



Canadian
Intellectual Property
Office

An Agency of
Industry Canada

Office de la propriété
intellectuelle
du Canada

Un organisme
d'Industrie Canada

ISSN-1712-4034

The Patent Office Record

La Gazette du Bureau des brevets



Vol. 151 No. 9 February 28, 2023

Vol. 151 No. 9 le 28 février 2023

Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

Table of Contents

Table des matières

Notices

Avis	1
------------	---

Canadian Patents Issued

Brevets canadiens délivrés	25
----------------------------------	----

Canadian Applications Open to Public Inspection

Demandes canadiennes mises à la disponibilité du public.....	123
--	-----

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale	138
---	-----

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant	271
---	-----

Index of Canadian Patents Issued

Index des brevets canadiens délivrés	279
--	-----

Index of Canadian Applications Open to Public Inspection

Index des demandes canadiennes mises à la disponibilité du public	297
---	-----

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale	300
---	-----

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant	324
---	-----

Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention

- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date (Re-Issued, Re-Examined)
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques ». Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), siège à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris
- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction (Redélivrance, Réexamen)
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

Avis

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of \$1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:

- | | |
|---|------|
| a) for each request | N/A |
| b) plus, for each patent or application to which the request relates | \$10 |
| c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first | \$10 |
| d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes | \$10 |

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 \$ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :

- | | |
|--|-------|
| a) pour chaque demande | S.O. |
| b) pour chaque demande de brevet ou brevet visé par la demande | 10 \$ |
| c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel | 10 \$ |
| d) pour chaque tranche de 10 mégaoctets qui excède 7 mégaoctets, l'excédant étant arrondi au multiple supérieur | 10 \$ |

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of \$1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 \$ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,974,996

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,974,996

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After June 3, 2020

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1961*
For each additional sheet over 30	\$22
3. International Search Fee	\$1600

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 3 juin 2020

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1961 \$*
Pour chaque feuille au delà de 30	22 \$
3. Taxe de recherche internationale	1600 \$

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Notices

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

Preliminary Examination

5. Handling fee (Rule 57.2(a))	\$295
6. Preliminary examination fee (Rule 58)	\$800

* International fees will be reduced by:

- \$295 for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- \$442 for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2a)	295 \$
6. Taxe d'examen préliminaire (Règle 58)	800 \$

* Les frais seront réduits de:

- 295 \$ pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- 442 \$ pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégué étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as “the Offices”) have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term “firm” includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais « partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Notices

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce*.

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets et de l'alinéa 21d) du Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

The correspondence procedures and the related practice for written communications to the Commissioner of Patents and the Patent Office under the Patent Act and the Patent Rules is outlined in Chapter 2 of the Manual of Patent Office Practice (MOPOP).

Web Link for MOPOP:

http://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/eng/h_wr00720.html

The correspondence procedures and the related practice of written communications with respect to Trademarks and to Industrial Design can be found in the Practice Notice entitled *Correspondence Procedures*, available on CIPO's website.

CIPO Web Link for correspondence procedures pertaining to Trademarks and Industrial Design:

<https://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/eng/wr00633.html>

Publication date: May 10, 2017

Amendment date: June 17, 2019

On this page:

1. Physical Delivery of Correspondence and Written Communications to CIPO
2. Electronic Correspondence
3. Details Concerning the Electronic Formats Accepted
4. General Information
5. Time Period Extensions
6. Procedures in Case of an Unexpected Office Closure at CIPO

14. Procédures de correspondance

Les procédures de correspondance et les pratiques connexes de communication écrite au commissaire aux brevets ou au Bureau des brevets en vertu de la Loi sur les brevets et des Règles sur les brevets seront exposées dans le chapitre 2 du Recueil des pratiques du Bureau des brevets (RPBB).

Lien Web pour le RPBB :

http://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/fra/h_wr00720.html

Les procédures de correspondance et les pratiques connexes de communication écrite concernant les marques de commerce et les dessins industriels se trouvent dans le document intitulé *Procédures de correspondance*, consultable sur le site Web de l'OPIC.

Lien Web de l'OPIC pour les procédures de correspondance relatives aux marques de commerce et aux dessins industriels :
<https://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/fra/wr00633.html>

Date de publication : 10 mai 2017

Date de modification : 17 juin 2019

Sur cette page :

1. Remise physique de correspondance et communications écrites à l'OPIC.
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Prorogation des délais
6. Procédures en cas de fermeture imprévue des bureaux de l'OPIC

Avis

7. Procedures when CIPO is Open to the Public but Clients are Unable to Communicate with the Office
8. Intellectual Property Acts, Rules and Regulation

7. Procédures à suivre lorsque l'Office est ouvert au public, mais les clients sont incapables de communiquer avec l'Office
8. Lois, règles et règlements sur la propriété intellectuelle

This notice is intended to clarify the practice of the Canadian Intellectual Property Office with respect to correspondence procedures and written communications and replaces all previous notices.

1. Physical Delivery of Correspondence and Written Communications to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, subsection 10(1) of the Trademarks Regulations, section 2 of the Copyright Regulations, section 4 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the Registrar of Trademarks, the Copyright Office, the Industrial Design Office, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

In accordance with subsections 5(2), 5(3), 54(1) and 54(2) of the Patent Rules, subsection 10(2) of the Trademarks Regulations, subsections 2(2) and (3) of the Copyright Regulations, subsection 5(1) of the Industrial Design Regulations and subsections 3(2) and (3) of the Integrated Circuit Topography Regulations, correspondence and written communications delivered to the above address between 8:30 a.m. to 4:30 p.m. (Eastern Time) Monday to Friday is deemed to have been received on the actual date of their delivery if they are delivered when CIPO is open to the public.

Correspondence delivered at a time when CIPO is closed to the public will be deemed or considered to have been received on the day on which CIPO is next open to the public.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted

Le présent énoncé de pratique a pour but de préciser la pratique de l'Office de la propriété intellectuelle du Canada relativement aux procédures de correspondance et de communications écrites et remplace tout avis antérieur.

1. Remise physique de correspondance et communications écrites à l'OPIC

Pour l'application des articles 5 et 54 des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 4 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, du Bureau des dessins industriels, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC ») est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

Conformément aux paragraphes 5(2), 5(3), 54(1) et 54(2) des Règles sur les brevets, du paragraphe 10(2) du Règlement sur les marques de commerce, des paragraphes 2(2) et (3) du Règlement sur le droit d'auteur, du paragraphe 5(1) du Règlement sur les dessins industriels et des paragraphes 3(2) et (3) du Règlement sur les topographies de circuits intégrés, la correspondance et les communications écrites ayant été remises à l'adresse ci-dessus entre 8h30 et 16h30 (Heure de l'Est) du lundi au vendredi seront réputées avoir été reçues le jour de leur remise, si elles sont remises alors que l'OPIC est ouvert au public.

La correspondance remise lorsque les bureaux de l'OPIC sont fermés au public sera réputée avoir été reçue le jour de la réouverture de l'OPIC au public.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, celle-ci ne peut pas être retournée à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet qui ne rencontre pas les exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront renvoyés à l'expéditeur.

Le formulaire de paiements des frais devrait toujours être

Notices

to CIPO that contains financial information, such as credit card numbers.

Download the [Fee Payment Form](#).

fourni comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le [formulaire de paiement des frais](#).

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 10(1) of the Trademarks Regulations, subsection 2(4) of the Copyright Regulations, section 4 of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be delivered **in person**. Please note that documents, payments and payment instructions delivered to the addresses listed below **must be enclosed in a sealed envelope** and that **no in person payment transactions** are processed on site. The ordinary business hours for each designated establishment are listed below.

- Innovation, Science and Economic Development Canada
C.D. Howe Building
235 Queen Street, Room S-143
Ottawa ON K1A 0H5
Tel.: 343-291-3436

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday,
except statutory holidays

- Innovation, Science and Economic Development Canada
Sun Life Building
1155 Metcalfe Street, Room 950
Montreal QC H3B 2V6
Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday,
except statutory holidays

- Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday,

1.1 Établissements désignés

Pour l'application des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, de l'article 4 du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies peut être remise **en personne** aux établissements ou bureaux désignés suivants. Veuillez prendre note que les documents, paiements et instructions de paiements remis aux adresses énumérées ci-dessous doivent être **inclus dans une enveloppe scellée et qu'aucune transaction de paiement en personne** n'est traitée sur place. Les heures normales d'ouverture pour chaque établissement désigné sont indiquées ci-dessous.

- Innovation, Sciences et Développement économique Canada
Édifice C.D. Howe
235, rue Queen, pièce S-143
Ottawa (Ontario) K1A 0H5
Tél. : 343-291-3436

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

- Innovation, Sciences et Développement économique Canada
Édifice Sun Life
1155, rue Metcalfe, bureau 950
Montréal (Québec) H3B 2V6
Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

- Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi,

Avis

except statutory holiday	l'exception des jours fériés
<ul style="list-style-type: none">Innovation, Science and Economic Development Canada Canada Place 9700 Jasper Avenue, Suite 725 Edmonton AB T5J 4C3 Tel.: 780-495-4782 Toll-free: 1-800-461-2646	<ul style="list-style-type: none">Innovation, Sciences et Développement économique Canada Canada Place 9700, avenue Jasper, pièce 725 Edmonton (Alberta) T5J 4C3 Tél. : 780-495-4782 Sans frais : 1-800-461-2646
8:30 a.m. to 4:30 p.m. (local time) Monday to Friday, except statutory holidays	8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés
<ul style="list-style-type: none">Innovation, Science and Economic Development Canada Library Square 300 West Georgia Street, Suite 2000 Vancouver BC V6B 6E1 Tel.: 604-666-5000	<ul style="list-style-type: none">Innovation, Sciences et Développement économique Canada Library Square 300, rue Georgia Ouest, pièce 2000 Vancouver (C.-B.) V6B 6E1 Tél. : 604-666-5000
8:30 a.m. to 4:30 p.m. (local time) Monday to Friday, except statutory holidays	8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

In accordance with subsections 5(4), 5(5), 54(3) and 54(4) of the Patent Rules, subsection 10(3) of the Trademarks Regulations, subsections 2(4) and (5) of the Copyright Regulations, subsection 5(2) of the Industrial Design Regulations and subsections 3(4) and (5) of the Integrated Circuit Topography Regulations, correspondence delivered to a designated establishment on a day when CIPO is open to the public will be deemed or considered to be received on the day on which they are delivered to that designated establishment. If CIPO is closed to the public, correspondence will be deemed or considered to be received on the day on which CIPO is next open to the public. For example, if correspondence intended for CIPO is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as CIPO is closed on that day (St-Jean-Baptiste Holiday in Quebec). It will be deemed received on the day on which CIPO is next open to the public.

Conformément aux paragraphes 5(4), 5(5), 54(3) et 54(4) des Règles sur les brevets, au paragraphe 10(3) du Règlement sur les marques de commerce, aux paragraphes 2(4) et (5) du Règlement sur le droit d'auteur, au paragraphe 5(2) du Règlement sur les dessins industriels et aux paragraphes 3(4) et (5) du Règlement sur les topographies de circuits intégrés, la correspondance remise à l'un des établissements désignés susmentionnés lorsque les bureaux de l'OPIC sont ouverts au public sera réputée ou considérée avoir été reçue le jour de leur remise à cet établissement désigné. Si les bureaux de l'OPIC sont fermés au public, la correspondance sera réputée ou considérée avoir été reçue à le jour de la réouverture de l'OPIC au public. Par exemple, la correspondance adressée à l'OPIC remise à l'établissement désigné de Toronto le 24 juin ne sera pas considérée avoir été reçue le 24 juin puisque les bureaux de l'OPIC sont fermés ce jour-là (la Saint-Jean Baptiste est un jour férié au Québec). La correspondance sera alors réputée avoir été reçue le jour de la réouverture des bureaux de l'OPIC au public.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

1.2. Services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada

Pour l'application des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, de l'article 4 du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada sont des établissements ou des

Notices

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Electronic Correspondence

For the purposes of section 8.1 of the Patent Act, subsection 64(1) of the Trademarks Act, subsection 24.1(1) of the Industrial Design Act and in accordance with subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 10(4) of the Trademarks Regulations, subsection 2(6) of the Copyright Regulations, subsection 10(3) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 10(5) of the Trademarks Regulations specifies certain categories of correspondence to which the provisions of subsection 10(4) do not apply.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered to the Commissioner of Patents by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is

bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies peut être remise.

L'OPIC considère que la correspondance remise par l'entremise des services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation de Postes Canada, en autant que l'OPIC soit ouvert au public ce jour-là. Si l'OPIC est fermé au public ce jour-là, la correspondance sera réputée ou considérée avoir été reçue le jour de réouverture de l'OPIC au public.

2. Correspondance électronique

Pour l'application de l'article 8.1 de la Loi sur les brevets, du paragraphe 64(1) de la Loi sur les marques de commerce, du paragraphe 24.1(1) de la Loi sur les dessins industriels, et conformément aux paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, au paragraphe 10(4) du Règlement sur les marques de commerce, au paragraphe 2(6) du Règlement sur le droit d'auteur, au paragraphe 10(3) du Règlement sur les dessins industriels et au paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies peut être transmise par télécopieur, en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent énoncé.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 10(5) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 10(4) ne s'appliquent pas.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies constitue une version originale. Par conséquent, un duplicata sur support papier ne devrait pas être expédié.

La correspondance livrée au commissaire aux brevets et reçue par voie électronique, y compris par télécopieur, est considérée comme ayant été reçue à l'OPIC le jour même de sa transmission, si elle est livrée avant minuit, heure locale,

Avis

open for business.

Correspondence delivered to the Registrar of Trademarks or the Industrial Design Office by electronic means of transmission, including facsimile, is deemed to have been received on the day on which CIPO receives it (Eastern Time).

2.1 Facsimile

Black and white facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be sent to the following facsimile numbers:

(819) 953-CIPO (2476) or (819) 953-OPIC (6742)

Colour facsimile correspondence addressed to the Registrar of Trademarks or the Industrial Design Office **must** be sent to the following facsimile number:

(819) 934-3833

Note that the model of facsimile is a Xerox C505/X and that this information may be needed to ensure a successful colour transmission.

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment, will be considered not to have been received.

Evidence submitted by facsimile in respect of an opposition or section 45 proceeding **will not be accepted** due to issues such as the often-poor quality of transmission, the risk of incomplete transmission and the voluminous nature of the documents.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting by facsimile a document that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

lorsque les bureaux de l'OPIC sont ouverts au public. Si elle est transmise un jour où les bureaux de l'OPIC sont fermés au public, elle est considérée comme ayant été reçue à la date du jour d'ouverture suivant de l'OPIC.

La correspondance fournie au registraire des marques de commerce ou transmise au Bureau des dessins industriels par voie électronique, y compris par télécopieur, est réputée avoir été reçue le jour où l'OPIC l'a reçue (Heure de l'Est).

2.1 Correspondance par télécopieur

La correspondance en noir et blanc par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (6742) ou 819-953-CIPO (2476)

La correspondance en couleur par télécopieur (modèle : Xerox C505/X) adressée au registraire des marques de commerce ou au Bureau des dessins industriels doit être transmise au numéro ci-dessous :

(819) 934-3833

À noter que le modèle de télécopieur est un Xerox C505/X; information qui peut être nécessaire afin de compléter une transmission en couleur.

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements désignés, sera considérée comme n'ayant pas été reçue.

Les éléments de preuve présentés par télécopieur dans le cadre d'une procédure d'opposition ou de radiation en vertu de l'article 45 de la Loi **ne seront pas acceptés** en raison des inconvenients reliés à la mauvaise qualité de la transmission, au risque que la transmission soit incomplète et à la nature volumineuse de ces documents.

Le rapport de transmission électronique que vous recevrez après votre transmission par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'une interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Lors de la transmission par télécopieur d'un document comprenant une demande d'acquittement de droit ou taxe, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements des frais afin d'assurer un traitement rapide.

Notices

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- [filing an application](#) (regular application);
- [filing a request for national entry](#);
- [filing an international application](#) (PCT Safe or ePCT);
- [general correspondence relating to applications and patents](#);
- [maintaining the name of a patent agent on the register of patent agents](#); and
- [ordering copies in paper, or electronic form of a document](#).

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called [PCT E-Filing](#).

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a [designated establishment](#).

Trademarks

For the purpose of subsection 10(4) of the Trademarks Regulations, the following correspondence addressed to the Registrar of Trademarks may be sent electronically by

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Pour l'application du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment en accédant aux pages suivantes :

- [déposer une demande](#) (demande régulière);
- [déposer une demande d'entrée dans la phase nationale](#);
- [déposer une demande internationale](#) (PCT Safe ou ePCT);
- [correspondance générale concernant des demandes et des brevets](#);
- [maintien du nom d'un agent de brevets dans le registre des agents de brevets](#);
- [commande de copies papier ou d'un document sous forme électronique](#).

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé [Dépôt en ligne de demandes PCT](#).

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un [établissement désigné](#).

Marques de commerce

Pour l'application du paragraphe 10(4) du Règlement sur les marques de commerce, la correspondance adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment en accédant aux pages suivantes

Avis

accessing the following pages:

- [filing a new or revised trademark application;](#)
- [renewal of a trademark registration;](#)
- [request to enter a name on the list of trademark agents;](#)
- [annual renewal of a trademark agent;](#)
- [requesting copies of trademark documents;](#)
- [registration of a trademark application;](#)

- [nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;](#)
- [renouvellement de l'enregistrement d'une marque de commerce;](#)
- [demande d'inscription d'un nom à la liste des agents de marques de commerce;](#)
- [renouvellement annuel d'un agent de marques de commerce;](#)
- [commande de copies de documents de marques de commerce,](#)
- [l'enregistrement d'une marque de commerce](#)

For the purpose of subsection 10(4) of the Trademarks Regulations, correspondence addressed to the Registrar of Trademarks in the context of opposition and section 45 proceedings may be sent electronically by accessing the [Trademarks Opposition Board's online web application](#):

Opposition proceedings before the Trademarks Opposition Board

- filing a statement of opposition;
- filing of a counter statement;
- submission of the opponent's evidence, or statement;
- submission of the applicant's evidence, or statement;
- submission of the opponent's reply evidence;
- submission of the opponent's written representations, or statement;
- submission of the applicant's written representations, or statement;
- filing a request for a hearing; and
- requesting an extension of time.

Section 45 proceedings before the Trademarks Opposition Board

- filing a request for a section 45 notice;
- submission of the registered owner's evidence;
- submission of the requesting party's written representations, or statement;
- submission of the registered owner's written representations, or statement;
- filing a request for a hearing; and
- requesting an extension of time.

Pour l'application du paragraphe 10(4) du Règlement sur les marques de commerce, la correspondance adressée au registraire des marques de commerce dans le cadre des procédures d'opposition ou de radiation en vertu de l'article 45 peut être envoyée par voie électronique en accédant à l'[application web en ligne de la Commission des oppositions des marques de commerce](#).

Procédures d'opposition devant la Commission des oppositions des marques de commerce

- production d'une déclaration d'opposition;
- Production d'une contre-déclaration d'opposition;
- Production de la preuve de l'opposant, ou d'une déclaration;
- Production de la preuve du requérant, ou d'une déclaration;
- Production de la contre-preuve de l'opposant;
- Production des arguments écrits de l'opposant, ou déclarations;
- Soumission des arguments écrits du requérant, ou déclarations;
- Produire une demande pour une audience; et
- demande de prolongation de délai.

Procédures en vertu de l'article 45 devant la Commission des oppositions des marques de commerce

- Production d'une demande pour un avis en vertu de l'article 45;
- Production de la preuve du propriétaire inscrit;
- Production des arguments écrits de la demanderesse, ou déclaration;
- Production des arguments écrits du propriétaire inscrit, ou déclaration;
- Produire une demande pour une audience; et
- Demande de prolongation de délai.

Copyright

Droits d'auteur

Notices

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- [application for registration of a copyright in a work](#);
- [application for registration of a copyright in a performer's performance, sound recording or a communication signal](#);
- [filing a grant of interest](#);
- [request for certificate of correction](#);
- [ordering copies in paper, or electronic form of a document](#); and
- [general correspondence relating to copyright](#).

Pour l'application du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique, notamment en accédant aux pages suivantes :

- [demande d'enregistrement d'un droit d'auteur sur une œuvre](#),
- [demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication](#);
- [dépôt d'une concession d'intérêt](#);
- [demande de certificat de correction](#);
- [commande de copies des documents papier ou électroniques](#) et
- [correspondance générale relative aux droits d'auteur](#).

Industrial Designs

For the purpose of subsection 24.1(1) of the Industrial Design Act, the following correspondence addressed to the Industrial Design Office may be sent electronically, by accessing the following pages:

- [application for registration of an industrial design](#);
- [ordering copies in paper, or electronic form of a document](#);
- [general correspondence relating to industrial designs](#); and
- [payment of industrial design maintenance fees](#).

Dessins industriels

Pour l'application du paragraphe 24.1(1) de la Loi sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au Bureau des dessins industriels peut être transmise par voie électronique, notamment en accédant aux pages suivantes :

- [demande d'enregistrement d'un dessin industriel](#);
- [commande de copies de documents papier ou électroniques](#);
- [correspondance générale relative aux dessins industriels](#); et
- [paiement des droits de maintien des dessins industriels](#).

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- [general correspondence relating to integrated circuit topographies](#).

Topographies de circuits intégrés

Pour l'application du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique, notamment en accédant aux pages suivantes :

- [correspondance générale relative aux topographies de circuits intégrés](#).

2.3 Electronic medium

Note : all electronic media must be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

2.3 Supports électroniques

Note : Les supports électroniques doivent être exempts de ver informatique, de virus, ou de tout autre contenu malveillant. Les fichiers qui comprennent du contenu malveillant seront supprimés.

Brevets

Avis

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

- i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
- ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrédition du requérant :

- i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
- ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Notices

the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

Trademarks and Industrial Design

The Office of the Registrar of Trademarks and the Industrial Design Office will accept the following types of electronic media: CD-ROM, CD-R, DVD, DVD-R, and USB stick.

3. Details Concerning the Electronic Formats Accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically site using the relevant links set out in [section 2.2](#) of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stelligent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Marques de commerce et dessins industriels

Le Bureau du registraire des marques de commerce et le Bureau des dessins industriels acceptent les supports électroniques suivants : CD ROM, CD-R, DVD, DVD-R, et clé USB.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à [l'article 2.2](#) des présentes procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stelligent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Avis

TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Trademarks

For the purposes of subsection 64(1) of the Trademarks Act, the acceptable file formats for documents submitted electronically using the relevant links set out in [section 2.2](#) of these correspondence procedures are: PNG, TIFF, JPEG, GIF, MP3, MP4, PDF, BMP and Doc.

Industrial Design

For the purposes of subsection 24.1(1) of the Industrial Design Act, the acceptable file formats for documents, other than a representation of a design, submitted electronically are WPD, DOC, DOCX and PDF. The acceptable file formats for the representation of a design are PDF, JPEG, TIFF and GIF. The file size limit is of 60MB for PDF, 10MB for the other file formats. The scanned/stored images should be of a resolution of at least 300 dpi and the dimensions must be of 21.59 cm by 27.94 cm (8.5 in by 11 in).

Note that the conversion of files to an acceptable format may result in a change to the quality of the drawings.

Marques de commerce

Pour l'application du paragraphe 64(1) de la Loi sur les marques de commerce, les formats de fichiers acceptables pour les documents fournis par un moyen électronique énoncé à la [section 2.2](#) des présentes procédures de correspondance sont : PNG, TIFF, JPEG, GIF, MP3, MP4, PDF, BMP et Doc.

Dessins industriels

Pour l'application du paragraphe 24.1(1) de la Loi sur les dessins industriels, les formats de fichiers acceptables pour les documents autres que la représentation d'un dessin, transmis par voie électronique sont : WPD, DOC, DOCX, PDF. Les formats de fichiers acceptables pour la représentation d'un dessin sont PDF, JPEG, TIFF, et GIF. La taille maximale est de 60MB pour le format PDF et de 10MB pour tout autre format. L'image numérisée/stockée devrait être dans une résolution d'au moins 300 dpi et les dimensions doivent être de 21,59 cm par 27,94 cm (8,5 po par 11po)

Veuillez noter que la conversion de fichiers vers un format acceptable pourrait résulter en un changement à la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's [Client Service Centre](#).

5. Time Period Extensions

- [Time period extensions under the Patent, Trademarks and Industrial Design Acts](#)
- [Time period extensions under the Copyright and Integrated Circuit Topography Acts](#)
- [Time period extensions under the Patent Cooperation Treaty](#)
- [Time period extensions under the Madrid Protocol and the Hague Agreement](#)

Time period extensions under the Patent, Trademarks and Industrial Design Acts

For the purposes of subsection 78(1) of the Patent Act, subsection 66(1) of the Trademarks Act, and subsection 21(1) of the Industrial Design Act, any time period fixed under those Acts and ending on 1) a **prescribed day** set out in the list below or 2) a **designated day** on account of unforeseen circumstances, will be extended to the next day that is not a prescribed day or a designated day and where CIPO is open to the public.

Designated days are those days that are designated by the Commissioner, the Registrar, or the Minister, on account of unforeseen circumstances and if they are satisfied that it is in the public interest to do so. If a day is designated, the public will be informed of that fact on CIPO's website.

Prescribed days under the Patent Act, Trademarks Act and Industrial Design Act are as follows:

- Every Saturday and Sunday;
- New Year's Day (January 1)*;
- Good Friday;
- Easter Monday;
- Victoria Day: First Monday immediately preceding May 25;
- St. Jean Baptiste Day (June 24)*;
- Canada Day (July 1)*;
- The first Monday in August;***
- Labour Day: First Monday in September;
- Thanksgiving Day: Second Monday in October;

4. Renseignements généraux

Des renseignements généraux peuvent être obtenus en communiquant avec [le Centre de services à la clientèle de l'OPIC](#).

5. Prorogation des délais

- [Prorogation des délais en vertu des les Lois sur les brevets, les marques de commerce, et les dessins industriels](#)
- [Prorogation des délais en vertu des les Lois sur le droit d'auteur et les topographies de circuits intégrés](#)
- [Prorogation des délais en vertu du le Traité de coopération en matière de brevets](#)
- [Prorogation des délais en vertu du Protocole de Madrid et de l'Arrangement de La Haye](#)

Prorogation des délais prévus par les Lois sur les brevets, les marques de commerce, et les dessins industriels

Pour l'application du paragraphe 78(1) de la Loi sur les brevets, du paragraphe 66(1) de la Loi sur les marques de commerce, et du paragraphe 21(1) de la Loi sur les dessins industriels, tout délai fixé sous le régime de ces lois et qui expire 1) un **jour prescrit ou règlementaire** tel qu'indiqué dans la liste ci-dessous, ou 2) un **jour désigné** en raison de circonstances imprévues, sera prorogé jusqu'au jour suivant qui n'est ni un jour prescrit ni un jour désigné et où l'OPIC est ouvert au public.

Les **jours désignés** sont les jours désignés par le commissaire, le registraire, ou le ministre, où, en raison de circonstances imprévues, s'il est dans l'intérêt public de le faire. Si un jour est désigné, le public en sera informé sur le site web de l'OPIC.

Les **jours prescrits ou règlementaires** en vertu de la Loi sur les brevets, de la Loi sur les marques de commerce et de la Loi sur les dessins industriels sont les suivants :

- Tous les samedis et dimanches;
- Nouvel An (1^{er} janvier)*;
- Vendredi Saint;
- Lundi de Pâques;
- Fête de la Reine ou Journée nationale des patriotes : Premier lundi immédiatement avant le 25 mai;
- Saint-Jean-Baptiste (24 juin)*;
- Fête du Canada (1^{er} juillet)*;
- Le premier lundi du mois d'août***;
- Fête du travail : Premier lundi du mois de septembre;

Avis

- Remembrance Day (November 11)*;
- Christmas Day (December 25)**;
- Boxing Day (December 26)** ;
- Any day on which CIPO is closed to the public for all or part of that day during ordinary business hours.

*In the case of New Year's Day, St. Jean Baptiste Day, Canada Day and Remembrance Day, if the day falls on a Saturday or Sunday, deadlines will be extended to the following Tuesday.

**If December 25 falls on a Friday, deadlines will be extended to the following Tuesday. If December 25 falls on a Saturday or Sunday, any time periods ending on December 25 or December 26 will be extended to the following Wednesday.

***Please note that the Office is open to the public on the first Monday in August. Any time period which expires on that day will be extended to the next day the Office is open to the public (first Tuesday in August). However, any correspondence or fees submitted to the Office on that day will be deemed or considered received on that day.

Extensions for prescribed days occur regardless of place of residence or of the establishment to which documents are delivered.

Please be aware that not all provincial and territorial holidays are days where deadlines are extended. It is recommended that clients be mindful and ensure that all deadlines are respected.

- Action de Grâce : Deuxième lundi du mois d'octobre;
- Jour du Souvenir (11 novembre)*;
- Jour de Noël (25 décembre)**;
- Lendemain de Noël** ;
- Tout jour où l'OPIC est fermé au public pendant tout ou une partie des heures normales d'ouverture de l'OPIC au public.

*Si le Nouvel An, la Saint-Jean-Baptiste, la Fête du Canada, ou le Jour du Souvenir est un samedi ou un dimanche, les délais seront prorogés au mardi suivant.

**Si le 25 décembre est un vendredi, les délais seront prorogés au mardi suivant. Si le 25 décembre est un samedi ou un dimanche, les délais seront prorogés au mercredi suivant.

***Veuillez noter que les Bureaux sont ouverts au public le premier lundi du mois d'août. Tout délai qui expire ce jour-là sera prorogé au prochain jour ouvrable (premier mardi du mois d'août). Cependant, toute correspondance, droits ou taxes fournis au Bureau ce jour-là seront réputés ou considérés avoir été reçus à cette date.

La prorogation de délai concernant les jours prescrits ou réglementaires s'appliquent nonobstant du lieu de résidence ou du lieu de l'établissement auquel les documents ont été remis.

Veuillez noter que ce ne sont pas tous les jours fériés provinciaux ou territoriaux qui sont des jours prescrits ou réglementaires pour lesquels un délai peut être prorogé. Il est recommandé que les clients soient attentifs et s'assurent que tout délai soit respecté.

Time period extensions under the Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to CIPO or a designated establishment (including the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly,

Prorogation des délais prévus par les Lois sur le droit d'auteur et sur les topographies de circuits

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à l'OPIC ou à un établissement désigné (y compris un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé^{MC}, ou par Xpresspost^{MC} de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi relativement aux établissements auxquels des documents sont

Notices

where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Time period extensions under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

- i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;
- ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
- iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
- iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

Time period extensions under the Madrid Protocol and the Hague Agreement

If a period within which a communication must be received by the International Bureau of the World Intellectual Property Office would expire on a day on which the International

livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Prolongations de délais prévus au Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

- i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
- ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
- iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
- iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

Prorogation des délais en vertu du Protocole de Madrid et de l'Arrangement de La Haye

Si un délai à l'intérieur duquel une communication doit être reçue par le Bureau international de l'Organisation mondiale de propriété intellectuelle expire un jour où le Bureau international n'est pas ouvert au public, le délai expirera lors du

Avis

Bureau is not open to the public, it will expire on the next subsequent day on which the International Bureau is open. Likewise, if the period within which a communication (such as a notification of refusal of protection) must be sent by CIPO to the International Bureau would expire on a day on which CIPO is not open to the public, it will expire on the next subsequent day on which CIPO is open.

A list of the days on which the International Bureau is closed to the public during the current and the following calendar year is available on the [WIPO website](#).

6. Procedures in Case of an Unexpected Office Closure at CIPO

In case of unforeseen circumstances, CIPO will attempt to remain open to the public and ensure that essential service to our clients continues with the least possible disruption or delay.

In accordance with paragraph 27.01(n) of the Patent Rules, paragraph 15(n) of the Trademarks Regulations and paragraph 36(n) of the Industrial Design Regulations, whenever CIPO is closed to the public, for all or part of a day during ordinary business hours, including closures due to extraordinary circumstances, time periods will be extended to the next day that is not a prescribed or a designated day and where CIPO is open to the public.

For Copyright and Integrated Circuit Topography, if CIPO is closed to the public due to extraordinary circumstances, CIPO considers all time limits to be extended until the next day that it is open to the public. In such situations, mail delivered to CIPO or to designated establishments will be considered to be received on the date that CIPO re-opens to the public, with the exception of correspondence addressed to the Registrar of Topographies.

In view of the date-sensitive nature of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information with respect to [service interruptions](#) on our website as it becomes available and as circumstances permit.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or to use electronic means using the relevant links set out in [section 2.2](#) of these correspondence procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476). Date-sensitive material requiring fee

premier jour suivant où le Bureau international est ouvert au public. Similairement, si un délai à l'intérieur duquel une communication (tel qu'une notification de refus de la protection) doit être envoyée par l'OPIC au Bureau international expire un jour où les bureaux de l'OPIC sont fermés au public, ce délai expirera lors du premier jour suivant la réouverture de l'OPIC.

Une liste des jours pendant lesquels le Bureau international est fermé au public pendant l'année civile en cours et à venir est disponible [sur le site web de l'OMPI](#).

6. Procédures en cas de fermeture des bureaux

Lors de circonstances imprévues, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Conformément à l'alinéa 27.01n) des Règles sur les Brevets, l'alinéa 15n) du Règlement sur les marques de commerce et de l'alinéa 36n) du Règlement sur les dessins industriels, lorsque les bureaux de l'OPIC sont fermés au public pendant toute ou une partie des heures normales d'ouverture, y compris une fermeture en raison de circonstances extraordinaires, les délais seront prorogés au jour suivant qui ne sera pas un jour prescrit ou un jour désigné et où l'OPIC est ouvert au public .

Pour les droits d'auteur et les topographies de circuits intégrés, si les bureaux de l'OPIC sont fermés au public en raison de circonstances extraordinaires, l'OPIC considère que tous les délais sont prorogés au prochain jour d'ouverture au public. Dans de telles circonstances, le courrier livré à l'OPIC ou à des établissements désignés sera considéré avoir été reçu à la date du jour de la réouverture de l'OPIC au public, à l'exception de la correspondance adressée au registraire des topographies.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

En situation d'urgence, les systèmes d'information et de recherche resteront, dans la mesure du possible, accessibles à partir de notre site Web. Toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En situation d'urgence, l'OPIC va publier les renseignements nécessaires sur notre [page d'interruptions des services](#), lorsque ceux-ci seront disponibles et les circonstances le permettront.

Les clients sont **fortement encouragés** de faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^{MC}, par Xpresspost^{MC} ou par voie électronique en utilisant les liens spécifiés à [l'article 2.2](#) des présentes procédures de correspondance. Il est toujours

Notices

payment that is sent by fax must be accompanied by a VISA™, MasterCard™, or American Express™ credit card number, or CIPO deposit account number.

Please note that there may also be instances in which the designated offices may be temporarily closed, yet CIPO remains open to the public. In such situations, it remains **the responsibility of CIPO's clients** to ensure that all deadlines are respected.

possible de transmettre par télécopieur des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des droits ou taxes sont exigés, qui sont envoyés par télécopieur, doivent être accompagnés d'un numéro de carte VISA^{MC}, Mastercard^{MC} ou American Express^{MC} ou d'un numéro de compte de dépôt à l'OPIC.

Veuillez noter qu'il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, **les clients de l'OPIC demeurent responsables** du respect de tous les échéanciers.

7. Procedures when CIPO is Open to the Public but Clients are Unable to Communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open to the public but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trademarks Act and Regulations allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. In order for a retroactive extension of time to be granted, the Registrar of Trademarks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee is required in certain cases.

7. Procédures à suivre lorsque l'Office est ouvert au public, mais les clients sont incapables de communiquer avec l'Office

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif en rapport aux types de propriété intellectuelle mentionnés ci-haut ne donne pas à l'OPIC la flexibilité de proroger les délais lorsque l'Office est ouvert au public, mais les clients sont dans l'impossibilité de communiquer avec le l'Office.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prolongation rétroactive lorsqu'un délai n'a pas été respecté en raison d'un cas de force majeure. Pour qu'une prolongation de délai rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit est exigé dans certains cas.

8. Intellectual property acts, rules and regulations

- [Copyright Act](#)
- [Copyright Regulations](#)
- [Industrial Design Act](#)
- [Industrial Design Regulations](#)
- [Integrated Circuit Topography Act](#)
- [Integrated Circuit Topography Regulations](#)
- [Interpretation Act](#)
- [Patent Act](#)

8. Lois, règles et règlements sur la propriété intellectuelle

- [Loi sur le droit d'auteur](#)
- [Règlement sur le droit d'auteur](#)
- [Loi sur les dessins industriels](#)
- [Règlement sur les dessins industriels](#)
- [Loi sur les topographies de circuits intégrés](#)
- [Règlement sur les topographies de circuits intégrés](#)
- [Loi d'interprétation](#)
- [Loi sur les brevets](#)
- [Règles sur les brevets](#)

Avis

- [Patent Rules](#)
- [Regulations under the PCT](#)
- [Trademarks Act](#)
- [Trademarks Regulations](#)

- [Règlement d'exécution du PCT](#)
- [Loi sur les marques de commerce](#)
- [Règlement sur les marques de commerce](#)

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of February 28, 2023 contains applications open to public inspection from February 12, 2023 to February 18, 2023.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 28 février 2023 contient les demandes disponibles au public pour consultation pour la période du 12 février 2023 au 18 février 2023.

Canadian Patents Issued

February 28, 2023

Brevets canadiens délivrés

28 février 2023

[11] **1,341,643**
[13] C

[52] 167/130 167/134 167/140 530/15.04
195/1.22 195/1.235 195/1.31 195/1.36
[51] Int.Cl. C07K 14/02 (2006.01) A61K
39/29 (2006.01) C07K 19/00 (2006.01)
C12N 1/21 (2006.01) C12N 15/51
(2006.01) C12N 15/63 (2006.01) C12P
21/02 (2006.01)
[25] EN
[54] NON-PASSAGEABLE VIRUSES
[54] VIRUS NON TRANSMISSIBLES
[72] RUTTER, WILLIAM J., US
[72] GOODMAN, HOWARD, MICHAEL,
US
[73] THE REGENTS OF THE
UNIVERSITY OF CALIFORNIA, US
[86] (352501)
[87] (352501)
[21] **352,501**
[22] 1980-05-22
[30] US (41,909) 1979-05-24
[30] US (107,267) 1979-12-26

[11] **2,646,146**
[13] C

[51] Int.Cl. H04L 12/28 (2006.01) H04W
80/04 (2009.01) H04L 9/32 (2006.01)
H04L 12/66 (2006.01) H04L 41/0893
(2022.01)
[25] EN
[54] METHODS AND APPARATUS FOR
CENTRALIZED CONTENT AND
DATA DELIVERY
[54] PROCEDES ET APPAREIL DE
DIFFUSION CENTRALISEE DE
CONTENUS ET DE DONNEES
[72] MARKLEY, JEFFREY P., US
[72] WILLIAMSON, LOUIS D., US
[72] CARLUCCI, JOHN B., US
[73] TIME WARNER CABLE
ENTERPRISES LLC, US
[85] 2008-09-15
[86] 2007-03-14 (PCT/US2007/006533)
[87] (WO2007/109089)
[30] US (11/378,129) 2006-03-16

[11] **2,689,260**
[13] C

[51] Int.Cl. A61K 39/35 (2006.01) A61P
37/08 (2006.01) C07K 7/00 (2006.01)
[25] EN
[54] VACCINE PEPTIDE
COMBINATIONS AGAINST CAT
ALLERGY
[54] COMBINAISONS DE VACCIN
CONTRE UNE ALLERGIE AUX
CHATS
[72] HAFNER, RODERICK PETER, GB
[72] LARCHE, MARK, CA
[72] KAY, ANTHONY BARRINGTON, GB
[73] CIRCASSIA LIMITED, GB
[85] 2009-11-30
[86] 2008-05-30 (PCT/GB2008/001827)
[87] (WO2008/145998)
[30] GB (0710529.9) 2007-06-01

[11] **2,706,479**
[13] C

[51] Int.Cl. A61K 39/35 (2006.01) A61K
45/00 (2006.01) A61P 19/02 (2006.01)
C07K 16/18 (2006.01) C12N 5/16
(2006.01)
[25] EN
[54] 14-3-3 ANTAGONISTS FOR THE
PREVENTION AND TREATMENT
OF ARTHRITIS
[54] COMPOSITIONS ET PROCEDES
POUR LA PREVENTION ET LE
TRAITEMENT DE L'ARTHRITE
[72] MAROTTA, ANTHONY, CA
[72] GHAHARY, AZIZ, CA
[72] MAKSYMOWYCH, WALTER
WOLOODYMYR PETER, CA
[72] KILANI, RUHANGIZ, CA
[73] THE UNIVERSITY OF BRITISH
COLUMBIA, CA
[85] 2010-05-20
[86] 2008-11-26 (PCT/CA2008/002154)
[87] (WO2009/067820)
[30] US (60/990,520) 2007-11-27
[30] US (61/077,123) 2008-06-30

[11] **2,721,810**
[13] C

[51] Int.Cl. G06Q 40/04 (2012.01)
[25] EN
[54] SYSTEM AND METHOD FOR
MANAGING TRADING ORDERS
WITH DECAYING RESERVES
[54] SYSTEME ET PROCEDE DE
GESTION DES ORDRES
COMMERCIAUX AVEC DES
RESERVES DECROISSANTES
[72] NOVIELLO, JOSEPH C., US
[73] BGC PARTNERS, INC., US
[85] 2010-10-18
[86] 2009-04-20 (PCT/US2009/041131)
[87] (WO2009/131943)
[30] US (12/106,494) 2008-04-21

[11] **2,728,622**
[13] C

[51] Int.Cl. C12N 15/32 (2006.01) C07K
14/325 (2006.01) C12N 1/21 (2006.01)
C12N 5/10 (2006.01) C12N 15/63
(2006.01) C12N 15/82 (2006.01)
[25] EN
[54] AXMI-115, AXMI-113, AXMI-005,
AXMI-163 AND AXMI-184:
INSECTICIDAL PROTEINS AND
METHODS FOR THEIR USE
[54] AXMI-115, AXMI-113, AXMI-005,
AXMI-163 ET AXMI-184 :
PROTEINES INSECTICIDES ET
LEURS PROCEDES
D'UTILISATION
[72] SAMPSON, KIMBERLY S., US
[72] AGARWAL, SHRUTI, US
[72] CAMPBELL, CHRIS, US
[72] MCNULTY, BRIAN, US
[72] TOMSO, DANIEL J., US
[72] CAROZZI, NADINE, US
[72] HARGISS, TRACY, US
[72] KOZIEL, MICHAEL G., US
[72] DUCK, NICHOLAS B., US
[72] HEINRICH, VOLKER, US
[73] BASF AGRICULTURAL SOLUTIONS
SEED US LLC, US
[85] 2010-12-17
[86] 2009-07-02 (PCT/US2009/049527)
[87] (WO2010/003065)
[30] US (61/077,812) 2008-07-02
[30] US (61/158,953) 2009-03-10

**Brevets canadiens délivrés
28 février 2023**

[11] 2,774,480

[13] C

- [51] Int.Cl. H04N 21/266 (2011.01) H04N 21/2343 (2011.01) H04L 12/18 (2006.01)
 [25] EN
 [54] CONTROL PLANE ARCHITECTURE FOR MULTICAST CACHE-FILL
 [54] ARCHITECTURE DE PLANS DE COMMANDE POUR REMPLISSAGE DE MEMOIRE TAMPON MULTIDIFFUSION
 [72] MAO, WEIDONG, US
 [72] SALINGER, JORGE, US
 [73] COMCAST CABLE COMMUNICATIONS, LLC, US
 [85] 2012-03-15
 [86] 2010-09-15 (PCT/US2010/048974)
 [87] (WO2011/034955)
 [30] US (61/242,456) 2009-09-15
 [30] US (61/242,444) 2009-09-15
-

[11] 2,777,448

[13] C

- [51] Int.Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01) A61P 33/14 (2006.01)
 [25] EN
 [54] COMPOSITIONS FOR CONTROLLING VARROA MITES IN BEES
 [54] COMPOSITIONS POUR LUTTER CONTRE LES ACARIENS VARROA CHEZ L'ABEILLE
 [72] SELA, ILAN, IL
 [72] SHAFIR, SHARONI, IL
 [72] MAORI, EYAL, IL
 [72] GARBAN, YAEL, IL
 [72] BEN-CHANOCHE, EYAL, US
 [72] YARDEN, GAL, IL
 [73] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD., IL
 [73] BEEOLOGICS, INC., US
 [85] 2012-04-12
 [86] 2010-10-14 (PCT/IL2010/000844)
 [87] (WO2011/045796)
 [30] US (61/251,339) 2009-10-14
-

[11] 2,782,557

[13] C

- [51] Int.Cl. A01H 5/00 (2018.01) A01H 6/46 (2018.01) A01H 6/54 (2018.01) A01H 6/60 (2018.01) A01H 1/00 (2006.01) A01H 5/10 (2018.01) A01P 7/00 (2006.01) C07K 14/325 (2006.01) C12N 5/10 (2006.01) C12N 15/32 (2006.01) C12N 15/82 (2006.01)
 [25] EN
 [54] USE OF CRY1DA IN COMBINATION WITH CRY1CA FOR MANAGEMENT OF RESISTANT INSECTS
 [54] UTILISATION DE CRY1DA EN COMBINAISON AVEC CRY1CA POUR LA PRISE EN CHARGE D'INSECTES RESISTANTS
 [72] MEADE, THOMAS, US
 [72] NARVA, KENNETH, US
 [72] STORER, NICHOLAS P., US
 [72] SHEETS, JOEL J., US
 [72] WOOSLEY, AARON T., US
 [72] BURTON, STEPHANIE L., US
 [73] CORTEVA AGRISCIENCE LLC, US
 [85] 2012-05-31
 [86] 2010-12-16 (PCT/US2010/060828)
 [87] (WO2011/084629)
 [30] US (61/284,281) 2009-12-16
 [30] US (61/284,275) 2009-12-16
 [30] US (61/284,252) 2009-12-16
-

[11] 2,798,444

[13] C

- [51] Int.Cl. E04B 2/74 (2006.01) E04B 2/82 (2006.01)
 [25] EN
 [54] MOVEABLE AND DEMOUNTABLE WALL PANEL SYSTEM FOR BUTT-GLAZED WALL PANELS
 [54] SYSTEME DE PANNEAUX MURAUX MOBILE ET DEMONTABLE DESTINE AUX PANNEAUX MURAUX VITRES BOUT A BOUT
 [72] VON HOYNINGEN HUENE, EBERHARD, CA
 [72] SALZMAN, MICHAEL, CA
 [72] STRUIS, ANNEKE, CA
 [73] ALLSTEEL INC., US
 [85] 2012-11-05
 [86] 2011-05-05 (PCT/CA2011/000541)
 [87] (WO2011/137530)
 [30] US (61/331,588) 2010-05-05
-

[11] 2,799,608

[13] C

- [51] Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) C12P 21/08 (2006.01)
 [25] EN
 [54] AMINO ACID SEQUENCES WHICH ENHANCE PEPTIDE CONJUGATE SOLUBILITY
 [54] SEQUENCES D'ACIDES AMINES QUI AMELIORENT LA SOLUBILITE DE CONJUGUES PEPTIDIQUES
 [72] WEISBART, RICHARD H., US
 [73] THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, US
 [85] 2012-11-15
 [86] 2010-05-27 (PCT/US2010/036482)
 [87] (WO2010/138769)
 [30] US (61/182,030) 2009-05-28
-

[11] 2,807,749

[13] C

- [51] Int.Cl. C12N 9/72 (2006.01) A61K 38/48 (2006.01) A61K 38/49 (2006.01) A61K 48/00 (2006.01) A61P 7/02 (2006.01) C07K 14/485 (2006.01) C07K 14/745 (2006.01) C07K 19/00 (2006.01) C12N 9/70 (2006.01) C12N 9/96 (2006.01) C12N 15/57 (2006.01) C12N 15/58 (2006.01) C12N 15/62 (2006.01)
 [25] EN
 [54] PROTEIN FUSION CONSTRUCTS POSSESSING THROMBOLYTIC AND ANTICOAGULANT PROPERTIES
 [54] PROTEINES DE FUSION RECOMBINANTS POSSEDDANT DES PROPRIETES THROMBOLYTIQUES ET ANTICOAGULANTES
 [72] MAHESHWARI, NEERAJ, IN
 [72] SAHNI, GIRISH, IN
 [73] COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, IN
 [85] 2013-02-05
 [86] 2011-08-05 (PCT/IB2011/001825)
 [87] (WO2012/017310)
 [30] IN (1845/DEL/2010) 2010-08-05

**Canadian Patents Issued
February 28, 2023**

[11] **2,818,917**
[13] C

- [51] Int.Cl. C12N 15/82 (2006.01)
 - [25] EN
 - [54] PLANTS HAVING INCREASED TOLERANCE TO HERBICIDES
 - [54] PLANTES AYANT UNE TOLERANCE ACCRUE AUX HERBICIDES
 - [72] HUTZLER, JOHANNES, DE
 - [72] APONTE, RAPHAEL, DE
 - [72] MIETZNER, THOMAS, DE
 - [72] WITSCHEL, MATTHIAS, DE
 - [72] SIMON, ANJA, DE
 - [72] LERCHL, JENS, DE
 - [72] TRESCH, STEFAN, DE
 - [72] MANKIN, S. LUKE, US
 - [73] BASF AGRO B.V., CH
 - [85] 2013-05-23
 - [86] 2011-12-15 (PCT/IB2011/055701)
 - [87] (WO2012/080975)
 - [30] US (61/423604) 2010-12-16
-

[11] **2,830,953**
[13] C

- [51] Int.Cl. C12N 5/0783 (2010.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01)
- [25] EN
- [54] METHOD AND COMPOSITIONS FOR CELLULAR IMMUNOTHERAPY
- [54] METHODES ET COMPOSITIONS POUR UNE IMMUNOTHERAPIE CELLULAIRE
- [72] RIDDELL, STANLEY R., US
- [72] HUDECEK, MICHAEL, DE
- [73] FRED HUTCHINSON CANCER CENTER, US
- [85] 2013-09-20
- [86] 2012-03-23 (PCT/US2012/030388)
- [87] (WO2012/129514)
- [30] US (61/466,552) 2011-03-23

[11] **2,837,243**
[13] C

- [51] Int.Cl. A24C 5/47 (2006.01) A24D 3/02 (2006.01)
 - [25] EN
 - [54] MODULAR APPARATUS FOR SMOKING ARTICLE MANUFACTURE
 - [54] APPAREIL MODULAIRE POUR FABRICATION D'ARTICLES A FUMER
 - [72] LE ROUX, GERHARD MALAN, ZA
 - [73] TOBACCO RESEARCH AND DEVELOPMENT INSTITUTE (PROPRIETARY) LIMITED, ZA
 - [85] 2013-11-25
 - [86] 2012-06-01 (PCT/EP2012/060366)
 - [87] (WO2012/164067)
 - [30] ZA (2011/04167) 2011-06-03
-

[11] **2,838,104**
[13] C

- [51] Int.Cl. H04L 12/16 (2006.01) G06F 16/951 (2019.01) G06F 9/46 (2006.01)
- [25] EN
- [54] HYBRID TASK ASSIGNMENT FOR WEB CRAWLING
- [54] GESTION DE TACHE HYBRIDE POUR EXPLORATION DU WEB
- [72] ONUT, IOSIF VIOREL, CA
- [72] TAHERI, SAYED M. MIR, CA
- [72] JOURDAN, GUY-VINCENT, CA
- [72] VON BOCHMANN, GREGOR, CA
- [73] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
- [86] (2838104)
- [87] (2838104)
- [22] 2013-12-24

[11] **2,838,210**
[13] C

- [51] Int.Cl. G09B 7/04 (2006.01)
- [25] EN
- [54] A FRACTAL BASED DECISION ENGINE FOR INTERVENTION
- [54] MOTEUR DE DECISION BASE SUR LES FRACTALES POUR INTERVENTION
- [72] GALEN, WILLIAM M., US
- [72] WARNAKULASOORIYA, RASIL, US
- [73] PEARSON EDUCATION, INC., US
- [86] (2838210)
- [87] (2838210)
- [22] 2013-12-23
- [30] US (13/726,492) 2012-12-24

[11] **2,838,497**
[13] C

- [51] Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 37/00 (2006.01)
 - [25] EN
 - [54] THERAPEUTIC ANTIBODIES
 - [54] ANTICORPS THERAPEUTIQUES
 - [72] ZAHN, STEFAN, DK
 - [72] ZEUTHEN, LOUISE HJERRILD, DK
 - [72] HANSEN, ANKER JON, DK
 - [72] KJÆRGAARD, KRISTIAN, DK
 - [72] LUND, SOREN, DK
 - [73] NOVO NORDISK A/S, DK
 - [85] 2013-12-05
 - [86] 2012-06-04 (PCT/EP2012/060524)
 - [87] (WO2012/168199)
 - [30] EP (11168787.7) 2011-06-06
 - [30] US (61/505,137) 2011-07-07
 - [30] EP (12159172.1) 2012-03-13
-

[11] **2,841,376**
[13] C

- [51] Int.Cl. A61K 38/17 (2006.01) A61K 38/16 (2006.01) A61K 39/245 (2006.01) A61K 48/00 (2006.01) A61P 31/00 (2006.01) A61P 37/00 (2006.01)
- [25] EN
- [54] N-TERMINAL DELETED GP120 IMMUNOGENS
- [54] IMMUNOGENES GP120 A EXTREMITE N-TERMINALE DELETEE
- [72] KIM, JEROME, US
- [72] HARRISON, STEPHEN, US
- [72] HAYNES, BARTON F., US
- [72] TOMARAS, GEORGIA D., US
- [72] MICHAEL, NELSON, US
- [73] DUKE UNIVERSITY, US
- [73] CHILDREN'S MEDICAL CENTER CORPORATION, US
- [73] THE GOVERNMENT OF THE UNITED STATES, AS REPRESENTED BY THE SECRETARY OF THE ARMY, ON BEHALF OF WALTER REED ARMY INSTITUTE OF RESEARCH, US
- [85] 2014-01-03
- [86] 2012-07-05 (PCT/US2012/045530)
- [87] (WO2013/006688)
- [30] US (61/457,906) 2011-07-05
- [30] US (61/529,137) 2011-08-30

**Brevets canadiens délivrés
28 février 2023**

[11] 2,843,162

[13] C

- [51] Int.Cl. C02F 1/50 (2006.01) A01N 25/00 (2006.01) A01N 37/00 (2006.01)
 - [25] EN
 - [54] USE OF SULFAMIC ACID OR ITS SALTS AS STABILIZERS FOR HALOGEN CONTAINING BIOCIDES
 - [54] UTILISATION D'ACIDE SULFAMIQUE OU DE SES SELS COMME STABILISATEURS DE BIOCIDES RENFERMANT UN HALOGENE
 - [72] TU, WEN LI, CN
 - [72] RICE, LAURA E., US
 - [72] COOPER, ANDREW J., US
 - [72] LUTH, ELIZA M., US
 - [72] LU, YU-MEI, TW
 - [72] SHEN, JIAN KUN, CN
 - [73] NALCO COMPANY, US
 - [85] 2014-01-24
 - [86] 2012-10-09 (PCT/US2012/059283)
 - [87] (WO2013/059019)
 - [30] CN (201110328654.3) 2011-10-21
 - [30] US (13/289,578) 2011-11-04
-

[11] 2,844,350

[13] C

- [51] Int.Cl. B62D 55/08 (2006.01) B62D 55/07 (2006.01)
- [25] EN
- [54] TRACK FOR TRACTION OF AN OFF-ROAD VEHICLE SUCH AS A SNOWMOBILE OR AN ALL-TERRAIN VEHICLE (ATV)
- [54] CHENILLE POUR LA TRACTION D'UN VEHICULE HORS ROUTE, COMME UNE MOTONEIGE OU UN VEHICULE TOUT TERRAIN (VTT)
- [72] DANDURAND, JULES, CA
- [72] COURTEMANCHE, DENIS, CA
- [72] DAVIS, JASON, US
- [73] CAMSO INC., CA
- [86] (2844350)
- [87] (2844350)
- [22] 2014-02-28
- [30] US (61/939,483) 2014-02-13

[11] 2,851,058

[13] C

- [51] Int.Cl. E04B 9/24 (2006.01) E04B 9/00 (2006.01) E04B 9/06 (2006.01) E04B 9/26 (2006.01)
 - [25] EN
 - [54] MODULAR SYSTEM FOR SUB-CEILINGS
 - [54] SYSTEME MODULAIRE POUR SOUS-PLAFOND
 - [72] GRANDI, RUGGERO, IT
 - [73] GEMINO S.R.L., IT
 - [85] 2014-04-03
 - [86] 2012-10-04 (PCT/IB2012/055336)
 - [87] (WO2013/050963)
 - [30] IT (VI2011A000268) 2011-10-05
-

[11] 2,854,279

[13] C

- [51] Int.Cl. C12N 1/21 (2006.01) C12N 9/16 (2006.01) C12N 15/55 (2006.01)
 - [25] EN
 - [54] BACTERIA AND METHOD FOR SYNTHESIZING FATTY ACIDS
 - [54] BACTERIES ET PROCEDE DE SYNTHESE D'ACIDES GRAS
 - [72] SAN, KA-YIU, US
 - [72] LI, MAI, US
 - [73] WILLIAM MARSH RICE UNIVERSITY, US
 - [85] 2014-05-01
 - [86] 2012-10-16 (PCT/US2012/060471)
 - [87] (WO2013/059218)
 - [30] US (61/548,005) 2011-10-17
 - [30] US (61/548,399) 2011-10-18
-

[11] 2,856,350

[13] C

- [51] Int.Cl. H04N 7/173 (2011.01) H04H 60/13 (2009.01) H04H 60/14 (2009.01)
- [25] EN
- [54] RECEPTION APPARATUS, RECEPTION METHOD, PROGRAM, AND INFORMATION PROCESSING SYSTEM
- [54] DISPOSITIF ET PROCEDE DE RECEPTION, PROGRAMME ET SYSTEME DE TRAITEMENT D'INFORMATIONS
- [72] KITAZATO, NAOHISA, JP
- [72] YAMAGISHI, YASUAKI, JP
- [72] DEWA, YOSHIHARU, JP
- [72] EYER, MARK, US
- [73] SONY CORPORATION, JP
- [73] SONY ELECTRONICS INC., US
- [85] 2014-05-20
- [86] 2012-12-13 (PCT/JP2012/082305)
- [87] (WO2013/094506)
- [30] US (61/578631) 2011-12-21

[11] 2,860,731

[13] C

- [51] Int.Cl. A61K 31/7105 (2006.01) A61P 3/04 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01) A61P 9/00 (2006.01)
 - [25] EN
 - [54] METHOD OF TREATING HYPERLIPIDEMIA AND ATHEROSCLEROSIS WITH MIR-30C
 - [54] PROCEDE DESTINE AU TRAITEMENT DE L'HYPERLIPIDEMIE ET DE L'ATHEROSCLEROSE PAR LE BIAIS DU MIR-30C
 - [72] HUSSAIN, M. MAHMOOD, US
 - [72] SOH, JAMES, US
 - [73] HUSSAIN, M. MAHMOOD, US
 - [73] SOH, JAMES, US
 - [85] 2014-07-07
 - [86] 2013-01-09 (PCT/US2013/020718)
 - [87] (WO2013/106358)
 - [30] US (61/584,958) 2012-01-10
-

[11] 2,861,205

[13] C

- [51] Int.Cl. E04B 2/86 (2006.01)
- [25] EN
- [54] VARIABLE-GEOMETRY SPACING CONNECTOR FOR FORMWORK AND MODULAR FORMWORK SYSTEM INCLUDING SUCH CONNECTOR
- [54] CONNECTEUR D'ESPACEMENT A GEOMETRIE VARIABLE POUR COFFRAGE ET SYSTEME DE COFFRAGE MODULAIRE COMPRENANT CE CONNECTEUR
- [72] CABONI, MICHELE, IT
- [73] CABONI, MICHELE, IT
- [85] 2014-07-14
- [86] 2012-01-10 (PCT/IT2012/000008)
- [87] (WO2012/095884)
- [30] IT (TO2011A000011) 2011-01-13

Canadian Patents Issued
February 28, 2023

[11] **2,864,354**
[13] C

- [51] Int.Cl. G01T 1/20 (2006.01) G01V 5/00 (2006.01)
 [25] EN
 [54] X-RAY INSPECTION USING WAVELENGTH-SHIFTING FIBER-COUPLED SCINTILLATION DETECTORS
 [54] CONTROLE PAR RAYONS X A L'AIDE DE DETECTEURS A SCINTILLATION COUPLES PAR LE BIAIS D'UNE FIBRE A DECALAGE DE LONGUEUR D'ONDE
 [72] ARODZERO, ANATOLI, US
 [72] CALLERAME, JOSEPH, US
 [72] DINCA, DAN-CRISTIAN, US
 [72] SUD, RAJEN, US
 [72] GRODZINS, LEE, US
 [72] ROMMEL, MARTIN, US
 [72] ROTHSCHILD, PETER, US
 [72] SCHUBERT, JEFFREY, US
 [73] AMERICAN SCIENCE AND ENGINEERING, INC., US
 [85] 2014-08-11
 [86] 2013-02-04 (PCT/US2013/024585)
 [87] (WO2013/122763)
 [30] US (61/598,521) 2012-02-14
 [30] US (61/598,576) 2012-02-14
 [30] US (61/607,066) 2012-03-06

[11] **2,865,675**
[13] C

- [51] Int.Cl. G16B 15/30 (2019.01) G16B 15/00 (2019.01) G16B 20/30 (2019.01) A61K 31/135 (2006.01) G01N 33/53 (2006.01) G01N 33/68 (2006.01)
 [25] EN
 [54] REPROGRAMMING EFFECTOR PROTEIN INTERACTIONS TO CORRECT EPIGENETIC DEFECTS IN CANCER
 [54] REPROGRAMMATION D'INTERACTIONS ENTRE PROTEINES EFFECTRICES POUR CORRIGER DES DEFAUTS EPIGENETIQUES DANS LE CANCER
 [72] JONES, STEVEN J.M., CA
 [72] YAKOVENKO, OLEKSANDR, CA
 [72] THOENE, SILVIA, CA
 [72] CHEUNG, PIERRE YULMIN, CA
 [72] AN, JIANGHONG, CA
 [73] BRITISH COLUMBIA CANCER AGENCY BRANCH, CA
 [85] 2014-08-27
 [86] 2013-02-27 (PCT/CA2013/050145)
 [87] (WO2013/127011)
 [30] US (61/603,650) 2012-02-27
 [30] US (61/637,282) 2012-04-24

[11] **2,869,531**
[13] C

- [51] Int.Cl. A61B 5/318 (2021.01) A61B 5/287 (2021.01)
 [25] EN
 [54] REVERSE ECG MAPPING
 [54] CARTOGRAPHIE ECG INVERSE
 [72] GOVARI, ASSAF, IL
 [73] BIOSENSE WEBSTER (ISRAEL) LTD., IL
 [86] (2869531)
 [87] (2869531)
 [22] 2014-11-04
 [30] US (14/528,967) 2014-10-30
 [30] US (61/903,484) 2013-11-13

[11] **2,873,549**
[13] C

- [51] Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61P 37/06 (2006.01) C07K 16/28 (2006.01) C12N 5/10 (2006.01) C12N 15/85 (2006.01) C12P 21/08 (2006.01)

- [25] EN
 [54] ST2 ANTIGEN BINDING PROTEINS

- [54] PROTEINES DE LIAISON A L'ANTIGENE ST2

- [72] SMITH, DIRK E., US
 [72] FOLTZ, IAN, CA

- [72] KING, CHADWICK T., CA
 [72] LIM, AI CHING, US

- [72] CLARK, RUTILIO, US
 [72] COMEAU, MICHAEL R., US

- [72] KETCHEM, RANDAL R., US

- [72] SHI, DONGHUI, US

- [72] MIN, XIAOSHAN, US

- [72] WANG, ZHULUN, US

- [73] AMGEN INC., US

- [85] 2014-11-12

- [86] 2013-05-17 (PCT/US2013/041656)

- [87] (WO2013/173761)

- [30] US (61/649,147) 2012-05-18

- [30] US (61/792,619) 2013-03-15

[11] **2,867,363**
[13] C

- [51] Int.Cl. A61K 38/10 (2006.01) A61P 7/02 (2006.01) C07K 7/08 (2006.01)
 [25] EN
 [54] TFPI INHIBITORS AND METHODS OF USE
 [54] INHIBITEURS DE LA VOIE DU FACTEUR TISSULAIRE (TFPI) ET PROCEDES D'UTILISATION
 [72] DOCKAL, MICHAEL, AT
 [72] HARTMANN, RUDOLF, AT
 [72] SCHEIFLINGER, FRIEDRICH, AT
 [72] OSTERKAMP, FRANK, DE
 [72] POLAKOWSKI, THOMAS, DE
 [72] REINEKE, ULRICH, DE
 [73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
 [85] 2014-09-12
 [86] 2013-01-31 (PCT/US2013/024167)
 [87] (WO2013/141965)
 [30] US (61/613,865) 2012-03-21

**Brevets canadiens délivrés
28 février 2023**

[11] 2,874,315

[13] C

- [51] Int.Cl. H02G 3/08 (2006.01) H01R 13/00 (2006.01) H02G 3/14 (2006.01)
- [25] EN
- [54] SINGLE-FASTENER MOUNTING PLATE FOR ELECTRICAL OUTLETS
- [54] PLAQUE DE MONTAGE A FIXATION UNIQUE POUR PRISES ELECTRIQUES
- [72] CARBONE, CHRISTOPHER ALAN, US
- [72] HOGESTYN, BART RICHARD, US
- [72] PAPAGEORGE, RYAN GENE, US
- [72] SCANZILLO, THOMAS LOUIS, US
- [73] HUBBELL INCORPORATED, US
- [86] (2874315)
- [87] (2874315)
- [22] 2014-12-11
- [30] US (14/132,561) 2013-12-18

[11] 2,874,742

[13] C

- [51] Int.Cl. B23K 20/10 (2006.01) B23K 20/26 (2006.01)
- [25] EN
- [54] WELDING METHOD AND APPARATUS THEREFOR
- [54] PROCEDE DE SOUDAGE ET APPAREIL ASSOCIE
- [72] LEUNG, DOMINIC CHEUK HUNG, CA
- [72] SCOTCHMER, NIGEL, CA
- [72] SHIJIE, DONG, CN
- [72] PING, LUO, CN
- [72] YING, CHANG, CN
- [72] HUIHU, WANG, CN
- [72] ZHIXIONG, XIE, CN
- [72] ZHONG, ZHENG, CN
- [72] WEI, YANG, CN
- [72] LIANZHUO, YANG, CN
- [72] QI, LIU, CN
- [72] YANQING, WANG, CN
- [73] HUYS INDUSTRIES LIMITED, CA
- [86] (2874742)
- [87] (2874742)
- [22] 2014-12-15
- [30] US (62/010,334) 2014-06-10
- [30] CN (CN 201310681469.1) 2013-12-16
- [30] CN (CN 201310681859.9) 2013-12-16

[11] 2,874,753

[13] C

- [51] Int.Cl. G01N 27/447 (2006.01)
- [25] EN
- [54] COMPOSITION AND METHOD FOR GEL ELECTROPHORESIS WITH IN-SITU CALIBRATION
- [54] COMPOSITION ET PROCEDE D'ELECTROPHORESE EN GEL AVEC ETALONNAGE IN SITU
- [72] GUADAGNO, PHILIP, US
- [72] SUMMERS, ERIN, US
- [73] HELENA LABORATORIES CORPORATION, US
- [85] 2014-11-25
- [86] 2013-05-29 (PCT/US2013/043140)
- [87] (WO2013/181267)
- [30] US (61/652,608) 2012-05-29
- [30] US (61/779,567) 2013-03-13

[11] 2,876,888

[13] C

- [51] Int.Cl. H01H 71/24 (2006.01) H01H 71/04 (2006.01) H01H 83/02 (2006.01)
- [25] EN
- [54] SELF-TEST GFCI DEVICE WITH DUAL SOLENOID COIL ELECTRONIC CONTROL
- [54] DISPOSITIF AUTOTESTE DE DISJONCTEUR DIFFERENTIEL DE FUITE A LA TERRE MUNI D'UNE COMMANDE ELECTRONIQUE A DEUX SOLENOIDES
- [72] SIMONIN, STEPHEN P., US
- [73] HUBBELL INCORPORATED, US
- [86] (2876888)
- [87] (2876888)
- [22] 2015-01-09
- [30] US (14/156,036) 2014-01-15

[11] 2,876,468

[13] C

- [51] Int.Cl. G06F 16/11 (2019.01) G06F 21/78 (2013.01) G06F 5/00 (2006.01) G06F 12/16 (2006.01) H03M 7/30 (2006.01)
- [25] EN
- [54] SYSTEM AND METHOD FOR SELECTIVE COMPRESSION IN A DATABASE BACKUP OPERATION
- [54] SYSTEME ET PROCEDE POUR COMPRESSION SELECTIVE DANS UNE OPERATION DE SAUVEGARDE DE BASE DE DONNEES
- [72] SAHA, TAPAS, IN
- [72] DAGAR, PRASHANT, IN
- [72] GAURAV, NEERAJ, IN
- [72] RODGER, KELLY D., CA
- [73] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
- [86] (2876468)
- [87] (2876468)
- [22] 2014-12-29

[11] 2,877,629

[13] C

- [51] Int.Cl. F26B 23/00 (2006.01) F02G 5/02 (2006.01) F26B 3/02 (2006.01)
- [25] EN
- [54] METHOD OF DRYING SALT AND SIMILAR MATERIALS THROUGH THE USE OF HEAT ENGINE WASTE HEAT
- [54] PROCEDE POUR SECHER DU SEL ET MATIERES SEMBLABLES GRACE A LA CHALEUR PERDUE PAR UN MOTEUR THERMIQUE
- [72] PINKHAM, DAN, US
- [73] COMPASS MINERALS AMERICA INC., US
- [86] (2877629)
- [87] (2877629)
- [22] 2015-01-12
- [30] US (61/925,945) 2014-01-10
- [30] US (14/593,668) 2015-01-09

Canadian Patents Issued
February 28, 2023

[11] 2,879,860
[13] C

- [51] Int.Cl. C12Q 1/6809 (2018.01) C12Q 1/6851 (2018.01) C12Q 1/686 (2018.01) C12Q 1/6895 (2018.01) A01H 1/04 (2006.01)
- [25] EN
- [54] ENDPOINT ZYGOSITY ASSAY TO DETECT RF4 GENE IN MAIZE
- [54] ANALYSE A POINT DE VIRAGE DE LA ZYGOSITE PERMETTANT DE DETECTER LE GENE RF4 DU MAIS
- [72] REN, RUIHUA, US
- [72] ZHENG, PEIZHONG, US
- [72] KUMPATLA, SIVA PRASAD, US
- [73] CORTEVA AGRISCIENCE LLC, US
- [85] 2015-01-22
- [86] 2013-07-23 (PCT/US2013/051622)
- [87] (WO2014/018501)
- [30] US (61/674,556) 2012-07-23

[11] 2,883,074
[13] C

- [51] Int.Cl. G07F 17/32 (2006.01) A63F 13/30 (2014.01)
- [25] EN
- [54] TECHNIQUES OF SYNCHRONIZING COMMUNICATIONS OF GAMING DEVICES FOR SHARED GAMING ACTIVITIES
- [54] TECHNIQUES DE SYNCHRONISATION DES COMMUNICATIONS DES DISPOSITIFS DE JEU, POUR DES ACTIVITES DE JEU PARTAGE
- [72] MORROW, JAMES WILLIAM, US
- [72] MILLER, SEAN, CA
- [72] BOUDREAU, BRADLEY, CA
- [73] IGT CANADA SOLUTIONS ULC, CA
- [85] 2015-02-27
- [86] 2015-02-11 (PCT/CA2015/050099)
- [87] (WO2016/095015)
- [30] US (14/572,589) 2014-12-16
- [30] US (14/572,622) 2014-12-16

[11] 2,884,034
[13] C

- [51] Int.Cl. B61D 45/00 (2006.01)
- [25] EN
- [54] STAKE POCKET FOR RAILROAD CAR
- [54] Gaine de potelet pour wagon
- [72] VEIT, OLIVER, CA
- [73] NATIONAL STEEL CAR LIMITED, CA
- [86] (2884034)
- [87] (2884034)
- [22] 2015-03-05

[11] 2,889,674
[13] C

- [51] Int.Cl. A61B 18/14 (2006.01) A61M 31/00 (2006.01) A61N 1/05 (2006.01)
- [25] EN
- [54] SYSTEMS, METHODS, AND DEVICES FOR MONITORING AND TREATMENT OF TISSUES WITHIN AND/OR THROUGH A LUMEN WALL

- [54] SYSTEMES, PROCEDES ET DISPOSITIFS DE SURVEILLANCE ET DE TRAITEMENT DE TISSUS A L'INTERIEUR ET/OU A TRAVERS UNE PAROI DE LUMIERE
- [72] TOTH, LANDY, US
- [72] MARTIN, ROY, US
- [73] AUTONOMIX MEDICAL, INC., US
- [85] 2015-04-27
- [86] 2013-10-31 (PCT/US2013/067726)
- [87] (WO2014/070999)
- [30] US (61/722,264) 2012-11-05

[11] 2,889,864
[13] C

- [51] Int.Cl. C12N 9/54 (2006.01)
- [25] EN
- [54] COMPOSITIONS AND METHODS COMPRISING THERMOLYSIN PROTEASE VARIANTS
- [54] COMPOSITIONS ET PROCEDES COMPORTANT DES VARIANTES DE THERMOLYSINE PROTEASE
- [72] ALEKSEYEV, VIKTOR YURYEVICH, US
- [72] BABE, LILIA MARIA, US
- [72] ESTELL, DAVID A., US
- [72] GOEDEGEBUUR, FRITS, US
- [72] MULDER, HARM, US
- [72] TORRES PAZMINO, DANIEL ESTEBAN, US
- [72] YAO, JIAN, US
- [72] BOTT, RICHARD R., US
- [73] DANISCO US INC., US
- [85] 2015-04-28
- [86] 2013-11-05 (PCT/US2013/068590)
- [87] (WO2014/071410)
- [30] US (61/722,660) 2012-11-05

[11] 2,890,745
[13] C

- [51] Int.Cl. A61M 25/092 (2006.01) A61M 25/01 (2006.01)
- [25] EN
- [54] COAXIAL BI-DIRECTIONAL CATHETER
- [54] CATHETER BIDIRECTIONNEL COAXIAL
- [72] HEBERT, STEPHEN J., US
- [73] AGILE DEVICES, INC., US
- [85] 2015-05-06
- [86] 2013-11-11 (PCT/US2013/069435)
- [87] (WO2014/074986)
- [30] US (61/724,921) 2012-11-10
- [30] US (14/064,170) 2013-10-27

**Brevets canadiens délivrés
28 février 2023**

[11] 2,894,064
[13] C

- [51] Int.Cl. F02B 19/00 (2006.01) F02B 43/04 (2006.01) F02D 19/02 (2006.01) F02P 5/145 (2006.01)
 - [25] EN
 - [54] IMPROVEMENTS FOR NATURAL GAS ENGINES TO REDUCE NOX EMISSIONS
 - [54] AMELIORATIONS DE MOTEURS AU GAZ NATUREL EN VUE DE REDUIRE LES EMISSIONS DE NOX
 - [72] MALM, HOWARD, CA
 - [72] BOBYK, BRIAN ROBERT, CA
 - [72] BROWN, GREGORY ANTHONY, CA
 - [73] REM TECHNOLOGY INC., CA
 - [86] (2894064)
 - [87] (2894064)
 - [22] 2015-06-11
-

[11] 2,894,143
[13] C

- [51] Int.Cl. H01L 29/08 (2006.01) H01L 27/08 (2006.01) H01L 29/16 (2006.01)
- [25] EN
- [54] CELLULAR LAYOUT FOR SEMICONDUCTOR DEVICES
- [54] DISPOSITION CELLULAIRE DE DISPOSITIFS SEMI-CONDUCTEURS
- [72] BOLOTNIKOV, ALEXANDER VIKTOROVICH, US
- [72] LOSEE, PETER ALMERN, US
- [73] GENERAL ELECTRIC COMPANY, US
- [86] (2894143)
- [87] (2894143)
- [22] 2015-06-11
- [30] US (14/313,785) 2014-06-24

[11] 2,895,148
[13] C

- [51] Int.Cl. C12N 5/0775 (2010.01) A61K 35/28 (2015.01) A61K 38/19 (2006.01) A61P 37/06 (2006.01)
 - [25] EN
 - [54] METHODS MODULATING IMMUNOREGULATORY EFFECT OF STEM CELLS
 - [54] PROCEDES PERMETTANT LA MODULATION DE L'EFFET IMMUNOREGULATEUR DES CELLULES SOUCHES
 - [72] SHI, YUFANG, US
 - [72] REN, GUANGWEN, US
 - [72] ZHANG, LIYING, US
 - [73] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
 - [85] 2015-06-12
 - [86] 2013-12-14 (PCT/US2013/075208)
 - [87] (WO2014/093948)
 - [30] US (61/737,616) 2012-12-14
-

[11] 2,896,215
[13] C

- [51] Int.Cl. H04L 27/18 (2006.01)
- [25] EN
- [54] IMPROVED CONTINUOUS PHASE MODULATION METHOD AND EMITTER IMPLEMENTING SAID METHOD
- [54] METHODE DE MODULATION DE PHASE CONTINUE AMELIOREE ET EMETTEUR METTANT EN OEUVRE LADITE METHODE
- [72] BAPTISTE, FRANCOIS, FR
- [72] LE NAOUR, ADRIEN, FR
- [72] DENICOURT, ALBAN, FR
- [72] VINCENT, CELIEN, FR
- [72] FELIX, VALENTIN, FR
- [73] THALES, FR
- [86] (2896215)
- [87] (2896215)
- [22] 2015-07-03
- [30] FR (1401507) 2014-07-04

[11] 2,897,081
[13] C

- [51] Int.Cl. F25B 40/02 (2006.01) A47F 3/04 (2006.01) F24F 3/153 (2006.01) F24F 12/00 (2006.01) F25B 6/00 (2006.01) F25D 13/02 (2006.01)
 - [25] EN
 - [54] TRANSCRITICAL R744 REFRIGERATION SYSTEM WITH GAS COOLER OUTLET VAPORS USED AS A HEAT SOURCE FOR THE DEHUMIDIFYING COIL
 - [54] MECANISME DE REFRIGERATION TRANSCRITIQUE R744 A VAPEURS DE SORTIE DE REFROIDISSEUR DE GAZ EMPLOYES COMME SOURCE DE CHALEUR POUR LE SERPENTIN DE DESHUMIDIFICATION
 - [72] KANTCHEV, JORDAN, CA
 - [73] EVAPCO SYSTEMS LMP, ULC, CA
 - [86] (2897081)
 - [87] (2897081)
 - [22] 2015-07-10
 - [30] US (62/022,887) 2014-07-10
-

[11] 2,898,587
[13] C

- [51] Int.Cl. G06F 21/16 (2013.01) G06F 21/36 (2013.01) H04N 1/32 (2006.01)
- [25] EN
- [54] DIGITISED HANDWRITTEN SIGNATURE AUTHENTICATION
- [54] AUTHENTIFICATION DE SIGNATURE MANUSCRITE NUMERISEE
- [72] CECE, PHILIPPE, FR
- [73] BANKS AND ACQUIRERS INTERNATIONAL HOLDING, FR
- [85] 2015-07-17
- [86] 2014-02-07 (PCT/EP2014/052498)
- [87] (WO2014/122297)
- [30] FR (1351087) 2013-02-08

Canadian Patents Issued
February 28, 2023

[11] 2,899,728

[13] C

- [51] Int.Cl. G06T 17/00 (2006.01) G06T 17/05 (2011.01) G06F 17/18 (2006.01) G06Q 40/08 (2012.01)
 - [25] EN
 - [54] STATISTICAL POINT PATTERN MATCHING TECHNIQUE
 - [54] TECHNIQUE DE MISE EN CORRESPONDANCE STATISTIQUE DE MOTIF DE POINT
 - [72] CIARCA, CHRISTOPHER ALBERT, US
 - [73] EAGLE VIEW TECHNOLOGIES, INC., US
 - [85] 2015-07-29
 - [86] 2014-01-31 (PCT/US2014/014274)
 - [87] (WO2014/121127)
 - [30] US (61/759,251) 2013-01-31
 - [30] US (13/844,572) 2013-03-15
 - [30] US (13/959,406) 2013-08-05
-

[11] 2,900,175

[13] C

- [51] Int.Cl. F23R 3/46 (2006.01) F02C 7/22 (2006.01)
- [25] EN
- [54] ATOMIZING FUEL NOZZLE
- [54] INJECTEUR DE CARBURANT
- [72] MCCALDON, KIAN, CA
- [72] MORENKO, OLEG, CA
- [73] PRATT & WHITNEY CANADA CORP., CA
- [86] (2900175)
- [87] (2900175)
- [22] 2015-08-11
- [30] US (14/458,533) 2014-08-13

[11] 2,900,992

[13] C

- [51] Int.Cl. C12N 5/0735 (2010.01) C12N 15/873 (2010.01) A01K 67/02 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12N 15/85 (2006.01)
 - [25] EN
 - [54] GENETIC MODIFICATION OF RATS
 - [54] MODIFICATION GENETIQUE DE RATS
 - [72] LEE, JEFFREY, D., US
 - [72] AUERBACH, WOJTEK, US
 - [72] HESLIN, DAVID, US
 - [72] FRENDWEY, DAVID, US
 - [72] LAI, KA-MAN VENUS, US
 - [72] VALENZUELA, DAVID M., US
 - [73] REGENERON PHARMACEUTICALS, INC., US
 - [85] 2015-08-11
 - [86] 2014-02-20 (PCT/US2014/017452)
 - [87] (WO2014/130706)
 - [30] US (61/767,093) 2013-02-20
-

[11] 2,901,721

[13] C

- [51] Int.Cl. G01V 9/00 (2006.01) E01B 35/00 (2006.01) G01V 8/02 (2006.01)
 - [25] FR
 - [54] CHARACTERIZATION METHOD FOR A RAILWAY BED, DEVICE TO VISUALIZE INSIDE THE GROUND AND CHARACTERIZATION ASSEMBLY FOR A RAILWAY BED INCLUDING SUCH A DEVICE
 - [54] METHODE DE CARACTERISATION DE L'ASSISE D'UNE VOIE FERREE, DISPOSITIF POUR VISUALISER L'INTERIEUR D'UN SOL ET ENSEMBLE DE CARACTERISATION DE L'ASSISE D'UNE VOIE FERREE COMPRENANT UN TEL DISPOSITIF
 - [72] GOURVES, ROLAND, FR
 - [72] HADDANI, YOUNES, FR
 - [73] SOL SOLUTION, FR
 - [86] (2901721)
 - [87] (2901721)
 - [22] 2015-08-25
 - [30] FR (14 58 644) 2014-09-15
-

[11] 2,902,473

[13] C

- [51] Int.Cl. E06B 9/40 (2006.01) A47H 2/00 (2006.01) E06B 9/42 (2006.01)
 - [25] EN
 - [54] ROLLER SHADE SYSTEM
 - [54] SYSTEME DE TOILE A ENROULEMENT
 - [72] MOCANU, CATALIN AUREL, CA
 - [72] CAPPELLO, PHILIP, CA
 - [73] SUN GLOW WINDOW COVERING PRODUCTS OF CANADA LTD., CA
 - [86] (2902473)
 - [87] (2902473)
 - [22] 2015-08-31
-

[11] 2,903,248

[13] C

- [51] Int.Cl. G02B 1/12 (2006.01) C03C 17/34 (2006.01) G02B 1/11 (2015.01)
 - [25] EN
 - [54] ANTIREFLECTIVE COATING FOR GLASS APPLICATIONS AND METHOD OF FORMING SAME
 - [54] REVETEMENT ANTIREFLETS POUR DES APPLICATIONS DE VERRE ET SON PROCEDE DE FORMATION
 - [72] ZOU, MIN, US
 - [72] THOMPSON, COREY, US
 - [72] FLEMING, ROBERT A., US
 - [73] BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, US
 - [85] 2015-08-31
 - [86] 2014-03-03 (PCT/US2014/019806)
 - [87] (WO2014/134594)
 - [30] US (61/771,191) 2013-03-01
-

[11] 2,903,688

[13] C

- [51] Int.Cl. A47C 23/04 (2006.01) A47C 23/05 (2006.01)
- [25] EN
- [54] MATTRESS MANUFACTURING PROCESS AND APPARATUS
- [54] PROCEDE ET APPAREIL DE FABRICATION DE MATELAS
- [72] DIMARCO, MICHAEL A., US
- [73] DREAMWELL, LTD., US
- [86] (2903688)
- [87] (2903688)
- [22] 2015-09-08
- [30] US (14/481,419) 2014-09-09

**Brevets canadiens délivrés
28 février 2023**

[11] 2,903,698

[13] C

- [51] Int.Cl. A01K 67/027 (2006.01) C07K 16/00 (2006.01) C07K 16/46 (2006.01) C12N 15/85 (2006.01)
- [25] EN
- [54] MICE EXPRESSING A LIMITED IMMUNOGLOBULIN LIGHT CHAIN REPERTOIRE
- [54] SOURIS EXPRIMANT UN REPERTOIRE LIMITE DE CHAINES LEGERES D'IMMUNOGLOBULINE
- [72] MCWHIRTER, JOHN, US
- [72] MACDONALD, LYNN, US
- [72] STEVENS, SEAN, US
- [72] MURPHY, ANDREW J., US
- [73] REGENERON PHARMACEUTICALS, INC., US
- [85] 2015-09-01
- [86] 2014-03-13 (PCT/US2014/026040)
- [87] (WO2014/160202)
- [30] US (13/798,455) 2013-03-13
-

[11] 2,903,993

[13] C

- [51] Int.Cl. A61K 9/06 (2006.01) A61K 9/16 (2006.01) A61K 45/06 (2006.01) A61K 47/36 (2006.01) A61L 31/14 (2006.01) A61L 31/16 (2006.01) A61P 9/10 (2006.01)
- [25] EN
- [54] PHARMACEUTICAL FORMULATION FOR USE IN THE TREATMENT AND/OR PREVENTION OF RESTENOSIS
- [54] COMPOSITION PHARMACEUTIQUE A UTILISER DANS LE TRAITEMENT ET/OU LA PREVENTION DE LA RESTENOSE
- [72] DELIE, FLORENCE, CH
- [72] JORDAN, OLIVIER, CH
- [72] LUCA, LUDMILA, CH
- [72] SAUCY, FRANCOIS, CH
- [72] HAEFLIGER, JACQUES-ANTOINE, CH
- [72] MYLONAKI, IOANNA, CH
- [73] CENTRE HOSPITALIER UNIVERSITAIRE VAUDOIS (C.H.U.V), CH
- [85] 2015-09-03
- [86] 2014-03-27 (PCT/EP2014/056157)
- [87] (WO2014/154804)
- [30] US (61/805,716) 2013-03-27
-

[11] 2,905,221

[13] C

- [51] Int.Cl. G01N 33/66 (2006.01) G16H 50/30 (2018.01) A61B 5/145 (2006.01)
- [25] EN
- [54] SYSTEM AND METHODS FOR ANALYZING BLOOD GLUCOSE DATA AND QUANTIFYING THE SUCCESS OR FAILURE OF INSULIN THERAPY
- [54] SYSTEME ET PROCEDES POUR ANALYSER DES DONNEES DE GLYCEMIE ET QUANTIFIER LA REUSSITE OU L'ECHEC D'UNE INSULINOTHERAPIE
- [72] REES, CHRISTEN A., US
- [72] WAGNER, ROBIN, US
- [72] WEGMANN, NATHAN, US
- [73] F. HOFFMANN-LA ROCHE AG, CH
- [85] 2015-09-10
- [86] 2014-03-12 (PCT/EP2014/054771)
- [87] (WO2014/140066)
- [30] US (13/803,770) 2013-03-14
-

[11] 2,905,493

[13] C

- [51] Int.Cl. E21B 33/14 (2006.01)
- [25] EN
- [54] CASING LANDING AND CEMENTING TOOL AND METHODS OF USE
- [54] OUTIL DE POSE ET CIMENTATION DE TUBAGE ET METHODES D'UTILISATION
- [72] GOSELIN, RANDALL E., CA
- [73] LONGHORN CASING TOOLS, INC., CA
- [86] (2905493)
- [87] (2905493)
- [22] 2015-09-30
- [30] US (62/057,770) 2014-09-30
- [30] US (62/219,818) 2015-09-17
-

[11] 2,905,591

[13] C

- [51] Int.Cl. A61N 2/10 (2006.01) A61B 18/24 (2006.01) A61N 2/06 (2006.01)
- [25] EN
- [54] FISTULA FORMULATION DEVICES AND METHODS THEREFOR
- [54] DISPOSITIF DE FORMULATION DE FISTULE, ET PROCEDES ASSOCIES
- [72] PATE, THOMAS DIFFLEY, US
- [73] TVA MEDICAL, INC., US
- [85] 2015-09-10
- [86] 2014-03-14 (PCT/US2014/029731)
- [87] (WO2014/153229)
- [30] US (61/785,509) 2013-03-14
-

[11] 2,906,784

[13] C

- [51] Int.Cl. C07K 5/027 (2006.01) A61K 31/18 (2006.01) A61K 38/05 (2006.01) A61P 35/00 (2006.01) C07K 5/06 (2006.01) C07K 5/08 (2006.01) C07K 16/00 (2006.01)
- [25] EN
- [54] CYTOTOXIC AND ANTI-MITOTIC COMPOUNDS, AND METHODS OF USING THE SAME
- [54] COMPOSES CYTOTOXIQUES ET ANTIMITOTIQUES ET LEURS PROCEDES D'UTILISATION
- [72] BOURQUE, ELYSE MARIE JOSEE, US
- [72] BABCOOK, JOHN, CA
- [72] HEDBERG, BRADLEY JOHN, CA
- [72] HSIEH, TOM HAN HSIAO, CA
- [72] MANDEL, ALEXANDER LAURENCE, CA
- [72] RICH, JAMES R., CA
- [72] WINTERS, GEOFFREY C., CA
- [73] ZYMEWORKS BC INC., CA
- [85] 2015-09-14
- [86] 2014-03-14 (PCT/US2014/029463)
- [87] (WO2014/144871)
- [30] US (61/792,020) 2013-03-15
- [30] US (61/792,066) 2013-03-15

**Canadian Patents Issued
February 28, 2023**

[11] **2,907,225**
[13] C

- [51] Int.Cl. B01D 45/04 (2006.01)
[25] EN
[54] APPARATUS AND METHOD FOR GAS-LIQUID SEPARATION
[54] APPAREIL ET PROCEDE POUR SEPARATION GAZ-LIQUIDE
[72] ELMS, DAVID JAMES, US
[72] HUDSPETH, GREGORY ALLEN, US
[73] HAVEN TECHNOLOGY SOLUTIONS LLC, US
[85] 2015-09-15
[86] 2014-03-12 (PCT/US2014/024367)
[87] (WO2014/150836)
[30] US (13/841,881) 2013-03-15
-

[11] **2,908,365**
[13] C

- [51] Int.Cl. A61K 31/045 (2006.01) A61K 31/513 (2006.01) A61P 25/00 (2006.01)
[25] EN
[54] TREATMENT OR PREVENTION OF NON-INFLAMMATORY NEURONAL DAMAGE FROM BRAIN TRAUMA AND STROKES USING LINALOOL
[54] TRAITEMENT OU PREVENTION DES DOMMAGES NEURONAUX NON INFLAMMATOIRES DES TRAUMATISMES CEREBRAUX ET DES ACCIDENTS VASCULAIRES CEREBRAUX AU MOYEN DE LINALOL
[72] CAMACHO, SUSANA, CH
[72] MICHIGON GONZALEZ, STEPHANIE, CH
[72] LE COUTRE, JOHANNES, CH
[72] MARKRAM, HENRY, CH
[72] PEZZOLI, MAURIZIO, CH
[73] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2015-09-29
[86] 2014-05-23 (PCT/EP2014/060637)
[87] (WO2014/187945)
[30] US (61/827,232) 2013-05-24
-

[11] **2,908,369**
[13] C

- [51] Int.Cl. C12N 5/077 (2010.01) C12N 5/073 (2010.01) A61K 35/32 (2015.01) A61P 19/00 (2006.01) C12Q 1/02 (2006.01) G01N 33/48 (2006.01) G01N 33/50 (2006.01)
[25] EN
[54] METHODS AND COMPOSITIONS FOR GENERATING CHONDROCYTE LINEAGE CELLS AND/OR CARTILAGE LIKE TISSUE
[54] PROCEDES ET COMPOSITIONS PERMETTANT DE GENERER DES CELLULES DE LA LIGNEE DES CHONDROCYTES ET/OU UN TISSU DE TYPE CARTILAGE
[72] KELLER, GORDON, CA
[72] CRAFT, APRIL M., CA
[73] UNIVERSITY HEALTH NETWORK, CA
[85] 2015-09-29
[86] 2014-04-02 (PCT/CA2014/000312)
[87] (WO2014/161075)
[30] US (61/809,050) 2013-04-05
-

[11] **2,910,647**
[13] C

- [51] Int.Cl. H01M 50/588 (2021.01) H01R 24/76 (2011.01) H01M 50/147 (2021.01) H02J 1/00 (2006.01) H02J 7/00 (2006.01)
[25] EN
[54] PORTABLE ELECTRICAL POWER SUPPLY DEVICE
[54] DISPOSITIF D'ALIMENTATION ELECTRIQUE PORTABLE
[72] ANDRE, JEROME, FR
[72] DEMANGE, FABIEN, FR
[72] BERTHIAUD, OLIVIER, FR
[73] BANKS AND ACQUIRERS INTERNATIONAL HOLDING, FR
[86] (2910647)
[87] (2910647)
[22] 2015-10-28
[30] FR (1460590) 2014-11-03
-

[11] **2,910,656**
[13] C

- [51] Int.Cl. B60D 5/00 (2006.01) B61D 49/00 (2006.01) B62D 25/20 (2006.01) B62D 31/02 (2006.01)
[25] FR
[54] PASSAGEWAY DEVICE, INTENDED TO EQUIP AN ARTICULATED PUBLIC TRANSPORTATION VEHICLE, SPECIFICALLY A RAIL VEHICLE
[54] DISPOSITIF D'INTERCIRCULATION, DESTINE A EQUIPER UN VEHICLE ARTICULE DE TRANSPORT PUBLIC, NOTAMMENT UN VEHICULE FERROVIAIRE
[72] COMBEAU, ERIC, FR
[72] LE BRETON, FREDERIC, FR
[72] MENANTEAU, GAETAN, FR
[72] PINAUD, YANN, FR
[73] ALSTOM TRANSPORT TECHNOLOGIES, FR
[86] (2910656)
[87] (2910656)
[22] 2015-10-28
[30] FR (14 60 729) 2014-11-06
-

[11] **2,911,191**
[13] C

- [51] Int.Cl. A61K 39/00 (2006.01) A61K 39/39 (2006.01) A61P 35/00 (2006.01)
[25] EN
[54] CANCER STEM CELL TARGETED CANCER VACCINES
[54] VACCINS ANTICANCEREUX CIBLES VERS DES CELLULES SOUCHES CANCEREUSES
[72] CIRRITO, THOMAS P., US
[72] BERGSTEIN, IVAN, US
[72] BROOKS, CHRISTOPHER, US
[73] STEMLINE THERAPEUTICS, INC., US
[85] 2015-11-02
[86] 2013-05-15 (PCT/US2013/041063)
[87] (WO2013/173411)
[30] US (61/647,615) 2012-05-16

Brevets canadiens délivrés
28 février 2023

[11] **2,911,299**

[13] C

- [51] Int.Cl. H01H 71/12 (2006.01) H01H
 9/26 (2006.01)
 [25] EN
 [54] CIRCUIT BREAKERS WITH
 COMMON TRIP CAMS AND
 RELATED TRIP CAMS
 [54] DISJONCTEURS A CAMES DE
 DECLENCHEMENT COMMUNES
 ET CAMES DE
 DECLENCHEMENT ASSOCIEES
 [72] GATES, DANIEL QUENTIN, US
 [72] GIBSON, JEFFREY SCOTT, US
 [73] EATON INTELLIGENT POWER
 LIMITED, IE
 [86] (2911299)
 [87] (2911299)
 [22] 2015-11-04
 [30] US (14/575,426) 2014-12-18
-

[11] **2,911,591**

[13] C

- [51] Int.Cl. H02J 3/06 (2006.01)
 [25] EN
 [54] TRANSFER SWITCH INCLUDING
 A LOAD MANAGEMENT SYSTEM
 AND ASSOCIATED METHOD
 [54] COMMUTATEUR DE TRANSFERT
 COMPORANT UN MECANISME
 DE GESTION DE CHARGE ET
 METHODE ASSOCIEE
 [72] LATHROP, TODD MATTHEW, US
 [72] POPOVICH, BERT, US
 [73] EATON INTELLIGENT POWER
 LIMITED, IE
 [86] (2911591)
 [87] (2911591)
 [22] 2015-11-06
 [30] US (14/608,468) 2015-01-29
-

[11] **2,911,633**

[13] C

- [51] Int.Cl. A61N 1/36 (2006.01) A61N
 1/05 (2006.01)
 [25] EN
 [54] DEVICES AND METHODS FOR
 STIMULATING NERVES
 [54] DISPOSITIFS ET PROCEDES DE
 STIMULATION DE NERFS
 [72] HAESSLER, ALEXANDRA, US
 [73] FEMPULSE, LLC, US
 [85] 2015-11-06
 [86] 2013-06-08 (PCT/US2013/044855)
 [87] (WO2013/185121)
 [30] US (13/492,855) 2012-06-09
 [30] US (13/844,472) 2013-03-15
 [30] US (13/913,390) 2013-06-08
-

[11] **2,911,788**

[13] C

- [51] Int.Cl. B03B 9/02 (2006.01) B01D 9/02
 (2006.01) B01D 53/14 (2006.01)
 [25] EN
 [54] RECOVERING SOLID WASTE
 BRINE FROM PROCESSED
 WATER UTILIZING A FLUIDIZED
 BED SPRAY GRANULATOR
 SYSTEM
 [54] RECUPERATION DE SAUMURE
 SOLIDE D'EAU TRAITEE AU
 MOYEN D'UN SYSTEME DE
 GRANULATEUR
 PULVERISATEUR DE LIT
 FLUIDISE
 [72] FROCHLICH, NICHOLAS ROBERT,
 US
 [72] HAUPTEMANN, MARCUS, US
 [72] KROEHL, PAUL, DE
 [73] ANDRITZ INC., US
 [86] (2911788)
 [87] (2911788)
 [22] 2015-11-10
 [30] US (62/087,921) 2014-12-05
 [30] US (14/931,323) 2015-11-03
-

[11] **2,911,806**

[13] C

- [51] Int.Cl. B60R 13/02 (2006.01)
 [25] EN
 [54] TRIM RETAINER - STAB CLIP
 [54] DISPOSITIF DE RETENUE DE
 GARNITURE ET PINCE GUIDE
 [72] BACHELDER, THEODORE J., US
 [72] ANDOR, RONALD J., US
 [72] ANDOR, MOLLI J., US
 [72] GIGNILLIAT, MICHAEL S., US
 [73] MAGNA EXTERIORS INC., CA
 [86] (2911806)
 [87] (2911806)
 [22] 2015-11-10
 [30] US (62/077,445) 2014-11-10
-

[11] **2,911,917**

[13] C

- [51] Int.Cl. E05D 15/26 (2006.01) E06B
 3/48 (2006.01)
 [25] EN
 [54] BI-FOLD DOOR LATCH
 ASSEMBLY
 [54] MECANISME DE VERROU DE
 PORTE PLIANTE
 [72] SCHWEISS, MICHAEL L., US
 [73] SORREL QUARTERS, LLC, US
 [86] (2911917)
 [87] (2911917)
 [22] 2015-11-12
 [30] US (62/193,706) 2015-07-17
-

[11] **2,912,118**

[13] C

- [51] Int.Cl. H04W 72/21 (2023.01) H04B
 17/382 (2015.01) H04W 36/36
 (2009.01)
 [25] EN
 [54] METHOD, DEVICE AND SYSTEM
 FOR PERFORMING WIRELESS
 COMMUNICATION IN WIRELESS
 COMMUNICATION SYSTEM
 [54] PROCEDE, DISPOSITIF ET
 SYSTEME PERMETTANT
 D'EXECUTER UNE
 COMMUNICATION SANS FIL
 DANS UN SYSTEME DE
 COMMUNICATION SANS FIL
 [72] QIN, ZHONGBIN, CN
 [73] SONY CORPORATION, JP
 [85] 2015-11-10
 [86] 2014-05-19 (PCT/CN2014/077786)
 [87] (WO2014/190859)
 [30] CN (201310202975.8) 2013-05-28
-

[11] **2,912,178**

[13] C

- [51] Int.Cl. A23K 50/70 (2016.01) A23K
 20/163 (2016.01) A23K 20/20
 (2016.01) A23K 40/10 (2016.01) A01K
 39/00 (2006.01)
 [25] EN
 [54] NECTAR FOR BIRDS
 [54] NECTAR POUR OISEAUX
 [72] MCWILLIAMS, DEBORAH A., CA
 [73] CANADIAN WILDLIFE
 FEDERATION / FEDERATION
 CANADIENNE DE LA FAUNE, CA
 [86] (2912178)
 [87] (2912178)
 [22] 2015-11-17
 [30] US (62/080,671) 2014-11-17

**Canadian Patents Issued
February 28, 2023**

[11] 2,912,494

[13] C

- [51] Int.Cl. A01G 9/029 (2018.01) A01G 24/00 (2018.01) A01G 31/00 (2018.01) C08G 18/10 (2006.01) C08G 18/76 (2006.01) C09K 17/30 (2006.01)
 - [25] EN
 - [54] POLYURETHANE FOAM FOR USE AS ADDITIVE IN PLANT GROWTH SUBSTRATES
 - [54] MOUSSE DE POLYURETHANE A UTILISER COMME ADDITIF DANS LES SUBSTRATS DE CROISSANCE DE PLANTE
 - [72] VANDEVELDE, ANNELIES, BE
 - [72] MOUREAU, HERMAN EUGENE GERMAIN, BE
 - [72] INVERNIZZI, FABIO, BE
 - [72] WEGGELAAR, ROBERT, ES
 - [73] HUNTSMAN INTERNATIONAL LLC, US
 - [85] 2015-11-13
 - [86] 2014-05-26 (PCT/EP2014/060795)
 - [87] (WO2014/206667)
 - [30] EP (13173338.8) 2013-06-24
-

[11] 2,914,279

[13] C

- [51] Int.Cl. C10L 1/222 (2006.01) C10L 1/188 (2006.01) C10L 10/04 (2006.01)
- [25] EN
- [54] USE OF NITROGEN COMPOUNDS QUATERNISED WITH ALKYLENE OXIDE AND HYDROCARBYL-SUBSTITUTED POLYCARBOXYLIC ACID AS ADDITIVES IN FUELS AND LUBRICANTS
- [54] UTILISATION DE COMPOSES D'AZOTE QUATERNISES AVEC UN OXYDE D'ALKYLENE ET DE L'ACIDE POLYCARBOXYLIQUE SUBSTITUE PAR UN HYDROCARBYLE COMME ADDITIFS DANS LES CARBURANTS ET LES LUBRIFIANTS

[72] HANSCH, MARKUS, DE
 [72] BOHNKE, HARALD, DE
 [72] GRABARSE, WOLFGANG, DE
 [72] VOLKEL, LUDWIG, DE
 [72] PERETOLCHIN, MAXIM, DE
 [73] BASF SE, DE
 [85] 2015-12-02
 [86] 2014-06-06 (PCT/EP2014/061834)
 [87] (WO2014/195464)
 [30] EP (13171057.6) 2013-06-07
 [30] EP (14151379.6) 2014-01-16

[11] 2,914,394

[13] C

- [51] Int.Cl. E21B 23/03 (2006.01) E21B 33/068 (2006.01)
 - [25] EN
 - [54] APPARATUS FOR BALL CATCHING
 - [54] APPAREIL SERVANT A ATTRAPER DES BALLES
 - [72] WEBSTER, MATTHEW, CA
 - [72] SMITH, CAMERON, CA
 - [73] SPM OIL & GAS PC CANADA LTD., CA
 - [86] (2914394)
 - [87] (2914394)
 - [22] 2015-12-09
 - [30] CA (2876453) 2015-01-06
-

[11] 2,914,975

[13] C

- [51] Int.Cl. A61M 39/10 (2006.01) A61M 5/142 (2006.01)
- [25] EN
- [54] FLUID CONNECTOR ASSEMBLY
- [54] ENSEMBLE DE RACCORD DE FLUIDE
- [72] GRANT, KEVIN L., US
- [72] DEMERS, JASON A., US
- [72] TRACEY, BRIAN D., US
- [72] KAMEN, DEAN, US
- [72] LANIGAN, RICHARD J., US
- [72] LANIER, GREGORY R., JR., US
- [72] FOO, BRIGHT, C.K., US
- [72] PANNETON, LISA A., US
- [72] SOLDAU, THOMAS F., US
- [72] FICHERA, STEPHEN L., US
- [72] CANNAN, DAVID D.B., US
- [73] DEKA PRODUCTS LIMITED PARTNERSHIP, US
- [85] 2015-12-09
- [86] 2014-07-03 (PCT/US2014/045430)
- [87] (WO2015/003141)
- [30] US (61/842,449) 2013-07-03

[11] 2,915,019

[13] C

- [51] Int.Cl. A61K 38/00 (2006.01) A61K 35/745 (2015.01) A23L 33/00 (2016.01) A23L 33/125 (2016.01) A23L 33/135 (2016.01) A23L 33/17 (2016.01) A23L 33/21 (2016.01) A61K 31/198 (2006.01) A61K 31/70 (2006.01) A61K 31/702 (2006.01) A61P 31/00 (2006.01)
 - [25] EN
 - [54] SYNBIOTIC COMPOSITION FOR TREATMENT OF INFECTIONS IN ALLERGIC PATIENTS
 - [54] COMPOSITION SYMBIOTIQUE POUR LE TRAITEMENT D'INFECTIONS CHEZ DES PATIENTS ALLERGIQUES
 - [72] HARTHORN, LEUNIS FORRINUS, NL
 - [73] N.V. NUTRICIA, NL
 - [85] 2015-12-10
 - [86] 2014-06-16 (PCT/NL2014/050392)
 - [87] (WO2014/200351)
 - [30] NL (PCT/NL2013/050423) 2013-06-14
-

[11] 2,915,465

[13] C

- [51] Int.Cl. F04B 53/10 (2006.01) F04B 47/12 (2006.01)
- [25] EN
- [54] HYDRAULICALLY POWERED BALL VALVE LIFT APPARATUS AND METHOD FOR DOWNHOLE PUMP TRAVELLING VALVES
- [54] ANTICORPS ANTI-CD28 HUMANISES ET ANTIGENE ARTIFICIEL PRESENTANT DES CELLULES
- [72] KOWALCHUK, ALEXANDER, CA
- [73] TRU LIFT SUPPLY INC., CA
- [86] (2915465)
- [87] (2915465)
- [22] 2015-12-17
- [30] US (14/686,020) 2015-04-14

**Brevets canadiens délivrés
28 février 2023**

[11] 2,915,684
[13] C

- [51] Int.Cl. G01R 29/08 (2006.01)
 - [25] EN
 - [54] **MODELING OF A MAGNETIC FIELD**
 - [54] **MODELISATION D'UN CHAMP MAGNETIQUE**
 - [72] GOVARI, ASSAF, IL
 - [73] BIOSENSE WEBSTER (ISRAEL) LTD., IL
 - [86] (2915684)
 - [87] (2915684)
 - [22] 2015-12-18
 - [30] US (14/578,553) 2014-12-22
-

[11] 2,916,117
[13] C

- [51] Int.Cl. B01J 20/26 (2006.01) B01J 20/30 (2006.01) C02F 1/28 (2006.01) C02F 1/62 (2006.01)
- [25] EN
- [54] **PRISTINE AND SURFACE FUNCTIONALIZED CELLULOSE NANOCRYSTALS (CNCS) INCORPORATED HYDROGEL BEADS AND USES THEREOF**
- [54] **BILLES D'HYDROGEL COMPORTANT DES NANOCristaux DE CELLULOSE FONCTIONNALISES SUPERFICIELS ET PARFAITS ET UTILISATION DE CELLES-CI**
- [72] MOHAMMED, NISHIL, CA
- [72] GRISHKEWICH, NATHAN, CA
- [72] TAM, KAM CHIU, CA
- [72] BERRY, RICHARD, CA
- [73] MOHAMMED, NISHIL, CA
- [73] GRISHKEWICH, NATHAN, CA
- [73] TAM, KAM CHIU, CA
- [73] BERRY, RICHARD, CA
- [86] (2916117)
- [87] (2916117)
- [22] 2015-12-21
- [30] US (62/095,366) 2014-12-22

[11] 2,916,564
[13] C

- [51] Int.Cl. C07D 401/04 (2006.01) A61K 31/4439 (2006.01) A61P 7/00 (2006.01)
 - [25] EN
 - [54] **CRYSTALLINE POLYMORPHS OF THE FREE BASE OF 2-HYDROXY-6-((2-(1-ISOPROPYL-1H-PYRAZOL-5-YL)PYRIDIN-3-YL)METHOXY)BENZALDEHYDE**
 - [54] **POLYMORPHES CRISTALLINS DE LA BASE LIBRE DE 2-HYDROXY-6-((2-(1-ISOPROPYL-1H-PYRAZOL-5-YL)PYRIDIN-3-YL)METHOXY)BENZALDEHYDE**
 - [72] LI, ZHE, US
 - [72] HOUSTON, TRAVIS, US
 - [72] PARENT, STEPHAN D., US
 - [73] GLOBAL BLOOD THERAPEUTICS, INC., US
 - [85] 2015-12-21
 - [86] 2015-02-05 (PCT/US2015/014589)
 - [87] (WO2015/120133)
 - [30] US (61/937,393) 2014-02-07
 - [30] US (61/937,404) 2014-02-07
-

[11] 2,916,759
[13] C

- [51] Int.Cl. C12N 1/00 (2006.01)
- [25] EN
- [54] **METHYLOTROPHS FOR AQUACULTURE AND ANIMAL FEED**
- [54] **METHYLOTROPHES POUR AQUACULTURE ET ALIMENTATION ANIMALE**
- [72] FEINBERG, LARRY F., US
- [72] MARX, CHRISTOPHER J., US
- [73] KNIPBIO, US
- [85] 2015-12-22
- [86] 2014-08-08 (PCT/US2014/050282)
- [87] (WO2015/021352)
- [30] US (61/863,701) 2013-08-08

[11] 2,917,223
[13] C

- [51] Int.Cl. G06Q 20/40 (2012.01) G06Q 50/28 (2012.01)
 - [25] EN
 - [54] **DELIVERY SAFETY PAYMENT AGENCY SYSTEM AND THE METHODS**
 - [54] **Système d'agence de paiement sécurisé et méthodes associées**
 - [72] JO, WANG JE, KR
 - [73] AGARAM.COM CO.,LTD., KR
 - [85] 2015-12-31
 - [86] 2014-07-03 (PCT/KR2014/005973)
 - [87] (WO2015/002489)
 - [30] KR (10-2013-0079342) 2013-07-03
-

[11] 2,917,554
[13] C

- [51] Int.Cl. A01B 33/00 (2006.01) A01B 35/00 (2006.01)
 - [25] EN
 - [54] **TINE HARROW**
 - [54] **HERSE A DENTS**
 - [72] GRAY, GEOF J., CA
 - [72] AVERINK, JOHN MARK, CA
 - [72] GILLIER, JONATHAN, CA
 - [72] BAKER, BRADLEY WILLIAM, CA
 - [73] SALFORD GROUP INC., CA
 - [86] (2917554)
 - [87] (2917554)
 - [22] 2016-01-14
 - [30] US (62/114,242) 2015-02-10
-

[11] 2,917,620
[13] C

- [51] Int.Cl. B65G 65/40 (2006.01) B65D 88/54 (2006.01) B65D 88/64 (2006.01) B65G 65/46 (2006.01)
- [25] EN
- [54] **BIN SWEEP AUGER UNPLUGGING SYSTEM**
- [54] **Système de débouchage de vis sans fin de bac**
- [72] RAUSER, CLAIRE M., US
- [72] SKALSKY, T. JORY, US
- [73] SUPERIOR MANUFACTURING LLC, US
- [86] (2917620)
- [87] (2917620)
- [22] 2016-01-14
- [30] US (62261304) 2015-11-30
- [30] US (14973134) 2015-12-17

**Canadian Patents Issued
February 28, 2023**

[11] **2,917,840**
[13] C

- [51] Int.Cl. A01N 1/02 (2006.01)
[25] EN
[54] **ORGAN TRANSPORT APPARATUS WITH A DOCUMENT COMPARTMENT AND A TAMPER EVIDENT SEAL**
[54] **APPAREIL DE TRANSPORT D'ORGANE AYANT UN COMPARTIMENT DE DOCUMENT ET UN SCEAU D'INVIOABILITY**
[72] STEINMAN, CHRISTOPHER P., US
[72] ALLEN, ROBERT J., US
[72] PETTINATO, DAVID, US
[72] COPITHORNE, MATTHEW, US
[72] OTTS, BRIAN L., US
[72] DEMUYLDER, PETER, US
[73] LIFELINE SCIENTIFIC, INC., US
[85] 2016-01-08
[86] 2013-07-08 (PCT/US2013/049584)
[87] (WO2014/011557)
[30] US (13/545,184) 2012-07-10
-

[11] **2,918,105**
[13] C

- [51] Int.Cl. A61K 39/395 (2006.01) A61P 11/10 (2006.01)
[25] EN
[54] **METHODS FOR REDUCING EXACERBATION RATES OF ASTHMA USING BENRALIZUMAB**
[54] **PROCEDES POUR REDUIRE DES TAUX D'EXACERBATION D'ASTHME A L'AIDE DE BENRALIZUMAB**
[72] WARD, CHRISTINE, US
[72] ROSKOS, LORIN, US
[72] WANG, BING, US
[72] RAIBLE, DONALD G., US
[73] ASTRazeneca AB, SE
[85] 2016-01-12
[86] 2014-08-07 (PCT/US2014/050080)
[87] (WO2015/023504)
[30] US (61/864,944) 2013-08-12

[11] **2,918,317**
[13] C

- [51] Int.Cl. A61M 21/02 (2006.01) A61M 21/00 (2006.01)
[25] EN
[54] **APPARATUS AND METHOD FOR MODULATING SLEEP**
[54] **APPAREIL ET PROCEDE POUR LA MODULATION DU SOMMEIL**
[72] NOFZINGER, ERIC A., US
[72] SCHIRM, JEFFREY J., US
[72] RIPPOLE, DAMIAN F., US
[72] REYNOLDS, CRAIG B., US
[72] TUCKER, ROBERT E., US
[73] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2016-01-13
[86] 2014-07-25 (PCT/US2014/048128)
[87] (WO2015/013576)
[30] US (61/859,161) 2013-07-26
-

[11] **2,918,637**
[13] C

- [51] Int.Cl. G05D 23/24 (2006.01) G05D 23/19 (2006.01)
[25] EN
[54] **SYSTEMS, METHODS, AND DEVICES FOR OBTAINING FEEDBACK INFORMATION TO REVEAL GROUP PREFERENCES**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS PERMETTANT D'OBTENIR DES INFORMATIONS DE RETOUR POUR REVELER DES PREFERENCES DE GROUPE**
[72] ZINGER, VICHESLAV, AU
[72] AITCHISON, GARY, AU
[73] COGNIAN TECHNOLOGIES LTD, AU
[85] 2016-01-19
[86] 2014-07-18 (PCT/AU2014/000734)
[87] (WO2015/006814)
[30] US (61/856,441) 2013-07-19

[11] **2,918,805**
[13] C

- [51] Int.Cl. C07D 401/14 (2006.01) A61K 31/501 (2006.01) A61P 21/00 (2006.01) C07D 401/04 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01) C07D 487/04 (2006.01)
[25] EN
[54] **1,4-DISUBSTITUTED PYRIDAZINE DERIVATIVES AND THEIR USE FOR TREATING SMN-DEFICIENCY-RELATED CONDITIONS**
[54] **DERIVES DE PYRIDAZINE 1,4-DISUBSTITUES ET LEUR UTILISATION POUR LE TRAITEMENT DE PATHOLOGIES LIEES A UNE DEFICIENCE EN SMN**
[72] CHEUNG, ATWOOD, US
[72] DALES, NATALIE, US
[72] HURLEY, TIMOTHY BRIAN, US
[73] NOVARTIS AG, CH
[85] 2016-01-19
[86] 2014-07-30 (PCT/US2014/048984)
[87] (WO2015/017589)
[30] US (61/860,388) 2013-07-31
-

[11] **2,919,356**
[13] C

- [51] Int.Cl. C12N 1/14 (2006.01)
[25] EN
[54] **COMPOSITIONS AND METHODS RELATED TO ISOLATED TRICHODERMA HARZIANUM ENDOPHYTE STRAINS**
[54] **COMPOSITIONS ET PROCEDES SE RAPPORTANT A DES SOUCHES ISOLEES D'ENDOPHYTE DE MOISISSURE VERTE (TRICHODERMA HARZIANUM)**
[72] RODRIGUEZ, RUSSELL JOHN, US
[72] REDMAN, REGINA SOON, US
[73] ADAPTIVE SYMBIOTIC TECHNOLOGIES LLC, US
[85] 2016-01-25
[86] 2014-07-25 (PCT/US2014/048098)
[87] (WO2015/013558)
[30] US (61/858,819) 2013-07-26

**Brevets canadiens délivrés
28 février 2023**

[11] 2,920,056

[13] C

- [51] Int.Cl. E04H 5/12 (2006.01) E04H
12/00 (2006.01) E04H 12/18 (2006.01)
F28C 1/00 (2006.01)
- [25] EN
- [54] METHOD AND APPARATUS FOR
COOLING TOWER FAN
MOUNTING FOR REMOVAL
FROM INSIDE THE TOWER
- [54] PROCEDE ET APPAREIL DE
MONTAGE DE VENTILATEUR DE
TOUR DE REFROIDISSEMENT
PERMETTANT UN DEMONTAGE
A PARTIR DE L'INTERIEUR DE
LA TOUR
- [72] VADDER, DAVEY J., US
- [72] MYERS, JACOB P., US
- [73] EVAPCO, INC., US
- [85] 2016-01-29
- [86] 2014-09-12 (PCT/US2014/055371)
- [87] (WO2015/038879)
- [30] US (61/877,233) 2013-09-12
- [30] US (14/484,600) 2014-09-12
-

[11] 2,920,438

[13] C

- [51] Int.Cl. B07B 1/46 (2006.01)
- [25] EN
- [54] SCREEN PANEL LOCKING
SYSTEM
- [54] MECANISME DE
VERROUILLAGE DE PANNEAU-
Ecran
- [72] WOODGATE, RAYMOND
MAXWELL, AU
- [72] WOODGATE, MARC RAYMOND,
AU
- [73] LETTELA PTY LIMITED, AU
- [86] (2920438)
- [87] (2920438)
- [22] 2016-02-09
- [30] AU (2015900408) 2015-02-10
-

[11] 2,920,899

[13] C

- [51] Int.Cl. C12N 9/16 (2006.01) C07K
14/47 (2006.01) C07K 19/00 (2006.01)
C12N 9/22 (2006.01) C12N 15/00
(2006.01) C12N 15/09 (2006.01)
- [25] EN
- [54] COMPOSITIONS FOR LINKING
DNA-BINDING DOMAINS AND
CLEAVAGE DOMAINS
- [54] COMPOSITIONS DE LIAISON DE
DOMAINES DE LIAISON A L'ADN
ET DE DOMAINES DE CLIVAGE
- [72] PASCHON, DAVID, US
- [72] ZHANG, LEI, US
- [73] SANGAMO THERAPEUTICS, INC.,
US
- [85] 2016-02-09
- [86] 2014-08-28 (PCT/US2014/053170)
- [87] (WO2015/031619)
- [30] US (61/871,219) 2013-08-28
-

[11] 2,921,046

[13] C

- [51] Int.Cl. C09K 8/467 (2006.01) E21B
33/13 (2006.01)
- [25] EN
- [54] OIL WELL CEMENTING
PRODUCTS WITH SYNTHETIC
GYPSUM AND METHODS
- [54] PRODUITS DE CIMENTATION DE
PUITS DE PETROLE
RENFERMANT DU GYPSE
SYNTHETIQUE ET METHODES
- [72] LETTKEMAN, DENNIS MARK, US
- [72] WILSON, JOHN WESLEY, US
- [72] BLACKBURN, DOUG, US
- [72] BALL, BRIAN K., US
- [72] KALIGIAN, RAYMOND A., US
- [72] CLOUD, MIKE L., US
- [73] UNITED STATES GYPSUM
COMPANY, US
- [86] (2921046)
- [87] (2921046)
- [22] 2016-02-16
- [30] US (14/623,724) 2015-02-17
-

[11] 2,921,267

[13] C

- [51] Int.Cl. B01D 53/94 (2006.01) B01D
53/56 (2006.01)
- [25] EN
- [54] REDUCTANT INJECTION
CONTROL FOR CATALYTIC
ENGINE EXHAUST TREATMENT
SYSTEM
- [54] CONTROLE D'INJECTION
REDONDANT POUR UN SYSTEME
DE TRAITEMENT CATALYTIQUE
DES EMISSIONS DE MOTEUR
- [72] DEVARAKONDA, MARUTHI
NARASINGA RAO, US
- [73] AI ALPINE US BIDCO INC., US
- [86] (2921267)
- [87] (2921267)
- [22] 2016-02-18
- [30] US (14/635,816) 2015-03-02
-

[11] 2,922,424

[13] C

- [51] Int.Cl. B64D 13/00 (2006.01) B64D
13/02 (2006.01) B64D 13/06 (2006.01)
- [25] EN
- [54] REPLACEMENT SYSTEM
PROVIDING REPLACEMENT AIR
TO AN INERTING SYSTEM
- [54] DISPOSITIF DE REMplacement
FOURNISSANT L'AIR DE
REPLACEMENT A UN
SYSTEME DE NEUTRALISATION
- [72] BRUNO, LOUIS J., US
- [72] ZYWIAK, THOMAS M., US
- [72] KLINE, ERIN G., US
- [72] MILLOT, CHRISTINA W., US
- [72] HIPSKY, HAROLD W., US
- [72] ARMY, DONALD E., JR., US
- [72] D'ORLANDO, PAUL M., US
- [73] HAMILTON SUNDSTRAND
CORPORATION, US
- [86] (2922424)
- [87] (2922424)
- [22] 2016-03-02
- [30] US (14/638,469) 2015-03-04

Canadian Patents Issued
February 28, 2023

[11] 2,923,887
[13] C

- [51] Int.Cl. G01B 7/14 (2006.01)
 - [25] EN
 - [54] PROXIMITY SENSOR
 - [54] DETECTEUR DE PROXIMITE
 - [72] FUSARE, SCOTT, US
 - [73] SIMMONDS PRECISION PRODUCTS, INC., US
 - [86] (2923887)
 - [87] (2923887)
 - [22] 2016-03-15
 - [30] US (14/717,460) 2015-05-20
-

[11] 2,923,960
[13] C

- [51] Int.Cl. F16L 19/075 (2006.01) F16L 21/00 (2006.01) F16L 21/04 (2006.01) F16L 37/14 (2006.01)
 - [25] EN
 - [54] PIPE CONNECTOR
 - [54] RACCORD DE TUYAUX
 - [72] GOESS-SAURAU, KONRAD, GB
 - [72] COPLESTONE, RODNEY, GB
 - [73] POULTON TECHNOLOGIES LIMITED, GB
 - [85] 2016-03-10
 - [86] 2014-09-10 (PCT/GB2014/052748)
 - [87] (WO2015/036757)
 - [30] GB (1316077.5) 2013-09-10
 - [30] GB (1319292.7) 2013-10-31
 - [30] GB (1405658.4) 2014-03-28
 - [30] GB (1408085.7) 2014-05-07
 - [30] US (14/303,164) 2014-06-12
-

[11] 2,924,735
[13] C

- [51] Int.Cl. C12N 5/071 (2010.01) C12N 5/0789 (2010.01) A61K 35/545 (2015.01) A61K 33/06 (2006.01) A61K 38/17 (2006.01) C12N 15/09 (2006.01)
 - [25] EN
 - [54] METHODS FOR NUCLEAR REPROGRAMMING OF CELLS
 - [54] PROCEDES DE REPROGRAMMATION NUCLEAIRE DE CELLULES
 - [72] WALSH, PATRICK, US
 - [72] FELLNER, THOMAS, US
 - [73] LONZA LTD, CH
 - [85] 2016-03-18
 - [86] 2014-09-22 (PCT/IB2014/002816)
 - [87] (WO2015/040497)
 - [30] US (61/880,579) 2013-09-20
-

[11] 2,925,056
[13] C

- [51] Int.Cl. B60S 9/02 (2006.01) B60S 9/10 (2006.01)
 - [25] EN
 - [54] JACKING SYSTEM FOR A UTILITY VEHICLE
 - [54] SYSTEME DE LEVAGE DE VEHICULE UTILITAIRE
 - [72] HOERSCH, HEINER, DE
 - [73] IVECO MAGIRUS AG, DE
 - [86] (2925056)
 - [87] (2925056)
 - [22] 2016-03-24
 - [30] EP (15161501.0) 2015-03-27
-

[11] 2,925,770
[13] C

- [51] Int.Cl. H02K 16/02 (2006.01) B61C 3/00 (2006.01) H02K 7/18 (2006.01)
 - [25] EN
 - [54] ELECTRIC GENERATOR FOR DIESEL ELECTRIC LOCOMOTIVE
 - [54] GENERATEUR ELECTRIQUE DESTINE A UNE LOCOMOTIVE ELECTRIQUE DIESEL
 - [72] EMADI, ALI, CA
 - [72] HOU, RUOYU, CA
 - [72] YANG, YINYE, CA
 - [73] ENEDYM INC., CA
 - [86] (2925770)
 - [87] (2925770)
 - [22] 2016-04-01
 - [30] US (62/141,889) 2015-04-02
-

[11] 2,926,321
[13] C

- [51] Int.Cl. A61K 31/357 (2006.01) A61K 31/137 (2006.01) A61P 3/00 (2006.01)
 - [25] EN
 - [54] METHODS OF PREVENTING PROGRESSION TO TYPE 2 DIABETES MELLITUS
 - [54] PROCEDES DE PREVENTION DE LA PROGRESSION DU DIABETE SUCRE DE TYPE 2
 - [72] DAY, WESLEY, US
 - [72] TROUPIN, BARBARA, US
 - [73] VIVUS, INC., US
 - [73] TROUPIN, BARBARA, US
 - [85] 2016-04-04
 - [86] 2014-10-08 (PCT/US2014/059636)
 - [87] (WO2015/054353)
 - [30] US (61/888,490) 2013-10-08
-

[11] 2,926,718
[13] C

- [51] Int.Cl. A61M 60/50 (2021.01) A61M 60/113 (2021.01) A61M 60/205 (2021.01) A61M 60/279 (2021.01) A61M 1/36 (2006.01)
 - [25] EN
 - [54] DEVICE AND METHOD FOR REGULATING AND PRESETTING THE PUMP RATE OF BLOOD PUMPS
 - [54] DISPOSITIF ET PROCEDE DE REGULATION ET DE DEFINITION DU DEBIT DE POMPES D'ASSISTANCE CIRCULATOIRE
 - [72] HEIDE, ALEXANDER, DE
 - [72] PETERS, ARNE, DE
 - [72] WEIS, MANFRED, DE
 - [72] WIKTOR, CHRISTOPH, DE
 - [73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
 - [85] 2016-04-06
 - [86] 2015-01-21 (PCT/EP2015/051045)
 - [87] (WO2015/110437)
 - [30] DE (102014000678.6) 2014-01-22
-

[11] 2,926,736
[13] C

- [51] Int.Cl. A61K 31/4745 (2006.01) A61K 9/10 (2006.01) A61K 47/44 (2017.01) A61P 17/02 (2006.01) A61P 17/12 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) C07D 471/04 (2006.01)
- [25] EN
- [54] INJECTABLE ANTINEOPLASTIC FORMILATIONS COMPRISING SESAME OIL AND AN IMMUNE RESPONSE MODIFIER
- [54] FORMULATIONS ANTINEOPLASIQUES INJECTABLES COMPRENANT UNE HUILE DE SESAME ET UN MODIFICATEUR DE LA REPONSE IMMUNITAIRE
- [72] BEAURLINE, JOSEPH, US
- [72] ELVECROG, JAMES, US
- [72] VASILAKOS, JOHN, US
- [72] CAPECCHI, JOHN T., US
- [72] JOHNSON, KAREN E., US
- [73] 3M INNOVATIVE PROPERTIES COMPANY, US
- [85] 2016-04-06
- [86] 2014-10-30 (PCT/US2014/063095)
- [87] (WO2015/069535)
- [30] US (61/900,255) 2013-11-05

Brevets canadiens délivrés
28 février 2023

[11] 2,927,096

[13] C

- [51] Int.Cl. G06Q 10/083 (2023.01) B64U 10/16 (2023.01) G06Q 30/0601 (2023.01)
[25] EN
[54] UNMANNED AERIAL VEHICLE DELIVERY SYSTEM
[54] SYSTEME DE LIVRAISON PAR VEHICULE AERIEN SANS PILOTE
[72] KIMCHI, GUR, US
[72] BUCHMUELLER, DANIEL, US
[72] GREEN, SCOTT A., US
[72] BECKMAN, BRIAN C., US
[72] ISAACS, SCOTT, US
[72] NAVOT, AMIR, US
[72] HENSEL, FABIAN, US
[72] BAR-ZEEV, AVI, US
[72] RAULT, SEVERAN SYLVAIN JEAN-MICHEL, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2016-04-11
[86] 2014-09-30 (PCT/US2014/058497)
[87] (WO2015/061008)
[30] US (61/896,065) 2013-10-26
[30] US (61/901,431) 2013-11-07
[30] US (14/502,707) 2014-09-30
-

[11] 2,927,275

[13] C

- [51] Int.Cl. H02M 1/32 (2007.01) G05D 23/19 (2006.01) H01L 23/34 (2006.01)
[25] EN
[54] IMPROVING LIFE OF A SEMICONDUCTOR BY REDUCING TEMPERATURE CHANGES THEREIN VIA REACTIVE POWER
[54] AMELIORATION DE LA DUREE UTILE D'UN SEMICONDUCTEUR PAR LA REDUCTION DES CHANGEMENTS DE TEMPERATURE INTERNE AU MOYEN D'ALIMENTATION REACTIVE
[72] WAGONER, ROBERT GREGORY, US
[72] SMITH, DAVID, US
[73] GE ENERGY POWER CONVERSION TECHNOLOGY LIMITED, GB
[86] (2927275)
[87] (2927275)
[22] 2016-04-14
[30] US (14/692,836) 2015-04-22
-

[11] 2,928,933

[13] C

- [51] Int.Cl. C01B 33/113 (2006.01) H01M 4/136 (2010.01) H01M 4/58 (2010.01)
[25] FR
[54] METHOD FOR PREPARING SIOX HAVING A NANOMETRIC FILAMENT STRUCTURE, AND USE THEREOF AS A LITHIUM-ION BATTERY ANODE MATERIAL
[54] PROCEDE DE PREPARATION DE SIOX A STRUCTURE FILAMENTAIRE NANOMETRIQUE ET SON UTILISATION COMME MATERIAU D'ANODE DE BATTERIE LITHIUM-ION
[72] LEBLANC, DOMINIC, CA
[72] GUERFI, ABDELBAST, CA
[72] ZAGHIB, KARIM, CA
[72] HOVINGTON, PIERRE, CA
[72] Trottier, JULIE, CA
[73] HYDRO-QUEBEC, CA
[85] 2016-04-27
[86] 2014-11-28 (PCT/CA2014/051141)
[87] (WO2015/077892)
[30] CA (2,835,583) 2013-11-28

[11] 2,929,390

[13] C

- [51] Int.Cl. C07D 231/12 (2006.01) A01N 43/56 (2006.01) A01N 43/72 (2006.01) A01N 43/80 (2006.01) A01P 7/00 (2006.01) C07D 207/337 (2006.01) C07D 261/08 (2006.01) C07D 401/04 (2006.01)
[25] EN
[54] SUBSTITUTED BENZAMIDES FOR TREATING ARTHROPODES
[54] BENZAMIDES SUBSTITUES POUR LUTTER CONTRE DES ARTHROPODES
[72] HALLENBACH, WERNER, DE
[72] SCHWARZ, HANS-GEORG, DE
[72] ILG, KERSTIN, DE
[72] GORGENS, ULRICH, DE
[72] KOBBERLING, JOHANNES, DE
[72] TURBERG, ANDREAS, DE
[72] BOHNKE, NIELS, DE
[72] MAUE, MICHAEL, DE
[72] VELTEN, ROBERT, DE
[72] HARSCHNECK, TOBIAS, DE
[72] HAHN, JULIA JOHANNA, DE
[72] HORSTMANN, SEBASTIAN, DE
[73] BAYER ANIMAL HEALTH GMBH, DE
[85] 2016-05-02
[86] 2014-11-05 (PCT/EP2014/073794)
[87] (WO2015/067646)
[30] EP (13191610.8) 2013-11-05
[30] EP (14181149.7) 2014-08-15

Canadian Patents Issued
February 28, 2023

[11] 2,929,547

[13] C

- [51] Int.Cl. C07K 16/18 (2006.01) C07K 17/00 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01) G01N 33/53 (2006.01) G01N 33/543 (2006.01) G01N 33/577 (2006.01)
- [25] EN
- [54] ASSAYS FOR IGFBP7 HAVING IMPROVED PERFORMANCE IN BIOLOGICAL SAMPLES
- [54] DOSAGES DE DETECTION D'IGFBP 7 AYANT UNE EFFICACITE AMELIOREE DANS DES ECHANTILLONS BIOLOGIQUES
- [72] VIJAYENDRAN, RAVI A., US
- [72] VENKATASUBBARAO, SRIVATSA, US
- [73] ASTUTE MEDICAL, INC., US
- [85] 2016-05-03
- [86] 2014-11-06 (PCT/US2014/064327)
- [87] (WO2015/069880)
- [30] US (61/900,942) 2013-11-06
- [30] US (62/054,324) 2014-09-23
- [30] US (62/064,380) 2014-10-15
-

[11] 2,929,804

[13] C

- [51] Int.Cl. A61N 5/10 (2006.01)
- [25] FR
- [54] IRRADIATION DEVICE USING IONIZING RADIATION FOR RADIOTHERAPY OR RADIobiology
- [54] DISPOSITIF D'IRRADIATION A RAYONNEMENT IONISANT POUR LA RADIOTHERAPIE OU LA RADIobiologie
- [72] LIGER, PHILIPPE, FR
- [73] P M B, FR
- [85] 2016-05-05
- [86] 2014-11-20 (PCT/FR2014/052979)
- [87] (WO2015/075388)
- [30] FR (1302672) 2013-11-20
-

[11] 2,930,290

[13] C

- [51] Int.Cl. C07C 337/08 (2006.01) A61K 33/26 (2006.01) A61K 33/30 (2006.01) A61K 33/34 (2006.01) A61K 47/20 (2006.01) A61K 47/22 (2006.01) A61K 49/00 (2006.01) C07D 295/13 (2006.01) C07F 15/02 (2006.01)
- [25] EN
- [54] METAL COMPLEXES AND METHODS OF TREATMENT
- [54] COMPLEXES METALLIQUES ET METHODES DE TRAITEMENT
- [72] WARNER, JOHN C., US
- [72] CHERUKU, SRINIVASA R., US
- [72] HARI, ANITHA, US
- [72] NORMAN, JAMES J., US
- [73] COLLABORATIVE MEDICINAL DEVELOPMENT, LLC, US
- [85] 2016-05-10
- [86] 2014-11-10 (PCT/US2014/064879)
- [87] (WO2015/070177)
- [30] US (61/902,682) 2013-11-11
- [30] US (61/932,348) 2014-01-28
-

[11] 2,930,914

[13] C

- [51] Int.Cl. G01R 19/165 (2006.01)
- [25] EN
- [54] APPARATUS AND METHOD FOR MONITORING AND CONTROLLING DETECTION OF STRAY VOLTAGE ANOMALIES USING A PHOTONIC SENSOR
- [54] APPAREIL ET PROCEDE DE SURVEILLANCE ET DE COMMANDE DE LA DETECTION D'ANOMALIES DE TENSION PARASITE A L'AIDE D'UN CAPTEUR PHOTONIQUE
- [72] KALOKITIS, DAVID, US
- [73] OSMOSE UTILITIES SERVICES, INC., US
- [85] 2016-05-16
- [86] 2015-01-06 (PCT/US2015/010256)
- [87] (WO2016/073020)
- [30] US (61/924,502) 2014-01-07
-

[11] 2,931,027

[13] C

- [51] Int.Cl. C09J 195/00 (2006.01)
- [25] EN
- [54] MODIFIED COLD APPLIED ASPHALT EMULSION
- [54] EMULSION D'ASPHALTE MODIFIEE APPLIQUEE A FROID
- [72] SUBOTIC, DUSAN V., CA
- [72] KASITSKAYA, LARISA, CA
- [72] STANKOVIC, SRDJAN, CA
- [73] HENRY COMPANY LLC, US
- [85] 2016-05-17
- [86] 2014-11-25 (PCT/US2014/067315)
- [87] (WO2015/081069)
- [30] US (61/908,910) 2013-11-26
-

[11] 2,931,040

[13] C

- [51] Int.Cl. A01N 43/50 (2006.01) A01N 35/02 (2006.01) A01N 41/12 (2006.01) A01P 19/00 (2006.01)
- [25] EN
- [54] COMPOSITION, COMPRISING HISTAMINE ALONE OR IN COMBINATION WITH SULFIDE, ALDEHYDE AND KETONE VOLATILE COMPOUNDS FOR ATTRACTING AND/OR ARRESTING BED BUGS
- [54] COMPOSITION COMPRENANT DE L'HISTAMINE SEULE OU EN COMBINAISON AVEC DES COMPOSES VOLATILS DE SULFURE, D'ALDEHYDE ET DE CETONE POUR ATTIRER ET/OUARRETER DES PUNAISES DES LITS
- [72] GRIES, REGINE M., CA
- [72] BRITTON, ROBERT A., CA
- [72] HOLMES, MICHAEL T., CA
- [72] GRIES, GERHARD J., CA
- [73] SIMON FRASER UNIVERSITY, CA
- [85] 2016-05-18
- [86] 2014-12-16 (PCT/CA2014/051218)
- [87] (WO2015/089661)
- [30] US (61/917,048) 2013-12-17
- [30] US (62/018,465) 2014-06-27

Brevets canadiens délivrés
28 février 2023

[11] **2,931,056**

[13] C

[51] Int.Cl. A61K 9/127 (2006.01) A61K 31/7088 (2006.01) A61K 39/395 (2006.01) A61K 49/00 (2006.01) A61P 25/00 (2006.01) A61P 43/00 (2006.01) B01J 13/00 (2006.01) C08L 77/00 (2006.01)

[25] EN

[54] CARRIER FOR USE IN DELIVERING DRUG, CONJUGATE, COMPOSITION COMPRISING SAME, AND METHOD FOR ADMINISTRATING SAME

[54] VECTEUR D'APPORT DE MEDICAMENT ET CONJUGUE, COMPOSITION LE CONTENANT, ET SON PROCEDE D'ADMINISTRATION

[72] KATAOKA, KAZUNORI, JP

[72] ANRAKU, YASUTAKA, JP

[72] NISHIYAMA, NOBUHIRO, JP

[72] MIYATA, KANJIRO, JP

[72] ISHII, TAKEHIKO, JP

[72] MATSUMOTO, YU, JP

[72] FUKUSATO, YU, JP

[72] MIZOGUCHI, AKIHIRO, JP

[72] YOKOTA, TAKANORI, JP

[72] KUWAHARA, HIROYA, JP

[72] NISHINA, KAZUTAKA, JP

[72] MIZUSAWA, HIDEHIRO, JP

[73] THE UNIVERSITY OF TOKYO, JP

[73] NATIONAL UNIVERSITY CORPORATION TOKYO MEDICAL AND DENTAL UNIVERSITY, JP

[85] 2016-05-18

[86] 2014-11-21 (PCT/JP2014/005856)

[87] (WO2015/075942)

[30] JP (2013-242347) 2013-11-22

[30] JP (2014-096935) 2014-05-08

[11] **2,932,536**

[13] C

[51] Int.Cl. A61B 5/15 (2006.01) A61B 5/155 (2006.01) A61B 5/157 (2006.01)

[25] EN

[54] STERILE BODILY-FLUID COLLECTION DEVICE AND METHODS

[54] DISPOSITIF STERILE DE RECUEIL DE FLUIDE CORPOREL ET PROCEDES

[72] BULLINGTON, GREGORY J., US

[72] PATTON, RICHARD G., US

[72] GAW, SHAN E., US

[73] MAGNOLIA MEDICAL TECHNOLOGIES, INC., US

[85] 2016-06-02

[86] 2013-12-04 (PCT/US2013/073080)

[87] (WO2014/089186)

[30] US (61/733,199) 2012-12-04

[11] **2,932,656**

[13] C

[51] Int.Cl. C10L 9/08 (2006.01)

[25] EN

[54] TORREFACTION/GASSIFICATION SYSTEM

[54] SYSTEME DE SECHAGE/GAZEIFICATION

[72] BALON, THOMAS, US

[72] BUTLER, NEIL, GB

[73] CEG TECHNOLOGY UK LIMITED, GB

[85] 2016-06-02

[86] 2014-11-14 (PCT/NL2014/050782)

[87] (WO2015/084162)

[30] US (13/998,761) 2013-12-03

[11] **2,933,058**

[13] C

[51] Int.Cl. B01D 53/02 (2006.01) B01D 53/40 (2006.01) B01J 20/284 (2006.01)

[25] EN

[54] IMPROVED ADSORPTION OF ACID GASES

[54] ADSORPTION AMELIOREE DE GAZ ACIDES

[72] MOONEY, DANA, US

[72] DOLAN, WILLIAM, US

[72] RZECZKOWSKI, GERALD, US

[72] REINERTSEN, DENNIS, US

[73] BASF CORPORATION, US

[85] 2016-06-07

[86] 2014-12-12 (PCT/US2014/070013)

[87] (WO2015/094966)

[30] US (14/132,163) 2013-12-18

[11] **2,933,821**

[13] C

[51] Int.Cl. G16H 10/40 (2018.01) G16H 40/20 (2018.01) G06F 16/27 (2019.01)

[25] EN

[54] SYSTEM AND METHOD FOR UPLOADING AND MANAGEMENT OF CONTRACT-RESEARCH-ORGANIZATION DATA TO A SPONSOR COMPANY'S ELECTRONIC LABORATORY NOTEBOOK

[54] SYSTEME ET PROCEDE PERMETTANT DE CHARGER ET GERER DES DONNEES D'ORGANISATION DE RECHERCHE CONTRACTUELLE SUR UN CAHIER DE LABORATOIRE ELECTRONIQUE D'UNE ENTREPRISE PARTENAIRE

[72] WANG, YONG, US

[72] STRASSEL, CHRISTOPHER P., US

[72] MOXHAM, KATHLEEN R., US

[72] JACKSON, MARK P., GB

[72] OH, CHURL, US

[73] PERKINELMER INFORMATICS, INC., US

[85] 2016-06-13

[86] 2014-03-12 (PCT/US2014/024725)

[87] (WO2015/088574)

[30] US (61/916,110) 2013-12-13

[11] **2,933,995**

[13] C

[51] Int.Cl. C12P 7/64 (2022.01) C11B 1/10 (2006.01) C12N 1/06 (2006.01) C12N 1/12 (2006.01)

[25] EN

[54] METHODS OF RECOVERING OIL FROM MICROORGANISMS

[54] PROCEDES DE RECUPERATION D'HUILE A PARTIR DE MICRO-ORGANISMES

[72] DENNIS, DOROTHY A., CA

[72] ARMENTA, ROBERTO E., CA

[73] DSM NUTRITIONAL PRODUCTS AG, CH

[85] 2016-06-15

[86] 2014-12-19 (PCT/IB2014/003113)

[87] (WO2015/092544)

[30] US (61/918,880) 2013-12-20

Canadian Patents Issued
February 28, 2023

[11] 2,934,235

[13] C

- [51] Int.Cl. A61M 16/16 (2006.01) A61M 16/08 (2006.01) A61M 16/10 (2006.01)
 - [25] EN
 - [54] HUMIDIFICATION SYSTEM CONNECTIONS
 - [54] RACCORDEMENTS DE SYSTEME D'HUMIFICATION
 - [72] OSBORNE, HAMISH ADRIAN, NZ
 - [72] STANTON, JAMES WILLIAM, NZ
 - [72] HOLYOAKE, BRUCE GORDON, NZ
 - [72] EVANS, STEPHEN DAVID, NZ
 - [72] MCCUALEY, DAVID LEON, NZ
 - [72] MCKENNA, NICHOLAS JAMES MICHAEL, NZ
 - [72] MCDERMOTT, GARETH THOMAS, NZ
 - [72] NORTON, MYFANWY JANE ANTICA, NZ
 - [72] MILLAR, GAVIN WALSH, NZ
 - [72] MAECKELBERGHE, THOMAS JACQUES FERNAND, NZ
 - [73] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
 - [85] 2016-06-16
 - [86] 2014-12-19 (PCT/NZ2014/050024)
 - [87] (WO2015/093989)
 - [30] US (61/919,485) 2013-12-20
 - [30] US (62/059,339) 2014-10-03
-

[11] 2,934,342

[13] C

- [51] Int.Cl. G06Q 20/38 (2012.01) G06Q 20/32 (2012.01) G06Q 20/40 (2012.01)
- [25] EN
- [54] SYSTEMS AND METHODS FOR GENERATING OFFERS FROM TOKENIZED CONTACTLESS PAYMENTS
- [54] SYSTEMES ET METHODES POUR GENERER DES OFFRES A PARTIR DE PAIEMENTS SANS CONTACT MIS EN JETONS
- [72] NICZYPORUK, JANUSZ MICHAEL, US
- [72] POOLE, THOMAS S., US
- [72] MORETON, PAUL YOUNG, US
- [73] CAPITAL ONE FINANCIAL CORPORATION, US
- [85] 2016-06-16
- [86] 2014-12-18 (PCT/US2014/071152)
- [87] (WO2015/095517)
- [30] US (14/132,508) 2013-12-18

[11] 2,934,679

[13] C

- [51] Int.Cl. C07D 403/14 (2006.01) A61K 31/444 (2006.01) A61K 31/506 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07D 401/14 (2006.01) C07D 403/10 (2006.01) C07D 405/14 (2006.01) C07D 417/14 (2006.01)
- [25] EN
- [54] SERINE/THREONINE KINASE INHIBITORS
- [54] INHIBITEURS DE SERINE/THREONINE KINASES
- [72] BLAKE, JAMES F., US
- [72] COOK, ADAM, US
- [72] GUNAWARDANA, INDRANI W., US
- [72] HUNT, KEVIN W., US
- [72] LYON, MICHAEL, US
- [72] METCALF, ANDREW T., US
- [72] MOHR, PETER J., US
- [72] MORENO, DAVID A., US
- [72] NEWHOUSE, BRAD, US
- [72] REN, LI, US
- [72] TANG, TONY P., US
- [72] THOMAS, ALLEN, A., US
- [72] SCHWARZ, JACOB, US
- [72] SCHMIDT, JANE, US
- [72] GAZZARD, LEWIS, US
- [72] CHEN, HUIFEN, US
- [73] GENENTECH, INC., US
- [73] ARRAY BIOPHARMA INC., US
- [85] 2016-06-20
- [86] 2014-12-29 (PCT/US2014/072547)
- [87] (WO2015/103133)
- [30] US (61/922,045) 2013-12-30

[11] 2,934,891

[13] C

- [51] Int.Cl. C07D 403/12 (2006.01) A01N 43/54 (2006.01) A61K 31/506 (2006.01) C07D 239/34 (2006.01) C07D 401/12 (2006.01) C07D 409/12 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01)
 - [25] EN
 - [54] PYRIMIDINYLOXY BENZENE DERIVATIVES AS HERBICIDES
 - [54] DERIVES DE PYRIMIDINYLOXY BENZENE A UTILISER EN TANT QU'HERBICIDES
 - [72] DEPREZ, NICHOLAS RYAN, US
 - [72] REDDY, RAVISEKHARA P., IN
 - [72] SHARPE, PAULA LOUISE, US
 - [72] STEVENSON, THOMAS MARTIN, US
 - [73] FMC CORPORATION, US
 - [85] 2016-06-22
 - [86] 2015-01-09 (PCT/US2015/010823)
 - [87] (WO2015/108779)
 - [30] US (61/928,129) 2014-01-16
-

[11] 2,935,097

[13] C

- [51] Int.Cl. E21B 33/04 (2006.01) E21B 19/10 (2006.01) E21B 33/06 (2006.01)
- [25] EN
- [54] CARTRIDGE INSERT FOR SPOOLS
- [54] INSERT DE CARTOUCHE POUR BOBINES
- [72] WELSH, KYLE R., CA
- [72] RAYNARD, DWAYNE C., CA
- [73] CAMERON TECHNOLOGIES LIMITED, NL
- [85] 2016-06-23
- [86] 2014-12-29 (PCT/US2014/072523)
- [87] (WO2015/103121)
- [30] US (14/143,910) 2013-12-30

Brevets canadiens délivrés
28 février 2023

[11] 2,935,411

[13] C

[51] Int.Cl. B67D 7/36 (2010.01)

[25] EN

[54] OVERFILL PREVENTION VALVE
FOR STORAGE TANK WITH
REMOTE TESTING
[54] VALVE DE PREVENTION DE
DEBORDEMENT POUR
RESERVOIR DE STOCKAGE,
AVEC ESSAI A DISTANCE

[72] KUEHN, JUSTIN F., US

[72] CHRISTOPHERSON, MICHAEL, US

[73] FRANKLIN FUELING SYSTEMS,
INC., US

[85] 2016-06-28

[86] 2015-01-02 (PCT/US2015/010044)

[87] (WO2015/103478)

[30] US (61/923,324) 2014-01-03

[11] 2,935,859

[13] C

[51] Int.Cl. A61B 17/32 (2006.01) A61B
17/94 (2006.01)

[25] EN

[54] INSERTABLE ENDOSCOPIC
INSTRUMENT FOR TISSUE
REMOVAL
[54] INSTRUMENT ENDOSCOPIQUE
POUVANT ETRE INTRODUIT
POUR UN RETRAIT DE TISSU

[72] FURLONG, COSME, US

[72] MARCOUX, MICHAEL W., US

[72] WISDOM, RICHARD STEPHEN, US

[72] REBH, WILLAM R., JR, US

[72] COSTA, EVAN, US

[72] EVANS, STEPHEN C., US

[73] INTERSCOPE, INC., US

[86] (2935859)

[87] (2935859)

[22] 2014-05-16

[62] 2,911,545

[30] US (61/824,760) 2013-05-17

[11] 2,936,087

[13] C

[51] Int.Cl. A61N 1/18 (2006.01) A61D
5/00 (2006.01) A61N 1/04 (2006.01)

[25] EN

[54] TREATMENT OF ORAL
MALADIES USING ELECTRICAL
CURRENT

[54] TRAITEMENT D'AFFECTIONS
BUCCALES AU MOYEN D'UN
COURANT ELECTRIQUE

[72] RUFLIN, PAUL L., US

[72] KELLER, MICHAEL J., US

[72] KAMINSKI, MICHAEL V., US

[72] MIZER, SCOTT, US

[72] ARMSTRONG, ROBERT, US

[73] ANIMAL ORALECTRICS LLC, US

[85] 2016-07-06

[86] 2015-01-07 (PCT/US2015/010477)

[87] (WO2015/105873)

[30] US (61/924,381) 2014-01-07

[11] 2,936,283

[13] C

[51] Int.Cl. A61K 31/506 (2006.01) A61K
9/20 (2006.01) A61P 35/00 (2006.01)

[25] EN

[54] COMPOSITIONS AND METHODS
FOR TREATMENT OF
ABNORMAL CELL GROWTH

[54] COMPOSITIONS ET METHODES
POUR LE TRAITEMENT D'UNE
CROISSANCE CELLULAIRE
ANORMALE

[72] PADVAL, MAHESH, US

[72] NKANSAH, PAUL OKWABI, US

[73] VERASTEM, INC., US

[73] PFIZER INC., US

[85] 2016-07-07

[86] 2015-01-09 (PCT/US2015/010810)

[87] (WO2015/106096)

[30] US (61/925,467) 2014-01-09

[11] 2,936,308

[13] C

[51] Int.Cl. A61K 39/395 (2006.01) A61K
31/704 (2006.01) A61P 35/00 (2006.01)
C07K 16/22 (2006.01)

[25] EN

[54] NOVEL ANTI-NETRIN-1
ANTIBODY

[54] ANTICORPS ANTI-NETRINE-1
NOVATEUR

[72] DELCROS, JEAN-GUY, FR

[72] DEAN, YANN, FR

[73] NETRIS PHARMA, FR

[85] 2016-07-08

[86] 2015-01-09 (PCT/EP2015/050306)

[87] (WO2015/104360)

[30] EP (14305034.2) 2014-01-10

**Canadian Patents Issued
February 28, 2023**

[11] **2,937,527**
[13] C

[51] Int.Cl. A62D 3/02 (2007.01) C12M 1/00 (2006.01) C12N 1/00 (2006.01) C12P 1/00 (2006.01) C12P 5/02 (2006.01) C02F 3/28 (2006.01) C02F 11/04 (2006.01)
[25] EN
[54] PROCESS FOR THE ANAEROBIC FERMENTATION OF BIOGENIC WASTE MATERIALS AND PLANT FOR CARRYING OUT THIS PROCESS
[54] PROCEDE DE FERMENTATION ANAEROBIE DE MATERIAUX DE DECHETS BIOGENIQUES ET INSTALLATION DESTINEE A MENER LE PROCEDE
[72] SCHATZ, ADRIAN, CH
[72] LEISNER, RENE, DE
[73] HITACHI ZOSEN INOVA AG, CH
[86] (2937527)
[87] (2937527)
[22] 2016-07-29
[30] EP (15 179 224.9) 2015-07-31

[11] **2,937,612**
[13] C

[51] Int.Cl. C10G 1/04 (2006.01)
[25] EN
[54] FRICTION REDUCERS POLYMERS FOR THE TRANSPORTATION OF RECYCLED PROCESS WATER IN OIL SAND RECOVERY PROCESS
[54] POLYMERES REDUCTEURS DE FRICTION DESTINES AU TRANSPORT D'EAU DE TRAITEMENT RECYCLEE DANS LES PROCEDES DE RECUPERATION DE SABLES BITUMINEUX
[72] TIZZOTI, MORGAN, FR
[72] QUILLIEN, BERNARD, FR
[73] SPCM SA, FR
[86] (2937612)
[87] (2937612)
[22] 2016-08-02

[11] **2,937,839**
[13] C

[51] Int.Cl. A61B 90/11 (2016.01) A61B 50/00 (2016.01) A61B 17/34 (2006.01) A61B 17/86 (2006.01)
[25] EN
[54] STEREOTACTIC ACCESS DEVICES AND METHODS
[54] DISPOSITIFS ET PROCEDES D'ACCES STEREOTAXIQUE
[72] GOWDA, ASHOK, US
[72] AHUJA, MANISH, US
[72] PATWARDHAN, RAVISH, US
[72] McNICHOLS, ROGER J. (DECEASED), US
[72] HOUSSIERE, CHARLES, US
[73] VISUALASE, INC., US
[85] 2016-07-25
[86] 2015-01-23 (PCT/US2015/012675)
[87] (WO2015/112856)
[30] US (61/930,781) 2014-01-23
[30] US (14/602,591) 2015-01-22

[11] **2,938,068**
[13] C

[51] Int.Cl. E21B 41/00 (2006.01) E21B 43/12 (2006.01)
[25] EN
[54] FLOW CONTROL DEVICE
[54] DISPOSITIF DE REGULATION D'ECOULEMENT
[72] ISMAIL, ISMARULLIZAM MOHD, GB
[72] VOLL, BENN, NO
[72] FIPKE, STEVEN, US
[72] CROW, STEPHEN LEE, US
[73] SWELLFIX B.V., NL
[85] 2016-07-27
[86] 2015-01-29 (PCT/EP2015/051832)
[87] (WO2015/114055)
[30] GB (1401653.9) 2014-01-31
[30] US (61/945,401) 2014-02-27

[11] **2,938,076**
[13] C

[51] Int.Cl. A63B 21/02 (2006.01)
[25] EN
[54] STRENGTH TRAINING AND STRETCHING SYSTEM AND RESISTANCE BAND ASSEMBLY FOR USE THEREWITH
[54] SYSTEME D'ENTRAINEMENT ET D'ETIREMENT MUSCULAIRE ET ENSEMBLE A BANDE DE RESISTANCE A UTILISER AVEC CELUI-CI
[72] KAYE, ERIC A., US
[72] CESARONI, WILLIAM C., US
[72] GHASSEMIAN, MORAD, US
[72] MATHEWS, BRIAN W., US
[72] DIMONTE, EUGENE L., US
[72] ZIELKE, DONOVAN D., US
[72] LENZ, STEVEN M., US
[73] KAYEZEN, LLC, US
[85] 2016-07-27
[86] 2015-01-26 (PCT/US2015/012859)
[87] (WO2015/112956)
[30] US (61/931,842) 2014-01-27
[30] US (61/931,887) 2014-01-27
[30] US (61/938,331) 2014-02-11
[30] US (14/598,360) 2015-01-16
[30] US (14/598,383) 2015-01-16
[30] US (14/598,592) 2015-01-16
[30] US (14/598,290) 2015-01-16
[30] US (14/598,305) 2015-01-16
[30] US (14/598,324) 2015-01-16

Brevets canadiens délivrés
28 février 2023

[11] 2,938,581

[13] C

- [51] Int.Cl. A61K 45/06 (2006.01) A61K 31/4745 (2006.01) A61K 31/519 (2006.01) A61K 31/551 (2006.01) A61P 25/18 (2006.01)
- [25] EN
- [54] **PHARMACEUTICAL COMPOSITIONS COMPRISING AN ANTIPSYCHOTIC DRUG AND A VMAT2 INHIBITOR AND USES THEREOF**
- [54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT UN MEDICAMENT ANTIPSYCHOTIQUE ET UN INHIBITEUR DE VMAT2 ET UTILISATIONS DE CELLES-CI**
- [72] HOARE, SAMUEL ROGER JESSE, US
- [73] NEUROCRINE BIOSCIENCES, INC., US
- [85] 2016-08-02
- [86] 2015-02-06 (PCT/US2015/014893)
- [87] (WO2015/120317)
- [30] US (61/937,223) 2014-02-07
-

[11] 2,939,065

[13] C

- [51] Int.Cl. H04N 19/30 (2014.01) H04N 19/70 (2014.01)
- [25] EN
- [54] **TRANSMISSION DEVICE, TRANSMISSION METHOD, RECEPTION DEVICE, AND RECEPTION METHOD**
- [54] **DISPOSITIF D'EMISSION, PROCEDE D'EMISSION, DISPOSITIF DE RECEPTION ET PROCEDE DE RECEPTION**
- [72] TSUKAGOSHI, IKUO, JP
- [73] SONY CORPORATION, JP
- [85] 2016-08-08
- [86] 2015-02-16 (PCT/JP2015/054074)
- [87] (WO2015/125719)
- [30] JP (2014-032354) 2014-02-21

[11] 2,939,219

[13] C

- [51] Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61K 31/52 (2006.01) A61P 25/16 (2006.01) C07D 473/34 (2006.01)
- [25] EN
- [54] **COMPOSITIONS AND METHODS USING THE SAME FOR TREATMENT OF NEURODEGENERATIVE AND MITOCHONDRIAL DISEASE**
- [54] **COMPOSITIONS ET PROCEDES LES UTILISANT POUR LE TRAITEMENT DE MALADIE NEURODEGENERATIVE ET MITOCHONDRIALE**
- [72] DE ROULET, DANIEL, US
- [72] DEVITA, ROBERT, US
- [73] MITOKININ, INC., US
- [85] 2016-08-09
- [86] 2015-02-11 (PCT/US2015/015513)
- [87] (WO2015/123365)
- [30] US (61/938,691) 2014-02-11
-

[11] 2,939,484

[13] C

- [51] Int.Cl. H03M 13/19 (2006.01) H03M 13/27 (2006.01) H04L 27/34 (2006.01)
- [25] EN
- [54] **DATA PROCESSING DEVICE AND DATA PROCESSING METHOD**
- [54] **DISPOSITIF ET PROCEDE DE TRAITEMENT DE DONNEES**
- [72] IKEGAYA, RYOJI, JP
- [72] YAMAMOTO, MAKIKO, JP
- [72] SHINOHARA, YUJI, JP
- [73] SONY CORPORATION, JP
- [85] 2016-08-11
- [86] 2015-02-05 (PCT/JP2015/053185)
- [87] (WO2015/125616)
- [30] JP (2014-030016) 2014-02-19

[11] 2,939,512

[13] C

- [51] Int.Cl. A61K 35/28 (2015.01) A61K 35/12 (2015.01) A61P 35/00 (2006.01)
- [25] EN
- [54] **COMPOSITIONS AND METHODS TO IMPROVE THE HOMING AND GRAFTING OF HEMATOPOETIC STEM CELLS**
- [54] **COMPOSITIONS ET PROCEDES D'AMELIORATION DE LA NOSTOCYTOSE ET LA PRISE DE GREFFE DE CELLULES SOUCHES HEMATOPOIETIQUES**
- [72] MARATHI, UPENDRA K., US
- [73] 7 HILLS PHARMA LLC, US
- [85] 2016-08-11
- [86] 2015-02-12 (PCT/US2015/015679)
- [87] (WO2015/123447)
- [30] US (61/938,988) 2014-02-12
-

[11] 2,940,500

[13] C

- [51] Int.Cl. B05D 3/04 (2006.01) B01D 46/24 (2006.01) B01J 35/04 (2006.01) C04B 41/00 (2006.01) F01N 3/022 (2006.01) F01N 3/28 (2006.01)
- [25] EN
- [54] **METHOD FOR COATING A FILTER SUBSTRATE**
- [54] **PROCEDE DE REVETEMENT D'UN SUBSTRAT FILTRANT**
- [72] ARULRAJ, KANESHALINGHAM, GB
- [72] BHANTOO, JENITA, GB
- [72] SAVAGE, JAMIE, GB
- [72] SMITH, ANDREW, GB
- [72] WANG, LIFENG, JP
- [72] YOKOTA, DAISUKE, GB
- [73] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
- [85] 2016-08-23
- [86] 2015-03-24 (PCT/GB2015/050858)
- [87] (WO2015/145122)
- [30] GB (1405277.3) 2014-03-25

**Canadian Patents Issued
February 28, 2023**

[11] **2,940,888**
[13] C

- [51] Int.Cl. A61K 31/02 (2006.01) A61K 9/107 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)
[25] EN
[54] FRACTIONATED RADIOTHERAPY AND CHEMOTHERAPY WITH AN OXYGEN THERAPEUTIC
[54] RADIOTHERAPIE ET CHIMIOTHERAPIE FRACTIONNEES FAISANT INTERVENIR DE L'OXYGENE THERAPEUTIQUE
[72] UNGER, EVAN C., US
[73] NUVOX PHARMA LLC, US
[85] 2016-08-25
[86] 2015-03-05 (PCT/US2015/018942)
[87] (WO2015/134735)
[30] US (61/948,406) 2014-03-05
-

[11] **2,941,086**
[13] C

- [51] Int.Cl. A61M 16/00 (2006.01) G01F 1/44 (2006.01) G01F 15/00 (2006.01)
[25] EN
[54] FLOW SENSOR FOR VENTILATOR
[54] CAPTEUR D'ECOULEMENT POUR RESPIRATEUR
[72] STROMSTEN, PATRIK, SE
[72] HELLBERG, JAN, SE
[73] BREAS MEDICAL AB, SE
[85] 2016-08-29
[86] 2014-02-28 (PCT/EP2014/053988)
[87] (WO2015/127994)
-

[11] **2,941,526**
[13] C

- [51] Int.Cl. G05B 23/02 (2006.01) G16Z 99/00 (2019.01) E06B 9/24 (2006.01) G02F 1/15 (2019.01)
[25] EN
[54] MONITORING SITES CONTAINING SWITCHABLE OPTICAL DEVICES AND CONTROLLERS
[54] SURVEILLANCE DE SITES COMPRENANT DES DISPOSITIFS OPTIQUES COMMUTABLES ET DES ORGANES DE COMMANDE
[72] SHRIVASTAVA, DHAIRYA, US
[72] BROWN, STEPHEN C., US
[72] MANI, VIJAY, US
[73] VIEW, INC., US
[85] 2016-09-01
[86] 2015-03-05 (PCT/US2015/019031)
[87] (WO2015/134789)
[30] US (61/948,464) 2014-03-05
[30] US (61/974,677) 2014-04-03
-

[11] **2,941,669**
[13] C

- [51] Int.Cl. H04W 48/20 (2009.01) H04W 48/16 (2009.01)
[25] EN
[54] DETERMINATION METHOD AND CORRESPONDING TERMINAL, COMPUTER PROGRAM PRODUCT AND STORAGE MEDIUM
[54] PROCEDE DE DETERMINATION ET TERMINAL, PRODUIT DE PROGRAMME INFORMATIQUE ET SUPPORT DE STOCKAGE CORRESPONDANTS
[72] ALBERT, FREDERIC, FR
[72] JEANNE, LUDOVIC, FR
[72] COLMAGRO, JEAN-CLAUDE, FR
[73] INTERDIGITAL CE PATENT HOLDINGS, SAS, FR
[85] 2016-09-06
[86] 2015-03-05 (PCT/EP2015/054680)
[87] (WO2015/132362)
[30] FR (1451874) 2014-03-07
-

[11] **2,941,738**
[13] C

- [51] Int.Cl. C12N 15/09 (2006.01) C12N 9/52 (2006.01)
[25] EN
[54] GRIMONTIA-HOLLISAE-DERIVED RECOMBINANT COLLAGENASE AND ENZYME AGENT FOR CELL AND TISSUE DISSOCIATION
[54] COLLAGENASE RECOMBINANTE DERIVEE DE GRIMONTIA HOLLISAE, ET AGENT ENZYMATIQUE POUR SEPARATION DE CELLULES
[72] TERAMURA, NAOKO, JP
[72] IIJIMA, KATSUMASA, JP
[72] HAYASHIDA, OSAMU, JP
[72] TANAKA, KEISUKE, JP
[72] HATTORI, SHUNJI, JP
[72] OKITSU, TERU, JP
[72] TAKEUCHI, SHOJI, JP
[73] THE UNIVERSITY OF TOKYO, JP
[73] NIPPI, INCORPORATED, JP
[85] 2016-09-06
[86] 2015-03-06 (PCT/JP2015/056748)
[87] (WO2015/133636)
[30] JP (2014-044205) 2014-03-06
-

[11] **2,941,961**
[13] C

- [51] Int.Cl. A61K 9/72 (2006.01) A24B 15/167 (2020.01) A24F 40/10 (2020.01) A61K 31/352 (2006.01)
[25] EN
[54] CANNABINOID FORMULATIONS FOR AEROSOL DEVICES AND METHODS THEREOF
[54] FORMULATIONS DE CANNABINOIDE DESTINEES A DES DISPOSITIFS AEROSOLS ET METHODES ASSOCIEES
[72] LOPEZ, JOHN EMILIO WILLIAM, CA
[73] MARKHAM BIOTECH INC., CA
[86] (2941961)
[87] (2941961)
[22] 2016-09-15

**Brevets canadiens délivrés
28 février 2023**

[11] 2,943,012
[13] C

- [51] Int.Cl. A61L 15/28 (2006.01) A61F 13/53 (2006.01) A61L 15/22 (2006.01) A61L 15/48 (2006.01) A61L 15/60 (2006.01) A61L 26/00 (2006.01)
- [25] EN
- [54] CHITOSAN WOUND DRESSINGS THAT MAINTAIN GEL INTEGRITY AT LEAST 24 HOURS
- [54] PANSEMENTS EN CHITOSANE QUI MAINTIENNENT L'INTEGRITE DU GEL PENDANT AU MOINS 24 HEURES
- [72] HARDY, CRAIG, GB
- [72] HOGGARTH, ANDREW, GB
- [72] WARDE, DAVID, GB
- [73] MEDTRADE PRODUCTS LIMITED, GB
- [85] 2016-09-16
- [86] 2015-03-19 (PCT/GB2015/050815)
- [87] (WO2015/140563)
- [30] GB (1404954.8) 2014-03-19
-

[11] 2,943,060
[13] C

- [51] Int.Cl. H02J 3/18 (2006.01) G05F 3/04 (2006.01) H01J 19/04 (2006.01) H01J 21/00 (2006.01)
- [25] EN
- [54] SYSTEM FOR IMPROVING POWER FACTOR IN AN AC POWER SYSTEM
- [54] AMELIORATION DU FACTEUR DE PUISSANCE DANS UN SYSTEME D'ALIMENTATION CA
- [72] BIRNBACH, CURTIS, A., US
- [73] ADVANCED FUSION SYSTEMS LLC, US
- [85] 2016-09-16
- [86] 2015-02-27 (PCT/US2015/017979)
- [87] (WO2015/148050)
- [30] US (14/223,578) 2014-03-24
-

[11] 2,943,075
[13] C

- [51] Int.Cl. A61K 31/4725 (2006.01) A61K 31/497 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61K 45/06 (2006.01) A61P 19/02 (2006.01) A61P 19/08 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01)
- [25] EN
- [54] HETEROCYCLIC COMPOUNDS FOR USE IN THE TREATMENT OF PI3K-GAMMA MEDIATED DISORDERS
- [54] COMPOSES HETEROCYCLIQUES DESTINES A ETRE UTILISES DANS LE TRAITEMENT DE TROUBLES MEDIES PAR PI3K-GAMMA
- [72] KUTOK, JEFFERY L., US
- [72] WINKLER, DAVID G., US
- [72] PALOMBELLA, VITO J., US
- [73] INFINITY PHARMACEUTICALS, INC., US
- [85] 2016-09-16
- [86] 2015-03-18 (PCT/US2015/021200)
- [87] (WO2015/143012)
- [30] US (61/955,717) 2014-03-19
- [30] US (61/980,484) 2014-04-16
- [30] US (62/000,923) 2014-05-20
- [30] US (62/033,008) 2014-08-04
- [30] US (62/059,766) 2014-10-03
- [30] US (62/075,173) 2014-11-04
- [30] US (62/101,980) 2015-01-09
-

[11] 2,943,482
[13] C

- [51] Int.Cl. B67D 1/08 (2006.01) B67D 1/04 (2006.01)
- [25] EN
- [54] BEVERAGE DISPENSING APPLIANCE COMPRISING A COOLING UNIT
- [54] APPAREIL DE DISTRIBUTION DE BOISSON COMPRENANT UNE UNITE DE REFROIDISSEMENT
- [72] PEIRSMAN, DANIEL, BE
- [72] VANDEKERCKHOVE, STIJN, BE
- [73] ANHEUSER-BUSCH INBEV SA, BE
- [85] 2016-09-21
- [86] 2015-03-24 (PCT/EP2015/056222)
- [87] (WO2015/144685)
- [30] EP (14161327.3) 2014-03-24
-

[11] 2,943,886
[13] C

- [51] Int.Cl. B22F 1/00 (2022.01) B22F 3/10 (2006.01) B22F 9/04 (2006.01)
- [25] EN
- [54] ALUMINUM ALLOY POWDER FORMULATIONS WITH SILICON ADDITIONS FOR MECHANICAL PROPERTY IMPROVEMENTS
- [54] FORMULATIONS DE POUDRE D'ALLIAGE D'ALUMINIUM AVEC DES ADDITIONS DE SILICIUM POUR DES AMELIORATIONS DE PROPRIETES MECANIQUES
- [72] BISHOP, DONALD PAUL, CA
- [72] HEXEMER, RICHARD L., JR., US
- [72] DONALDSON, IAN, US
- [72] COOKE, RANDY WILLIAMS, CA
- [73] GKN SINTER METALS, LLC, US
- [85] 2016-09-23
- [86] 2015-04-08 (PCT/US2015/024913)
- [87] (WO2015/157411)
- [30] US (61/978,461) 2014-04-11
-

[11] 2,943,942
[13] C

- [51] Int.Cl. G01B 7/16 (2006.01) B82Y 30/00 (2011.01) E01C 23/00 (2006.01) G01L 1/18 (2006.01) G01L 1/20 (2006.01)
- [25] EN
- [54] AN ACQUISITION DEVICE, A METHOD OF FABRICATING IT, AND A METHOD OF MEASURING FORCE
- [54] DISPOSITIF D'ACQUISITION, PROCEDE DE FABRICATION DE CELUI-CI, PROCEDE DE MESURE DE FORCE
- [72] LEBENTAL, BERENGERE, FR
- [72] GHADDAB, BOUTHEINA, FR
- [72] GAUDEFROY, VINCENT, FR
- [72] RUIZ-HITZKY, EDUARDO, ES
- [72] ARANDA GALLEGOS, PILAR, ES
- [72] RUIZ GARCIA, CRISTINA, FR
- [72] HENNINGS, BIRGER, US
- [73] INSTITUT FRANCAIS DES SCIENCES ET TECHNOLOGIES DES TRANSPORTS, DE L'AMENAGEMENT ET DES RESEAUX, FR
- [73] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, ES
- [73] ECOLE POLYTECHNIQUE, FR
- [85] 2016-09-26
- [86] 2015-03-27 (PCT/FR2015/050805)
- [87] (WO2015/150676)
- [30] FR (1452842) 2014-03-31

Canadian Patents Issued
February 28, 2023

[11] **2,944,890**
[13] C

- [51] Int.Cl. G09B 23/00 (2006.01) A63H 33/04 (2006.01)
 - [25] EN
 - [54] SYSTEMS AND METHODS FOR COLLAPSIBLE STRUCTURE APPLICATIONS
 - [54] SYSTEMES ET PROCEDES POUR APPLICATIONS DE STRUCTURES RETRACTABLES
 - [72] HOWARD, T. DASHON, US
 - [73] HOWARD, T. DASHON, US
 - [85] 2016-10-04
 - [86] 2015-04-02 (PCT/US2015/023973)
 - [87] (WO2015/153827)
 - [30] US (14/245,249) 2014-04-04
-

[11] **2,944,900**
[13] C

- [51] Int.Cl. A61K 9/16 (2006.01) A61K 9/26 (2006.01) A61K 31/424 (2006.01) A61K 31/43 (2006.01)
- [25] EN
- [54] DISINTEGRATING MONOLITHIC MODIFIED RELEASE TABLETS CONTAINING QUADRI-LAYER EXTENDED RELEASE GRANULES
- [54] COMPRIMES MONOLITHIQUES A LIBERATION MODIFIEE SE DESINTEGRANT, CONTENANT DES GRANULES A LIBERATION PROLONGEE QUADRI-COUCHES
- [72] MOHAMMAD, MOHAMMAD AMIN, JO
- [73] PHARMAQUEST INTERNATIONAL CENTER, LLC, US
- [85] 2016-10-04
- [86] 2015-04-03 (PCT/US2015/024267)
- [87] (WO2015/153984)
- [30] US (61/975,540) 2014-04-04

[11] **2,945,735**
[13] C

- [51] Int.Cl. G01N 1/22 (2006.01) G01K 13/024 (2021.01) B64D 15/20 (2006.01) B64D 43/00 (2006.01) G01F 1/76 (2006.01) G01L 19/14 (2006.01) G01N 15/00 (2006.01)
- [25] EN
- [54] REAR-FACING AIRSTREAM SENSOR
- [54] CAPTEUR D'AIR DOTE D'UNE ENTREE ORIENTEE VERS L'aval AFIN DE PREVENIR LA CONDENSATION
- [72] FULEKI, DAN, CA
- [72] KNEZEVICI, DANIEL, CA
- [73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
- [85] 2016-10-13
- [86] 2015-04-10 (PCT/IB2015/052624)
- [87] (WO2015/159193)
- [30] US (61/979,135) 2014-04-14

[11] **2,946,062**
[13] C

- [51] Int.Cl. C07D 495/04 (2006.01) A61K 31/381 (2006.01) A61K 31/395 (2006.01) A61K 31/435 (2006.01) A61K 31/4365 (2006.01) A61K 31/4545 (2006.01) C07D 211/14 (2006.01) C07D 211/44 (2006.01) C07D 211/58 (2006.01) C07D 295/12 (2006.01) C07D 333/66 (2006.01) C07D 401/04 (2006.01) C07D 401/06 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 405/14 (2006.01) C07D 407/12 (2006.01) C07D 409/04 (2006.01) C07D 409/12 (2006.01) C07D 409/14 (2006.01) C07D 417/14 (2006.01) C07D 487/04 (2006.01)
- [25] EN

- [54] COMPOUNDS FOR TREATING VIRAL INFECTIONS
- [54] COMPOSES POUR TRAITER DES INFECTIONS VIRALES
- [72] WINDISCH, MARC P., DE
- [72] KIM, HEE-YOUNG, KR
- [72] YANG, JAEWON, KR
- [72] HWANG, JONG YEON, KR
- [72] JO, SUYEON, KR
- [72] KWON, JEONGJIN, KR
- [72] PARK, DONGSIK, KR
- [72] CHOI, JIHYUN, KR
- [72] LEE, JAEHEON, KR
- [73] INSTITUT PASTEUR KOREA, KR
- [85] 2016-10-17
- [86] 2015-04-17 (PCT/EP2015/058421)
- [87] (WO2015/158908)
- [30] US (61/980,940) 2014-04-17

[11] **2,946,145**
[13] C

- [51] Int.Cl. G06Q 20/08 (2012.01) G06Q 20/32 (2012.01) G06Q 20/34 (2012.01) G06Q 20/38 (2012.01)
- [25] FR
- [54] METHODS FOR PROCESSING TRANSACTIONAL DATA, AND CORRESPONDING DEVICES AND PROGRAMS
- [54] PROCEDES DE TRAITEMENT DE DONNEES TRANSACTIONNELLES, DISPOSITIFS ET PROGRAMMES CORRESPONDANTS
- [72] SARRADIN, JEAN-LOUIS, FR
- [73] BANKS AND ACQUIRERS INTERNATIONAL HOLDING, FR
- [85] 2016-10-14
- [86] 2015-04-10 (PCT/EP2015/057837)
- [87] (WO2015/158619)
- [30] FR (1453569) 2014-04-18

[11] **2,946,157**
[13] C

- [51] Int.Cl. H04L 67/1396 (2022.01) H04L 9/40 (2022.01) G06F 21/00 (2013.01)
- [25] EN
- [54] METHOD AND APPARATUS FOR MULTI-TENANCY SECRETS MANAGEMENT
- [54] PROCEDE ET APPAREIL DE GESTION DE SECRETS MULTILECATAIRES
- [72] CABRERA, LUIS FELIPE, US
- [72] LIETZ, M. SHANNON, US
- [73] INTUIT INC., US
- [85] 2016-10-17
- [86] 2015-04-30 (PCT/US2015/028393)
- [87] (WO2015/168350)
- [30] US (14/265,930) 2014-04-30

[11] **2,946,249**
[13] C

- [51] Int.Cl. E04B 1/41 (2006.01)
- [25] EN
- [54] ANTI-TORSION ANCHOR BOLT
- [54] BOULON D'ANCRAGE ANTI-TORSION
- [72] DRUMMOND, SCOTT, US
- [72] ZIMMERMAN, STEVE, US
- [72] WALWORTH, VAN T., US
- [72] DUPUY, TOMMY, US
- [73] SR SYSTEMS, LLC, US
- [85] 2016-10-17
- [86] 2015-07-16 (PCT/US2015/040764)
- [87] (WO2016/011259)
- [30] US (62/025,271) 2014-07-16
- [30] US (14/801,118) 2015-07-16

Brevets canadiens délivrés
28 février 2023

[11] **2,946,347**

[13] C

- [51] Int.Cl. B65D 33/00 (2006.01) B65D 77/06 (2006.01) B65D 33/18 (2006.01) B65D 33/24 (2006.01) B65D 33/25 (2006.01)
[25] EN
[54] FLEXIBLE BAG AND METHOD FOR FILLING A FLEXIBLE BAG
[54] SAC SOUPLE ET METHODE DE REMPLISSAGE D'UN SAC SOUPLE
[72] OUELLETTE, MATTHEW DAVID, US
[73] GLOBAL LIFE SCIENCES SOLUTIONS USA LLC, US
[85] 2016-10-19
[86] 2015-04-16 (PCT/EP2015/058226)
[87] (WO2015/162048)
[30] US (14/258,058) 2014-04-22
-

[11] **2,946,402**

[13] C

- [51] Int.Cl. C07K 19/00 (2006.01) A61K 47/68 (2017.01) A61P 25/28 (2006.01) A61P 35/00 (2006.01) C07K 14/52 (2006.01) C07K 14/705 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01)
[25] EN
[54] SINGLE-CHAIN TRAIL-RECEPTOR AGONIST PROTEINS
[54] PROTEINES AGONISTES DU RECEPTEUR TRAIL MONOCATENAIRES
[72] HILL, OLIVER, DE
[72] GIEFFERS, CHRISTIAN, DE
[72] THIEMANN, MEINOLF, DE
[72] BUCHANAN, FRITZ G., US
[72] PHILLIPS, DARREN C., US
[72] LAPPE, SUSAN E., US
[73] ABBVIE INC., US
[73] APOGENIX AG, DE
[85] 2016-10-19
[86] 2015-04-23 (PCT/US2015/027270)
[87] (WO2015/164588)
[30] US (61/983,152) 2014-04-23
-

[11] **2,946,481**

[13] C

- [51] Int.Cl. F01L 9/16 (2021.01) F01B 17/00 (2006.01) F01L 3/00 (2006.01)
[25] FR
[54] COMPRESSED-AIR ENGINE WITH AN INTEGRATED ACTIVE CHAMBER AND WITH ACTIVE INTAKE DISTRIBUTION
[54] MOTEUR A AIR COMPRIME A CHAMBRE ACTIVE INCLUSE ET A DISTRIBUTION ACTIVE A L'ADMISSION
[72] NEGRE, GUY, LU
[72] NEGRE, CYRIL, FR
[73] MOTOR DEVELOPMENT INTERNATIONAL S.A., LU
[85] 2016-10-20
[86] 2015-05-18 (PCT/EP2015/060855)
[87] (WO2015/177076)
[30] FR (1454603) 2014-05-22
-

[11] **2,947,016**

[13] C

- [51] Int.Cl. A61B 18/04 (2006.01) A61B 18/00 (2006.01) A61B 18/08 (2006.01) A61B 18/20 (2006.01)
[25] EN
[54] TREATMENT METHODS AND PORTABLE SURGICAL DEVICES FOR TREATING NEOPLASTIC AND HYPERPLASTIC CELLS IN THE CERVIX AND OTHER DERMATOLOGICALLY OR SURFACE RELATED DISORDERS
[54] PROCEDES DE TRAITEMENT ET DISPOSITIFS CHIRURGICAUX PORTATIFS POUR LE TRAITEMENT DE CELLULES HYPERPLASIQUES ET NEOPLASIQUES DANS LE COL DE L'UTERUS ET AUTRES TROUBLES DERMATOLOGIQUES OU SUPERFICIELS
[72] WALLACE, WILLIAM DEAN, US
[73] WALLACE, WILLIAM DEAN, US
[85] 2016-10-25
[86] 2015-04-29 (PCT/US2015/000053)
[87] (WO2015/167623)
[30] US (61/985,961) 2014-04-29
[30] US (62/125,486) 2015-01-23
-

[11] **2,947,125**

[13] C

- [51] Int.Cl. C12N 15/867 (2006.01) A61K 48/00 (2006.01) C07K 14/115 (2006.01) C07K 14/705 (2006.01) C07K 14/755 (2006.01) C07K 14/81 (2006.01) C12N 7/00 (2006.01) C12N 9/24 (2006.01) C12N 15/45 (2006.01) C12N 15/86 (2006.01)
[25] EN
[54] LENTIVIRAL VECTORS
[54] VECTEURS LENTIVIRAUX
[72] ALTON, ERIC WALTER FREDERICK WOLFGANG, GB
[72] GRIESENBACH, UTA, GB
[72] PYTEL, KAMILA MALGORZATA, GB
[72] PAUL-SMITH, MICHAEL CHRISTIAN, GB
[72] PRINGLE, IAN ANDREW, GB
[72] HYDE, STEPHEN CHARLES, GB
[72] GILL, DEBORAH REBECCA, GB
[72] DAVIES, LEE ADRIAN, GB
[72] BOYD, ALAN CHRISTOPHER, GB
[72] MCLACHLAN, GERARD, GB
[72] INOUE, MAKOTO, JP
[73] ID PHARMA CO., LTD., JP
[73] IP2IPO INNOVATIONS LIMITED, GB
[85] 2016-10-26
[86] 2015-04-23 (PCT/GB2015/051201)
[87] (WO2015/177501)
[30] GB (1409089.8) 2014-05-21

**Canadian Patents Issued
February 28, 2023**

[11] **2,947,174**
[13] C

- [51] Int.Cl. C07D 471/04 (2006.01) A61K 31/454 (2006.01) A61K 31/4545 (2006.01) A61P 27/02 (2006.01) C07D 487/04 (2006.01)
 - [25] EN
 - [54] **SUBSTITUTED 4-PHENYLPIPERIDINES, THEIR PREPARATION AND USE**
 - [54] **4-PHENYLEPIPERIDINES SUBSTITUDEES, LEUR PREPARATION ET UTILISATION**
 - [72] PETRUKHIN, KONSTANTIN, US
 - [72] ALLIKMETS, RANDO, US
 - [72] JOHNSON, GRAHAM, US
 - [72] CIOFFI, CHRISTOPHER, US
 - [72] FREEMAN, EMILY, US
 - [72] CHEN, PING, US
 - [72] CONLON, MICHAEL, US
 - [72] ZHU, LEI, US
 - [73] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
 - [85] 2016-10-26
 - [86] 2015-04-29 (PCT/US2015/028293)
 - [87] (WO2015/168286)
 - [30] US (61/986,578) 2014-04-30
-

[11] **2,948,206**
[13] C

- [51] Int.Cl. G07C 9/29 (2020.01) H04W 84/20 (2009.01) H04W 4/80 (2018.01) H04W 76/14 (2018.01)
 - [25] EN
 - [54] **ELECTRONIC ACCESS CONTROL DEVICE AND ACCESS CONTROL METHOD**
 - [54] **DISPOSITIF DE COMMANDE D'ACCÈS ÉLECTRONIQUE ET PROCÉDÉ DE COMMANDE D'ACCÈS**
 - [72] PLUSS, MARCEL, CH
 - [72] STUDERUS, PAUL, CH
 - [73] LEGIC IDENTSYSTEMS AG, CH
 - [85] 2016-11-07
 - [86] 2015-06-18 (PCT/EP2015/001233)
 - [87] (WO2015/197179)
 - [30] CH (00951/14) 2014-06-23
-

[11] **2,948,563**
[13] C

- [51] Int.Cl. G10L 19/038 (2013.01) G10L 19/008 (2013.01)
 - [25] EN
 - [54] **SELECTING CODEBOOKS FOR CODING VECTORS DECOMPOSED FROM HIGHER-ORDER AMBIOPHONIC AUDIO SIGNALS**
 - [54] **SELECTION DE LISTES DE CODAGE DESTINÉES AU CODAGE DE VECTEURS DÉCOMPOSÉS À PARTIR DE SIGNAUX AUDIO AMBIOPHONIQUES D'ORDRE SUPÉRIEUR**
 - [72] KIM, MOO YOUNG, US
 - [72] PETERS, NILS GUNTHER, US
 - [72] SEN, DIPANJAN, US
 - [73] QUALCOMM INCORPORATED, US
 - [85] 2016-11-08
 - [86] 2015-05-15 (PCT/US2015/031192)
 - [87] (WO2015/176003)
 - [30] US (61/994,794) 2014-05-16
 - [30] US (62/004,128) 2014-05-28
 - [30] US (62/019,663) 2014-07-01
 - [30] US (62/027,702) 2014-07-22
 - [30] US (62/028,282) 2014-07-23
 - [30] US (62/032,440) 2014-08-01
 - [30] US (14/712,849) 2015-05-14
-

[11] **2,948,639**
[13] C

- [51] Int.Cl. E06B 3/66 (2006.01) A01M 29/08 (2011.01) B32B 17/00 (2006.01) B32B 33/00 (2006.01) C03C 17/34 (2006.01)
 - [25] EN
 - [54] **IG WINDOW UNIT FOR PREVENTING BIRD COLLISIONS**
 - [54] **UNITE FENETRE A VITRAGE ISOLANT PERMETTANT D'ÉVITER LA COLLISION AVEC DES OISEAUX**
 - [72] VIKOR, GYORGY, HU
 - [72] DISTELDORF, BERND, DE
 - [73] GUARDIAN EUROPE S.A.R.L., LU
 - [85] 2016-11-09
 - [86] 2015-05-21 (PCT/US2015/031917)
 - [87] (WO2015/183681)
 - [30] US (14/287,382) 2014-05-27
-

[11] **2,948,665**
[13] C

- [51] Int.Cl. D21H 27/02 (2006.01) A47K 10/02 (2006.01) B31F 1/07 (2006.01)
 - [25] EN
 - [54] **HIGH BULK TISSUE PRODUCT**
 - [54] **PRODUIT DE PAPIER OUATE A GONFLANT ELEVÉ**
 - [72] DWIGGINS, JOHN H., US
 - [73] GPCP IP HOLDINGS LLC, US
 - [85] 2016-11-09
 - [86] 2015-05-06 (PCT/US2015/029440)
 - [87] (WO2015/175281)
 - [30] US (61/994,325) 2014-05-16
 - [30] US (62/108,243) 2015-01-27
 - [30] US (14/699,690) 2015-04-29
-

[11] **2,948,756**
[13] C

- [51] Int.Cl. E21B 33/12 (2006.01) E21B 33/128 (2006.01) E21B 43/26 (2006.01)
 - [25] EN
 - [54] **FRAC PLUG APPARATUS, SETTING TOOL, AND METHOD**
 - [54] **APPAREILLAGE DE BOUCHON DE FRACTURATION, OUTIL D'INSTALLATION ET MÉTHODE**
 - [72] SAULOU, CORY, CA
 - [72] STEWART, TIM, CA
 - [73] MAVERICK DOWNHOLE TECHNOLOGIES INC., CA
 - [86] (2948756)
 - [87] (2948756)
 - [22] 2016-11-15
-

[11] **2,949,544**
[13] C

- [51] Int.Cl. A61K 8/72 (2006.01) A61K 8/02 (2006.01) A61K 8/25 (2006.01) A61K 8/87 (2006.01) A61K 8/89 (2006.01) A61Q 19/00 (2006.01)
- [25] EN
- [54] **COSMETIC COMPOSITIONS WITH ENHANCED COLOR RETENTION FOR IMPROVED SKIN APPEARANCE**
- [54] **COMPOSITIONS COSMÉTIQUES A MAINTIEN AMÉLIORÉ DE LA COULEUR POUR AMÉLIORER L'ASPECT DE LA PEAU**
- [72] HWANG, HIU-ING, US
- [72] RICCARDI, GRACE, US
- [73] EDGEWELL PERSONAL CARE BRANDS, LLC, US
- [85] 2016-11-17
- [86] 2015-05-28 (PCT/US2015/032842)
- [87] (WO2015/184071)
- [30] US (62/004,546) 2014-05-29

**Brevets canadiens délivrés
28 février 2023**

[11] 2,949,771

[13] C

- [51] Int.Cl. B66C 1/10 (2006.01) B65G 1/04 (2006.01) B65G 47/90 (2006.01)
 [25] EN
 [54] CONTAINER
 RAISING/LOWERING
 CONVEYANCE APPARATUS
 [54] APPAREIL DE TRANSPORT PAR
 LEVAGE/ABAISSEMENT DE
 CONTENANT
 [72] KYOTANI, HISASHI, JP
 [72] OGAWA, KAZUKI, JP
 [73] DAIFUKU CO., LTD., JP
 [85] 2016-11-21
 [86] 2015-06-04 (PCT/JP2015/066192)
 [87] (WO2015/190393)
 [30] JP (2014-122243) 2014-06-13
-

[11] 2,949,776

[13] C

- [51] Int.Cl. B66C 1/10 (2006.01) B65G 1/04 (2006.01) B65G 47/90 (2006.01)
 [25] EN
 [54] CONTAINER
 RAISING/LOWERING
 CONVEYANCE APPARATUS
 [54] APPAREIL DE TRANSPORT A
 ELEVATION/ABAISSEMENT DE
 CONTENEURS
 [72] KYOTANI, HISASHI, JP
 [72] OGAWA, KAZUKI, JP
 [73] DAIFUKU CO., LTD., JP
 [85] 2016-11-21
 [86] 2015-06-04 (PCT/JP2015/066197)
 [87] (WO2015/190396)
 [30] JP (2014-122246) 2014-06-13
-

[11] 2,949,882

[13] C

- [51] Int.Cl. A61K 31/137 (2006.01) A61P 11/14 (2006.01)
 [25] EN
 [54] COUGH SYRUP CONTAINING
 AMBROXOL HYDROCHLORIDE
 [54] SIROP ANTITUSSIF CONTENANT
 DU CHLORHYDRATE
 D'AMBROXOL
 [72] PLOHMANN, BERND, DE
 [72] BUSZELLO, KATRIN, DE
 [72] SCHEURING, UWE, DE
 [72] ZAMPONI, ANNETTE, DE
 [73] BOEHRINGER INGELHEIM
 INTERNATIONAL GMBH, DE
 [85] 2016-11-22
 [86] 2015-05-19 (PCT/EP2015/060991)
 [87] (WO2015/177147)
 [30] EP (14169642.7) 2014-05-23
-

[11] 2,950,041

[13] C

- [51] Int.Cl. A01G 24/44 (2018.01) A01G 24/18 (2018.01) A01G 24/30 (2018.01)
 C03C 27/10 (2006.01)
 [25] EN
 [54] GROWTH SUBSTRATE PRODUCT
 [54] PRODUIT SERVANT DE
 SUBSTRAT DE CROISSANCE
 [72] JANSSEN, FRANK, NL
 [73] ROCKWOOL INTERNATIONAL A/S,
 DK
 [85] 2016-11-23
 [86] 2015-05-28 (PCT/EP2015/061898)
 [87] (WO2015/181323)
 [30] EP (14170496.5) 2014-05-29
-

[11] 2,950,272

[13] C

- [51] Int.Cl. C10M 159/22 (2006.01)
 [25] EN
 [54] ALKYLPHENOL DETERGENTS
 [54] DETERGENTS A BASE
 D'ALKYLPHENOL
 [72] WALKER, GARY M., GB
 [72] ROSKI, JAMES P., US
 [72] DELBRIDGE, EWAN E., US
 [73] THE LUBRIZOL CORPORATION, US
 [85] 2016-11-24
 [86] 2015-05-21 (PCT/US2015/031939)
 [87] (WO2015/183685)
 [30] US (62/003,608) 2014-05-28
-

[11] 2,950,413

[13] C

- [51] Int.Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)
 A61P 37/02 (2006.01)
 [25] FR
 [54] ANTIBODY WHICH IS DIRECTED
 AGAINST GALECTIN-9 AND IS AN
 INHIBITOR OF THE SUPPRESSOR
 ACTIVITY OF REGULATORY T
 LYMPHOCYTES
 [54] ANTICORPS DIRIGE CONTRE LA
 GALECTINE 9 ET INHIBITEUR
 DE L'ACTIVITE SUPPRESSIVE
 DES LYMPHOCYTES T
 REGULATEURS
 [72] DELHEM, NADIRA, FR
 [72] BUSSON, PIERRE, FR
 [72] MORALES, OLIVIER, FR
 [72] BARJON, CLEMENT, FR
 [72] MRIZAK, DHAFER, FR
 [72] LHUILLIER, CLAIRE, FR
 [72] MUSTAPHA, RAMI, FR
 [73] CENTRE NATIONAL DE LA
 RECHERCHE SCIENTIFIQUE-CNRS-
 , FR
 [73] INSTITUT GUSTAVE ROUSSY, FR
 [73] CELLVAX, FR
 [73] UNIVERSITE PARIS-SACLAY, FR
 [73] UNIVERSITE DE LILLE, FR
 [85] 2016-11-25
 [86] 2015-06-05 (PCT/FR2015/051498)
 [87] (WO2015/185875)
 [30] FR (14 55177) 2014-06-06
-

[11] 2,950,687

[13] C

- [51] Int.Cl. A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 31/485 (2006.01)
 A61P 25/36 (2006.01) B65D 83/14 (2006.01)
 [25] EN
 [54] NASAL DRUG PRODUCTS AND
 METHODS OF THEIR USE
 [54] PRODUITS DE MEDICAMENT
 ADMINISTRE PAR VOIE NASALE
 ET METHODES D'UTILISATION
 ASSOCIEES
 [72] KEEGAN, FINTAN, IE
 [72] BELL, ROBERT GERARD, US
 [72] CRYSTAL, ROGER, US
 [72] WEISS, MICHAEL BRENNER, US
 [73] ADAPT PHARMA LIMITED, IE
 [73] OPIANT PHARMACEUTICALS, US
 [85] 2016-12-06
 [86] 2016-09-16 (PCT/US2016/052280)
 [87] (WO2017/049181)
 [30] US (62/219,955) 2015-09-17
 [30] US (62/274,536) 2016-01-04

Canadian Patents Issued
February 28, 2023

[11] 2,951,260
[13] C

- [51] Int.Cl. A01N 25/04 (2006.01) A61K 8/06 (2006.01) A61K 9/107 (2006.01)
- [25] EN
- [54] MICROEMULSIONS AND USES THEREOF
- [54] MICROEMULSIONS ET UTILISATIONS DESDITES MICROEMULSIONS
- [72] BASEETH, SHIREEN, US
- [73] ARCHER DANIELS MIDLAND COMPANY, US
- [85] 2016-12-05
- [86] 2015-06-05 (PCT/US2015/034488)
- [87] (WO2015/188103)
- [30] US (62/008,702) 2014-06-06

[11] 2,951,551
[13] C

- [51] Int.Cl. C12N 5/10 (2006.01) C12N 5/071 (2010.01) C12M 3/00 (2006.01) C12M 3/06 (2006.01) C12P 21/02 (2006.01)
- [25] EN
- [54] SEED TRAIN PROCESSES AND USES THEREOF
- [54] PROCESSUS DE CHAINES DE SEMENCES ET LEURS UTILISATIONS
- [72] BRUNINGHAUS, MICHAEL, US
- [72] KONSTANTINOV, KONSTANTIN, US
- [72] WRIGHT, BENJAMIN, US
- [72] ZHOU, WEICHANG, US
- [73] GENZYME CORPORATION, US
- [85] 2016-12-07
- [86] 2015-06-08 (PCT/US2015/034709)
- [87] (WO2015/191462)
- [30] US (62/009,553) 2014-06-09

[11] 2,951,922
[13] C

- [51] Int.Cl. A61K 47/24 (2006.01) A61K 9/107 (2006.01) A61K 49/22 (2006.01)
- [25] EN
- [54] PHOSPHOLIPID COMPOSITION AND MICROBUBBLES AND EMULSIONS FORMED USING SAME
- [54] COMPOSITION PHOSPHOLIPIDIQUE, ET MICROBULLES ET EMULSIONS FORMEES A L'AIDE DE CELLE-CI
- [72] UNGER, EVAN C., US
- [72] EVANS, DANIEL C., US
- [73] MICROVASCULAR THERAPEUTICS, LLC, US
- [85] 2016-12-09
- [86] 2015-06-12 (PCT/US2015/035681)
- [87] (WO2015/192093)
- [30] US (62/011,469) 2014-06-12

[11] 2,952,763
[13] C

- [51] Int.Cl. A61K 31/047 (2006.01) A61K 35/745 (2015.01) A61K 35/747 (2015.01) A23K 10/16 (2016.01) A23K 20/10 (2016.01) A23L 27/30 (2016.01) A23L 33/125 (2016.01) A23L 33/135 (2016.01) A23L 33/15 (2016.01) A23C 9/152 (2006.01) A61K 31/4415 (2006.01) A61K 31/525 (2006.01) A61K 31/714 (2006.01) A61K 35/74 (2015.01) A61P 3/12 (2006.01) A61P 9/10 (2006.01) A61P 25/28 (2006.01) A61P 27/02 (2006.01) A61P 27/10 (2006.01) C12N 1/20 (2006.01)
- [25] EN
- [54] MYO-INOSITOL AND PROBIOTICS AND USES
- [54] MYO-INOSITOL, PROBIOTIQUES ET UTILISATIONS
- [72] SILVA ZOLEZZI, IRMA, CH
- [72] GODFREY, KEITH MALCOLM, GB
- [72] BAKER, PHILIP NEWTON, NZ
- [72] CHONG, YAP SENG, SG
- [72] MACE, CATHERINE, CH
- [72] MINEHIRA CASTELLI, KAORI, CH
- [73] SOCIETE DES PRODUITS NESTLE S.A., CH
- [85] 2016-12-16
- [86] 2015-08-06 (PCT/EP2015/068187)
- [87] (WO2016/020488)
- [30] EP (14180399.9) 2014-08-08
- [30] EP (14180403.9) 2014-08-08
- [30] EP (15170902.9) 2015-06-05

[11] 2,952,914
[13] C

- [51] Int.Cl. F02C 7/36 (2006.01) F01D 21/04 (2006.01) F02C 3/113 (2006.01) F02K 3/06 (2006.01)
- [25] FR
- [54] TURBOMACHINE COMPRISING A MEANS OF UNCOUPLING A FAN
- [54] TURBOMACHINE COMPORTANT UN MOYEN DE DECOUPLAGE D'UNE SOUFFLANTE
- [72] TAN-KIM, ALEXANDRE, FR
- [72] BECOULET, JULIEN FABIEN PATRICK, FR
- [73] SAFRAN AIRCRAFT ENGINES, FR
- [85] 2016-12-19
- [86] 2015-06-17 (PCT/FR2015/051614)
- [87] (WO2015/197949)
- [30] FR (1455939) 2014-06-25

[11] 2,953,059
[13] C

- [51] Int.Cl. A61B 17/132 (2006.01) A61B 5/024 (2006.01) A61B 5/026 (2006.01) A61B 17/135 (2006.01)
- [25] EN
- [54] A METHOD FOR AUTOMATIC BLOOD FLOW CONTROL, AUTOMATIC BLOOD FLOW CONTROL SYSTEM AND A TOURNIQUET
- [54] PROCEDE DE REGULATION DU DEBIT SANGUIN AUTOMATIQUE, SYSTEME DE REGULATION DU DEBIT SANGUIN AUTOMATIQUE ET GARROT
- [72] KRUK, MARIUSZ, PL
- [73] NARODOWY INSTYTUT KARDIOLOGII STEFANA KARDYNALA WYSZYNSKIEGO, PL
- [85] 2016-12-20
- [86] 2015-06-19 (PCT/IB2015/054621)
- [87] (WO2015/193847)
- [30] PL (PL408619) 2014-06-20

**Brevets canadiens délivrés
28 février 2023**

[11] 2,953,768

[13] C

- [51] Int.Cl. A61K 31/4172 (2006.01) A23L 33/17 (2016.01) A23L 33/175 (2016.01) A61K 31/198 (2006.01) A61K 31/405 (2006.01) A61P 3/00 (2006.01)
- [25] EN
- [54] AMINO ACID BASED DIET WITH IMPROVED TASTE
- [54] REGIME ALIMENTAIRE A BASE D'ACIDES AMINES AU GOUT AMELIORE
- [72] RASON, JONATHAN, NL
- [72] SPRINGETT, CAROLE, NL
- [73] N.V. NUTRICIA, NL
- [85] 2016-12-28
- [86] 2015-06-30 (PCT/NL2015/050475)
- [87] (WO2016/003273)
- [30] NL (PCT/NL2014/050429) 2014-07-01
-

[11] 2,954,285

[13] C

- [51] Int.Cl. C07C 1/12 (2006.01) B01J 23/80 (2006.01) B01J 29/85 (2006.01) C07C 1/04 (2006.01) C07C 9/06 (2006.01) C07C 9/08 (2006.01)
- [25] EN
- [54] USE OF A MIXED METAL OXIDE CATALYST IN COMBINATION WITH A MOLECULAR SIEVE CATALYST IN SYNGAS CONVERSION OF CARBON MONOXIDE AND/OR CARBON DIOXIDE
- [54] UTILISATION D'UN CATALYSEUR D'OXYDE METALLIQUE MIXTE AVEC UN CATALYSEUR DE TAMIS MOLECULAIRE DANS UNE CONVERSION DE GAZ SYNTHETIQUE DE MONOXYDE DE CARBONE ET/OU DE DIOXYDE DE CARBONE
- [72] CHOJECKI, ADAM, NL
- [72] NIESKENS, DAVY, NL
- [72] DAVIDIAN, THOMAS, NL
- [72] GROENENDIJK, PETER E., NL
- [72] RUITENBEEK, MATTHIJS, NL
- [72] FISH, BARRY B., US
- [72] TIRTOWIDJOJO, MAX M., US
- [72] MEIMA, GARMT R., NL
- [73] DOW GLOBAL TECHNOLOGIES LLC, US
- [85] 2017-01-04
- [86] 2015-07-08 (PCT/US2015/039522)
- [87] (WO2016/007607)
- [30] US (62/023,500) 2014-07-11
-

[11] 2,954,409

[13] C

- [51] Int.Cl. C10G 45/08 (2006.01) B01J 23/883 (2006.01) B01J 27/19 (2006.01) B01J 35/00 (2006.01) C10G 65/04 (2006.01)
- [25] EN
- [54] A HYDROPROCESSING CATALYST FOR TREATING A HYDROCARBON FEED HAVING AN ARSENIC CONCENTRATION AND A METHOD OF MAKING AND USING SUCH CATALYST
- [54] CATALYSEUR D'HYDROTRAITEMENT POUR LE TRAITEMENT D'UNE CHARGE D'HYDROCARBURES AYANT UNE CONCENTRATION D'ARSENIC ET UN PROCEDE DE FABRICATION ET D'UTILISATION DE CE CATALYSEUR
-

- [72] GINESTRA, JOSIANE MARIE-ROSE, US
- [73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
- [85] 2017-01-05
- [86] 2015-07-09 (PCT/US2015/039638)
- [87] (WO2016/007686)
- [30] US (62/023,238) 2014-07-11
-

[11] 2,954,501

[13] C

- [51] Int.Cl. G08B 13/24 (2006.01) G06K 7/08 (2006.01)
- [25] EN
- [54] HANDHELD DEACTIVATOR WITH INTEGRATED THERMAL SENSOR
- [54] DESACTIVATEUR A MAIN POURVU D'UN CAPTEUR THERMIQUE INTEGRÉ
- [72] BERGMAN, ADAM SCOTT, US
- [72] EASTER, RONALD B., US
- [73] SENORMATIC ELECTRONICS LLC, US
- [85] 2017-01-06
- [86] 2015-05-29 (PCT/US2015/033388)
- [87] (WO2015/184394)
- [30] US (14/290,325) 2014-05-29
-

[11] 2,954,856

[13] C

- [51] Int.Cl. A61F 7/02 (2006.01)
- [25] EN
- [54] THERMAL CONTRAST THERAPY DEVICES, METHODS, AND SYSTEMS
- [54] DISPOSITIFS, PROCEDES ET SYSTEMES DE THERAPIE PAR CONTRASTE THERMIQUE
- [72] SCHAEFER, DAVID, US
- [72] SMITH, RICHARD, US
- [73] CASCADE WELLNESS TECHNOLOGIES, INC., US
- [85] 2017-01-10
- [86] 2015-07-23 (PCT/US2015/041663)
- [87] (WO2016/014748)
- [30] US (14/340,904) 2014-07-25
- [30] US (62/028,952) 2014-07-25
- [30] US (14/682,295) 2015-04-09
-

[11] 2,955,083

[13] C

- [51] Int.Cl. B27K 3/02 (2006.01) C08H 8/00 (2010.01) B27K 3/34 (2006.01) B27K 5/00 (2006.01) B01J 19/20 (2006.01)
- [25] EN
- [54] PROCESS FOR THE ACETYLATION OF WOOD
- [54] PROCEDE POUR L'ACETYULATION DU BOIS
- [72] POL, BERNARDUS JOZEF MARIA, GB
- [72] KAPPEN, THEODORUS GERARDUS MARINUS MARIA, GB
- [73] TRICOYA TECHNOLOGIES LTD, GB
- [85] 2017-01-13
- [86] 2015-07-16 (PCT/EP2015/066317)
- [87] (WO2016/008995)
- [30] EP (14177290.5) 2014-07-16
-

[11] 2,955,278

[13] C

- [51] Int.Cl. E04F 19/04 (2006.01) E04F 13/24 (2006.01) F16B 5/12 (2006.01)
- [25] EN
- [54] DEVICE FOR FASTENING A BASEBOARD TO A WALL
- [54] DISPOSITIF DE FIXATION D'UNE BAGUETTE DE BORD SUR UN MUR
- [72] NEUHOFER JUN., FRANZ, AT
- [73] NEUHOFER JUN., FRANZ, AT
- [85] 2017-01-12
- [86] 2015-07-14 (PCT/AT2015/050166)
- [87] (WO2016/007978)
- [30] AT (A50498/2014) 2014-07-18
-

Canadian Patents Issued
February 28, 2023

[11] 2,955,402
[13] C

- [51] Int.Cl. C12N 1/20 (2006.01) C08C 19/08 (2006.01) C08J 11/10 (2006.01) C12P 5/00 (2006.01)
 - [25] EN
 - [54] PROCESS FOR BACTERIALLY DEVULCANIZING SULPHUR-VULCANIZED RUBBER PARTICLES
 - [54] PROCEDE DE DEVULCANISATION PAR DES BACTERIES DE PARTICULES DE CAOUTCHOUC VULCANISE AU SOUFRE
 - [72] STAEDLER, DAVIDE, CH
 - [72] SPINETTI, THIBAUD, CH
 - [72] LOWE, CHRISTIAN, CH
 - [73] TYRE RECYCLING SOLUTIONS SA, CH
 - [85] 2017-01-16
 - [86] 2015-07-15 (PCT/EP2015/066208)
 - [87] (WO2016/008950)
 - [30] CH (1080/14) 2014-07-16
-

[11] 2,955,734
[13] C

- [51] Int.Cl. G02B 26/08 (2006.01) G02B 3/14 (2006.01) H02N 2/00 (2006.01)
- [25] EN
- [54] A TUNABLE MICROLENS WITH A VARIABLE STRUCTURE ELEMENT
- [54] MICROLENTILLE ACCORDABLE AVEC ELEMENT A STRUCTURE VARIABLE
- [72] PHAIR, JOHN, NO
- [72] SPATSCHECK, THOMAS, NO
- [72] KARTASHOV, VLADIMIR, NO
- [73] POLIGHT ASA, NO
- [85] 2017-01-17
- [86] 2015-07-17 (PCT/EP2015/066490)
- [87] (WO2016/009078)
- [30] EP (14177684.9) 2014-07-18
- [30] EP (14177688.0) 2014-07-18

[11] 2,955,865
[13] C

- [51] Int.Cl. H01J 49/04 (2006.01)
 - [25] EN
 - [54] ION FUNNEL FOR EFFICIENT TRANSMISSION OF LOW MASS-TO-CHARGE RATIO IONS WITH REDUCED GAS FLOW AT THE EXIT
 - [54] ENTONNOIR IONIQUE POUR TRANSMISSION EFFICACE D'IONS A FAIBLE RAPPORT MASSE SUR CHARGE AYANT UN DEBIT GAZEUX REDUIT EN SORTIE
 - [72] BERKOUT, VADYM, US
 - [72] HENDRIKSE, JAN, CA
 - [73] SMITHS DETECTION INC., US
 - [85] 2017-01-19
 - [86] 2015-07-29 (PCT/US2015/042616)
 - [87] (WO2016/018990)
 - [30] US (14/445,595) 2014-07-29
-

[11] 2,956,067
[13] C

- [51] Int.Cl. E05B 47/00 (2006.01)
- [25] EN
- [54] SYSTEM AND METHOD FOR SIGNIFYING INTENT FOR LOCK OPERATION
- [54] SYSTEME ET PROCEDE PERMETTANT DE SIGNIFIER UNE INTENTION D'OPERATION DE VERROUILLAGE
- [72] RETTIG, RAYMOND F., US
- [72] VICKREY, MICHELLE, US
- [72] CAHILL, MICHAEL, US
- [73] SCHLAGE LOCK COMPANY LLC, US
- [85] 2017-01-23
- [86] 2015-06-02 (PCT/US2015/033833)
- [87] (WO2015/187731)
- [30] US (62/006,801) 2014-06-02

[11] 2,956,713
[13] C

- [51] Int.Cl. G06Q 10/087 (2023.01) B65G 1/02 (2006.01) B65G 1/06 (2006.01) B65G 1/137 (2006.01)
 - [25] EN
 - [54] ORDER FULFILLMENT TECHNIQUE
 - [54] TECHNIQUE D'EXECUTION DE COMMANDE
 - [72] SCHUBILSKE, MARTIN E., US
 - [73] DEMATIC CORP., US
 - [85] 2017-01-30
 - [86] 2015-08-04 (PCT/US2015/043591)
 - [87] (WO2016/022546)
 - [30] US (62/032,920) 2014-08-04
-

[11] 2,956,827
[13] C

- [51] Int.Cl. B61D 25/00 (2006.01)
 - [25] FR
 - [54] SIDE GLAZING OF A TRANSPORT MEANS HAVING AN OPENABLE WINDOW
 - [54] VITRAGE LATERAL DE MOYEN DE TRANSPORT A FENETRE OUVRABLE
 - [72] KLEITSCH, MICHAEL, DE
 - [72] GRIGO, UWE, DE
 - [73] SAINT-GOBAIN GLASS FRANCE, FR
 - [85] 2017-01-30
 - [86] 2015-09-17 (PCT/FR2015/052491)
 - [87] (WO2016/042270)
 - [30] FR (1458870) 2014-09-19
-

[11] 2,957,783
[13] C

- [51] Int.Cl. C12Q 1/68 (2018.01) C07H 21/00 (2006.01) C07H 21/02 (2006.01) C07K 16/00 (2006.01) G01N 33/53 (2006.01) G01N 33/532 (2006.01) G01N 33/533 (2006.01) C12Q 1/6876 (2018.01)
- [25] EN
- [54] POLYMERS AND CONJUGATES COMPRISING THE SAME
- [54] POLYMERES ET CONJUGUES COMPRENANT CES POLYMERES
- [72] TANG, LEI, US
- [72] ZHANG, WENJUN, US
- [73] VENTANA MEDICAL SYSTEMS, INC., US
- [85] 2017-02-09
- [86] 2015-10-01 (PCT/EP2015/072701)
- [87] (WO2016/050913)
- [30] US (62/059,073) 2014-10-02
- [30] US (62/212,879) 2015-09-01

Brevets canadiens délivrés
28 février 2023

[11] **2,957,868**

[13] C

- [51] Int.Cl. C07D 495/04 (2006.01) A61K 31/55 (2006.01) A61P 31/14 (2006.01) C07D 491/107 (2006.01) C07D 519/00 (2006.01)
- [25] EN
- [54] NOVEL 5,6-DIHYDRO-4H-BENZO[B]THIENO-[2,3-D]AZEPINE DERIVATIVE
- [54] NOUVEAU DERIVE D'AZEPINE 5,6-DIHYDRO-4 H-BENZO[B]THIENO-[2,3-D]
- [72] HUNT, SIMON FRASER, GB
- [72] ONIONS, STUART THOMAS, GB
- [72] SHERBUKHIN, VLADIMIR, GB
- [72] FORDYCE, EUAN ALEXANDER FRASER, GB
- [72] MURRAY, PETER JOHN, GB
- [72] BROOKES, DANIEL WILLIAM, GB
- [72] ITO, KAZUHIRO, GB
- [72] STRONG, PETER, GB
- [72] COATES, MATTHEW STEPHEN, GB
- [73] PULMOCIDE LIMITED, GB
- [85] 2017-02-10
- [86] 2015-10-08 (PCT/GB2015/052944)
- [87] (WO2016/055791)
- [30] EP (14188494.0) 2014-10-10
-

[11] **2,958,281**

[13] C

- [51] Int.Cl. A61B 8/00 (2006.01)
- [25] EN
- [54] ULTRASOUND DIAGNOSIS APPARATUS FOR SELF-DIAGNOSIS AND REMOTE-DIAGNOSIS, AND METHOD OF OPERATING THE ULTRASOUND DIAGNOSIS APPARATUS
- [54] APPAREIL DE DIAGNOSTIC A ULTRASONS POUR AUTO-DIAGNOSTIC ET DIAGNOSTIC A DISTANCE, ET PROCEDE DE FONCTIONNEMENT DE L'APPAREIL DE DIAGNOSTIC A ULTRASONS
- [72] RYU, JAE-YOUNG, KR
- [72] KIM, DONG-KI, KR
- [72] KIM, YOUNG-HWAN, KR
- [72] SEO, MIN-WOO, KR
- [72] LEE, JEI-YOUNG, KR
- [73] SAMSUNG ELECTRONICS CO., LTD., KR
- [85] 2017-02-16
- [86] 2015-08-28 (PCT/KR2015/009098)
- [87] (WO2016/032298)
- [30] KR (10-2014-0113348) 2014-08-28
-

[11] **2,958,554**

[13] C

- [51] Int.Cl. A61B 5/1468 (2006.01) A61B 10/00 (2006.01) A61F 13/15 (2006.01) A61F 13/20 (2006.01) A61F 13/42 (2006.01) A61F 13/472 (2006.01)
- [25] EN
- [54] SYSTEM AND METHOD FOR NON-INVASIVE ANALYSIS OF BODILY FLUIDS
- [54] SYSTEME ET PROCEDE D'ANALYSE NON-INVASIVE DE FLUIDES CORPORELS
- [72] THERKELSEN, SOREN, US
- [72] NASERI, SARA, US
- [73] QURASENSE INC., US
- [85] 2017-02-17
- [86] 2015-08-05 (PCT/US2015/043883)
- [87] (WO2016/028497)
- [30] US (62/040,341) 2014-08-21
-

[11] **2,958,755**

[13] C

- [51] Int.Cl. C12N 15/70 (2006.01) C12N 1/21 (2006.01)
- [25] EN
- [54] E. COLI-BASED PRODUCTION OF BETA-LACTAMASE
- [54] PRODUCTION DE BETA-LACTAMASE A PARTIR D'E-COLI
- [72] BRISTOL, ANDREW, US
- [72] KALEKO, MICHAEL, US
- [72] HUBERT, STEVEN, US
- [73] SYNTHETIC BIOLOGICS, INC., US
- [85] 2017-02-14
- [86] 2015-08-27 (PCT/US2015/047187)
- [87] (WO2016/033327)
- [30] US (62/043,360) 2014-08-28

[11] **2,958,888**

[13] C

- [51] Int.Cl. G06V 10/00 (2022.01) G06V 10/40 (2022.01) G06V 20/60 (2022.01)
- [25] EN
- [54] REDUCING THE SEARCH SPACE FOR RECOGNITION OF OBJECTS IN AN IMAGE BASED ON WIRELESS SIGNALS
- [54] REDUCTION DE L'ESPACE DE RECHERCHE POUR RECONNAISSANCE D'OBJETS DANS UNE IMAGE SUR LA BASE DE SIGNAUX SANS FIL
- [72] DUBUQUE, SHAUN F., US
- [73] RETAILMENOT, INC., US
- [85] 2017-02-21
- [86] 2015-08-28 (PCT/US2015/047441)
- [87] (WO2016/033468)
- [30] US (62/043,069) 2014-08-28
- [30] US (62/072,044) 2014-10-29
-

[11] **2,959,162**

[13] C

- [51] Int.Cl. A61M 5/20 (2006.01) A61B 90/98 (2016.01) A61M 5/44 (2006.01) A61M 5/315 (2006.01)
- [25] EN
- [54] SENSOR SYSTEMS FOR DRUG DELIVERY DEVICES
- [54] SYSTEMES DE CAPTEUR POUR DISPOSITIFS D'ADMINISTRATION DE MEDICAMENTS
- [72] MARLIN, ARTHUR, US
- [72] KING, WILLIAM, US
- [72] CROSS, LEE, US
- [72] DAVIS, MADELINE, US
- [72] KING, ANDREW, US
- [73] UNITRACT SYRINGE PTY LTD, AU
- [85] 2017-02-23
- [86] 2015-08-28 (PCT/US2015/047503)
- [87] (WO2016/033507)
- [30] US (62/043,217) 2014-08-28
- [30] US (62/043,239) 2014-08-28
- [30] US (62/080,603) 2014-11-17

Canadian Patents Issued
February 28, 2023

[11] **2,959,433**
[13] C

- [51] Int.Cl. B29C 70/06 (2006.01) F02C 7/04 (2006.01) F02K 3/06 (2006.01)
 - [25] EN
 - [54] FAN CASE FOR AN AIRCRAFT ENGINE
 - [54] CARTER DE SOUFFLANTE POUR MOTEUR D'AVION
 - [72] FURST, WALTER, AT
 - [72] HAUGENEDER, ERNST, AT
 - [72] HOREJSI, KONSTANTIN, AT
 - [72] STUBNA, BORIS, AT
 - [72] HOLLRIGL, ANDREAS, AT
 - [73] FACC AG, AT
 - [85] 2017-02-27
 - [86] 2015-10-09 (PCT/AT2015/050251)
 - [87] (WO2016/054669)
 - [30] AT (A 50723/2014) 2014-10-10
-

[11] **2,959,537**
[13] C

- [51] Int.Cl. C12Q 1/68 (2018.01)
- [25] EN
- [54] NUCLEIC ACID EXTRACTION USING ORGANIC SOLVENTS TO REMOVE INHIBITORS
- [54] EXTRACTION D'ACIDE NUCLEIQUE A L'AIDE DE SOLVANTS ORGANIQUES POUR ELIMINER DES INHIBITEURS
- [72] CHEN, LI, US
- [72] STEVENS, JODIE, US
- [72] SCHWAB, KRISTEN, US
- [72] BOONE, JAMES, US
- [72] LYERLY, DAVID, US
- [73] TECHLAB, INC., US
- [85] 2017-02-27
- [86] 2015-09-04 (PCT/US2015/048628)
- [87] (WO2016/037099)
- [30] US (62/045,888) 2014-09-04
- [30] US (14/845,124) 2015-09-03

[11] **2,959,538**
[13] C

- [51] Int.Cl. A61F 2/24 (2006.01) A61B 17/10 (2006.01)
 - [25] EN
 - [54] MITRAL REPAIR AND REPLACEMENT DEVICES AND METHODS
 - [54] DISPOSITIFS ET METHODES DE REPARATION ET DE REMPLACEMENT DE LA VALVE MITRALE
 - [72] SPENCE, PAUL A., US
 - [72] TOMPKINS, LANDON H., US
 - [73] MITRAL VALVE TECHNOLOGIES SARL, CH
 - [85] 2017-02-27
 - [86] 2015-09-11 (PCT/US2015/049811)
 - [87] (WO2016/040881)
 - [30] US (62/049,432) 2014-09-12
 - [30] US (62/073,088) 2014-10-31
 - [30] US (14/850,822) 2015-09-10
-

[11] **2,959,756**
[13] C

- [51] Int.Cl. A61K 31/09 (2006.01) A61K 8/33 (2006.01) A61P 17/16 (2006.01) A61Q 17/04 (2006.01)
- [25] EN
- [54] TOPICAL PTEROSTILBENE COMPOSITIONS FOR USE IN TREATING UV-INDUCED LOSS OF BARRIER FUNCTION IN SKIN
- [54] COMPOSITIONS TOPIQUES DE PTEROSTILBENE DESTINEES A ETRE UTILISEES DANS LE TRAITEMENT DE LA PERTE, INDUIITE PAR LES UV, DE LA FONCTION BARRIERE DE LA PEAU
- [72] MEYSKENS, FRANK L., JR., US
- [72] DELLINGER, RYAN W., US
- [73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
- [85] 2017-03-01
- [86] 2015-09-03 (PCT/US2015/048422)
- [87] (WO2016/036999)
- [30] US (62/046,068) 2014-09-04

[11] **2,960,424**
[13] C

- [51] Int.Cl. G06Q 10/063 (2023.01) G06Q 10/04 (2023.01) G06Q 10/06 (2023.01) G06Q 50/02 (2012.01) A01B 79/00 (2006.01) G01D 1/00 (2006.01)
 - [25] EN
 - [54] METHODS AND SYSTEMS FOR MANAGING AGRICULTURAL ACTIVITIES
 - [54] PROCEDES ET SYSTEMES DE GESTION D'ACTIVITES AGRICOLES
 - [72] ETHINGTON, JAMES, US
 - [72] POLLAK, ELI, US
 - [72] D'ORGEVAL, TRISTAN, US
 - [72] KRUMME, COCO, US
 - [72] LEVEY, EVIN, US
 - [72] WIMBUSH, ALEX, US
 - [72] ANDREJKO, ERIK, US
 - [72] BREGA, MOOREA, US
 - [72] ALDOR-NOIMAN, SIVAN, US
 - [73] CLIMATE LLC, US
 - [85] 2017-03-06
 - [86] 2015-09-10 (PCT/US2015/049486)
 - [87] (WO2016/040678)
 - [30] US (62/049,898) 2014-09-12
 - [30] US (14/846,422) 2015-09-04
-

[11] **2,960,703**
[13] C

- [51] Int.Cl. C07D 487/04 (2006.01) A61K 31/51 (2006.01) A61P 11/00 (2006.01) A61P 29/00 (2006.01) A61P 37/00 (2006.01) C07D 403/12 (2006.01) C07D 473/34 (2006.01)
- [25] EN
- [54] PYRIDAZINONE DERIVATIVES AS PHOSPHOINOSITIDE 3-KINASES INHIBITORS
- [54] DERIVES DE PYRIDAZINONE A TITRE D'INHIBITEURS DE PHOSPHOINOSITIDE 3-KINASES
- [72] BIAGETTI, MATTEO, IT
- [72] CAPELLI, ANNA MARIA, IT
- [72] GUALA, MATILDE, IT
- [73] CHIESI FARMACEUTICI S.P.A., IT
- [85] 2017-03-08
- [86] 2015-09-10 (PCT/EP2015/070715)
- [87] (WO2016/038140)
- [30] EP (14184586.7) 2014-09-12

**Brevets canadiens délivrés
28 février 2023**

[11] **2,960,724**

[13] C

- [51] Int.Cl. B29C 45/38 (2006.01) B29C 45/27 (2006.01) B29C 45/30 (2006.01)
 [25] EN
 [54] A METHOD AND INJECTION-MOULDING NOZZLE FOR PRODUCING INJECTION-MOULDED PARTS FROM PLASTIC
 [54] PROCEDE ET BUSE DE MOULAGE PAR INJECTION POUR FABRIQUER DES PIECES MOULEES A PARTIR D'UNE MATIERE DE PLASTIQUE
 [72] KOLNBERGER, PATRICK, AT
 [72] WINDHAGER, WILLIBALD, AT
 [73] HAIDLMAIR HOLDING GMBH, AT
 [85] 2017-03-09
 [86] 2015-09-10 (PCT/AT2015/050225)
 [87] (WO2016/037209)
 [30] AT (A50631/2014) 2014-09-10
-

[11] **2,960,885**

[13] C

- [51] Int.Cl. A61G 9/00 (2006.01) A61G 7/057 (2006.01)
 [25] FR
 [54] ARTICLE FOR COLLECTING THE URINE AND STOOLS OF A USER
 [54] ARTICLE POUR RECUILLIR L'URINE ET LES SELLES D'UN UTILISATEUR
 [72] CAILLETEAU, BENOIT, CH
 [73] SWISS SAFE COLLECT SA, CH
 [85] 2017-03-09
 [86] 2015-09-15 (PCT/EP2015/071025)
 [87] (WO2016/041927)
 [30] FR (1458658) 2014-09-15
-

[11] **2,960,999**

[13] C

- [51] Int.Cl. C01F 7/56 (2022.01) B03B 5/56 (2006.01)
 [25] EN
 [54] METHOD FOR PRODUCTION OF ALUMINUM CHLORIDE DERIVATIVES
 [54] PROCEDE DE PRODUCTION DE DERIVES DE CHLORURE D'ALUMINIUM
 [72] WONDER, BRUCE, US
 [73] USALCO, LLC, US
 [85] 2017-03-10
 [86] 2015-09-11 (PCT/US2015/049839)
 [87] (WO2016/040902)
 [30] US (62/049,457) 2014-09-12
-

[11] **2,961,059**

[13] C

- [51] Int.Cl. E21B 33/04 (2006.01) E21B 19/00 (2006.01) E21B 23/00 (2006.01)
 [25] EN
 [54] PRODUCTION SYSTEM AND TENSION HANGER
 [54] SYSTEME DE PRODUCTION ET DISPOSITIF DE SUSPENSION A TENSION
 [72] NGUYEN, DENNIS P., US
 [72] LOUDON, TYLER, US
 [73] CAMERON TECHNOLOGIES LIMITED, NL
 [85] 2017-03-10
 [86] 2015-08-18 (PCT/US2015/045749)
 [87] (WO2016/039951)
 [30] US (14/485,553) 2014-09-12
-

[11] **2,961,293**

[13] C

- [51] Int.Cl. H01M 8/0228 (2016.01) B01D 67/00 (2006.01)
 [25] EN
 [54] PROTON CONDUCTING MEMBRANE COMPRISING MONOLITHIC 2D MATERIAL AND IONOMER, A PROCESS FOR PREPARING SAME AND USE OF SAME IN FUEL CELL AND HYDROGEN GAS SENSOR
 [54] MEMBRANE CONDUCTRICE DE PROTONS COMPRENANT UN IONOMERE ET UN MATERIAU 2D MONOLITHIQUE, PROCEDE DE PREPARATION DE CELLE-CI ET UTILISATION DE CELLE-CI DANS UNE PILE A COMBUSTIBLE ET UN CAPTEUR DE GAZ HYDROGENE
 [72] LOZADA, MARCELO, GB
 [72] GEIM, ANDRE K., GB
 [73] THE UNIVERSITY OF MANCHESTER, GB
 [85] 2017-03-14
 [86] 2015-09-15 (PCT/GB2015/052663)
 [87] (WO2016/042309)
 [30] GB (1416527.8) 2014-09-18
-

[11] **2,961,527**

[13] C

- [51] Int.Cl. B60W 30/14 (2006.01)
 [25] EN
 [54] HAND OPERATED AUXILIARY DRIVE AND RETARD TORQUE CONTROL
 [54] COMMANDE DE COUPLE D'ENTRAINEMENT ET DE RALENTISSEMENT AUXILIAIRE ACTIONNEE A LA MAIN
 [72] CHANG, YIDAN, CA
 [73] HITACHI CONSTRUCTION MACHINERY CO., LTD., JP
 [85] 2017-03-16
 [86] 2015-09-17 (PCT/IB2015/001987)
 [87] (WO2016/042405)
 [30] US (62/052,204) 2014-09-18
-

[11] **2,961,714**

[13] C

- [51] Int.Cl. H01M 8/1097 (2016.01) H01M 8/1246 (2016.01) C25B 13/07 (2021.01) C25B 1/04 (2021.01)
 [25] EN
 [54] ELECTROCHEMICAL ELEMENT, SOLID OXIDE FUEL CELL, AND METHODS FOR PRODUCING THE SAME
 [54] ELEMENT ELECTROCHIMIQUE, PILE A COMBUSTIBLE A L'OXYDE SOLIDE ET METHODE DE PRODUCTION ASSOCIEE
 [72] ECHIGO, MITSUAKI, JP
 [72] OHNISHI, HISAO, JP
 [72] MANABE, KYOHEI, JP
 [72] YAMAZAKI, OSAMU, JP
 [72] MINAMI, KAZUYUKI, JP
 [72] TSUDA, YUJI, JP
 [73] OSAKA GAS CO., LTD., JP
 [85] 2017-03-17
 [86] 2015-09-18 (PCT/JP2015/076790)
 [87] (WO2016/043328)
 [30] JP (2014-192029) 2014-09-19

**Canadian Patents Issued
February 28, 2023**

[11] **2,961,962**
[13] C

- [51] Int.Cl. B23K 9/10 (2006.01) B23K 9/32 (2006.01)
[25] EN
[54] WELDING TYPE POWER SUPPLY WITH WIND TUNNEL
[54] ALIMENTATION DU TYPE SOUDAGE AYANT SOUFFLERIE
[72] ALTEKRUSE, KENNETH C., US
[72] MATIASH, NICHOLAS A., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2017-03-20
[86] 2015-10-07 (PCT/US2015/054394)
[87] (WO2016/073127)
[30] US (14/535,553) 2014-11-07
-

[11] **2,962,425**
[13] C

- [51] Int.Cl. G01B 11/28 (2006.01) G06Q 10/06 (2023.01) G06Q 30/06 (2023.01)
G06Q 50/08 (2012.01) G06T 7/41 (2017.01) G06T 7/536 (2017.01) G06T 7/62 (2017.01) G06Q 10/0631 (2023.01) G06Q 30/0601 (2023.01)
G01B 11/00 (2006.01) G01C 11/00 (2006.01) G01C 15/00 (2006.01) G06Q 10/00 (2023.01) G06T 7/00 (2017.01)
G06T 7/40 (2017.01) G06T 7/60 (2017.01)
[25] EN
[54] SYSTEM AND METHOD FOR DETERMINING COATING REQUIREMENTS
[54] SYSTEME ET PROCEDE POUR DETERMINER DES EXIGENCES DE REVETEMENT
[72] BIPES, JEFFREY D., US
[72] DANIEL, WILLIAM S., US
[72] BLOOMBERG, STEVEN S., US
[72] CAHILL, RICHARD C., US
[73] SWIMC LLC, US
[85] 2017-03-23
[86] 2015-09-25 (PCT/US2015/052371)
[87] (WO2016/049536)
[30] US (62/056,204) 2014-09-26
-

[11] **2,962,747**
[13] C

- [51] Int.Cl. A61F 2/24 (2006.01) A61F 2/02 (2006.01) A61F 2/04 (2013.01)
[25] EN
[54] APPARATUSES FOR TREATING CARDIAC DYSFUNCTION
[54] APPAREILS PERMETTANT DE TRAITER UN DYSFONCTIONNEMENT CARDIAQUE
[72] ALEXANDER, MILES D., US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2017-03-27
[86] 2015-09-18 (PCT/US2015/050827)
[87] (WO2016/048802)
[30] CN (201420564242.9) 2014-09-28
[30] CN (201420564809.2) 2014-09-28
[30] CN (201420564806.9) 2014-09-28
-

[11] **2,962,824**
[13] C

- [51] Int.Cl. A23G 1/32 (2006.01) A23G 1/46 (2006.01)
[25] EN
[54] WHITE CHOCOLATE WITH ENHANCED PROPERTIES AND METHODS OF MAKING
[54] CHOCOLAT BLANC AYANT DES PROPRIETES AMELIOREES ET PROCEDES DE FABRICATION
[72] MUNAFI, JOHN P., US
[72] MACKEY, MARK S., US
[72] CHIANG, NANCY, US
[72] LUKASEWYCZ, LAURA D., US
[73] MARS, INCORPORATED, US
[85] 2017-03-27
[86] 2015-10-20 (PCT/US2015/056486)
[87] (WO2016/064891)
[30] US (62/066,567) 2014-10-21
-

[11] **2,963,282**
[13] C

- [51] Int.Cl. H02J 50/00 (2016.01) B01J 19/12 (2006.01) H05H 15/00 (2006.01)
[25] EN
[54] SIMULTANEOUS GENERATION OF ELECTRICITY AND CHEMICALS USING A RENEWABLE PRIMARY ENERGY SOURCE
[54] PRODUCTION SIMULTANEE D'ELECTRICITE ET DE PRODUITS CHIMIQUES A L'AIDE D'UNE SOURCE D'ENERGIE PRIMAIRE RENOUVELABLE
[72] BAR-GADDA, RONNY, US
[73] BAR-GADDA, RONNY, US
[85] 2017-03-30
[86] 2015-10-02 (PCT/US2015/053819)
[87] (WO2016/057341)
[30] US (62/061,578) 2014-10-08
[30] US (14/537,792) 2014-11-10
-

[11] **2,963,298**
[13] C

- [51] Int.Cl. A63F 13/65 (2014.01) A63H 33/04 (2006.01)
[25] EN
[54] GAME SYSTEM
[54] SYSTEME DE JEU
[72] LAULUND, JENS VALENTIN, DK
[72] NIELSEN, JOAKIM KORNER, DK
[72] WALKER, MORGAN JAMES, DK
[72] PEDERSEN, BJARKE, DK
[73] LEGO A/S, DK
[85] 2017-03-31
[86] 2015-09-29 (PCT/EP2015/072394)
[87] (WO2016/050757)
[30] DK (PA201470605) 2014-10-02
[30] DK (PA201570192) 2015-03-31
[30] DK (PA201570203) 2015-04-08

Brevets canadiens délivrés
28 février 2023

[11] **2,963,487**
[13] C

- [51] Int.Cl. H01Q 1/48 (2006.01) F01D 5/14 (2006.01) F01D 9/04 (2006.01) F01D 17/16 (2006.01) F01D 25/16 (2006.01) F02C 9/18 (2006.01)
[25] FR
[54] STATOR OF AN AIRCRAFT TURBINE ENGINE
[54] STATOR DE TURBOMACHINE D'AERONEF
[72] CHARBONNIER, SIMON PIERRE CLAUDE, FR
[72] PERRIER, MATHIEU YOANN, FR
[73] SAFRAN AIRCRAFT ENGINES, FR
[85] 2017-04-03
[86] 2015-09-29 (PCT/FR2015/052583)
[87] (WO2016/055715)
[30] FR (1459721) 2014-10-10
-

[11] **2,963,759**
[13] C

- [51] Int.Cl. G01N 37/00 (2006.01) B82Y 15/00 (2011.01) B81B 1/00 (2006.01) G01N 25/02 (2006.01)
[25] EN
[54] METHODS AND APPARATUSES FOR MEASURING MATERIAL PHASE PROPERTIES
[54] PROCEDES ET APPAREILS DE MESURE DE PROPRIETES DE PHASE DE MATERIAU
[72] BAO, BO, CA
[72] RIORDON, JASON, CA
[72] XU, YI, CA
[72] SINTON, DAVID, CA
[73] INTERFACE FLUIDICS LIMITED, CA
[86] (2963759)
[87] (2963759)
[22] 2017-04-07

[11] **2,963,933**
[13] C

- [51] Int.Cl. F15B 15/10 (2006.01)
[25] EN
[54] COMBINATION DIAPHRAGM PISTON ACTUATOR
[54] COMBINAISON D'ACTIONNEUR DE PISTON ET DE DIAPHRAGME
[72] ADAMS, KEITH M., US
[72] CHEATHAM, LLOYD R., US
[72] MCEVOY, TRAVIS KYLE, US
[73] VAULT PRESSURE CONTROL LLC, US
[85] 2017-04-06
[86] 2015-09-11 (PCT/US2015/049556)
[87] (WO2016/040727)
[30] US (62/049,539) 2014-09-12
[30] US (14/673,178) 2015-03-30
-

[11] **2,963,951**
[13] C

- [51] Int.Cl. C07D 217/06 (2006.01) A61K 31/472 (2006.01) A61K 31/4725 (2006.01) C07D 401/06 (2006.01) C07D 403/06 (2006.01) C07D 413/04 (2006.01)
[25] EN
[54] TETRAHYDROISOQUINOLINE DERIVATIVES
[54] DERIVES DE TETRAHYDROISOQUINOLINE
[72] VALADE, ANNE, BE
[72] JNOFF, ERIC, BE
[72] ATES, ALI, BE
[72] BURSESENS, PIERRE, BE
[72] SKOLC, DAVID, BE
[72] SANDS, ZARA, BE
[72] MATHIEU, BENOIT, BE
[73] UCB BIOPHARMA SPRL, BE
[85] 2017-04-06
[86] 2015-10-06 (PCT/EP2015/073053)
[87] (WO2016/055479)
[30] EP (14188174.8) 2014-10-08

[11] **2,964,108**
[13] C

- [51] Int.Cl. A01N 25/30 (2006.01) A01N 25/04 (2006.01) A01N 61/00 (2006.01)
[25] EN
[54] PESTICIDE FORMULATIONS HAVING PHYSICAL MODE OF ACTION
[54] FORMULATIONS DE PESTICIDE AYANT UN MODE D'ACTION PHYSIQUE
[72] SWIETOSLAWSKI, JANUSZ, PL
[72] WIECZOREK, WOJCIECH, PL
[72] LISZKA, DAWID, PL
[73] ICB PHARMA TOMASZ SWIETOSLAWSKI, PAWEŁ SWIETOSLAWSKI SPOLKA JAWNA, PL
[85] 2017-04-07
[86] 2015-10-14 (PCT/US2015/055578)
[87] (WO2016/061259)
[30] US (62/063,504) 2014-10-14
-

[11] **2,964,400**
[13] C

- [51] Int.Cl. G01R 19/15 (2006.01) B64F 5/60 (2017.01) B64D 45/02 (2006.01) G01K 11/12 (2021.01) G01N 21/88 (2006.01)
[25] EN
[54] THERMO-CHROMATIC WITNESS FEATURES FOR LIGHTNING STRIKE INDICATION IN BOTH METALLIC AND COMPOSITE STRUCTURES
[54] FONCTIONNALITES DE TEMOIN THERMOCHROMATIQUE DESTINEES A L'INDICATION DE COUP DE FOUDRE DANS LES STRUCTURES METALLIQUES ET LES STRUCTURES COMPOSITES
[72] GEORGESON, GARY, US
[72] IHN, JEONG-BEOM, US
[73] THE BOEING COMPANY, US
[86] (2964400)
[87] (2964400)
[22] 2017-04-12
[30] US (15/143958) 2016-05-02

Canadian Patents Issued
February 28, 2023

[11] **2,964,461**
[13] C

- [51] Int.Cl. G06F 16/901 (2019.01)
 - [25] EN
 - [54] COMPOSITE PARTITION FUNCTIONS
 - [54] FONCTIONS DE DIVISION COMPOSITE
 - [72] KORYCKI, JACEK A., US
 - [72] VAN BRINK, DAVID A., US
 - [73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
 - [85] 2017-04-12
 - [86] 2015-10-14 (PCT/US2015/055413)
 - [87] (WO2016/064629)
 - [30] US (14/519,952) 2014-10-21
-

[11] **2,964,712**
[13] C

- [51] Int.Cl. H04N 21/438 (2011.01) H04H 60/27 (2009.01) G06F 13/00 (2006.01)
- [25] EN
- [54] RECEPTION DEVICE, TRANSMISSION DEVICE, AND DATA PROCESSING METHOD
- [54] DISPOSITIF DE RECEPTION, DISPOSITIF DE TRANSMISSION ET PROCEDE DE TRAITEMENT DE DONNEES
- [72] YAMAGISHI, YASUAKI, JP
- [72] IGARASHI, TATSUYA, JP
- [72] KIKKAWA, NORIFUMI, JP
- [72] DEWA, YOSHIHARU, JP
- [73] SONY CORPORATION, JP
- [85] 2017-04-13
- [86] 2015-10-21 (PCT/JP2015/079644)
- [87] (WO2016/067987)
- [30] JP (2014-219658) 2014-10-28

[11] **2,964,713**
[13] C

- [51] Int.Cl. C07C 29/152 (2006.01) B01J 23/80 (2006.01) B01J 37/00 (2006.01) B01J 37/03 (2006.01) C07C 31/04 (2006.01) C07B 61/00 (2006.01)
 - [25] EN
 - [54] METHOD FOR PRODUCING METHANOL AND APPARATUS FOR PRODUCING METHANOL
 - [54] PROCEDE DE PRODUCTION DE METHANOL ET APPAREIL DE PRODUCTION DE METHANOL
 - [72] KAMBE, YASUAKI, JP
 - [72] UCHIDA, KOHEI, JP
 - [72] WATANABE, HIROSHI, JP
 - [72] HIRAKAWA, DAIGO, JP
 - [72] HASEGAWA, TATSUYA, JP
 - [73] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
 - [85] 2017-04-13
 - [86] 2015-10-20 (PCT/JP2015/079580)
 - [87] (WO2016/063872)
 - [30] JP (2014-214081) 2014-10-20
-

[11] **2,965,127**
[13] C

- [51] Int.Cl. A47J 31/40 (2006.01) B67D 7/74 (2010.01) A47J 31/36 (2006.01) A47J 31/46 (2006.01) B67D 1/08 (2006.01)
- [25] EN
- [54] MIXING CHAMBER FOR BEVERAGE MACHINE
- [54] CHAMBRE DE MELANGE POUR MACHINE A BOISSON
- [72] GORDON, JEREMY B., US
- [72] O'NEILL, CHARLES EVAN, US
- [72] HEMBER, MILES, GB
- [72] BECKETT, TREVOR, GB
- [72] DUTREMBLE, THOMAS PAUL, US
- [72] MASADA, GWYNN, US
- [73] BEDFORD SYSTEMS LLC, US
- [85] 2017-04-19
- [86] 2015-10-20 (PCT/US2015/056321)
- [87] (WO2016/064787)
- [30] US (62/065,948) 2014-10-20

[11] **2,965,200**
[13] C

- [51] Int.Cl. A61G 3/08 (2006.01) B60P 3/073 (2006.01)
 - [25] EN
 - [54] MOBILITY SECUREMENT SYSTEM
 - [54] SYSTEME DE FIXATION DE MOBILITE
 - [72] HAMMARSKJOLD, CHRISTIAN, US
 - [72] BALEF, VLAD, US
 - [72] BRZEZNIAK, STANLEY, US
 - [72] KRUEGER, JEFFREY, US
 - [72] MOFFA, MICHAEL D., US
 - [72] SMITH-COHEN, DAN, US
 - [72] VIDRI, PAUL, US
 - [73] 4ONE, LLC, US
 - [85] 2017-01-13
 - [86] 2015-07-14 (PCT/US2015/040405)
 - [87] (WO2016/011050)
 - [30] US (14/332,276) 2014-07-15
-

[11] **2,965,202**
[13] C

- [51] Int.Cl. C12N 9/02 (2006.01) C12N 15/85 (2006.01)
- [25] EN
- [54] NOVEL SELECTION MARKER FOR CELL TRANSFECTION AND PROTEIN PRODUCTION
- [54] NOUVEAU MARQUEUR DE SELECTION POUR LA TRANSFECTION DE CELLULE ET PRODUCTION DE PROTEINES
- [72] DUMAS, BRUNO, FR
- [72] LOUNIS, NABIL, FR
- [73] SANOFI, FR
- [85] 2017-04-20
- [86] 2015-10-22 (PCT/EP2015/074550)
- [87] (WO2016/062837)
- [30] EP (14306689.2) 2014-10-23

**Brevets canadiens délivrés
28 février 2023**

[11] 2,965,306

[13] C

- [51] Int.Cl. C08L 53/00 (2006.01) B29C 33/38 (2006.01) F28F 21/02 (2006.01) C09K 5/00 (2006.01)
 - [25] EN
 - [54] OLEFIN BLOCK COMPOSITE THERMALLY CONDUCTIVE MATERIALS
 - [54] MATERIAUX THERMOCONDUCTEURS COMPOSITES A BLOCS D'OLEFINE
 - [72] ESSEGHIR, MOHAMED, US
 - [72] CHAUDHARY, BHARAT I., US
 - [72] COGEN, JEFFREY M., US
 - [72] MARCHAND, GARY R., US
 - [73] DOW GLOBAL TECHNOLOGIES LLC, US
 - [85] 2017-04-20
 - [86] 2015-10-14 (PCT/US2015/055477)
 - [87] (WO2016/069265)
 - [30] US (62/069,873) 2014-10-29
-

[11] 2,965,308

[13] C

- [51] Int.Cl. A61K 51/12 (2006.01) C01B 25/32 (2006.01) C03C 10/04 (2006.01)
- [25] EN
- [54] STRONTIUM PHOSPHATE MICROPARTICLE FOR RADIOLOGICAL IMAGING AND THERAPY
- [54] MICROPARTICULES DE PHOSPHATE DE STRONTIUM POUR L'IMAGERIE ET LA THERAPIE RADIOLOGIQUES
- [72] DAY, DELBERT E., US
- [72] HE, YIYONG, US
- [73] MO-SCI CORPORATION, US
- [85] 2017-04-20
- [86] 2014-10-21 (PCT/US2014/061597)
- [87] (WO2016/064379)

[11] 2,965,496

[13] C

- [51] Int.Cl. A61K 8/41 (2006.01) A61K 8/97 (2017.01) A61K 31/505 (2006.01) A61Q 7/00 (2006.01)
 - [25] EN
 - [54] COMBINED HAIR LOSS INHIBITION TREATMENT
 - [54] TRAITEMENT COMBINE D'INHIBITION DE LA PERTE DES CHEVEUX
 - [72] KUNIN, DAVID BEN, US
 - [73] GARUHDA LLC, US
 - [85] 2017-04-21
 - [86] 2015-10-23 (PCT/US2015/057126)
 - [87] (WO2016/065268)
 - [30] US (62/068,370) 2014-10-24
-

[11] 2,965,648

[13] C

- [51] Int.Cl. C09J 7/38 (2018.01) C09J 4/02 (2006.01)
 - [25] EN
 - [54] PRESSURE SENSITIVE ADHESIVE COMPOSITIONS
 - [54] COMPOSITIONS ADHESIVES SENSIBLES A LA PRESSION
 - [72] LACHAPELL, ANDREW, US
 - [72] GUO, JONG, US
 - [73] SYNTHOMER USA LLC, US
 - [85] 2017-04-24
 - [86] 2015-10-22 (PCT/US2015/056888)
 - [87] (WO2016/065133)
 - [30] US (14/523,380) 2014-10-24
-

[11] 2,965,987

[13] C

- [51] Int.Cl. G05G 1/01 (2009.01) G05G 1/36 (2009.01) B62D 11/18 (2006.01) B66C 13/56 (2006.01) E02F 9/20 (2006.01) G05G 13/02 (2006.01)
- [25] EN
- [54] MECHANICAL LINKAGE FOR CONTROL OF POWER MACHINE
- [54] LIAISON MECANIQUE POUR LA COMMANDE D'UNE MACHINE A MOTEUR
- [72] MATSU, JAKUB, CZ
- [72] VANEK, KAREL, CZ
- [72] KRATOCHVIL, PETR, CZ
- [72] FISER, JAROSLAV, CZ
- [73] CLARK EQUIPMENT COMPANY, US
- [85] 2017-04-26
- [86] 2015-10-29 (PCT/US2015/057957)
- [87] (WO2016/069844)
- [30] US (62/072,178) 2014-10-29

[11] 2,966,003

[13] C

- [51] Int.Cl. B63B 35/44 (2006.01) B63B 11/04 (2006.01) B63B 21/50 (2006.01) B63B 22/02 (2006.01) B63B 22/20 (2006.01) B63B 22/24 (2006.01) B63B 39/00 (2006.01) E21B 15/02 (2006.01)
 - [25] EN
 - [54] FLOATING VESSEL
 - [54] VAISSEAU FLOTTANT
 - [72] VANDENWORM, NICOLAAS JOHANNES, US
 - [73] JURONG SHIPYARD PTE LTD., SG
 - [85] 2017-04-26
 - [86] 2016-01-27 (PCT/US2016/015159)
 - [87] (WO2016/137643)
 - [30] US (14/630,563) 2015-02-24
-

[11] 2,966,126

[13] C

- [51] Int.Cl. F01D 11/00 (2006.01) F01D 11/08 (2006.01) F01D 11/14 (2006.01)
- [25] FR
- [54] ROTARY ASSEMBLY FOR A TURBINE ENGINE COMPRISING A SELF-SUPPORTED ROTOR COLLAR
- [54] ENSEMBLE ROTATIF POUR TURBOMACHINE COMPRENANT UNE VIROLE DE ROTOR AUTO-PORTEE
- [72] EVAIN, GAEL FREDERIC CLAUDE CYRILLE, FR
- [72] CARLOS, PIERRE-LOUIS ALEXANDRE, FR
- [72] GROLEAU, CLAIRE CHARLOTTE, FR
- [72] LEDUC, MATHIEU LOUIS JEAN, FR
- [72] MARSAL, DAVID, FR
- [73] SAFRAN AIRCRAFT ENGINES, FR
- [73] SAFRAN CERAMICS, FR
- [85] 2017-04-13
- [86] 2015-10-15 (PCT/FR2015/052776)
- [87] (WO2016/059348)
- [30] FR (1459889) 2014-10-15
- [30] FR (1459888) 2014-10-15

**Canadian Patents Issued
February 28, 2023**

[11] **2,966,165**

[13] C

- [51] Int.Cl. A61L 2/20 (2006.01) A61L 2/26 (2006.01) B65B 55/18 (2006.01) B65D 51/24 (2006.01) B65D 51/28 (2006.01) B65D 81/20 (2006.01)
- [25] EN
- [54] SELF-STERILIZING PACKAGE AND METHODS FOR MAKING AND USING THE SAME
- [54] EMBALLAGES AUTO-STERILISANT ET PROCEDES POUR LES FABRIQUER ET LES UTILISER
- [72] ROBERTS, WILLIAM P., US
- [72] WOFFORD, JOSHUA D., US
- [72] ROBNETT, CHARLES D., US
- [73] CRYOVAC, INC., US
- [85] 2017-04-27
- [86] 2015-10-29 (PCT/US2015/057996)
- [87] (WO2016/069864)
- [30] US (62/072,481) 2014-10-30
-

[11] **2,966,244**

[13] C

- [51] Int.Cl. B01D 53/62 (2006.01) B01D 53/08 (2006.01) B01D 53/83 (2006.01) B01J 8/18 (2006.01)
- [25] EN
- [54] PROCESS FOR CAPTURING CO₂ FROM A GAS STREAM
- [54] PROCEDE DE CAPTAGE DE CO₂ A PARTIR D'UN FLUX DE GAZ
- [72] SPRACHMANN, GERALD, NL
- [72] VAN MOSEL, GERARDUS ANTONIUS FRANCISCUS, NL
- [72] DATHE, HENDRIK, NL
- [72] PROELL, TOBIAS, AT
- [72] SCHONY, GERHARD, AT
- [73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
- [85] 2017-04-28
- [86] 2015-11-03 (PCT/EP2015/075511)
- [87] (WO2016/074980)
- [30] EP (14192575.0) 2014-11-10
-

[11] **2,966,319**

[13] C

- [51] Int.Cl. A61B 90/00 (2016.01)
- [25] EN
- [54] COMPUTED TOMOGRAPHY ENHANCED FLUOROSCOPIC SYSTEM, DEVICE, AND METHOD OF UTILIZING THE SAME
- [54] SYSTEME FLUOROSCOPIQUE AMELIORE PAR TOMODENSITOMETRIE, DISPOSITIF ASSOCIE, ET PROCEDE D'UTILISATION CORRESPONDANT
- [72] WEINGARTEN, OREN P., IL
- [72] AVERBUCH, DORIAN, IL
- [73] COVIEN LP, US
- [85] 2017-04-28
- [86] 2015-10-20 (PCT/US2015/056376)
- [87] (WO2016/069324)
- [30] US (62/073,287) 2014-10-31
- [30] US (62/073,306) 2014-10-31
- [30] US (14/880,338) 2015-10-12
- [30] US (14/880,361) 2015-10-12
-

[11] **2,966,465**

[13] C

- [51] Int.Cl. F15B 13/02 (2006.01) B64C 13/36 (2006.01)
- [25] EN
- [54] HORIZONTAL STABILIZER TRIM ACTUATOR SYSTEMS AND METHODS
- [54] SYSTEMES D'ACTIONNEUR DE GARNITURE DE STABILISATEUR HORIZONTAL ET METHODES
- [72] JOSEPH, DEREK M., US
- [72] ECK, KEVIN B., US
- [72] FEET, CHRISTOPHER D., US
- [72] MESHESHA, YONAS T., US
- [72] SODERQUIST, TIMOTHY J., US
- [72] HANCE, BARRY D., US
- [73] THE BOEING COMPANY, US
- [86] (2966465)
- [87] (2966465)
- [22] 2017-05-04
- [30] US (15/214,366) 2016-07-19
-

[11] **2,966,519**

[13] C

- [51] Int.Cl. C08K 3/04 (2006.01) C08J 9/228 (2006.01) C08L 21/00 (2006.01) C08L 101/00 (2006.01) C09K 3/10 (2006.01)
- [25] EN
- [54] SWELLABLE COMPOSITIONS, ARTICLES FORMED THEREFROM, AND METHODS OF MANUFACTURE THEREOF
- [54] COMPOSITIONS POUVANT GONFLER, ARTICLES EN ETANT CONSTITUES ET LEURS PROCEDES DE PRODUCTION
- [72] ZHAO, LEI, US
- [72] XU, ZHIYUE, US
- [72] GOODSON, JAMES EDWARD, US
- [72] FURLAN, WAYNE R., US
- [73] BAKER HUGHES INCORPORATED, US
- [85] 2017-05-01
- [86] 2015-10-09 (PCT/US2015/054924)
- [87] (WO2016/081088)
- [30] US (14/542,695) 2014-11-17
-

[11] **2,966,520**

[13] C

- [51] Int.Cl. C08G 59/54 (2006.01) C08G 59/20 (2006.01) C09D 163/00 (2006.01)
- [25] EN
- [54] AMIDOPOLYAMINES WITH ENHANCED GEL-TIME FOR ELEVATED TEMPERATURE APPLICATIONS
- [54] AMIDOPOLYAMINES A TEMPS DE GEL AMELIORE POUR APPLICATIONS A HAUTES TEMPERATURES
- [72] LAL, GAURI SANKAR, US
- [72] ANANTHACHAR, SUDHIR, US
- [72] BOYCE, STEPHEN MICHAEL, US
- [73] EVONIK OPERATIONS GMBH, DE
- [85] 2017-05-01
- [86] 2015-11-04 (PCT/US2015/058970)
- [87] (WO2016/073564)
- [30] US (62/074,727) 2014-11-04
-

Brevets canadiens délivrés
28 février 2023

[11] 2,966,560
[13] C

- [51] Int.Cl. C01F 17/235 (2020.01) B01J 20/06 (2006.01) B01J 23/10 (2006.01) C09K 3/14 (2006.01)
[25] EN
[54] CERIUM OXIDE PARTICLES AND METHOD FOR PRODUCTION THEREOF
[54] PARTICULES D'OXYDE DE CERIUM ET LEUR PROCEDE DE PRODUCTION
[72] OHTAKE, NAOTAKA, JP
[72] OKAZUMI, MITSUHIRO, JP
[72] OCAMPO, FABIEN, FR
[73] RHODIA OPERATIONS, FR
[85] 2017-05-02
[86] 2015-11-10 (PCT/EP2015/076272)
[87] (WO2016/075177)
[30] EP (14290344.2) 2014-11-12
-

[11] 2,966,889
[13] C

- [51] Int.Cl. A61F 13/32 (2006.01)
[25] EN
[54] COMPACT TAMPON APPLICATOR WITH TWO-PIECE PLUNGER
[54] APPLICATEUR DE TAMpon COMPACT MUNI DE PISTON EN DEUX PARTIES
[72] BUELL, SEZEN, US
[72] FEDORA, JOSEPH, US
[72] MCCANDLESS, JAMES, US
[72] MOHAMED, HASSAN, US
[72] PREISNER, PETER, US
[73] EDGEWELL PERSONAL CARE BRANDS, LLC, US
[85] 2017-05-04
[86] 2015-11-10 (PCT/US2015/059889)
[87] (WO2016/077307)
[30] US (62/077,397) 2014-11-10
-

[11] 2,967,015
[13] C

- [51] Int.Cl. A61M 25/14 (2006.01) A61M 25/00 (2006.01) A61M 25/01 (2006.01) A61M 39/10 (2006.01)
[25] EN
[54] CONNECTION SYSTEM FOR TUNNELED CATHETERS
[54] SYSTEME DE CONNEXION POUR DES CATHETERS EN TUNNEL
[72] LOESENTER, GERMAN, US
[73] C.R. BARD, INC., US
[85] 2017-05-05
[86] 2015-11-06 (PCT/US2015/059620)
[87] (WO2016/073954)
[30] US (62/077,130) 2014-11-07
-

[11] 2,967,343
[13] C

- [51] Int.Cl. E21B 19/16 (2006.01) E21B 19/18 (2006.01)
[25] EN
[54] AN ATTACHMENT FOR MAKING UP OR BREAKING OUT PIPE
[54] FIXATION PERMETTANT DE MONTER OU DE DEMONTER UN TUYAU
[72] LAVALLEY, JASON, US
[72] LARSON, CRAIG, US
[72] MICHEL, MATT, US
[72] WURGLER, ROD, US
[72] BUSUTTIL, JOHN, US
[73] LAVALLEY INDUSTRIES, LLC, US
[85] 2017-05-10
[86] 2015-11-11 (PCT/US2015/060132)
[87] (WO2016/077447)
[30] US (62/079,235) 2014-11-13
-

[11] 2,967,466
[13] C

- [51] Int.Cl. G01N 33/574 (2006.01)
[25] EN
[54] COMPOSITIONS AND METHODS FOR PERFORMING METHYLATION DETECTION ASSAYS
[54] COMPOSITIONS ET PROCEDES POUR EFFECTUER DES ESSAIS DE DETECTION DE METHYLATION
[72] ALLAWI, HATIM T., US
[72] LIDGARD, GRAHAM P., US
[73] EXACT SCIENCES CORPORATION, US
[85] 2017-05-10
[86] 2015-12-11 (PCT/US2015/065272)
[87] (WO2016/094813)
[30] US (62/091,069) 2014-12-12
-

[11] 2,967,677
[13] C

- [51] Int.Cl. E21B 17/18 (2006.01) E21B 17/04 (2006.01) E21B 17/20 (2006.01) F16L 3/22 (2006.01) F16L 3/237 (2006.01) F16L 9/19 (2006.01) H02J 3/18 (2006.01) H02J 13/00 (2006.01)
[25] EN
[54] MULTI-CONDUIT COILED TUBING ASSEMBLY INCLUDING PIVOTAL CLAMPING MEMBERS
[54] ENSEMBLE TUBAGE EN SPIRALE A MULTIPLES CONDUITS COMPRENANT DES ELEMENTS DE SERRAGE PIVOTANTS
[72] MORRIS, COLLIN RICKEY, CA
[72] MORRIS, JOHN RICKEY, CA
[73] GENERAL ENERGY RECOVERY INC., CA
[85] 2017-05-12
[86] 2015-11-03 (PCT/CA2015/051122)
[87] (WO2016/074073)
[30] US (62/079,308) 2014-11-13
-

[11] 2,967,757
[13] C

- [51] Int.Cl. D21H 11/16 (2006.01) C08B 15/08 (2006.01) D21H 15/02 (2006.01) D21J 3/00 (2006.01)
[25] EN
[54] METHOD FOR MOLDING CNF AND MOLDED PRODUCT OF CNF OBTAINED BY THE MOLDING METHOD
[54] METHODE DE MOULAGE DE CNF ET PRODUIT MOULE DE CNF OBTENU A L'AIDE DE LA METHODE DE MOULAGE
[72] HIKIDA, SHINICHI, JP
[73] CHUETSU PULP & PAPER CO., LTD., JP
[85] 2017-05-12
[86] 2015-11-12 (PCT/JP2015/081830)
[87] (WO2016/076385)
[30] JP (2014-231452) 2014-11-14

Canadian Patents Issued
February 28, 2023

[11] **2,968,380**

[13] C

- [51] Int.Cl. E21B 34/16 (2006.01) E21B 34/10 (2006.01) E21B 43/12 (2006.01)
 [25] EN
 [54] GAS LIFT VALVE ASSEMBLIES AND METHODS OF ASSEMBLING SAME
 [54] ENSEMBLES SOUPAPES D'EXTRACTION AU GAZ ET PROCEDES D'ASSEMBLAGE DE CEUX-CI
 [72] QI, XUELE, US
 [72] TURNQUIST, NORMAN ARNOLD, US
 [72] LUSTED, RODERICK MARK, US
 [72] SAMUDRALA, OMPRAKASH, US
 [72] OTTA, SHOURYA PRAKASH, US
 [72] LOPEZ, RICARDO, US
 [72] WANG, JIFENG, US
 [72] RANDAZZO, VIC ARTHUR, US
 [73] BAKER HUGHES OILFIELD OPERATIONS LLC, US
 [85] 2017-05-18
 [86] 2015-11-20 (PCT/US2015/061815)
 [87] (WO2016/085800)
 [30] US (14/555,193) 2014-11-26
-

[11] **2,968,449**

[13] C

- [51] Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 9/10 (2006.01)
 [25] EN
 [54] 1-[2-(AMINOMETHYL)BENZYL]-2-THIOXO-1,2,3,5-TETRAHYDRO-4H-PYRROLO[3,2-D]PYRIMIDIN-4-ONES AS INHIBITORS OF MYELOPEROXIDASE
 [54] 1-[2-(AMINOMETHYL)BENZYL]-2-THIOXO-1,2,3,5-TETRAHYDRO-4H-PYRROLO[3,2-D]PYRIMIDIN-4-ONES EN TANT QU'INHIBITEURS DE LA MYELOPEROXIDASE
 [72] INGHARDT, TORD BERTIL, SE
 [72] TOMKINSON, NICHOLAS, GB
 [72] GAN, LI-MING, SE
 [72] STONEHOUSE, JEFFREY PAUL, US
 [72] JOHANNESON, PETRA, SE
 [72] JURVA, ULRIK, SE
 [72] MICHAELSSON, ERIK, SE
 [72] LINDSTEDT-ALSTERMARK, EVA-LOTTIE, SE
 [73] ASTRAZENECA AB, SE
 [85] 2017-05-19
 [86] 2015-11-30 (PCT/EP2015/077998)
 [87] (WO2016/087338)
 [30] US (62/085,722) 2014-12-01
 [30] US (62/166,808) 2015-05-27
-

[11] **2,968,748**

[13] C

- [51] Int.Cl. B65G 1/04 (2006.01) B65G 1/06 (2006.01) B65G 1/137 (2006.01)
 [25] EN
 [54] METHOD FOR OPERATING A MODULAR SHELVING RACKING SYSTEM, AND A CORRESPONDING MODULAR SHELVING RACKING SYSTEM
 [54] PROCEDE D'EXPLOITATION D'UN ENTREPOT A RAYONNAGES A TABLETTES ET ENTREPOT A RAYONNAGES A TABLETTES CORRESPONDANT
 [72] MEURER, HANS CHRISTOPH, DE
 [73] DEMATIC GMBH, DE
 [85] 2017-05-24
 [86] 2015-11-16 (PCT/EP2015/076694)
 [87] (WO2016/083179)
 [30] DE (10 2014 117 235.3) 2014-11-25
-

[11] **2,968,849**

[13] C

- [51] Int.Cl. C08L 75/08 (2006.01) C08J 3/18 (2006.01) C08G 18/10 (2006.01)
 [25] EN
 [54] MULTI-PART POLYURETHANE COMPOSITIONS, ARTICLES THEREOF, AND METHOD OF MAKING
 [54] COMPOSITIONS DE POLYURETHANE EN PLUSIEURS PARTIES, ARTICLES ASSOCIES ET PROCEDE DE PREPARATION
 [72] JORDAN, RICHARD DAVID, JR., US
 [72] CAUSER, MICHAEL, US
 [72] DEY, TANMOY, US
 [73] ELANTAS PDG, INC., US
 [85] 2017-05-24
 [86] 2015-11-24 (PCT/US2015/062342)
 [87] (WO2016/085938)
 [30] US (62/084,635) 2014-11-26
-

[11] **2,969,023**

[13] C

- [51] Int.Cl. C07C 273/04 (2006.01)
 [25] EN
 [54] PLANT FOR UREA PRODUCTION
 [54] INSTALLATION POUR LA PRODUCTION D'UREE
 [72] SCOTTO, ANDREA, CH
 [73] CASALE SA, CH
 [85] 2017-05-26
 [86] 2015-10-09 (PCT/EP2015/073379)
 [87] (WO2016/083005)
 [30] EP (14194856.2) 2014-11-26
-

[11] **2,969,027**

[13] C

- [51] Int.Cl. C08F 8/32 (2006.01) C08F 8/44 (2006.01) C08F 210/14 (2006.01) C08F 220/18 (2006.01) C08F 222/02 (2006.01) C08F 222/04 (2006.01) C10L 1/236 (2006.01) C10L 10/14 (2006.01) C10L 10/18 (2006.01) C08F 222/06 (2006.01) C10L 10/16 (2006.01)
 [25] EN
 [54] COPOLYMER AND USE THEREOF FOR REDUCING CRYSTALLIZATION OF PARAFFIN CRYSTALS IN FUELS
 [54] COPOLYMER ET SON UTILISATION POUR REDUIRE LA COPOLYMERISATION DE CRISTAUX DE PARAFFINE DANS DES CARBURANTS
 [72] TROETSCH-SCHALLER, IRENE, DE
 [72] GARCIA CASTRO, IVETTE, DE
 [72] SCHROERS, MICHAEL, DE
 [72] REBHLZ, UWE, DE
 [72] HUBERT, REHBERGER, DE
 [72] FAUL, DIETER, DE
 [73] BASF SE, DE
 [85] 2017-05-26
 [86] 2015-11-11 (PCT/EP2015/076317)
 [87] (WO2016/083130)
 [30] EP (14195177.2) 2014-11-27
-

[11] **2,969,192**

[13] C

- [51] Int.Cl. C07D 471/08 (2006.01) A61K 9/19 (2006.01) A61K 31/439 (2006.01) A61K 47/04 (2006.01) A61P 43/00 (2006.01)
 [25] EN
 [54] A PROCESS FOR PRODUCING CRYSTALS OF A DIAZABICYCLOCHECTANE DERIVATIVE AND A STABLE LYOPHILIZED COMPOSITION THEREOF
 [54] PROCEDE DE FABRICATION DE CRISTAUX D'UN DERIVE DE DIAZABICYCLOCHECTANE ET COMPOSITION LYOPHILISEE STABLE CONNEXE
 [72] OGAWA, TAKAYA, JP
 [72] YOKOYAMA, TAKUYA, JP
 [72] FURUYAMA, SHUSUKE, JP
 [72] ICHIKI, MASATO, JP
 [72] FUSHIHARA, KENICHI, JP
 [73] MEIJI SEIKA PHARMA CO., LTD., JP
 [85] 2017-05-29
 [86] 2015-12-04 (PCT/JP2015/084094)
 [87] (WO2016/088863)
 [30] JP (2014-246425) 2014-12-05

**Brevets canadiens délivrés
28 février 2023**

[11] **2,969,300**
[13] C

[51] Int.Cl. B64G 1/64 (2006.01)
[25] EN
[54] DEVICE FOR CONNECTING
OBJECTS USING A STRIP
[54] DISPOSITIF DE LIAISON
D'OBJETS PAR LAME
[72] VEZAIN, STEPHANE, FR
[72] BILLOT, CAROLE, FR
[72] STANEK, DIDIER, FR
[72] BAUDASSE, YANNICK, FR
[73] THALES, FR
[85] 2017-05-30
[86] 2015-12-04 (PCT/EP2015/078615)
[87] (WO2016/087629)
[30] FR (1402778) 2014-12-05

[11] **2,969,302**
[13] C

[51] Int.Cl. C08J 9/22 (2006.01) C04B
38/08 (2006.01)
[25] EN
[54] APPARATUS AND METHOD FOR
EXPANDING THERMALLY
EXPANDABLE THERMOPLASTIC
MICROSPHERES
[54] APPAREIL ET METHODE
D'EXPANSION DE
MICROSPHERES
THERMOPLASTIQUES
THERMOEXPANSIBLES
[72] NORDIN, JAN, SE
[72] SVEDBERG, LARS-OLOF, SE
[72] AJDEN, PER, SE
[72] ONG, FRANK SHAODE, US
[73] AKZO NOBEL CHEMICALS
INTERNATIONAL B.V., NL
[73] CONSTRUCTION RESEARCH &
TECHNOLOGY GMBH, DE
[85] 2017-05-30
[86] 2015-12-08 (PCT/EP2015/078914)
[87] (WO2016/091847)
[30] US (62/090,650) 2014-12-11
[30] EP (15152251.3) 2015-01-23

[11] **2,969,496**
[13] C

[51] Int.Cl. C10M 165/00 (2006.01) C10M
145/26 (2006.01) C10M 159/22
(2006.01)
[25] EN
[54] ADDITIVE PACKAGE AND
LUBRICATING OIL
COMPOSITION
[54] GARNITURE ADDITIVE ET
COMPOSITION D'HUILE
LUBRIFIANTE
[72] STRONG, ANTHONY JAMES, GB
[72] WOODWARD, PHILIP JAMES, GB
[73] INFINEUM INTERNATIONAL
LIMITED, GB
[86] (2969496)
[87] (2969496)
[22] 2017-06-02
[30] EP (16172800.1) 2016-06-03

[11] **2,969,498**
[13] C

[51] Int.Cl. F02C 7/04 (2006.01) B64C
27/04 (2006.01) B64D 33/02 (2006.01)
F02C 7/055 (2006.01)
[25] FR
[54] AIR SUPPLY PLENUM WITH
STEPS, LIPS AND AIR INTAKE
PROTECTION GRID
[54] PLENUM D'ALIMENTATION EN
AIR A DECROCHEMENTS,
LEVRES ET GRILLE DE
PROTECTION A L'ENTREE D'AIR
[72] BULOT, NICOLAS, FR
[72] MARCHAND, FABRICE, FR
[73] SAFRAN HELICOPTER ENGINES,
FR
[85] 2017-06-01
[86] 2015-12-02 (PCT/FR2015/053291)
[87] (WO2016/087776)
[30] FR (1461997) 2014-12-05

[11] **2,969,536**
[13] C

[51] Int.Cl. B01D 46/52 (2006.01) F02M
35/024 (2006.01)
[25] EN
[54] FILTER MEDIA WITH FLUTES
[54] COUCHE FILTRANTE DOTEÉE DE
CANNELURES
[72] MARTIN, KEVIN L., US
[72] JURA, JASON, US
[72] MORRIS, BRYANT ALAN, US
[73] CATERPILLAR INC., US
[85] 2017-06-01
[86] 2015-11-24 (PCT/US2015/062398)
[87] (WO2016/089673)
[30] US (14/561,530) 2014-12-05

[11] **2,969,609**
[13] C

[51] Int.Cl. G01N 33/537 (2006.01) G01N
33/58 (2006.01) G01N 33/94 (2006.01)
[25] EN
[54] INDIRECT HOMOGENEOUS
MOBILITY SHIFT ASSAYS FOR
THE DETECTION OF BIOLOGICS
IN PATIENT SAMPLES
[54] DOSAGES HMSA
(HOMOGENEOUS MOBILITY
SHIFT ASSAY) INDIRECTS POUR
LA DETECTION DE SUBSTANCES
BIOLOGIQUES DANS DES
ECHANTILLONS PRELEVES
CHEZ DES PATIENTS
[72] SALBATO, JARED, US
[72] WESTIN, STEFAN, US
[72] CHI-KWAN LING, NICHOLAS, US
[72] JAIN, ANJALI, US
[72] SINGH, SHARAT, US
[73] PROMETHEUS LABORATORIES,
INC., US
[85] 2017-06-02
[86] 2015-12-04 (PCT/IB2015/059381)
[87] (WO2016/088104)
[30] US (62/088,465) 2014-12-05
[30] US (62/113,317) 2015-02-06
[30] US (62/158,791) 2015-05-08

[11] **2,969,900**
[13] C

[51] Int.Cl. H04N 21/2381 (2011.01) H04H
20/95 (2009.01) H04H 60/40 (2009.01)
H04N 21/438 (2011.01)
[25] EN
[54] TRANSMISSION APPARATUS,
TRANSMISSION METHOD,
RECEPTION APPARATUS, AND
RECEPTION METHOD
[54] APPAREIL DE TRANSMISSION,
METHODE DE TRANSMISSION,
APPAREIL DE RECEPTION ET
METHODE DE RECEPTION
[72] TAKAHASHI, KAZUYUKI, JP
[72] MICHAEL, LACHLAN BRUCE, JP
[73] SONY CORPORATION, JP
[85] 2017-06-06
[86] 2015-12-03 (PCT/JP2015/083961)
[87] (WO2016/098601)
[30] JP (2014-255296) 2014-12-17

Canadian Patents Issued
February 28, 2023

[11] 2,969,951

[13] C

- [51] Int.Cl. B66F 11/04 (2006.01) B60Q 1/32 (2006.01) B60Q 1/50 (2006.01) B66F 17/00 (2006.01)
 [25] FR
 [54] AERIAL LIFT WITH SELECTIVE COLOUR GENERATION LIGHTING DEVICE, AND IMPLEMENTATION METHOD
 [54] NACELLE ELEVATRICE A DISPOSITIF D'ECLAIRAGE A GENERATION DE COULEURS SELECTIVES, AINSI QUE PROCEDE DE MISE EN OEUVRE
 [72] LUMINET, PHILIPPE, FR
 [72] DITTUS, SEBASTIAN, FR
 [73] HAULOTTE GROUP, FR
 [85] 2017-06-05
 [86] 2015-12-17 (PCT/EP2015/080212)
 [87] (WO2016/097139)
 [30] FR (1462823) 2014-12-18
-

[11] 2,970,041

[13] C

- [51] Int.Cl. B22D 41/24 (2006.01) B22D 41/40 (2006.01)
 [25] EN
 [54] SLIDING CLOSURE FOR A CONTAINER CONTAINING MOLTEN METAL
 [54] FERMETURE A TIROIR POUR RECIPIENT CONTENANT UN BAIN DE FUSION METALLIQUE
 [72] COUSIN, JEAN-DANIEL, CH
 [72] GISLER, REBECCA, CH
 [73] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
 [85] 2017-06-07
 [86] 2015-11-27 (PCT/EP2015/077972)
 [87] (WO2016/116197)
 [30] CH (00091/15) 2015-01-23

[11] 2,970,062

[13] C

- [51] Int.Cl. C07H 15/26 (2006.01) A61K 31/7056 (2006.01) A61P 11/00 (2006.01) C07H 13/08 (2006.01) C07H 13/10 (2006.01) C07H 19/056 (2006.01)
 [25] EN
 [54] ALPHA-D-GALACTOSIDE INHIBITORS OF GALECTINS
 [54] INHIBITEURS ALPHA-D-GALACTOSIDE DE GALECTINES
 [72] BRIMERT, THOMAS, SE
 [72] JOHNSSON, RICHARD, SE
 [72] LEFFLER, HAKON, SE
 [72] NILSSON, ULF, SE
 [72] ZETTERBERG, FREDRIK, SE
 [73] GALECTO BIOTECH AB, DK
 [85] 2017-06-07
 [86] 2016-01-28 (PCT/EP2016/051836)
 [87] (WO2016/120403)
 [30] EP (15153316.3) 2015-01-30
 [30] EP (15192291.1) 2015-10-30

[11] 2,970,555

[13] C

- [51] Int.Cl. B66F 11/04 (2006.01) B60Q 1/32 (2006.01) B66F 17/00 (2006.01)
 [25] FR
 [54] AERIAL LIFT WITH LIGHTING DEVICE GENERATING LIGHT DIRECTED TO THE GROUND, AND IMPLEMENTATION METHOD
 [54] NACELLE ELEVATRICE A DISPOSITIF D'ECLAIRAGE GENERANT DE LA LUMIERE DIRIGEE VERS LE SOL, AINSI QUE PROCEDE DE MISE EN OEUVRE
 [72] LUMINET, PHILIPPE, FR
 [72] DITTUS, SEBASTIAN, FR
 [73] HAULOTTE GROUP, FR
 [85] 2017-06-09
 [86] 2015-12-18 (PCT/EP2015/080648)
 [87] (WO2016/097367)
 [30] FR (1462803) 2014-12-18
-

[11] 2,970,240

[13] C

- [51] Int.Cl. C25B 9/70 (2021.01) H01M 8/0247 (2016.01) H01M 8/2465 (2016.01) H01M 8/249 (2016.01) C25B 9/65 (2021.01)
 [25] EN
 [54] INTERMEDIATE MODULE FOR ELECTROCHEMICAL CELL STACK
 [54] MODULE INTERMEDIAIRE POUR EMPILEMENT DE CELLULES ELECTROCHIMIQUES
 [72] DRISTY, MARK E., US
 [73] SKYRE, INC., US
 [85] 2017-06-07
 [86] 2015-12-28 (PCT/US2015/067570)
 [87] (WO2016/109373)
 [30] US (62/097,481) 2014-12-29

[11] 2,970,576

[13] C

- [51] Int.Cl. E04C 5/12 (2006.01) E04C 5/07 (2006.01)
 [25] EN
 [54] A REINFORCEMENT SYSTEM AND A METHOD OF REINFORCING A STRUCTURE WITH A TENDON
 [54] SYSTEME DE RENFORCEMENT ET PROCEDE DE RENFORCEMENT D'UNE STRUCTURE A L'AIDE D'UNE ARMATURE DE PRECONTRAINTE
 [72] SCHMIDT, JACOB WITTRUP, DK
 [73] DANMARKS TEKNISKE UNIVERSITET, DK
 [85] 2017-06-12
 [86] 2015-11-19 (PCT/EP2015/077040)
 [87] (WO2016/079214)
 [30] EP (14194291.2) 2014-11-21

**Brevets canadiens délivrés
28 février 2023**

[11] 2,971,232

[13] C

- [51] Int.Cl. A61M 1/28 (2006.01) A61B 5/024 (2006.01) A61B 5/03 (2006.01) A61B 5/08 (2006.01) A61M 1/36 (2006.01)
- [25] EN
- [54] SYSTEM AND METHOD FOR PERITONEAL DIALYSIS
- [54] SYSTEME ET PROCEDE DE DIALYSE PERITONEALE
- [72] BOURNE, ORSON, CA
- [73] NEWSOL TECHNOLOGIES INC., CA
- [85] 2017-06-16
- [86] 2015-12-11 (PCT/CA2015/051312)
- [87] (WO2016/095026)
- [30] US (62/092,894) 2014-12-17
-

[11] 2,971,293

[13] C

- [51] Int.Cl. B63B 1/28 (2006.01) B63B 34/40 (2020.01) B63B 34/50 (2020.01) B63H 16/00 (2006.01) B63H 16/08 (2006.01) B63H 16/20 (2006.01)
- [25] EN
- [54] WATERCRAFT WITH HYDROFOIL
- [54] EMBARCATION COMPRENANT UN HYDROPTERE
- [72] CACCIA, ALEX, GB
- [72] THOMAS, ADRIAN, GB
- [73] ANIMAL DYNAMICS LIMITED, GB
- [85] 2017-06-16
- [86] 2015-12-17 (PCT/GB2015/054053)
- [87] (WO2016/097741)
- [30] GB (1422645.0) 2014-12-18
-

[11] 2,971,658

[13] C

- [51] Int.Cl. C04B 38/02 (2006.01)
- [25] FR
- [54] METHOD FOR THE CONTINUOUS PRODUCTION OF A LOW-DENSITY MINERAL FOAM
- [54] PROCEDE DE FABRICATION EN CONTINU D'UNE MOUSSE MINERALE A FAIBLE DENSITE
- [72] BERNARD, FREDDY, FR
- [72] JEZEQUEL, PIERRE-HENRI, FR
- [72] REBOUSSIN, SANDRINE, FR
- [73] HOLCIM TECHNOLOGY LTD, CH
- [85] 2017-06-19
- [86] 2015-12-18 (PCT/FR2015/053620)
- [87] (WO2016/102838)
- [30] FR (1463226) 2014-12-23
-

[11] 2,971,818

[13] C

- [51] Int.Cl. B60N 2/30 (2006.01) B60N 2/68 (2006.01)
- [25] EN
- [54] STOW-IN-FLOOR SEAT ASSEMBLY WITH PITCHED EASY ENTRY POSITION
- [54] ENSEMBLE DE SIEGE A RANGER DANS LE PLANCHER A POSITION D'ENTREE FACILE INCLINEE
- [72] JENSEN, NATHAN A., US
- [72] JAGTAP, PRASAD D., US
- [72] PROULX, ALAN, US
- [72] BRUSH, TIMOTHY J., US
- [72] CHINNADURAI, SENTHIL K., US
- [72] KEDIA, ABHISHEK, US
- [72] HANDIGOL, UMESH P., US
- [72] CARROLL, JEFFREY P., US
- [72] DADD, LYLE, US
- [72] TAME, OMAR D., US
- [72] COFFEY, ROBERT T., US
- [72] FOLK, AVERY, US
- [72] THAMAKE, RAVINDRA, US
- [73] MAGNA SEATING INC., CA
- [86] (2971818)
- [87] (2971818)
- [22] 2017-06-23
- [30] US (62/353,593) 2016-06-23
-

[11] 2,972,252

[13] C

- [51] Int.Cl. A47L 9/00 (2006.01) A47L 9/10 (2006.01) A47L 13/50 (2006.01)
- [25] EN
- [54] EVACUATION STATION
- [54] STATION D'EVACUATION
- [72] MORIN, RUSSELL WALTER, US
- [72] BURSAL, FARUK HALIL, US
- [72] BOESCHENSTEIN, HAROLD, US
- [73] iROBOT CORPORATION, US
- [85] 2017-06-23
- [86] 2015-11-18 (PCT/US2015/061341)
- [87] (WO2016/105702)
- [30] US (62/096,771) 2014-12-24
-

[11] 2,972,590

[13] C

- [51] Int.Cl. B01J 13/08 (2006.01)
- [25] FR
- [54] POLYMERIC MICROPARTICLES
- [54] MICROPARTICULES POLYMERIQUES
- [72] CHAMPAGNE, CLEMENTINE, FR
- [72] SUAU, JEAN-MARC, FR
- [73] COATEX, FR
- [85] 2017-06-28
- [86] 2016-02-17 (PCT/FR2016/000025)
- [87] (WO2016/132027)
- [30] FR (1551348) 2015-02-18
-

[11] 2,974,303

[13] C

- [51] Int.Cl. E21B 29/02 (2006.01) E21B 29/00 (2006.01) E21B 29/06 (2006.01)
- [25] EN
- [54] CASING REMOVAL TOOL AND METHODS OF USE FOR WELL ABANDONMENT
- [54] OUTIL DE RETRAIT DE TUBAGE ET PROCEDES D'UTILISATION POUR L'ABANDON DE PUITS
- [72] ROBERTSON, MICHAEL C., US
- [72] GRATTAN, ANTONY F., US
- [72] STREIBICH, DOUGLAS J., US
- [72] BOELTE, WILLIAM F., US
- [73] ROBERTSON INTELLECTUAL PROPERTIES, LLC, US
- [85] 2017-07-18
- [86] 2016-01-19 (PCT/US2016/013957)
- [87] (WO2016/118525)
- [30] US (62/105,130) 2015-01-19
- [30] US (14/930,369) 2015-11-02
- [30] US (15/001,055) 2016-01-19
-

[11] 2,974,475

[13] C

- [51] Int.Cl. B01J 2/04 (2006.01) A23C 1/10 (2006.01) A23G 1/56 (2006.01) A23L 3/52 (2006.01)
- [25] FR
- [54] PROCESS AND FACILITY FOR PRODUCING A POWDERED POROUS PRODUCT
- [54] PROCEDE ET INSTALLATION DE PRODUCTION D'UN PRODUIT POREUX EN POUDRE
- [72] BRISSET, ALAIN, FR
- [72] COLLADO, MAXIME, FR
- [73] CLEXTRAL, FR
- [85] 2017-07-20
- [86] 2016-01-20 (PCT/EP2016/051148)
- [87] (WO2016/116513)
- [30] FR (1550481) 2015-01-21

Canadian Patents Issued
February 28, 2023

[11] 2,974,666
[13] C

- [51] Int.Cl. C22B 26/12 (2006.01) C01D 15/02 (2006.01) C01D 15/08 (2006.01) C22B 3/10 (2006.01)
- [25] EN
- [54] PROCESSING OF LITHIUM CONTAINING MATERIAL INCLUDING HCL SPARGE
- [54] TRAITEMENT DE MATERIAU CONTENANT DU LITHIUM COMPRENANT UN LAVAGE AU HCL
- [72] SHARMA, YATENDRA, AU
- [73] REED ADVANCED MATERIALS PTY LTD, AU
- [85] 2017-07-21
- [86] 2015-10-30 (PCT/AU2015/000650)
- [87] (WO2016/119003)
- [30] AU (2015900222) 2015-01-27

[11] *2,974,996
[13] C

- [51] Int.Cl. G01B 5/00 (2006.01) A61B 34/20 (2016.01) A61B 34/30 (2016.01) G01L 25/00 (2006.01) G05D 3/14 (2006.01)
- [25] EN
- [54] NAVIGATION BY BENDING FORCES
- [54] NAVIGATION PAR FORCES DE FLEXION
- [72] FERREIRA, LOUIS, CA
- [72] STOKES, MATTHEW, CA
- [73] FERREIRA, LOUIS, CA
- [73] STOKES, MATTHEW, US
- [85] 2017-07-26
- [86] 2016-01-27 (PCT/CA2016/050064)
- [87] (WO2016/123697)
- [30] US (62/110,935) 2015-02-02

[11] 2,975,305
[13] C

- [51] Int.Cl. G06F 8/36 (2018.01) G06F 8/40 (2018.01) G06F 8/72 (2018.01)
- [25] EN
- [54] MACHINE-BASED INSTRUCTION EDITING
- [54] EDITION D'INSTRUCTION PAR UNE MACHINE
- [72] BUCUVALAS, STEVEN, US
- [72] SELKER, KEVIN, US
- [73] PHASE CHANGE SOFTWARE LLC, US
- [85] 2017-07-27
- [86] 2016-02-09 (PCT/US2016/017160)
- [87] (WO2016/130551)
- [30] US (62/113,627) 2015-02-09
- [30] US (62/113,623) 2015-02-09
- [30] US (62/277,769) 2016-01-12
- [30] US (62/280,965) 2016-01-20

[11] 2,976,480
[13] C

- [51] Int.Cl. A47B 67/00 (2006.01) A47B 88/407 (2017.01) A47B 88/994 (2017.01) A47F 7/00 (2006.01)
- [25] EN
- [54] CABINET WITH TELESCOPING TRAYS FOR FASTENER BINS
- [54] ARMOIRE EQUIPEE DE PLATEAUX TELESCOPIQUES DESTINES A DES BACS DE FIXATION
- [72] ROSNER, BRIAN D., US
- [72] HUSS, JAMES F., US
- [72] GARIKAPATI, NALNIKANTH, US
- [73] THE HILLMAN GROUP, INC., US
- [86] (2976480)
- [87] (2976480)
- [22] 2017-08-15
- [30] US (62/375,985) 2016-08-17

[11] 2,975,776
[13] C

- [51] Int.Cl. B01F 23/53 (2022.01) B01F 27/00 (2022.01) B01F 35/71 (2022.01) B01F 35/75 (2022.01)
- [25] EN
- [54] MIXING DEVICE WITH INTEGRATED DELIVERY PUMP
- [54] DISPOSITIF DE MELENGE A POMPE D'ALIMENTATION INTEGREE
- [72] GRIMM, UWE, DE
- [72] GYSLER, PHILIPP, DE
- [72] GASSENSCHMIDT, JORG, DE
- [73] IKA - WERKE GMBH & CO. KG, DE
- [85] 2017-08-03
- [86] 2015-11-23 (PCT/DE2015/100498)
- [87] (WO2016/124164)
- [30] DE (10 2015 101 611.7) 2015-02-04
- [30] DE (10 2015 105 247.4) 2015-04-07

[11] 2,976,774
[13] C

- [51] Int.Cl. B01L 3/14 (2006.01) G01N 21/01 (2006.01) G06T 7/60 (2017.01)
- [25] EN
- [54] CLASSIFICATION OF BARCODE TAG CONDITIONS FROM TOP VIEW SAMPLE TUBE IMAGES FOR LABORATORY AUTOMATION
- [54] CLASSIFICATION D'ETATS D'ETIQUETTES DE CODE A BARRES A PARTIR D'IMAGES DE TUBES DE PRELEVEMENT VUES DU DESSUS POUR L'AUTOMATISATION EN LABORATOIRE
- [72] SOOMRO, KHURRAM, US
- [72] CHANG, YAO-JEN, US
- [72] KLUCKNER, STEFAN, US
- [72] WU, WEN, US
- [72] POLLACK, BENJAMIN, US
- [72] CHEN, TERRENCE, US
- [73] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
- [85] 2017-08-15
- [86] 2016-02-16 (PCT/US2016/018096)
- [87] (WO2016/133915)
- [30] US (62/117,280) 2015-02-17

[11] 2,976,058
[13] C

- [51] Int.Cl. H02G 1/08 (2006.01)
- [25] EN
- [54] PULLING DEVICE
- [54] DISPOSITIF DE TRACTION
- [72] MARGAI, DIANA BERNADETT, HU
- [73] WIRE-HOLDER KFT, HU
- [85] 2017-08-08
- [86] 2016-02-15 (PCT/HU2016/050005)
- [87] (WO2016/128782)
- [30] HU (P1500062) 2015-02-13
- [30] HU (P1500231) 2015-05-14

**Brevets canadiens délivrés
28 février 2023**

[11] 2,976,947
[13] C

- [51] Int.Cl. G01N 35/00 (2006.01) G06T 7/00 (2017.01)
- [25] EN
- [54] LOCALITY-BASED DETECTION OF TRAY SLOT TYPES AND TUBE TYPES IN A VISION SYSTEM
- [54] DETECTION BASEE SUR LA LOCALISATION DE TYPES DE FENTES DE PLATEAU ET DE TYPES DE TUBES DANS UN SYSTEME DE VISION
- [72] WU, WEN, US
- [72] POLLACK, BENJAMIN, US
- [72] CHANG, YAO-JEN, US
- [72] DUMONT, GUILLAUME, FR
- [72] CHEN, TERRENCE, US
- [73] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
- [85] 2017-08-16
- [86] 2016-02-16 (PCT/US2016/018112)
- [87] (WO2016/133926)
- [30] US (62/117,916) 2015-02-18

[11] 2,976,976
[13] C

- [51] Int.Cl. C07K 14/33 (2006.01) C07K 16/12 (2006.01) C07K 16/46 (2006.01) C12N 15/31 (2006.01) C12N 15/85 (2006.01)
- [25] EN
- [54] CLOSTRIDIUM DIFFICILE TOXINS A AND/OR B ANTIGEN AND EPITOPE ANTIBODY, AND PHARMACEUTICAL USES THEREOF
- [54] ANTIGENE ET ANTICORPS EPITOPIQUE CONTRE LES TOXINES A ET/OU B DE CLOSTRIDIUM DIFFICILE, ET UTILISATIONS PHARMACEUTIQUES
- [72] GAUDREAU, SIMON, CA
- [72] CLOUTIER, MARTIN, CA
- [72] FORTIER, LOUIS-CHARLES, CA
- [72] LEDUC, FREDERIC, CA
- [72] TREMBLAY, MAXIME, CA
- [72] VERONNEAU, STEEVE, CA
- [72] GBRIC, DJORJDE, CA
- [72] LARRIVEE, JEAN-FRANCOIS, CA
- [73] IMMUNE BIOSOLUTIONS INC., CA
- [85] 2017-08-17
- [86] 2016-02-19 (PCT/CA2016/050170)
- [87] (WO2016/131157)
- [30] US (62/118,450) 2015-02-19

[11] 2,977,419
[13] C

- [51] Int.Cl. G01M 3/28 (2006.01)
- [25] EN
- [54] SURGICAL CONDUIT LEAK TESTING
- [54] ESSAI DE FUITE DE CONDUIT CHIRURGICAL
- [72] VAN NEST, MARK, US
- [72] KORNWIET, ALYSSA E., US
- [72] LAU, JACKIE P., US
- [73] EDWARDS LIFESCIENCES CORPORATION, US
- [85] 2017-08-21
- [86] 2016-03-10 (PCT/US2016/021834)
- [87] (WO2016/145228)
- [30] US (62/131,134) 2015-03-10
- [30] US (15/065,720) 2016-03-09

[11] 2,977,637
[13] C

- [51] Int.Cl. E04F 13/22 (2006.01) A47G 1/16 (2006.01) F16B 37/04 (2006.01)
- [25] EN
- [54] WALL ANCHOR
- [54] ANCORAGE MURAL
- [72] ASKOF, AVRAHAM, IL
- [72] STEINER, YIGAL, IL
- [73] KETER PLASTIC LTD., IL
- [86] (2977637)
- [87] (2977637)
- [22] 2017-08-29
- [30] IL (247594) 2016-09-01
- [30] IL (253430) 2017-07-11

[11] 2,977,987
[13] C

- [51] Int.Cl. A61F 2/28 (2006.01) A61L 27/06 (2006.01) A61L 27/18 (2006.01) A61L 27/50 (2006.01) A61C 8/00 (2006.01)
- [25] EN
- [54] PROCESS FOR MANUFACTURING A CAP OF A COVERING DEVICE FOR A BONE DEFECT SITE; DEVICE FOR COVERING AND/OR RECONSTRUCTING A BONE DEFECT SITE
- [54] PROCEDE POUR LA FABRICATION D'UN CHAPEAU D'UN DISPOSITIF DE RECOUVREMENT POUR UN SITE DE DEFAUT OSSEUX, ET DISPOSITIF POUR LE RECOUVREMENT ET/OU LA RECONSTRUCTION D'UN SITE DE DEF AUT OSSEUX
- [72] SEILER, MARCUS, DE
- [73] REOSS GMBH, DE
- [85] 2017-08-24
- [86] 2016-01-11 (PCT/DE2016/000016)
- [87] (WO2016/112894)
- [30] DE (10 2015 000 496.4) 2015-01-13
- [30] DE (10 2015 006 153.4) 2015-05-08

[11] 2,978,174
[13] C

- [51] Int.Cl. A23F 3/14 (2006.01) A23L 33/105 (2016.01) A23F 3/18 (2006.01) A23F 3/22 (2006.01) A23F 3/30 (2006.01) A23F 3/32 (2006.01) A23F 3/34 (2006.01) A23L 2/395 (2006.01) A23L 2/64 (2006.01)
- [25] EN
- [54] LOW BULK DENSITY COMPOSITION FOR MAKING A TEA BEVERAGE HAVING REDUCED DUST OR FINES
- [54] COMPOSITION A FAIBLE DENSITE APPARENTE DESTINEE A LA FABRICATION D'UNE BOISSON DE TYPE THE PRESENTANT UNE TENEUR REDUITE EN POUSSIÈRE OU EN FINES
- [72] ROUSSEAU, CEDRIC, LU
- [73] SWM LUXEMBOURG SARL, LU
- [85] 2017-08-29
- [86] 2016-02-25 (PCT/IB2016/051044)
- [87] (WO2016/139561)
- [30] US (62/126,891) 2015-03-02

Canadian Patents Issued
February 28, 2023

[11] 2,978,825
[13] C

- [51] Int.Cl. B02C 18/14 (2006.01) B02C 23/16 (2006.01)
 - [25] EN
 - [54] DEVICE FOR PRODUCING A GRANULATE
 - [54] DISPOSITIF DE PRODUCTION D'UN GRANULAT
 - [72] SCHMIDT, ALEXANDER, DE
 - [73] ALEXANDERWERK GMBH, DE
 - [85] 2017-09-06
 - [86] 2016-03-03 (PCT/EP2016/054488)
 - [87] (WO2016/142251)
 - [30] DE (10 2015 204 289.8) 2015-03-10
 - [30] DE (10 2015 205 642.2) 2015-03-27
-

[11] 2,979,291
[13] C

- [51] Int.Cl. B01D 24/24 (2006.01) B01D 35/02 (2006.01) E04H 4/16 (2006.01)
 - [25] EN
 - [54] FILTER DEVICE
 - [54] SYSTEME FILTRANT
 - [72] GRUBER, EGON, AT
 - [72] ORGEL-ZECHNER, RENE, AT
 - [73] GRUBER, EGON, AT
 - [73] ORGEL-ZECHNER, RENE, AT
 - [85] 2017-09-11
 - [86] 2016-03-17 (PCT/AT2016/050065)
 - [87] (WO2016/145471)
 - [30] AT (A 50223/2015) 2015-03-19
-

[11] 2,979,301
[13] C

- [51] Int.Cl. G07B 15/06 (2011.01) G08G 1/017 (2006.01)
 - [25] EN
 - [54] METHOD FOR GENERATING A DIGITAL RECORD AND ROADSIDE UNIT OF A ROAD TOLL SYSTEM IMPLEMENTING THE METHOD
 - [54] PROCEDE POUR GENERER UN DOSSIER NUMERIQUE ET UNITE EN BORD DE ROUTE D'UN SYSTEME DE PEAGE ROUTIER METTANT EN OEUVRE LE PROCEDE
 - [72] GARTNER, ANDREAS, AT
 - [72] NAGY, OLIVER, AT
 - [72] OHRENEDER, CHRISTIAN, AT
 - [73] KAPSCH TRAFFICCOM AG, AT
 - [85] 2017-09-11
 - [86] 2016-01-27 (PCT/EP2016/051692)
 - [87] (WO2016/150593)
 - [30] EP (15160046.7) 2015-03-20
-

[11] 2,980,783
[13] C

- [51] Int.Cl. E05B 63/14 (2006.01) E05B 27/00 (2006.01)
 - [25] EN
 - [54] METHOD FOR MUTUALLY CONTROLLING AND UNLOCKING A DUAL PLUG IN A LOCK AND A LOCK WITH A DUAL PLUG
 - [54] PROCEDE DE COMMANDE ET DE DECODAGE RECIPROQUE DE BARILLET DE SERRURE DOUBLE POUR SERRURE ET SERRURE A COMMANDE RECIPROQUE A BARILLET DOUBLE
 - [72] CHU, KAPAN, CN
 - [73] CHU, KAPAN, CN
 - [85] 2017-09-25
 - [86] 2016-02-03 (PCT/CN2016/073360)
 - [87] (WO2016/150258)
 - [30] CN (201510130241.2) 2015-03-24
 - [30] CN (201510386558.2) 2015-07-03
 - [30] CN (201510476069.6) 2015-08-06
 - [30] CN (201510485977.1) 2015-08-10
 - [30] CN (201510486222.3) 2015-08-10
 - [30] CN (201510495818.X) 2015-08-13
-

[11] 2,980,944
[13] C

- [51] Int.Cl. C02F 3/12 (2006.01) C02F 3/00 (2006.01) C02F 3/22 (2006.01)
 - [25] EN
 - [54] METHOD FOR BIOLOGICAL WASTEWATER PURIFICATION WITH PHOSPHOROUS REMOVAL
 - [54] PROCEDE DE PURIFICATION BIOLOGIQUE D'EAUX USEES PAR ELIMINATION DE PHOSPHORE
 - [72] INGERLE, KURT, AT
 - [73] INGERLE, KURT, AT
 - [85] 2017-09-26
 - [86] 2016-02-24 (PCT/AT2016/050039)
 - [87] (WO2016/154646)
 - [30] AT (A 50261/2015) 2015-04-02
-

[11] 2,981,630
[13] C

- [51] Int.Cl. H02J 7/02 (2016.01) H02J 50/80 (2016.01) E05B 47/00 (2006.01)
 - [25] EN
 - [54] WIRELESS BATTERY CHARGING SYSTEMS AND METHODS FOR AN ELECTRONIC LOCK
 - [54] SYSTEMES DE RECHARGE DE BATTERIE SANS FIL ET METHODES DE VERROU ELECTRONIQUE
 - [72] GEISZLER, THEODORE D., US
 - [73] FP WIRELESS LLC, US
 - [85] 2017-10-02
 - [86] 2016-02-18 (PCT/US2016/018471)
 - [87] (WO2016/175910)
 - [30] US (14/699,867) 2015-04-29
-

[11] 2,981,806
[13] C

- [51] Int.Cl. H01M 8/04858 (2016.01) H01M 8/18 (2006.01)
- [25] EN
- [54] FLOW BATTERY BALANCING CELLS HAVING A BIPOLAR MEMBRANE AND METHODS FOR USE THEREOF
- [54] CELLULES D'EQUILIBRAGE DE BATTERIE A CIRCULATION COMPORTEANT UNE MEMBRANE BIPOLAIRE, ET LEURS PROCEDES D'UTILISATION
- [72] REECE, STEVEN Y., US
- [73] LOCKHEED MARTIN ENERGY, LLC, US
- [85] 2017-10-03
- [86] 2016-04-13 (PCT/US2016/027368)
- [87] (WO2016/168362)
- [30] US (62/147,034) 2015-04-14

Brevets canadiens délivrés
28 février 2023

[11] **2,982,803**

[13] C

- [51] Int.Cl. A61M 37/00 (2006.01) A61B
 17/20 (2006.01)
 [25] EN
 [54] MICRONEEDLE SYSTEM FOR
 DELIVERING LIQUID
 FORMULATIONS
 [54] SYSTEME A MICROAIGUILLES
 POUR L'APPLICATION DE
 FORMULATIONS LIQUIDES
 [72] HEUSER, KARSTEN, DE
 [72] SPILGIES, HEIKO, DE
 [73] LTS LOHMANN THERAPIE-
 SYSTEME AG, DE
 [85] 2017-10-05
 [86] 2016-04-07 (PCT/EP2016/057675)
 [87] (WO2016/162449)
 [30] EP (15162636.3) 2015-04-07
-

[11] **2,982,876**

[13] C

- [51] Int.Cl. B66F 11/04 (2006.01) B66F
 3/22 (2006.01) B66F 7/06 (2006.01)
 F16C 11/04 (2006.01)
 [25] FR
 [54] SCISSOR ARM ASSEMBLY FOR A
 SCISSOR LIFT
 [54] ASSEMBLAGE DE BRAS DE
 CISEAUX POUR MECANISME DE
 LEVAGE EN CISEAUX D'UNE
 NACELLE ELEVATRICE
 [72] ANGLADE, PIERRE, FR
 [73] HAULOTTE GROUP, FR
 [85] 2017-10-16
 [86] 2016-04-15 (PCT/FR2016/050879)
 [87] (WO2016/170251)
 [30] FR (1553475) 2015-04-18
-

[11] **2,983,786**

[13] C

- [51] Int.Cl. H04L 12/40 (2006.01) H04L
 43/50 (2022.01)
 [25] EN
 [54] BUS NETWORK TERMINATOR
 [54] TERMINATEUR DE RESEAU EN
 BUS
 [72] ESPOSITO, FREDERIC VLADIMIR,
 GB
 [73] EATON INTELLIGENT POWER
 LIMITED, IE
 [85] 2017-10-24
 [86] 2016-04-27 (PCT/GB2016/051191)
 [87] (WO2016/174428)
 [30] GB (1507495.8) 2015-04-30
-

[11] **2,984,446**

[13] C

- [51] Int.Cl. H01H 71/04 (2006.01) H01H
 71/46 (2006.01) H01H 71/02 (2006.01)
 [25] EN
 [54] ELECTRICAL SWITCHING
 APPARATUS AND TRIP
 ASSEMBLY THEREFOR
 [54] APPAREIL COMMUTATEUR
 ELECTRIQUE ET SON
 ENSEMBLE DECLENCHEUR
 [72] KLINE, KAMERON JAMES, US
 [72] JANUSEK, MARK, US
 [72] DEVINE, JACK EDWARD, US
 [72] TURNER, DAVID, US
 [73] EATON INTELLIGENT POWER
 LIMITED, IE
 [85] 2017-10-30
 [86] 2016-05-03 (PCT/US2016/030539)
 [87] (WO2016/179156)
 [30] US (14/706,061) 2015-05-07
-

[11] **2,984,459**

[13] C

- [51] Int.Cl. F16K 1/00 (2006.01) F16K 1/52
 (2006.01) F16K 31/02 (2006.01) F16K
 31/12 (2006.01)
 [25] EN
 [54] VALVE FOR USE IN THE FEED
 PIPE OR RETURN PIPE OF A
 HEATING OR COOLING WATER
 CIRCUIT
 [54] VANNE DESTINEE A ETRE
 UTILISEE DANS L'ARRIVEE OU
 L'EVACUATION D'UN CIRCUIT
 D'EAU DE CHAUFFAGE OU DE
 REFROIDISSEMENT
 [72] DICKENSHEID, LOTHAR, CH
 [73] TACONOA GROUP AG, CH
 [85] 2017-10-31
 [86] 2015-04-09 (PCT/CH2015/000054)
 [87] (WO2015/188284)
-

[11] **2,984,845**

[13] C

- [51] Int.Cl. D21C 9/00 (2006.01) C08B
 16/00 (2006.01) D21C 5/00 (2006.01)
 [25] EN
 [54] A METHOD OF TREATING
 CELLULOSE PULP
 [54] PROCEDE DE TRAITEMENT DE
 PATE DE CELLULOSE
 [72] LOFGREN, CAROLINE, SE
 [72] FRIMAN, LINDA, SE
 [72] SVEDBERG, LINDA, SE
 [73] TREETOTEXTILE AB, SE
 [85] 2017-11-02
 [86] 2016-04-08 (PCT/EP2016/057736)
 [87] (WO2016/177534)
 [30] SE (1550577-9) 2015-05-06
-

[11] **2,985,289**

[13] C

- [51] Int.Cl. B64D 9/00 (2006.01) B60P 1/52
 (2006.01) B64C 1/20 (2006.01) B64C
 1/22 (2006.01) B65G 13/00 (2006.01)
 B65G 39/00 (2006.01) B65G 67/02
 (2006.01)
 [25] EN
 [54] CARGO HANDLING SYSTEMS
 AND METHODS
 [54] SYSTEME DE MANUTENTION DE
 MARCHANDISES ET METHODES
 [72] BROWN, DOUGLAS ALAN, US
 [72] CLOS, WILLIAM ROBERT, US
 [72] HILLS, KAREN L., US
 [72] RIDDLE, AVERY, US
 [72] VANDEWALL, CYNTHIA A., US
 [73] THE BOEING COMPANY, US
 [86] (2985289)
 [87] (2985289)
 [22] 2017-11-10
 [30] US (15/401451) 2017-01-09

Canadian Patents Issued
February 28, 2023

[11] **2,985,432**

[13] C

- [51] Int.Cl. C10M 133/16 (2006.01) C10M
159/20 (2006.01)
[25] EN
[54] METAL-CONTAINING
DETERGENTS AS LUBRICANT
ADDITIVES
[54] DETERGENTS CONTENANT DU
METAL COMME ADDITIFS DE
LUBRIFIANT
[72] DOWDING, PETER JOHN, GB
[72] EIS, ELIN JOHANNA, GB
[73] INFINEUM INTERNATIONAL
LIMITED, GB
[86] (2985432)
[87] (2985432)
[22] 2017-11-14
[30] EP (16198670.8) 2016-11-14
-

[11] **2,985,698**

[13] C

- [51] Int.Cl. C07K 16/28 (2006.01) C07K
16/30 (2006.01) C07K 16/46 (2006.01)
[25] EN
[54] T CELL RECRUITING
POLYPEPTIDES BASED ON TCR
ALPHA/BETA REACTIVITY
[54] POLYPEPTIDES DE
RECRUTEMENT DE
LYMPHOCYTES T SUR LA BASE
DE LA REACTIVITE DU TCR
ALPHA/BETA
[72] ROOBROUCK, ANNELIES, BE
[72] VAN HOORICK, DIANE, BE
[72] VIEIRA, JOAO, GB
[73] ABLYNX N.V., BE
[85] 2017-11-10
[86] 2016-05-13 (PCT/EP2016/060859)
[87] (WO2016/180969)
[30] US (62/160,757) 2015-05-13
[30] US (62/319,486) 2016-04-07
-

[11] **2,986,500**

[13] C

- [51] Int.Cl. C01C 1/04 (2006.01) B01D 3/38
(2006.01) C01B 3/02 (2006.01)
[25] EN
[54] A METHOD FOR INCREASING
THE CAPACITY OF AN
AMMONIA PLANT
[54] PROCEDE POUR AUGMENTER
LA CAPACITE D'UNE USINE
D'AMMONIAC
[72] PANZA, SERGIO, IT
[72] PASCO, LUCA, IT
[73] CASALE SA, CH
[85] 2017-11-20
[86] 2016-05-04 (PCT/EP2016/059967)
[87] (WO2016/184683)
[30] EP (15168757.1) 2015-05-21
-

[11] **2,988,418**

[13] C

- [51] Int.Cl. A47K 3/38 (2006.01) A47H
13/02 (2006.01) A47H 23/01 (2006.01)
[25] EN
[54] MAGNETIC SHOWER CURTAIN
SYSTEM
[54] SYSTEME DE RIDEAU DE
DOUCHE MAGNETIQUE
[72] JONES, KYLE CLANCY, US
[72] TONISSEN, ERIC JOHN, US
[73] FORTUNE BRANDS WATER
INNOVATIONS LLC, US
[86] (2988418)
[87] (2988418)
[22] 2017-12-11
[30] US (62/432,937) 2016-12-12
-

[11] **2,988,515**

[13] C

- [51] Int.Cl. A46B 5/00 (2006.01) A46B
15/00 (2006.01) B29C 45/00 (2006.01)
[25] EN
[54] ORAL CLEANING IMPLEMENT
WITH A TOOL ADAPTED FOR
REMOVAL OF DENTURE
ADHESIVE FROM DENTURES
[54] INSTRUMENT DE NETTOYAGE
BUCCAL COMPRENANT UN
OUTIL CONCU POUR ELIMINER
L'ADHESIF POUR DENTIER
PRESENT SUR DES DENTIERS
[72] BLACHFORD, MARCUS, GB
[72] BRIAN, ALEXANDER JAMES, GB
[72] CLOUGH, RICHARD BRIAN, GB
[73] GLAXOSMITHKLINE CONSUMER
HEALTHCARE (UK) IP LIMITED,
GB
[85] 2017-12-06
[86] 2016-06-07 (PCT/IB2016/053326)
[87] (WO2016/199012)
[30] GB (1509862.7) 2015-06-08
-

[11] **2,987,220**

[13] C

- [51] Int.Cl. G21F 9/30 (2006.01) B65D
88/66 (2006.01) B65G 69/04 (2006.01)
C03B 5/00 (2006.01) C03B 5/02
(2006.01) C03C 1/00 (2006.01)
[25] FR
[54] TOOL FOR SMOOTHING IN A
RADIOACTIVE ENVIRONMENT,
COMPRISING A VIBRATING
GRID
[54] OUTIL DE LISSAGE EN MILIEU
RADIOACTIF, COMPRENANT
UNE GRILLE VIBRANTE
[72] CASSANY, YOHANN, FR
[73] ORANO RECYCLAGE, FR
[85] 2017-11-24
[86] 2016-06-02 (PCT/EP2016/062464)
[87] (WO2016/193357)
[30] FR (15 55151) 2015-06-05
-

**Brevets canadiens délivrés
28 février 2023**

[11] 2,988,522

[13] C

- [51] Int.Cl. F16B 29/00 (2006.01) B64C 1/12 (2006.01) B64C 3/26 (2006.01) F16B 5/02 (2006.01)
- [25] EN
- [54] TAPERED LEAD-IN FOR INTERFERENCE FIT FASTENERS
- [54] AMORCE FUSELEE POUR FIXATIONS A AJUSTEMENT SERRE
- [72] SIMPSON, BLAKE A., US
- [72] SISCO, TANNI, US
- [73] THE BOEING COMPANY, US
- [86] (2988522)
- [87] (2988522)
- [22] 2017-12-11
- [30] US (15/437234) 2017-02-20

[11] 2,990,283

[13] C

- [51] Int.Cl. G03F 7/00 (2006.01) B82Y 30/00 (2011.01) H01L 29/772 (2006.01)
- [25] EN
- [54] SELF-ALIGNING METAL PATTERNING BASED ON PHOTONIC SINTERING OF METAL NANOPARTICLES
- [54] REALISATION D'UN MOTIF METALLIQUE PAR AUTO- ALIGNEMENT BASEE SUR LE FRITTAge PHOTONIQUE DE NANOParticules METALLIQUES
- [72] ZHANG, ZHIYI, CA
- [72] TAO, YE, CA
- [72] CHU, TA-YA, CA
- [72] XIAO, GAOZHI, CA
- [73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
- [85] 2017-12-20
- [86] 2016-06-30 (PCT/CA2016/050769)
- [87] (WO2017/004704)
- [30] US (62/188,553) 2015-07-03

[11] 2,990,516

[13] C

- [51] Int.Cl. G01N 33/28 (2006.01) F04D 13/08 (2006.01) F04D 31/00 (2006.01)
- [25] EN
- [54] DETERMINING THE PHASE COMPOSITION OF A FLUID FLOW
- [54] DETERMINATION DE LA COMPOSITION DE PHASE D'UN ECOULEMENT DE FLUIDE
- [72] BRENNER, LARS, NO
- [72] KIBSGAARD, SVEND TARALD, NO
- [72] MONSEN, BJARNE, NO
- [72] GAUSTAD, TOM ODIN, NO
- [73] STATOIL PETROLEUM AS, NO
- [85] 2017-12-21
- [86] 2015-06-26 (PCT/EP2015/064607)
- [87] (WO2016/206761)

[11] 2,991,088

[13] C

- [51] Int.Cl. B29C 48/92 (2019.01) B29C 44/50 (2006.01) B29C 44/60 (2006.01) G05D 5/03 (2006.01)
- [25] EN
- [54] METHOD AND DEVICE FOR DETERMINING A LAYER PROPERTY OF A LAYER IN AN EXTRUSION PROCESS
- [54] PROCEDE ET DISPOSITIF DE DETERMINATION D'UNE PROPRIETE D'UNE COUCHE DANS UN PROCESSUS D'EXTRUSION
- [72] NERLING, CHRISTOPH, DE
- [73] INOEX GMBH, DE
- [85] 2017-12-29
- [86] 2016-06-24 (PCT/DE2016/100286)
- [87] (WO2017/000933)
- [30] DE (10 2015 110 600.0) 2015-07-01

[11] 2,991,527

[13] C

- [51] Int.Cl. H02J 7/00 (2006.01) H01M 10/00 (2006.01)
- [25] EN
- [54] HYBRID POWER PACK
- [54] BLOC D'ALIMENTATION HYBRIDE
- [72] ROHERA, HEMANT KARAMCHAND, IN
- [73] ROHERA, HEMANT KARAMCHAND, IN
- [85] 2018-01-04
- [86] 2015-08-11 (PCT/IB2015/056108)
- [87] (WO2017/009692)
- [30] IN (2626/MUM/2015) 2015-07-10

[11] 2,991,787

[13] C

- [51] Int.Cl. C10M 159/20 (2006.01) C10M 159/24 (2006.01)
- [25] EN
- [54] LUBRICANTS WITH MAGNESIUM AND THEIR USE FOR IMPROVING LOW SPEED PRE- IGNITION
- [54] LUBRIFIANTS CONTENANT MAGNESIUM ET LEUR UTILISATION POUR AMELIORER UN PRE-ALLUMAGE A BASSE VITESSE
- [72] FLETCHER, KRISTIN, US
- [72] LAM, WILLIAM Y., US
- [72] YANG, KONGSHENG, US
- [72] STYER, JEREMY, US
- [73] AFTON CHEMICAL CORPORATION, US
- [85] 2018-01-08
- [86] 2016-07-14 (PCT/US2016/042332)
- [87] (WO2017/011687)
- [30] US (62/193,297) 2015-07-16
- [30] US (15/147,375) 2016-05-05

[11] 2,993,793

[13] C

- [51] Int.Cl. G02B 27/30 (2006.01) G02B 30/33 (2020.01) G02F 1/1335 (2006.01)
- [25] EN
- [54] DUAL SURFACE COLLIMATOR AND 3D ELECTRONIC DISPLAY EMPLOYING GRATING-BASED BACKLIGHTING USING SAME
- [54] COLLIMATEUR A DOUBLE SURFACE, ET AFFICHEUR ELECTRONIQUE 3D EMPLOYANT UN RETROECLAIRAGE BASE SUR UN RESEAU ET UTILISANT CE COLLIMATEUR
- [72] MA, MING, US
- [72] FATTAL, DAVID A., US
- [73] LEIA INC., US
- [85] 2018-01-25
- [86] 2015-11-18 (PCT/US2015/061417)
- [87] (WO2017/039729)
- [30] US (62/214,975) 2015-09-05

**Canadian Patents Issued
February 28, 2023**

[11] **2,994,439**

[13] C

- [51] Int.Cl. C04B 33/22 (2006.01) C04B 33/30 (2006.01)
 [25] EN
 [54] REFRACTOORY COMPOSITION RESISTANT TO HIGH TEMPERATURE SHOCK AND CREEP, ARTICLES MADE FROM IT, AND METHOD OF MAKING ARTICLES
 [54] COMPOSITION REFRACTAIRE RESISTANTE AUX CHOCS HAUTE TEMPERATURE ET AU FLUAGE, ARTICLES FAITS DE LADITE COMPOSITION ET METHODE DE FABRICATION D'ARTICLES
 [72] BORING, ERIC, US
 [72] ANDERSON, MICHAEL W., US
 [72] SNYDER, DANIEL, US
 [72] BINZ, LARA, US
 [73] MAGNECO/METREL, INC., US
 [86] (2994439)
 [87] (2994439)
 [22] 2018-02-09
 [30] US (15/461,344) 2017-03-16
 [30] US (15/461,322) 2017-03-16
 [30] US (15/868,938) 2018-01-11
-

[11] **2,997,285**

[13] C

- [51] Int.Cl. B64D 27/00 (2006.01) B64C 27/28 (2006.01) B64D 27/24 (2006.01) B64D 35/02 (2006.01)
 [25] EN
 [54] HYBRID PROPULSION DRIVE TRAIN SYSTEM FOR TILTROTOR AIRCRAFT
 [54] SYSTEME DE TRAIN D'ENTRAINEMENT A PROPULSION HYBRIDE DESTINE A UN AERONEF A TILTROTOR
 [72] FENNY, CARLOS ALEXANDER, US
 [72] WITTMAAK, JOHN ROBERT, JR., US
 [72] RYAN, MIKE JOHN, US
 [72] DRENNAN, JOSEPH SCOTT, US
 [73] BELL HELICOPTER TEXTRON INC., US
 [86] (2997285)
 [87] (2997285)
 [22] 2018-03-02
 [30] US (62/465,934) 2017-03-02
 [30] US (15/896,383) 2018-02-14
-

[11] **2,999,001**

[13] C

- [51] Int.Cl. E01H 5/09 (2006.01)
 [25] EN
 [54] SNOW REMOVAL DEVICE AND CORRESPONDING SEALING ASSEMBLY THEREOF
 [54] DISPOSITIF DE DENEIGEMENT ET ASSEMBLAGE D'ETANCHEITE CORRESPONDANT
 [72] CHAMPAGNE, CHRISTIAN, CA
 [72] BELLEVILLE, BENOIT, CA
 [72] BEAULIEU, NORMAND, CA
 [72] PRONO VOST, REJEAN, CA
 [73] LES MACHINERIES PRONO VOST INC., CA
 [86] (2999001)
 [87] (2999001)
 [22] 2018-03-23
 [30] CA (2961915) 2017-03-24
-

[11] **2,999,303**

[13] C

- [51] Int.Cl. H04L 9/32 (2006.01) H04L 9/40 (2022.01) H04L 67/568 (2022.01) H04L 67/02 (2022.01)
 [25] EN
 [54] ACCELERATION OF ONLINE CERTIFICATE STATUS CHECKING WITH AN INTERNET HINTING SERVICE
 [54] ACCELERATION DE VERIFICATION DE STATUT DE CERTIFICAT EN LIGNE A L'AIDE D'UN SERVICE D'OPTIMISATION D'INTERNET
 [72] LEPESKA, PETER, US
 [72] SCHEXNAYDRE, MICHAEL, US
 [72] LARRICK, DOUGLAS, US
 [73] VIASAT, INC., US
 [85] 2018-03-20
 [86] 2016-09-23 (PCT/US2016/053498)
 [87] (WO2017/053835)
 [30] US (62/222,460) 2015-09-23
-

[11] **2,999,614**

[13] C

- [51] Int.Cl. C12Q 1/68 (2018.01)
 [25] EN
 [54] PARK2 AS EPIGENETIC MARKER FOR THE IDENTIFICATION OF IMMUNE CELLS, IN PARTICULAR MONOCYTES
 [54] UTILISATION DE PARK2 EN TANT QUE MARQUEUR EPIGENETIQUE POUR L'IDENTIFICATION DE CELLULES IMMUNITAIRES, EN PARTICULIER LES MONOCYTES
 [72] OLEK, SVEN, DE
 [73] PRECISION FOR MEDICINE GMBH, DE
 [85] 2018-03-22
 [86] 2016-09-22 (PCT/EP2016/072594)
 [87] (WO2017/050925)
 [30] GB (1516975.8) 2015-09-25
-

[11] **2,999,813**

[13] C

- [51] Int.Cl. F02D 9/02 (2006.01) F02B 31/00 (2006.01) F02D 11/10 (2006.01)
 [25] EN
 [54] VALVE CONTROL DEVICE
 [54] DISPOSITIF DE COMMANDE DE SOUPAPE
 [72] IJIMA, KAZUKI, JP
 [72] OOKI, OSAMU, JP
 [73] NISSAN MOTOR CO., LTD., JP
 [85] 2018-03-23
 [86] 2015-09-25 (PCT/JP2015/077019)
 [87] (WO2017/051465)
-

[11] **3,000,310**

[13] C

- [51] Int.Cl. B01D 27/08 (2006.01)
 [25] EN
 [54] FILTER DESIGN WITH INTERCHANGEABLE CORE COVER
 [54] CONCEPTION DE FILTRE DOTE DE COUVERCLE D'AME INTERCHANGEABLE
 [72] DANI, NIKHIL P., US
 [72] BELL, RUSSELL, US
 [73] BRITA LP, CA
 [85] 2018-03-28
 [86] 2016-09-27 (PCT/IB2016/001479)
 [87] (WO2017/055916)
 [30] US (62/235,304) 2015-09-30

**Brevets canadiens délivrés
28 février 2023**

[11] 3,000,872
[13] C

- [51] Int.Cl. A61L 27/12 (2006.01) A61L 27/42 (2006.01) A61L 27/46 (2006.01) A61L 27/56 (2006.01)
[25] EN
[54] CURABLE CALCIUM PHOSPHATE COMPOSITIONS FOR USE WITH POROUS STRUCTURES AND METHODS OF USING THE SAME
[54] COMPOSITIONS DE PHOSPHATE DE CALCIUM DURCISSABLES DESTINEES A ETRE UTILISEES AVEC DES STRUCTURES POREUSES, ET LEURS PROCEDES D'UTILISATION
[72] ANGLE, SIDDHESH, US
[72] STRUNK, MICHAEL, US
[72] CHANG, TAK LUNG, US
[72] COALE, BRADFORD J., US
[72] STEBBINS, GREG, US
[72] LIEPINS, IMANTS, US
[73] ZIMMER KNEE CREATIONS, INC., US
[85] 2018-04-03
[86] 2016-10-07 (PCT/US2016/055940)
[87] (WO2017/062737)
[30] US (62/238,776) 2015-10-08
-

[11] 3,001,498
[13] C

- [51] Int.Cl. F17C 13/02 (2006.01)
[25] EN
[54] FAILURE INDICATOR SUPPLEMENTAL VESSEL FOR PRIMARY VESSEL
[54] RECIPIENT SUPPLEMENTAIRE INDICATEUR DE DEFAILLANCE POUR RECIPIENT PRIMAIRE
[72] NEWHOUSE, NORMAN L., US
[73] HEXAGON TECHNOLOGY AS, NO
[85] 2018-04-09
[86] 2016-11-15 (PCT/US2016/062015)
[87] (WO2017/087376)
[30] US (62/257,809) 2015-11-20
[30] US (15/345,883) 2016-11-08
-

[11] 3,001,742
[13] C

- [51] Int.Cl. G03F 7/00 (2006.01) B05D 5/00 (2006.01) C09D 133/00 (2006.01) C09D 175/04 (2006.01) G03F 1/00 (2012.01) G03F 7/038 (2006.01) G03F 7/039 (2006.01) G03F 7/26 (2006.01)
[25] EN
[54] MICROSTRUCTURE PATTERNS
[54] MOTIFS DE MICROSTRUCTURE
[72] BILINSKY, HENRY CLAUDIO, AU
[73] MICROTAU IP PTY LTD, AU
[85] 2018-04-12
[86] 2016-10-13 (PCT/AU2016/050960)
[87] (WO2017/063040)
[30] US (62/240,708) 2015-10-13
-

[11] 3,001,997
[13] C

- [51] Int.Cl. B63B 7/08 (2020.01) B63H 5/16 (2006.01)
[25] EN
[54] INFLATABLE MOTOR BOAT
[54] CANOT A MOTEUR GONFLABLE
[72] ZYKOV, STANISLAV VLADIMIROVICH, RU
[72] LOSEV, MIHAIL VIKTOROVICH, RU
[72] CHESNOKOV, SERGEI VALER'EVICH, RU
[73] SOLAR LTD., RU
[85] 2018-04-13
[86] 2015-10-19 (PCT/RU2015/000683)
[87] (WO2017/069645)
-

[11] 3,002,581
[13] C

- [51] Int.Cl. H05B 47/115 (2020.01) A61L 2/08 (2006.01) F21V 23/04 (2006.01) F21K 9/00 (2016.01)
[25] EN
[54] ANTIMICROBIAL LIGHT SOURCE ARRAY SYSTEM
[54] SYSTEME DE GROUPE DE SOURCES DE LUMIERE ANTIMICROBIEN
[72] WEEKS, JR., T. WARREN, US
[72] DE OLIVEIRA, AVELINO, US
[73] HUBBELL LIGHTING, INC., US
[85] 2018-04-18
[86] 2016-11-10 (PCT/US2016/061234)
[87] (WO2017/083461)
[30] US (62/253,208) 2015-11-10
-

[11] 3,002,765
[13] C

- [51] Int.Cl. A61K 47/68 (2017.01) A61K 47/66 (2017.01) A61P 35/00 (2006.01)
[25] EN
[54] COMPOSITION FOR THE TREATMENT OF IGF-1R EXPRESSING CANCER
[54] COMPOSITION POUR LE TRAITEMENT D'UN CANCER EXPRIMANT IGF-1R
[72] JOUHANNEAUD, ALEXANDRA, FR
[72] GOETSCH, LILIANE, FR
[72] BROUSSAS, MATTHIEU, FR
[72] BEAU-LARVOR, CHARLOTTE, FR
[72] CHAMPION, THIERRY, FR
[72] ROBERT, ALAIN, FR
[72] HAEUW, JEAN-FRANCOIS, FR
[72] RILATT, IAN, FR
[72] PEREZ, MICHEL, FR
[73] PIERRE FABRE MEDICAMENT, FR
[85] 2018-04-20
[86] 2016-10-26 (PCT/EP2016/075858)
[87] (WO2017/072196)
[30] EP (15306707.9) 2015-10-26
-

[11] 3,003,070
[13] C

- [51] Int.Cl. G03F 7/20 (2006.01) B82Y 40/00 (2011.01) G03F 1/62 (2012.01) G21K 1/06 (2006.01)
[25] EN
[54] A METHOD FOR MANUFACTURING A MEMBRANE ASSEMBLY
[54] PROCEDE DE FABRICATION D'UN ENSEMBLE MEMBRANE
[72] OOSTERHOFF, SICCO, NL
[72] JANSEN, PAUL, NL
[72] VERBRUGGE, BEATRIJS LOUISE MARIE-JOSEPH KATRIEN, NL
[73] ASML NETHERLANDS B.V., NL
[85] 2018-04-24
[86] 2016-10-25 (PCT/EP2016/075605)
[87] (WO2017/076686)
[30] EP (15192788.6) 2015-11-03
[30] EP (15199167.6) 2015-12-10
[30] EP (16171225.2) 2016-05-25

**Canadian Patents Issued
February 28, 2023**

[11] **3,003,787**
[13] C

[51] Int.Cl. E21B 19/18 (2006.01) E21B
19/16 (2006.01)
[25] EN
[54] INTERCHANGEABLE SWIVEL
COMBINED MULTICOUPLER
[54] MULTIRACCORD COMBINE A
PIVOT INTERCHANGEABLE
[72] BELL, MICHAEL THOMAS, US
[73] WEATHERFORD TECHNOLOGY
HOLDINGS, LLC, US
[86] (3003787)
[87] (3003787)
[22] 2018-05-03
[30] US (15/607,159) 2017-05-26

[11] **3,004,753**
[13] C

[51] Int.Cl. A61K 39/00 (2006.01) A61K
39/395 (2006.01) A61P 7/02 (2006.01)
A61P 37/02 (2006.01) C07K 16/40
(2006.01)
[25] EN
[54] METHODS FOR TREATING
CONDITIONS ASSOCIATED WITH
MASP-2 DEPENDENT
COMPLEMENT ACTIVATION
[54] METHODES DE TRAITEMENT
D'ETATS PATHOLOGIQUES
ASSOCIES A UNE ACTIVATION
DU COMPLEMENT DEPENDANT
DE MASP-2
[72] DEMOPULOS, GREGORY A., US
[72] DUDLER, THOMAS, US
[72] SCHWAEBLE, HANS-WILHELM, GB
[73] OMEROS CORPORATION, US
[73] UNIVERSITY OF LEICESTER, GB
[85] 2018-05-08
[86] 2016-11-09 (PCT/US2016/061113)
[87] (WO2017/083371)
[30] US (62/252,814) 2015-11-09
[30] US (62/406,726) 2016-10-11

[11] **3,005,077**
[13] C

[51] Int.Cl. G01N 33/543 (2006.01) B01L
3/00 (2006.01)
[25] EN
[54] IN SITU-GENERATED
MICROFLUIDIC ASSAY
STRUCTURES, RELATED KITS,
AND METHODS OF USE
THEREOF
[54] STRUCTURES D'ESSAI
MICROFLUIDIQUE GENEREES
SUR PLACE, TROUSSES
CONNEXES ET METHODES
D'UTILISATION
[72] BEAUMONT, KRISTIN G., US
[72] BEEMILLER, PETER J., US
[72] KURZ, VOLKER L. S., US
[72] LAVIEU, GREGORY G., US
[72] WANG, XIAOHUA, US
[72] KARUNAKARAN, AATHAVAN, US
[73] BERKELEY LIGHTS, INC., US
[85] 2018-05-10
[86] 2016-12-07 (PCT/US2016/065426)
[87] (WO2017/100347)
[30] US (62/264,665) 2015-12-08
[30] US (62/333,821) 2016-05-09
[30] US (62/418,625) 2016-11-07

[11] **3,005,716**
[13] C

[51] Int.Cl. H04N 5/932 (2006.01)
[25] EN
[54] VIDEO AND MOTION EVENT
INTEGRATION SYSTEM
[54] SYSTEME D'INTEGRATION DE
VIDEO ET D'EVENEMENT DE
MOUVEMENT
[72] BENTLEY, MICHAEL, US
[72] KAPS, RYAN, US
[72] BOSE, BHASKAR, US
[73] BLAST MOTION INC., US
[85] 2018-05-17
[86] 2015-11-19 (PCT/US2015/061695)
[87] (WO2016/081778)
[30] US (14/549,422) 2014-11-20

[11] **3,006,553**
[13] C

[51] Int.Cl. G03H 1/00 (2006.01) G03H
1/04 (2006.01) G03H 1/22 (2006.01)
G03H 1/26 (2006.01)
[25] EN
[54] METHOD OF CALIBRATION FOR
HOLOGRAPHIC ENERGY
DIRECTING SYSTEMS
[54] PROCEDE D'ETALONNAGE POUR
SYSTEMES DE DIRECTION
D'ENERGIE HOLOGRAPHIQUE
[72] BEVENSEE, BRENDAN ELWOOD,
US
[72] KARAFIN, JONATHAN SEAN, US
[73] LIGHT FIELD LAB, INC., US
[85] 2018-05-25
[86] 2017-07-18 (PCT/US2017/042679)
[87] (WO2018/014049)
[30] US (62/362,602) 2016-07-15
[30] US (62/366,076) 2016-07-24
[30] US (62/507,500) 2017-05-17
[30] US (PCT/US2017/042275) 2017-07-14
[30] US (PCT/US2017/042276) 2017-07-14

[11] **3,007,736**
[13] C

[51] Int.Cl. H02J 4/00 (2006.01) A47B
97/00 (2006.01) A47C 7/62 (2006.01)
A47C 31/00 (2006.01) H01R 13/73
(2006.01) H02J 1/00 (2006.01) H02M
7/04 (2006.01)
[25] EN
[54] ELECTRICAL RECEPTACLE FOR
FURNITURE
[54] PRISE ELECTRIQUE DESTINEE A
UN MEUBLE
[72] BYRNE, NORMAN R., US
[72] BYRNE, DANIEL P., US
[72] WARD, JOSEPH D., US
[72] LAUTENBACH, AARON G., US
[72] BURDI, ROGER D., US
[73] BYRNE, NORMAN R., US
[86] (3007736)
[87] (3007736)
[22] 2018-06-11
[30] US (62/518580) 2017-06-12

**Brevets canadiens délivrés
28 février 2023**

[11] 3,008,818

[13] C

- [51] Int.Cl. A47C 27/06 (2006.01) A47C 27/07 (2006.01) B68G 9/00 (2006.01)
 [25] EN
 [54] COIL-IN-COIL SPRING WITH VARIABLE LOADING RESPONSE AND MATTRESSES INCLUDING THE SAME
 [54] RESSORT HELICOIDAL A REPONSE DE CHARGE VARIABLE, ET MATELAS LE COMPRENANT
 [72] DEMOSS, LARRY K., US
 [72] MANUSZAK, BRIAN M., US
 [72] PLATEK, ALLEN M., US
 [72] SARVARY, MARK A., US
 [72] TAR, KEVIN, US
 [73] SEALY TECHNOLOGY, LLC, US
 [85] 2018-06-15
 [86] 2015-12-17 (PCT/US2015/066278)
 [87] (WO2017/105454)
-

[11] 3,009,181

[13] C

- [51] Int.Cl. E21B 41/00 (2006.01) G06F 17/11 (2006.01)
 [25] EN
 [54] BOOLEAN SATISFIABILITY PROBLEM FOR DISCRETE FRACTURE NETWORK CONNECTIVITY
 [54] PROBLEME DE SATISFAISABILITE BOOLEENNE POUR CONNECTIVITE DE RESEAU DE FRACTURES DISCRETES
 [72] HOEINK, TOBIAS, US
 [73] BAKER HUGHES HOLDINGS LLC, US
 [85] 2018-06-19
 [86] 2016-12-02 (PCT/US2016/064670)
 [87] (WO2017/112387)
 [30] US (14/978,794) 2015-12-22

[11] 3,009,545

[13] C

- [51] Int.Cl. C09D 183/04 (2006.01)
 [25] EN
 [54] USE OF A TYPE II PHOTOOINITIATOR SYSTEM FOR CROSSLINKING SILICONE COMPOSITIONS
 [54] UTILISATION D'UN SYSTEME PHOTOAMORCEUR DE TYPE II POUR LA RETICULATION DE COMPOSITIONS SILICONES
 [72] PIBRE, GUILLAUME, FR
 [72] FRANCES, JEAN-MARC, FR
 [72] THEIL, PERRINE, FR
 [72] ALLONAS, XAVIER, FR
 [72] MALIVERNEY, CHRISTIAN, FR
 [72] IBRAHIM, AHMAD, FR
 [73] ELKEM SILICONES FRANCE SAS, FR
 [73] UNIVERSITE DE HAUTE ALSACE, FR
 [85] 2018-06-22
 [86] 2016-12-22 (PCT/EP2016/082456)
 [87] (WO2017/109116)
 [30] FR (1563147) 2015-12-22

[11] 3,011,305

[13] C

- [51] Int.Cl. A61B 6/02 (2006.01) A61B 6/00 35/00 (2006.01)
 [25] EN
 [54] MEDICAL IMAGING SYSTEM HAVING AN ARRAY OF DISTRIBUTED X-RAY GENERATORS
 [54] SYSTEME D'IMAGERIE MEDICALE COMPORANT UN RESEAU DE GENERATEURS DE RAYONS X REPARTIS
 [72] TRAVISH, GIL, GB
 [72] BETTERIDGE, PAUL, GB
 [72] EVANS, MARK, GB
 [72] HOLDEN, MARTIN, US
 [72] MUGHAL, ABDUL SAMI, GB
 [72] SCHMIEDEHAUSEN, KRISTIN, US
 [73] ADAPTIX LTD, GB
 [85] 2018-07-12
 [86] 2016-01-25 (PCT/IB2016/000119)
 [87] (WO2017/130013)

[11] 3,011,756

[13] C

- [51] Int.Cl. A23K 40/35 (2016.01) A23K 50/15 (2016.01)
 [25] EN
 [54] COMPOSITIONS FOR IMPROVING NITROGEN UTILIZATION IN A RUMINANT
 [54] COMPOSITIONS PERMETTANT D'AMELIORER L'UTILISATION DE L'AZOTE CHEZ UN RUMINANT
 [72] HAUSSNER, THOMAS, DE
 [72] BORCHERS, GEORG, DE
 [72] FISCHER, FRANK, DE
 [72] GEIST, LUCAS, DE
 [72] KOBLER, CHRISTOPH, DE
 [72] BORGmann, CORNELIA, DE
 [72] MARTIN-TERESO LOPEZ, JAVIER, NL
 [72] PENA CARVALHO DE CARVALHO, ISABELA, NL
 [73] EVONIK OPERATIONS GMBH, DE
 [85] 2018-07-17
 [86] 2016-01-19 (PCT/EP2016/051034)
 [87] (WO2017/125140)

Canadian Patents Issued
February 28, 2023

[11] 3,012,691

[13] C

- [51] Int.Cl. G01S 17/06 (2006.01) G01S 7/481 (2006.01) G01S 17/87 (2020.01)
 [25] EN
 [54] LIDAR BASED 3-D IMAGING WITH FAR-FIELD ILLUMINATION OVERLAP
 [54] IMAGERIE 3-D A BASE DE LIDAR AVEC CHEVAUCHEMENT D'ECLAIRAGE EN CHAMP LOINTAIN
 [72] HALL, DAVID S., US
 [72] REKOW, MATHEW NOEL, US
 [72] KERSTENS, PIETER J., US
 [73] VELODYNE LIDAR USA, INC., US
 [85] 2018-07-25
 [86] 2017-01-31 (PCT/US2017/015874)
 [87] (WO2017/132704)
 [30] US (62/289,278) 2016-01-31
 [30] US (15/420,366) 2017-01-31
-

[11] 3,012,713

[13] C

- [51] Int.Cl. H02P 8/24 (2006.01) F16K 31/04 (2006.01) F16K 31/06 (2006.01) H02J 7/34 (2006.01)
 [25] EN
 [54] VALVE ACTUATOR
 [54] SERVOMOTEUR DE VANNE
 [72] OBERMOLLER, NILS, DE
 [72] MARX, DOMINIC, DE
 [72] BOS, BENJAMIN, DE
 [73] KARL DUNGS GMBH & CO. KG, DE
 [85] 2018-07-26
 [86] 2016-03-11 (PCT/EP2016/055364)
 [87] (WO2017/153001)

[11] 3,013,187

[13] C

- [51] Int.Cl. A01N 1/02 (2006.01) C12N 5/0775 (2010.01) C12N 5/0783 (2010.01) A61K 35/17 (2015.01) A61K 35/28 (2015.01)
 [25] EN
 [54] MEDIUM COMPOSITION FOR CRYOPRESERVATION OF CELL AND USE THEREOF
 [54] COMPOSITION DE MILIEU DESTINEE A LA CRYOCONSERVATION DE CELLULES ET SON UTILISATION
 [72] HWANG, YU KYEONG, KR
 [72] MIN, BOKYUNG, KR
 [72] CHOI, HANA, KR
 [72] KIM, HYOJIN, KR
 [73] GC CELL CORPORATION, KR
 [85] 2018-07-30
 [86] 2017-01-25 (PCT/KR2017/000859)
 [87] (WO2017/135631)
 [30] KR (10-2016-0012155) 2016-02-01
-

[11] 3,014,608

[13] C

- [51] Int.Cl. A61B 6/00 (2006.01) G06T 7/00 (2017.01)
 [25] EN
 [54] SYSTEMS AND METHODS FOR CHARACTERIZING A CENTRAL AXIS OF A BONE FROM A 3D ANATOMICAL IMAGE
 [54] SYSTEME ET PROCEDES DE CARACTERISATION D'UN AXE CENTRAL D'UN OS A PARTIR D'UNE IMAGE ANATOMIQUE EN 3D
 [72] BEHROOZ, ALI, US
 [72] KEMPNER, JOSHUA, US
 [73] PERKINELMER HEALTH SCIENCES, INC., US
 [85] 2018-08-14
 [86] 2016-03-25 (PCT/US2016/024372)
 [87] (WO2017/164893)
-

[11] 3,016,381

[13] C

- [51] Int.Cl. G06Q 20/08 (2012.01) G06Q 20/10 (2012.01) G06Q 20/22 (2012.01) G06Q 20/32 (2012.01) G06Q 20/38 (2012.01)
 [25] EN
 [54] AN ELECTRONIC PAYMENT SYSTEM AND METHOD THEREOF
 [54] SYSTEME DE PAIEMENT ELECTRONIQUE ET PROCEDE ASSOCIE
 [72] ASBE, DILIP, IN
 [72] RAJENDRAN, NARAYANAN, IN
 [72] PALAGIRI, SATEESH, IN
 [72] SHARMA, ANUBHAV, IN
 [73] NATIONAL PAYMENTS CORPORATION OF INDIA, IN
 [85] 2018-08-31
 [86] 2017-05-12 (PCT/IB2017/052793)
 [87] (WO2017/221085)
 [30] IN (201621021488) 2016-06-22

**Brevets canadiens délivrés
28 février 2023**

[11] 3,018,774
[13] C

- [51] Int.Cl. A61K 39/395 (2006.01) A61P 27/02 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) C07K 16/40 (2006.01)
- [25] EN
- [54] METHODS FOR INHIBITING ANGIOGENESIS IN A SUBJECT IN NEED THEREOF
- [54] PROCEDES D'INHIBITION D'ANGIOGENESE CHEZ UN SUJET QUI EN A BESOIN
- [72] DEMOPULOS, GREGORY A., US
- [72] SCHWAEBLE, HANS-WILHELM, GB
- [72] DUDLER, THOMAS, US
- [72] TJOELKER, LARRY, US
- [73] OMEROS CORPORATION, US
- [73] UNIVERSITY OF LEICESTER, GB
- [85] 2018-09-21
- [86] 2017-03-31 (PCT/US2017/025411)
- [87] (WO2017/173290)
- [30] US (62/315,857) 2016-03-31

[11] 3,019,584
[13] C

- [51] Int.Cl. A44B 19/26 (2006.01) B22D 17/16 (2006.01) B29C 45/00 (2006.01)
- [25] EN
- [54] METAL ONE PIECE SLIDE AND PULL FOR SLIDE FASTENER
- [54] GLISSIERE MONOBLOC EN METAL ET TIROUETTE POUR FERMETURE A GLISSIERE
- [72] SHAH, NIRAV ASHOK, IN
- [73] SHAH TECHNOLOGIES LLC, US
- [85] 2018-09-28
- [86] 2017-03-31 (PCT/US2017/025385)
- [87] (WO2017/173276)
- [30] IN (201621011697) 2016-04-01
- [30] US (15/385,000) 2016-12-20
- [30] US (15/385,294) 2016-12-20

[11] 3,019,679
[13] C

- [51] Int.Cl. H04B 1/713 (2011.01) H04L 1/00 (2006.01)
- [25] EN
- [54] INTERNET-OF-THINGS DESIGN FOR UNLICENSED SPECTRUM
- [54] CONCEPTION D'INTERNET DES OBJETS DESTINEE A UN SPECTRE SANS LICENCE
- [72] XU, HAO, US
- [72] YERRAMALLI, SRINIVAS, US
- [72] MONTOJO, JUAN, US
- [72] WEI, YONGBIN, US
- [72] GAAL, PETER, US
- [72] CHEN, WANSHI, US
- [72] RICO ALVARINO, ALBERTO, US
- [73] QUALCOMM INCORPORATED, US
- [85] 2018-10-01
- [86] 2017-05-09 (PCT/US2017/031768)
- [87] (WO2017/196853)
- [30] US (62/334,439) 2016-05-10
- [30] US (15/589,989) 2017-05-08

[11] 3,019,946
[13] C

- [51] Int.Cl. G02B 27/01 (2006.01) G02B 30/52 (2020.01) G02B 3/00 (2006.01) G09G 5/377 (2006.01) G02C 7/06 (2006.01)
- [25] EN
- [54] AUGMENTED REALITY SYSTEMS AND METHODS WITH VARIABLE FOCUS LENS ELEMENTS
- [54] SYSTEMES ET PROCEDES DE REALITE AUGMENTEE COMPRENANT DES ELEMENTS DE LENTILLE A FOCALE VARIABLE
- [72] MILLER, SAMUEL A., US
- [72] GRECO, PAUL M., US
- [72] SCHOWENGERDT, BRIAN T., US
- [73] MAGIC LEAP, INC., US
- [85] 2018-10-03
- [86] 2017-04-05 (PCT/US2017/026171)
- [87] (WO2017/176898)
- [30] US (62/320,375) 2016-04-08

[11] 3,020,908
[13] C

- [51] Int.Cl. A47C 1/028 (2006.01) A47C 1/0355 (2013.01) A47C 1/024 (2006.01) A61G 5/14 (2006.01)
- [25] EN
- [54] RECLINING ARMCHAIR WITH LIFTING SEAT AND EXTENDING FOOTREST
- [54] FAUTEUIL INCLINABLE AVEC SIEGE DE LEVAGE ET REPOSE-PIEDS EXTENSIBLE
- [72] FELDMAN, JANET SCHWARTZ, US
- [72] FELDMAN, DEREK, US
- [72] ROTTENBERG, AVIV, IL
- [72] YASSAF, DAVID, IL
- [72] DAVIDI, GILAD, IL
- [72] PADWA, ALEX, IL
- [73] J&D FURNITURE LLC, US
- [85] 2018-10-12
- [86] 2017-04-05 (PCT/US2017/026038)
- [87] (WO2017/180380)
- [30] US (15/130,392) 2016-04-15

Canadian Patents Issued
February 28, 2023

[11] 3,022,180

[13] C

- [51] Int.Cl. A61K 9/70 (2006.01) A61K 9/00 (2006.01) A61K 31/60 (2006.01) A61K 33/00 (2006.01) A61K 33/40 (2006.01) A61P 17/10 (2006.01)
- [25] EN
- [54] MEDICATED HYDROCOLLOID DRESSING FOR ACNE TREATMENT
- [54] PANSEMENT HYDROCOLLOIDE MEDICAMENTEUX POUR TRAITEMENT DE L'ACNE
- [72] FREZZA, ENRICO, US
- [73] PEACE OUT, LLC, US
- [85] 2018-10-24
- [86] 2017-03-15 (PCT/US2017/022499)
- [87] (WO2017/189112)
- [30] US (62/327,879) 2016-04-26
- [30] US (62/345,096) 2016-06-03

[11] 3,022,991

[13] C

- [51] Int.Cl. A61K 38/28 (2006.01) A61P 3/10 (2006.01)
- [25] EN
- [54] USE OF ULTRARAPID ACTING INSULIN
- [54] UTILISATION DE L'INSULINE A ACTION ULTRARAPIDE
- [72] RICHARDSON, PETER, US
- [72] BAUGHMAN, ROBERT A., US
- [72] POTOCKA, ELIZABETH, US
- [72] BOSS, ANDERS HASAGER, US
- [72] PETRUCCI, RICHARD, US
- [72] HOWARD, CAMPBELL, US
- [72] MANN, ALFRED, US
- [73] MANNKIND CORPORATION, US
- [86] (3022991)
- [87] (3022991)
- [22] 2009-08-11
- [62] 2,733,593
- [30] US (61/087943) 2008-08-11
- [30] US (61/097495) 2008-09-16
- [30] US (61/097516) 2008-09-16
- [30] US (61/138863) 2008-12-18

[11] 3,023,741

[13] C

- [51] Int.Cl. G01B 11/245 (2006.01) G01B 11/25 (2006.01)
- [25] EN
- [54] APPARATUS FOR LASER PROFILING INSPECTION
- [54] APPAREIL D'INSPECTION DE PROFILAGE A LASER
- [72] DEHGHAN TEZERJANI, ABBASALI, CA
- [72] DOBELL, COLIN, CA
- [72] NEAGA, GABRIEL, CA
- [72] STANWAY, JEFFERSON S. G., CA
- [73] EDDYFI ROBOTICS INC., CA
- [85] 2018-11-08
- [86] 2017-05-10 (PCT/CA2017/050559)
- [87] (WO2017/197501)
- [30] CA (2930037) 2016-05-16

[11] 3,025,704

[13] C

- [51] Int.Cl. G02B 6/44 (2006.01)
- [25] EN
- [54] FIBER OPTIC MULTIPOINT HAVING DIFFERENT TYPES OF PORTS FOR MULTI-USE
- [54] MULTIPOINT POUR FIBRE OPTIQUE COMPORTANT DIFFERENTS TYPES DE PORTS POUR USAGE MULTIPLE
- [72] COAXUM, LARRY REGINALD, US
- [72] DE JESUS, LEYDYS DENISS, US
- [73] CORNING OPTICAL COMMUNICATIONS LLC, US
- [85] 2018-11-26
- [86] 2017-05-11 (PCT/US2017/032081)
- [87] (WO2017/205059)
- [30] US (62/341,947) 2016-05-26

[11] 3,025,451

[13] C

- [51] Int.Cl. C22C 38/12 (2006.01) C21D 8/02 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C23C 2/40 (2006.01)
- [25] EN
- [54] TWIP STEEL SHEET HAVING AN AUSTENITIC MATRIX
- [54] TOLE D'ACIER TWIP AYANT UNE MATRICE AUSTENITIQUE
- [72] SCOTT, COLIN, CA
- [72] IUNG, THIERRY, FR
- [72] THEYSSIER, MARIE-CHRISTINE, FR
- [73] ARCELORMITTAL, LU
- [85] 2018-11-23
- [86] 2017-05-23 (PCT/IB2017/000623)
- [87] (WO2017/203348)
- [30] IB (PCT/IB2016/000700) 2016-05-24

[11] 3,026,285

[13] C

- [51] Int.Cl. G01N 21/78 (2006.01) G01N 21/77 (2006.01) G01N 35/00 (2006.01)
- [25] EN
- [54] SENSORS HAVING INTEGRATED PROTECTION CIRCUITRY
- [54] CAPTEURS POSSEDEANT UN CIRCUIT INTEGRE DE PROTECTION
- [72] FUNG, TRACY HELEN, US
- [72] CAI, XIUYU, US
- [72] KWOK, LISA, US
- [72] TRAN, HAI, US
- [72] SAMIEE, KEVAN, US
- [72] QIANG, LIANGLIANG, US
- [72] BOYANOV, BOYAN, US
- [73] ILLUMINA, INC., US
- [85] 2018-11-30
- [86] 2018-04-19 (PCT/US2018/028265)
- [87] (WO2018/200300)
- [30] US (62/489,840) 2017-04-25
- [30] NL (N2019043) 2017-06-09

[11] 3,026,780

[13] C

- [51] Int.Cl. A45D 19/00 (2006.01)
- [25] EN
- [54] HAIR COLOURING TOOL
- [54] OUTIL DE COLORATION DES CHEVEUX
- [72] SEMINARA, ANGELO, GB
- [73] SEMINARA, ANGELO, GB
- [85] 2018-12-05
- [86] 2017-06-08 (PCT/EP2017/063945)
- [87] (WO2017/211942)
- [30] GB (1610154.5) 2016-06-10

**Brevets canadiens délivrés
28 février 2023**

[11] 3,027,919

[13] C

- [51] Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6806 (2018.01) G16B 20/00 (2019.01) G16B 30/00 (2019.01) G16B 40/00 (2019.01) C12N 15/10 (2006.01)
 - [25] EN
 - [54] METHODS FOR MULTI-RESOLUTION ANALYSIS OF CELL-FREE NUCLEIC ACIDS
 - [54] PROCEDES D'ANALYSE MULTIRESOLUTION D'ACIDES NUCLEIQUES ACELLULAIRES
 - [72] CHUDOVA, DARYA, US
 - [72] ELTOUKHY, HELMY, US
 - [72] MORTIMER, STEFANIE ANN WARD, US
 - [72] ABDUEVA, DIANA, US
 - [72] SIKORA, MARCIN, US
 - [73] GUARDANT HEALTH, INC., US
 - [85] 2018-12-14
 - [86] 2017-09-29 (PCT/US2017/054607)
 - [87] (WO2018/064629)
 - [30] US (62/402,940) 2016-09-30
 - [30] US (62/468,201) 2017-03-07
 - [30] US (62/489,391) 2017-04-24
-

[11] 3,027,979

[13] C

- [51] Int.Cl. C22B 3/46 (2006.01) B01D 9/02 (2006.01) C01G 9/08 (2006.01) C01G 51/00 (2006.01) C22B 19/00 (2006.01) C22B 23/00 (2006.01)
- [25] EN
- [54] METHOD FOR RECOVERING VALUABLE METAL SULFIDES
- [54] PROCEDE DE RECUPERATION DE SULFURES METALLIQUES PRECIEUX
- [72] LEE, SEUNG HO, KR
- [72] AN, JEON WOONG, KR
- [72] YI, YOUN KYU, KR
- [73] KOREA MINE REHABILITATION AND MINERAL RESOURCES CORPORATION, SK
- [86] (3027979)
- [87] (3027979)
- [22] 2018-12-18

[11] 3,027,986

[13] C

- [51] Int.Cl. E05D 15/16 (2006.01) E05D 11/00 (2006.01) E05D 13/00 (2006.01) E06B 3/32 (2006.01) F16C 3/02 (2006.01) F16C 11/02 (2006.01)
 - [25] EN
 - [54] GARAGE DOOR NOISE REDUCTION ROLLER ASSEMBLY WITH NOISE REDUCTION ROLLER WHEEL
 - [54] MECANISME DE ROULEAUX DE REDUCTION DU BRUIT D'UNE PORTE DE GARAGE COMPORTANT UNE ROUE DE ROULEAU A REDUCTION DU BRUIT
 - [72] KELLEY, ROBERT A., US
 - [73] KELLEY, ROBERT A., US
 - [86] (3027986)
 - [87] (3027986)
 - [22] 2018-12-18
 - [30] US (15/845,147) 2017-12-18
-

[11] 3,028,031

[13] C

- [51] Int.Cl. A61K 31/7028 (2006.01) A61K 35/741 (2015.01) A61K 35/742 (2015.01) A61K 35/74 (2015.01) A61P 29/00 (2006.01) A61K 35/00 (2006.01)
- [25] EN
- [54] MICROBIAL CAROTENOIDS AFFECTING GUT MICROBIAL COMPOSITION
- [54] CAROTENOÏDES MICROBIENS INFLUANT SUR LA COMPOSITION MICROBIENNE INTESTINALE
- [72] POSSEMIERS, SAM, BE
- [72] DUYSBURGH, CINDY, BE
- [72] PINHEIRO, IRIS, BE
- [72] BOLCA, SELIN, BE
- [72] VAN DEN ABEELE, PIETER, BE
- [72] MARZORATI, MASSIMO, BE
- [73] MICROBIAL RESEARCH MANAGEMENT HEALTH NV, BE
- [85] 2018-12-17
- [86] 2017-06-22 (PCT/EP2017/065348)
- [87] (WO2017/220708)
- [30] EP (16175832.1) 2016-06-22

[11] 3,028,352

[13] C

- [51] Int.Cl. B29C 64/124 (2017.01) B33Y 10/00 (2015.01) B33Y 30/00 (2015.01) B33Y 50/02 (2015.01) B29C 64/227 (2017.01) B29C 64/30 (2017.01)
 - [25] EN
 - [54] SYSTEM AND METHOD FOR REDUCING THREE-DIMENSIONAL ADDITIVE MANUFACTURING PRODUCTION TIME
 - [54] SYSTEME ET PROCEDE POUR REDUIRE LE TEMPS DE PRODUCTION D'UNE FABRICATION ADDITIVE 3D
 - [72] JOYCE, MICHAEL, US
 - [73] B9CREATIONS, LLC, US
 - [85] 2018-12-18
 - [86] 2017-01-27 (PCT/US2017/015320)
 - [87] (WO2017/222602)
 - [30] US (62/352,413) 2016-06-20
-

[11] 3,029,432

[13] C

- [51] Int.Cl. G21F 9/06 (2006.01) G21F 9/20 (2006.01)
- [25] EN
- [54] RECYCLING OF NUCLEAR LIQUID WASTE WITH BORON CONTROL
- [54] PROCEDE DE TRANSFORMATION DE DECHETS LIQUIDES D'UNE CENTRALE NUCLEAIRE AVEC REGULATION PAR LE BORE
- [72] KORNEIKOV, ROMAN IVANOVICH, RU
- [72] IVANENKO, VLADIMIR IVANOVICH, RU
- [72] SEDNEVA, TAT'YANA ANDREEVNA, RU
- [72] LOKSHIN, EFROIM PINKHUSOVICH, RU
- [73] JOINT STOCK COMPANY "ROSENERGOATOM", RU
- [73] JOINT STOCK COMPANY "SCIENCE AND INNOVATIONS", RU
- [85] 2018-12-27
- [86] 2018-03-22 (PCT/RU2018/000179)
- [87] (WO2018/190751)
- [30] RU (2017112521) 2017-04-12

**Canadian Patents Issued
February 28, 2023**

[11] **3,030,140**
[13] C

[51] Int.Cl. B01D 46/02 (2006.01) B01D 46/42 (2006.01)
[25] EN
[54] VARIABLE DIAMETER TOP FOR A FILTER ELEMENT
[54] SOMMET A DIAMETRE VARIABLE POUR UN ELEMENT DE FILTRE
[72] KADAVY, DALE R., US
[72] LADWIG, JEFFERY MICHAEL, US
[73] PARKER-HANNIFIN CORPORATION, US
[85] 2019-01-07
[86] 2017-07-03 (PCT/US2017/040593)
[87] (WO2018/009480)
[30] US (62/359,451) 2016-07-07

[11] **3,030,143**
[13] C

[51] Int.Cl. A61M 3/02 (2006.01)
[25] EN
[54] WIRELESS ELECTRONIC PUMP DESIGN FOR A BODY CAVITY IRRIGATION DEVICE
[54] CONCEPTION DE POMPE ELECTRONIQUE SANS FIL POUR DISPOSITIF D'IRRIGATION DE CAVITE CORPORELLE
[72] HENRY, JEROME A., IE
[72] ARNOLD, WILLIAM K., US
[72] MATESI, DONALD V., US
[72] GLENNON, MARY L., US
[72] GAMBLIN, DENISE, GB
[72] AUGUSTYN, CHRISTINA, US
[72] LEE, JEANNE E., US
[72] CONLON, COLIN, IE
[72] KING, STEPHEN, IE
[72] BRUGGEMANN, MARTIN, IE
[72] LIDDLE, MARK, NZ
[72] CULLUM, MALFORD E., US
[73] HOLLISTER INCORPORATED, US
[85] 2019-01-07
[86] 2017-07-07 (PCT/US2017/041205)
[87] (WO2018/009871)
[30] US (62/360,014) 2016-07-08
[30] US (62/460,502) 2017-02-17

[11] **3,031,007**
[13] C

[51] Int.Cl. B62D 55/04 (2006.01) B62D 55/084 (2006.01) B62D 55/10 (2006.01) B62D 55/12 (2006.01)
[25] EN
[54] STEERABLE TRACK SYSTEM FOR VEHICLES
[54] SYSTEME DE CHENILLES ORIENTABLE POUR VEHICULES
[72] ST-ARNAUD, CHARLES, CA
[72] LAFRENIERE, PASCAL, CA
[72] FRECHETTE, STEVE, CA
[72] MARTEL, FREDERIK, CA
[73] SOUCY INTERNATIONAL INC., CA
[85] 2019-01-15
[86] 2017-07-24 (PCT/US2017/043532)
[87] (WO2018/018045)
[30] US (62/365,707) 2016-07-22

[11] **3,031,375**
[13] C

[51] Int.Cl. B65H 5/02 (2006.01) B65H 15/02 (2006.01) B65H 29/12 (2006.01) B65H 33/12 (2006.01)
[25] EN
[54] MODULE FOR TURNING OVER FOLDING PACKAGES AND FOLDING PACKAGE PRODUCTION LINE INCORPORATING SUCH A MODULE
[54] MODULE POUR RETOURNER DES EMBALLAGES PLIABLES ET CHAINE DE PRODUCTION D'EMBALLAGES PLIABLES INCORPORANT UN TEL MODULE
[72] PUNDE, SUSHANT ASHOK, IN
[73] BOBST MEX SA, CH
[85] 2019-01-21
[86] 2017-06-20 (PCT/EP2017/025170)
[87] (WO2018/007017)
[30] IN (201641023032) 2016-07-05

[11] **3,031,967**
[13] C

[51] Int.Cl. C08L 67/02 (2006.01) C09D 11/52 (2014.01) C08K 3/01 (2018.01) C08K 3/08 (2006.01)
[25] EN
[54] ANTI-BACTERIAL AQUEOUS INK COMPOSITIONS COMPRISING WATER SOLUBLE SODIO-SULFONATED POLYESTER
[54] COMPOSITIONS D'ENCRE AQUEUSE ANTIBACTERIENNE RENFERMANT UN POLYESTER SODIO-SULFONATE HYDROSOLUBLE
[72] CHOPRA, NAVEEN, CA
[72] SACRIPANTE, GUERINO G., CA
[72] FARRUGIA, VALERIE M., CA
[73] XEROX CORPORATION, US
[86] (3031967)
[87] (3031967)
[22] 2019-01-30
[30] US (15/886,381) 2018-02-01

[11] **3,033,073**
[13] C

[51] Int.Cl. A61F 9/008 (2006.01)
[25] EN
[54] METHOD AND APPARATUS FOR PREDICTION OF POST-OPERATIVE PERCEIVED IRIS COLOR
[54] PROCEDE ET APPAREIL DE PREDICTION D'UNE COULEUR D'IRIS PERCUE POST-OPERATOIRE
[72] HOMER, GREGG, US
[73] STROMA MEDICAL CORPORATION, US
[85] 2019-02-05
[86] 2017-08-16 (PCT/GB2017/052410)
[87] (WO2018/033727)
[30] IB (PCT/IB2016/054907) 2016-08-16

**Brevets canadiens délivrés
28 février 2023**

[11] 3,033,244
[13] C

- [51] Int.Cl. E21B 21/06 (2006.01) B01D 21/00 (2006.01) B07C 5/04 (2006.01) E21B 21/01 (2006.01)
[25] EN
[54] WEIGHT MATERIAL RECOVERY AND REUSE METHOD FROM DRILLING WASTE
[54] PROCEDE DE RECUPERATION ET DE REUTILISATION D'ALOURDISSANTS PROVENANT DE DECHETS DE FORAGE
[72] STEGER, GREG, CA
[72] COSTON, BRIAN, CA
[72] ROSS, STAN, CA
[73] RECOVER ENERGY SERVICES INC., CA
[85] 2019-02-07
[86] 2017-08-24 (PCT/IB2017/055112)
[87] (WO2018/037374)
[30] US (62/379,437) 2016-08-25
-

[11] 3,033,256
[13] C

- [51] Int.Cl. H04W 72/11 (2023.01) H04W 72/232 (2023.01)
[25] EN
[54] SCHEDULING ENHANCEMENTS FOR LATENCY-CONSTRAINED AND RELIABLE WIRELESS COMMUNICATION SYSTEMS
[54] AMELIORATIONS DE PLANIFICATION POUR DES SYSTEMES DE COMMUNICATION SANS FIL A LATENCE LIMITEE ET FIABLES
[72] HOLFELD, BERND, DE
[72] WIERUCH, DENNIS, DE
[72] WIRTH, THOMAS, DE
[72] FEHRENBACH, THOMAS, DE
[72] HELLGE, CORNELIUS, DE
[72] SANCHEZ DE LA FUENTE, YAGO, DE
[72] SCHIERL, THOMAS, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2019-02-07
[86] 2017-08-11 (PCT/EP2017/070444)
[87] (WO2018/029345)
[30] EP (16183900.6) 2016-08-11
-

[11] 3,034,648
[13] C

- [51] Int.Cl. A61K 31/7076 (2006.01) A61P 31/14 (2006.01) C07H 19/16 (2006.01)
[25] EN
[54] 2'-SUBSTITUTED-N6- SUBSTITUTED PURINE NUCLEOTIDES FOR RNA VIRUS TREATMENT
[54] NUCLEOTIDES DE PURINE SUBSTITUES EN POSITION 2'-N 6 POUR LE TRAITEMENT DU VIRUS A ARN
[72] SOMMADOSSI, JEAN-PIERRE, US
[72] MOUSSA, ADEL, US
[73] ATEA PHARMACEUTICALS, INC., US
[85] 2019-02-21
[86] 2017-09-06 (PCT/US2017/050323)
[87] (WO2018/048937)
[30] US (62/384,664) 2016-09-07
-

[11] 3,034,901
[13] C

- [51] Int.Cl. G02B 5/124 (2006.01)
[25] EN
[54] ARTICLE WITH ANGLED REFLECTIVE SEGMENTS
[54] ARTICLE A SEGMENTS REFLECHISSANTS INCLINES
[72] RAKSHA, VLADIMIR, US
[72] DELST, CORNELIS JAN, US
[73] VIAVI SOLUTIONS INC., US
[85] 2019-02-22
[86] 2017-08-31 (PCT/US2017/049735)
[87] (WO2018/045233)
[30] US (62/382,187) 2016-08-31
-

[11] 3,035,530
[13] C

- [51] Int.Cl. A63B 67/06 (2006.01) A63B 37/06 (2006.01) A63B 63/00 (2006.01) A63B 63/02 (2006.01) A63B 63/04 (2006.01) A63B 63/08 (2006.01)
[25] EN
[54] BALL TOSS GAME AND METHOD OF PLAYING
[54] JEU DE LANCER DE BALLE ET PROCEDE DE JEU
[72] SCHIRMER, ROBERT, US
[73] SCHIRMER, ROBERT, US
[85] 2019-02-28
[86] 2017-09-07 (PCT/US2017/050407)
[87] (WO2018/052785)
[30] US (62/394,731) 2016-09-14
[30] US (15/355,694) 2016-11-18
-

[11] 3,035,949
[13] C

- [51] Int.Cl. F01B 7/02 (2006.01) F02B 75/04 (2006.01) F02D 15/00 (2006.01)
[25] FR
[54] INTERNAL COMBUSTION ENGINE, TWO OPPOSED PISTONS, WITH VARIABLE COMPRESSION RATIO.
[54] MOTEUR A COMBUSTION INTERNE, DEUX PISTONS OPPOSES, AVEC TAUX DE COMPRESSION VARIABLE.
[72] STANCESCU, PETRE, CA
[73] STANCESCU, PETRE, CA
[86] (3035949)
[87] (3035949)
[22] 2019-03-07
-

[11] 3,035,410
[13] C

- [51] Int.Cl. C12Q 1/00 (2006.01) G01N 33/543 (2006.01)
[25] EN
[54] CONTINUOUS ANALYTE MONITORING ELECTRODE WITH CROSSLINKED ENZYME
[54] ELECTRODE DE SURVEILLANCE CONTINUE D'ANALYTE AVEC ENZYMES RETICULEES
[72] FUERST, ANGELIKA, DE
[72] KAMMERER, DANIEL, DE
[72] MISCHLER, REINHOLD, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2019-02-28
[86] 2018-02-16 (PCT/EP2018/053917)
[87] (WO2018/149981)
[30] EP (17156652.4) 2017-02-17

Canadian Patents Issued
February 28, 2023

[11] **3,036,197**
[13] C

- [51] Int.Cl. A61K 35/744 (2015.01) A61K 35/747 (2015.01) A23L 33/135 (2016.01) A61K 35/74 (2015.01) A61P 27/02 (2006.01) A61P 29/00 (2006.01) C12N 1/20 (2006.01)
 - [25] EN
 - [54] COMPOSITION COMPRISING LACTOBACILLUS PARACASEI FOR SUPPRESSING OR IMPROVING EYE FATIGUE
 - [54] COMPOSITION COMPRENANT LACTOBACILLUS PARACASEI POUR ELIMINER OU AMELIORER L'ETAT DE FATIGUE DES YEUX
 - [72] KURIHARA, TOSHIHIDE, JP
 - [72] MORITA, YUJI, JP
 - [72] JONAI, KENTA, JP
 - [72] FUJIWARA, DAISUKE, JP
 - [73] KIRIN HOLDINGS KABUSHIKI KAISHA, JP
 - [85] 2019-03-07
 - [86] 2017-09-08 (PCT/JP2017/032398)
 - [87] (WO2018/047930)
 - [30] JP (2016-177039) 2016-09-09
-

[11] **3,036,855**
[13] C

- [51] Int.Cl. G01J 5/70 (2022.01) G06N 20/00 (2019.01) G05B 17/02 (2006.01) G05D 23/19 (2006.01) G06F 1/26 (2006.01) G01J 5/02 (2022.01) G01P 13/00 (2006.01) G06N 3/02 (2006.01)
 - [25] EN
 - [54] BUILDING AUTOMATION SYSTEM
 - [54] SYSTEME D'AUTOMATISATION DE BATIMENT
 - [72] KWONG, ROBERT CHRISTOPHER, CA
 - [72] NICHOLLS, JOHN VINCENT, CA
 - [72] DE VAZ, DMITRI JUDE, CA
 - [72] BATDORF, KEVIN SCOTT, CA
 - [72] VANDITMARS, DEREK JOHN, CA
 - [72] YOO, JUNSANG, CA
 - [72] TSUI, LAP YAN JONATHAN, CA
 - [72] SWANTON, ANDREW MICHAEL, CA
 - [73] DELTA CONTROLS INC., CA
 - [86] (3036855)
 - [87] (3036855)
 - [22] 2019-03-15
 - [30] US (62/644,000) 2018-03-16
-

[11] **3,037,710**
[13] C

- [51] Int.Cl. A61M 25/00 (2006.01)
 - [25] EN
 - [54] INTRODUCTION TO SELF-CATHETERIZATION KIT
 - [54] PRESENTATION D'UN KIT D'AUTO-CATHETERISATION
 - [72] DILLON, MARK, US
 - [72] MURRAY, MICHAEL G., US
 - [72] O'DOWD, PATRICK E., US
 - [73] HOLLISTER INCORPORATED, US
 - [85] 2019-03-20
 - [86] 2017-09-22 (PCT/US2017/052865)
 - [87] (WO2018/057835)
 - [30] US (62/398,711) 2016-09-23
-

[11] **3,038,212**
[13] C

- [51] Int.Cl. H01B 13/26 (2006.01) H01B 7/20 (2006.01) H01B 7/22 (2006.01) H01B 7/295 (2006.01) H01B 11/02 (2006.01)
 - [25] EN
 - [54] FIRE RESISTANT DATA COMMUNICATION CABLE
 - [54] CABLE DE COMMUNICATION DE DONNEES RESISTANT AU FEU
 - [72] SZYLAKOWSKI, GREGG RAYMOND, US
 - [72] BROWN, SCOTT M., US
 - [73] GENERAL CABLE TECHNOLOGIES CORPORATION, US
 - [86] (3038212)
 - [87] (3038212)
 - [22] 2019-03-27
 - [30] US (62/649,197) 2018-03-28
-

[11] **3,038,447**
[13] C

- [51] Int.Cl. B66C 13/08 (2006.01) B66C 1/00 (2006.01)
 - [25] EN
 - [54] APPARATUS FOR ADJUSTING AN ORIENTATION OF A SUSPENDED LOAD
 - [54] APPAREIL POUR ADAPTER L'ORIENTATION D'UNE CHARGE SUSPENDUE
 - [72] FORMOSA, JOEL, CA
 - [73] FORMOSA, JOEL, CA
 - [86] (3038447)
 - [87] (3038447)
 - [22] 2019-03-29
-

[11] **3,039,380**
[13] C

- [51] Int.Cl. C10G 29/02 (2006.01) C10G 29/04 (2006.01) C10G 53/02 (2006.01)
 - [25] EN
 - [54] PROCESS FOR SEPARATING PARTICLES CONTAINING ALKALI METAL SALTS FROM LIQUID HYDROCARBONS
 - [54] PROCEDE DE SEPARATION DE PARTICULES CONTENANT DES SELS DE METAUX ALCALINS A PARTIR D'HYDROCARBURES LIQUIDES
 - [72] ZENAITIS, MICHAEL, CA
 - [72] KILLPACK, JEFF, US
 - [72] MAKOWSKY, MYKOLA, CA
 - [72] GORDON, JOHN HOWARD, US
 - [73] ENLIGHTEN INNOVATIONS INC., CA
 - [85] 2019-04-03
 - [86] 2017-10-04 (PCT/US2017/055213)
 - [87] (WO2018/067753)
 - [30] US (62/404,119) 2016-10-04
 - [30] US (15/446,299) 2017-03-01
 - [30] US (62/513,871) 2017-06-01
-

[11] **3,040,431**
[13] C

- [51] Int.Cl. H01M 8/0258 (2016.01) C01B 3/40 (2006.01)
- [25] EN
- [54] FUEL REFORMER SYSTEM
- [54] SYSTEME DE REFORMEUR DE COMBUSTIBLE
- [72] PALUMBO, NATHAN, US
- [72] PERSKY, JOSHUA, US
- [72] HARRINGTON, FOREST, US
- [73] UPSTART POWER, INC., US
- [85] 2019-04-12
- [86] 2016-01-08 (PCT/US2016/012640)
- [87] (WO2017/069791)
- [30] US (62/243,960) 2015-10-20

Brevets canadiens délivrés
28 février 2023

[11] 3,040,637
[13] C

- [51] Int.Cl. C12N 5/071 (2010.01) A61K 31/198 (2006.01) A61K 31/336 (2006.01) A61K 31/365 (2006.01) A61K 31/4458 (2006.01) A61K 31/7004 (2006.01) A61K 35/12 (2015.01) A61K 35/34 (2015.01) A61K 45/00 (2006.01) A61K 45/06 (2006.01) A61P 43/00 (2006.01) C12N 5/10 (2006.01) C12N 9/99 (2006.01)
- [25] EN
- [54] UNDIFFERENTIATED STEM CELL-REMOVING AGENT, AND METHOD FOR REMOVING UNDIFFERENTIATED STEM CELLS
- [54] AGENT D'ELIMINATION DE CELLULES SOUCHEES INDIFFERENCIEES, ET PROCEDE ASSOCIE
- [72] TOHYAMA, SHUGO, JP
- [72] FUKUDA, KEIICHI, JP
- [72] FUJITA, JUN, JP
- [72] TANOSAKI, SHO, JP
- [73] KEIO UNIVERSITY, JP
- [85] 2019-04-15
- [86] 2017-10-17 (PCT/JP2017/037495)
- [87] (WO2018/074457)
- [30] JP (2016-203839) 2016-10-17

[11] 3,041,611
[13] C

- [51] Int.Cl. G11B 27/034 (2006.01) H04N 21/433 (2011.01)
- [25] EN
- [54] SYSTEMS AND METHODS FOR RESUMING A MEDIA ASSET
- [54] SYSTEMES ET PROCEDES DE REPRISE D'UN ACTIF MULTIMEDIA
- [72] MEYER, SAMUEL, US
- [73] ROVI GUIDES, INC., US
- [85] 2019-04-24
- [86] 2016-10-25 (PCT/US2016/058652)
- [87] (WO2018/080447)

[11] 3,042,183
[13] C

- [51] Int.Cl. G06N 20/00 (2019.01)
- [25] EN
- [54] NUMERICAL QUANTUM EXPERIMENTATION
- [54] EXPERIMENTATION QUANTIQUE NUMERIQUE
- [72] DENCHEV, VASIL S., US
- [73] GOOGLE LLC, US
- [85] 2019-04-29
- [86] 2016-11-01 (PCT/US2016/059873)
- [87] (WO2018/084829)

[11] 3,042,562
[13] C

- [51] Int.Cl. C12N 5/00 (2006.01) C12N 5/0735 (2010.01) C12Q 1/00 (2006.01) G01N 33/48 (2006.01)
- [25] EN
- [54] PLURIPOTENT STEM CELL ASSAY
- [54] DOSAGE DE CELLULES SOUCHEES PLURIPOTENTES
- [72] SLUKVIN, IGOR, US
- [72] HEI, DEREK, US
- [72] DRIER, DIANA, US
- [73] CYNATA THERAPEUTICS LIMITED, AU
- [85] 2019-05-02
- [86] 2017-11-15 (PCT/AU2017/051254)
- [87] (WO2018/090084)
- [30] AU (2016904679) 2016-11-16

[11] 3,044,063
[13] C

- [51] Int.Cl. G06V 40/12 (2022.01) G06V 10/75 (2022.01) G06V 10/82 (2022.01) G06V 40/40 (2022.01)
- [25] EN
- [54] SYSTEMS AND METHODS FOR PERFORMING FINGERPRINT BASED USER AUTHENTICATION USING IMAGERY CAPTURED USING MOBILE DEVICES
- [54] SYSTEMES ET PROCEDES D'EXECUTION D'UNE AUTHENTIFICATION D'UTILISATEUR BASEE SUR DES EMPREINTES DIGITALES AU MOYEN D'IMAGES CAPTUREES A L'AIDE DE DISPOSITIFS MOBILES
- [72] OTHMAN, ASEM, US
- [72] TYSON, RICHARD, GB
- [72] TAVANAI, ARYANA, GB
- [72] XUE, YIQUN, US
- [72] SIMPSON, ANDREW, GB
- [73] VERIDIUM IP LIMITED, GB
- [85] 2019-05-15
- [86] 2017-12-08 (PCT/US2017/065240)
- [87] (WO2018/106987)
- [30] US (62/431,629) 2016-12-08
- [30] US (15/704,561) 2017-09-14

**Canadian Patents Issued
February 28, 2023**

[11] 3,044,262
[13] C

- [51] Int.Cl. C12N 15/12 (2006.01) C12Q 1/6813 (2018.01) C12Q 1/6837 (2018.01) C12Q 1/6886 (2018.01) C07K 14/47 (2006.01) C12N 15/11 (2006.01) C40B 30/04 (2006.01) C40B 40/06 (2006.01)
- [25] EN
- [54] ABERRANT MITOCHONDRIAL DNA, ASSOCIATED FUSION TRANSCRIPTS AND HYBRIDIZATION PROBES THEREFOR
- [54] ADN MITOCHONDRIAL ABERRANT, PRODUITS DE TRANSCRIPTION DE FUSION ASSOCIES ET SONDES D'HYBRIDATION POUR CELUI-CI
- [72] PARR, RYAN, US
- [72] REGULY, BRIAN, US
- [72] DAKUBO, GABRIEL, US
- [72] CREED, JENNIFER, US
- [72] ROBINSON, KERRY, US
- [73] MDNA LIFE SCIENCES INC., US
- [86] (3044262)
- [87] (3044262)
- [22] 2009-03-27
- [62] 2,719,718
- [30] US (61/040,616) 2008-03-28
-

[11] 3,044,267
[13] C

- [51] Int.Cl. A61M 5/142 (2006.01) A61M 5/168 (2006.01)
- [25] EN
- [54] STIMULATION OF SEXUALLY RESPONSIVE TISSUE OF THE VULVA
- [54] STIMULATION DES TISSUS REACTIFS SEXUELS DE LA VULVE
- [72] FORSELL, PETER, CH
- [73] IMPLANTICA PATENT LTD., MT
- [86] (3044267)
- [87] (3044267)
- [22] 2009-10-09
- [62] 2,776,429
- [30] US (61/136890) 2008-10-10
-

[11] 3,044,607
[13] C

- [51] Int.Cl. B65G 39/07 (2006.01) B65G 39/04 (2006.01)
- [25] EN
- [54] CONVEYOR ROLLER WITH CONICAL TAPERED ELEMENT
- [54] ROULEAU DE TRANSPORT AVEC COYAU CONIQUE
- [72] LANGENSIEPEN, DOMINIK, DE
- [72] LINDHOLM, ARMIN, DE
- [73] INTERROLL HOLDING AG, CH
- [85] 2019-05-22
- [86] 2017-12-15 (PCT/EP2017/083022)
- [87] (WO2018/114668)
- [30] DE (10 2016 125 136.4) 2016-12-21
-

[11] 3,044,750
[13] C

- [51] Int.Cl. C11D 17/06 (2006.01)
- [25] EN
- [54] DRYER SHEETS COMPRISING BRANCHED POLYESTER POLYMERS
- [54] ASSOUPLISSANT EN FEUILLE RENFERMANT DES POLYMERES DE POLYESTER RAMIFIES
- [72] PANANDIKER, RAJAN KESHAV, US
- [72] KLUESENER, BERNARD WILLIAM, US
- [72] DORIA, HEATHER ANNE, US
- [73] THE PROCTER & GAMBLE COMPANY, US
- [86] (3044750)
- [87] (3044750)
- [22] 2019-05-30
- [30] US (62/677,705) 2018-05-30
-

[11] 3,046,500
[13] C

- [51] Int.Cl. H01B 11/02 (2006.01) H01B 7/02 (2006.01)
- [25] EN
- [54] CABLE HAVING SHIELDING TAPE WITH CONDUCTIVE SHIELDING SEGMENTS
- [54] CABLE COMPORTANT UN RUBAN DE GAINAGE DOTE DE SEGMENTS DE GAINAGE CONDUCTEURS
- [72] BROWN, SCOTT M., US
- [72] THWAITES, STEPHEN A., US
- [72] MALKEMUS, JAMES D., US
- [73] GENERAL CABLE TECHNOLOGIES CORPORATION, US
- [86] (3046500)
- [87] (3046500)
- [22] 2019-06-14
- [30] US (62/684,902) 2018-06-14
-

[11] 3,048,336
[13] C

- [51] Int.Cl. E01H 1/10 (2006.01) E01H 1/04 (2006.01) E01H 1/05 (2006.01)
- [25] EN
- [54] SYSTEM, UNIT AND METHOD FOR RECOVERING DEICING LIQUIDS FROM AIRPORT APRON SURFACES
- [54] SYSTEME, UNITE ET PROCEDE DE RECUPERATION DE LIQUIDES DE DEGIVRAGE A PARTIR DE SURFACES D'AIRE DE TRAFIC D'AEROPORT
- [72] SVANEBJERG, ELO, DK
- [72] VESTERGAARD, STEFAN, DK
- [73] VESTERGAARD COMPANY A/S, DK
- [85] 2019-06-25
- [86] 2017-12-13 (PCT/IB2017/057888)
- [87] (WO2018/142198)
- [30] IB (PCT/IB2017/050512) 2017-01-31
-

[11] 3,048,415
[13] C

- [51] Int.Cl. C12Q 1/6869 (2018.01) C12Q 1/6827 (2018.01) C12Q 1/6874 (2018.01)
- [25] EN
- [54] METHOD AND SYSTEM EMPLOYING DISTINGUISHABLE POLYMERASES FOR DETECTING TERNARY COMPLEXES AND IDENTIFYING COGNATE NUCLEOTIDES
- [54] PROCEDE ET SYSTEME UTILISANT DES POLYMERASES POUVANT ETRE DISTINGUEES POUR DETECTER DES COMPLEXES TERNAIRES ET IDENTIFIER DES NUCLEOTIDES PARENTS
- [72] DAMBACHER, COREY M., US
- [72] CAYER, DEVON, US
- [72] LECOULTRE, RICHARD, US
- [72] ROKICKI, JOSEPH, US
- [72] WILSON, KERRY, US
- [72] TU, EUGENE, US
- [72] VIJAYAN, KANDASWAMY, US
- [73] PACIFIC BIOSCIENCES OF CALIFORNIA, INC., US
- [85] 2019-06-25
- [86] 2017-12-21 (PCT/US2017/067976)
- [87] (WO2018/125759)
- [30] US (62/440,624) 2016-12-30

**Brevets canadiens délivrés
28 février 2023**

[11] 3,048,679

[13] C

- [51] Int.Cl. H04L 1/16 (2023.01) H04W 52/18 (2009.01) G01D 4/02 (2006.01)
 - [25] EN
 - [54] GROUP ACKNOWLEDGEMENT MESSAGE EFFICIENCY
 - [54] EFFICACITE DE MESSAGE D'ACCUSE DE RECEPTION DE GROUPE
 - [72] UHLING, THOMAS, US
 - [72] BARNES, KEITH, US
 - [73] ITRON, INC., US
 - [85] 2019-06-26
 - [86] 2017-12-21 (PCT/US2017/067895)
 - [87] (WO2018/125747)
 - [30] US (15/395,633) 2016-12-30
-

[11] 3,048,933

[13] C

- [51] Int.Cl. H04B 7/06 (2006.01) H04B 7/08 (2006.01) H04L 1/00 (2006.01) H04L 25/03 (2006.01)
 - [25] EN
 - [54] SIGNAL TRANSMISSION METHOD, NETWORK DEVICE, AND TERMINAL DEVICE
 - [54] PROCEDE DE TRANSMISSION DE SIGNAL, DISPOSITIF DE RESEAU ET DISPOSITIF DE TERMINAL
 - [72] LIU, JIANQIN, CN
 - [73] HUAWEI TECHNOLOGIES CO., LTD., CN
 - [85] 2019-06-28
 - [86] 2017-12-18 (PCT/CN2017/116912)
 - [87] (WO2018/126882)
 - [30] CN (201710011310.7) 2017-01-06
-

[11] 3,049,801

[13] C

- [51] Int.Cl. G09F 9/30 (2006.01) G02B 5/32 (2006.01) G02B 27/01 (2006.01) G02B 27/30 (2006.01) G03H 1/26 (2006.01)
- [25] EN
- [54] DISPLAY DEVICE
- [54] DISPOSITIF D'AFFICHAGE
- [72] VIEIRA, IVO, PT
- [72] CALEIRA DOS SANTOS CARDOSO, LUIS FILIPE, PT
- [72] MOULAS, GERAUD LOUIS DOMINIQUE, PT
- [72] FERNADES VAZ MARTINS, MANUEL JOAO, PT
- [73] LUSOSPACE, PROJECTOS ENGENHARIA LDA, PT
- [86] (3049801)
- [87] (3049801)
- [22] 2014-07-10
- [62] 2,952,887

[11] 3,049,907

[13] C

- [51] Int.Cl. C25D 3/02 (2006.01) C25D 3/56 (2006.01) C25D 5/20 (2006.01) C25D 5/22 (2006.01) C25D 17/04 (2006.01) C25D 17/26 (2006.01)
 - [25] EN
 - [54] SYSTEMS AND METHODS FOR ELECTROPLATING SOURCES FOR ALPHA SPECTROSCOPY
 - [54] SYSTEMES ET PROCEDES D'ELECTRODEPOSITION DE SOURCES POUR SPECTROSCOPIE ALPHA
 - [72] UHLAND, WILLIAM CLAUDE, US
 - [72] BOOIJ, AREND, US
 - [72] GERRITSEN, MARJOLIJN, US
 - [73] CURIUM US LLC, US
 - [85] 2019-07-10
 - [86] 2018-01-26 (PCT/US2018/015482)
 - [87] (WO2018/140750)
 - [30] US (62/450,849) 2017-01-26
-

[11] 3,050,161

[13] C

- [51] Int.Cl. B66B 7/08 (2006.01) B66B 5/02 (2006.01)
- [25] EN
- [54] WIRE ROPE COUPLING FOR ELEVATOR
- [54] COUPLAGE DE CABLE METALLIQUE D'ASCENSEUR
- [72] GREEN, DILLARD HAIRSTON, US
- [72] GUNTSCH, JOHANNES FRIEDRICH RICHARD, US
- [73] DRAKA ELEVATOR PRODUCTS INC., US
- [86] (3050161)
- [87] (3050161)
- [22] 2019-07-19
- [30] US (62/712,666) 2018-07-31

[11] 3,050,498

[13] C

- [51] Int.Cl. H02G 3/14 (2006.01) H01R 13/502 (2006.01)
 - [25] EN
 - [54] SOCKET COVER, SOCKET ASSEMBLY AND ASSOCIATED MANUFACTURING METHOD
 - [54] COUVRE-PRISE ELECTRIQUE, ASSEMBLAGE DE PRISE ELECTRIQUE ET METHODE DE FABRICATION CONNEXE
 - [72] ZHANG, DAHAI, CN
 - [72] MA, ZHEN, CN
 - [72] SHANG, PEI, CN
 - [73] SCHNEIDER ELECTRIC (AUSTRALIA) PTY LTD., AU
 - [86] (3050498)
 - [87] (3050498)
 - [22] 2019-07-24
 - [30] US (16/050,273) 2018-07-31
-

[11] 3,051,119

[13] C

- [51] Int.Cl. A47K 3/40 (2006.01)
- [25] EN
- [54] INCLINED CERAMIC SHOWER TILE
- [54] CARREAU DE DOUCHE EN CERAMIQUE INCLINE
- [72] CELIK, AVNI, TR
- [73] SERANIT GRANIT SERAMIK SANAYI VE TICARET ANONIM SIRKETI, TR
- [85] 2019-07-19
- [86] 2017-12-26 (PCT/TR2017/050700)
- [87] (WO2019/022685)
- [30] TR (2017/00918) 2017-01-20

Canadian Patents Issued
February 28, 2023

[11] **3,051,438**
[13] C

- [51] Int.Cl. H02J 3/18 (2006.01) H02K 47/00 (2006.01)
[25] EN
[54] REACTIVE POWER CONTROL EQUIPMENT AND REACTIVE POWER CONTROL METHOD
[54] DISPOSITIF DE COMMANDE DE PUISSANCE REACTIVE ET METHODE DE COMMANDE DE PUISSANCE REACTIVE
[72] AIDA, YUUKI, JP
[72] TAHARA, YASUTO, JP
[72] SUDO, KENICHI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[86] (3051438)
[87] (3051438)
[22] 2019-08-08
[30] JP (2018-209646) 2018-11-07
-

[11] **3,051,629**
[13] C

- [51] Int.Cl. E04G 21/24 (2006.01) C09D 5/18 (2006.01) E01F 8/00 (2006.01) E04B 1/82 (2006.01) G10K 11/168 (2006.01)
[25] EN
[54] ACOUSTIC CURTAIN
[54] RIDEAU ACOUSTIQUE
[72] CHATTELL, TIMOTHY, GB
[73] RVT GROUP LIMITED, GB
[85] 2019-07-25
[86] 2018-01-26 (PCT/EP2018/051936)
[87] (WO2018/138248)
[30] EP (17153622.0) 2017-01-27
-

[11] **3,053,175**
[13] C

- [51] Int.Cl. C09G 1/02 (2006.01) C09K 3/14 (2006.01)
[25] EN
[54] CALCIUM CARBONATE SLURRY
[54] SUSPENSION EPAISSE DE CARBONATE DE CALCIUM
[72] YANG, ROBERT, US
[72] BRITTELLE, SAMANTHA K., US
[72] CHENG, YOU-JUNG, US
[72] BAILEY, SCOTT WILLIAM, US
[72] TSAY, JAMES M., US
[73] ILLUMINA, INC., US
[85] 2019-08-08
[86] 2018-02-21 (PCT/US2018/019019)
[87] (WO2018/156629)
[30] US (62/463,533) 2017-02-24
-

[11] **3,053,235**
[13] C

- [51] Int.Cl. H04W 24/10 (2009.01) H04B 7/06 (2006.01) H04L 5/00 (2006.01)
[25] EN
[54] METHOD FOR MEASURING AND REPORTING CHANNEL STATE INFORMATION IN WIRELESS COMMUNICATION SYSTEM AND DEVICE THEREFOR
[54] METHODE DE MESURE ET DE RAPPORT D'INFORMATION D'ETAT DE CANAL DANS UN SYSTEME DE COMMUNICATION SANS FIL ET DISPOSITIF ASSOCIE
[72] KANG, JIWON, KR
[72] PARK, JONGHYUN, KR
[72] KIM, KIJUN, KR
[72] KIM, HYUNGTAE, KR
[73] LG ELECTRONICS INC., KR
[85] 2019-08-09
[86] 2018-02-09 (PCT/KR2018/001749)
[87] (WO2018/147676)
[30] US (62/457,202) 2017-02-10
-

[11] **3,054,278**
[13] C

- [51] Int.Cl. A61K 31/728 (2006.01) A61K 47/61 (2017.01) A61K 45/00 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01)
[25] EN
[54] COMPOSITION FOR TREATING JOINT DISEASES AND KIT INCLUDING SAME
[54] COMPOSITION POUR TRAITEMENT DES MALADIES ARTICULAIRES, ET KIT CONTENANT CETTE COMPOSITION
[72] KANO, KAZUYUKI, JP
[72] NOBUOKA, YUJI, JP
[72] SEO, TAKAYUKI, JP
[73] SEIKAGAKU CORPORATION, JP
[85] 2019-08-21
[86] 2018-03-14 (PCT/JP2018/009944)
[87] (WO2018/168920)
[30] JP (2017-049203) 2017-03-14
[30] JP (2017-132509) 2017-07-06

[11] **3,054,466**
[13] C

- [51] Int.Cl. A47L 5/38 (2006.01) A47L 7/00 (2006.01) A47L 9/10 (2006.01) A47L 9/12 (2006.01) A47L 9/32 (2006.01)
[25] EN
[54] ACCESSORY FOR USE WITH VACUUM CLEANERS
[54] ACCESSOIRE DESTINE A ETRE UTILISE AVEC DES ASPIRATEURS
[72] MALLON, MATTHEW DAMIAN, GB
[73] MALLON, MATTHEW DAMIAN, GB
[85] 2019-08-23
[86] 2017-02-27 (PCT/EP2017/054533)
[87] (WO2017/144729)
[30] GB (1603417.5) 2016-02-26
-

[11] **3,054,521**
[13] C

- [51] Int.Cl. G06Q 50/10 (2012.01) G06T 19/00 (2011.01) G16Z 99/00 (2019.01) G01S 5/00 (2006.01) G02B 27/01 (2006.01)
[25] EN
[54] SYSTEM FOR CONDUCTING A SERVICE CALL WITH ORIENTEERING
[54] SYSTEME DE CONDUITE D'UN APPEL DE SERVICE AVEC ORIENTATION
[72] SANTARONE, MICHAEL, US
[72] DUFF, JASON, US
[72] WODRICH, MICHAEL, US
[73] MIDDLE CHART, LLC, US
[85] 2019-09-06
[86] 2019-04-10 (PCT/US2019/026718)
[87] (WO2020/091836)
[30] US (16/176,002) 2018-10-31
[30] US (16/161,823) 2018-10-16
[30] US (16/142,275) 2018-09-26
[30] US (16/165,517) 2018-10-19
[30] US (16/171,593) 2018-10-26

**Brevets canadiens délivrés
28 février 2023**

[11] 3,054,601
[13] C

- [51] Int.Cl. G01N 21/84 (2006.01) G01N 33/53 (2006.01)
 - [25] EN
 - [54] A LATERAL FLOW TEST SYSTEM
 - [54] SYSTEME DE TEST DE FLUX LATERAL
 - [72] POULSEN, CARL ESBEN, DK
 - [72] ERIKSEN, JOHAN, DK
 - [72] BAU-MADSEN, NIELS KRISTIAN, DK
 - [72] HELLER, MARTIN, DK
 - [73] ZOETIS SERVICES LLC, US
 - [85] 2019-08-23
 - [86] 2018-03-09 (PCT/US2018/021663)
 - [87] (WO2018/169770)
 - [30] US (62/470,459) 2017-03-13
-

[11] 3,056,001
[13] C

- [51] Int.Cl. G06Q 20/14 (2012.01) G06Q 20/20 (2012.01)
 - [25] EN
 - [54] WIRELESS SYSTEMS AND METHODS FOR BILL PAYMENT
 - [54] SYSTEMES SANS FIL ET PROCEDES DE PAIEMENT DE FACTURES
 - [72] GRIFFIN, DESMOND, CA
 - [72] GRIFFIN, ANGELA, CA
 - [73] PERK HERO SOFTWARE INC., CA
 - [85] 2019-09-10
 - [86] 2018-03-12 (PCT/CA2018/050292)
 - [87] (WO2018/165746)
 - [30] US (62/472,288) 2017-03-16
-

[11] 3,056,353
[13] C

- [51] Int.Cl. H01B 7/285 (2006.01) H01B 3/30 (2006.01) H01B 9/02 (2006.01)
 - [25] EN
 - [54] WATER TREE RESISTANT CABLES
 - [54] CABLES RESISTANT AUX ARBORESCENCES AQUEUSES
 - [72] LIU, JIANMIN, US
 - [72] CULLIGAN, SEAN WILLIAM, US
 - [73] GENERAL CABLE TECHNOLOGIES CORPORATION, US
 - [86] (3056353)
 - [87] (3056353)
 - [22] 2019-09-23
 - [30] US (16/181,059) 2018-11-05
-

[11] 3,056,418
[13] C

- [51] Int.Cl. G01S 7/484 (2006.01) G01S 7/481 (2006.01)
 - [25] EN
 - [54] VARIABLE BEAM SPACING, TIMING, AND POWER FOR VEHICLE SENSORS
 - [54] ESPACEMENT, SYNCHRONISATION ET PUISSANCE DE FAISCEAU VARIABLE POUR CAPTEURS DE VEHICULE
 - [72] INGRAM, BENJAMIN, US
 - [72] DROZ, PIERRE-YVES, US
 - [72] WACHTER, LUKE, US
 - [72] MCCLOSKEY, SCOTT, US
 - [72] GASSEND, BLAISE, US
 - [72] PENNECOT, GAETAN, US
 - [73] WAYMO LLC, US
 - [85] 2019-09-12
 - [86] 2018-03-16 (PCT/US2018/022909)
 - [87] (WO2018/170423)
 - [30] US (62/473,311) 2017-03-17
 - [30] US (15/900,189) 2018-02-20
-

[11] 3,056,979
[13] C

- [51] Int.Cl. G01S 13/86 (2006.01) G01S 17/66 (2006.01)
- [25] EN
- [54] METHOD AND APPARATUS FOR OPTICAL DISTANCE MEASUREMENTS
- [54] METHODE ET APPAREIL DE MESURES D'UNE DISTANCE OPTIQUE
- [72] SCHULZ, RAYMOND, DE
- [72] ALQADERI, HOSAM, DE
- [73] IBEO AUTOMOTIVE SYSTEMS GMBH, DE
- [86] (3056979)
- [87] (3056979)
- [22] 2019-09-27
- [30] EP (18198096.2) 2018-10-02

[11] 3,057,009
[13] C

- [51] Int.Cl. B62B 7/08 (2006.01) B62B 9/08 (2006.01)
 - [25] EN
 - [54] SAFETY LOCK AND STROLLER THEREWITH
 - [54] DISPOSITIF DE SECURITE ET POUSSETTE MUNIE DE CE DISPOSITIF
 - [72] DUAN, XIAOSONG, CN
 - [72] YUAN, JIALIANG, CN
 - [72] LIU, WEI-HUAN, CN
 - [73] WONDERLAND SWITZERLAND AG, CH
 - [86] (3057009)
 - [87] (3057009)
 - [22] 2019-09-27
 - [30] CN (201811150424.0) 2018-09-29
-

[11] 3,057,039
[13] C

- [51] Int.Cl. C12N 15/49 (2006.01) A61K 38/16 (2006.01) A61K 39/21 (2006.01) A61P 31/18 (2006.01) A61P 37/04 (2006.01) C07K 14/16 (2006.01) C12N 7/01 (2006.01) C12N 9/12 (2006.01) C12N 15/54 (2006.01) C12N 15/863 (2006.01)
- [25] EN
- [54] HIV CONSENSUS ENVELOPE SEQUENCES AND METHODS FOR USING SAME
- [54] SEQUENCES D'ENVELOPPES DE CONSENSUS DU VIH ET METHODES D'UTILISATION
- [72] WEINER, DAVID B., US
- [72] YAN, JIAN, US
- [73] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
- [86] (3057039)
- [87] (3057039)
- [22] 2007-07-30
- [62] 2,949,851
- [30] US (60/833,861) 2006-07-28
- [30] US (60/833,856) 2006-07-28
- [30] US (60/890,352) 2007-02-16

Canadian Patents Issued
February 28, 2023

[11] **3,057,183**

[13] C

- [51] Int.Cl. H04W 36/14 (2009.01) H04W 8/02 (2009.01)
 [25] EN
 [54] INTER-COMMUNICATIONS-SYSTEM MOVING METHOD AND DEVICE
 [54] METHODE DE TRANSFERT INTER SYSTEME DE COMMUNICATION ET DISPOSITIF
 [72] JIN, HUI, CN
 [72] OUYANG, GUOWEI, CN
 [72] YANG, HAORUI, CN
 [72] DOU, FENGHUI, CN
 [72] HE, YUE, CN
 [73] HUAWEI TECHNOLOGIES CO., LTD., CN
 [85] 2019-09-19
 [86] 2017-08-11 (PCT/CN2017/097267)
 [87] (WO2018/171107)
 [30] CN (PCT/CN2017/077387) 2017-03-20
-

[11] **3,059,292**

[13] C

- [51] Int.Cl. G08B 5/36 (2006.01) H05B 47/19 (2020.01) F21S 2/00 (2016.01) F21V 33/00 (2006.01) G08B 3/10 (2006.01) H04M 1/60 (2006.01) F21S 8/02 (2006.01) H04S 3/00 (2006.01)
 [25] EN
 [54] LUMINAIRE SYSTEM WITH INTEGRATED, DYNAMIC AUDIO VISUAL CONTROL
 [54] SYSTEME DE LUMINAIRE COMPRENANT UNE COMMANDE AUDIOVISUELLE DYNAMIQUE INTEGREE
 [72] SPENCER, CHARLES JEFFREY, US
 [72] CHOWDHURY, TOWFIQ, US
 [72] HANI, MOHAMMAD BANI, US
 [72] POSACKI, DANIEL FRANCIS, US
 [72] BRADD, KYLE MICHAEL, US
 [72] FRANKIEWICZ, GREGORY PHILIP, US
 [72] CHEN, FENG, US
 [72] SERRA, JOHN GLENN, US
 [72] CALLISON, DARCI RENEE, US
 [73] ABL IP HOLDING LLC, US
 [86] (3059292)
 [87] (3059292)
 [22] 2019-10-21
 [30] US (62/748,248) 2018-10-19
 [30] US (62/748,253) 2018-10-19
 [30] US (62/748,268) 2018-10-19
 [30] US (62/748,283) 2018-10-19
-

[11] **3,059,510**

[13] C

- [51] Int.Cl. G02B 6/122 (2006.01) G02B 6/125 (2006.01) G02B 6/14 (2006.01)
 [25] EN
 [54] LIGHT ESCALATORS IN OPTICAL CIRCUITS BETWEEN THICK AND THIN WAVEGUIDES
 [54] DISPOSITIFS D'INTENSIFICATION DE LA LUMIERE DANS DES CIRCUITS OPTIQUES ENTRE DES GUIDES D'ONDES EPAIS ET MINCES
 [72] CHERCHI, MATTEO, FI
 [72] AALTO, TIMO, FI
 [72] ARPIAINEN, SANNA, FI
 [73] TEKNOLOGIAN TUTKIMUSKESKUS VTT OY, FI
 [85] 2019-10-09
 [86] 2018-04-23 (PCT/FI2018/050287)
 [87] (WO2018/193167)
 [30] US (62/488,101) 2017-04-21
-

[11] **3,059,962**

[13] C

- [51] Int.Cl. F02M 21/06 (2006.01) F02M 21/02 (2006.01)
 [25] EN
 [54] PRESSURE BUILDING CRYOGENIC FLUID DELIVERY SYSTEM
 [54] SYSTEME DE DISTRIBUTION DE FLUIDE CRYOGENIQUE A ACCUMULATION DE PRESSION
 [72] POAG, BRIAN, US
 [72] STROM, JASON, US
 [73] CHART INC., US
 [85] 2019-10-11
 [86] 2018-04-25 (PCT/US2018/029441)
 [87] (WO2018/200725)
 [30] US (62/489,575) 2017-04-25

[11] **3,059,998**

[13] C

- [51] Int.Cl. E04B 1/98 (2006.01) E04B 1/24 (2006.01) E04B 1/58 (2006.01) E04H 9/02 (2006.01) F16B 9/02 (2006.01)
 [25] EN
 [54] MEMBER-TO-MEMBER LAMINAR FUSE CONNECTION
 [54] CONNEXION DE FUSIBLE LAMINAIRE ELEMENT A ELEMENT
 [72] MCMANUS, PATRICK, US
 [72] PUCKETT, JAY, US
 [72] PETERSEN, JACK, US
 [73] SIMPSON STRONG-TIE COMPANY INC., US
 [85] 2019-10-11
 [86] 2018-04-13 (PCT/US2018/027546)
 [87] (WO2018/191652)
 [30] US (62/485,201) 2017-04-13
-

[11] **3,060,165**

[13] C

- [51] Int.Cl. B65B 5/10 (2006.01) B65D 83/04 (2006.01) A61J 7/00 (2006.01)
 [25] EN
 [54] PACKAGING SYSTEM FOR PHARMACEUTICAL DISPENSER AND ASSOCIATED METHOD
 [54] SYSTEME DE CONDITIONNEMENT POUR DISTRIBUTEUR PHARMACEUTIQUE ET PROCEDE ASSOCIE
 [72] BAILEY, JEFFREY S., US
 [72] ARCHER, BOBY O., US
 [72] FRAHN, ANKE, US
 [72] HAWKES, KIMBERLY, US
 [73] REMEDI TECHNOLOGY HOLDINGS, LLC, US
 [86] (3060165)
 [87] (3060165)
 [22] 2012-10-24
 [62] 3,018,688
 [30] US (61/550,787) 2011-10-24

**Brevets canadiens délivrés
28 février 2023**

[11] 3,060,223 [13] C [51] Int.Cl. B23K 9/10 (2006.01) [25] EN [54] SYSTEMS, METHODS, AND APPARATUS TO PROVIDE PREHEAT VOLTAGE FEEDBACK LOSS PROTECTION [54] SYSTEMES, PROCÉDES ET APPAREIL DESTINÉS À OFFRIR UNE PROTECTION CONTRE LA PERTE DE RÉACTION DE TENSION DE PRÉCHAUFFAGE [72] UECKER, JAMES LEE, US [72] ZWAYER, JAKE, US [73] ILLINOIS TOOL WORKS INC., US [85] 2019-10-16 [86] 2018-03-21 (PCT/US2018/023485) [87] (WO2018/194785) [30] US (15/490,169) 2017-04-18

[11] 3,060,342 [13] C [51] Int.Cl. C08K 3/00 (2018.01) C08K 3/013 (2018.01) C08K 3/22 (2006.01) C09D 123/08 (2006.01) H01L 31/048 (2014.01) [25] EN [54] A POLYMER COMPOSITION FOR PHOTOVOLTAIC APPLICATIONS [54] COMPOSITION POLYMÈRE POUR APPLICATIONS PHOTOVOLTAIQUES [72] HELLSTROM, STEFAN, SE [72] COSTA, FRANCIS, AT [72] BROEDERS, BERT, BE [72] GALGALI, GIRISH SURESH, AT [73] BOREALIS AG, AT [85] 2019-10-17 [86] 2018-06-14 (PCT/EP2018/065797) [87] (WO2018/229182) [30] EP (17176290.9) 2017-06-16

[11] 3,060,743 [13] C [51] Int.Cl. G02B 1/00 (2006.01) B82Y 20/00 (2011.01) A61L 2/08 (2006.01) G02B 5/20 (2006.01) [25] EN [54] METHOD OF MANUFACTURING AN OPTICAL FILTER [54] MÉTHODE DE FABRICATION D'UN FILTRE OPTIQUE [72] KORUGA, DJURO, YU [73] FIELDPOINT (CYPRUS) LTD., CY [86] (3060743) [87] (3060743) [22] 2016-06-09 [62] 3,026,893

[11] 3,060,859 [13] C [51] Int.Cl. E04G 21/28 (2006.01) E04G 21/32 (2006.01) [25] EN [54] TENSIONED SHEET WALL SYSTEM FOR A BUILDING [54] SYSTÈME DE PAROI DE TOLE SOUS TENSION POUR UN BATIMENT [72] LENTOWICH, ALEXANDER, CA [72] HUNTER, RYAN, CA [73] GNB GLOBAL INC., CA [86] (3060859) [87] (3060859) [22] 2019-11-04
--

[11] 3,061,202 [13] C [51] Int.Cl. G06Q 20/20 (2012.01) G06Q 20/38 (2012.01) [25] EN [54] SYSTEM, METHOD, AND COMPUTER PROGRAM FOR PROVIDING A CARD-LINKED OFFER NETWORK THAT ENABLES A CONSUMER TO LINK THE SAME PAYMENT CARD TO THE SAME OFFER ON MULTIPLE DIFFERENT PUBLISHER SITES [54] SYSTÈME, PROCÉDE ET PROGRAMME INFORMATIQUE DESTINÉS À FOURNIR UN RESEAU D'OFFRES LIÉES À UNE CARTE PERMETTANT À UN CONSOMMATEUR DE RELIER LA MEME CARTE DE PAIEMENT À LA MEME OFFRE SUR DE MULTIPLES SITES D'ÉDITEUR DIFFÉRENTS [72] SHI, NORMAN, US [72] OSBORN, CHRIS, US [72] HERROLD, TODD, US [72] HOUSER, MATT, US [72] ROSS, DEVIN, US [73] RAKUTEN GROUP, INC., JP [85] 2019-10-22 [86] 2018-04-24 (PCT/US2018/029198) [87] (WO2018/200568) [30] US (62/490,199) 2017-04-26
--

[11] 3,061,229 [13] C [51] Int.Cl. G06Q 20/08 (2012.01) G06Q 20/38 (2012.01) [25] EN [54] PAYMENT SYSTEM BASED ON DIFFERENT FUNDS SERVERS, AND PAYMENT METHOD, DEVICE AND SERVER THEREFOR [54] SYSTÈME DE PAIEMENT BASE SUR DIFFERENTS SERVEURS DE FONDS ET PROCÉDE DE PAIEMENT, DISPOSITIF ET SERVEUR ASSOCIE [72] ZHANG, YI, CN [73] 10353744 CANADA LTD., CA [86] (3061229) [87] (3061229) [22] 2015-04-30 [62] 2,986,817

[11] 3,061,483 [13] C [51] Int.Cl. B05C 5/00 (2006.01) B05C 5/02 (2006.01) B05C 19/02 (2006.01) H01B 7/28 (2006.01) H01B 7/29 (2006.01) H01B 13/16 (2006.01) H02G 1/00 (2006.01) [25] EN [54] SYSTEMS AND METHODS FOR AERIAL TREATMENT OF OVERHEAD CABLING [54] SYSTÈMES ET PROCÉDES DE TRAITEMENT AERIEN DE CABLAGE AERIEN [72] TEMPLE, WILLIAM SHAWN, US [72] RANGANATHAN, SATHISH KUMAR, US [72] BAKER, GORDON CARL, US [72] SIRIPURAPU, SRINIVAS, US [72] JOSEPH, EMMANUEL RICHARDS STEPHEN, IN [72] SANGALGE, RAJESH, IN [72] POOVALINGAM, SUNDARESAN, IN [72] GEDDAM, VEERA VENKATA RAVI KUMAR, IN [73] GENERAL CABLE TECHNOLOGIES CORPORATION, US [85] 2019-10-24 [86] 2018-05-10 (PCT/US2018/032143) [87] (WO2018/209135) [30] US (62/504,849) 2017-05-11

Canadian Patents Issued
February 28, 2023

[11] **3,061,647**
[13] C

- [51] Int.Cl. A61M 3/02 (2006.01)
 - [25] EN
 - [54] **BODY CAVITY IRRIGATION SYSTEM CONTROLLER**
 - [54] **DISPOSITIF DE COMMANDE DE SYSTEME D'IRRIGATION DE CAVITE CORPORELLE**
 - [72] HENRY, JEROME A., US
 - [72] ARNOLD, WILLIAM K., US
 - [72] CULLUM, MALFORD E., US
 - [72] MATESI, DONALD V., US
 - [72] GAMBLIN, DENISE, US
 - [73] HOLLISTER INCORPORATED, US
 - [85] 2019-10-25
 - [86] 2018-04-30 (PCT/US2018/030287)
 - [87] (WO2018/201152)
 - [30] US (62/491,439) 2017-04-28
-

[11] **3,062,497**
[13] C

- [51] Int.Cl. G01V 1/50 (2006.01)
- [25] EN
- [54] **THREE-DIMENSIONAL FRACTURE RADIUS MODEL**
- [54] **MODELE TRIDIMENSIONNEL DU RAYON D'UNE FRACTURE**
- [72] KATZ, DAVID, US
- [72] CAZENEUVE, EDUARDO ADRIAN, US
- [72] SABAA, KARIM, US
- [72] KOSCHEEV, GENNADY, US
- [72] STOLYAROV, SERGEY, US
- [73] BAKER HUGHES HOLDINGS LLC, US
- [86] (3062497)
- [87] (3062497)
- [22] 2019-11-25
- [30] US (62/771969) 2018-11-27

[11] **3,062,863**
[13] C

- [51] Int.Cl. C08G 18/48 (2006.01) C08G 18/08 (2006.01) C08G 18/10 (2006.01) C08G 18/76 (2006.01) C08G 18/79 (2006.01) C08G 18/80 (2006.01)
 - [25] EN
 - [54] **METHODS AND COMPOSITIONS FOR POLYURETHANE DISPERSIONS USING CAPROLACTAM-DERIVED SOLVENTS**
 - [54] **PROCEDES ET COMPOSITIONS POUR DISPERSIONS DE POLYURETHANE UTILISANT DES SOLVANTS DERIVES DE CAPROLACTAME**
 - [72] ASIRVATHAM, EDWARD, US
 - [72] DE LAME, CELINE, BE
 - [72] FLORES-VASQUEZ, JAIME, US
 - [73] ADVANSIX RESINS & CHEMICALS LLC, US
 - [85] 2019-11-07
 - [86] 2018-06-22 (PCT/US2018/038924)
 - [87] (WO2019/005596)
 - [30] US (62/524,786) 2017-06-26
 - [30] US (62/579,636) 2017-10-31
-

[11] **3,062,936**
[13] C

- [51] Int.Cl. H04W 72/02 (2009.01)
- [25] EN
- [54] **UPLINK CARRIER ACCESS**
- [54] **ACCES A UNE PORTEUSE DE LIAISON MONTANTE**
- [72] NIU, LI, CN
- [72] ZHAO, YAJUN, CN
- [73] ZTE CORPORATION, CN
- [85] 2019-10-29
- [86] 2017-05-17 (PCT/CN2017/084706)
- [87] (WO2018/209593)

[11] **3,064,168**
[13] C

- [51] Int.Cl. A61K 9/00 (2006.01) A61K 9/12 (2006.01) A61K 9/70 (2006.01) A61K 31/00 (2006.01) A61K 47/32 (2006.01)
 - [25] EN
 - [54] **QUICKLY DISINTEGRATING FOAM WAFER WITH HIGH MASS PER UNIT AREA**
 - [54] **PASTILLE EN MOUSSE A DECOMPOSITION RAPIDE, PRESENTANT UN POIDS SURFACIQUE ELEVE**
 - [72] MULLER, MARKUS, DE
 - [72] BAUER, MARIUS, DE
 - [72] LINN, MICHAEL, DE
 - [73] LTS LOHmann THERAPIE-SYSTEME AG, DE
 - [85] 2019-11-19
 - [86] 2018-06-07 (PCT/EP2018/065008)
 - [87] (WO2018/224591)
 - [30] DE (10 2017 112 527.2) 2017-06-07
-

[11] **3,064,378**
[13] C

- [51] Int.Cl. H01L 33/60 (2010.01) H01L 33/50 (2010.01) F21V 8/00 (2006.01) G02F 1/1335 (2006.01)
- [25] EN
- [54] **LIGHT SOURCE AND MULTIVIEW BACKLIGHT USING THE SAME**
- [54] **SOURCE DE LUMIERE ET RETROECLAIRAGE A VUES MULTIPLES L'UTILISANT**
- [72] FATTAL, DAVID A., US
- [72] MA, MING, US
- [73] LEIA INC., US
- [85] 2019-11-20
- [86] 2017-06-08 (PCT/US2017/036647)
- [87] (WO2018/226235)

**Brevets canadiens délivrés
28 février 2023**

[11] 3,064,565
[13] C

- [51] Int.Cl. H04M 3/42 (2006.01)
 - [25] EN
 - [54] **SYSTEM AND METHOD FOR DYNAMIC DIALOG CONTROL FOR CONTACT CENTER SYSTEMS**
 - [54] **SISTÈME ET PROCÉDÉ DE COMMANDE DE DIALOGUE DYNAMIQUE POUR SYSTÈMES DE CENTRE DE CONTACT**
 - [72] MCGANN, CONOR, US
 - [72] GRIGOROPOL, IOANA, US
 - [72] ORSHANSKY, MASHA, US
 - [72] PAT, ANKIT, US
 - [73] GENESYS CLOUD SERVICES HOLDINGS II, LLC, US
 - [85] 2019-11-21
 - [86] 2018-05-22 (PCT/US2018/033978)
 - [87] (WO2018/217820)
 - [30] US (62/509,720) 2017-05-22
-

[11] 3,064,724
[13] C

- [51] Int.Cl. G02B 30/33 (2020.01) F21V 8/00 (2006.01) G02B 27/42 (2006.01)
- [25] EN
- [54] **MICROPRISM MULTIBEAM ELEMENT BACKLIGHT AND MULTIVIEW DISPLAY USING SAME**
- [54] **RETROECLAIRAGE A ELEMENTS MULTIFAISSCEAUX A MICROPRISME ET AFFICHAGE MULTI-VUE L'UTILISANT**
- [72] FATTAL, DAVID A., US
- [72] LI, XUEJIAN, US
- [72] MA, MING, US
- [72] VO, SONNY, US
- [73] LEIA INC., US
- [85] 2019-11-22
- [86] 2017-06-21 (PCT/US2017/038600)
- [87] (WO2018/236372)

[11] 3,064,977
[13] C

- [51] Int.Cl. C10L 1/02 (2006.01) C10L 1/04 (2006.01) C10L 10/14 (2006.01)
 - [25] EN
 - [54] **FUEL COMPOSITION AND METHOD FOR PRODUCING A FUEL COMPOSITION**
 - [54] **COMPOSITION DE CARBURANT ET PROCÉDÉ DE PRODUCTION D'UNE COMPOSITION DE CARBURANT**
 - [72] KURONEN, MARKKU, FI
 - [72] KIISKI, ULLA, FI
 - [72] NORTIO, JENNI, FI
 - [72] SANDBERG, KATI, FI
 - [73] NESTE OYJ, FI
 - [85] 2019-11-26
 - [86] 2018-06-04 (PCT/FI2018/050418)
 - [87] (WO2018/224730)
 - [30] FI (20175528) 2017-06-07
-

[11] 3,065,132
[13] C

- [51] Int.Cl. F16B 12/44 (2006.01) A47C 7/00 (2006.01) A47C 23/00 (2006.01) F16B 12/56 (2006.01)
- [25] EN
- [54] **BEDDING/SEATING PRODUCT WITH LOCKED CORNERS**
- [54] **PRODUIT FORMANT LIT/SIEGE A COINS BLOQUES**
- [72] JEWETT, JASON V., US
- [72] THOMPSON, SETH A., US
- [73] L&P PROPERTY MANAGEMENT COMPANY, US
- [85] 2019-11-26
- [86] 2018-07-19 (PCT/US2018/042865)
- [87] (WO2019/018624)
- [30] US (62/535,465) 2017-07-21
- [30] US (16/033,665) 2018-07-12

[11] 3,065,792
[13] C

- [51] Int.Cl. A47J 44/00 (2006.01) A47J 27/00 (2006.01) A47J 27/086 (2006.01) A47J 36/06 (2006.01)
 - [25] EN
 - [54] **COOKING DEVICE AND COMPONENTS THEREOF**
 - [54] **DISPOSITIF DE CUISSON ET COMPOSANTS DE CELUI-CI**
 - [72] GILL, AARON MICHAEL, US
 - [72] RICHARDSON, ROSS, US
 - [72] ZABEL, NAOMI KALIA WILLIAMS, US
 - [72] DENG, DA, US
 - [72] GURSEL, METE, US
 - [72] TATTERSFIELD, ANDREW JOHN ROY, US
 - [72] DENHAM, NIALL CHRISTOPHER, US
 - [72] JACKSON, ROGER NEIL, US
 - [72] LEAHY, RONAN PATRICK, US
 - [72] WHITE, EVAN JAMES, US
 - [72] GUERIN, THOMAS, US
 - [72] MARTIN, CHRIS, US
 - [72] LAVINS, NATHANIEL R., US
 - [72] SWANHART, MACKENZIE LEE, US
 - [72] FERGUSON, SAMUEL ANDREW, US
 - [72] STEWART, SCOTT JAMES, US
 - [73] SHARKNINJA OPERATING LLC, US
 - [86] (3065792)
 - [87] (3065792)
 - [22] 2018-08-09
 - [62] 3,067,866
 - [30] US (62/543,082) 2017-08-09
-

[11] 3,065,843
[13] C

- [51] Int.Cl. H04W 76/19 (2018.01)
- [25] EN
- [54] **MULTI-CONNECTION RECOVERY METHOD IN NON-ACTIVATED STATE AND DEVICE THEREFOR**
- [54] **PROCÉDÉ DE RECUPERATION DE CONNEXIONS MULTIPLES DANS UN ÉTAT NON ACTIF ET DISPOSITIF ASSOCIE**
- [72] YANG, NING, CN
- [72] LIU, JIANHUA, CN
- [73] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
- [85] 2019-12-02
- [86] 2017-07-21 (PCT/CN2017/093954)
- [87] (WO2019/014948)

Canadian Patents Issued
February 28, 2023

[11] **3,066,205**
[13] C

- [51] Int.Cl. H05K 1/11 (2006.01) G01S 17/89 (2006.01)
 - [25] EN
 - [54] PCB OPTICAL ISOLATION BY NONUNIFORM CATCH PAD STACK
 - [54] ISOLATION OPTIQUE DE CARTE DE CIRCUIT IMPRIME PAR EMPILEMENT DE TAMPONS DE CAPTURE NON UNIFORME
 - [72] TAZZOLI, AUGUSTO, US
 - [72] GASSEND, BLAISE, US
 - [73] WAYMO LLC, US
 - [85] 2019-12-04
 - [86] 2018-05-22 (PCT/US2018/033790)
 - [87] (WO2018/226393)
 - [30] US (15/613,580) 2017-06-05
-

[11] **3,066,484**
[13] C

- [51] Int.Cl. G02B 21/06 (2006.01)
- [25] EN
- [54] MULTIPLEXING OF AN ACTIVE SENSOR DETECTOR USING STRUCTURED ILLUMINATION
- [54] MULTIPLEXAGE D'UN DETECTEUR A CAPTEUR ACTIF A L'AIDE D'UN ECLAIRAGE STRUCTURE
- [72] BAKER, THOMAS, US
- [73] ILLUMINA, INC., US
- [85] 2019-12-05
- [86] 2019-01-04 (PCT/US2019/012404)
- [87] (WO2019/136290)
- [30] US (62/614,690) 2018-01-08
- [30] NL (2020621) 2018-03-20

[11] **3,066,664**
[13] C

- [51] Int.Cl. H04W 72/232 (2023.01) H04W 72/231 (2023.01)
 - [25] EN
 - [54] METHOD FOR PDCCH TRANSMISSION IN WIRELESS COMMUNICATION SYSTEM, NETWORK DEVICE AND TERMINAL DEVICE
 - [54] METHODE POUR LA TRANSMISSION PDCCH DANS UN SYSTEME DE COMMUNICATION SANSFIL, DISPOSITIF RESEAU ET DISPOSITIF TERMINAL
 - [72] TANG, HAI, CN
 - [73] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
 - [85] 2019-12-09
 - [86] 2017-08-10 (PCT/CN2017/096914)
 - [87] (WO2019/028776)
-

[11] **3,066,665**
[13] C

- [51] Int.Cl. H04W 72/02 (2009.01)
- [25] EN
- [54] CHANNEL RESOURCE SET INDICATION METHOD, TERMINAL DEVICE AND NETWORK DEVICE
- [54] PROCEDE D'INDICATION D'ENSEMBLE DE RESSOURCES DE CANAL, DISPOSITIF TERMINAL, ET DISPOSITIF DE RESEAU
- [72] TANG, HAI, CN
- [73] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
- [85] 2019-12-09
- [86] 2017-09-30 (PCT/CN2017/105012)
- [87] (WO2019/061498)

[11] **3,067,404**
[13] C

- [51] Int.Cl. B60P 7/02 (2006.01) B62D 33/04 (2006.01)
 - [25] EN
 - [54] A TONNEAU WITH INTEGRATED TOOLBOX
 - [54] COUVRE-CAISSE AVEC BOITE A OUTILS INTEGREE
 - [72] LINN, RANDY W., US
 - [72] KOLWICK, JOSEPH T., US
 - [72] NOWICKI, THOMAS P., US
 - [73] RELIABLE ENGINEERED PRODUCTS, LLC, US
 - [86] (3067404)
 - [87] (3067404)
 - [22] 2020-01-10
 - [30] US (16/252,051) 2019-01-18
 - [30] US (62/870,247) 2019-07-03
 - [30] US (16/597,290) 2019-10-09
-

[11] **3,068,940**
[13] C

- [51] Int.Cl. E02F 9/28 (2006.01) A01B 23/02 (2006.01)
- [25] EN
- [54] METHOD OF FIXING A WEAR ELEMENT ON THE FRONT EDGE OF A SUPPORT AND CORRESPONDING FIXING MEANS
- [54] PROCEDE DE FIXATION D'UN ELEMENT D'USURE SUR LE BORD AVANT D'UN SUPPORT ET MOYENS DE FIXATION CORRESPONDANTS
- [72] ROL CORREDOR, JAVIER, ES
- [72] LOPEZ REQUEJO, SERGIO, ES
- [72] PICÓN MANJÓN, FRANCESC, ES
- [72] MARTINEZ MANE, ANGEL, ES
- [72] PEREZ SORIA, FRANCISCO, ES
- [72] TRIGINER BOIXEDA, JORGE, ES
- [72] ROCA, NURIA, ES
- [72] IBANEZ COTADO, DAVID, ES
- [73] METALOGENIA RESEARCH & TECHNOLOGIES S.L., ES
- [85] 2020-01-03
- [86] 2018-07-04 (PCT/EP2018/068072)
- [87] (WO2019/008022)
- [30] EP (17382445.9) 2017-07-07

Brevets canadiens délivrés
28 février 2023

[11] 3,069,326
[13] C

- [51] Int.Cl. H02K 1/06 (2006.01) H02P 25/092 (2016.01) H02K 5/04 (2006.01) H02K 5/128 (2006.01) H02K 37/04 (2006.01) H02P 25/08 (2016.01)
 - [25] EN
 - [54] REDUCED NOISE AND VIBRATION SWITCHED RELUCTANCE MACHINE
 - [54] MACHINE A RELUCTANCE COMMUTEE A BRUIT ET VIBRATIONS REDUITS
 - [72] DESAI, PIYUSH, US
 - [72] KNODEL, TIMOTHY, US
 - [72] KNODEL, BRYAN, US
 - [72] FAIRALL, EARL, US
 - [73] TURNTIDE TECHNOLOGIES INC., US
 - [85] 2020-01-07
 - [86] 2019-04-16 (PCT/US2019/027749)
 - [87] (WO2019/204356)
 - [30] US (62/658,485) 2018-04-16
-

[11] 3,069,329
[13] C

- [51] Int.Cl. A47J 39/02 (2006.01) A47J 36/24 (2006.01) A47J 39/00 (2006.01)
- [25] EN
- [54] TRAY IDENTIFICATION ACCESSORY FOR FOOD HOLDING DEVICES
- [54] ACCESOIRE D'IDENTIFICATION DE PLATEAU POUR DISPOSITIFS DE MAINTIEN D'ALIMENTS
- [72] PATTERSON, NICHOLAS M., US
- [72] FLUCK, JORDAN N., US
- [73] CLEVELAND RANGE, LLC, US
- [85] 2020-01-07
- [86] 2018-09-14 (PCT/US2018/051007)
- [87] (WO2019/055744)
- [30] US (62/558,647) 2017-09-14

[11] 3,069,475
[13] C

- [51] Int.Cl. H01R 13/66 (2006.01) G16Y 40/10 (2020.01) G01K 1/024 (2021.01) H02G 15/08 (2006.01)
 - [25] EN
 - [54] POWER CABLE CONNECTOR, ELECTRICAL SYSTEM AND METHOD FOR ASSEMBLING POWER CABLE CONNECTOR
 - [54] CONNECTEUR DE CABLE D'ALIMENTATION, SYSTEME ELECTRIQUE ET METHODE D'ASSEMBLAGE D'UN CONNECTEUR DE CABLE D'ALIMENTATION
 - [72] WU, FUMEI, CN
 - [72] ZHANG, YIBO, CN
 - [72] YANG, QING, CN
 - [73] ABB SCHWEIZ AG, CH
 - [85] 2020-01-23
 - [86] 2018-12-20 (PCT/CN2018/122411)
 - [87] (WO2020/124498)
-

[11] 3,069,678
[13] C

- [51] Int.Cl. E21B 21/06 (2006.01) B01D 24/00 (2006.01) B01D 29/00 (2006.01) B01D 33/03 (2006.01) B03B 5/04 (2006.01) B03B 5/06 (2006.01) B07B 1/46 (2006.01)
- [25] EN
- [54] COLLECTING MICROCHIPS IN DRILLING FLUIDS
- [54] COLLECTE DE MICRO-ECLATS DANS DES FLUIDES DE FORAGE
- [72] AL-BADRAN, MOHAMMAD SAUD, SA
- [72] LI, BODONG, SA
- [73] SAUDI ARABIAN OIL COMPANY, SA
- [85] 2020-01-10
- [86] 2018-07-05 (PCT/US2018/040899)
- [87] (WO2019/014045)
- [30] US (15/647,936) 2017-07-12

[11] 3,071,133
[13] C

- [51] Int.Cl. A61F 2/24 (2006.01)
 - [25] EN
 - [54] LEAFLET FRAME ATTACHMENT FOR PROSTHETIC VALVES
 - [54] FIXATION DE CADRE DE FEUILLET POUR VALVES PROTHETIQUES
 - [72] ARCARO, DAVID J., US
 - [72] PROBERT, STEPHEN M., US
 - [72] DIENNO, DUSTIN V., US
 - [72] HARTMAN, CODY L., US
 - [73] W. L. GORE & ASSOCIATES, INC., US
 - [85] 2020-01-24
 - [86] 2018-09-12 (PCT/US2018/050764)
 - [87] (WO2019/055577)
 - [30] US (62/557,586) 2017-09-12
 - [30] US (62/564,031) 2017-09-27
 - [30] US (16/129,651) 2018-09-12
-

[11] 3,071,699
[13] C

- [51] Int.Cl. A61B 5/349 (2021.01) G16H 50/20 (2018.01) A61B 5/318 (2021.01) A61B 5/352 (2021.01) A61B 5/364 (2021.01) G06N 3/02 (2006.01)
- [25] EN
- [54] DETECTION OF ELECTROCARDIOGRAPHIC SIGNAL
- [54] DETECTION DE SIGNAL D'ELECTROCARDIOGRAMME
- [72] WANG, KONGQIAO, CN
- [72] ZHAO, WEI, CN
- [72] LI, YAZHAO, CN
- [72] LI, XIAO, CN
- [73] ANHUI HUAMI INFORMATION TECHNOLOGY CO., LTD., CN
- [85] 2020-01-31
- [86] 2018-08-01 (PCT/CN2018/097917)
- [87] (WO2019/024861)
- [30] CN (201710656849.8) 2017-08-03

**Canadian Patents Issued
February 28, 2023**

[11] 3,072,232

[13] C

- [51] Int.Cl. B65G 17/06 (2006.01)
 - [25] EN
 - [54] CONVEYOR BELT SPIRAL OVERLAY HAVING INTERMEDIATE LOOPS
 - [54] RECOUVREMENT EN SPIRALE DE COURROIE TRANPORTEUSE AYANT DES BOUCLES INTERMEDIAIRES
 - [72] TRINCH, CHRIS, US
 - [72] LASECKI, JONATHAN R., US
 - [72] BANKS, WILLIAM, US
 - [73] ASHWORTH BROS., INC., US
 - [85] 2020-02-05
 - [86] 2018-09-14 (PCT/US2018/051101)
 - [87] (WO2019/055797)
 - [30] US (15/705,792) 2017-09-15
-

[11] 3,073,575

[13] C

- [51] Int.Cl. H02J 7/00 (2006.01) G05G 1/015 (2009.01) F02N 11/12 (2006.01) G01D 11/28 (2006.01) H02J 1/00 (2006.01)
- [25] EN
- [54] RECHARGEABLE BATTERY JUMP STARTING DEVICE WITH CONTROL SWITCH BACKLIGHT SYSTEM
- [54] DISPOSITIF DE DEMARRAGE DE SECOURS A BATTERIE RECHARGEABLE DOTE D'UN SYSTEME DE RETROECLAIRAGE A COMMUTATEUR DE COMMANDE
- [72] NOOK, JONATHAN LEWIS, US
- [72] NOOK, WILLIAM KNIGHT, US
- [72] STANFIELD, JAMES RICHARD, US
- [72] UNDERHILL, DEREK MICHAEL, US
- [73] THE NOCO COMPANY, US
- [85] 2020-02-20
- [86] 2018-09-05 (PCT/US2018/049548)
- [87] (WO2019/060135)
- [30] US (62/561,850) 2017-09-22
- [30] US (62/561,751) 2017-09-22
- [30] US (62/562,713) 2017-09-25
- [30] US (62/567,479) 2017-10-03
- [30] US (62/568,044) 2017-10-04
- [30] US (62/568,537) 2017-10-05
- [30] US (62/569,355) 2017-10-06
- [30] US (62/569,243) 2017-10-06
- [30] US (62/568,967) 2017-10-06

[11] 3,073,619

[13] C

- [51] Int.Cl. B65D 41/16 (2006.01)
 - [25] EN
 - [54] BOTTLE CAP CAPABLE OF BEING OPENED BY ONE PRESS
 - [54] BOUCHON DE BOUTEILLE POUVANT ETRE OUVERT PAR UNE PRESSION
 - [72] LI, YUEJUN, CN
 - [73] CLOWN FISH SHANGHAI INDUSTRIAL CO., LTD., CN
 - [85] 2020-02-21
 - [86] 2018-08-17 (PCT/CN2018/101074)
 - [87] (WO2019/037663)
 - [30] CN (201710720300.0) 2017-08-21
-

[11] 3,073,853

[13] C

- [51] Int.Cl. F16H 49/00 (2006.01)
 - [25] EN
 - [54] ELECTRIC DRIVE PUMP FOR WELL STIMULATION
 - [54] POMPE A COMMANDE ELECTRIQUE POUR STIMULATION DE PUITS
 - [72] BUCKLEY, CHRIS, US
 - [73] ST9 GAS AND OIL, LLC, US
 - [85] 2020-02-24
 - [86] 2018-09-25 (PCT/US2018/052755)
 - [87] (WO2019/060922)
 - [30] US (62/562,943) 2017-09-25
 - [30] US (62/658,139) 2018-04-16
-

[11] 3,074,785

[13] C

- [51] Int.Cl. E21B 43/24 (2006.01) E21B 43/30 (2006.01) E21B 43/34 (2006.01)
- [25] EN
- [54] SYSTEM AND METHOD FOR STORING DILUTED BITUMEN IN LATE LIFE IN SITU RESERVOIRS
- [54] SYSTEME ET METHODE POUR STOCKER DU BITUME DILUE EN FIN DE VIE DANS LES RESERVOIRS SUR PLACE
- [72] BEENTJES, IVAN, CA
- [72] MCMINN, NEIL ALAN, CA
- [72] GLOVER, ROBERT DANIEL, CA
- [73] SUNCOR ENERGY INC., CA
- [86] (3074785)
- [87] (3074785)
- [22] 2020-03-05

[11] 3,074,841

[13] C

- [51] Int.Cl. G02F 1/1333 (2006.01) F21V 8/00 (2006.01) G02F 1/1335 (2006.01) G02F 1/13357 (2006.01) G02F 1/167 (2019.01)
 - [25] EN
 - [54] SELF-HEALING FLEXIBLE ELECTROPHORETIC DISPLAYS
 - [54] AFFICHAGES ELECTROPHORETIQUES FLEXIBLES AUTOREPARANTS
 - [72] WANG, MING, US
 - [72] HOU, WEIHSIN, US
 - [72] MENON, ANOOP, US
 - [72] SPRAGUE, ROBERT ARTHUR, US
 - [72] MARASON, ERIC GIFFORD, US
 - [72] HUA, YUYAN, US
 - [72] CHENG, SHAN, US
 - [73] AMAZON TECHNOLOGIES, INC., US
 - [85] 2020-03-04
 - [86] 2018-09-11 (PCT/US2018/050429)
 - [87] (WO2019/055398)
 - [30] US (15/707,307) 2017-09-18
-

[11] 3,075,743

[13] C

- [51] Int.Cl. G01N 33/48 (2006.01) C12Q 1/00 (2006.01) G01N 33/483 (2006.01)
- [25] EN
- [54] ADHESIVE-POLYMER CONTAINING MEMBRANES FOR IN VITRO DIAGNOSTIC DEVICES
- [54] MEMBRANES CONTENANT UN POLYMERIQUE ADHESIF DESTINEES A DES DISPOSITIFS DE DIAGNOSTIC IN VITRO
- [72] BENCO, JOHN, US
- [73] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
- [85] 2020-03-12
- [86] 2018-09-13 (PCT/US2018/050834)
- [87] (WO2019/055622)
- [30] US (62/558,543) 2017-09-14

Brevets canadiens délivrés
28 février 2023

[11] 3,076,511

[13] C

[51] Int.Cl. B65G 1/04 (2006.01)

[25] EN

[54] MOVEMENT SYSTEMS AND METHOD FOR PROCESSING OBJECTS INCLUDING MOBILE MATRIX CARRIER SYSTEMS

[54] SYSTEMES DE DEPLACEMENT ET PROCEDES DE TRAITEMENT D'OBJETS COMPRENANT DES SYSTEMES DE SUPPORTS MATRICIELS MOBILES

[72] WAGNER, THOMAS, US

[72] AHEARN, KEVIN, US

[72] AMEND, JOHN RICHARD, US

[72] COHEN, BENJAMIN, US

[72] DAWSON-HAGGERTY, MICHAEL, US

[72] FORT, WILLIAM HARTMAN, US

[72] GEYER, CHRISTOPHER, US

[72] KING, JENNIFER EILEEN, US

[72] KOLETSCHKA, THOMAS, US

[72] KOVAL, MICHAEL CAP, US

[72] MARONEY, KYLE, US

[72] MASON, MATTHEW T., US

[72] MCMAHAN, WILLIAM CHU-HYON, US

[72] PRICE, GENE TEMPLE, US

[72] ROMANO, JOSEPH, US

[72] SMITH, DANIEL, US

[72] SRINIVASA, SIDDHARTH, US

[72] VELAGAPUDI, PRASANNA, US

[72] ALLEN, THOMAS, US

[73] BERKSHIRE GREY OPERATING COMPANY, INC., US

[85] 2020-03-19

[86] 2018-10-26 (PCT/US2018/057770)

[87] (WO2019/084444)

[30] US (62/578,030) 2017-10-27

[30] US (62/641,640) 2018-03-12

[30] US (62/681,409) 2018-06-06

[11] 3,076,533

[13] C

[51] Int.Cl. G05D 1/02 (2020.01) B25J 9/16 (2006.01) G01C 21/00 (2006.01)

[25] EN

[54] MULTI-RESOLUTION SCAN MATCHING WITH EXCLUSION ZONES

[54] MISE EN CORRESPONDANCE A BALAYAGE MULTI-RESOLUTION AVEC ZONES D'EXCLUSION

[72] MOORE, THOMAS, GB

[72] POWERS, BRADLEY, US

[73] LOCUS ROBOTICS CORP., US

[85] 2020-03-19

[86] 2018-09-21 (PCT/US2018/052190)

[87] (WO2019/060700)

[30] US (15/712,222) 2017-09-22

[11] 3,076,570

[13] C

[51] Int.Cl. B66C 11/06 (2006.01) B66C 9/02 (2006.01) B66D 1/36 (2006.01)

[25] EN

[54] HOISTING ARRANGEMENT OF A HOIST OF A CRANE

[54] AGENCEMENT DE LEVAGE D'UN TREUIL D'UNE GRUE

[72] LINDBERG, TEppo, FI

[72] HELKIO, HENRI, FI

[72] LAHTEENMAKI, ATTE, FI

[72] KOKKO, HENRI, FI

[72] LAUKKANEN, NIKO, FI

[73] KONECRANES GLOBAL CORPORATION, FI

[85] 2020-03-20

[86] 2018-09-21 (PCT/FI2018/050685)

[87] (WO2019/058030)

[30] FI (20175847) 2017-09-22

[11] 3,076,785

[13] C

[51] Int.Cl. B65G 17/30 (2006.01) B65G 19/18 (2006.01)

[25] EN

[54] SOUND DAMPENING CONVEYOR CHAIN FLIGHT

[54] RACCORD DE CHAINE DE CONVOYEUR ATTENUANT LE SON

[72] O'NEILL, MICHAEL L., US

[73] JOY GLOBAL UNDERGROUND MINING LLC, US

[86] (3076785)

[87] (3076785)

[22] 2012-08-28

[62] 2,788,189

[30] US (13/220,048) 2011-08-29

[11] 3,077,119

[13] C

[51] Int.Cl. B65G 35/06 (2006.01) B65G 1/04 (2006.01) B65G 1/10 (2006.01) B65G 1/137 (2006.01) B65G 54/02 (2006.01)

[25] EN

[54] TRANSPORTING DEVICE, STORAGE SYSTEM AND METHOD OF RELOCATING A TRANSPORTING DEVICE

[54] DISPOSITIF DE TRANSPORT, SYSTEME DE STOCKAGE, ET PROCEDE DE REPOSITIONNEMENT D'UN DISPOSITIF DE TRANSPORT

[72] INGRAM-TEDD, ANDREW JOHN, GB

[72] SHARP, DAVID, GB

[72] ZAMMIT, JOSEPH, GB

[72] THOMAS, BEN, GB

[72] CLARK, SEAN, GB

[72] DEACON, GRAHAM, GB

[73] OCADO INNOVATION LIMITED, GB

[85] 2020-03-26

[86] 2018-10-03 (PCT/EP2018/076928)

[87] (WO2019/068775)

[30] GB (1716204.1) 2017-10-04

[11] 3,077,172

[13] C

[51] Int.Cl. E21B 43/116 (2006.01) E21B 43/119 (2006.01)

[25] EN

[54] PERFORATING GUN ORIENTING SYSTEM, AND METHOD OF ALIGNING SHOTS IN A PERFORATING GUN ASSEMBLY

[54] SYSTEME D'ORIENTATION DE PERFORATEUR, ET PROCEDE D'ALIGNEMENT DE TIRS DANS UN ENSEMBLE PERFORATEUR

[72] SULLIVAN, SHELBY L., US

[72] HOLMBERG, AARON, US

[73] PERFX WIRELINE SERVICES, LLC, US

[86] (3077172)

[87] (3077172)

[22] 2020-03-30

[30] US (62/827,497) 2019-04-01

[30] US (16/833,114) 2020-03-27

**Canadian Patents Issued
February 28, 2023**

[11] **3,077,604**
[13] C

- [51] Int.Cl. C22B 23/00 (2006.01) C22B 3/08 (2006.01) C22B 3/44 (2006.01) C22B 7/00 (2006.01)
 - [25] EN
 - [54] **METHOD FOR SEPARATING COPPER FROM NICKEL AND COBALT**
 - [54] **PROCEDE DE SEPARATION DE CUIVRE DE NICKEL ET DE COBALTE**
 - [72] HIGAKI, TATSUYA, JP
 - [72] TAKENOUCHI, HIROSHI, JP
 - [72] KOBAYASHI, HIROSHI, JP
 - [72] ASANO, SATOSHI, JP
 - [73] SUMITOMO METAL MINING CO., LTD., JP
 - [85] 2020-03-23
 - [86] 2018-09-11 (PCT/JP2018/033682)
 - [87] (WO2019/082532)
 - [30] JP (2017-204696) 2017-10-23
-

[11] **3,078,496**
[13] C

- [51] Int.Cl. A61F 2/07 (2013.01)
- [25] EN
- [54] **MATCHED STENT COVER**
- [54] **REVETEMENT D'ENDOPROTHESE ADAPTE**
- [72] SILVERMAN, JAMES D., US
- [72] IRWIN, CRAG W., US
- [72] SKELTON, TYSON J., US
- [73] W. L. GORE & ASSOCIATES, INC., US
- [85] 2020-04-03
- [86] 2018-10-09 (PCT/US2018/054915)
- [87] (WO2019/074869)
- [30] US (62/569,805) 2017-10-09

[11] **3,079,006**
[13] C

- [51] Int.Cl. A46B 15/00 (2006.01) A46B 5/00 (2006.01) A61C 17/16 (2006.01) A61C 17/22 (2006.01)
 - [25] EN
 - [54] **PERSONAL HYGIENE DEVICE**
 - [54] **DISPOSITIF D'HYGIENE PERSONNELLE**
 - [72] SCHAEFER, NORBERT, DE
 - [72] FRITSCH, THOMAS, DE
 - [72] KRAMP, ANDREAS, DE
 - [72] LARSCHEID, ANDREAS, DE
 - [72] KUNZ, MARC, DE
 - [72] SCHAFER, ROBERT, DE
 - [73] BRAUN GMBH, DE
 - [85] 2020-04-08
 - [86] 2018-10-31 (PCT/IB2018/058530)
 - [87] (WO2019/087090)
 - [30] EP (17199721.6) 2017-11-02
-

[11] **3,079,010**
[13] C

- [51] Int.Cl. A61K 47/12 (2006.01) A61K 9/08 (2006.01) A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 31/4985 (2006.01) A61K 47/38 (2006.01)
- [25] EN
- [54] **FORMULATIONS COMPRISING 6-(2-HYDROXY-2-METHYLPROPOXY)-4-(6-((6-METHOXYPYRIDIN-3-YL)METHYL)-3,6-DIAZABICYCLO[3.1.1]HEPTAN-3-YL)PYRIDIN-3-YL)PYRAZOLO[1,5-A]PYRIDINE-3-CARBONITRILE**
- [54] **FORMULATIONS COMPRENANT DU 6-(2-HYDROXY-2-METHYLPROPOXY)-4-(6-((6-METHOXYPYRIDIN-3-YL)METHYL)-3,6-DIAZABICYCLO[3.1.1]HEPTAN-3-YL)PYRIDIN-3-YL)PYRAZOLO[1,5-A]PYRIDINE-3-CARBONITRILE**
- [72] REYNOLDS, MARK, US
- [72] EARY, CHARLES TODD, US
- [73] LOXO ONCOLOGY, INC., US
- [85] 2020-04-09
- [86] 2018-10-10 (PCT/US2018/055285)
- [87] (WO2019/075114)
- [30] US (62/570,601) 2017-10-10

[11] **3,079,129**
[13] C

- [51] Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)
 - [25] EN
 - [54] **TRIFAB-CONTORSBODY**
 - [54] **CORPS DE TORSION TRIFAB**
 - [72] BRINKMANN, ULRICH, DE
 - [72] DICKOPF, STEFFEN, DE
 - [72] GEORGES, GUY, DE
 - [72] THOREY, IRMGARD, DE
 - [73] F. HOFFMANN-LA ROCHE AG, CH
 - [85] 2020-04-14
 - [86] 2018-10-30 (PCT/EP2018/079612)
 - [87] (WO2019/086395)
 - [30] US (17199608.5) 2017-11-01
-

[11] **3,079,504**
[13] C

- [51] Int.Cl. B65D 1/46 (2006.01) B65D 1/02 (2006.01)
 - [25] EN
 - [54] **LAMINATED CONTAINER**
 - [54] **RECIPIENT STRATIFIE**
 - [72] KITORA, SHUICHI, JP
 - [72] KAWAMI, TATSUYA, JP
 - [72] YAMAZAKI, ATSUSHIKO, JP
 - [73] YOSHINO KOGYOSHO CO., LTD., JP
 - [85] 2020-04-17
 - [86] 2018-09-11 (PCT/JP2018/033687)
 - [87] (WO2019/082534)
 - [30] JP (2017-208555) 2017-10-27
-

[11] **3,079,858**
[13] C

- [51] Int.Cl. H05K 5/02 (2006.01)
- [25] EN
- [54] **THERMAL ISOLATION OF FLIGHT RECORDER MEMORY CORE**
- [54] **ISOLATION THERMIQUE DE NOYAU DE MEMOIRE D'ENREGISTREUR DE VOL**
- [72] WAGGENER, WILLIAM N., US
- [73] L3 TECHNOLOGIES, INC., US
- [85] 2020-04-21
- [86] 2018-10-26 (PCT/US2018/057829)
- [87] (WO2019/084483)
- [30] US (15/796,588) 2017-10-27

Brevets canadiens délivrés
28 février 2023

[11] 3,079,967

[13] C

[51] Int.Cl. F21V 8/00 (2006.01)

[25] EN

[54] BAR COLLIMATOR, BACKLIGHT SYSTEM AND METHOD

[54] COLLIMATEUR A BARRES, SYSTEME ET PROCEDE DE RETROECLAIRAGE

[72] MA, MING, US

[72] LI, XUEJIAN, US

[72] FATTAL, DAVID A., US

[73] LEIA INC., US

[85] 2020-04-22

[86] 2017-11-18 (PCT/US2017/062439)

[87] (WO2019/099041)

[11] 3,080,978

[13] C

[51] Int.Cl. E04B 1/94 (2006.01) A62C 2/06 (2006.01)

[25] EN

[54] FIRE-RATED JOINT COMPONENT AND WALL ASSEMBLY

[54] COMPOSANT DE JOINT COUPE-FEU ET CLOISON

[72] PILZ, DONALD ANTHONY, US

[72] ELLIOTT, TYLER, US

[73] CEMCO, LLC, US

[86] (3080978)

[87] (3080978)

[22] 2020-05-19

[30] US (62/850,925) 2019-05-21

[30] US (16/534,881) 2019-08-07

[11] 3,080,983

[13] C

[51] Int.Cl. A61K 31/437 (2006.01) A61P 31/14 (2006.01)

[25] EN

[54] METHOD OF INHIBITING AND REDUCING A VIRAL INFECTION

[54] PROCEDE LIMITANT ET REDUISANT UNE INFECTIOIN VIRALE

[72] ALMSTEAD, NEIL, US

[72] ARASU, TAMIL, US

[72] CHOI, SOONGYU, US

[72] CAO, LIANGXIAN, US

[72] CAMPBELL, JEFF, US

[72] CORSON, DON, US

[72] DAVIS, THOMAS, US

[72] GRACI, JASON D., US

[72] GU, ZHENGXIAN, US

[72] HWANG, PETER SEONGWOO, US

[72] LENNOX, WILLIAM, US

[72] MIAO, HARRY H., US

[72] MILLER, LANGDON, US

[72] MOON, YOUNG-CHOON, US

[72] QI, HONGYAN, US

[72] TROTTA, CHRISTOPHER, US

[72] WEETALL, MARLA L., US

[73] PCT THERAPEUTICS, INC., US

[86] (3080983)

[87] (3080983)

[22] 2010-05-27

[62] 2,999,345

[30] US (61/181,653) 2009-05-27

[11] 3,081,371

[13] C

[51] Int.Cl. C07D 413/14 (2006.01) A01N 43/72 (2006.01) A61K 38/15 (2006.01)

A61P 33/00 (2006.01) C07D 413/10

(2006.01) C07D 417/14 (2006.01)

C07D 471/04 (2006.01) C07D 487/04

(2006.01) C07D 491/052 (2006.01)

C07D 498/04 (2006.01) C07D 513/04

(2006.01) C07K 11/02 (2006.01)

[25] EN

[54] ENDOPARASITIC DEPSIPEPTIDES

[54] DEPSIPEPTIDES ENDOPARASITAIRE

[72] CURTIS, MICHAEL P., US

[72] SHEEHAN, SUSAN M., US

[72] KYNE, GRAHAM M., US

[72] BEDORE, MATTHEW W., US

[72] EWIN, RICHARD A., US

[72] JOHNSON, PAUL D., US

[72] MCTIER, TOM L., US

[72] KNAUER, CHRISTOPHER S., US

[72] VAIRAGOUNDAR, RAJENDRAN, US

[73] ZOETIS SERVICES LLC, US

[85] 2020-04-30

[86] 2018-11-28 (PCT/US2018/062749)

[87] (WO2019/108591)

[30] US (62/591,942) 2017-11-29

[11] 3,081,747

[13] C

[51] Int.Cl. F02D 29/04 (2006.01) B23K 9/32 (2006.01) F02B 63/06 (2006.01)

F04B 35/00 (2006.01) F04B 49/08

(2006.01) F04B 49/22 (2006.01) F04C 28/06 (2006.01)

[25] EN

[54] METHODS AND SYSTEMS FOR AIR COMPRESSOR AND ENGINE DRIVEN CONTROL

[54] PROCEDES ET SYSTEMES POUR COMPRESSEUR D'AIR ET COMMANDE ENTRAINEE PAR MOTEUR

[72] JOCHMAN, NATHAN, US

[73] ILLINOIS TOOL WORKS INC., US

[85] 2020-05-04

[86] 2018-11-13 (PCT/US2018/060713)

[87] (WO2019/094922)

[30] US (15/810,824) 2017-11-13

Canadian Patents Issued
February 28, 2023

[11] **3,081,865**
[13] C

- [51] Int.Cl. B28B 7/36 (2006.01) E21B 10/02 (2006.01) E21B 17/02 (2006.01) E21B 17/046 (2006.01) E21B 17/10 (2006.01)
[25] EN
[54] **DOWNHOLE TOOL WITH BOTTOM COMPOSITE SLIP**
[54] **OUTIL DE FOND DE TROU A COIN DE RETENUE INFERIEUR COMPOSITE**
[72] DAVIES, EVAN LLOYD, US
[72] XIA, YI, US
[72] AVILA, LUIS MIGUEL, US
[72] HUGHES, DAVID, US
[72] SLUP, GABRIEL, US
[72] DIAZ, ASHTON E., US
[73] THE WELLBOSS COMPANY, LLC, US
[85] 2020-05-05
[86] 2018-08-21 (PCT/US2018/047282)
[87] (WO2019/199345)
[30] US (62/656,897) 2018-04-12
[30] US (62/690,445) 2018-06-27
-

[11] **3,082,063**
[13] C

- [51] Int.Cl. C22C 38/06 (2006.01) C21D 8/02 (2006.01) C22C 38/04 (2006.01)
[25] EN
[54] **COLD ROLLED AND HEAT TREATED STEEL SHEET, METHOD OF PRODUCTION THEREOF AND USE OF SUCH STEEL TO PRODUCE VEHICLE PARTS**
[54] **TOLE D'ACIER LAMINEE A FROID ET TRAITEE THERMIQUEMENT, SON PROCEDE DE PRODUCTION ET UTILISATION D'UN TEL ACIER POUR PRODUIRE DES PIECES DE VEHICULE**
[72] BARGES, PATRICK, FR
[72] ZUAZO RODRIGUEZ, IAN ALBERTO, FR
[73] ARCELORMITTAL, LU
[85] 2020-05-07
[86] 2018-12-18 (PCT/IB2018/060241)
[87] (WO2019/123239)
[30] IB (PCT/IB2017/058120) 2017-12-19

[11] **3,082,200**
[13] C

- [51] Int.Cl. A61K 9/00 (2006.01) A61K 31/00 (2006.01)
[25] EN
[54] **WATER-SOLUBLE POLYMER ADHESIVE LAYERS**
[54] **COUCHES ADHESIVES POLYMERES HYDROSOLUBLES**
[72] LINN, MICHAEL, DE
[72] MULLER, MARKUS, DE
[72] BAUER, MARIUS, DE
[73] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2020-05-07
[86] 2018-11-21 (PCT/EP2018/082091)
[87] (WO2019/101798)
[30] DE (10 2017 127 452.9) 2017-11-21
-

[11] **3,082,287**
[13] C

- [51] Int.Cl. A61K 31/4725 (2006.01) A61K 33/243 (2019.01) A61K 31/194 (2006.01) A61P 35/00 (2006.01)
[25] EN
[54] **EZH2 INHIBITOR COMBINATION THERAPIES**
[54] **POLYTHERAPIES FAISANT APPEL A UN INHIBITEUR DE EZH2**
[72] KRAUS, MANFRED, US
[72] KUNG, PEI-PEI, US
[72] PAUL, THOMAS ANDREW, US
[72] SHARMA, SHIKHAR, US
[72] VERHELLE, DOMINIQUE, US
[73] PFIZER INC., US
[85] 2020-05-11
[86] 2018-11-09 (PCT/IB2018/058795)
[87] (WO2019/097369)
[30] US (62/585,781) 2017-11-14
[30] US (62/628,314) 2018-02-09
[30] US (62/684,832) 2018-06-14
[30] US (62/739,990) 2018-10-02

[11] **3,082,719**
[13] C

- [51] Int.Cl. H04W 56/00 (2009.01)
[25] EN
[54] **TIME SYNCHRONIZATION METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE SYNCHRONISATION TEMPORELLE**
[72] YU, FENG, CN
[72] YU, HAIFENG, CN
[72] LIN, BO, CN
[72] YU, GUANGWEI, CN
[72] GAO, FENG, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2020-05-14
[86] 2018-02-13 (PCT/CN2018/076780)
[87] (WO2019/095575)
[30] CN (PCT/CN2017/111470) 2017-11-16
-

[11] **3,082,924**
[13] C

- [51] Int.Cl. H02G 1/02 (2006.01) B61B 3/02 (2006.01) B61B 7/06 (2006.01) B61C 13/06 (2006.01)
[25] FR
[54] **VEHICLE INTENDED FOR AN ELECTRICAL LINE**
[54] **VEHICULE DESTINE A UNE LIGNE ELECTRIQUE**
[72] RICHARD, PIERRE-LUC, CA
[72] MORIN, FRANCOIS, CA
[72] POULIOT, NICOLAS, CA
[73] HYDRO-QUEBEC, CA
[85] 2020-05-14
[86] 2018-11-16 (PCT/CA2018/051462)
[87] (WO2019/095071)

**Brevets canadiens délivrés
28 février 2023**

[11] 3,083,721
[13] C

- [51] Int.Cl. E21B 7/06 (2006.01) E21B 23/12 (2006.01)
 [25] EN
[54] STEERING PAD OVEREXTENSION PREVENTION FOR ROTARY STEERABLE SYSTEM
[54] PREVENTION DE SUREXTENSION DE PATIN DE DIRECTION POUR SYSTEME ORIENTABLE ROTATIF
 [72] DOUD, BRIAN LEE, US
 [72] DEOLALIKAR, NEELESH V., US
 [73] HALLIBURTON ENERGY SERVICES, INC., US
 [85] 2020-05-27
 [86] 2018-03-02 (PCT/US2018/020783)
 [87] (WO2019/133034)
 [30] US (62/612,173) 2017-12-29

[11] 3,083,731
[13] C

- [51] Int.Cl. G01D 21/02 (2006.01) G01J 3/45 (2006.01) G01L 19/00 (2006.01)
 [25] EN
[54] MULTI-CAVITY ALL-GLASS INTERFEROMETRIC SENSOR FOR MEASURING HIGH PRESSURE AND TEMPERATURE
[54] CAPTEUR INTERFEROMETRIQUE ENTIEREMENT EN VERRE A CAVITES MULTIPLES POUR MESURER UNE PRESSION ET UNE TEMPERATURE ELEVEES
 [72] PROVENZANO, DAN RAYMOND, US
 [73] BAKER HUGHES HOLDINGS LLC, US
 [85] 2020-05-27
 [86] 2018-10-15 (PCT/US2018/055815)
 [87] (WO2019/094148)
 [30] US (62/584,393) 2017-11-10

[11] 3,084,139
[13] C

- [51] Int.Cl. A61K 31/357 (2006.01) A23L 33/10 (2016.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01)
 [25] EN
[54] COMPOSITION FOR PREVENTING OR TREATING NEURODEGENERATIVE DISEASES, CONTAINING DITERPENE-BASED COMPOUND
[54] COMPOSITION DESTINEE A PREVENIR OU A TRAITER DES MALADIES NEURODEGENERATIVES, CONTENANT UN COMPOSE A BASE DE DITERPENE
 [72] KIM, WON GON, KR
 [72] HAN, BAEK SOO, KR
 [72] BYUN, JEONG SU, KR
 [72] NGUYEN, VAN MINH, KR
 [72] CHOI, HA YOUNG, KR
 [73] KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY, KR
 [85] 2020-06-01
 [86] 2018-11-15 (PCT/KR2018/013990)
 [87] (WO2019/098699)
 [30] KR (10-2017-0152487) 2017-11-15
 [30] KR (10-2017-0153861) 2017-11-17

[11] 3,084,162
[13] C

- [51] Int.Cl. A01L 15/00 (2006.01) A01L 3/00 (2006.01)
 [25] EN
[54] HOOF CARE KITS AND METHODS OF MAKING AND USING THE SAME
[54] KITS DE SOINS DES SABOTS ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION
 [72] STEWARD, JOHN BRIAN, US
 [72] BRYSON, TANNER ELDON, US
 [73] EASTERN TECHNOLOGIES, INC., US
 [85] 2020-06-01
 [86] 2018-12-03 (PCT/US2018/063568)
 [87] (WO2019/112936)
 [30] US (62/594,220) 2017-12-04

[11] 3,084,502
[13] C

- [51] Int.Cl. A01G 9/00 (2018.01)
 [25] EN
[54] INSTALLATION FOR HANGING CULTIVATION SYSTEMS
[54] INSTALLATION POUR LE SYSTEME DE CULTURE EN SUSPENSION
 [72] BELMONTE MULA, MANUELA, ES
 [73] NEW GROWING SYSTEMS, S.L., ES
 [85] 2020-04-23
 [86] 2017-11-23 (PCT/ES2017/000147)
 [87] (WO2019/102045)

[11] 3,084,920
[13] C

- [51] Int.Cl. C12Q 1/6806 (2018.01) C12N 15/10 (2006.01) G01N 1/34 (2006.01)
 [25] EN
[54] METHODS FOR ISOLATING MICROVESICLES AND EXTRACTING NUCLEIC ACIDS FROM BIOLOGICAL SAMPLES
[54] PROCEDES POUR ISOLER DES MICROVESICULES ET EXTRAIRE DES ACIDES NUCLEIQUES A PARTIR D'ECHANTILLONS BIOLOGIQUES
 [72] SKOG, JOHAN KARL OLOV, US
 [72] ENDERLE, DANIEL, US
 [72] RAMACHANDRAN, APARNA, US
 [72] YAN, HAOHENG, US
 [72] BERGHOFF, EMILY, US
 [72] WEI, TAI-FEN, US
 [72] NOERHOLM, MIKKEL, US
 [73] EXOSOME DIAGNOSTICS, INC., US
 [86] (3084920)
 [87] (3084920)
 [22] 2015-07-09
 [62] 2,954,576
 [30] US (62/022,538) 2014-07-09
 [30] US (62/079,763) 2014-11-14
 [30] US (62/166,890) 2015-05-27

Canadian Patents Issued
February 28, 2023

[11] **3,084,931**

[13] C

- [51] Int.Cl. H04L 27/38 (2006.01) H04H
60/11 (2009.01) H03M 13/11 (2006.01)
H03M 13/27 (2006.01) H04L 1/22
(2006.01)
 - [25] EN
 - [54] RECEIVING APPARATUS AND RECEIVING METHOD
 - [54] APPAREIL ET METHODE DE RECEPTION
 - [72] MYUNG, SE-HO, KR
 - [72] KIM, KYUNG-JOONG, KR
 - [72] JEONG, HONG-SIL, KR
 - [73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (3084931)
 - [87] (3084931)
 - [22] 2016-02-25
 - [62] 2,975,992
 - [30] US (62/120,560) 2015-02-25
 - [30] KR (10-2015-0137180) 2015-09-27
-

[11] **3,085,251**

[13] C

- [51] Int.Cl. B62D 65/06 (2006.01) B60J
5/00 (2006.01)
- [25] EN
- [54] AFTERMARKET DOOR ASSEMBLY FOR EXTENDED SEMI-TRUCK CAB
- [54] ENSEMBLE DE PORTE DE RECHANGE POUR CABINE ALLONGEE DE SEMI-REMORQUE
- [72] RAMSEY, JACK DYLAN, US
- [73] FONTAINE MODIFICATION COMPANY, US
[86] (3085251)
- [87] (3085251)
- [22] 2020-07-02
- [30] US (62/886,099) 2019-08-13
- [30] US (16/898,649) 2020-06-11

[11] **3,085,727**

[13] C

- [51] Int.Cl. F24F 1/031 (2019.01)
- [25] EN
- [54] POSITIONING MEMBERS FOR WINDOW AIR CONDITIONER
- [54] ELEMENTS DE POSITIONNEMENT POUR UN CLIMATISEUR DE FENETRE
- [72] ZHANG, KANGWEN, CN
- [72] XING, ZHIGANG, CN
- [72] LEI, ZHISHENG, CN
- [72] LIU, YU, CN
- [72] YU, HUI, CN
- [72] TANG, YUHANG, CN
- [72] SHEN, WENJUN, CN
- [72] ZHAO, ALI, CN
- [73] GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD., CN
- [73] MIDEA GROUP CO., LTD., CN
- [85] 2020-07-03
- [86] 2020-03-04 (PCT/CN2020/077785)
- [87] (WO2021/138987)
- [30] CN (202010020564.7) 2020-01-08
- [30] CN (202020037886.8) 2020-01-08

[11] **3,086,461**

[13] C

- [51] Int.Cl. C23C 22/34 (2006.01) C22C
19/05 (2006.01) C22C 38/00 (2006.01)
C22C 38/58 (2006.01) C23C 22/78
(2006.01)
 - [25] EN
 - [54] AUSTENITIC HEAT RESISTANT ALLOY AND METHOD FOR PRODUCING SAME, AND AUSTENITIC HEAT-RESISTANT ALLOY MATERIAL
 - [54] ALLIAGE AUSTENITIQUE REFRACTAIRE, METHODE DE FABRICATION ET MATERIAU D'ALLIAGE AUSTENITIQUE REFRACTAIRE
 - [72] NISHIMOTO, TAKUMI, JP
 - [72] NISHIYAMA, YOSHITAKA, JP
 - [73] NIPPON STEEL CORPORATION, JP
 - [85] 2020-06-19
 - [86] 2019-01-08 (PCT/JP2019/000164)
 - [87] (WO2019/138987)
 - [30] JP (2018-001711) 2018-01-10
-

[11] **3,086,801**

[13] C

- [51] Int.Cl. H04W 72/40 (2023.01)
- [25] EN
- [54] METHOD AND DEVICE FOR DATA TRANSMISSION IN WIRELESS COMMUNICATION SYSTEM, AND COMPUTER STORAGE MEDIUM
- [54] METHODE ET DISPOSITIF DE TRANSMISSION DE DONNEES DANS UN SYSTEME DE COMMUNICATION SANS FIL ET SUPPORT DE STOCKAGE INFORMATIQUE
- [72] TANG, HAI, CN
- [72] LIN, HUEI-MING, AU
- [73] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2020-06-23
- [86] 2018-10-23 (PCT/CN2018/111512)
- [87] (WO2019/128418)
- [30] CN (PCT/CN2017/119135) 2017-12-27
- [30] CN (PCT/CN2018/100576) 2018-08-15
- [30] CN (PCT/CN2018/101383) 2018-08-20

**Brevets canadiens délivrés
28 février 2023**

[11] 3,087,700
[13] C

- [51] Int.Cl. B23K 26/18 (2006.01) C08K 3/01 (2018.01) C09D 7/61 (2018.01) B25H 7/00 (2006.01) B41M 5/28 (2006.01) C08K 3/10 (2018.01) C08K 3/14 (2006.01) C08K 3/28 (2006.01) C08K 3/34 (2006.01)
- [25] EN
- [54] CARBIDE, NITRIDE AND SILICIDE ENHancers FOR LASER ABSORPTION
- [54] AMPLIFICATEURS DE CARBURE, NITRURE ET SILICIURE POUR ABSORPTION LASER
- [72] SARVER, JOSEPH E., US
- [72] KARPA, NICHOLAS M., US
- [72] GILMORE, DENNIS R., US
- [72] SAKOSKE, GEORGE E., US
- [73] FERRO CORPORATION, US
- [85] 2020-07-03
- [86] 2019-01-07 (PCT/US2019/012454)
- [87] (WO2019/147407)
- [30] US (15/877,427) 2018-01-23
-

[11] 3,087,988
[13] C

- [51] Int.Cl. C21D 8/02 (2006.01) B21B 3/00 (2006.01) B21C 37/08 (2006.01) C22C 38/00 (2006.01) C22C 38/58 (2006.01)
- [25] EN
- [54] STEEL MATERIAL FOR LINE PIPES, METHOD FOR PRODUCING THE SAME, AND METHOD FOR PRODUCING LINE PIPE
- [54] MATERIAU D'ACIER POUR TUBE DE CONDUITE AINSI QUE PROCEDE DE FABRICATION DE L'INVENTION DE CELUI-CI, ET PROCEDE DE FABRICATION DE TUBE DE CONDUITE
- [72] YASUDA, KYONO, JP
- [72] YOKOTA, TOMOYUKI, JP
- [72] TANIZAWA, AKIHIKO, JP
- [72] MURAOKA, RYUJI, JP
- [72] HASE, KAZUKUNI, JP
- [73] JFE STEEL CORPORATION, JP
- [85] 2020-07-08
- [86] 2019-01-22 (PCT/JP2019/001854)
- [87] (WO2019/151046)
- [30] JP (2018-013320) 2018-01-30
-

[11] 3,088,022
[13] C

- [51] Int.Cl. A61M 60/122 (2021.01) A61M 60/148 (2021.01) A61M 60/205 (2021.01) A61M 60/422 (2021.01) A61M 60/50 (2021.01) A61M 60/818 (2021.01) A61M 60/82 (2021.01) A61M 60/824 (2021.01) A61M 1/36 (2006.01)
- [25] EN
- [54] BLOOD PUMP SYSTEMS AND METHODS
- [54] SYSTEMES ET PROCEDES DE POMPE A SANG
- [72] FRANANO, F. NICHOLAS, US
- [72] LOREE, HOWARD M., II, US
- [72] TANSLEY, GEOFF, US
- [72] WOODARD, STEVE, US
- [72] HUTTO, BARRETT, US
- [73] ARTIO MEDICAL, INC., US
- [86] (3088022)
- [87] (3088022)
- [22] 2013-08-15
- [62] 2,880,279
- [30] US (PCT/US2012/050983) 2012-08-15
- [30] US (PCT/US2012/050978) 2012-08-15
- [30] US (61/684,534) 2012-08-17
-

[11] 3,088,650
[13] C

- [51] Int.Cl. G06N 10/60 (2022.01) G06N 10/40 (2022.01)
- [25] EN
- [54] CLASSIFICATION USING QUANTUM NEURAL NETWORKS
- [54] CLASSIFICATION UTILISANT DES RESEAUX NEURONAUX QUANTIQUES
- [72] FARHI, EDWARD HENRY, US
- [72] NEVEN, HARTMUT, US
- [73] GOOGLE LLC, US
- [85] 2020-07-15
- [86] 2019-01-16 (PCT/US2019/013792)
- [87] (WO2019/143680)
- [30] US (62/618,935) 2018-01-18
-

[11] 3,089,099
[13] C

- [51] Int.Cl. G01V 3/28 (2006.01) E21B 47/01 (2012.01) H01Q 1/22 (2006.01)
- [25] EN
- [54] PARALLEL COIL PATHS FOR DOWNHOLE ANTENNAS
- [54] PARCOURS DE BOBINE PARALLELES POUR ANTENNES DE FOND DE TROU
- [72] KOROVIN, ALEXEI, US
- [72] PRAKASH, ANAND, US
- [73] HALLIBURTON ENERGY SERVICES, INC., US
- [85] 2020-07-20
- [86] 2018-06-14 (PCT/US2018/037601)
- [87] (WO2019/168555)
- [30] US (62/637,554) 2018-03-02
-

[11] 3,089,191
[13] C

- [51] Int.Cl. F04B 9/133 (2006.01) F04B 27/02 (2006.01) F04B 53/02 (2006.01) F04B 53/14 (2006.01) F04B 53/22 (2006.01)
- [25] EN
- [54] COMPRESSOR AND METHOD FOR COMPRESSING A WORKING MEDIUM
- [54] COMPRESSEUR ET PROCEDE POUR COMPRIMER UN FLUIDE DE TRAVAIL
- [72] ADLER, ROBERT, AT
- [72] FAHRTHOFER, GEORG, AT
- [72] GRUBER, SARAH, AT
- [72] NAGL, CHRISTOPH, AT
- [72] RASCH, MARKUS, AT
- [72] STEPHAN, MARKUS, AT
- [72] WILLIG, HENNING, DE
- [72] HIMMELSTEIN, RENE, DE
- [73] MAXIMATOR GMBH, DE
- [85] 2020-07-21
- [86] 2019-01-23 (PCT/EP2019/051624)
- [87] (WO2019/145357)
- [30] EP (18152932.2) 2018-01-23

Canadian Patents Issued
February 28, 2023

[11] 3,089,251

[13] C

- [51] Int.Cl. A24F 40/44 (2020.01) A24F 40/10 (2020.01) A24F 40/40 (2020.01)
 [25] EN
 [54] VAPOUR PROVISION APPARATUS AND SYSTEMS
 [54] APPAREIL ET SYSTEMES GENERATEURS DE VAPEUR
 [72] POTTER, MARK, GB
 [72] TIPTON, WADE, GB
 [72] HARRIS, WILLIAM, GB
 [72] ROWE, CHRISTOPHER, GB
 [72] DAVIES, JAMES, GB
 [72] BOONZAIER, JAMES, GB
 [72] DEVINE, CONOR, GB
 [73] NICVENTURES TRADING LIMITED, GB
 [85] 2020-07-21
 [86] 2019-01-08 (PCT/GB2019/050037)
 [87] (WO2019/145672)
 [30] GB (1801143.7) 2018-01-24
-

[11] 3,089,905

[13] C

- [51] Int.Cl. B62D 35/00 (2006.01) B62D 25/18 (2006.01) B62D 53/06 (2006.01)
 [25] EN
 [54] TRAILER FAIRING AND SYSTEM FOR IMPROVED AERODYNAMIC PERFORMANCE
 [54] CARENAGE DE REMORQUE ET SYSTEME POUR DES PERFORMANCES AERODYNAMIQUES AMELIOREES
 [72] BRADLEY, CALVIN RHETT, US
 [73] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
 [85] 2020-07-28
 [86] 2019-03-01 (PCT/US2019/020370)
 [87] (WO2019/169311)
 [30] US (PCT/US18/20730) 2018-03-02
-

[11] 3,089,936

[13] C

- [51] Int.Cl. C07D 403/12 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61P 25/00 (2006.01) C07D 403/14 (2006.01) C07D 407/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 487/10 (2006.01)
 [25] EN
 [54] SUBSTITUTED QUINAZOLINE AND PYRIDOPYRIMIDINE DERIVATIVES USEFUL AS ANTICANCER AGENTS
 [54] DERIVES DE QUINAZOLINE ET DE PYRIDOPYRIMIDINE SUBSTITUES UTILES EN TANT QU'AGENTS ANTICANCERUEUX
-

- [72] BROOUN, ALEXEI, US
 [72] CHEN, PING, US
 [72] CHENG, HENGMIAO, US
 [72] COLLINS, MICHAEL RAYMOND, US
 [72] LINTON, MARIA ANGELICA, US
 [72] MADERNA, ANDREAS, US
 [72] NAGATA, ASAKO, US
 [72] PALMER, CYNTHIA, US
 [72] PLANKEN, SIMON, US
 [72] SPANGLER, JILLIAN ELYSE, US
 [73] PFIZER INC., US
 [85] 2020-07-29
 [86] 2019-01-31 (PCT/IB2019/050795)
 [87] (WO2019/150305)
 [30] US (62/624,829) 2018-02-01
 [30] US (62/685,383) 2018-06-15
 [30] US (62/795,062) 2019-01-22
-

[11] 3,090,266

[13] C

- [51] Int.Cl. B41F 17/00 (2006.01) B41F 17/18 (2006.01) B41F 17/28 (2006.01)
 [25] EN
 [54] METHOD AND APPARATUS OF DECORATING A METALLIC CONTAINER BY DIGITAL PRINTING TO A TRANSFER BLANKET
 [54] PROCEDE ET APPAREIL DE DECORATION D'UN RECIPIENT METALLIQUE PAR IMPRESSION NUMERIQUE SUR BLANCHET DE TRANSFERT
 [72] STOWITTS, ADAM P.S., US
 [73] BALL CORPORATION, US
 [85] 2020-08-01
 [86] 2019-02-08 (PCT/US2019/017301)
 [87] (WO2019/157346)
 [30] US (15/893,364) 2018-02-09
-

[11] 3,090,666

[13] C

- [51] Int.Cl. B29C 49/12 (2006.01) B01J 3/04 (2006.01)
 [25] EN
 [54] BIAXIALLY ORIENTED BLOW-MOLDED PRESSURE VESSELS
 [54] RECIPIENTS SOUS PRESSION MOULES PAR SOUFFLAGE A ORIENTATION BIAXIALE
 [72] HORNER, DOUGLAS M., US
 [73] ENPRESS LLC, US
 [85] 2020-08-06
 [86] 2019-02-05 (PCT/US2019/016578)
 [87] (WO2019/156943)
 [30] US (62/627,235) 2018-02-07
-

[11] 3,091,346

[13] C

- [51] Int.Cl. G06N 10/40 (2022.01) H03H 2/00 (2006.01) H03K 17/92 (2006.01) H03K 19/16 (2006.01) H03K 19/195 (2006.01)
 [25] EN
 [54] ROBUST TUNABLE COUPLING BETWEEN SUPERCONDUCTIVE CIRCUITS
 [54] COUPLAGE ACCORDABLE ROBURSTE ENTRE CIRCUITS SUPRACONDUCTEURS
 [72] EPSTEIN, RYAN J., US
 [72] CLARKE, DAVID JAMES, US
 [72] MARAKOV, ALEXANDER, US
 [72] BOYD, GREGORY R., US
 [72] PRZYBYSZ, ANTHONY JOSEPH, US
 [72] STRAND, JOEL D., US
 [72] FERGUSON, DAVID GEORGE, US
 [73] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
 [85] 2020-08-14
 [86] 2019-02-19 (PCT/US2019/018497)
 [87] (WO2019/168708)
 [30] US (15/910,254) 2018-03-02

Brevets canadiens délivrés
28 février 2023

[11] 3,091,397

[13] C

- [51] Int.Cl. H10K 71/00 (2023.01) H01L 33/10 (2010.01) H10K 50/81 (2023.01) H10K 50/82 (2023.01) H10K 50/852 (2023.01) H10K 71/60 (2023.01)
- [25] EN
- [54] OLED MICROCAVITY DESIGN AND OPTIMIZATION METHOD
- [54] CONCEPTION DE MICROCAVITE OLED ET PROCEDE D'OPTIMISATION
- [72] CAMPBELL, JENNIFER, CA
- [72] CHENG, JIAQI, CA
- [72] PECKHAM, JORDAN, CA
- [73] AVALON HOLOGRAPHICS INC., CA
- [85] 2020-08-17
- [86] 2018-07-11 (PCT/CA2018/050843)
- [87] (WO2019/165536)
- [30] US (15/909,968) 2018-03-01
-

[11] 3,091,538

[13] C

- [51] Int.Cl. F41A 3/66 (2006.01) F41C 23/18 (2006.01)
- [25] EN
- [54] WEAPON HOUSING AND METHOD OF MAKING A WEAPON HOUSING
- [54] LOGEMENT D'ARME ET METHODE DE FABRICATION
- [72] BLACHE, ANDREAS, DE
- [72] SCHMEEES, HEINER, DE
- [73] RHEINMETALL WAFFE MUNITION GMBH, DE
- [85] 2020-08-18
- [86] 2019-03-14 (PCT/EP2019/056405)
- [87] (WO2019/206514)
- [30] DE (20 2018 102 366.7) 2018-04-27
-

[11] 3,091,617

[13] C

- [51] Int.Cl. A61F 2/02 (2006.01) A61L 27/06 (2006.01)
- [25] EN
- [54] SELF-FIXING MESH IMPLANT BASED ON TITANIUM THREAD AND BIORESORBABLE POLYMERS
- [54] ENDOPROTHESE MAILLEE A FIXATION AUTONOME A BASE D'UN FIL DE TITANE ET DE POLYMERES BIORESORBABLES
- [72] KAZANTSEV, ANTON ANATOLEVICH, RU
- [72] YUSUPOV, AJRAT AUHATOVICH, RU
- [72] ALEHIN, ALEXANDR IVANOVICH, RU
- [72] ZAVARUEV, VLADIMIR ANDREEVICH, RU
- [73] TITANIUM TEXTILES AG, DE
- [85] 2020-08-18
- [86] 2018-01-31 (PCT/RU2018/000049)
- [87] (WO2019/151886)
-

[11] 3,091,619

[13] C

- [51] Int.Cl. A61L 17/06 (2006.01) A61L 17/00 (2006.01) A61L 17/04 (2006.01)
- [25] EN
- [54] COMPOSITE SURGICAL SUTURE MATERIAL BASED ON POLYFILAMENT TITANIUM THREAD AND BIORESORBABLE POLYMERS
- [54] MATERIAU CHIRURGICAL COMPOSITE POUR SUTURES A BASE D'UN FIL DE TITANE A FILAMENTS MULTIPLES ET DE POLYMERES BIORESORBABLES
- [72] KAZANTSEV, ANTON ANATOLEVICH, RU
- [72] YUSUPOV, AJRAT AUHATOVICH, RU
- [73] TITANIUM TEXTILES AG, DE
- [85] 2020-08-18
- [86] 2018-01-31 (PCT/RU2018/000050)
- [87] (WO2019/151887)
-

[11] 3,091,670

[13] C

- [51] Int.Cl. C07D 403/04 (2006.01) A61K 47/68 (2017.01) A61K 9/127 (2006.01) A61K 31/501 (2006.01) A61K 31/506 (2006.01) A61K 31/517 (2006.01) A61K 31/536 (2006.01) A61K 31/5365 (2006.01) A61P 35/00 (2006.01) C07D 401/14 (2006.01) C07D 403/14 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01) C07D 471/04 (2006.01) C07D 498/04 (2006.01)
- [25] EN
- [54] 6(1H-IMIDAZOLYL)PYRIDAZINE COMPOUNDS AS AGONISTS OF STIMULATOR OF INTERFERON GENES STING
- [54] COMPOSES DE 6(1H-IMIDAZOLYL)PYRIDAZINE COMME AGONISTES DE GENES DE STIMULATION D'INTERFERON (STING)
- [72] LAIRSON, LUKE L., US
- [72] CHIN, EMILY N., US
- [72] CHATTERJEE, ARNAB, US
- [72] KUMAR, MANOJ, US
- [72] ALBERO, ANA MARIA GAMO, US
- [72] PETRASSI, MIKE, US
- [72] SCHULTZ, PETER, US
- [72] YU, CHENGUANG, US
- [72] TAMIYA, JUNKO, US
- [72] VERNIER, WILLIAM, US
- [72] GUPTA, ANIL, US
- [72] MODUKURI, RAMKUMAR, US
- [73] THE SCRIPPS RESEARCH INSTITUTE, US
- [85] 2020-08-18
- [86] 2019-02-21 (PCT/US2019/018899)
- [87] (WO2019/165032)
- [30] US (62/633,409) 2018-02-21

Canadian Patents Issued
February 28, 2023

[11] 3,091,692
[13] C

- [51] Int.Cl. G02F 1/167 (2019.01) G02F 1/1675 (2019.01) G02F 1/1333 (2006.01)
 - [25] EN
 - [54] PIEZO ELECTROPHORETIC DISPLAY
 - [54] AFFICHAGE ELECTROPHORETIQUE PIEZOELECTRIQUE
 - [72] GU, HAIYAN, US
 - [72] ZANG, HONGMEI, US
 - [72] LIN, CRAIG, US
 - [72] BERHANE, ABRAHAM, US
 - [73] E INK CALIFORNIA, LLC, US
 - [85] 2020-08-18
 - [86] 2019-05-17 (PCT/US2019/032805)
 - [87] (WO2019/222587)
 - [30] US (62/673,092) 2018-05-17
 - [30] US (62/727,033) 2018-09-05
-

[11] 3,091,753
[13] C

- [51] Int.Cl. A01B 71/06 (2006.01)
 - [25] EN
 - [54] TRACTOR PTO QUICK-CONNECT DEVICE AND METHOD OF USE
 - [54] DISPOSITIF DE CONNEXION RAPIDE DE PRISE DE FORCE DE TRACTEUR ET SON PROCEDE D'UTILISATION
 - [72] SPECTOR, KENNETH, US
 - [73] PTO SOLUTIONS, LLC, US
 - [85] 2020-08-19
 - [86] 2018-03-02 (PCT/US2018/020653)
 - [87] (WO2018/160958)
 - [30] US (62/466,359) 2017-03-02
 - [30] US (15/783,887) 2017-10-13
 - [30] US (PCT/US2018/018603) 2018-02-19
-

[11] 3,091,824
[13] C

- [51] Int.Cl. E21B 43/114 (2006.01) E21B 43/117 (2006.01) E21B 43/119 (2006.01) E21B 47/024 (2006.01) E21B 47/09 (2012.01) G01V 3/28 (2006.01)
 - [25] EN
 - [54] AUTONOMOUS TOOL
 - [54] OUTIL AUTONOME
 - [72] MCBRIDE, GENE, US
 - [72] HOHMANN, GARRETT M., US
 - [72] DOBSKY, DAVID, US
 - [72] PUNDOLE, FARAI DOON, US
 - [73] HUNTING TITAN, INC., US
 - [85] 2020-08-19
 - [86] 2019-02-22 (PCT/US2019/019267)
 - [87] (WO2019/165291)
 - [30] US (62/634,740) 2018-02-23
-

[11] 3,091,990
[13] C

- [51] Int.Cl. B30B 15/02 (2006.01) B21D 24/00 (2006.01)
 - [25] EN
 - [54] MODULAR GUIDED KEEPER BASE
 - [54] BASE DE LOQUET GUIDE MODULAIRE
 - [72] BREEN, SCOTT M., US
 - [72] PYPER, JOEL T., US
 - [73] STANDARD LIFTERS, INC., US
 - [86] (3091990)
 - [87] (3091990)
 - [22] 2020-09-03
 - [30] US (62/896,281) 2019-09-05
 - [30] US (17/009,186) 2020-09-01
-

[11] 3,093,071
[13] C

- [51] Int.Cl. E04F 13/00 (2006.01) E04B 1/94 (2006.01) E04F 13/08 (2006.01)
 - [25] EN
 - [54] REAR-VENTILATED BUILDING FAÇADE AS WELL AS PROCESS FOR MANUFACTURING SAME
 - [54] FAÇADE DE BATIMENT VENTILEE PAR L'ARRIERE AINSI QUE SON PROCEDE DE FABRICATION
 - [72] PASSON, ULRICH, DE
 - [72] GRONER, WILHELM, DE
 - [72] SCHULLER, WALTER, DE
 - [73] SAINT-GOBAIN ISOVER, FR
 - [85] 2020-09-03
 - [86] 2019-01-09 (PCT/EP2019/050419)
 - [87] (WO2019/174792)
 - [30] DE (10 2018 106 183.8) 2018-03-16
-

[11] 3,093,099
[13] C

- [51] Int.Cl. B01D 19/00 (2006.01) B03B 9/02 (2006.01)
 - [25] EN
 - [54] A PROCESS AND PROCESS LINE FOR SOLVENT EXTRACTION OF BITUMEN FROM OIL SANDS
 - [54] PROCEDE ET LIGNE DE PRODUCTION POUR L'EXTRACTION PAR SOLVANT DE BITUME DE SABLES BITUMINEUX
 - [72] WU, XIN ALEX, CA
 - [72] CARNIATO, MICHAEL, CA
 - [73] SYNCRUD CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUD PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA
 - [86] (3093099)
 - [87] (3093099)
 - [22] 2020-09-15
 - [30] US (62/901,059) 2019-09-16
-

[11] 3,093,180
[13] C

- [51] Int.Cl. G06F 3/01 (2006.01) G06F 19/00 (2011.01) G06F 3/03 (2006.01) G06F 3/038 (2013.01)
- [25] EN
- [54] HEAD-MOUNTED DISPLAY AND METHOD TO REDUCE VISUALLY INDUCED MOTION SICKNESS IN A CONNECTED REMOTE DISPLAY
- [54] VISIOCASQUE ET PROCEDE POUR REDUIRE LE MAL DES TRANSPORTS INDUIT VISUELLEMENT DANS UN AFFICHAGE A DISTANCE CONNECTÉ
- [72] ARAUJO, JOSE, SE
- [72] GRANCHAROV, VOLODYA, SE
- [72] BERNDTSSON, GUNILLA, SE
- [72] HARI HARAN, ALVIN JUDE, US
- [73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
- [85] 2020-09-04
- [86] 2018-06-04 (PCT/EP2018/064592)
- [87] (WO2019/185173)
- [30] US (62/649,106) 2018-03-28

Brevets canadiens délivrés
28 février 2023

[11] 3,093,682
[13] C

- [51] Int.Cl. B41J 2/175 (2006.01)
[25] EN
[54] LIQUID CARTRIDGE
[54] CARTOUCHE A LIQUIDE
[72] ISHIBE, AKINARI, JP
[73] BROTHER KOGYO KABUSHIKI KAISHA, JP
[85] 2020-09-15
[86] 2020-04-03 (PCT/JP2020/015312)
[87] (WO2021/199423)
[30] JP (2020-063103) 2020-03-31
-

[11] 3,094,169
[13] C

- [51] Int.Cl. F16H 57/04 (2010.01) B60K 11/06 (2006.01) F01P 5/06 (2006.01) F16D 13/72 (2006.01)
[25] EN
[54] CONTINUOUSLY VARIABLE TRANSMISSION
[54] TRANSMISSION A VARIATION CONTINUE
[72] NELSON, STEPHEN L., US
[72] KUHL, AMERY D., US
[72] BEJAWADA, NARENDER, MN
[72] HERRALA, BRUCE E., US
[72] HICKE, DAVID J., US
[72] PETERMAN, JEFFREY I., US
[72] THOLEN, RYAN A., US
[72] AVERILLO, PAUL R., GB
[72] DEMETRIOU, GIORGIO, GB
[73] POLARIS INDUSTRIES INC., US
[85] 2020-09-16
[86] 2019-03-19 (PCT/US2019/022912)
[87] (WO2019/183051)
[30] US (62/644,717) 2018-03-19
-

[11] 3,094,197
[13] C

- [51] Int.Cl. C07D 413/12 (2006.01) A61K 31/395 (2006.01) A61K 31/55 (2006.01) A61K 31/553 (2006.01) A61P 1/00 (2006.01) C07D 417/12 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 491/044 (2006.01) C07D 491/048 (2006.01) C07D 491/052 (2006.01) C07D 491/20 (2006.01) C07D 495/04 (2006.01)
[25] EN
[54] BICYCLIC LACTAMS AND METHODS OF USE THEREOF
[54] LACTAMES BICYCLIQUES ET LEURS METHODES D'UTILISATION
[72] PATEL, SNAHEL, US
[72] HAMILTON, GREGORY, US
[72] STIVALA, CRAIG, US
[72] CHEN, HUIFEN, US
[72] ZHAO, GUILING, US
[73] F. HOFFMANN-LA ROCHE AG, CH
[86] (3094197)
[87] (3094197)
[22] 2016-07-01
[62] 2,988,601
[30] US (62/188,153) 2015-07-02
[30] US (62/387,295) 2015-12-23
-

[11] 3,094,407
[13] C

- [51] Int.Cl. A47K 10/42 (2006.01)
[25] EN
[54] DISPENSER FOR SHEET PRODUCTS, PARTICULARLY NAPKINS
[54] DISTRIBUTEUR POUR PRODUITS EN FEUILLES, EN PARTICULIER DES SERVIETTES
[72] MCNULTY, PETER J., US
[72] DEVLIN, JOHN P., US
[72] MEKLER, JEFFREY S., US
[73] ESSITY HYGIENE AND HEALTH AKTIEBOLAG, SE
[85] 2020-09-18
[86] 2018-03-19 (PCT/EP2018/056839)
[87] (WO2019/179593)
-

[11] 3,094,449
[13] C

- [51] Int.Cl. A61K 31/496 (2006.01) A61K 31/407 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)
[25] EN
[54] COMBINATION PRODUCT OF BCL-2 INHIBITOR AND MDM2 INHIBITOR AND USE THEREOF IN THE PREVENTION AND/OR TREATMENT OF DISEASES
[54] PRODUIT DE COMBINAISON D'INHIBITEUR DE BCL-2 ET D'INHIBITEUR DE MDM2, ET UTILISATION DE CE DERNIER DANS LA PREVENTION ET/OU LE TRAITEMENT DE MALADIES
[72] YANG, DAJUN, CN
[72] ZHAI, YIFAN, CN
[72] TANG, QIUQIONG, CN
[72] FANG, DOUGLAS DONG, CN
[73] ASCENTAGE PHARMA (SUZHOU) CO., LTD., CN
[85] 2020-09-18
[86] 2019-07-22 (PCT/CN2019/096968)
[87] (WO2020/024820)
[30] CN (201810862170.9) 2018-07-31
-

[11] 3,094,712
[13] C

- [51] Int.Cl. A61B 5/00 (2006.01) A61B 5/01 (2006.01) A61B 5/03 (2006.01) A61M 27/00 (2006.01)
[25] EN
[54] WIRELESS AND NONINVASIVE EPIDERMAL ELECTRONICS
[54] DISPOSITIFS ELECTRONIQUES EPIDERMIIQUES SANS FIL ET NON INVASIFS
[72] ROGERS, JOHN A., US
[72] KRISHNAN, SIDDHARTH, US
[72] RAY, TYLER R., US
[72] AYER, AMIT B., US
[72] GUTRUF, PHILIPP, US
[72] REEDER, JONATHAN T., US
[72] LEE, KUN HYUCK, US
[72] SU, CHUN-JU, US
[73] NORTHWESTERN UNIVERSITY, US
[85] 2020-09-21
[86] 2019-03-29 (PCT/US2019/025009)
[87] (WO2019/191693)
[30] US (62/650,826) 2018-03-30
[30] US (62/791,390) 2019-01-11

**Canadian Patents Issued
February 28, 2023**

[11] 3,094,754

[13] C

[51] Int.Cl. B65G 1/04 (2006.01)

[25] EN

[54] STORAGE SYSTEM WITH
TRANSPORTING DEVICE

[54] SYSTEME DE STOCKAGE AYANT
UN DISPOSITIF DE TRANSPORT

[72] CLARK, SEAN, GB

[72] SHARP, DAVID, GB

[73] OCADO INNOVATION LIMITED,
GB

[85] 2020-09-22

[86] 2019-03-26 (PCT/EP2019/057498)

[87] (WO2019/185577)

[30] GB (1804867.8) 2018-03-27

[11] 3,094,796

[13] C

[51] Int.Cl. C07C 5/32 (2006.01) C07C
11/00 (2006.01) C07C 13/15 (2006.01)
C07C 15/00 (2006.01)

[25] EN

[54] PROCESSES AND SYSTEMS FOR
THE CONVERSION OF
HYDROCARBONS

[54] PROCEDES ET SYSTEMES DE
CONVERSION

D'HYDROCARBURES

[72] IACCINO, LARRY L., US

[72] COLEMAN, JOHN S., US

[72] LATTNER, JAMES R., US

[73] EXXONMOBIL CHEMICAL
PATENTS INC., US

[85] 2020-09-22

[86] 2019-03-01 (PCT/US2019/020323)

[87] (WO2019/182744)

[30] US (62/647,010) 2018-03-23

[11] 3,094,799

[13] C

[51] Int.Cl. G01N 25/20 (2006.01) G01K
1/143 (2021.01) G01K 7/16 (2006.01)
G01N 17/00 (2006.01) G01K 1/024
(2021.01)

[25] EN

[54] NON-INTRUSIVE PIPE WALL
DIAGNOSTICS

[54] DIAGNOSTIC NON INTRUSIF DE
PAROI DE tuyau

[72] RUD, JASON H., US

[72] TRIMBLE, STEVEN R., US

[73] ROSEMOUNT INC, US

[85] 2020-09-22

[86] 2019-03-15 (PCT/US2019/022427)

[87] (WO2019/182882)

[30] US (15/934,101) 2018-03-23

[11] 3,094,976

[13] C

[51] Int.Cl. E21B 49/08 (2006.01) E21B
41/00 (2006.01) E21B 47/01 (2012.01)

[25] EN

[54] A WELLBORE TOOL INCLUDING
A PETRO-PHYSICAL
IDENTIFICATION DEVICE AND
METHOD FOR USE THEREOF

[54] OUTIL DE PUITS DE FORAGE
COMPRENANT UN DISPOSITIF
D'IDENTIFICATION
PETROPHYSIQUE ET SON
PROCEDE D'UTILISATION

[72] KUHLMAN, MICHAEL WERNER,
US

[73] HALLIBURTON ENERGY
SERVICES, INC., US

[85] 2020-09-23

[86] 2018-12-13 (PCT/US2018/065517)

[87] (WO2019/245600)

[30] US (62/686,375) 2018-06-18

[30] US (62/720,235) 2018-08-21

[11] 3,095,034

[13] C

[51] Int.Cl. E21B 17/042 (2006.01)

[25] EN

[54] ADAPTOR APPARATUSES AND
METHODS FOR ARTIFICIAL
LIFT SYSTEMS

[54] APPAREILS ET METHODES
D'ADAPTATEUR POUR DES
SYSTEMES DE LEVAGE
ARTIFICIELS

[72] FRASER, GARTH JOHN, CA

[72] COYES, CORBIN, CA

[73] Q2 ARTIFICIAL LIFT SERVICES
ULC, CA

[86] (3095034)

[87] (3095034)

[22] 2020-10-02

[30] US (62/911,002) 2019-10-04

[11] 3,095,171

[13] C

[51] Int.Cl. G06F 9/46 (2006.01) H04L
67/02 (2022.01) H04L 67/148
(2022.01) G06F 9/48 (2006.01)

[25] EN

[54] COMPUTER SYSTEM PROVIDING
SAAS APPLICATION SESSION
STATE MIGRATION FEATURES
AND RELATED METHODS

[54] SYSTEME INFORMATIQUE
FOURNISSANT DES
CARACTERISTIQUES DE
MIGRATION D'ETAT DE SESSION
D'APPLICATION SAAS ET
PROCEDES ASSOCIES

[72] VAN ROTTERDAM, JEROEN, US

[72] MOMCHILOV, GEORGY, US

[73] CITRIX SYSTEMS, INC., US

[85] 2020-09-24

[86] 2019-04-08 (PCT/US2019/026247)

[87] (WO2019/212692)

[30] US (15/971,157) 2018-05-04

[11] 3,095,381

[13] C

[51] Int.Cl. F16L 23/02 (2006.01) F16L
51/00 (2006.01)

[25] EN

[54] LONGITUDINAL EXPANSION
JOINT FOR PIPING SYSTEM

[54] JOINT DE DILATATION
LONGITUDINAL POUR SYSTEME
DE CANALISATIONS

[72] ROBERTSON, DAVID, NO

[73] FREUDENBERG OIL & GAS, LLC,
US

[86] (3095381)

[87] (3095381)

[22] 2020-10-05

[30] US (16/701,134) 2019-12-02

[11] 3,095,527

[13] C

[51] Int.Cl. H01R 13/502 (2006.01) H01R
24/20 (2011.01) H01R 24/28 (2011.01)
H01R 13/52 (2006.01)

[25] EN

[54] ELECTRICAL CONNECTOR

[54] CONNECTEUR ELECTRIQUE

[72] PETERSON, THOMAS D., US

[72] TITCOMB, JOHN B., US

[73] R.A. PHILLIPS INDUSTRIES, INC.,
US

[86] (3095527)

[87] (3095527)

[22] 2020-10-05

[30] US (16/593,894) 2019-10-04

**Brevets canadiens délivrés
28 février 2023**

[11] 3,095,697
[13] C

- [51] Int.Cl. F16G 1/28 (2006.01) B29D 29/08 (2006.01) F16G 1/08 (2006.01) F16H 7/02 (2006.01)
 - [25] EN
 - [54] HELICAL TOOTH BELT AND BELT TRANSMISSION
 - [54] COURROIE DENTEE HELICOIDALE ET TRANSMISSION A COURROIE
 - [72] NOBORIKAWA, YOSHIHITO, JP
 - [72] YOSHIDA, MASAKUNI, JP
 - [73] MITSUBOSHI BELTING LTD., JP
 - [85] 2020-09-28
 - [86] 2019-03-27 (PCT/JP2019/013477)
 - [87] (WO2019/194057)
 - [30] JP (2018-073961) 2018-04-06
 - [30] JP (2019-057682) 2019-03-26
-

[11] 3,095,707
[13] C

- [51] Int.Cl. H01M 4/36 (2006.01) H01M 4/485 (2010.01) H01M 4/505 (2010.01) H01M 4/525 (2010.01) H01M 10/052 (2010.01)
 - [25] EN
 - [54] LITHIUM ION SECONDARY BATTERY WITH COATING FILM
 - [54] BATTERIE SECONDAIRE AU LITHIUM-ION AVEC PELLICULE DE REVETEMENT
 - [72] ASAKAWA, YUICHIRO, JP
 - [72] UESAKA, SHINICHI, JP
 - [72] LAFLEUR-LAMBERT, ANTOINE, CA
 - [72] ZAGHIB, KARIM, CA
 - [73] MURATA MANUFACTURING CO., LTD., JP
 - [73] HYDRO-QUEBEC, CA
 - [85] 2020-09-30
 - [86] 2018-04-23 (PCT/JP2018/016405)
 - [87] (WO2019/207616)
-

[11] 3,096,485
[13] C

- [51] Int.Cl. A61B 17/12 (2006.01)
 - [25] EN
 - [54] OCCLUDER DEVICES
 - [54] DISPOSITIFS D'OCCLUSION
 - [72] BRINKMANN, JOHN M., US
 - [72] GOODMAN, PAUL D., US
 - [73] W. L. GORE & ASSOCIATES, INC., US
 - [85] 2020-10-06
 - [86] 2019-04-23 (PCT/US2019/028744)
 - [87] (WO2019/217069)
 - [30] US (62/668,505) 2018-05-08
-

[11] 3,097,684
[13] C

- [51] Int.Cl. H02P 5/00 (2016.01) H02J 7/00 (2006.01)
 - [25] EN
 - [54] ELECTRIC DRIVE TRAIN AND METHOD FOR FEEDING AN ELECTRIC DRIVE TRAIN
 - [54] GROUPE MOTOPROPULSEUR ELECTRIQUE ET SON PROCEDE D'ALIMENTATION
 - [72] CHRETIEN, PASCAL, FR
 - [73] CHRETIEN, PASCAL, FR
 - [85] 2020-10-19
 - [86] 2017-04-18 (PCT/AU2017/050345)
 - [87] (WO2018/191769)
-

[11] 3,097,965
[13] C

- [51] Int.Cl. B60W 50/14 (2020.01) B60K 37/04 (2006.01)
- [25] EN
- [54] VEHICLE INPUT DEVICE, VEHICLE INPUT METHOD, AND NON-TRANSITORY STORAGE MEDIUM STORED WITH VEHICLE INPUT PROGRAM
- [54] DISPOSITIF ET METHODE D'ENTREE DE VEHICULE ET SUPPORT DE STOCKAGE NON TRANSITOIRE CONTENANT LE PROGRAMME D'ENTREE DE VEHICULE
- [72] KOZONO, YUKI, JP
- [72] NAKAJIMA, SHU, JP
- [72] NAWATA, TAKESHI, JP
- [73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
- [86] (3097965)
- [87] (3097965)
- [22] 2020-11-04
- [30] JP (2019-203457) 2019-11-08

[11] 3,098,648
[13] C

- [51] Int.Cl. B31B 50/64 (2017.01) B31B 50/10 (2017.01) B31B 50/26 (2017.01) B31B 50/72 (2017.01) B65D 33/02 (2006.01)
 - [25] EN
 - [54] METHOD AND SYSTEM FOR FORMING PACKAGES
 - [54] PROCEDE ET SYSTEME DE FORMATION D'EMBALLAGES
 - [72] WALSH, JOSEPH C., US
 - [72] CONATSER, ROBERT L., US
 - [72] BAXLEY, JAMES, US
 - [73] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
 - [85] 2020-10-28
 - [86] 2019-05-13 (PCT/IB2019/053950)
 - [87] (WO2019/220321)
 - [30] US (62/671,032) 2018-05-14
-

[11] 3,099,022
[13] C

- [51] Int.Cl. G01V 5/12 (2006.01)
- [25] EN
- [54] METHODS AND MEANS FOR EVALUATING AND MONITORING FORMATION CREEP AND SHALE BARRIERS USING IONIZING RADIATION
- [54] PROCEDES ET MOYENS POUR EVALUER ET SURVEILLER DES BARRIERE DE FLUAGE ET DE SCHISTE DE FORMATION EN UTILISANT UN RAYONNEMENT IONISANT
- [72] TEAGUE, PHILIP, US
- [72] SPANNUTH, MELISSA, US
- [72] PIROVOLOU, DIMITRIOS, US
- [73] TEAGUE, PHILIP, US
- [73] SPANNUTH, MELISSA, US
- [73] PIROVOLOU, DIMITRIOS, US
- [85] 2020-10-30
- [86] 2019-05-03 (PCT/US2019/030676)
- [87] (WO2019/213580)
- [30] US (62/666,440) 2018-05-03
- [30] US (16/403,107) 2019-05-03

**Canadian Patents Issued
February 28, 2023**

[11] 3,099,184
[13] C

- [51] Int.Cl. E04F 21/02 (2006.01) E04F 19/02 (2006.01) E04F 19/04 (2006.01) E04F 21/06 (2006.01)
[25] EN
[54] BEAD STOP FOR A WALL HAVING INTERIOR CEMENT BOARD LAYER
[54] BOURRELET D'ARRET POUR UN MUR AYANT UNE COUCHE INTERIEURE DE PANNEAU DE CIMENT
[72] MAZIARZ, JEFFREY, US
[73] E-Z BEAD, LLC, US
[86] (3099184)
[87] (3099184)
[22] 2020-11-13
[30] US (62/947,885) 2019-12-13
[30] US (16/751,006) 2020-01-23
-

[11] 3,099,510
[13] C

- [51] Int.Cl. G06F 16/24 (2019.01) G06F 16/2458 (2019.01) G06F 16/9032 (2019.01)
[25] EN
[54] SYSTEM, DEVICE, AND METHOD FOR AN ELECTRONIC DIGITAL ASSISTANT RECOGNIZING AND RESPONDING TO AN AUDIO INQUIRY BY GATHERING INFORMATION DISTRIBUTED AMONGST USERS IN REAL-TIME AND PROVIDING A CALCULATED RESULT
[54] SYSTEME, DISPOSITIF ET PROCEDE DESTINES A UN ASSISTANT NUMERIQUE ELECTRONIQUE RECONNAISSANT ET REPONDANT A UNE INTERROGATION AUDIO PAR COLLECTE D'INFORMATIONS DISTRIBUEES PARMI DE S UTILISATEURS EN TEMPS REEL ET PRODUISANT UN RESULTAT CALCULE
[72] STEFANSKI, MARIUSZ, PL
[72] MASLOWSKI, KORNEL, PL
[72] MAJCHERCZYK, DARIUSZ, PL
[72] GUSTOF, GRZEGORZ, PL
[73] MOTOROLA SOLUTIONS, INC, US
[85] 2020-11-05
[86] 2018-05-09 (PCT/PL2018/050018)
[87] (WO2019/216779)
-

[11] 3,099,529
[13] C

- [51] Int.Cl. G06Q 50/06 (2012.01) H04L 67/12 (2022.01) E21B 41/00 (2006.01) H04L 12/40 (2006.01)
[25] EN
[54] DISTRIBUTED CONTROL SYSTEM USING ASYNCHRONOUS SERVICES IN A WELLBORE
[54] SYSTEME DE COMMANDE DISTRIBUE UTILISANT DES SERVICES ASYNCHRONES DANS UN PUITS DE FORAGE
[72] WISE, MATTHEW EDWIN, US
[72] MAROTTA, EGIDIO, US
[72] RANGARAJAN, KESHAVA PRASAD, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2020-11-05
[86] 2018-12-07 (PCT/US2018/064504)
[87] (WO2020/027861)
[30] US (62/713,789) 2018-08-02
-

[11] 3,099,810
[13] C

- [51] Int.Cl. B25C 1/18 (2006.01)
[25] EN
[54] POWERED FASTENER DRIVING TOOL
[54] OUTIL ELECTRIQUE D'ENTRAINEMENT D'ELEMENT DE FIXATION
[72] JABLONSKI, DAVID W., US
[72] LEE, JOEY, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2020-11-09
[86] 2019-05-15 (PCT/US2019/032428)
[87] (WO2019/226436)
[30] US (62/675,447) 2018-05-23
[30] US (16/410,519) 2019-05-13
-

[11] 3,099,841
[13] C

- [51] Int.Cl. H04B 10/61 (2013.01) H04B 10/54 (2013.01) H04B 10/556 (2013.01)
[25] EN
[54] DIMENSIONAL TRANSFORMATION IN OPTICAL COMMUNICATION
[54] TRANSFORMATION BIDIRECTIONNELLE EN COMMUNICATION OPTIQUE
[72] ROBERTS, KIM, CA
[72] KHANDANI, AMIR, CA
[72] OVEIS GHARAN, SHAHAB, CA
[72] REIMER, MICHAEL, CA
[72] O'SULLIVAN, MAURICE, CA
[73] CIENA CORPORATION, US
[85] 2020-11-09
[86] 2019-05-21 (PCT/IB2019/054204)
[87] (WO2019/234536)
[30] US (16/003,736) 2018-06-08
-

[11] 3,099,989
[13] C

- [51] Int.Cl. B01J 19/08 (2006.01) C25B 1/50 (2021.01) C25B 9/015 (2021.01) C25B 9/15 (2021.01) C25B 1/04 (2021.01) C25B 11/02 (2021.01)
[25] EN
[54] PULSING RESONANT CAVITY FOR ELECTROLYSIS
[54] CAVITE RESONANTE A IMPULSIONS POUR L'ELECTROLYSE
[72] LEE, MCKANE B., US
[73] LEE, MCKANE B., US
[86] (3099989)
[87] (3099989)
[22] 2020-11-19
[30] US (62/938,630) 2019-11-21
[30] US (17/005,663) 2020-08-28

Brevets canadiens délivrés
28 février 2023

[11] 3,101,488

[13] C

[51] Int.Cl. A22C 29/02 (2006.01) A22C
29/00 (2006.01)

[25] EN

[54] APPARATUS AND METHOD FOR
FIXING AND TRANSPORTING
CRABS DURING THE
SLAUGHTER THEREOF

[54] APPAREIL ET METHODE POUR
FIXER ET TRANSPORTER DES
CRABES PENDANT LEUR
ABATTAGE

[72] SMITH, CLINTON R., US

[72] SANTORO, TYLER, US

[73] NORDISCHER MASCHINENBAU
RUD. BAADER GMBH + CO. KG, DE

[86] (3101488)

[87] (3101488)

[22] 2020-12-03

[30] US (62/984,947) 2020-03-04

[11] 3,101,585

[13] C

[51] Int.Cl. G02B 30/33 (2020.01) G02F
1/1333 (2006.01)

[25] EN

[54] MULTIVIEW DISPLAY AND
METHOD WITH DYNAMICALLY
RECONFIGURABLE MULTIVIEW
PIXELS

[54] DISPOSITIF ET PROCEDE
D'AFFICHAGE MULTIVUE
COMPRENANT DES PIXELS
MULTIVUE RECONFIGURABLES
DYNAMIQUEMENT

[72] FATTAL, DAVID A., US

[73] LEIA INC., US

[85] 2020-11-25

[86] 2018-06-29 (PCT/US2018/040420)

[87] (WO2020/005291)

[11] 3,101,737

[13] C

[51] Int.Cl. G01S 13/86 (2006.01) G01S
13/66 (2006.01)

[25] EN

[54] METHOD, SYSTEM AND
COMPUTER PROGRAM
PRODUCT FOR INTELLIGENT
TRACKING AND DATA
TRANSFORMATION BETWEEN
INTERCONNECTED SENSOR
DEVICES OF MIXED TYPE

[54] PROCEDE, SYSTEME ET
PRODUIT DE PROGRAMME
INFORMATIQUE POUR LE SUIVI
INTELLIGENT ET LA
TRANSFORMATION DES
DONNEES ENTRE LES
DISPOSITIFS DE CAPTEURS
INTERCONNECTES DE TYPE
MIXTE

[72] SABRIPOUR, SHERVIN, US

[72] PRESTON, JOHN B., US

[72] ZAAG, BERT VAN DER, US

[72] KOSKAN, PATRICK D., US

[73] MOTOROLA SOLUTIONS, INC., US

[86] (3101737)

[87] (3101737)

[22] 2020-12-04

[30] US (16/723,958) 2019-12-20

[11] 3,102,285

[13] C

[51] Int.Cl. C11D 1/722 (2006.01) C11D
3/37 (2006.01) C11D 17/04 (2006.01)

[25] EN

[54] A WATER-SOLUBLE UNIT DOSE
ARTICLE COMPRISING AN
ETHYLENE OXIDE-PROPYLENE
OXIDE-ETHYLENE OXIDE
(EO/PO/EO) TRIBLOCK
COPOLYMER

[54] ARTICLE DE DOSE UNITAIRE
SOLUBLE DANS L'EAU
COMPRENANT UN
COPOLYMER TRIBLOC OXYDE
D'ETHYLENE-OXYDE DE
PROPYLENE-OXYDE
D'ETHYLENE (EO/PO/EO)

[72] KEULEERS, ROBBY RENILDE
FRANCOIS, BE

[72] BOUTIQUE, JEAN-POL, BE

[72] DE POORTERE, JOHAN MAURICE
THEO, BE

[73] THE PROCTER & GAMBLE
COMPANY, US

[85] 2020-12-01

[86] 2019-06-26 (PCT/US2019/039204)

[87] (WO2020/006055)

[30] EP (18180999.7) 2018-06-29

[30] EP (19179681.2) 2019-06-12

[11] 3,102,614

[13] C

[51] Int.Cl. C11D 17/06 (2006.01) C02F
1/72 (2006.01) C11D 3/20 (2006.01)
C11D 3/39 (2006.01) C11D 3/395
(2006.01) C11D 3/48 (2006.01) C11D
11/00 (2006.01) C11D 17/00 (2006.01)

[25] EN

[54] ENHANCED PEROXYGEN
STABILITY USING FATTY ACID
IN BLEACH ACTIVATING AGENT
CONTAINING PEROXYGEN
SOLID

[54] STABILITE AMELIOREE DU
PEROXYGENE A L'AIDE D'ACIDE
GRAS DANS UN SOLIDE
PEROXYGENE CONTENANT UN
AGENT D'ACTIVATION DE
BLANCHIMENT

[72] OTTING, KRISTA, US

[72] DOTZAUER, DAVID, US

[72] BABCOCK, MEGHAN, US

[73] ECOLAB USA INC., US

[85] 2020-12-03

[86] 2019-06-14 (PCT/US2019/037180)

[87] (WO2019/241629)

[30] US (62/685,361) 2018-06-15

**Canadian Patents Issued
February 28, 2023**

[11] 3,103,002

[13] C

- [51] Int.Cl. C01B 32/21 (2017.01) C01B 32/20 (2017.01) B01D 45/00 (2006.01)
[25] EN
[54] DEVICE AND METHOD FOR ROUNDING GRAPHITE FLAKES OF A GRAPHITE MATERIAL
[54] DISPOSITIF ET PROCEDE D'ARRONDISSEMENT DE FLOCONS D'UN MATERIAU DE GRAPHITE
[72] SICKEL, HERMANN, DE
[72] HOFELS, CHRISTIAN, DE
[72] HERZOG, MANUEL, DE
[73] NETZSCH TROCKENMAHLTECHNIK GMBH, DE
[86] (3103002)
[87] (3103002)
[22] 2020-12-17
[30] DE (10 2020 100 907.0) 2020-01-16
-

[11] 3,103,291

[13] C

- [51] Int.Cl. B01D 53/02 (2006.01) B01D 53/047 (2006.01) B01J 20/18 (2006.01) C10L 3/10 (2006.01)
[25] EN
[54] CHARACTERISTICS OF TUNABLE ADSORBENTS FOR RATE SELECTIVE SEPARATION OF NITROGEN FROM METHANE
[54] CARACTERISTIQUES D'ADSORBANTS ACCORDABLES POUR LA SEPARATION SELECTIVE D'AZOTE A PARTIR DE METHANE
[72] STUCKERT, NICHOLAS R., US
[72] STEPHENSON, NEIL A., US
[72] BARRETT, PHILIP A., US
[72] PONTONIO, STEVEN J., US
[73] PRAXAIR TECHNOLOGY, INC., US
[85] 2020-09-23
[86] 2019-03-28 (PCT/US2019/024594)
[87] (WO2019/191436)
[30] US (62/649,798) 2018-03-29
-

[11] 3,103,329

[13] C

- [51] Int.Cl. F26B 3/00 (2006.01) B03B 9/00 (2006.01) C10L 5/04 (2006.01) C10L 9/00 (2006.01) F26B 21/00 (2006.01)
[25] EN
[54] METHOD AND PROCESS FOR QUALITY IMPROVEMENT BY MEANS OF OPTIMALLY COOPERATING BROWN COAL DRYING AND DRY SEPARATION METHOD AND PROCESS
[54] PROCEDE ET PROCESSUS D'AMELIORATION DE LA QUALITE AU MOYEN D'UNE MISE EN COOPERATION OPTIMALE D'UN PROCEDE ET D'UN PROCESSUS DE SECHAGE ET DE SEPARATION A SEC DE CHARBON BRUN
-

- [72] ZHANG, BO, CN
[72] ZHANG, YADONG, CN
[72] ZHAO, YUEMIN, CN
[72] YAN, GUANGHUI, CN
[72] LUO, ZHENFU, CN
[72] DUAN, CHENLONG, CN
[72] DONG, LIANG, CN
[72] ZHOU, ENHUI, CN
[73] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2020-12-10
[86] 2019-06-11 (PCT/CN2019/090619)
[87] (WO2019/238020)
[30] CN (201810619868.8) 2018-06-14
-

[11] 3,104,047

[13] C

- [51] Int.Cl. E06C 7/00 (2006.01) E06C 1/08 (2006.01) E06C 7/50 (2006.01)
[25] EN
[54] BOX RAIL BACKUP AND METHOD
[54] AUXILIAIRE DE RAIL EN FORME DE BOITE ET METHODE
[72] PARKER, THOMAS W., US
[72] MCINTIRE, KEVIN, US
[72] DINGS, STEVE, US
[72] BEGGS, ROBERT D., US
[72] PLOTNER, DAVID, US
[73] WERNER CO., US
[86] (3104047)
[87] (3104047)
[22] 2020-12-23
[30] US (62/954,276) 2019-12-27
[30] US (62/954,290) 2019-12-27
[30] US (16/795,086) 2020-02-19
-

[11] 3,104,312

[13] C

- [51] Int.Cl. G06F 16/22 (2019.01) G06F 16/2455 (2019.01) G06F 16/901 (2019.01)
[25] EN
[54] SYSTEMS AND METHODS FOR STORING OBJECT STATE ON HASH CHAINS
[54] SYSTEMES ET PROCEDES DE STOCKAGE D'ETAT D'OBJET SUR DES CHAINES DE HACHAGE
[72] SCOTT, GLENN CARTER, US
[72] MEIKE, ROGER, US
[72] GABRIEL, MICHAEL RICHARD, US
[73] INTUIT INC., US
[85] 2020-07-21
[86] 2019-07-29 (PCT/US2019/043997)
[87] (WO2020/112179)
[30] US (16/204,900) 2018-11-29
-

[11] 3,105,733

[13] C

- [51] Int.Cl. H04W 36/14 (2009.01) H04L 12/66 (2006.01) H04M 7/00 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS OF PROVIDING COMMUNICATIONS SERVICES
[54] SYSTEMES ET PROCEDES DE FOURNITURE DE SERVICES DE COMMUNICATION
[72] MA, KA-YUI KEVIN, US
[72] CANNON, EUGENE PETER, US
[73] VONAGE AMERICA LLC, US
[86] (3105733)
[87] (3105733)
[22] 2013-12-30
[62] 2,896,557
[30] US (13/730,348) 2012-12-28
[30] US (13/730,325) 2012-12-28
[30] US (13/730,287) 2012-12-28

**Brevets canadiens délivrés
28 février 2023**

[11] 3,106,377

[13] C

- [51] Int.Cl. C22C 38/40 (2006.01) C22C 38/58 (2006.01) C23C 22/06 (2006.01)
 [25] EN
 [54] AUSTENITIC STAINLESS STEEL HAVING EXCELLENT ELECTRICAL CONDUCTIVITY, AND METHOD FOR MANUFACTURING SAME
 [54] ACIER INOXYDABLE AUSTENITIQUE AYANT UNE EXCELLENTE CONDUCTIVITE ELECTRIQUE ET PROCEDE DE FABRICATION ASSOCIE
 [72] KIM, KWANG MIN, KR
 [72] PARK, MI-NAM, KR
 [72] SEO, BO-SUNG, KR
 [73] POSCO, KR
 [85] 2021-01-12
 [86] 2019-06-14 (PCT/KR2019/007244)
 [87] (WO2020/251103)
-

[11] 3,108,188

[13] C

- [51] Int.Cl. A47L 13/52 (2006.01) A46B 15/00 (2006.01) A46B 17/08 (2006.01)
 [25] EN
 [54] BROOM AND DUST PAN COMBINATION
 [54] COMBINAISON DE BALAI ET DE RAMASSE-POUSSIÈRE
 [72] DINNALL, SHERIDON, CA
 [73] DINNALL, SHERIDON, CA
 [86] (3108188)
 [87] (3108188)
 [22] 2021-02-05

[11] 3,108,395

[13] C

- [51] Int.Cl. B29D 7/01 (2006.01) G01N 15/08 (2006.01)
 [25] EN
 [54] METHOD FOR PRODUCING A FIBRE-REINFORCED PLASTIC COMPARISON BODY AND TESTING METHOD
 [54] PROCEDE POUR PRODUIRE UN CORPS DE REFERENCE EN COMPOSITE FIBRES-MATIERE PLASTIQUE ET PROCEDE DE CONTROLE
 [72] HOLLER, HELMUTH, AT
 [72] SPINDLER, ANNA CARINA, AT
 [72] KROISSMAYR, STEFAN, AT
 [73] FACC AG, AT
 [85] 2021-02-02
 [86] 2019-09-10 (PCT/AT2019/060292)
 [87] (WO2020/051609)
 [30] AT (A 50765/2018) 2018-09-10
-

[11] 3,110,027

[13] C

- [51] Int.Cl. B01D 53/96 (2006.01) B01D 53/14 (2006.01) B01D 53/62 (2006.01)
 [25] EN
 [54] RECLAIMING APPARATUS AND METHOD, AND CO₂ RECOVERY APPARATUS AND METHOD
 [54] APPAREIL ET PROCEDE DE RECUPERATION, ET APPAREIL ET PROCEDE DE RECUPERATION DE CO₂
 [72] MIYAMOTO, OSAMU, US
 [72] KAMIJO, TAKASHI, JP
 [72] TSUJIUCHI, TATSUYA, JP
 [73] MITSUBISHI HEAVY INDUSTRIES ENGINEERING, LTD., JP
 [85] 2021-02-18
 [86] 2019-09-27 (PCT/JP2019/038321)
 [87] (WO2020/075543)
 [30] US (16/156,129) 2018-10-10

[11] 3,110,558

[13] C

- [51] Int.Cl. D21C 3/04 (2006.01)
 [25] EN
 [54] MODIFIED ALKYSULFONIC ACID AND USES THEREOF
 [54] ACIDE SULFONIQUE ALKYLE MODIFIE ET UTILISATIONS CONNEXES
 [72] PURDY, CLAY, CA
 [72] WEISSENBERGER, MARKUS, CA
 [72] WYNNYK, KYLE G., CA
 [72] DAWSON, KARL W., CA
 [73] SIXRING INC., CA
 [86] (3110558)
 [87] (3110558)
 [22] 2021-02-26
 [30] CA (3,074,198) 2020-02-28
-

[11] 3,110,773

[13] C

- [51] Int.Cl. A61K 9/00 (2006.01) A61K 9/10 (2006.01) A61K 9/51 (2006.01) A61K 31/4174 (2006.01) A61K 31/4545 (2006.01) A61K 31/58 (2006.01) A61K 47/38 (2006.01)
 [25] EN
 [54] MUCOADHESIVE DISPERSION NANOPARTICLE SYSTEM AND METHOD FOR PRODUCTION THE SAME
 [54] SYSTEME DE NANOParticules DE DISPERSION MUCOADHESIVES ET PROCEDE DE FABRICATION
 [72] TZACHEV, CHRISTO TZACHEV, BG
 [73] LEAD BIOTHERAPEUTICS LTD., BG
 [85] 2021-02-26
 [86] 2018-09-11 (PCT/IB2018/001073)
 [87] (WO2020/053609)
-

[11] 3,112,962

[13] C

- [51] Int.Cl. B25B 27/24 (2006.01) B23P 19/04 (2006.01) B23P 19/06 (2006.01) B25B 27/02 (2006.01) B25B 27/073 (2006.01)
 [25] EN
 [54] FAUCET CARTRIDGE REMOVAL TOOL
 [54] OUTIL D'ENLEVEMENT DE CARTOUCHE DE ROBINET
 [72] WIDNER, WAYNE, US
 [72] FOLK, RANDY, US
 [73] J & M TOOL DESIGN, LLC, US
 [85] 2021-03-09
 [86] 2019-09-10 (PCT/US2019/050275)
 [87] (WO2020/055774)
 [30] US (62/728,993) 2018-09-10

**Canadian Patents Issued
February 28, 2023**

[11] 3,114,268
[13] C
[51] Int.Cl. A24D 1/20 (2020.01) A24D 1/00 (2020.01) A24D 1/02 (2006.01)
[25] EN
[54] AEROSOL-GENERATING ARTICLE WITH LAMINATED WRAPPER
[54] ARTICLE DE GENERATION D'AEROSOL AVEC ENVELOPPE STRATIFIEE
[72] LAVANCHY, FREDERIC, CH
[72] JORDIL, YVES, CH
[73] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2021-03-25
[86] 2019-12-04 (PCT/EP2019/083705)
[87] (WO2020/115150)
[30] EP (18210864.7) 2018-12-06

[11] 3,115,504
[13] C
[51] Int.Cl. G01D 11/30 (2006.01) F16M 11/00 (2006.01) G01N 37/00 (2006.01) H02K 15/00 (2006.01)
[25] EN
[54] HOLDING APPARATUS, INSPECTION SYSTEM, AND MOVEMENT METHOD
[54] APPAREIL DE RETENUE, SYSTEME D'INSPECTION ET METHODE DE MOUVEMENT
[72] KUWAHARA, HIROAKI, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[73] TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION, JP
[86] (3115504)
[87] (3115504)
[22] 2021-04-19
[30] JP (2020-074888) 2020-04-20

[11] 3,119,524
[13] C
[51] Int.Cl. E02D 3/08 (2006.01) E02D 3/02 (2006.01)
[25] EN
[54] METHODS AND APPARATUSES FOR COMPACTING SOIL AND GRANULAR MATERIALS
[54] PROCEDES ET APPAREILS DE COMPACTAGE DE SOL ET DE MATERES GRANULEUSES
[72] WHITE, DAVID J., US
[72] WISSMANN, KORD J., US
[73] GEOPIER FOUNDATION COMPANY, INC., US
[86] (3119524)
[87] (3119524)
[22] 2014-09-05
[62] 2,922,377
[30] US (61/873,993) 2013-09-05

[11] 3,115,138
[13] C
[51] Int.Cl. C25B 11/04 (2021.01) C25B 1/04 (2021.01) C25B 1/26 (2006.01)
[25] EN
[54] SELECTIVE CATHODE FOR USE IN ELECTROLYTIC CHLORATE PROCESS
[54] CATHODE SELECTIVE DESTINEE A ETRE UTILISEE DANS LE TRAITEMENT ELECTROLYTIQUE DE CHLORATE
[72] WILDLOCK, MATS, SE
[72] SIMIC, NINA, SE
[72] CORNELL, ANN, SE
[72] ENDRODI, BALAZS, HU
[72] STOJANOVIC, ALEKSANDRA, RS
[73] NOURYON CHEMICALS INTERNATIONAL B.V., NL
[85] 2021-04-01
[86] 2019-10-01 (PCT/EP2019/076664)
[87] (WO2020/070172)
[30] EP (18198098.8) 2018-10-02

[11] 3,118,891
[13] C
[51] Int.Cl. G06F 21/32 (2013.01)
[25] EN
[54] SYSTEMS AND METHODS OF ENHANCING BIOMETRIC MATCHING ACCURACY AND/OR EFFICIENCY
[54] SYSTEMES ET PROCEDES D'AMELIORATION DE LA PRECISION ET/OU DE L'EFFICACITE DE CORRESPONDANCE BIOMETRIQUE
[72] ACKERMAN, DAVID ALAN, US
[72] BOUTOT, KENNETH R., US
[73] PRINCETON IDENTITY, INC., US
[85] 2021-05-05
[86] 2019-11-06 (PCT/US2019/060029)
[87] (WO2020/097178)
[30] US (62/756,138) 2018-11-06

[11] 3,121,022
[13] C
[51] Int.Cl. G05B 19/4061 (2006.01) B65G 54/02 (2006.01) B66F 9/06 (2006.01) G05B 19/418 (2006.01) H02K 41/03 (2006.01)
[25] EN
[54] DEVICE AND METHOD FOR PREVENTING A COLLISION WHEN DRIVING AT LEAST TWO MOVING ELEMENTS ON A DRIVING SURFACE
[54] DISPOSITIF ET PROCEDE PERMETTENT D'EVITER UNE COLLISION LORS DE L'ENTRAINEMENT D'AU MOINS DEUX ELEMENTS DE DEPLACEMENT SUR UNE SURFACE D'ENTRAINEMENT
[72] PENNEKAMP, HUBERTUS, DE
[72] LUTHE, THOMAS, DE
[72] WIEDNER, EVA, DE
[72] WEBER, TOBIAS, DE
[72] NEUMANN, KLAUS, DE
[72] WEDDEMANN, ALEXANDER, DE
[73] BECKHOFF AUTOMATION GMBH, DE
[85] 2021-05-26
[86] 2019-11-22 (PCT/EP2019/082298)
[87] (WO2020/109180)
[30] DE (10 2018 129 727.0) 2018-11-26

**Brevets canadiens délivrés
28 février 2023**

[11] 3,122,382

[13] C

- [51] Int.Cl. E21B 36/04 (2006.01) E21B 43/24 (2006.01) H01Q 1/04 (2006.01) H01Q 1/36 (2006.01)
 - [25] EN
 - [54] SUBSURFACE ANTENNA FOR RADIO FREQUENCY HEATING
 - [54] ANTENNE DE SOUS-SURFACE POUR CHAUFFAGE A RADIOFREQUENCE
 - [72] DIECKMANN, GUNTHER HANS, US
 - [72] DUNLAVEY, JAMES THOMAS, US
 - [72] PASALIC, DAMIR, US
 - [72] OKONIEWSKI, MICHAL MIECZYSLAW, US
 - [73] CHEVRON U.S.A. INC., US
 - [86] (3122382)
 - [87] (3122382)
 - [22] 2014-03-12
 - [62] 2,845,589
 - [30] US (13/838,783) 2013-03-15
-

[11] 3,122,560

[13] C

- [51] Int.Cl. B09B 5/00 (2006.01) B03B 9/06 (2006.01)
- [25] EN
- [54] SYSTEM AND METHOD FOR WASTE DIVERSION
- [54] SYSTEME ET METHODE POUR LE REACHEMINEMENT DES DECHETS
- [72] COCHRANE, RICHARD, US
- [72] LOWER, MARC, US
- [72] LITOW, COLIN, US
- [72] SPENCER, MATTHEW, US
- [72] RUSH, CARL, US
- [72] WHITAKER, RANDAL, US
- [72] SHEPARD, WILLIAM, US
- [72] TOBERMAN, RICHRAD, US
- [73] CONTINUUS MATERIALS INTELLECTUAL PROPERTY, LLC, US
- [86] (3122560)
- [87] (3122560)
- [22] 2021-06-15
- [30] US (16/902,381) 2020-06-16

[11] 3,123,387

[13] C

- [51] Int.Cl. G06F 40/40 (2020.01)
 - [25] EN
 - [54] METHOD AND SYSTEM FOR GENERATING AN INTENT CLASSIFIER
 - [54] METHODE ET SYSTEME DE PRODUCTION D'UN CLASSIFICATEUR D'INTENTIONS
 - [72] MAKKI NIRI, RAHELEH, CA
 - [72] GIBSON, GORDON, CA
 - [73] ADA SUPPORT INC., CA
 - [86] (3123387)
 - [87] (3123387)
 - [22] 2021-06-28
-

[11] 3,124,384

[13] C

- [51] Int.Cl. B60L 58/27 (2019.01) B60K 1/04 (2019.01) B60N 2/56 (2006.01) B62D 55/07 (2006.01) B62M 27/02 (2006.01)
 - [25] EN
 - [54] ELECTRIC SNOWMOBILE
 - [54] MOTONEIGE ELECTRIQUE
 - [72] SUZUKI, TAKEHITO, JP
 - [72] OSAWA, KENSUKE, JP
 - [73] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
 - [86] (3124384)
 - [87] (3124384)
 - [22] 2021-07-13
 - [30] JP (2020-123580) 2020-07-20
-

[11] 3,125,030

[13] C

- [51] Int.Cl. B32B 5/02 (2006.01) B32B 7/05 (2019.01) B32B 7/09 (2019.01) B32B 5/06 (2006.01) B32B 5/26 (2006.01) B32B 7/14 (2006.01) F41H 1/02 (2006.01) F41H 5/04 (2006.01)
- [25] EN
- [54] MULTI-THREAT PROTECTION COMPOSITE
- [54] COMPOSITE DE PROTECTION CONTRE LES MENACES MULTIPLES
- [72] WANG, YUNZHANG, US
- [73] MILLIKEN & COMPANY, US
- [85] 2021-06-24
- [86] 2020-01-15 (PCT/US2020/013706)
- [87] (WO2020/154148)
- [30] US (62/793,063) 2019-01-16

[11] 3,125,824

[13] C

- [51] Int.Cl. H03F 19/00 (2006.01)
 - [25] EN
 - [54] JOSEPHSON TRAVELING WAVE PARAMETRIC AMPLIFIER
 - [54] AMPLIFICATEUR PARAMETRIQUE A ONDES PROGRESSIVES JOSEPHSON
 - [72] VESTERINEN, VISA, FI
 - [72] HASSEL, JUHA, FI
 - [73] TEKNOLOGIAN TUTKIMUSKESKUS VTT OY, FI
 - [85] 2021-07-06
 - [86] 2020-01-08 (PCT/FI2020/050012)
 - [87] (WO2020/152393)
 - [30] FI (20195045) 2019-01-24
-

[11] 3,128,793

[13] C

- [51] Int.Cl. C12N 15/82 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01)
- [25] EN
- [54] METHOD OF PRODUCING A BINDER-TOXIN FUSION PROTEIN IN A PLANT CELL OR A WHOLE PLANT
- [54] PROCEDE DE PRODUCTION D'UNE PROTEINE DE FUSION LIANT-TOXINE DANS UNE CELLULE VEGETALE OU UNE PLANTE ENTIERE
- [72] MAGY, BERTRAND, BE
- [72] HOURY, MAX, BE
- [73] ATB THERAPEUTICS, BE
- [85] 2021-08-03
- [86] 2020-02-18 (PCT/EP2020/054263)
- [87] (WO2020/169620)
- [30] EP (19157839.2) 2019-02-18

**Canadian Patents Issued
February 28, 2023**

[11] 3,129,419

[13] C

- [51] Int.Cl. C07K 16/28 (2006.01) A61K 47/68 (2017.01) C07K 16/00 (2006.01) C07K 16/30 (2006.01)
[25] EN
[54] ANTIBODY DRUG CONJUGATE LOADED WITH BINARY TOXINS AND ITS APPLICATION
[54] CONJUGUE ANTICORPS-MEDICAMENT PORTANT DES TOXINES BINAIRES ET SON APPLICATION
[72] HUANG, CHANGJIANG, CN
[72] SUN, YOUXIANG, CN
[72] XIONG, JIUKAI, CN
[72] KONG, NANA, CN
[72] YAN, XINXIN, CN
[73] MABPLEX INTERNATIONAL CO., LTD., CN
[85] 2021-08-30
[86] 2021-07-19 (PCT/CN2021/107079)
[87] (3129419)
-

[11] 3,131,992

[13] C

- [51] Int.Cl. C10G 55/04 (2006.01) C01B 32/00 (2017.01) C10C 3/02 (2006.01) C10G 57/00 (2006.01)
[25] EN
[54] UPGRADING A HEAVY HYDROCARBON FEEDSTOCK AND PRODUCING A PITCH FRACTION
[54] VALORISATION D'UNE CHARGE D'ALIMENTATION D'HYDROCARBURES LOURDS ET PRODUCTION D'UNE FRACTION DE PAS
[72] AL-SABAWI, MUSTAFA, CA
[72] SMITH, STUART E., US
[72] AGRAWAL, GAURAV, US
[72] FERRUGHELLI, DAVID T., US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[86] (3131992)
[87] (3131992)
[22] 2021-09-27

[11] 3,134,707

[13] C

- [51] Int.Cl. B64F 1/20 (2006.01) F21K 9/235 (2016.01) F21K 9/237 (2016.01) F21K 9/68 (2016.01) G01S 1/70 (2006.01)
[25] EN
[54] INFRARED SOURCE FOR AIRPORT RUNWAY LIGHT APPLICATIONS
[54] SOURCE INFRAROUGE POUR APPLICATIONS DE FEUX DE PISTE D'AEROPORT
[72] CAROME, EDWARD, US
[72] HANNA, GEORGE C., US
[73] SURFACE IGNITER, LLC, US
[85] 2021-10-05
[86] 2020-04-18 (PCT/US2020/028874)
[87] (WO2020/215030)
[30] US (62/835,822) 2019-04-18
-

[11] 3,135,623

[13] C

- [51] Int.Cl. F21V 21/00 (2006.01)
[25] EN
[54] REMOTE VEHICLE HAZARD AND COMMUNICATION BEACON
[54] BALISE DISTANTE DE COMMUNICATION ET DE SIGNALISATION DE DANGER POUR VEHICULE
[72] COBB, JOHN ZACHARIAH, US
[72] TUCKER, DANIEL ANTHONY, US
[72] TUCKER, DAVID M., US
[72] POWERS, STEPHEN T., US
[72] TUCKER, AUSTIN REECE, US
[72] WAGNER, KENNETH E., US
[72] INCORVAIA, MIKE, US
[73] ESS-HELP, INC., US
[85] 2021-09-28
[86] 2020-03-30 (PCT/US2020/025773)
[87] (WO2020/198743)
[30] US (62/825,345) 2019-03-28

[11] 3,139,420

[13] C

- [51] Int.Cl. B23Q 1/25 (2006.01) B23C 1/04 (2006.01) B23C 3/13 (2006.01) B23C 9/00 (2006.01) B27B 3/38 (2006.01)
[25] EN
[54] GUIDE DRESSER, CUTTER HEADS AND METHODS OF USE THEREOF
[54] DRESSE-MEULE A GUIDE, TETES DE COUPE ET METHODES D'UTILISATION
[72] STROUD, GARY, CA
[72] BERGERON, VINCENT, CA
[73] INTERNAL MACHINERY SOLUTIONS LTD., CA
[86] (3139420)
[87] (3139420)
[22] 2021-11-18
[30] US (17/528,804) 2021-11-17
-

[11] 3,140,619

[13] C

- [51] Int.Cl. C12N 5/074 (2010.01) C12N 5/071 (2010.01) C12N 5/079 (2010.01) C12N 5/0793 (2010.01)
[25] EN
[54] IMPROVED RETINAL ORGANOID AND METHODS OF MAKING THE SAME
[54] ORGANOIDES RETINIENS AMELIORES ET LEURS PROCEDES DE FABRICATION
[72] CHICHAGOVA, VALERIA, GB
[72] ARMSTRONG, LYLE, GB
[72] LAKO, MAJLINDA, GB
[73] NEWCELLS BIOTECH LIMITED, GB
[85] 2021-12-06
[86] 2020-06-08 (PCT/GB2020/051387)
[87] (WO2020/249935)
[30] GB (1908224.7) 2019-06-10

Brevets canadiens délivrés
28 février 2023

[11] **3,141,894**
[13] C

- [51] Int.Cl. C01B 32/184 (2017.01) C01B 32/182 (2017.01)
[25] EN
[54] PLASMA PROCESSES FOR PRODUCING GRAPHENE NANOSHEETS
[54] PROCEDES AU PLASMA POUR LA PRODUCTION DE NANOFEUILLES DE GRAPHENE
[72] KROEGER, JENS, CA
[72] LAROUCHE, NICHOLAS, CA
[72] LAROUCHE, FREDERIC, CA
[73] RAYMOR INDUSTRIES INC., CA
[86] (3141894)
[87] (3141894)
[22] 2017-12-20
[62] 3,045,189
[30] US (62/437,057) 2016-12-21
[30] US (62/512,520) 2017-05-30
-

[11] **3,142,088**
[13] C

- [51] Int.Cl. C07D 487/04 (2006.01) A61K 31/41 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)
[25] EN
[54] COMPOUND USED AS KINASE INHIBITOR AND APPLICATION THEREOF
[54] COMPOSE UTILISE COMME INHIBITEUR DE KINASE ET SON APPLICATION
[72] LI, JUN, CN
[72] NIU, CHENGSHAN, CN
[72] LIANG, APENG, CN
[72] WU, YUSHENG, CN
[73] TYK MEDICINES, INC., CN
[85] 2021-11-08
[86] 2020-05-07 (PCT/CN2020/089067)
[87] (WO2020/224626)
[30] CN (201910379104.0) 2019-05-08
-

[11] **3,144,726**
[13] C

- [51] Int.Cl. G02B 27/18 (2006.01) G02B 30/00 (2020.01) G02B 27/30 (2006.01) G09F 9/30 (2006.01) G09F 19/18 (2006.01)
[25] EN
[54] LIGHT FIELD PROJECTOR DEVICE
[54] DISPOSITIF PROJECTEUR DE CHAMP LUMINEUX
[72] PECKHAM, JORDAN, CA
[72] WEBBER, DANIEL, CA
[73] AVALON HOLOGRAPHICS INC., CA
[85] 2022-01-18
[86] 2020-08-14 (PCT/CA2020/051117)
[87] (WO2021/026663)
[30] US (62/886,521) 2019-08-14
-

[11] **3,145,135**
[13] C

- [51] Int.Cl. G06Q 50/34 (2012.01)
[25] EN
[54] SOCIAL CROWDSOURCED PARLAY GAMING SYSTEM AND METHOD
[54] SYSTEME DE JEU A PARIS PARTICIPATIF SOCIAL ET METHODE
[72] LEONE, THOMAS J., US
[72] SEIDEL, TANYA E., US
[73] LEONE, THOMAS J., US
[73] SEIDEL, TANYA E., US
[86] (3145135)
[87] (3145135)
[22] 2022-01-10
[30] US (63/139,931) 2021-01-21
[30] US (17/483,303) 2021-09-23
-

[11] **3,146,969**
[13] C

- [51] Int.Cl. G03H 1/04 (2006.01) G03H 1/26 (2006.01) G09F 13/08 (2006.01)
[25] EN
[54] HOLOGRAPHIC DISPLAY DEVICE AND METHOD OF USE
[54] DISPOSITIF D'AFFICHAGE HOLOGRAPHIQUE ET PROCEDE D'UTILISATION
[72] NUSSBAUM, DAVID, US
[73] PROTO, INC., US
[85] 2021-12-31
[86] 2020-12-04 (PCT/US2020/063423)
[87] (WO2021/113719)
[30] US (62/944,546) 2019-12-06
-

[11] **3,147,521**
[13] C

- [51] Int.Cl. F22B 1/18 (2006.01) E21B 43/24 (2006.01)
[25] EN
[54] STEAM GENERATOR TOOL
[54] OUTIL GENERATEUR DE VAPEUR
[72] THOMPSON, DANIEL, CA
[72] KAY, BRIAN, CA
[72] SOPKO, WESLEY, CA
[72] WIEBE, KEVIN, CA
[72] DESMARAIS, ADRIEN, CA
[72] DARY, BRADLEY, CA
[73] GENERAL ENERGY RECOVERY INC., CA
[85] 2022-02-09
[86] 2020-09-22 (PCT/CA2020/051071)
[87] (WO2021/026638)
[30] US (62/885,078) 2019-08-09
-

[11] **3,149,740**
[13] C

- [51] Int.Cl. B01D 11/04 (2006.01) C02F 1/26 (2006.01)
[25] EN
[54] CONDUIT CONTACTOR AND METHOD OF USING THE SAME
[54] CONTACTEUR DE CONDUIT ET PROCEDE D'UTILISATION DE CELUI-CI
[72] DAVIS, SCOTT KEVIN, US
[72] MOORE, MATTHEW, US
[72] FUCHIGAMI, KEI, US
[72] LANIER, WILLIAM, US
[73] CHEMTOR, LP, US
[85] 2022-02-28
[86] 2019-09-12 (PCT/US2019/050795)
[87] (WO2021/045790)
[30] US (16/562,096) 2019-09-05
-

[11] **3,151,404**
[13] C

- [51] Int.Cl. A42B 3/04 (2006.01) A42B 3/00 (2006.01)
[25] EN
[54] MOTORCYCLE HELMET
[54] CASQUE DE MOTO
[72] HIGASHIDE, KOSUKE, JP
[73] SPORTS-NET CO., LTD., JP
[85] 2022-03-16
[86] 2021-07-16 (PCT/JP2021/026858)
[87] (3151404)
-

**Canadian Patents Issued
February 28, 2023**

[11] **3,154,845**
[13] C

[51] Int.Cl. A61K 31/485 (2006.01) A61K 31/137 (2006.01) A61P 11/14 (2006.01) A61P 25/00 (2006.01)
[25] EN
[54] COMPOSITIONS AND METHODS COMPRISING BUPROPION OR RELATED COMPOUNDS AND DEXTROMETHORPHAN
[54] COMPOSITIONS ET METHODES COMPRENANT DU BUPROPION OU DES COMPOSES CONNEXES ET DU DEXTROMETHORPHANE
[72] TABUTEAU, HERIOT, US
[73] ANTECIP BIOVENTURES II LLC, US
[86] (3154845)
[87] (3154845)
[22] 2014-11-05
[62] 2,929,415
[30] US (61/900,354) 2013-11-05

[11] **3,155,492**
[13] C

[51] Int.Cl. G01M 3/02 (2006.01) G01M 3/04 (2006.01)
[25] EN
[54] CONTAINER LEAKAGE DETECTION USING THERMAL IMAGING
[54] DETECTION DE FUITE DE RECIPIENT A L'AIDE D'UNE IMAGERIE THERMIQUE
[72] POPE, TIMOTHY, CA
[72] OUELLET, SAMUEL, CA
[72] BROWN, ROBERT, CA
[73] INSTITUT NATIONAL D'OPTIQUE, CA
[85] 2022-04-21
[86] 2020-10-23 (PCT/CA2020/051425)
[87] (WO2021/081628)
[30] US (62/929,155) 2019-11-01

[11] **3,160,158**
[13] C

[51] Int.Cl. B01J 37/08 (2006.01)
[25] EN
[54] IMPROVED PROCESS FOR THE COMMERCIAL PRODUCTION OF HIGH-QUALITY CATALYST MATERIALS
[54] PROCEDE AMELIORE DE PRODUCTION COMMERCIALE DE MATERIAUX CATALYSEURS DE HAUTE QUALITE
[72] SCHUETZLE, ROBERT, US
[72] SCHUETZLE, DENNIS, US
[73] GREYROCK TECHNOLOGY, LLC, US
[85] 2022-05-03
[86] 2020-12-01 (PCT/US2020/000046)
[87] (WO2021/112890)
[30] US (16/602,770) 2019-12-04

[11] **3,162,576**
[13] C

[51] Int.Cl. A61K 39/00 (2006.01) A61K 9/70 (2006.01) A61K 47/30 (2006.01) A61P 37/04 (2006.01)
[25] EN
[54] FILM WITH LATERALLY ADJOINED STRIP(S) FOR ADMINISTRATION OF A VACCINE
[54] FILM COMPRENANT UNE(DES) BANDE(S) LATERALEMENT CONTIGUE(S) POUR L'ADMINISTRATION D'UN VACCIN
[72] BOUSFIELD, MICHAEL, CA
[73] CA PHARMA INC., CA
[85] 2022-05-20
[86] 2021-08-13 (PCT/CA2021/051118)
[87] (WO2022/032395)
[30] US (63/065,828) 2020-08-14

[11] **3,163,427**
[13] C

[51] Int.Cl. C12N 1/20 (2006.01) C12P 13/04 (2006.01)
[25] EN
[54] METHOD FOR PRODUCING NOVEL MICROORGANISMS AND ERGOTHIONEINE
[54] PROCEDE DE PRODUCTION DE NOUVEAUX MICRO-ORGANISMES ET D'ERGOTHIONEINE
[72] KOSHIYAMA, TATSUYUKI, JP
[72] KANEKO, MUTSUMI, JP
[72] HIGASHIYAMA, YUKIHIRO, JP
[72] SATO, SHUN, JP
[72] MORITA, TOMOTAKE, JP
[72] SAIKA, AZUSA, JP
[73] KUREHA CORPORATION, JP
[73] NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, JP
[85] 2022-06-29
[86] 2020-08-06 (PCT/JP2020/030145)
[87] (WO2021/140693)
[30] JP (2020-002301) 2020-01-09

[11] **3,163,462**
[13] C

[51] Int.Cl. C07F 9/30 (2006.01) C07F 9/46 (2006.01) C07F 9/6584 (2006.01)
[25] EN
[54] METHOD FOR PREPARING L-GLUFOSINATE
[54] PROCEDE DE PREPARATION DE L-GLUFOSINATE
[72] LIU, YONGJIANG, CN
[72] CAI, JIE, CN
[72] XU, MIN, CN
[72] LIU, TINGYING, CN
[72] ZHOU, LEI, CN
[72] ZENG, WEI, CN
[72] CHENG, KE, CN
[72] YIN, YINGSUI, CN
[73] LIER CHEMICAL CO., LTD., CN
[73] GUANGAN LIER CHEMICAL CO., LTD., CN
[85] 2022-06-29
[86] 2021-07-20 (PCT/CN2021/107238)
[87] (WO2022/077989)
[30] CN (202011093594.7) 2020-10-14

Brevets canadiens délivrés
28 février 2023

[11] **3,165,638**

[13] C

- [51] Int.Cl. E21B 43/12 (2006.01) F04B
1/00 (2020.01) F04B 23/00 (2006.01)
F04B 47/00 (2006.01)
- [25] EN
- [54] SUBMERSIBLE PUMP ASSEMBLY
AND METHOD FOR USE OF
SAME
- [54] ENSEMBLE POMPE
SUBMERSIBLE ET SON PROCEDE
D'UTILISATION
- [72] OMAN, SIMON, US
- [72] NAGODE, MARKO, US
- [72] KLEMENC, JERNEJ, US
- [72] MAJDIC, FRANC, US
- [72] HOCEVAR, MARKO, US
- [72] GOSAR, ALES, US
- [72] SKRLEC, ANDREJ, US
- [72] OLAH, LASLO, US
- [73] HESS CORPORATION, US
- [85] 2022-07-21
- [86] 2020-12-28 (PCT/US2020/067202)
- [87] (WO2021/150353)
- [30] US (62/964,884) 2020-01-23

[11] **3,169,302**

[13] C

- [51] Int.Cl. G02B 7/192 (2021.01) G01K
7/22 (2006.01)
- [25] FR
- [54] SPACE OPTICAL INSTRUMENT
COMPRISING IMPROVED
THERMAL GUARD
- [54] INSTRUMENT OPTIQUE SPATIAL
COMPRENANT UNE GARDE
THERMIQUE AMELIOREE
- [72] CHARVET, DIDIER, FR
- [72] LE FOLL, SEBASTIEN, FR
- [73] AIRBUS DEFENCE AND SPACE
SAS, FR
- [85] 2022-08-24
- [86] 2021-03-01 (PCT/FR2021/050343)
- [87] (WO2021/176169)
- [30] FR (FR20 02084) 2020-03-02

[11] **3,167,997**

[13] C

- [51] Int.Cl. C12M 1/00 (2006.01) C12M
1/40 (2006.01)
- [25] EN
- [54] CONTINUOUS REACTOR WITH
CROSS FLOW FILTRATION
LOOP
- [54] REACTEUR CONTINU A BOUCLE
DE FILTRATION A COURANT
TRANSVERSAL
- [72] NORDVANG, RUNE THORBJORN,
GB
- [73] DAIRY CREST LIMITED, GB
- [85] 2022-08-12
- [86] 2021-03-08 (PCT/GB2021/050567)
- [87] (WO2021/186148)
- [30] GB (2004097.8) 2020-03-20

Canadian Applications Open to Public Inspection

February 12, 2023 to February 18, 2023

Demandes canadiennes mises à la disponibilité du public

12 février 2023 au 18 février 2023

[21] 3,127,896
[13] A1

[51] Int.Cl. H04W 4/30 (2018.01) G06N
20/00 (2019.01)
[25] EN
[54] SYSTEM AND METHOD FOR
PROVIDING ADVISORY
NOTIFICATIONS TO MOBILE
APPLICATIONS
[54] SYSTEME ET METHODE POUR
FOURNIR DES NOTIFICATIONS
D'AVERTISSEMENT AUX
APPLICATIONS MOBILES
[72] KARBASI, MARYAM, CA
[72] LI, VANESSA, CA
[72] HORVATH, PETER, CA
[72] LEE, MATTHEW JAMES, CA
[72] ROKNI, ROOZBEH, CA
[71] THE TORONTO-DOMINION BANK,
CA
[22] 2021-08-12
[41] 2023-02-12

[21] 3,127,975
[13] A1

[51] Int.Cl. B23K 9/20 (2006.01) B23K
37/02 (2006.01) B23K 37/04 (2006.01)
B25J 9/18 (2006.01)
[25] EN
[54] SHEAR STUD WELDING SYSTEM
[54] SYSTEME DE SOUDAGE DES
GOUJONS DE CISAILLEMENT
[72] KOPPELAAR, RYAN, CA
[72] SIEBER, KYLE, CA
[72] FEDEROV, VALERII, CA
[71] WALTERS INC., CA
[22] 2021-08-12
[41] 2023-02-12

[21] 3,127,984
[13] A1

[51] Int.Cl. B65H 75/34 (2006.01) B65H
79/00 (2006.01)
[25] EN
[54] UNIVERSAL ROLL UP
[54] ENROULEUR UNIVERSEL
[72] ROY, JAMES, CA
[71] ROY, JAMES, CA
[22] 2021-08-12
[41] 2023-02-12

[21] 3,128,117
[13] A1

[25] EN
[54] SYSTEM, METHOD, AND
APPARATUS FOR IDENTIFYING
CAUSES OF IMBALANCES IN
FACILITY OPERATIONS
[54] SYSTEME, METHODE ET
APPAREIL SERVANT A
DETERMINER LES CAUSES DES
DESEQUILIBRES DANS
L'EXPLOITATION
D'INSTALLATIONS
[72] BURGESS, IAN BRUCE, CA
[72] FUSCA, DANIEL, CA
[72] ASKERKA, MIKHAIL, CA
[72] WEINSTEIN, ADAM WILLIAM, CA
[71] VALIDERE TECHNOLOGIES INC.,
CA
[22] 2021-08-13
[41] 2023-02-13
[30] US (63/232,860) 2021-08-13

[21] 3,128,191
[13] A1

[51] Int.Cl. G06Q 20/10 (2012.01) G06Q
20/14 (2012.01)
[25] EN
[54] MULTI-PART REQUEST FOR
TRANSFERS
[54] DEMANDE DE TRANSFERT EN
PLUSIEURS PARTIES
[72] DUNJIC, MILOS, CA
[72] TAX, DAVID SAMUEL, CA
[72] RASTOGI, KUSHANK, CA
[72] FORSTER, CASEY JADE, CA
[72] SHAHED, SOMEA, CA
[72] INDEN, MARGARET ELIZABETH,
CA
[71] THE TORONTO-DOMINION BANK,
CA
[22] 2021-08-13
[41] 2023-02-13

[21] 3,128,220
[13] A1

[51] Int.Cl. H01M 4/62 (2006.01) H01M
10/0525 (2010.01)
[25] FR
[54] MODIFIED SURFACE
ELECTRODES, METHODS OF
PREPARATION, AND
ELECTROCHEMICAL USES
[54] ELECTRODES A SURFACE
MODIFIEE, PROCEDES DE
PREPARATION, ET
UTILISATIONS
ELECTROCHIMIQUES
[72] DELAPORTE, NICOLAS, CA
[72] COLLIN-MARTIN, STEVE, CA
[71] HYDRO-QUEBEC, CA
[22] 2021-08-13
[41] 2023-02-13

[21] 3,128,295
[13] A1

[51] Int.Cl. A63F 9/08 (2006.01)
[25] EN
[54] MANIPULATIVE PUZZLE MAZE
[54] LABYRINTHE DE CASSE-TETE A
MANIPULER
[72] SHAFIR, LEONID, CA
[71] SHAFIR, LEONID, CA
[22] 2021-08-13
[41] 2023-02-13

Demandes canadiennes mises à la disponibilité du public
12 février 2023 au 18 février 2023

<p>[21] 3,128,305 [13] A1</p> <p>[51] Int.Cl. H04L 9/32 (2006.01) G06F 21/44 (2013.01) G06F 9/44 (2018.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR AUTHENTICATING CLIENT DEVICES COMMUNICATING WITH AN ENTERPRISE SYSTEM</p> <p>[54] SYSTEME ET METHODE D'AUTHENTIFICATION DES DISPOSITIFS CLIENTS SERVANT A COMMUNIQUER AVEC UN SYSTEME D'ENTREPRISE</p> <p>[72] BOUFFARD, CHRISTIAN JOSEPH, CA</p> <p>[72] ALHAJYOUSEF, SAEED, CA</p> <p>[71] THE TORONTO-DOMINION BANK, CA</p> <p>[22] 2021-08-13</p> <p>[41] 2023-02-13</p>	<p>[21] 3,128,317 [13] A1</p> <p>[51] Int.Cl. B62H 3/00 (2006.01) B62H 3/12 (2006.01)</p> <p>[25] EN</p> <p>[54] BICYCLE WHEEL POSITIONING DEVICE</p> <p>[54] DISPOSITIF DE POSITIONNEMENT DE ROUE DE VELO</p> <p>[72] GU, HAIDONG, US</p> <p>[71] CYCLINGDEAL USA, INC., US</p> <p>[22] 2021-08-16</p> <p>[41] 2023-02-16</p>	<p>[21] 3,128,418 [13] A1</p> <p>[51] Int.Cl. E21D 20/02 (2006.01) E21D 21/00 (2006.01)</p> <p>[25] EN</p> <p>[54] RESIN-GROUTED ROCK BOLT ASSEMBLY WITH AN ADAPTED SEALING BUSH</p> <p>[54] ASSEMBLAGE DE BOULON D'ANCRAGE AVEC COULIS DE RESINE COMPRENANT UN MANCHON D'ETANCHEITE ADAPTE</p> <p>[72] ABREU, RUAL, ZA</p> <p>[72] PASTORINO, PAOLO ETTORE, ZA</p> <p>[72] CAWOOD, MARTIN, ZA</p> <p>[72] CROMPTON, BRENDAN ROBERT, ZA</p> <p>[71] INNOVATIVE MINING PRODUCTS (PTY) LTD, ZA</p> <p>[22] 2021-08-16</p> <p>[41] 2023-02-16</p>
<p>[21] 3,128,309 [13] A1</p> <p>[51] Int.Cl. B65G 7/00 (2006.01) A41D 13/05 (2006.01) B65G 7/12 (2006.01) F16M 13/04 (2006.01)</p> <p>[25] EN</p> <p>[54] POWER ZONE MAT</p> <p>[54] TAPIS DE ZONE DE PUISSANCE</p> <p>[72] NOUR EL DEAN, HANY, CA</p> <p>[71] NOUR EL DEAN, HANY, CA</p> <p>[22] 2021-08-16</p> <p>[41] 2023-02-16</p>	<p>[21] 3,128,326 [13] A1</p> <p>[51] Int.Cl. B60D 1/24 (2006.01) B60D 1/30 (2006.01) B60D 1/42 (2006.01)</p> <p>[25] FR</p> <p>[54] HITCH SYSTEM, VEHICLE EQUIPPED WITH SUCH A SYSTEM, ASSEMBLY KIT AND CORRESPONDING ASSEMBLY, OPERATION AND USE METHODS</p> <p>[54] SYSTEME D'ATTELAGE, VEHICULE POURVU D'UN TEL EQUIPEMENT, KIT POUR ASSEMBLER, ET METHODES D'ASSEMBLAGE, D'OPERATION ET D'UTILISATION CORRESPONDANTES</p> <p>[72] COURTEMANCHE, ALAIN, CA</p> <p>[71] GEA FARM TECHNOLOGIES CANADA INC., CA</p> <p>[22] 2021-08-16</p> <p>[41] 2023-02-16</p>	<p>[21] 3,128,546 [13] A1</p> <p>[51] Int.Cl. C12N 15/63 (2006.01) C12N 15/113 (2010.01) C12N 1/12 (2006.01) C12N 1/13 (2006.01) C12N 15/09 (2006.01) C12N 15/52 (2006.01) C12N 15/79 (2006.01) C12P 1/00 (2006.01) C12P 13/22 (2006.01) C12P 13/24 (2006.01) C12P 17/12 (2006.01) C12P 21/00 (2006.01)</p> <p>[25] EN</p> <p>[54] AUXOTROPHIC DIATOMS</p> <p>[54] DIATOMEES AUXOTROPES</p> <p>[72] EDGELL, DAVID R., CA</p> <p>[72] GLOOR, GREGORY B., CA</p> <p>[72] KARAS, BOGUMIL J., CA</p> <p>[72] SLATTERY, SAMUEL S., CA</p> <p>[72] GIGUERE, DANIEL, CA</p> <p>[72] WANG, HELEN, CA</p> <p>[71] THE UNIVERSITY OF WESTERN ONTARIO, CA</p> <p>[22] 2021-08-17</p> <p>[41] 2023-02-17</p>
<p>[21] 3,128,311 [13] A1</p> <p>[51] Int.Cl. C08J 3/24 (2006.01) B29C 48/25 (2019.01) B29B 17/00 (2006.01) C08J 3/20 (2006.01) C08L 21/00 (2006.01) C08L 23/02 (2006.01)</p> <p>[25] EN</p> <p>[54] APPARATUS AND METHOD FOR PRODUCING THERMOPLASTIC ELASTOMER, ELASTOMERS PRODUCED THEREBY AND ARTICLES PRODUCED FROM THE ELASTOMERS</p> <p>[54] APPAREIL ET METHODE POUR LA PRODUCTION D'UN ELASTOMERE THERMOPLASTIQUE, ELASTOMERES AINSI PRODUITS ET ARTICLES PRODUITS A PARTIR DES ELASTOMERES</p> <p>[72] EVANS, NEAL A. (DECEASED), US</p> <p>[71] SMITH, KEN, CA</p> <p>[22] 2021-08-16</p> <p>[41] 2023-02-16</p>	<p>[21] 3,128,385 [13] A1</p> <p>[51] Int.Cl. C05F 17/20 (2020.01) C05F 7/00 (2006.01) C05F 9/00 (2006.01) C05F 17/00 (2020.01)</p> <p>[25] EN</p> <p>[54] COMPOSITION FOR TREATING ORGANIC WASTE AND PRODUCTION OF LIQUID FERTILIZER</p> <p>[54] COMPOSITION POUR LE TRAITEMENT DES DECHETS ORGANIQUES ET LA PRODUCTION D'ENGRAIS LIQUIDE</p> <p>[72] NGUYEN, CAN, CA</p> <p>[71] NGUYEN, CAN, CA</p> <p>[22] 2021-08-13</p> <p>[41] 2023-02-13</p>	<p>[21] 3,128,560 [13] A1</p> <p>[51] Int.Cl. B62H 1/02 (2006.01)</p> <p>[25] EN</p> <p>[54] KICKSTAND FOR BIKES</p> <p>[54] BEQUILLE DE VELO</p> <p>[72] GU, HAIDONG, US</p> <p>[71] CYCLINGDEAL USA, INC., US</p> <p>[22] 2021-08-17</p> <p>[41] 2023-02-17</p>

Canadian Applications Open to Public Inspection
February 12, 2023 to February 18, 2023

<p style="text-align: right; margin-bottom: 0;">[21] 3,128,561</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. G06F 8/70 (2018.01)</p> <p>[25] EN</p> <p>[54] A PROCESSING METHOD, DEVICE, COMPUTER EQUIPMENT AND STORAGE MEDIUM FOR OPTIMIZING THE SIZE OF APP PACKAGE</p> <p>[54] METHODE DE TRAITEMENT, DISPOSITIF, MATERIEL INFORMATIQUE ET SUPPORT DE STOCKAGE POUR OPTIMISER LA TAILLER D'UN PAQUET D'APPLICATION</p> <p>[72] ZHOU, XUYANG, CN</p> <p>[72] LIU, JIANGUO, CN</p> <p>[71] 10353744 CANADA LTD., CA</p> <p>[22] 2021-10-18</p> <p>[41] 2023-02-17</p> <p>[30] CN (202010828488.2) 2020-08-17</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,129,779</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. A63C 3/04 (2006.01) A63B 69/00 (2006.01)</p> <p>[25] EN</p> <p>[54] ICE SKATING AID</p> <p>[54] SUPPORT DE PATINAGE SUR GLACE</p> <p>[72] PLIZGA, CRAIG, US</p> <p>[71] PLIZGA, CRAIG, US</p> <p>[22] 2021-09-01</p> <p>[41] 2023-02-12</p> <p>[30] US (17/400,399) 2021-08-12</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,131,374</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. H04L 69/24 (2022.01) H04L 67/62 (2022.01) H04L 67/75 (2022.01) G06Q 20/14 (2012.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR UPDATING INTERFACE ELEMENTS BASED ON REAL-TIME TRANSFER PROTOCOL AVAILABILITY</p> <p>[54] SYSTEME ET METHODE DE MISE A JOUR D'ELEMENTS D'INTERFACE FONDES SUR LA DISPONIBILITE DU PROTOCOLE DE TRANSFERT EN TEMPS REEL</p> <p>[72] TAX, DAVID SAMUEL, CA</p> <p>[72] RASTOGI, KUSHANK, CA</p> <p>[72] DUNJIC, MILOS, CA</p> <p>[72] LALKA, VIPUL KISHORE, CA</p> <p>[72] PRENDERGAST, JONATHAN JOSEPH, CA</p> <p>[71] THE TORONTO-DOMINION BANK, CA</p> <p>[22] 2021-09-20</p> <p>[41] 2023-02-12</p> <p>[30] US (17/400,756) 2021-08-12</p>
<p style="text-align: right; margin-bottom: 0;">[21] 3,128,575</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. B66F 9/12 (2006.01) A01D 87/12 (2006.01) B65G 67/02 (2006.01)</p> <p>[25] EN</p> <p>[54] APPARATUS FOR LOADING AND STORING LARGE BALES</p> <p>[54] APPAREIL POUR CHARGER ET STOCKER DE GROSSES BALLES AGRICOLES</p> <p>[72] MCKAY, HOWARD, CA</p> <p>[71] PENNO'S MACHINING AND MANUFACTURING LTD., CA</p> <p>[22] 2021-08-18</p> <p>[41] 2023-02-18</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,130,680</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. A23D 7/00 (2006.01) A23L 33/115 (2016.01) A23D 7/02 (2006.01) C11C 3/00 (2006.01) C11C 3/06 (2006.01) C12N 9/20 (2006.01)</p> <p>[25] EN</p> <p>[54] STRUCTURAL LIPIDS</p> <p>[54] LIPIDES STRUCTURAUX</p> <p>[72] MARANGONI, ALEJANDRO, CA</p> <p>[72] NICHOLSON, REED A., CA</p> <p>[71] MARANGONI, ALEJANDRO, CA</p> <p>[71] NICHOLSON, REED A., CA</p> <p>[22] 2021-09-13</p> <p>[41] 2023-02-16</p> <p>[30] US (17/403297) 2021-08-16</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,130,917</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. H04L 67/60 (2022.01) H04L 67/02 (2022.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR PROCESSING REQUESTS FOR REAL-TIME TRANSFERS OF RESOURCES</p> <p>[54] SYSTEMES ET METHODES DE TRAITEMENT DES DEMANDES DE TRANSFERT DE RESSOURCES EN TEMPS REEL</p> <p>[72] PRENDERGAST, JONATHAN JOSEPH, CA</p> <p>[72] KELLY, THOMAS OSMAN, CA</p> <p>[72] JONES, CHRISTOPHER MARK, CA</p> <p>[72] PATEL, HARSHAD LAXMANBHAI, CA</p> <p>[71] THE TORONTO-DOMINION BANK, CA</p> <p>[22] 2021-09-15</p> <p>[41] 2023-02-13</p> <p>[30] US (17/401,465) 2021-08-13</p>
<p style="text-align: right; margin-bottom: 0;">[21] 3,128,639</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. E02B 15/04 (2006.01) B63B 21/02 (2006.01) B63B 21/56 (2006.01) B63B 35/32 (2006.01) E02B 15/06 (2006.01)</p> <p>[25] EN</p> <p>[54] REMOVABLE CONTAINMENT BOOM ANCHOR</p> <p>[54] ANCRAGE DE BARRAGE FLOTTANT AMOVIBLE</p> <p>[72] CHEWINS, ELLIOTT, CA</p> <p>[72] MILLER, AARON WILLIAM, CA</p> <p>[71] CHEWINS, ELLIOTT, CA</p> <p>[71] MILLER, AARON WILLIAM, CA</p> <p>[22] 2021-08-19</p> <p>[41] 2023-02-16</p> <p>[30] US (17/403563) 2021-08-16</p>		

Demandes canadiennes mises à la disponibilité du public

12 février 2023 au 18 février 2023

[21] 3,140,628

[13] A1

- [51] Int.Cl. E02D 31/02 (2006.01) B32B 7/12 (2006.01) B32B 9/00 (2006.01) E04B 1/62 (2006.01)
[25] EN
[54] BELOW GRADE, BLIND SIDE, IMPROVED DUAL WATERPROOFING MEMBRANE ASSEMBLY INCORPORATING A BENTONITE SHEET WATERPROOFING MEMBRANE, AND A SHEET MEMBRANE WITH ADHESIVE TO FULLY BOND TO CONCRETE/SHOTCRETE, AND A METHOD OF MAKING, AND USING SAME
[54] ENSEMBLE DE MEMBRANE D'ETANCHEITE DOUBLE SANS VISIBILITE AMELIOREE, SOUS LE NIVEAU DU SOL INTEGRANT UNE MEMBRANE D'ETANCHEITE D'UNE FEUILLE BENTONITE, ET UNE MEMBRANE DE FEUILLE AVEC ADHESIF POUR SE LIER COMPLETEMENT AU BETON OU BETON PROJETE, ET PROCEDE DE FABRICATION, ET UTILISATION DUDIT ENSEMBLE
[72] RUDYAN, AMIR, US
[71] RUDYAN, AMIR, US
[22] 2021-11-29
[41] 2023-02-17
[30] US (17/404,964) 2021-08-17
-

[21] 3,145,748

[13] A1

- [51] Int.Cl. A63B 43/06 (2006.01) F21K 9/00 (2016.01) H02J 50/00 (2016.01) H05B 45/00 (2022.01) A63B 67/14 (2006.01) F21L 4/08 (2006.01) F21V 33/00 (2006.01) H02J 7/02 (2016.01)
[25] EN
[54] ILLUMINATED HOCKEY PUCK ASSEMBLY
[54] ASSEMBLAGE DE RONDELLE DE HOCKEY ILLUMINEE
[72] CZECH, STEPHEN, US
[72] CZECH, MATTHEW, US
[71] CZECH, STEPHEN, US
[71] CZECH, MATTHEW, US
[22] 2022-01-14
[41] 2023-02-18
[30] US (17/405,481) 2021-08-18
-

[21] 3,146,622

[13] A1

- [51] Int.Cl. F16M 11/24 (2006.01) A47B 5/00 (2006.01) A47B 9/14 (2006.01) A47B 13/06 (2006.01) A47B 96/00 (2006.01)
[25] EN
[54] ADJUSTABLE SUPPORT ASSEMBLING MEMBER
[54] ELEMENT D'ASSEMBLAGE DE SUPPORT AJUSTABLE
[72] HUANG, YIMING, CA
[71] HUANG, YIMING, CA
[22] 2022-01-25
[41] 2023-02-16
[30] CN (202121908010.7) 2021-08-16
-

[21] 3,150,569

[13] A1

- [51] Int.Cl. A24F 40/57 (2020.01) A24F 40/465 (2020.01) H05B 6/06 (2006.01) H05B 6/10 (2006.01)
[25] EN
[54] HEATING ASSEMBLY
[54] ASSEMBLAGE DE CHAUFFAGE
[72] LIU, TUANFANG, CN
[71] SHENZHEN EIGATE TECHNOLOGY CO., LTD., CN
[22] 2022-03-01
[41] 2023-02-17
[30] CN (202110942644.2) 2021-08-17
[30] CN (202121936364.2) 2021-08-17
-

[21] 3,151,978

[13] A1

- [51] Int.Cl. B32B 25/08 (2006.01) A41D 31/18 (2019.01) D03D 15/275 (2021.01) D03D 15/283 (2021.01) D03D 15/50 (2021.01) D03D 15/56 (2021.01) B32B 25/10 (2006.01) B32B 27/02 (2006.01) B32B 27/18 (2006.01)
[25] EN
[54] RUBBER STRIP COMPRESSION GARMENT FABRIC AND PREPARATION METHOD THEREOF
[54] TISSU DE VETEMENT DE COMPRESSION A BANDES DE CAOUTCHOUC ET METHODE DE PREPARATION
[72] XUN, WEI, CN
[71] XUN, WEI, CN
[22] 2022-03-10
[41] 2023-02-18
[30] CN (202110948005.7) 2021-08-18
-

[21] 3,154,786

[13] A1

- [51] Int.Cl. G06Q 10/04 (2023.01) G06Q 50/20 (2012.01)
[25] EN
[54] SYSTEMS AND METHODS FOR OPTIMIZING DATA SHARING IN RELATION TO A PLURALITY OF ADMISSION APPLICATIONS
[54] SYSTEMES ET METHODES POUR OPTIMISER LE PARTAGE DES DONNEES EN FONCTION DE PLUSIEURS DEMANDES D'ADMISSION
[72] ALDWORTH, MICHAEL, CA
[72] BEDI, SUKHPREET KAUR, CA
[72] GIESBRECHT, DENNIS NEIL, CA
[72] HESCH, WAYNE EDWARD JASON, CA
[72] JEYAKUMAR, ELIZA, CA
[72] LOPEZ RODRIGEZ, OANA, CA
[72] MUKADDAM, SAHEEM SHAHABUDDIN, CA
[72] SHARMA, NIPUN, CA
[72] SALAZAR, JAIME ANDRES VALENCIA, CA
[72] WILLIAMSON, MICHAEL ARMAN, CA
[71] OCAS, CA
[22] 2022-03-31
[41] 2023-02-13
[30] US (17/445,015) 2021-08-13
-

[21] 3,155,616

[13] A1

- [51] Int.Cl. A24F 40/46 (2020.01) A24F 40/40 (2020.01)
[25] EN
[54] HEATING ELEMENT, AEROSOL PRODUCER, AND AEROSOL ARTICLE
[54] ELEMENT CHAUFFANT, GENERATEUR D'AEROSOL ET ARTICLE D'AEROSOL
[72] LIU, TUANFANG, CN
[71] SHENZHEN EIGATE TECHNOLOGY CO., LTD., CN
[22] 2022-04-19
[41] 2023-02-17
[30] CN (202110941938.3) 2021-08-17
[30] CN (202121930739.4) 2021-08-17

Canadian Applications Open to Public Inspection
February 12, 2023 to February 18, 2023

[21] 3,156,398 [13] A1 [51] Int.Cl. G07C 11/00 (2006.01) H04W 12/084 (2021.01) G07C 9/29 (2020.01) [25] EN [54] SYSTEM, METHOD, AND PROGRAM FOR CONTROLLING ACCESS TO A MACHINE OR EQUIPMENT [54] SYSTEME, METHODE ET PROGRAMME POUR CONTROLE L'ACCES A UNE MACHINE OU A UN EQUIPEMENT [72] PERES, TAMIR, US [72] GUPTA, SUNIL, US [72] LAYSON, VANESSA, US [72] PANDYA, SURAJ, US [71] HERC RENTALS INC., US [22] 2022-04-25 [41] 2023-02-14 [30] US (63/299,868) 2022-01-14 [30] US (17/683,459) 2022-03-01
--

[21] 3,157,295 [13] A1 [51] Int.Cl. H01M 4/1397 (2010.01) H01M 4/136 (2010.01) H01M 4/62 (2006.01) H01M 10/052 (2010.01) [25] EN [54] PREPARATION METHOD OF CATHODE MATERIAL FOR SECONDARY BATTERY [54] METHODE DE PREPARATION D'UN MATERIAU DE CATHODE POUR UNE BATTERIE SECONDAIRE [72] HUANG, CHEN-YI, TW [72] HSIEH, HAN-WEI, TW [72] LIN, YUAN-KA, TW [72] WANG, CHUEH-HAN, TW [71] ADVANCED LITHIUM ELECTROCHEMISTRY CO., LTD., TW [22] 2022-04-26 [41] 2023-02-17 [30] TW (110130344) 2021-08-17
--

[21] 3,158,031 [13] A1 [51] Int.Cl. E01H 1/05 (2006.01) [25] EN [54] SYSTEM AND METHOD FOR PROVIDING A TRANSIENT POWER ASSIST FEATURE IN A MOTOR VEHICLE [54] SYSTEME ET METHODE POUR FOURNIR UNE FONCTION D'ASSISTANCE DE PUISSANCE TRANSITOIRE DANS UN VEHICULE MOTORISE [72] GILES, BRIAN, US [71] SCHWARZE INDUSTRIES, INC., US [22] 2022-05-06 [41] 2023-02-18 [30] US (17/718,961) 2022-04-12 [30] US (63/234,690) 2021-08-18
--

[21] 3,158,656 [13] A1 [25] EN [54] SYSTEM AND METHOD OF INTEGRATING TEXT MESSAGING READ NOTIFICATION WITH AN EMR SYSTEM [54] SYSTEME ET METHODE D'INTEGRATION D'ACCUSE DE LECTURE PAR MESSAGERIE TEXTUELLE AVEC UN SYSTEME DE DOSSIER MEDICAL ELECTRONIQUE (DME) [72] CHEUNG, TOMMY TSZ HIM, CA [71] TELEDACT INC., CA [22] 2022-05-09 [41] 2023-02-12 [30] US (63/232424) 2021-08-12 [30] US (63/232427) 2021-08-12

[21] 3,158,400 [13] A1 [51] Int.Cl. E05B 9/00 (2006.01) E05B 15/00 (2006.01) [25] EN [54] DOOR LOCK ASSEMBLY INCLUDING WEATHERIZATION [54] ASSEMBLAGE DE SERRURE DE PORTE COMPRENANT L'INTEMPERISATION [72] LEITES, RICK, US [72] PALMIERI, ERIC, US [72] RAMACHANDRAN, SHARATH, US [72] MORSTATT, SCOTT, US [72] CLARK, DOUGLAS, US [71] ASSA ABLOY ACCESS AND EGRESS HARDWARE GROUP, INC., US [22] 2022-05-05 [41] 2023-02-13 [30] US (63/232861) 2021-08-13

[21] 3,160,558 [13] A1 [51] Int.Cl. E05B 15/00 (2006.01) [25] EN [54] DOOR LOCK ASSEMBLY WITH KEYLESS HANDLE [54] ASSEMBLAGE DE SERRURE DE PORTE AVEC POIGNEE SANS CLE [72] CLARK, DOUGLAS, US [72] LEITES, RICK, US [72] MORSTATT, SCOTT, US [72] PALMIERI, ERIC, US [72] RAMACHANDRAN, SHARATH, US [71] ASSA ABLOY ACCESS AND EGRESS HARDWARE GROUP, INC., US [22] 2022-05-27 [41] 2023-02-13 [30] US (63/232871) 2021-08-13
--

Demandes canadiennes mises à la disponibilité du public
12 février 2023 au 18 février 2023

[21] 3,161,015
[13] A1
[51] Int.Cl. B64D 47/00 (2006.01) G08G 5/00 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR CONFIRMING IDENTITY AND LOCATION OF AN AIRCRAFT WITHIN AN AIRSPACE
[54] SYSTEMES ET METHODES POUR CONFIRMER L'IDENTITE ET L'EMPLACEMENT D'UN AERONEF DANS UN ESPACE AERIEN
[72] KIMBERLY, GREGORY, US
[72] KIM, JAE H., US
[71] THE BOEING COMPANY, US
[22] 2022-05-27
[41] 2023-02-18
[30] US (17/405,417) 2021-08-18

[21] 3,162,116
[13] A1
[51] Int.Cl. E04B 1/00 (2006.01) E04B 1/35 (2006.01) E04G 21/00 (2006.01)
[25] EN
[54] METHOD FOR ASSEMBLING A BUILDING USING CONCRETE COLUMNS
[54] METHODE D'ASSEMBLAGE D'UN BATIMENT AU MOYEN DE COLONNES DE BETON
[72] WALDNER, PAUL, CA
[71] CAN-AMERICAN CORRUGATING CO. LTD., CA
[22] 2022-06-09
[41] 2023-02-14

[21] 3,164,761
[13] A1
[51] Int.Cl. F21V 19/00 (2006.01)
[25] EN
[54] LAMP HOLDER HAVING GUIDE KEYWAYS FOR LED LIGHT SOURCE
[54] DOUILLE DE LAMPE COMPRENANT DES LOGEMENTS DE CLAVETTE GUIDES POUR UNE SOURCE LUMINEUSE A DEL
[72] WANG, ZHAOJUN, CN
[71] TIANTAI TIANYU OPTOELECTRONIC CO., LTD., CN
[22] 2022-06-22
[41] 2023-02-16
[30] CN (202110936093.9) 2021-08-16

[21] 3,167,465
[13] A1
[51] Int.Cl. B29C 64/40 (2017.01)
[25] EN
[54] APPARATUSES AND METHODS FOR REDUCING VIBRATION OF 3D PRINTERS
[54] APPAREILS ET METHODES PERMETTANT DE REDUIRE LES VIBRATIONS DES IMPRIMANTES 3D
[72] SAWATSKY, ASHLEY, CA
[71] SAWATSKY, ASHLEY, CA
[22] 2022-07-13
[41] 2023-02-12
[30] US (17400372) 2021-08-12

[21] 3,168,152
[13] A1
[51] Int.Cl. G01N 25/02 (2006.01) G01B 21/08 (2006.01) G01V 9/00 (2006.01)
[25] EN
[54] ICE THICKNESS TRANSDUCER
[54] TRANSDUCTEUR D'EPAISSEUR DE GLACE
[72] WEERES, STEVEN R., US
[71] WEERES, STEVEN R., US
[22] 2022-08-12
[41] 2023-02-14
[30] US (17/402,537) 2021-08-14

[21] 3,167,527
[13] A1
[51] Int.Cl. H01M 8/0228 (2016.01) H01M 8/1246 (2016.01) C25B 9/65 (2021.01) C23F 15/00 (2006.01) C25B 1/04 (2021.01)
[25] EN
[54] METAL COMPONENT FOR ELECTROCHEMICAL STACK AND ELECTROCHEMICAL STACK
[54] COMPOSANT METALLIQUE POUR PILE ELECTROCHIMIQUE ET PILE ELECTROCHIMIQUE
[72] INUZUKA, RIKO, JP
[72] KAMEDA, TSUNEJI, JP
[72] ASAYAMA, MASAHIRO, JP
[72] OSADA, NORIKAZU, JP
[72] KOBAYASHI, SHOHEI, JP
[71] TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION, JP
[22] 2022-07-13
[41] 2023-02-13
[30] JP (2021-132001) 2021-08-13

[21] 3,168,154
[13] A1
[51] Int.Cl. D06F 53/00 (2006.01) B66C 21/04 (2006.01) B66D 1/60 (2006.01)
[25] EN
[54] CLOTHES LINE HANDLING DEVICE
[54] DISPOSITIF DE MANIPULATION DE CORDE A LINGE
[72] THERRIEN, ALAIN, CA
[72] THERRIEN, KEVIN, CA
[71] THERRIEN, ALAIN, CA
[71] THERRIEN, KEVIN, CA
[22] 2022-08-11
[41] 2023-02-13
[30] GB (2111656.1) 2021-08-13

[21] 3,168,155
[13] A1
[51] Int.Cl. E04F 19/02 (2006.01) E04F 13/07 (2006.01)
[25] EN
[54] GRIPPING CORNERBREAD
[54] CORNIERE DE PREHENSION
[72] NEIL, JOHN, US
[72] STAROZHITSKY, MICHAEL, US
[72] STARR, DAVID, US
[71] NOLL/NORWESCO LLC., US
[22] 2022-08-11
[41] 2023-02-12
[30] US (63/232,242) 2021-08-12
[30] US (17/860,543) 2022-07-08

[21] 3,168,012
[13] A1
[51] Int.Cl. A63B 69/00 (2006.01) A63B 63/08 (2006.01)
[25] EN
[54] BASKETBALL TRAINING APPARATUS
[54] APPAREIL D'ENTRAINEMENT AU BASKETBALL
[72] CHAN, MICHAEL, CA
[71] CHAN, MICHAEL, CA
[22] 2022-07-18
[41] 2023-02-17
[30] US (63/234,023) 2021-08-17

Canadian Applications Open to Public Inspection
February 12, 2023 to February 18, 2023

[21] **3,168,159**

[13] A1

- [51] Int.Cl. E04F 19/02 (2006.01) E04F 13/06 (2006.01)
- [25] EN
- [54] GROOVED CORNERBEAD
- [54] CORNIERE RAINUREE
- [72] NEIL, JOHN, US
- [72] STAROZHITSKY, MICHAEL, US
- [72] STARR, DAVID, US
- [71] NOLL/NORWESCO LLC., US
- [22] 2022-08-11
- [41] 2023-02-12
- [30] US (63/232,246) 2021-08-12
- [30] US (17/874,885) 2022-07-27

[21] **3,168,297**

[13] A1

- [51] Int.Cl. E04B 2/88 (2006.01) E04F 13/08 (2006.01) E04F 13/24 (2006.01)
- [25] EN
- [54] FACADE FASTENING SYSTEM HAVING PROFILE ELEMENTS
- [54] SYSTEME DE FIXATION DE FAÇADE COMPORTEANT DES ELEMENTS PROFILES
- [72] KUSTER, HANSPIETER, GB
- [72] MAIR, ROLAND, GB
- [72] KEMP, BEN, GB
- [71] SFS GROUP INTERNATIONAL AG, CH
- [22] 2022-07-20
- [41] 2023-02-12
- [30] EP (EP21191138.3) 2021-08-12

[21] **3,168,302**

[13] A1

- [51] Int.Cl. A01B 15/16 (2006.01) A01B 19/10 (2006.01) A01B 23/06 (2006.01)
- [25] EN
- [54] GAUGE WHEEL SCRAPER FOR OPENER DISC
- [54] GRATTOIR DE ROUE DE JAUGE POUR UN DISQUE RAYONNEUR
- [72] KROTH, ROGERIO L., BR
- [71] DEERE & COMPANY, US
- [22] 2022-07-15
- [41] 2023-02-16
- [30] US (17/403,059) 2021-08-16

[21] **3,168,309**

[13] A1

- [51] Int.Cl. E04G 21/14 (2006.01) E04B 1/18 (2006.01) E04B 1/38 (2006.01) E04B 1/82 (2006.01) E04B 1/84 (2006.01)
- [25] EN
- [54] BUILDING CORE AND KIT FOR ASSEMBLY
- [54] NOYAU D'IMMEUBLE ET TROUSSE D'ASSEMBLAGE
- [72] OLUND, BRENT G., CA
- [71] OLUND, BRENT G., CA
- [22] 2022-08-16
- [41] 2023-02-16
- [30] US (63/233,342) 2021-08-16

[21] **3,168,380**

[13] A1

- [51] Int.Cl. F15B 15/08 (2006.01) F15B 15/20 (2006.01)
- [25] EN
- [54] RADIAL PISTON HYDRAULIC MOTOR COMPRISING HOLLOW ROTATING SHAFT INSIDE THE MOTOR
- [54] MOTEUR HYDRAULIQUE A PISTONS RADIAUX DOTE D'UN ARBRE ROTATIF CREUX A L'INTERIEUR
- [72] ALBERT, LAURENT EUGENE, FR
- [72] YLA-MONONEN, TERO, FI
- [71] BLACK BRUIN OY, FI
- [22] 2022-07-20
- [41] 2023-02-12
- [30] FI (20215849) 2021-08-12

[21] **3,168,684**

[13] A1

- [51] Int.Cl. B66C 1/30 (2006.01) B66C 1/58 (2006.01)
- [25] EN
- [54] GRAPPLE FOR FORMWORK PANELS
- [54] GRAPPIN POUR PANNEAUX DE COFFRAGE
- [72] SOUCY, GABRIEL, CA
- [71] SOUCY, GABRIEL, CA
- [22] 2022-07-25
- [41] 2023-02-12
- [30] US (63/232,466) 2021-08-12

[21] **3,168,865**

[13] A1

- [51] Int.Cl. G01T 3/00 (2006.01)
- [25] EN
- [54] BORON TRIFLUORIDE AS A QUENCH GAS FOR NEUTRON PROPORTIONAL COUNTERS
- [54] TRIFLUORURE DE BORE EN TANT QUE GAZ DE TREMPE POUR COMPTEURS PROPORTIONNELS DE NEUTRONS
- [72] FREEMAN, CHRISTOPHER, US
- [71] BAKER HUGHES HOLDINGS LLC, US
- [22] 2022-07-22
- [41] 2023-02-13
- [30] US (17/401988) 2021-08-13

[21] **3,168,984**

[13] A1

- [51] Int.Cl. F01D 25/28 (2006.01) F01D 25/24 (2006.01) F02C 7/20 (2006.01) F02K 1/80 (2006.01)
- [25] EN
- [54] TURBOMACHINE COMPONENTS INCLUDING CASTELLATION FLANGES AND METHODS FOR COUPLING TURBOMACHINE COMPONENTS
- [54] COMPOSANTS DE TURBOMACHINE COMPRENANT DES BRIDES CRENELEES ET METHODES DE COUPLAGE DES COMPOSANTS DE TURBOMACHINE
- [72] ALSTAD, SHAWN, US
- [72] LISTON, LAURENCE D.N., US
- [71] HONEYWELL INTERNATIONAL INC., US
- [22] 2022-07-22
- [41] 2023-02-13
- [30] US (17/444,998) 2021-08-13

Demandes canadiennes mises à la disponibilité du public
12 février 2023 au 18 février 2023

<p>[21] 3,169,436 [13] A1</p> <p>[25] EN [54] SYSTEMS AND METHODS FOR AUTO-TIERED DATA STORAGE FOR DATA INTENSIVE APPLICATIONS [54] SYSTEMES ET METHODES DE STOCKAGE DE DONNEES DE HIERARCHISATION AUTOMATIQUE POUR APPLICATIONS A GRAND VOLUME DE DONNEES [72] QUEGUINER, JEAN-LOUIS, FR [72] RUTY, GUILLAUME, FR [71] OVH, FR [22] 2022-08-03 [41] 2023-02-13 [30] EP (21306119.5) 2021-08-13</p>	<p>[21] 3,169,681 [13] A1</p> <p>[51] Int.Cl. C10G 1/04 (2006.01) B01F 27/91 (2022.01) B01F 35/50 (2022.01) B01D 21/01 (2006.01)</p> <p>[25] EN [54] SOLIDS FLOCCULATION/AGGLOMERATION IN SOLVENT EXTRACTION OF BUTIMEN FROM OIL SAND</p> <p>[54] FLOCULATION/AGGLOMERATION DE SOLIDES DANS L'EXTRACTION DE SOLVANT DU BITUME DE SABLE BITUMINEUX</p> <p>[72] WU, XIN ALEX, CA [72] BHATTACHARYA, SUJIT, CA [71] SYNCRUE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA</p> <p>[22] 2022-08-05 [41] 2023-02-18 [30] US (63/234,572) 2021-08-18</p>	<p>[21] 3,169,906 [13] A1</p> <p>[51] Int.Cl. B60W 30/095 (2012.01) B60W 30/09 (2012.01) B60W 60/00 (2020.01)</p> <p>[25] EN [54] VEHICLE CONTROL SYSTEM AND METHOD [54] SYSTEME ET METHODE DE COMMANDE DE VEHICULE</p> <p>[72] MANJUNATH, AVINASH HASSAN, IN [72] CLIFTON, STEVEN GUY, AU [71] TRANSPORTATION IP HOLDINGS, LLC, US [22] 2022-08-08 [41] 2023-02-17 [30] US (17/404,980) 2021-08-17</p>
<p>[21] 3,169,552 [13] A1</p> <p>[51] Int.Cl. A01D 57/26 (2006.01) A01D 57/00 (2006.01)</p> <p>[25] EN [54] AGRICULTURAL MACHINES AND METHODS FOR CONTROLLING WINDROW PROPERTIES</p> <p>[54] MACHINES AGRICOLES ET METHODES POUR CONTROLER DES CARACTERISTIQUES D'ANDAIN</p> <p>[72] HAMILTON, KEVIN J., US [72] HONEYMAN, FRIEDRICH ROBERT, US [72] BUSENITZ, BRIAN, US [71] AGCO CORPORATION, US [22] 2022-08-04 [41] 2023-02-16 [30] US (63/260,314) 2021-08-16</p>	<p>[21] 3,169,844 [13] A1</p> <p>[51] Int.Cl. F02C 9/18 (2006.01) F01D 25/10 (2006.01)</p> <p>[25] EN [54] METHODS AND SYSTEMS FOR OPERATING AN ENGINE TO GENERATE ADDITIONAL THRUST</p> <p>[54] METHODES ET SYSTEMES POUR FAIRE FONCTIONNER UN MOTEUR AFIN DE PRODUIRE UNE POUSSÉE SUPPLEMENTAIRE</p> <p>[72] DROLET, MARTIN, CA [72] DEMERS, FRANCIS, CA [71] PRATT & WHITNEY CANADA CORP., CA [22] 2022-08-04 [41] 2023-02-13 [30] US (17/402,352) 2021-08-13</p>	<p>[21] 3,169,911 [13] A1</p> <p>[51] Int.Cl. B66F 9/075 (2006.01)</p> <p>[25] EN [54] MAST HEIGHT ROTARY ENCODER</p> <p>[54] CODEUR ROTATIF SERVANT A DETERMINER LA HAUTEUR DE MAT</p> <p>[72] SCHLINK, ALEXANDER, US [72] SIMPSON, BRIAN, US [71] TOYOTA MATERIAL HANDLING, INC., US [22] 2022-08-11 [41] 2023-02-12 [30] US (63/232,364) 2021-08-12</p>
<p>[21] 3,169,562 [13] A1</p> <p>[51] Int.Cl. A47C 31/11 (2006.01)</p> <p>[25] EN [54] CUSHION PROTECTOR FOR OUTDOOR FURNITURE</p> <p>[54] PROTECTEUR DE COUSSIN POUR UN MOBILIER EXTERIEUR</p> <p>[72] STYRC, JACEK, CA [71] 2724889 ONTARIO INC., CA [22] 2022-08-04 [41] 2023-02-17 [30] US (63/233,967) 2021-08-17</p>	<p>[21] 3,169,921 [13] A1</p> <p>[51] Int.Cl. E21B 43/24 (2006.01) E21B 43/30 (2006.01)</p> <p>[25] EN [54] END OF LIFE RECOVERY OF MOBILIZED HYDROCARBONS</p> <p>[54] RECUPERATION D'HYDROCARBURES MOBILISES EN FIN DE VIE</p> <p>[72] CHINEME, EMEKA, CA [72] KOCHHAR, ISHAN, CA [72] BUTTERWICK, DAVID, CA [71] CENOVUS ENERGY INC., CA [22] 2022-08-11 [41] 2023-02-13 [30] US (63/232,905) 2021-08-13</p>	

Canadian Applications Open to Public Inspection
February 12, 2023 to February 18, 2023

<p style="text-align: right; margin-top: -10px;">[21] 3,169,970</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN [54] METHOD FOR PROTECTING A RECONFIGURABLE DIGITAL INTEGRATED CIRCUIT AGAINST REVERSIBLE ERRORS [54] METHODE SERVANT A PROTEGER UN CIRCUIT INTEGRE NUMERIQUE RECONFIGURABLE CONTRE LES ERREURS RECTIFIABLES [72] OSTER, YANN, FR [71] THALES, FR [22] 2022-08-11 [41] 2023-02-12 [30] FR (2108653) 2021-08-12</p>	<p style="text-align: right; margin-top: -10px;">[21] 3,170,030</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN [54] DC BUS VOLTAGE CONTROL [54] REGULATEUR DE TENSION POUR BARRE OMNIBUS POUR COURANT CONTINU [72] FREER, RICHARD, CA [71] PRATT & WHITNEY CANADA CORP., CA [22] 2022-08-08 [41] 2023-02-13 [30] US (17/402,474) 2021-08-13</p>	<p style="text-align: right; margin-top: -10px;">[21] 3,170,091</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A62C 37/50 (2006.01) A62C 35/20 (2006.01) G01D 11/24 (2006.01) [25] EN [54] SENSOR CONDUIT SUPPORT STRUCTURE [54] STRUCTURE SUPPORT POUR CONDUIT DE CAPTEUR [72] PEARSON SMITH, JUSTIN, US [72] SMITH, JOHN P., US [72] JANKA, KEVIN, US [72] ROSE, MICHEAL, US [72] HOPKINS, MARK, US [71] SILVERSMITH, INC., US [22] 2022-08-10 [41] 2023-02-12 [30] US (63/232,332) 2021-08-12</p>
<p style="text-align: right; margin-top: -10px;">[21] 3,170,007</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN [54] AUTOMATIC CREDIT REPORTING AUTHORIZING METHOD, SYSTEM AND ELECTRONIC EQUIPMENT [54] METHODE, SYSTEME ET MATERIEL ELECTRONIQUE AUTOMATIQUES POUR AUTORISATION D'EVALUATION DE CREDIT [72] ZHAO, LEI, CN [72] ZHAO, PENG, CN [72] LIU, PEIBIN, CN [71] 10353744 CANADA LTD., CA [22] 2022-08-11 [41] 2023-02-12 [30] CN (202110923827.X) 2021-08-12</p>	<p style="text-align: right; margin-top: -10px;">[21] 3,170,078</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A61G 12/00 (2006.01) [25] EN [54] MEDICAL STATION WITH MATERIAL COLLECTION POINTS AND CHANNELS [54] POSTE SANITAIRE AVEC POINTS ET CANAUX DE COLLECTE DES MATERIAUX [72] ARROYO, NOE, US [72] HOARD, DAVID, US [71] CAREFUSION 303, INC., US [22] 2022-08-09 [41] 2023-02-13 [30] US (63/232942) 2021-08-13</p>	<p style="text-align: right; margin-top: -10px;">[21] 3,170,096</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN [54] REAL-TIME PROVISIONING OF TARGETED DIGITAL CONTENT ASSOCIATED WITH AN INITIATED DATA EXCHANGE BASED ON STRUCTURED MESSAGING DATA [54] FOURNITURE EN TEMPS REEL DE CONTENU NUMERIQUE CIBLE ASSOCIE A UN ECHANGE DE DONNEES AMORCE EN FONCTION DE DONNEES DE MESSAGERIE STRUCTUREES [72] JONES, CHRISTOPHER MARK, CA [72] BAIRD, JR., BARRY WAYNE, CA [72] LAWRENCE, JR., CLAUDE BERNELL, CA [72] PRENDERGAST, JONATHAN JOSEPH, CA [71] THE TORONTO-DOMINION BANK, CA [22] 2022-08-10 [41] 2023-02-17 [30] US (63/234,112) 2021-08-17</p>
<p style="text-align: right; margin-top: -10px;">[21] 3,170,013</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN [54] METHOD OF MANAGING RESOURCES BASED ON GOODS, DEVICE AND MEDIUM [54] METHODE DE GESTION DES RESSOURCES EN FONCTION DES BIENS, DES APPAREILS ET DES SUPPORTS [72] ZHU, XINHE, CN [72] JIANG, XIN, CN [72] JIANG, JINLING, CN [72] SUN, YANGJUNZHI, CN [71] 10353744 CANADA LTD., CA [22] 2022-08-11 [41] 2023-02-12 [30] CN (202110924469.4) 2021-08-12</p>	<p style="text-align: right; margin-top: -10px;">[21] 3,170,084</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A01G 9/02 (2018.01) [25] EN [54] PLANTER WITH MULTIPART CONSTRUCTION [54] PLANTEUSE A CONSTRUCTION MULTIPARTIE [72] XIAO, YUEBAI, CA [72] KEEBLE, DREW, US [71] THE HC COMPANIES, INC., US [22] 2022-08-09 [41] 2023-02-16 [30] US (17/403007) 2021-08-16</p>	

Demandes canadiennes mises à la disponibilité du public
12 février 2023 au 18 février 2023

[21] **3,170,100**
 [13] A1

[51] Int.Cl. G06F 40/279 (2020.01)
 [25] EN
 [54] TEXT PROCESSING METHOD AND DEVICE AND COMPUTER-READABLE STORAGE MEDIUM
 [54] METHODE ET APPAREIL DE TRAITEMENT DE TEXTE ET SUPPORT DE DONNEES LISIBLE PAR ORDINATEUR
 [72] ZHUANG, AORAN, CN
 [71] 10353744 CANADA LTD., CA
 [22] 2022-08-10
 [41] 2023-02-12
 [30] CN (202110923172.6) 2021-08-12

[21] **3,170,154**
 [13] A1

[51] Int.Cl. G01D 3/032 (2006.01) G06F 17/00 (2019.01)
 [25] EN
 [54] ANOMALOUS DATA DETECTING METHOD, DEVICE, COMPUTER EQUIPMENT, AND STORAGE MEDIUM
 [54] METHODE DE DETECTION DE DONNEES ERRONEES, APPAREIL, MATERIEL INFORMATIQUE ET SUPPORT DE STOCKAGE
 [72] LE, ZHENGYI, CN
 [72] LUAN, CHENG, CN
 [71] 10353744 CANADA LTD., CA
 [22] 2022-08-11
 [41] 2023-02-12
 [30] CN (202110923201.9) 2021-08-12

[21] **3,170,180**
 [13] A1

[25] EN
 [54] METHOD FOR AUTOMATIC TRANSLATION OF LADDER LOGIC TO A SMT-BASED MODEL CHECKER IN A NETWORK
 [54] METHODE DE TRADUCTION AUTOMATIQUE DE LANGAGE DE PROGRAMMATION LADDER VERS UN VERIFICATEUR DE MODELE BASE SUR LA TRADUCTION AUTOMATIQUE STATISTIQUE (TAS) DANS UN RESEAU
 [72] BRUTTOMESSO, ROBERTO, IT
 [72] DI PINTO, ALESSANDRO, IT
 [72] CARULLO, MORENO, IT
 [72] CARCANO, ANDREA, US
 [71] NOZOMI NETWORKS SAGL, CH
 [22] 2022-08-11
 [41] 2023-02-12
 [30] US (17/400,947) 2021-08-12

[21] **3,170,186**
 [13] A1

[51] Int.Cl. B25J 9/18 (2006.01)
 [25] EN
 [54] MULTI-PURPOSE ROBOTS AND COMPUTER PROGRAM PRODUCTS, AND METHODS FOR OPERATING THE SAME
 [54] ROBOTS POLYVALENTS ET PRODUITS-PROGRAMMES INFORMATIQUES, ET METHODES D'UTILISATION
 [72] GILDERT, SUZANNE, CA
 [72] NORTON, OLIVIA, CA
 [72] ROSE, GEORDIE, CA
 [71] SANCTUARY COGNITIVE SYSTEMS CORPORATION, CA
 [22] 2022-08-09
 [41] 2023-02-13
 [30] US (63/232,694) 2021-08-13
 [30] US (63/332,750) 2022-04-20

[21] **3,170,187**
 [13] A1

[51] Int.Cl. F02K 1/15 (2006.01) B64D 31/00 (2006.01) F02C 9/16 (2006.01) F02K 1/06 (2006.01)
 [25] EN
 [54] METHODS AND SYSTEMS FOR OPERATING AN ENGINE TO GENERATE ADDITIONAL THRUST
 [54] METHODES ET SYSTEMES POUR FAIRE FONCTIONNER UN MOTEUR AFIN DE PRODUIRE UNE POUSSÉE SUPPLEMENTAIRE
 [72] DEMERS, FRANCIS, CA
 [72] CRAINIC, CRISTINA, CA
 [71] PRATT & WHITNEY CANADA CORP., CA
 [22] 2022-08-11
 [41] 2023-02-13
 [30] US (17/401,403) 2021-08-13

[21] **3,170,190**
 [13] A1

[51] Int.Cl. B25J 9/18 (2006.01)
 [25] EN
 [54] MULTI-PURPOSE ROBOTS AND COMPUTER PROGRAM PRODUCTS, AND METHODS FOR OPERATING THE SAME
 [54] ROBOTS POLYVALENTS ET PRODUITS-PROGRAMMES INFORMATIQUES, ET METHODES D'UTILISATION
 [72] GILDERT, SUZANNE, CA
 [72] NORTON, OLIVIA, CA
 [72] ROSE, GEORDIE, CA
 [71] SANCTUARY COGNITIVE SYSTEMS CORPORATION, CA
 [22] 2022-08-09
 [41] 2023-02-13
 [30] US (63/232,694) 2021-08-13
 [30] US (63/332,750) 2022-04-20

Canadian Applications Open to Public Inspection
February 12, 2023 to February 18, 2023

<p style="text-align: right; margin-top: -20px;">[21] 3,170,203</p> <p>[13] A1</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR IMPROVING CYBERSECURITY FOR TELECOMMUNICATION DEVICES</p> <p>[54] SISTÈME ET MÉTHODE POUR AMÉLIORER LA CYBERSECURITÉ DES DISPOSITIFS DE TELECOMMUNICATION</p> <p>[72] PHARR, JEFF, US</p> <p>[72] MAYS, SON, US</p> <p>[72] LITTLEJOHN, MICHAEL, US</p> <p>[71] CAPITAL ONE SERVICES, LLC, US</p> <p>[22] 2022-08-10</p> <p>[41] 2023-02-13</p> <p>[30] US (17/401802) 2021-08-13</p>	<p style="text-align: right; margin-top: -20px;">[21] 3,170,275</p> <p>[13] A1</p> <p>[51] Int.Cl. G01R 33/02 (2006.01) G01R 31/3173 (2006.01)</p> <p>[25] EN</p> <p>[54] APPARATUS AND METHODS FOR EXTENDED RANGE MEASUREMENT OF MAGNETIC SIDE-CHANNELS</p> <p>[54] APPAREIL ET MÉTHODES POUR LA MESURE TRES GRANDE PORTEE DE CANAUX LATERAUX MAGNÉTIQUES</p> <p>[72] MORENO, CARLOS, CA</p> <p>[72] FISCHMEISTER, SEBASTIAN, CA</p> <p>[71] MORENO, CARLOS, CA</p> <p>[71] FISCHMEISTER, SEBASTIAN, CA</p> <p>[22] 2022-08-12</p> <p>[41] 2023-02-13</p> <p>[30] US (63/233,031) 2021-08-13</p>	<p style="text-align: right; margin-top: -20px;">[21] 3,170,290</p> <p>[13] A1</p> <p>[51] Int.Cl. B25F 1/02 (2006.01) B25B 15/02 (2006.01)</p> <p>[25] EN</p> <p>[54] MULTIPLE-BIT HAND TOOL INCLUDING POWER NUT/BIT DRIVER</p> <p>[54] OUTIL A MAIN A MULTIPLES EMBOUTS COMPRENANT UN MECANISME D'ENTRAINEMENT D'ECROU/D'EMBOUT ELECTRIQUE</p> <p>[72] MANGINI, CHRISTOPHER, US</p> <p>[71] KLEIN TOOLS, INC., US</p> <p>[22] 2022-08-12</p> <p>[41] 2023-02-13</p> <p>[30] US (63/233,186) 2021-08-13</p> <p>[30] US (17/721,006) 2022-04-14</p>
<p style="text-align: right; margin-top: -20px;">[21] 3,170,219</p> <p>[13] A1</p> <p>[51] Int.Cl. F02C 7/22 (2006.01) F02C 7/228 (2006.01) F02C 9/26 (2006.01) F02C 9/40 (2006.01)</p> <p>[25] EN</p> <p>[54] PULSE WIDTH MODULATION DRIVE FOR STAGED FUEL MANIFOLDS</p> <p>[54] ENTRAINEMENT PAR MODULATION D'IMPULSIONS EN DUREE POUR COLLECTEURS DE CARBURANT ETAGES</p> <p>[72] XUENING, LU, CA</p> <p>[72] MESHKINFAM, EZZAT, CA</p> <p>[72] DURAND, SEAN, CA</p> <p>[71] PRATT & WHITNEY CANADA CORP., CA</p> <p>[22] 2022-08-11</p> <p>[41] 2023-02-12</p> <p>[30] US (17/401,295) 2021-08-12</p>	<p style="text-align: right; margin-top: -20px;">[21] 3,170,287</p> <p>[13] A1</p> <p>[25] EN</p> <p>[54] COMPUTER-IMPLEMENTED METHOD FOR OPERATING A SHUT-OFF DEVICE FOR A FLUID AND A CORRESPONDING SHUT-OFF DEVICE</p> <p>[54] METHODE MISE EN OEUVRE PAR ORDINATEUR POUR EXPLOITER UN DISPOSITIF D'ARRET POUR UN FLUIDE ET DISPOSITIF D'ARRET CORRESPONDANT</p> <p>[72] HOGENDOORN, CORNELIS, JOHANNES, NL</p> <p>[72] VAN CASPEL, STEFAN, NL</p> <p>[71] FOCUS-ON V.O.F., NL</p> <p>[22] 2022-08-11</p> <p>[41] 2023-02-13</p> <p>[30] EP (21191276.1) 2021-08-13</p>	<p style="text-align: right; margin-top: -20px;">[21] 3,170,295</p> <p>[13] A1</p> <p>[51] Int.Cl. E04F 19/02 (2006.01) E04G 21/14 (2006.01)</p> <p>[25] EN</p> <p>[54] PRESSURE SENSITIVE ADHESIVE BUILDING SURFACE ACCESSORY</p> <p>[54] ACCESSION DE SURFACE DE BATIMENT ADHESIF AUTOCOLLANT</p> <p>[72] CLINE, STEPHEN, US</p> <p>[72] RADFORD, CRAIG D., US</p> <p>[72] HOUSE, MICHAEL, US</p> <p>[71] CERTAINTEED GYPSUM, INC., US</p> <p>[22] 2022-08-12</p> <p>[41] 2023-02-13</p> <p>[30] US (63/233,007) 2021-08-13</p> <p>[30] US (63/352,079) 2022-06-14</p>
<p style="text-align: right; margin-top: -20px;">[21] 3,170,222</p> <p>[13] A1</p> <p>[51] Int.Cl. F02C 9/28 (2006.01) B64D 27/24 (2006.01) B64D 31/00 (2006.01) F02C 9/26 (2006.01) F02C 9/48 (2006.01)</p> <p>[25] EN</p> <p>[54] CONTROL FOR ELECTRICALLY ASSISTED TURBINES</p> <p>[54] CONTROLE DE TURBINES ASSISTÉES PAR ÉLECTRICITÉ</p> <p>[72] FREER, RICHARD, CA</p> <p>[71] PRATT & WHITNEY CANADA CORP., CA</p> <p>[22] 2022-08-11</p> <p>[41] 2023-02-13</p> <p>[30] US (17/402,483) 2021-08-13</p>	<p style="text-align: right; margin-top: -20px;">[21] 3,170,301</p> <p>[13] A1</p> <p>[51] Int.Cl. G01N 15/10 (2006.01) F01D 25/18 (2006.01) F01M 11/10 (2006.01) G01N 15/12 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD AND SYSTEM FOR SIZING A CHIP IN ENGINE FLUID</p> <p>[54] METHODE ET SYSTÈME D'ESTIMATION DE LA TAILLE D'UNE PUCE DANS UN FLUIDE DE MOTEUR</p> <p>[72] AL-KHAIRY, ISSAM, CA</p> <p>[71] PRATT & WHITNEY CANADA CORP., CA</p> <p>[22] 2022-08-10</p> <p>[41] 2023-02-17</p> <p>[30] US (17/404057) 2021-08-17</p>	

Demandes canadiennes mises à la disponibilité du public
12 février 2023 au 18 février 2023

<p>[21] 3,170,303 [13] A1</p> <p>[51] Int.Cl. G01N 23/02 (2006.01) G01N 17/00 (2006.01)</p> <p>[25] EN</p> <p>[54] AUTOMATED CIRCUMFERENTIAL PIPE SCANNING SYSTEM</p> <p>[54] SYSTEME DE BALAYAGE CIRCONFERENTIEL AUTOMATISE DE TUYAU</p> <p>[72] MUSGRAVE, JOHN, US</p> <p>[72] MORRIS, ELLIOTT, US</p> <p>[72] MORRIS, KELLY, US</p> <p>[71] MISTRAS GROUP, INC., US</p> <p>[22] 2022-08-12</p> <p>[41] 2023-02-13</p> <p>[30] US (17/402,248) 2021-08-13</p>
--

<p>[21] 3,170,312 [13] A1</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD OF INTEGRATING TEXT MESSAGING NOTIFICATION FEATURES WITH AN EMR SYSTEM</p> <p>[54] SYSTEME ET METHODE D'INTEGRATION D'AVIS DE RAPPEL PAR MESSAGERIE TEXTUELLE AVEC UN SYSTEME DE DOSSIER MEDICAL ELECTRONIQUE (DME)</p> <p>[72] CHEUNG, TOMMY TSZ HIM, CA</p> <p>[71] TELEDACT INC., CA</p> <p>[22] 2022-08-12</p> <p>[41] 2023-02-12</p> <p>[30] US (63/232,424) 2021-08-12</p> <p>[30] US (63/232,427) 2021-08-12</p> <p>[30] US (17/662,486) 2022-05-09</p>

<p>[21] 3,170,372 [13] A1</p> <p>[25] EN</p> <p>[54] IMPROVED SERVICE ENTRANCE HEADS AND METHODS</p> <p>[54] CHARGES D'ENTREE DE SERVICE AMELIOREES ET METHODES</p> <p>[72] WILSON, LAURIN THOMAS, SR., US</p> <p>[71] WILSON, LAURIN THOMAS, SR., US</p> <p>[22] 2022-08-15</p> <p>[41] 2023-02-14</p> <p>[30] US (17/402,518) 2021-08-14</p>
--

<p>[21] 3,170,393 [13] A1</p> <p>[51] Int.Cl. E06B 1/70 (2006.01)</p> <p>[25] EN</p> <p>[54] FRAMEWORK ASSEMBLY WITH SILL CONFIGURATION INCLUDING A SHOULDER</p> <p>[54] ASSEMBLAGE DE CHARPENTE AVEC CONFIGURATION D'APPUI COMPRENANT UN EPAULEMENT</p> <p>[72] OHRSTROM, ROLF, CA</p> <p>[71] VISION EXTRUSIONS GROUP LIMITED, CA</p> <p>[22] 2022-08-12</p> <p>[41] 2023-02-13</p> <p>[30] US (63/233,017) 2021-08-13</p>
--

<p>[21] 3,170,395 [13] A1</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHOD FOR CONSISTENT FM/HD1 DIVERSITY DELAY</p> <p>[54] SYSTEMES ET METHODES POUR UN RETARD DE DIVERSITE FM/HD1 UNIFORME</p> <p>[72] SCHMID, PHILIPP, CA</p> <p>[71] NAUTEL LIMITED, CA</p> <p>[22] 2022-08-15</p> <p>[41] 2023-02-13</p> <p>[30] US (63/232,729) 2021-08-13</p>
--

<p>[21] 3,170,398 [13] A1</p> <p>[51] Int.Cl. E05B 65/08 (2006.01) E06B 3/42 (2006.01) E06B 3/46 (2006.01) E06B 7/28 (2006.01)</p> <p>[25] EN</p> <p>[54] LOCK FOR SLIDABLE FENESTRATION</p> <p>[54] VERROU POUR FENESTRAGE COULISSANT</p> <p>[72] OHRSTROM, ROLF, CA</p> <p>[71] VISION EXTRUSIONS GROUP LIMITED, CA</p> <p>[22] 2022-08-12</p> <p>[41] 2023-02-13</p> <p>[30] US (63/233,088) 2021-08-13</p>
--

<p>[21] 3,170,455 [13] A1</p> <p>[25] EN</p> <p>[54] A METHOD FOR A GAMING SYSTEM</p> <p>[54] METHODE DE SYSTEME DE JEU</p> <p>[72] BODOSCI, ENDRE, MT</p> <p>[72] MILIZIANO, CHARLOTTE, MT</p> <p>[72] ANDRASSY, GABOR, MT</p> <p>[71] PLAY'N GO MARKS LTD, MT</p> <p>[22] 2022-08-10</p> <p>[41] 2023-02-12</p> <p>[30] SE (2150997-1) 2021-08-12</p>

<p>[21] 3,170,490 [13] A1</p> <p>[51] Int.Cl. B64D 37/30 (2006.01) B64D 33/00 (2006.01) F01D 25/10 (2006.01) F02C 7/22 (2006.01) F02C 7/224 (2006.01) F02C 9/40 (2006.01) F17C 7/04 (2006.01)</p> <p>[25] EN</p> <p>[54] LIQUID HYDROGEN EVAPORATORS AND HEATERS</p> <p>[54] EVAPORATEURS D'HYDROGÈNE LIQUIDE ET RADIATEURS</p> <p>[72] SMITH, SCOTT, CA</p> <p>[71] PRATT & WHITNEY CANADA CORP., CA</p> <p>[22] 2022-08-12</p> <p>[41] 2023-02-14</p> <p>[30] US (17/402,502) 2021-08-14</p>
--

<p>[21] 3,170,495 [13] A1</p> <p>[51] Int.Cl. B64D 33/00 (2006.01) B64D 41/00 (2006.01) F02C 7/32 (2006.01) F02C 7/36 (2006.01) F17C 3/02 (2006.01)</p> <p>[25] EN</p> <p>[54] MECHANICAL DRIVE SHAFT ARRANGEMENTS FOR TAIL CONE GENERATORS</p> <p>[54] CONFIGURATIONS D'ARBRE D'ENTRAÎNEMENT MÉCANIQUE POUR DES GÉNÉRATRICES DE CONE ARRIÈRE</p> <p>[72] MENHEERE, DAVID, CA</p> <p>[71] PRATT & WHITNEY CANADA CORP., CA</p> <p>[22] 2022-08-12</p> <p>[41] 2023-02-14</p> <p>[30] US (17/402,503) 2021-08-14</p>

Canadian Applications Open to Public Inspection
February 12, 2023 to February 18, 2023

[21] 3,170,498 [13] A1
[51] Int.Cl. G01J 5/02 (2022.01) F01D 17/08 (2006.01)
[25] EN
[54] NON-CONTACT HIGH TEMPERATURE MEASUREMENT SYSTEM
[54] SYSTEME DE MESURE DE TEMPERATURE ELEVEE SANS CONTACT
[72] AL-KHAIRY, ISSAM, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2022-08-12
[41] 2023-02-13
[30] US (17/401,864) 2021-08-13

[21] 3,170,500 [13] A1
[51] Int.Cl. F16N 1/00 (2006.01) F01D 25/18 (2006.01) F01D 25/32 (2006.01) F02C 7/06 (2006.01) F16N 7/38 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR INTERNAL SPLINE LUBRICATION
[54] SYSTEMES ET METHODES POUR LA LUBRIFICATION DE CANNELURE INTERNE
[72] QUINTIN, HUGO, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2022-08-15
[41] 2023-02-17
[30] US (17/404,273) 2021-08-17

[21] 3,170,501 [13] A1
[51] Int.Cl. B64D 31/00 (2006.01) B64D 27/24 (2006.01)
[25] EN
[54] NESTED CONTROL LOOP STRUCTURE FOR HYBRID PROPULSION SYSTEMS
[54] STRUCTURE DE BOUCLE DE REGULATION NICHEE POUR DES SYSTEMES DE PROPULSION HYBRIDES
[72] FREER, RICHARD, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2022-08-12
[41] 2023-02-17
[30] US (17/404,145) 2021-08-17

[21] 3,170,504 [13] A1
[51] Int.Cl. G01R 31/50 (2020.01)
[25] EN
[54] SYSTEMS AND METHODS FOR HIGH IMPEDANCE FAULT DETECTION IN ELECTRIC DISTRIBUTION SYSTEMS
[54] SYSTEMES ET METHODES POUR LA DETECTION D'UNE DEFAILLANCE A HAUTE IMPEDANCE DANS LES SYSTEMES DE DISTRIBUTION ELECTRIQUE
[72] LI, XIAOMING, GB
[72] HA, HENGXU, GB
[72] XIANG, LING, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[22] 2022-08-15
[41] 2023-02-16
[30] US (17/403,650) 2021-08-16

[21] 3,170,539 [13] A1
[25] EN
[54] OBJECT IDENTIFICATION AND DUPLICATION SYSTEMS
[54] SYSTEMES D'IDENTIFICATION ET DE DUPLICATION D'OBJETS
[72] GRICE, BYRON KEITH, US
[72] SCHMIDT, MICHAEL J., US
[72] HART, MICHAEL KENNETH, US
[72] BENNETT, ARI, US
[72] KOWALSKY, PATRICK, US
[72] ROSNER, BRIAN, US
[72] LUCKOW, WENDELL, US
[72] SOLACE, BRYAN, US
[72] WILKINSON, DAVID, US
[72] PALMER, ROGER CLIVE, US
[71] THE HILLMAN GROUP, INC., US
[22] 2022-08-12
[41] 2023-02-12
[30] US (63/260,208) 2021-08-12

[21] 3,170,578 [13] A1
[51] Int.Cl. G01N 27/416 (2006.01) G01N 27/30 (2006.01)
[25] EN
[54] APPARATUS AND METHODS FOR MEASURING PHOSPHATE IN WATER
[54] APPAREIL ET METHODES POUR MESURER LE PHOSPHATE DANS L'EAU
[72] SELVAGANAPATHY, PONNAMBALAM RAVI, CA
[72] PATEL, VINAY, CA
[71] MCMASTER UNIVERSITY, CA
[22] 2022-08-16
[41] 2023-02-17
[30] US (63/260,329) 2021-08-17

Demandes canadiennes mises à la disponibilité du public

12 février 2023 au 18 février 2023

<p style="text-align: right;">[21] 3,170,601</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN</p> <p>[54] PRINTING PROCESS FOR A METAL CONTAINER AND PRINTER FOR PRINTING ON A METAL CONTAINER</p> <p>[54] PROCEDE D'IMPRESSION POUR UN CONTENANT EN METAL ET IMPRIMANTE POUR L'IMPRESSION SUR UN CONTENANT EN METAL</p> <p>[72] WEBER, JOACHIM, DE</p> <p>[72] OBERACKER, ULRICH, DE</p> <p>[72] SCHULZ, JOACHIM, DE</p> <p>[72] MAYER, TOBIAS, DE</p> <p>[72] STEINER, PHILIPP, DE</p> <p>[71] HINTERKOPF GMBH, DE</p> <p>[22] 2022-08-16</p> <p>[41] 2023-02-18</p> <p>[30] EP (21191856.0) 2021-08-18</p>	<p style="text-align: right;">[21] 3,170,654</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN</p> <p>[54] REAL-TIME PROVISIONING OF TARGETED DIGITAL CONTENT ASSOCIATED WITH FUTURE DATA EXCHANGES BASED ON STRUCTURED MESSAGING DATA</p> <p>[54] FOURNITURE EN TEMPS REEL DE CONTENU NUMERIQUE CIBLE ASSOCIE A DES ECHANGES DE DONNEES FUTURS EN FONCTION DE DONNEES DE MESSAGERIE STRUCTUREES</p> <p>[72] JONES, CHRISTOPHER MARK, CA</p> <p>[72] BAIRD, JR., BARRY WAYNE, CA</p> <p>[72] LAWRENCE, JR., CLAUDE BERNELL, CA</p> <p>[72] PRENDERGAST, JONATHAN JOSEPH, CA</p> <p>[71] THE TORONTO-DOMINION BANK, CA</p> <p>[22] 2022-08-16</p> <p>[41] 2023-02-17</p> <p>[30] US (63/234,125) 2021-08-17</p>	<p style="text-align: right;">[21] 3,170,661</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G06N 10/20 (2022.01)</p> <p>[25] EN</p> <p>[54] METHOD AND SYSTEM OF BOSONIC QUBITS SIMULATION</p> <p>[54] METHODE ET SYSTEME DE SIMULATION QUBITS BOSONIQUES</p> <p>[72] BOURASSA, JOSEPH ELI, CA</p> <p>[72] QUESADA, NICOLAS, CA</p> <p>[72] TZITRIN, IIAN, CA</p> <p>[72] SABAPATHY, KRISHNAKUMAR, CA</p> <p>[72] DAUPHINAIS, GUILLAUME, CA</p> <p>[72] DHAND, ISH, DE</p> <p>[71] XANADU QUANTUM TECHNOLOGIES INC., CA</p> <p>[22] 2022-08-17</p> <p>[41] 2023-02-18</p> <p>[30] US (63/234,321) 2021-08-18</p>
<p style="text-align: right;">[21] 3,170,650</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN</p> <p>[54] TARGETED, CRITERIA-SPECIFIC PROVISIONING OF DIGITAL CONTENT BASED ON STRUCTURED MESSAGING DATA</p> <p>[54] FOURNITURE CIBLEE EN FONCTION DE CRITERES PRECIS DE CONTENU NUMERIQUE FONDE SUR DES DONNEES DE MESSAGERIE STRUCTUREES</p> <p>[72] JONES, CHRISTOPHER MARK, CA</p> <p>[72] BAIRD, BARRY WAYNE, JR., CA</p> <p>[72] LAWRENCE, CLAUDE BERNELL, JR., CA</p> <p>[72] PRENDERGAST, JONATHAN JOSEPH, CA</p> <p>[71] THE TORONTO-DOMINION BANK, CA</p> <p>[22] 2022-08-16</p> <p>[41] 2023-02-17</p> <p>[30] US (63/234,118) 2021-08-17</p>	<p style="text-align: right;">[21] 3,170,659</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. F16M 11/00 (2006.01) F16M 13/02 (2006.01) G10G 5/00 (2006.01)</p> <p>[25] EN</p> <p>[54] ATTACHABLE MUSIC STAND</p> <p>[54] PUPITRE A MUSIQUE POUVANT ETRE ATTACHE</p> <p>[72] MAZZA, ALDO, CA</p> <p>[71] MAZZA, ALDO, CA</p> <p>[22] 2022-08-16</p> <p>[41] 2023-02-16</p> <p>[30] US (63/207,602) 2021-08-16</p>	<p style="text-align: right;">[21] 3,170,672</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G06F 40/20 (2020.01)</p> <p>[25] EN</p> <p>[54] METHOD OF COMPARING HIERARCHICAL ADDRESS TEXT SIMILARITIES, DEVICE AND MEDIUM</p> <p>[54] METHODE DE COMPARAISON DES SIMILARITES DE TEXTES D'ADRESSES HIERARCHIQUES, DISPOSITIF ET SUPPORT</p> <p>[72] MENG, ZEYANG, CN</p> <p>[71] 10353744 CANADA LTD., CA</p> <p>[22] 2022-08-16</p> <p>[41] 2023-02-16</p> <p>[30] CN (202110934730.9) 2021-08-16</p>
		<p style="text-align: right;">[21] 3,170,684</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN</p> <p>[54] SELF-SEALING ELECTRICAL PLUG-AND-SOCKET ASSEMBLY</p> <p>[54] ASSEMBLAGE MALE ET FEMELLE ELECTRIQUE AUTO-OBTURANT</p> <p>[72] PETERSON, THOMAS DALE, US</p> <p>[72] FORTHOFFER, DANIEL WILLIAM, US</p> <p>[71] R.A. PHILLIPS INDUSTRIES, INC., US</p> <p>[22] 2022-08-17</p> <p>[41] 2023-02-18</p> <p>[30] US (63/234655) 2021-08-18</p>

Canadian Applications Open to Public Inspection
February 12, 2023 to February 18, 2023

[21] 3,170,873 [13] A1
[51] Int.Cl. E02D 29/14 (2006.01) B65D 90/10 (2006.01) E02D 29/12 (2006.01) F16J 13/00 (2006.01)
[25] EN
[54] METHOD AND APPARATUS FOR INSTALLING A MANHOLE COVER
[54] PROCEDE ET APPAREIL POUR L'INSTALLATION D'UN COUVERCLE DE TROU D'HOMME
[72] SWARTZ, THOMAS J., US
[72] SWARTZ, DEXTER JOSEPH, US
[71] SWARTZ, THOMAS J., US
[71] SWARTZ, DEXTER JOSEPH, US
[22] 2022-08-18
[41] 2023-02-18
[30] US (63/234,440) 2021-08-18
[30] US (17/890,139) 2022-08-17

[21] 3,171,558 [13] A1
[51] Int.Cl. D21C 11/06 (2006.01) D21C 11/12 (2006.01)
[25] EN
[54] A METHOD FOR CONTROLLING A CHEMICAL RECOVERY BOILER AND A CHEMICAL RECOVERY BOILER
[54] METHODE POUR CONTROLER UNE CHAUDIERE DE RECUPERATION CHIMIQUE, ET CHAUDIERE DE RECUPERATION CHIMIQUE
[72] KOSKINEN, JUKKA, FI
[72] LESKINEN, MIKKO, FI
[72] MANSIKKASALO, JARMO, FI
[71] VALMET AUTOMATION OY, FI
[22] 2022-08-16
[41] 2023-02-17
[30] FI (20215864) 2021-08-17

[21] 3,183,349 [13] A1
[51] Int.Cl. B60W 50/12 (2012.01) B62D 55/07 (2006.01)
[25] EN
[54] SYSTEM AND METHOD FOR CONTROLLING AN ELECTRIC VEHICLE HEADLIGHT
[54] SYSTEME ET METHODE POUR CONTROLLER UN PHARE AVANT DE VEHICULE ELECTRIQUE
[72] LARSEN, CYRUS, CA
[72] BRUNEAU, SAMUEL, CA
[71] TAIGA MOTORS INC., CA
[22] 2022-12-02
[41] 2023-02-14

[21] 3,170,933 [13] A1
[51] Int.Cl. E04F 10/08 (2006.01)
[25] EN
[54] SUNSHADE ATTACHMENT SYSTEM
[54] SYSTEME DE FIXATION POUR PARE-SOLEIL
[72] NAYLOR, RUSSELL, US
[72] CHU, HEAREE, US
[71] BOK MODERN LLC, US
[22] 2022-08-12
[41] 2023-02-12
[30] US (63/232,600) 2021-08-12

[21] 3,171,606 [13] A1
[51] Int.Cl. E02D 7/06 (2006.01)
[25] EN
[54] PILE INSTALLATION SYSTEM
[54] SYSTEME D'INSTALLATION DE PIEU
[72] DAYSH, PAUL, US
[72] PERKO, HOWARD, US
[72] LYVER, TROY, US
[71] DAYSH, PAUL, US
[71] PERKO, HOWARD, US
[71] LYVER, TROY, US
[22] 2022-08-16
[41] 2023-02-16
[30] US (63/233,672) 2021-08-16

[21] 3,170,943 [13] A1
[51] Int.Cl. A47L 11/00 (2006.01) F24S 40/20 (2018.01) A47L 1/02 (2006.01)
[25] EN
[54] CLEANING SYSTEM FOR A CIRCULAR PANEL
[54] SYSTEME DE NETTOYAGE POUR UN PANNEAU CIRCULAIRE
[72] ZRAFI, RACHED, CA
[71] ZRAFI, RACHED, CA
[22] 2022-06-30
[41] 2023-02-13
[30] GB (2111682.7) 2021-08-13

[21] 3,180,567 [13] A1
[51] Int.Cl. G01V 9/02 (2006.01)
[25] EN
[54] METHODS FOR ASSESSING GROUNDWATER FLOW ZONES
[54] METHODES D'EVALUATION DE ZONES D'ECOULEMENT SOUTERRAIN
[72] VERREAULT, MICHAEL, CA
[71] HYDRO-RESSOURCES INC., CA
[22] 2022-10-31
[41] 2023-02-16
[30] US (63/275,258) 2021-11-03

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

[21] **3,092,576**
[13] A1

- [51] Int.Cl. A61F 11/20 (2022.01) A61B 1/227 (2006.01) A61F 11/00 (2022.01)
[25] EN
[54] EAR TREATMENT INSTRUMENT
[54] INSTRUMENT DE TRAITEMENT DE L'OREILLE
[72] KANEMARU, SHIN-ICHI, JP
[71] KYOTO MEDICAL CONSUL, CO., LTD., JP
[71] NOBELPHARMA CO., LTD., JP
[71] JMR CO., LTD., JP
[85] 2020-08-28
[86] 2019-01-29 (PCT/JP2019/003038)
[87] (WO2019/146806)
[30] JP (2018-012311) 2018-01-29
-

[21] **3,139,962**
[13] A1

- [51] Int.Cl. G06Q 30/08 (2012.01) G06N 20/00 (2019.01)
[25] EN
[54] COMPUTER-IMPLEMENTED BIDDING METHOD, COMPUTER EQUIPMENT AND STORAGE MEDIUM
[54] METHODE D'ENCHERE INFORMATIQUE, MATERIEL INFORMATIQUE ET SUPPORT DE STOCKAGE
[72] ZACHARIAH, MANION, CN
[72] SHASHANK, PUSHP, CN
[72] MADHUR, BHATIA, CN
[72] HIMANSHU, SURI, CN
[72] ZHOU, RONGRONG, CN
[72] DING, XIAOMIN, CN
[71] ANHEUSER-BUSCH INBEV (CHINA) CO., LTD., CN
[85] 2021-11-29
[86] 2021-09-23 (PCT/CN2021/119768)
[87] (3139962)
[30] CN (202110928542.5) 2021-08-13
-

[21] **3,172,087**
[13] A1

- [51] Int.Cl. B65D 81/34 (2006.01)
[25] EN
[54] POUCH FOR RETORT FOOD
[54] SACHET AUTOCLAVE
[72] YUN, TAE KYUNG, KR
[72] YUN, SUNG JIN, KR
[72] LEE, GEON IL, KR
[72] TAMSHÉ, AMIR, US
[71] CJ CHEILJEDANG CORPORATION, KR
[71] PACKLINE, US
[85] 2022-09-16
[86] 2022-08-12 (PCT/KR2022/012090)
[87] (3172087)
[30] US (17/400,476) 2021-08-12
-

[21] **3,173,712**
[13] A1

- [51] Int.Cl. A61M 27/00 (2006.01) A61F 13/00 (2006.01) A61M 1/00 (2006.01)
[25] EN
[54] APPARATUS FOR SUPPLYING FLUID TO A TISSUE AREA
[54] APPAREIL D'ACHEMINEMENT D'UN FLUIDE A UNE ZONE TISSULAIRE
[72] LU, MARGARET SHI, NZ
[72] CHEUNG, DEXTER CHI LUN, NZ
[72] CHIU, HOWARD KUO-HAO, NZ
[72] BARNES, THOMAS HEINRICH, NZ
[72] LAYEC, EGLANTINE PENELOPE MARY, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[71] LU, MARGARET SHI, NZ
[71] CHEUNG, DEXTER CHI LUN, NZ
[71] CHIU, HOWARD KUO-HAO, NZ
[71] BARNES, THOMAS HEINRICH, NZ
[71] LAYEC, EGLANTINE PENELOPE MARY, NZ
[85] 2022-09-27
[86] 2022-08-17 (PCT/IB2022/057691)
[87] (3173712)
[30] AU (2021218054) 2021-08-17
[30] AU (2021903382) 2021-10-22
[30] AU (2022901333) 2022-05-18
-

[21] **3,173,965**
[13] A1

- [51] Int.Cl. B60D 1/24 (2006.01) B60D 1/30 (2006.01) B60D 1/42 (2006.01)
[25] FR
[54] HITCH SYSTEM, VEHICLE EQUIPPED WITH SUCH A SYSTEM, ASSEMBLY KIT AND CORRESPONDING ASSEMBLY, OPERATION AND USE METHODS
[54] SYSTEME D'ATTACHE, VEHICULE POURVU D'UN TEL EQUIPEMENT, KIT POUR ASSEMBLER, ET METHODES D'ASSEMBLAGE, D'OPERATION ET D'UTILISATION CORRESPONDANTES
[72] COURTEMANCHE, ALAIN, CA
[71] GEA FARM TECHNOLOGIES CANADA INC., CA
[85] 2022-09-28
[86] 2022-08-16 (PCT/CA2022/051243)
[87] (3173965)
[30] CA (3.128.326) 2021-08-16
-

[21] **3,179,237**
[13] A1

- [51] Int.Cl. C10G 1/10 (2006.01) B01J 35/12 (2006.01) C10G 11/02 (2006.01) C10G 27/04 (2006.01)
[25] EN
[54] MOLTEN SALT CATALYTIC COMPOSITIONS AND METHODS FOR THE CRACKING OF CARBON-CONTAINING FEEDSTOCKS
[54] COMPOSITIONS CATALYTIQUES A BASE DE SELS FONDUS ET PROCEDES DE CRAQUAGE DE CHARGES D'ALIMENTATION CONTENANT DU CARBONE
[72] PUSHKAREV, VLADIMIR, US
[72] KILGORE, URIAH, US
[72] AMBRASS, CHARLES, US
[72] MITCHELL, SCOTT, US
[72] KHURANA, ISHANT, US
[71] BRASKEM AMERICA, INC., US
[85] 2022-11-17
[86] 2021-05-28 (PCT/US2021/034982)
[87] (WO2021/243282)
[30] US (63/032,210) 2020-05-29

PCT Applications Entering the National Phase

[21] 3,179,423
[13] A1

- [51] Int.Cl. A61K 31/7088 (2006.01) C12N 15/115 (2010.01) A61K 31/7105 (2006.01) A61K 48/00 (2006.01) C07K 14/725 (2006.01) C12N 15/11 (2006.01) C12N 15/64 (2006.01) C12N 15/85 (2006.01)
 - [25] EN
 - [54] CIRCULAR RNA COMPOSITIONS AND METHODS
 - [54] METHODES ET COMPOSITIONS D'ARN CIRCULAIRE
 - [72] WESSELHOEFT, ROBERT ALEXANDER, US
 - [72] BARNEs, THOMAS, US
 - [72] GOODMAN, BRIAN, US
 - [72] MOTZ, GREGORY, US
 - [72] BECKER, AMY, US
 - [72] HORHOTA, ALLEN T., US
 - [71] ORNA THERAPEUTICS, INC., US
 - [85] 2022-11-18
 - [86] 2021-05-19 (PCT/US2021/033276)
 - [87] (WO2021/236855)
 - [30] US (63/027,292) 2020-05-19
 - [30] US (PCT/US21/31629) 2021-05-10
-

[21] 3,179,456
[13] A1

- [51] Int.Cl. C12Q 1/6869 (2018.01) C12Q 1/6844 (2018.01)
- [25] EN
- [54] DETECTION AND TREATMENT OF CONDITIONS CHARACTERIZED BY PERfusion SHORTAGE
- [54] DETECTION ET TRAITEMENT DE PROBLEMES DE SANTE CARACTERISES PAR UN MANQUE DE PERfusion
- [72] DUCKERS, HENRICUS J., US
- [71] FALCON BIOSCIENCE, LLC, US
- [85] 2022-11-18
- [86] 2021-05-19 (PCT/US2021/033254)
- [87] (WO2021/236836)
- [30] US (63/027,289) 2020-05-19

[21] 3,179,546
[13] A1

- [51] Int.Cl. B01D 53/047 (2006.01)
 - [25] EN
 - [54] METHODS AND DEVICES FOR STEAM DRIVEN CARBON DIOXIDE CAPTURE
 - [54] PROCEDES ET DISPOSITIF POUR LA CAPTURE DE DIOXYDE DE CARBONE ENTRAINEE PAR LA VAPEUR
 - [72] SPITERI, ALEXANDER, CH
 - [72] SCHENK, STEFAN, CH
 - [72] TIMOFTE, ANCA ELENA, CH
 - [72] MEGERLE, BENJAMIN, CH
 - [72] GEBALD, CHRISTOPH, CH
 - [72] WURZBACHER, JAN ANDRE, CH
 - [72] CALBRY-MUZYKA, ADELAIDE, CH
 - [71] CLIMEWORKS AG, CH
 - [85] 2022-11-21
 - [86] 2021-05-25 (PCT/EP2021/063941)
 - [87] (WO2021/239749)
 - [30] EP (20176843.9) 2020-05-27
 - [30] EP (20176846.2) 2020-05-27
-

[21] 3,180,132
[13] A1

- [51] Int.Cl. A61K 31/519 (2006.01) A61K 31/55 (2006.01) A61P 1/00 (2006.01) A61P 9/12 (2006.01) A61P 11/06 (2006.01) A61P 13/08 (2006.01) A61P 13/10 (2006.01) A61P 25/04 (2006.01) A61P 25/06 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01) A61P 29/00 (2006.01) C07D 47/04 (2006.01) C07D 487/04 (2006.01)
 - [25] EN
 - [54] PYRIMIDIN-4(3H)-ONE DERIVATIVES AS TRPV4 ANTAGONISTS
 - [54] DERIVES DE PYRIMIDIN-4 (3H)-ONE UTILISES EN TANT QU'ANTAGONISTES DE TRPV4
 - [72] SHISHIDO YUJI, JP
 - [72] INOUE TADASHI, JP
 - [72] YAMAGISHI TATSUYA, JP
 - [72] ANDO KAZUO, JP
 - [72] FUKUMOTO YUTAKA, JP
 - [72] MAGARA RYOHEI, JP
 - [71] RAQUALIA PHARMA INC., JP
 - [85] 2022-10-12
 - [86] 2021-04-30 (PCT/JP2021/017277)
 - [87] (WO2021/221169)
 - [30] US (63/017,891) 2020-04-30
-

[21] 3,180,244
[13] A1

- [51] Int.Cl. H02H 9/02 (2006.01) H02H 9/04 (2006.01) H02P 1/02 (2006.01) H02P 3/02 (2006.01) H02P 25/16 (2006.01)
 - [25] EN
 - [54] SYSTEMS AND CIRCUITS FOR HIGH IMPEDANCE, VOLTAGE SURGE-TOLERANT SWITCH POSITION INDICATION
 - [54] SYSTEMES ET CIRCUITS POUR INDICATION DE POSITION DE COMMUTATEUR TOLERANT AUX SURTENSIONS ET A HAUTE IMPEDANCE
 - [72] BRENNAN, JR. ROBERT A., US
 - [71] PARKER-HANNIFIN CORPORATION, US
 - [85] 2022-11-24
 - [86] 2021-07-15 (PCT/US2021/041733)
 - [87] (WO2022/060461)
 - [30] US (63/080,829) 2020-09-21
 - [30] US (63/114,592) 2020-11-17
-

[21] 3,180,257
[13] A1

- [51] Int.Cl. A61B 5/00 (2006.01) A61B 5/02 (2006.01) A61B 5/11 (2006.01) A61B 5/16 (2006.01) A61B 5/24 (2021.01) A61B 5/2025 (2006.01) A61B 5/024 (2006.01)
- [25] EN
- [54] EVALUATING PAIN OF A USER VIA TIME SERIES OF PARAMETERS FROM PORTABLE MONITORING DEVICES
- [54] EVALUATION DE LA DOULEUR D'UN UTILISATEUR PAR L'INTERMEDIAIRE D'UNE SERIE CHRONOLOGIQUE DE PARAMETRES PROVENANT DE DISPOSITIFS DE SURVEILLANCE PORTABLES
- [72] REZAI, ALI, US
- [72] FINOMORE, VICTOR, US
- [71] WEST VIRGINIA UNIVERSITY BOARD OF GOVERNORS ON BEHALF OF WEST VIRGINIA UNIVERSITY, US
- [85] 2022-11-24
- [86] 2021-06-01 (PCT/US2021/035267)
- [87] (WO2021/243336)
- [30] US (63/032,095) 2020-05-29

Demandes PCT entrant en phase nationale

[21] 3,180,724
[13] A1

- [51] Int.Cl. E21B 25/02 (2006.01) E21B 47/07 (2012.01) E21B 25/10 (2006.01)
- [25] EN
- [54] HIGH PRESSURE CORE CHAMBER AND EXPERIMENTAL VESSEL
- [54] CHAMBRE A CAROTTES A HAUTE PRESSION ET RECIPIENT D'ESSAI
- [72] KRUEGER, MARTIN C., US
- [72] KELLY, SHAINA A., US
- [72] MICHAEL, GERALD E., US
- [72] SIMOES CORREA, THIAGO B., US
- [71] CONOCOPHILLIPS COMPANY, US
- [85] 2022-11-29
- [86] 2021-06-16 (PCT/US2021/037549)
- [87] (WO2021/257649)
- [30] US (63/039,723) 2020-06-16
- [30] US (17/348,883) 2021-06-16

[21] 3,180,879
[13] A1

- [51] Int.Cl. G06F 16/332 (2019.01)
- [25] EN
- [54] TARGETED PARTIAL RE-ENRICHMENT OF A CORPUS BASED ON NLP MODEL ENHANCEMENTS
- [54] REENRICHISSEMENT PARTIEL CIBLE D'UN CORPS EN FONCTION D'AMELIORATIONS DE MODELE NLP
- [72] CARRIER, SCOTT, US
- [72] BULL, BRENDAN, US
- [72] FELT, PAUL LEWIS, US
- [72] MANSJUR, DWI SANTO, US
- [71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
- [85] 2022-11-30
- [86] 2021-06-09 (PCT/CN2021/099122)
- [87] (WO2021/254227)
- [30] US (16/904,924) 2020-06-18

[21] 3,180,892
[13] A1

- [51] Int.Cl. B32B 15/092 (2006.01) C09D 5/25 (2006.01) C09D 161/14 (2006.01) C09D 163/00 (2006.01) C23C 26/00 (2006.01) H01F 1/18 (2006.01) H01F 27/245 (2006.01) H02K 1/04 (2006.01)
- [25] EN
- [54] COATING COMPOSITION FOR ELECTRICAL STEEL SHEET, ELECTRICAL STEEL SHEET, LAMINATED CORE, AND ROTARY ELECTRIC MACHINE
- [54] COMPOSITION DE REVETEMENT POUR TOLES D'ACIER ELECTROMAGNETIQUE, TOLE D'ACIER ELECTROMAGNETIQUE, NOYAU FEUILLETE ET MACHINE ELECTRIQUE ROTATIVE
- [72] TAKEDA, KAZUTOSHI, JP
- [72] TAKATANI, SHINSUKE, JP
- [72] FUKUCHI, MINAKO, JP
- [72] TANAKA, ICHIRO, JP
- [71] NIPPON STEEL CORPORATION, JP
- [85] 2022-11-30
- [86] 2021-06-17 (PCT/JP2021/023039)
- [87] (WO2021/256536)
- [30] JP (2020-104254) 2020-06-17

[21] 3,180,897
[13] A1

- [51] Int.Cl. D02G 3/40 (2006.01) D02J 1/02 (2006.01) D03D 15/00 (2021.01)
- [25] EN
- [54] SYSTEMS AND METHODS TO PROVIDE COLOR ENHANCED YARNS
- [54] SYSTEMES ET PROCEDES POUR FOURNIR DES FILS A COULEUR AMELIOREE
- [72] CASCIO, ANTHONY, US
- [72] MASON, JAMES, US
- [72] JONES, LUCINDA, US
- [71] ALADDIN MANUFACTURING CORPORATION, US
- [85] 2022-11-30
- [86] 2021-06-16 (PCT/US2021/037673)
- [87] (WO2021/257733)
- [30] US (63/039,626) 2020-06-16
- [30] US (63/039,630) 2020-06-16
- [30] US (63/039,637) 2020-06-16

[21] 3,180,900
[13] A1

- [51] Int.Cl. H02S 20/23 (2014.01)
- [25] EN
- [54] PHOTOVOLTAIC SHINGLES AND METHODS OF INSTALLING SAME
- [54] BARDEAUX PHOTOVOLTAIQUES ET LEURS PROCEDES D'INSTALLATION
- [72] BUNEA, GABRIELA, US
- [72] NGUYEN, THIERRY, US
- [72] KUIPER, MICHAEL DAVID, US
- [72] WRAY, EVAN MICHAEL, US
- [72] ABRA, LEWIS, US
- [72] CLEMENTE, PETER, US
- [72] WEST, BRIAN, US
- [71] GAF ENERGY LLC, US
- [85] 2022-11-30
- [86] 2021-02-05 (PCT/US2021/016810)
- [87] (WO2021/247098)
- [30] US (63/034,530) 2020-06-04
- [30] US (63/074,268) 2020-09-03

[21] 3,180,902
[13] A1

- [51] Int.Cl. H02J 3/14 (2006.01) H02J 3/32 (2006.01)
- [25] EN
- [54] LOAD DETECTION AND PRIORITIZATION FOR AN ENERGY MANAGEMENT SYSTEM
- [54] DETECTION ET HIERARCHISATION DE CHARGES POUR SYSTEME DE GESTION D'ENERGIE
- [72] BELUR, RAGHUVeer R., US
- [71] ENPHASE ENERGY, INC., US
- [85] 2022-11-30
- [86] 2021-06-01 (PCT/US2021/035157)
- [87] (WO2021/247509)
- [30] US (63/033,201) 2020-06-01

PCT Applications Entering the National Phase

[21] 3,180,903
[13] A1

- [51] Int.Cl. C07D 498/22 (2006.01) C07D 515/22 (2006.01)
 - [25] EN
 - [54] N-LINKED MACROCYCLIC 7-(PYRAZOL-5-YL)-INDOLE DERIVATIVES AS INHIBITORS OF MCL-1
 - [54] DERIVES DE 7-(PYRAZOL-5-YL)-INDOLE A LIAISON N EN TANT QU'INHIBITEURS DE MCL-1
 - [72] ROMBOUTS, FREDERIK JAN RITA, BE
 - [72] DE BOECK, BENOIT CHRISTIAN ALBERT GHISLAIN, BE
 - [72] PESCHIULLI, ALDO, BE
 - [72] VELTER, ADRIANA-INGRID, BE
 - [71] JANSSEN PHARMACEUTICA NV, BE
 - [85] 2022-11-30
 - [86] 2021-06-18 (PCT/EP2021/066653)
 - [87] (WO2021/255257)
 - [30] EP (20181138.7) 2020-06-19
 - [30] EP (20203938.4) 2020-10-26
-

[21] 3,180,907
[13] A1

- [51] Int.Cl. H04W 12/06 (2021.01) H04W 12/75 (2021.01) H04W 80/02 (2009.01)
- [25] EN
- [54] METHODS AND APPARATUSES FOR DETERMINING AN AUTHENTICATION TYPE
- [54] PROCEDES ET APPAREILS DE DETERMINATION D'UN TYPE D'AUTHENTIFICATION
- [72] SALKINTZIS, APOSTOLIS, GR
- [72] ATARIUS, ROOZBEH, US
- [72] KUNZ, ANDREAS, DE
- [72] BASKARAN, SHEeba BACKIA MARY, DE
- [71] LENOVO (SINGAPORE) PTE. LTD., SG
- [85] 2022-11-30
- [86] 2020-06-03 (PCT/EP2020/065337)
- [87] (WO2021/244737)

[21] 3,180,908
[13] A1

- [51] Int.Cl. A61K 31/352 (2006.01)
 - [25] EN
 - [54] COMPOSITION CONTAINING CANNABINOIDS
 - [54] COMPOSITION CONTENANT DES CANNABINOÏDES
 - [72] KIELBOWICZ, GRZEGORZ ANDRZEJ, PL
 - [72] MITULA, PAWEŁ, PL
 - [72] TRONINA, TOMASZ, PL
 - [71] HEALTHCANN SP. Z O.O., PL
 - [85] 2022-11-30
 - [86] 2021-06-01 (PCT/PL2021/050035)
 - [87] (WO2021/246884)
 - [30] PL (P.434153) 2020-06-01
-

[21] 3,180,909
[13] A1

- [51] Int.Cl. C23F 17/00 (2006.01) C23C 4/131 (2016.01) C21D 7/06 (2006.01) C22F 1/00 (2006.01) C23C 4/18 (2006.01)

- [25] EN
- [54] WELDED SURFACE COATING USING ELECTRO-SPARK DISCHARGE PROCESS
- [54] REVETEMENT DE SURFACE SOUDE UTILISANT UN PROCEDE DE DEPOT PAR ETINCELAGE
- [72] SCOTCHMER, NIGEL, CA
- [72] PETERKIN, STEPHEN, CA
- [71] HUYS INDUSTRIES LIMITED, CA
- [85] 2022-11-30
- [86] 2021-05-04 (PCT/CA2021/050625)
- [87] (WO2021/223024)
- [30] US (63/020,393) 2020-05-05

[21] 3,180,910
[13] A1

- [51] Int.Cl. E21B 43/12 (2006.01) F04D 13/08 (2006.01) H02K 1/12 (2006.01) H02K 1/27 (2022.01) H02K 5/132 (2006.01) H02K 7/00 (2006.01) H02K 21/12 (2006.01)
 - [25] EN
 - [54] SYSTEMS AND METHODS FOR CONSTRUCTING EFFICIENT PERMANENT MAGNET MOTORS
 - [54] SYSTEMES ET PROCEDES DE CONSTRUCTION DE MOTEURS A AIMANTS PERMANENTS EFFICACES
 - [72] TANNER, DAVID M., US
 - [72] BELLMYER, MARK, US
 - [72] MUHAMMED, AMEEN, US
 - [71] BAKER HUGHES OILFIELD OPERATIONS, LLC, US
 - [85] 2022-11-30
 - [86] 2021-04-30 (PCT/US2021/030289)
 - [87] (WO2021/225904)
 - [30] US (63/022,182) 2020-05-08
-

[21] 3,180,911
[13] A1

- [51] Int.Cl. H04L 1/08 (2006.01) H04W 16/14 (2009.01) H04W 74/08 (2009.01)
- [25] EN
- [54] TIME-DOMAIN REPETITION OF A SET OF TRANSPORT BLOCKS
- [54] REPETITION DANS LE DOMAINE TEMPOREL D'UN ENSEMBLE DE BLOCS DE TRANSPORT
- [72] BHAMRI, ANKIT, DE
- [72] JUNG, HYEJUNG, US
- [72] GOLITSCHEK EDLER VON ELBWART, ALEXANDER JOHANN MARIA, DE
- [71] LENOVO (SINGAPORE) PTE. LTD., SG
- [85] 2022-11-30
- [86] 2021-06-04 (PCT/IB2021/054926)
- [87] (WO2021/245624)
- [30] US (63/034,881) 2020-06-04

Demandes PCT entrant en phase nationale

[21] 3,180,912
[13] A1

[51] Int.Cl. E21B 36/04 (2006.01) E21B 43/24 (2006.01) H05B 6/04 (2006.01)
[25] EN
[54] EXTRACTION FROM A FORMATION WITH INDUCTION HEATING
[54] EXTRACTION DEPUIS UNE FORMATION PAR CHAUFFAGE PAR INDUCTION
[72] DUNFORD, WILLIAM GEORGE, CA
[72] SHERWALI, AHMED HAMID EHMINA, CA
[72] JESPERSEN, PAUL JESPER, CA
[72] NOROOZI, MEHDI, CA
[71] JOSLYN ENERGY DEVELOPMENT INCORPORATED, CA
[85] 2022-11-30
[86] 2021-05-10 (PCT/IB2021/053961)
[87] (WO2021/260455)
[30] US (63/042,778) 2020-06-23
[30] US (63/081,163) 2020-09-21

[21] 3,180,913
[13] A1

[51] Int.Cl. B29C 65/18 (2006.01) B29C 65/24 (2006.01) B29C 65/78 (2006.01) B65B 9/02 (2006.01) B65B 51/28 (2006.01) B65D 75/30 (2006.01) B65D 85/808 (2006.01)
[25] EN
[54] PACKAGING APPARATUS AND METHOD
[54] APPAREIL ET PROCEDE D'EMBALLAGE
[72] BISHOP, ANDREW JOHN, GB
[72] MCCABE, NEAL JAMES, GB
[72] ROBINSON, GARY, GB
[72] MCGOWAN, JOHN FRANCIS, GB
[72] EXLEY, JASON SHAWN LEE, GB
[71] TATA CONSUMER PRODUCTS GB LIMITED, GB
[85] 2022-11-30
[86] 2021-06-11 (PCT/GB2021/051460)
[87] (WO2021/250424)
[30] GB (2008976.9) 2020-06-12

[21] 3,180,914
[13] A1

[51] Int.Cl. A61M 39/26 (2006.01) A61M 39/10 (2006.01)
[25] EN
[54] TUBING SYSTEM WITH REASSEMBLY PREVENTION MECHANISM
[54] SYSTEME DE TUBAGE AVEC MECANISME DE PREVENTION DE REASSEMBLAGE
[72] CLARK, DANIEL LAWRENCE, US
[72] DENNIS, RYAN WAYNE, US
[72] HAYES, JOHN CLIFFORD, US
[72] COUSE, STEPHEN JAMES, US
[71] LINEAR HEALTH SCIENCES, LLC, US
[85] 2022-11-30
[86] 2021-05-31 (PCT/US2021/035074)
[87] (WO2021/247458)
[30] US (63/032,609) 2020-05-30

[21] 3,180,915
[13] A1

[51] Int.Cl. G06F 7/58 (2006.01) G06F 21/60 (2013.01) H04L 9/06 (2006.01)
[25] EN
[54] SHAPESHIFT DATA ENCRYPTION METHODS AND SYSTEMS
[54] PROCEDES ET SYSTEMES DE CHIFFREMENT DE DONNEES DE TRANSFORMATION
[72] SCHWADERER, WILLIAM DAVID, US
[71] SCHWADERER, WILLIAM DAVID, US
[85] 2022-11-30
[86] 2021-06-02 (PCT/US2021/035537)
[87] (WO2021/247766)
[30] US (63/035,527) 2020-06-05

[21] 3,180,916
[13] A1

[51] Int.Cl. F16B 5/02 (2006.01) F16B 13/06 (2006.01) F16B 13/12 (2006.01) F16B 19/10 (2006.01)
[25] EN
[54] FLUID TIGHT BLIND FASTENERS AND METHODS FOR FASTENING
[54] ELEMENTS DE FIXATION EN AVEUGLE ETANCHES AUX FLUIDES ET PROCEDES DE FIXATION
[72] HAYLOCK, LUKE L., US
[72] BALLS, TODD A., US
[72] HUANG, JUNJIE, US
[71] HOWMET AEROSPACE INC., US
[85] 2022-11-30
[86] 2021-06-16 (PCT/US2021/037614)
[87] (WO2021/257694)
[30] US (63/039,772) 2020-06-16

[21] 3,180,917
[13] A1

[51] Int.Cl. C03B 5/235 (2006.01) B65D 88/30 (2006.01) B65D 90/20 (2006.01) B65G 65/32 (2006.01) B65G 65/40 (2006.01) C03B 5/225 (2006.01) C03B 5/44 (2006.01) C03B 7/10 (2006.01) C03B 25/04 (2006.01)
[25] EN
[54] GLASS MANUFACTURING
[54] FABRICATION DE VERRE
[72] WEIL, SCOTT, US
[72] WANG, ZHONGMING, US
[72] ERNSTHAUSEN, RANDY, US
[72] GREEN, THOMAS G., US
[72] SMITH, ROGER P., US
[72] RASHLEY, SHANE T., US
[72] RAUSCH, PHILLIP J., US
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US
[85] 2022-11-30
[86] 2021-10-01 (PCT/US2021/053266)
[87] (WO2022/072904)
[30] US (17/061,302) 2020-10-01

PCT Applications Entering the National Phase

[21] **3,180,918**
[13] A1

- [51] Int.Cl. B66B 9/08 (2006.01) B66B 25/00 (2006.01)
- [25] EN
- [54] METHOD FOR RAISING AN ALERT IN CONNECTION WITH THE USE OF A PLATFORM LIFT
- [54] PROCEDE DE DECLENCHEMENT D'UNE ALERTE EN LIEN AVEC L'UTILISATION D'UNE PLATE-FORME ELEVATRICE
- [72] TROTSBURG, DAVE, NL
- [72] BOXUM, CORNELIS, NL
- [72] DUBBELD, MAARTEN, NL
- [72] VERDUIJN, GERT-JAN, NL
- [71] TK HOME SOLUTIONS B.V., NL
- [85] 2022-11-30
- [86] 2021-06-21 (PCT/EP2021/066784)
- [87] (WO2021/259841)
- [30] EP (20181766.5) 2020-06-23

[21] **3,180,920**
[13] A1

- [51] Int.Cl. D21H 19/02 (2006.01) D21H 19/08 (2006.01) D21H 19/82 (2006.01)
- [25] EN
- [54] BARRIER PAPER OR BOARD
- [54] PAPEL OU CARTON PROTECTEUR
- [72] DUARTE, GUSTAVO, NL
- [72] LOURENCO, VERA, DE
- [72] HOLZLECHNER, MARIO, AT
- [72] SIMONS, JO, BE
- [71] SAPPi NETHERLANDS SERVICES B.V., NL
- [85] 2022-11-30
- [86] 2021-06-23 (PCT/EP2021/067213)
- [87] (WO2021/260043)
- [30] EP (20181691.5) 2020-06-23

[21] **3,180,921**
[13] A1

- [51] Int.Cl. G01N 27/07 (2006.01) G01N 27/74 (2006.01) G01N 33/28 (2006.01)
- [25] EN
- [54] SURFACE ISOLATION RESISTANCE COMPATIBILITY TEST SYSTEM AND METHOD
- [54] SYSTEME ET PROCEDE DE TEST DE COMPATIBILITE DE RESISTANCE D'ISOLATION DE SURFACE
- [72] PEPLow, MITCHELL ANDREW, GB
- [72] HUNT, GREGORY JAMES, GB
- [72] PRENGAMAN, CHRISTOPHER PAUL, US
- [72] JAVAID, RAHMEEN F., GB
- [71] THE LUBRIZOL CORPORATION, US
- [85] 2022-11-30
- [86] 2021-05-28 (PCT/US2021/034957)
- [87] (WO2021/247428)
- [30] US (63/032,893) 2020-06-01

[21] **3,180,923**
[13] A1

- [51] Int.Cl. A61M 15/00 (2006.01)
- [25] EN
- [54] INHALER DEVICE FOR INHALABLE LIQUIDS
- [54] DISPOSITIF D'INHALATION POUR LIQUIDES POUVANT ETRE INHALES
- [72] AESCHLIMANN, ANDREAS, AU
- [72] WILLIAMS, LUKE CHRISTOPHER, AU
- [72] COURTNEY, SCOTT CAMERON, AU
- [71] MEDICAL DEVELOPMENTS INTERNATIONAL LIMITED, AU
- [85] 2022-11-30
- [86] 2021-06-02 (PCT/AU2021/050545)
- [87] (WO2021/243407)
- [30] AU (2020901805) 2020-06-02

[21] **3,180,924**
[13] A1

- [51] Int.Cl. A61F 9/008 (2006.01)
- [25] EN
- [54] LASER SURGICAL SYSTEM FOR S-CURVE INCISION
- [54] SYSTEME CHIRURGICAL LASER POUR UNE INCISION EN FORME DE COURBE EN S
- [72] BOR, ZSOLT, US
- [72] HEGEDUS, IMRE, US
- [72] WATANABE, KEITH, US
- [72] MALEK TABRIZI, ALIREZA, US
- [71] ALCON INC., CH
- [85] 2022-11-30
- [86] 2021-06-24 (PCT/IB2021/055612)
- [87] (WO2021/260619)
- [30] US (63/043,861) 2020-06-25

[21] **3,180,925**
[13] A1

- [51] Int.Cl. H05B 47/175 (2020.01)
- [25] EN
- [54] MODULAR ELECTRICAL ACCESSORY
- [54] ACCESOIRE ELECTRIQUE MODULAIRE
- [72] GODFREY, MICHAEL JAMES, GB
- [72] SIAU, LOONG YEN JOHANN, GB
- [72] LALANI, AL-AZHAR ZAHER, GB
- [72] HUNTER, TONY ROSS, GB
- [72] DANGOOR, MICHAEL, GB
- [71] SOURCE TO SITE ACCESSORIES LIMITED, GB
- [85] 2022-11-30
- [86] 2021-06-03 (PCT/GB2021/051383)
- [87] (WO2021/245420)
- [30] GB (2008381.2) 2020-06-03

Demandes PCT entrant en phase nationale

[21] 3,180,926

[13] A1

- [51] Int.Cl. C30B 23/00 (2006.01) B32B
7/025 (2019.01) C30B 25/10 (2006.01)
C30B 25/16 (2006.01) C30B 25/18
(2006.01) H01L 21/02 (2006.01)
 - [25] EN
 - [54] A-AXIS JOSEPHSON JUNCTIONS
WITH IMPROVED SMOOTHNESS
 - [54] JONCTIONS JOSEPHSON A AXE A
PRESENTANT UN LISSE
AMELIORE
 - [72] LEBBY, MICHAEL S., US
 - [72] HARTMANN, DAVIS H., US
 - [72] ROBSON, MITCH, CA
 - [71] AMBATURE, INC., US
 - [85] 2022-11-30
 - [86] 2021-06-05 (PCT/US2021/036051)
 - [87] (WO2021/248099)
 - [30] US (63/035,162) 2020-06-05
 - [30] US (63/055,065) 2020-07-22
 - [30] US (63/093,267) 2020-10-18
 - [30] US (63/105,230) 2020-10-24
-

[21] 3,180,927

[13] A1

- [51] Int.Cl. G16H 20/60 (2018.01) G16H
10/40 (2018.01) G16H 50/20 (2018.01)
G16H 50/30 (2018.01)
 - [25] EN
 - [54] SYSTEMS, DEVICES, AND
METHODS FOR MEAL
INFORMATION COLLECTION,
MEAL ASSESSMENT, AND
ANALYTE DATA CORRELATION
 - [54] SYSTEMES, DISPOSITIFS ET
PROCEDES DE COLLECTE
D'INFORMATIONS DE REPAS,
EVALUATION DE REPAS ET
CORRELATION DE DONNEES
D'ANALYTES
 - [72] HAYTER, GARY A., US
 - [72] DUNN, TIMOTHY C., US
 - [72] RAM, YASHESVINI V., US
 - [72] CUNNINGHAM, CLAIRE A., US
 - [72] WILLIAMS, JUSTIN N., US
 - [72] LEE, WILLIAM KOO, US
 - [71] ABBOTT DIABETES CARE INC., US
 - [85] 2022-11-30
 - [86] 2021-06-28 (PCT/US2021/039372)
 - [87] (WO2022/005969)
 - [30] US (63/046,849) 2020-07-01
 - [30] US (63/144,782) 2021-02-02
-

[21] 3,180,928

[13] A1

- [51] Int.Cl. A61M 1/00 (2006.01) A61M
27/00 (2006.01) A61M 39/22 (2006.01)
 - [25] EN
 - [54] AMBULATORY FLUID
DRAINAGE AND COLLECTION
DEVICE
 - [54] DISPOSITIF DE COLLECTE ET DE
DRAINAGE DE LIQUIDE
AMBULATOIRE
 - [72] NAGEL, SEAN, US
 - [72] SAMOREZOV, SERGEY, US
 - [71] THE CLEVELAND CLINIC
FOUNDATION, US
 - [85] 2022-11-30
 - [86] 2021-06-04 (PCT/US2021/035953)
 - [87] (WO2021/248035)
 - [30] US (63/035,035) 2020-06-05
-

[21] 3,180,931

[13] A1

- [51] Int.Cl. H01L 31/048 (2014.01) H02S
40/20 (2014.01) B64G 1/44 (2006.01)
 - [25] EN
 - [54] FLEXIBLE SOLAR ARRAY FOR
EXTRATERRESTRIAL
DEPLOYMENT
 - [54] RESEAU SOLAIRE FLEXIBLE
POUR DEPLOIEMENT EXTRA-
TERRESTRE
 - [72] KRUER, MARK A., US
 - [72] YAMANE, JUD J., US
 - [71] NORTHROP GRUMMAN SYSTEMS
CORPORATION, US
 - [85] 2022-11-30
 - [86] 2021-05-18 (PCT/US2021/032850)
 - [87] (WO2022/026032)
 - [30] US (16/943,440) 2020-07-30
-

[21] 3,180,930

[13] A1

- [51] Int.Cl. G01S 7/02 (2006.01) G01S
13/34 (2006.01) G01S 13/93 (2020.01)
 - [25] EN
 - [54] RADAR SIGNAL TRANSMITTING
METHOD, RADAR SIGNAL
RECEIVING METHOD, AND
APPARATUS
 - [54] PROCEDE ET DISPOSITIF
D'EMISSION ET DE RECEPTION
DE SIGNAL RADAR
 - [72] LAO, DAPENG, CN
 - [72] LIU, JINNAN, CN
 - [72] LIU, RONGJIANG, CN
 - [72] YANG, CHEN, CN
 - [72] ZHU, JINTAI, CN
 - [72] LI, DEJIAN, CN
 - [71] HUAWEI TECHNOLOGIES CO.,
LTD., CN
 - [85] 2022-11-30
 - [86] 2020-05-30 (PCT/CN2020/093630)
 - [87] (WO2021/243491)
-

[21] 3,180,934

[13] A1

- [51] Int.Cl. B60P 7/15 (2006.01)
 - [25] EN
 - [54] RESTRAINT SYSTEM FOR CARTS
AND OTHER CARGO
 - [54] SYSTEME DE RETENUE POUR
CHARIOTS ET AUTRES
MARCHANDISES
 - [72] KNOX, HOWARD THOMAS, US
 - [72] KAUFFMAN, GREGORY, US
 - [72] JONES, JEROME, US
 - [71] ANCRA INTERNATIONAL LLC, US
 - [85] 2022-11-30
 - [86] 2021-06-04 (PCT/US2021/035850)
 - [87] (WO2021/252278)
 - [30] US (63/036,158) 2020-06-08
-

[21] 3,180,936

[13] A1

- [51] Int.Cl. G02B 1/14 (2015.01)
- [25] EN
- [54] CURABLE COATING
COMPOSITION
- [54] COMPOSITION DE REVETEMENT
DURCISSABLE
- [72] VALERI, ROBERT, US
- [71] ESSILOR INTERNATIONAL, FR
- [85] 2022-11-30
- [86] 2021-06-03 (PCT/EP2021/064929)
- [87] (WO2021/245198)
- [30] EP (20305586.8) 2020-06-03

PCT Applications Entering the National Phase

[21] 3,180,939

[13] A1

- [51] Int.Cl. B66D 1/54 (2006.01) B66D 3/14 (2006.01) B66D 5/02 (2006.01)
- [25] EN
- [54] ROTATION LOCK DEVICE, LEVER HOIST, AND HOISTING MACHINE
- [54] DISPOSITIF DE VERROUILLAGE DE ROTATION, PALAN A LEVIER ET MACHINE DE LEVAGE
- [72] KASAI, TAKAYUKI, JP
- [71] KITO CORPORATION, JP
- [85] 2022-11-30
- [86] 2021-05-18 (PCT/JP2021/018865)
- [87] (WO2021/251077)
- [30] JP (2020-100235) 2020-06-09
- [30] JP (2020-198927) 2020-11-30

[21] 3,180,941

[13] A1

- [51] Int.Cl. A61K 9/00 (2006.01) A61K 31/164 (2006.01) A61K 31/192 (2006.01) A61P 25/18 (2006.01)
- [25] EN
- [54] NOVEL SYNERGISTIC MEDICINAL COMPOSITIONS FOR TREATING DYSFUNCTIONAL D-SERINE SIGNALING
- [54] NOUVELLES COMPOSITIONS MEDICINALES SYNERGETIQUES POUR LE TRAITEMENT DE LA SIGNALISATION DYSFONCTIONNELLE DE LA D-SERINE
- [72] SAMANT, RAJARAM, IN
- [72] T., RAJENDRA PRASAD, IN
- [71] CELAGENEX RESEARCH (INDIA) PVT. LTD., IN
- [85] 2022-11-30
- [86] 2021-06-01 (PCT/IN2021/050533)
- [87] (WO2021/245697)
- [30] IN (202021018736) 2020-06-01

[21] 3,180,942

[13] A1

- [51] Int.Cl. B22F 9/30 (2006.01) C22C 1/05 (2006.01) C22C 1/06 (2006.01) H01F 1/00 (2006.01) H01F 1/047 (2006.01) H01F 1/053 (2006.01)
- [25] EN
- [54] PRODUCTION OF MAGNETIC MATERIALS
- [54] PRODUCTION DE MATERIAUX MAGNETIQUES
- [72] KASAINI, HENRY W., US
- [71] US METALS REFINING GROUP, INC., US
- [85] 2022-11-30
- [86] 2021-06-01 (PCT/US2021/035313)
- [87] (WO2021/247619)
- [30] US (62/704,883) 2020-06-01

[21] 3,180,944

[13] A1

- [51] Int.Cl. A61K 39/395 (2006.01) A61K 47/64 (2017.01) A61K 47/68 (2017.01)
- [25] EN
- [54] CRYSTALLINE FORMS OF IRAK DEGRADERS
- [54] FORMES CRISTALLINES D'AGENTS DE DEGRADATION D'IRAK
- [72] ZHENG, XIAOZHANG, US
- [72] CORSON, DON, US
- [71] KYMERA THERAPEUTICS, INC., US
- [85] 2022-11-30
- [86] 2021-06-03 (PCT/US2021/035747)
- [87] (WO2021/247899)
- [30] US (63/034,088) 2020-06-03

[21] 3,180,947

[13] A1

- [51] Int.Cl. A61M 5/172 (2006.01)
- [25] EN
- [54] INTRAVENOUS FLUID DELIVERY SYSTEM AND APPARATUS
- [54] SYSTEME ET APPAREIL D'ADMINISTRATION DE FLUIDE PAR VOIE INTRAVEINEUSE
- [72] HASSANI, DANE, US
- [71] DASH ANESTHESIA, US
- [85] 2022-11-30
- [86] 2021-06-01 (PCT/US2021/035256)
- [87] (WO2021/247582)
- [30] US (63/032,857) 2020-06-01

Demandes PCT entrant en phase nationale

[21] **3,180,948**
[13] A1

- [51] Int.Cl. A23F 3/34 (2006.01) A23L 27/14 (2016.01) A61P 25/00 (2006.01) A61P 27/00 (2006.01)
 - [25] EN
 - [54] SUBLINGUAL FORMULATION FOR HYPOTENSION AND SYNCOPÉ
 - [54] FORMULATION SUBLINGUALE CONTRE L'HYPOTENSION ET LA SYNCOPÉ
 - [72] HAMDAN, MOHAMED HUSSEIN, US
 - [72] BRIGNOLE, MICHELE, IT
 - [72] GUIEU, REGIS, FR
 - [72] DEHARO, JEAN-CLAUDE, FR
 - [72] MICHELET, PIERRE, FR
 - [71] HAMDAN, MOHAMED HUSSEIN, US
 - [71] BRIGNOLE, MICHELE, IT
 - [71] GUIEU, REGIS, FR
 - [71] DEHARO, JEAN-CLAUDE, FR
 - [71] MICHELET, PIERRE, FR
 - [85] 2022-11-30
 - [86] 2021-06-02 (PCT/US2021/035363)
 - [87] (WO2021/247647)
 - [30] US (63/033,360) 2020-06-02
-

[21] **3,180,950**
[13] A1

- [51] Int.Cl. H02J 3/00 (2006.01) H02M 7/483 (2007.01) H02J 3/32 (2006.01) H02M 1/084 (2006.01) H02M 1/10 (2006.01) H02M 7/42 (2006.01)
- [25] EN
- [54] ALL-ELECTRIC MOBILE POWER UNIT WITH VARIABLE OUTPUTS
- [54] UNITE DE PUISSANCE MOBILE TOUTE ELECTRIQUE DOTEE DE SORTIES VARIABLES
- [72] SMITH, ALEXANDER J., US
- [72] HUELSKAMP, PAUL M., US
- [72] MEEK, ALEXANDER M., US
- [72] MICKLE, JARED T., US
- [71] MOXION POWER CO., US
- [85] 2022-11-30
- [86] 2021-06-01 (PCT/US2021/035255)
- [87] (WO2021/247581)
- [30] US (63/033,120) 2020-06-01

[21] **3,180,951**
[13] A1

- [51] Int.Cl. A61K 45/06 (2006.01) A61P 37/02 (2006.01) C07K 14/705 (2006.01) C07K 16/22 (2006.01)
 - [25] EN
 - [54] ANTI-T CELL ANTIGEN-BINDING MOLECULE FOR USE IN COMBINATION WITH ANGIOGENESIS INHIBITOR
 - [54] MOLECULE DE LIAISON A L'ANTIGENE ANTI-LYMPHOCYTES T DESTINEE A ETRE UTILISEE EN ASSOCIATION AVEC UN INHIBITEUR D'ANGIOGENESE
 - [72] TANAKA, TAKAYOSHI, JP
 - [72] SANO, YUJI, JP
 - [72] KAWAI, YUMIKO, JP
 - [71] CHUGAI SEIYAKU KABUSHIKI-KAISHA, JP
 - [85] 2022-11-30
 - [86] 2021-06-18 (PCT/JP2021/023149)
 - [87] (WO2021/256555)
 - [30] JP (2020-106501) 2020-06-19
-

[21] **3,180,952**
[13] A1

- [51] Int.Cl. E06C 7/42 (2006.01) E06C 1/22 (2006.01) E06C 7/18 (2006.01)
- [25] EN
- [54] LATERAL STABILIZING DEVICE FOR WORKING LADDER
- [54] DISPOSITIF STABILISATEUR LATERAL POUR ECHELLE DE TRAVAIL
- [72] SHIH, CHANG-I, CN
- [71] SHIH, CHANG-I, CN
- [85] 2022-11-30
- [86] 2020-06-09 (PCT/CN2020/095125)
- [87] (WO2021/248312)

[21] **3,180,963**
[13] A1

- [51] Int.Cl. A23D 7/005 (2006.01) C11B 5/00 (2006.01)
 - [25] EN
 - [54] UNSATURATED FATTY ACID-CONTAINING WATER-IN-OIL TYPE COMPOSITION AND METHOD FOR PRODUCING SAME
 - [54] COMPOSITION DE TYPE EAU DANS L'HUILE CONTENANT UN ACIDE GRAS INSATURE ET METHODE DE FABRICATION
 - [72] HASHIMOTO, ARATA, JP
 - [72] KATO, MASAHIRO, JP
 - [71] FUJI OIL HOLDINGS INC., JP
 - [85] 2022-12-01
 - [86] 2021-05-20 (PCT/JP2021/019190)
 - [87] (WO2021/251097)
 - [30] JP (2020-102311) 2020-06-12
-

[21] **3,180,964**
[13] A1

- [51] Int.Cl. A61K 31/135 (2006.01) A61K 47/26 (2006.01) A61K 47/36 (2006.01) A61P 25/24 (2006.01)
- [25] EN
- [54] METHODS FOR TREATING MAJOR DEPRESSIVE DISORDER AND TREATMENT-RESISTANT DEPRESSION
- [54] PROCEDES DE TRAITEMENT DE TROUBLE DEPRESSIF MAJEUR ET DE DEPRESSION RESISTANTE AU TRAITEMENT
- [72] LEE, YIP HANG EDDY, SG
- [72] LIM, CHIN BENG STEPHEN, AU
- [71] IX BIOPHARMA LIMITED, AU
- [71] IX BIOPHARMA LTD, SG
- [85] 2022-12-01
- [86] 2021-05-28 (PCT/AU2021/050519)
- [87] (WO2021/243399)
- [30] AU (2020901810) 2020-06-02

PCT Applications Entering the National Phase

[21] 3,180,965

[13] A1

- [51] Int.Cl. C02F 9/00 (2023.01) C02F 1/02 (2006.01) C02F 1/44 (2006.01) C02F 1/52 (2006.01) C02F 1/72 (2006.01)
 - [25] EN
 - [54] SALT SEPARATION AND DESTRUCTION OF PFAS UTILIZING REVERSE OSMOSIS AND SALT SEPARATION
 - [54] SEPARATION DE SEL ET DESTRUCTION DE PFAS A L'AIDE D'UNE OSMOSE INVERSE ET D'UNE SEPARATION DE SEL
 - [72] ROSANSKY, STEPHEN H., US
 - [72] MILLER, MICHAEL, US
 - [72] NORRIS, PATRICK, US
 - [72] ARGUMEDO, DARWIN, US
 - [72] HENDRY, DOUGLAS, US
 - [72] HAGGERTY, IAN, US
 - [72] BROWN, KEITH, US
 - [72] JAMES, JOSHUA, US
 - [72] CASCIANO, JOE, US
 - [72] WINECKI, SLAWOMIR, US
 - [72] LAL, VIVEK, US
 - [72] MCGUINNESS, TOM, US
 - [71] BATTELLE MEMORIAL INSTITUTE, US
 - [85] 2022-12-01
 - [86] 2021-08-06 (PCT/US2021/045121)
 - [87] (WO2022/032207)
 - [30] US (63/062,251) 2020-08-06
-

[21] 3,180,970

[13] A1

- [51] Int.Cl. H05B 47/19 (2020.01) H05B 47/16 (2020.01)
 - [25] EN
 - [54] COMMUNICATION OF MESSAGES USING A COORDINATED MULTICAST TECHNIQUE
 - [54] COMMUNICATION DE MESSAGES A L'AIDE D'UNE TECHNIQUE DE MULTIDIFFUSION COORDONNÉE
 - [72] KNODE, GALEN EDGAR, US
 - [72] CRAFTS, JORDAN H., US
 - [71] LUTRON TECHNOLOGY COMPANY LLC, US
 - [85] 2022-12-01
 - [86] 2021-07-13 (PCT/US2021/041494)
 - [87] (WO2022/015770)
 - [30] US (63/051,156) 2020-07-13
-

[21] 3,180,975

[13] A1

- [51] Int.Cl. B01D 53/86 (2006.01) B01J 23/22 (2006.01) C09C 1/48 (2006.01)
 - [25] EN
 - [54] CATALYTIC OXIDATION OF CARBON BLACK EXHAUST GAS
 - [54] OXYDATION CATALYTIQUE DE GAZ D'ECHAPPEMENT DE NOIR DE CARBONE
 - [72] LYKKE, MADS, DK
 - [72] REYNOLDS JR, GORDON R., US
 - [71] TOPSOE A/S, DK
 - [85] 2022-12-01
 - [86] 2021-06-10 (PCT/EP2021/065593)
 - [87] (WO2021/250161)
 - [30] US (63/037,991) 2020-06-11
-

[21] 3,180,981

[13] A1

- [51] Int.Cl. A61K 31/125 (2006.01) C12N 15/113 (2010.01) A61K 31/7115 (2006.01) A61K 31/712 (2006.01)
- [25] EN
- [54] METHODS FOR THE TREATMENT OF NUCLEOTIDE REPEAT EXPANSION DISORDERS ASSOCIATED WITH MSH3 ACTIVITY
- [54] METHODES POUR LE TRAITEMENT DE TROUBLES D'EXPANSION DE REPETITIONS TRINUCLEOTIDIQUES ASSOCIES A UNE ACTIVITE MSH3
- [72] BIRMINGHAM, NESSAN ANTHONY, US
- [72] BETTENCOURT, BRIAN R., US
- [72] GE, PEI, US
- [71] TRIPLET THERAPEUTICS, INC., US
- [85] 2022-12-01
- [86] 2020-06-03 (PCT/US2020/035972)
- [87] (WO2021/247020)

[21] 3,180,987

[13] A1

- [51] Int.Cl. A61B 5/00 (2006.01) A61B 5/0205 (2006.01) A61B 5/024 (2006.01)
 - [25] EN
 - [54] FITNESS MONITORING AND TRACKING DEVICE
 - [54] SURVEILLANCE DE CONDITION PHYSIQUE ET DISPOSITIF DE SUIVI
 - [72] PATERSON, ROBERT, GB
 - [72] QUINN, THOMAS, GB
 - [71] ORB INNOVATIONS LTD, GB
 - [85] 2022-12-01
 - [86] 2021-05-28 (PCT/GB2021/051317)
 - [87] (WO2021/245384)
 - [30] GB (2008477.8) 2020-06-05
-

[21] 3,180,994

[13] A1

- [51] Int.Cl. G01C 21/32 (2006.01) G06F 3/0481 (2022.01) G01C 21/34 (2006.01) G05D 1/00 (2006.01) G05D 1/02 (2020.01)
- [25] EN
- [54] METHOD AND SYSTEM FOR DATA-DRIVEN AND MODULAR DECISION MAKING AND TRAJECTORY GENERATION OF AN AUTONOMOUS AGENT
- [54] PROCEDE ET SYSTEME POUR LA PRISE DE DECISION GUIDEES PAR LES DONNEES ET MODULAIRE ET LA GENERATION DE TRAJECTOIRE D'UN AGENT AUTONOME
- [72] NARANG, GAUTAM, US
- [72] KUMAVAT, APEKSHA, US
- [72] NARANG, ARJUN, US
- [72] TIEU, KINH, US
- [72] SMART, MICHAEL, US
- [72] ILLEVSKI, MARKO, US
- [71] GATAK AI INC., US
- [85] 2022-12-01
- [86] 2020-12-17 (PCT/US2020/065700)
- [87] (WO2021/247081)
- [30] US (63/035,401) 2020-06-05
- [30] US (63/055,763) 2020-07-23

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 3,180,995</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G06Q 20/30 (2012.01) G06Q 20/40 (2012.01)</p> <p>[25] EN</p> <p>[54] METHOD AND SYSTEM FOR CONDUCTING NON-FIAT CURRENCY TRANSACTIONS IN A CARD INFRASTRUCTURE</p> <p>[54] PROCEDE ET SYSTEME POUR EFFECTUER DES TRANSACTIONS AVEC DES DEVISES NON-FIAT SUR UNE INFRASTRUCTURE DE CARTE</p> <p>[72] GOLDOVSKIJ, IGOR' MIHAJLOVICH, RU</p> <p>[71] AKCIONERNOE OБSHCHESTVO "NACIONAL'NAYA SISTEMA PLATEZHNÝKH KART", RU</p> <p>[85] 2022-12-01</p> <p>[86] 2021-04-28 (PCT/RU2021/000180)</p> <p>[87] (WO2021/246901)</p> <p>[30] RU (2020118283) 2020-06-03</p> <hr/> <p style="text-align: right;">[21] 3,180,999</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G05B 1/00 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD AND SYSTEM FOR DETERMINISTIC TRAJECTORY SELECTION BASED ON UNCERTAINTY ESTIMATION FOR AN AUTONOMOUS AGENT</p> <p>[54] PROCEDE ET SYSTEME DE SELECTION DE TRAJECTOIRE DETERMINISTE SUR LA BASE D'UNE ESTIMATION D'INCERTITUDE POUR UN AGENT AUTONOME</p> <p>[72] NARANG, GAUTAM, US</p> <p>[72] KUMAVAT, APEKSHA, US</p> <p>[72] NARANG, ARJUN, US</p> <p>[72] TIEU, KINH, US</p> <p>[72] SMART, MICHAEL, US</p> <p>[72] ILLEVSKI, MARKO, US</p> <p>[71] GATIK AI INC., US</p> <p>[85] 2022-12-01</p> <p>[86] 2020-12-18 (PCT/US2020/066181)</p> <p>[87] (WO2021/247082)</p> <p>[30] US (63/035,401) 2020-06-05</p> <p>[30] US (63/055,794) 2020-07-23</p>	<p style="text-align: right;">[21] 3,181,004</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. C12Q 1/6806 (2018.01) C12Q 1/6869 (2018.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR ANALYZING TARGET NUCLEIC ACID FROM CELL</p> <p>[54] PROCEDE D'ANALYSE DE L'ACIDE NUCLEIQUE CIBLE D'UNE CELLULE</p> <p>[72] SHI, WEIYANG, CN</p> <p>[71] TENK GENOMICS, INC., CN</p> <p>[85] 2022-12-01</p> <p>[86] 2021-06-02 (PCT/CN2021/097800)</p> <p>[87] (WO2021/244557)</p> <p>[30] CN (202010495334.6) 2020-06-03</p> <p>[30] CN (202010506791.0) 2020-06-05</p> <hr/> <p style="text-align: right;">[21] 3,181,007</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A01N 25/02 (2006.01) A01N 25/30 (2006.01) A01N 31/02 (2006.01) A01N 43/80 (2006.01) A01N 45/02 (2006.01) A01P 13/00 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS AND COMPOSITIONS</p> <p>[54] PROCEDES ET COMPOSITIONS</p> <p>[72] TINDALL, AARON, AU</p> <p>[71] TINDALL, AARON, AU</p> <p>[85] 2022-12-01</p> <p>[86] 2021-06-04 (PCT/IB2021/054892)</p> <p>[87] (WO2021/245607)</p> <p>[30] NZ (765147) 2020-06-04</p> <hr/> <p style="text-align: right;">[21] 3,181,013</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. C07K 16/28 (2006.01) A61K 47/68 (2017.01)</p> <p>[25] EN</p> <p>[54] ANTI-B7-H3 ANTIBODY AND PREPARATION THEREFOR AND USE THEREOF</p> <p>[54] ANTICORPS ANTI-B7-H3 ET SA PREPARATION ET SON UTILISATION</p> <p>[72] ZHU, LIYUAN, CN</p> <p>[72] WANG, WENYI, CN</p> <p>[72] LANG, GUOJUN, CN</p> <p>[72] DENG, MIN, CN</p> <p>[71] MINGHUI PHARMACEUTICAL (SHANGHAI) LIMITED, CN</p> <p>[71] MINGHUI PHARMACEUTICAL (HANGZHOU) LIMITED, CN</p> <p>[85] 2022-12-01</p> <p>[86] 2021-06-02 (PCT/CN2021/098018)</p> <p>[87] (WO2021/244590)</p> <p>[30] CN (202010491448.3) 2020-06-02</p>	<p style="text-align: right;">[21] 3,181,017</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A61K 9/06 (2006.01) A61K 9/14 (2006.01) A61K 31/352 (2006.01) A61K 47/26 (2006.01) A61P 11/00 (2006.01)</p> <p>[25] EN</p> <p>[54] ANTHOCYANIN AND QUERCETIN BASED FORMULATIONS FOR IMPROVED RESPIRATORY HEALTH</p> <p>[54] FORMULATIONS A BASE D'ANTHOCYANINES ET DE QUERCETINE POUR AMELIORER LA SANTE RESPIRATOIRE</p> <p>[72] SCHACK, DARCY MARC, NZ</p> <p>[72] CAMPBELL, ANNA WENDY, NZ</p> <p>[71] ZESTT WELLNESS LIMITED, NZ</p> <p>[85] 2022-12-01</p> <p>[86] 2021-06-21 (PCT/US2021/038180)</p> <p>[87] (WO2021/262567)</p> <p>[30] US (63/042,783) 2020-06-23</p> <p>[30] US (17/352,336) 2021-06-20</p> <hr/> <p style="text-align: right;">[21] 3,181,021</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G06Q 20/02 (2012.01)</p> <p>[25] EN</p> <p>[54] METHOD AND SYSTEM FOR TRANSFERRING FUNDS BETWEEN ACCOUNTS</p> <p>[54] PROCEDE ET SYSTEME DE TRANSFERT DE MOYENS FINANCIERS DE COMPTE A COMPTE</p> <p>[72] SOLOV'EV, EVGENIJ GEORGIEVICH, RU</p> <p>[72] KOLESNIKOV, DMITRIJ ALEKSANDROVICH, RU</p> <p>[72] PETUSHKOVA, NATAL'YA OLEGOVNA, RU</p> <p>[72] EZHKOV, ALEKSEJ ALEKSEEVICH, RU</p> <p>[72] RYABYJ, PAVEL VALENTINOVICH, RU</p> <p>[72] BERLIZEVA, EVGENIYA MIHAJLOVNA, RU</p> <p>[71] AKCIONERNOE OБSHCHESTVO "NACIONAL'NAYA SISTEMA PLATEZHNÝKH KART", RU</p> <p>[85] 2022-12-01</p> <p>[86] 2021-10-28 (PCT/RU2021/000469)</p> <p>[87] (WO2022/103299)</p> <p>[30] RU (2020136985) 2020-11-11</p>
--	---	--

PCT Applications Entering the National Phase

<p>[21] 3,181,023 [13] A1</p> <p>[51] Int.Cl. A01H 1/02 (2006.01) A01H 4/00 (2006.01)</p> <p>[25] EN</p> <p>[54] IN VITRO EMBRYO RESCUE</p> <p>[54] RECUPERATION D'EMBRYONS IN VITRO</p> <p>[72] KOHLER, CLAUDIA, SE</p> <p>[72] XU, WENJIA, SE</p> <p>[71] BASF AGRICULTURAL SOLUTIONS SEED US LLC, US</p> <p>[85] 2022-12-01</p> <p>[86] 2021-03-25 (PCT/SE2021/050264)</p> <p>[87] (WO2021/251860)</p> <p>[30] SE (2050671-3) 2020-06-09</p>

<p>[21] 3,181,024 [13] A1</p> <p>[51] Int.Cl. A61K 48/00 (2006.01) A61P 25/28 (2006.01) C12N 9/24 (2006.01) C12N 15/864 (2006.01)</p> <p>[25] EN</p> <p>[54] VIRAL PARTICLES FOR USE IN TREATING TAUOPATHIES SUCH AS ALZHEIMER'S DISEASES BY GENE THERAPY</p> <p>[54] PARTICULES VIRALES A UTILISER DANS LE TRAITEMENT DE TAUOPATHIES DE TYPE MALADIE D'ALZHEIMER PAR THERAPIE GENIQUE</p> <p>[72] GONZALEZ-ASEGUINOLAZA, GLORIA, ES</p> <p>[72] SUCUNZA GUIBERT, DIEGO, ES</p> <p>[72] LANCIEGO PEREZ, JOSE LUIS, ES</p> <p>[72] LINDEM, RALPH MICHAEL, GB</p> <p>[71] FUNDACION PARA LA INVESTIGACION MEDICA APlicada, ES</p> <p>[71] CONSORCIO CENTRO DE INVESTIGACION BIOMEDICA EN RED, ES</p> <p>[71] UCB BIOPHARMA SRL, BE</p> <p>[85] 2022-12-01</p> <p>[86] 2021-08-06 (PCT/EP2021/072074)</p> <p>[87] (WO2022/029322)</p> <p>[30] EP (PCT/EP2020/072091) 2020-08-06</p>
--

<p>[21] 3,181,026 [13] A1</p> <p>[51] Int.Cl. C07K 16/10 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS FOR TREATING OR PREVENTING SARS-COV-2 INFECTIONS AND COVID-19 WITH ANTI-SARS-COV-2 SPIKE GLYCOPROTEIN ANTIBODIES</p> <p>[54] METHODES DE TRAITEMENT OU</p>
--

<p>DE PREVENTION D'INFECTIONS AU SARS-COV-2 ET DE LA COVID-19 A L'AIDE D'ANTICORPS DE GLYCOPROTEINE DE SPICULE ANTI-SARS-COV-2</p> <p>[72] GANGULY, SAMIT, US</p> <p>[72] HAMILTON, JENNIFER, US</p> <p>[72] HERMAN, GARY, US</p> <p>[72] HOOPER, ANDREA, US</p> <p>[72] ISA, FLONZA, US</p> <p>[72] O'BRIEN, MEAGAN, US</p> <p>[72] SIVAPALASINGAM, SUMATHI, US</p> <p>[72] TURNER, KENNETH, US</p> <p>[72] FORLEO NETO, EDUARDO, US</p> <p>[71] REGENERON PHARMACEUTICALS, INC., US</p> <p>[85] 2022-12-01</p> <p>[86] 2021-06-02 (PCT/US2021/035556)</p> <p>[87] (WO2021/247779)</p> <p>[30] US (63/034,348) 2020-06-03</p> <p>[30] US (63/036,956) 2020-06-09</p> <p>[30] US (63/038,274) 2020-06-12</p> <p>[30] US (63/043,336) 2020-06-24</p> <p>[30] US (63/060,592) 2020-08-03</p> <p>[30] US (63/062,961) 2020-08-07</p> <p>[30] US (63/065,799) 2020-08-14</p> <p>[30] US (63/084,881) 2020-09-29</p> <p>[30] US (63/085,066) 2020-09-29</p> <p>[30] US (63/089,399) 2020-10-08</p> <p>[30] US (63/090,690) 2020-10-12</p> <p>[30] US (63/094,133) 2020-10-20</p> <p>[30] US (63/105,779) 2020-10-26</p> <p>[30] US (63/106,696) 2020-10-28</p> <p>[30] US (63/112,140) 2020-11-10</p> <p>[30] US (63/116,773) 2020-11-20</p> <p>[30] US (63/119,593) 2020-11-30</p> <p>[30] US (63/120,065) 2020-12-01</p> <p>[30] US (63/124,980) 2020-12-14</p> <p>[30] US (63/131,627) 2020-12-29</p> <p>[30] US (63/141,423) 2021-01-25</p> <p>[30] US (63/141,952) 2021-01-26</p> <p>[30] US (63/142,471) 2021-01-27</p> <p>[30] US (63/144,789) 2021-02-02</p> <p>[30] US (63/150,978) 2021-02-18</p> <p>[30] US (63/162,504) 2021-03-17</p> <p>[30] US (63/162,996) 2021-03-18</p> <p>[30] US (63/164,488) 2021-03-22</p> <p>[30] US (63/165,654) 2021-03-24</p> <p>[30] US (63/166,187) 2021-03-25</p> <p>[30] US (63/173,468) 2021-04-11</p> <p>[30] US (63/185,301) 2021-05-06</p> <p>[30] US (63/186,029) 2021-05-07</p>
--

<p>[21] 3,181,027 [13] A1</p> <p>[51] Int.Cl. B23K 31/02 (2006.01) B23K 26/60 (2014.01) B23K 11/34 (2006.01) B23K 13/00 (2006.01) B23K 20/24 (2006.01) C23C 4/131 (2016.01)</p> <p>[25] EN</p> <p>[54] WELDED ASSEMBLY AND METHOD OF WELDING USING ELECTRO-SPARK DISCHARGE</p> <p>[54] ENSEMBLE SOUDE ET PROCEDE DE SOUDAGE PAR ELECTRO-EROSION</p> <p>[72] PETERKIN, STEPHEN, CA</p> <p>[72] SCOTCHMER, NIGEL, CA</p> <p>[72] LEUNG, DOMINIC CHEUK HUNG, CA</p> <p>[71] HUYS INDUSTRIES LIMITED, CA</p> <p>[85] 2022-12-01</p> <p>[86] 2021-04-14 (PCT/CA2021/050501)</p> <p>[87] (WO2021/207838)</p> <p>[30] US (63/010,017) 2020-04-14</p>

<p>[21] 3,181,028 [13] A1</p> <p>[51] Int.Cl. B66B 1/32 (2006.01) B66B 9/04 (2006.01)</p> <p>[25] EN</p> <p>[54] BRAKE ASSEMBLY FOR A PNEUMATIC VACUUM ELEVATOR AND METHOD TO OPERATE THE SAME</p> <p>[54] ENSEMBLE FREIN POUR ASCENSEUR A VIDE PNEUMATIQUE ET SON PROCEDE D'ACTIONNEMENT</p> <p>[72] BABU, KILLAKATHU RAMANATHAN, IN</p> <p>[71] BABU, KILLAKATHU RAMANATHAN, IN</p> <p>[85] 2022-12-01</p> <p>[86] 2020-09-11 (PCT/IB2020/058456)</p> <p>[87] (WO2021/245457)</p> <p>[30] IN (202041023091) 2020-06-02</p>
--

Demandes PCT entrant en phase nationale

[21] 3,181,033
[13] A1

- [51] Int.Cl. A23G 9/04 (2006.01) A23L 29/25 (2016.01) A23L 29/30 (2016.01) A23L 33/125 (2016.01) A23L 33/16 (2016.01) A23L 2/52 (2006.01) A61P 3/14 (2006.01)
- [25] EN
- [54] LOW OSMOLALITY ORAL REHYDRATION SLUSH COMPOSITION
- [54] COMPOSITION DE BARBOTINE DE REHYDRATATION PAR VOIE ORALE A FAIBLE OSMOLALITE
- [72] MORROW, ELIZABETH, US
- [72] TERP, MEGAN, US
- [72] WOLF, DAVID, US
- [71] ABBOTT LABORATORIES, US
- [85] 2022-12-01
- [86] 2021-06-08 (PCT/US2021/036323)
- [87] (WO2021/252440)
- [30] US (63/036,525) 2020-06-09

[21] 3,181,035
[13] A1

- [51] Int.Cl. F03D 1/04 (2006.01)
- [25] EN
- [54] A HORIZONTAL AXIS WIND TURBINE AND METHOD FOR GENERATING ELECTRICAL ENERGY
- [54] EOLIENNE A AXE HORIZONTAL ET PROCEDE DE GENERATION D'ENERGIE ELECTRIQUE
- [72] KIEZEBRINK, POPKE LAMMERT SJOERD, NL
- [71] DUTCH VENTUS IP B.V., NL
- [85] 2022-12-01
- [86] 2021-06-09 (PCT/EP2021/065490)
- [87] (WO2021/250107)
- [30] NL (2025800) 2020-06-10

[21] 3,181,037
[13] A1

- [51] Int.Cl. C23C 22/73 (2006.01) C23G 1/24 (2006.01) C23G 1/26 (2006.01) C23C 22/18 (2006.01) C23C 22/83 (2006.01)
- [25] EN
- [54] PHOSPHONATE-FREE, AQUEOUS PICKLING COMPOSITIONS AND THEIR USE
- [54] COMPOSITIONS DE DECAPAGE AQUEUSES EXEMPTES DE PHOSPHONATE ET LEUR UTILISATION
- [72] MOHR, ANNA VERENA, DE
- [72] SIX, MARCELL, DE
- [72] KHELFALLAH, NAWEL SOUAD, DE
- [71] CHEMETALL GMBH, DE
- [85] 2022-12-01
- [86] 2021-06-04 (PCT/EP2021/064967)
- [87] (WO2021/249879)
- [30] EP (20179331.2) 2020-06-10

[21] 3,181,038
[13] A1

- [51] Int.Cl. A62B 18/00 (2006.01) A62B 9/00 (2006.01) A62B 17/04 (2006.01) A62B 18/08 (2006.01)
- [25] EN
- [54] SYSTEMS, DEVICES, AND METHODS FOR PROTECTING AGAINST RESPIRATORY HAZARDS
- [54] SYSTEMES, DISPOSITIFS ET PROCEDES DE PROTECTION CONTRE DES DANGERS RESPIRATOIRES
- [72] ANGEL, HAROLD ALEXANDER, CA
- [72] BRAY-MINERS, JORDAN JAMES, CA
- [71] HUMANSYSTEMS INCORPORATED, CA
- [85] 2022-12-01
- [86] 2021-08-10 (PCT/CA2021/051104)
- [87] (3181038)
- [30] US (63/063,616) 2020-08-10

[21] 3,181,046
[13] A1

- [51] Int.Cl. C08L 71/10 (2006.01) C08K 3/01 (2018.01) C08K 3/013 (2018.01) A61B 17/00 (2006.01) A61B 17/68 (2006.01) A61L 31/12 (2006.01) B29C 70/40 (2006.01) C08K 3/30 (2006.01) C08K 7/06 (2006.01)
- [25] EN
- [54] COMPOSITE MATERIALS
- [54] MATERIAUX COMPOSITES
- [72] PATEL, DHARMESH, GB
- [72] LAMORINIÈRE, STEVEN, GB
- [71] INVIBIO DEVICE COMPONENT MANUFACTURING LIMITED, GB
- [85] 2022-12-01
- [86] 2021-07-01 (PCT/GB2021/051670)
- [87] (WO2022/008877)
- [30] GB (2010576.3) 2020-07-09

[21] 3,181,047
[13] A1

- [51] Int.Cl. H01M 4/04 (2006.01) H01M 4/134 (2010.01) H01M 4/1395 (2010.01) H01M 10/0525 (2010.01) H01M 4/02 (2006.01) H01M 4/36 (2006.01) H01M 4/38 (2006.01) H01M 4/62 (2006.01)
- [25] EN
- [54] METHOD FOR PRODUCING A SILICON-BASED ELECTRODE MATERIAL
- [54] PROCEDE DE FABRICATION D'UN MATERIAU D'ELECTRODE A BASE DE SILICIUM
- [72] GENTISCHER, HARALD, DE
- [72] BIRO, DANIEL, DE
- [72] HABERZETTL, PETER, DE
- [72] DREWS, MATHIAS, DE
- [72] HORZEL, JORG, DE
- [72] DOLD, LUKAS, DE
- [71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
- [85] 2022-12-01
- [86] 2021-06-02 (PCT/EP2021/064851)
- [87] (WO2021/245166)
- [30] DE (10 2020 003 354.7) 2020-06-03

PCT Applications Entering the National Phase

[21] 3,181,055
[13] A1

- [51] Int.Cl. B07C 5/342 (2006.01) G01N 21/3563 (2014.01) G01N 21/31 (2006.01) G01N 21/84 (2006.01) G01N 21/85 (2006.01)
- [25] EN
- [54] APPARATUS FOR DETECTING MATTER
- [54] APPAREIL DE DETECTION DE MATIERE
- [72] BALTHASAR, DIRK, DE
- [72] MAYER, MICHAEL, DE
- [72] STURM, PATRICK, DE
- [72] TUCKMANTEL, TOBIAS, DE
- [71] TOMRA SORTING GMBH, DE
- [85] 2022-12-01
- [86] 2021-05-04 (PCT/EP2021/061647)
- [87] (WO2021/249698)
- [30] EP (20178662.1) 2020-06-08

[21] 3,181,059
[13] A1

- [51] Int.Cl. F16L 41/14 (2006.01) F16B 39/32 (2006.01)
- [25] EN
- [54] QUICK-FIT CONNECTION ASSEMBLY
- [54] ENSEMBLE RACCORD RAPIDE
- [72] TROMBATORE, GIUSEPPE, IT
- [71] TROMBATORE, GIUSEPPE, IT
- [85] 2022-12-01
- [86] 2021-07-05 (PCT/IB2021/056008)
- [87] (WO2022/009070)
- [30] IT (102020000016222) 2020-07-06

[21] 3,181,061
[13] A1

- [51] Int.Cl. C01B 39/00 (2006.01) C01B 39/02 (2006.01) H01M 4/04 (2006.01) H01M 4/40 (2006.01) H01M 4/80 (2006.01) H01M 4/86 (2006.01)
- [25] EN
- [54] FIRE-PROOF LITHIUM-ION BATTERY
- [54] BATTERIE LITHIUM-ION ININFLAMMABLE
- [72] LIN, JERRY, US
- [72] RAFIZ, KISHEN, US
- [71] ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY, US
- [85] 2022-12-01
- [86] 2021-06-02 (PCT/US2021/035491)
- [87] (WO2021/247736)
- [30] US (63/033,622) 2020-06-02

[21] 3,181,062
[13] A1

- [51] Int.Cl. E04D 3/36 (2006.01) E04D 5/14 (2006.01) F16B 25/00 (2006.01)
- [25] EN
- [54] GRADIENT INSULATION SCREW WITH RIGHT-HANDED ROTATION DRILLING TIP AND LR THREAD FOR ADJUSTABLE FASTENING OF A ROOFING MEMBRANE ON A STEEL SHEET
- [54] VIS D'ISOLATION GRADIENT AVEC POINTE DE FORAGE A ROTATION DE LA MAIN DROITE ET FILETAGE LR POUR UNE FIXATION AJUSTABLE D'UNE MEMBRANE DE COUVERTURE SUR UNE TOLE D'ACIER
- [72] LAMMER-KLUPAZEK, EWALD, AT
- [72] WAGNER, VOLKER, DE
- [72] HELLWIG, MICHAEL, DE
- [72] HEINRICH, KOSTJA, DE
- [72] SIEGEMUND, UWE, DE
- [71] EJOT SE & CO. KG, DE
- [85] 2022-12-01
- [86] 2021-03-26 (PCT/EP2021/057881)
- [87] (WO2021/244787)
- [30] DE (10 2020 207 059.8) 2020-06-05

[21] 3,181,063
[13] A1

- [51] Int.Cl. C09K 8/532 (2006.01)
- [25] EN
- [54] USING HYDROPHOBIC SILICA NANOPARTICLES TO REDUCE THE DEPOSITION OF SOLID SULFUR IN NATURAL GAS WELLS
- [54] UTILISATION DE NANOParticules de silice hydrophobes pour reduire le dépôt de soufre solide dans des puits de gaz naturel
- [72] SOUTHWELL, JOHN EDMOND, US
- [72] MAGUIRE-BOYLE, SAMUEL JAMES, US
- [71] NISSAN CHEMICAL AMERICA CORPORATION, US
- [85] 2022-12-01
- [86] 2021-06-01 (PCT/US2021/035214)
- [87] (WO2021/247546)
- [30] US (63/033,555) 2020-06-02
- [30] US (63/067,719) 2020-08-19
- [30] US (63/067,718) 2020-08-19
- [30] US (63/067,715) 2020-08-19
- [30] US (63/033,558) 2020-06-02
- [30] US (63/067,729) 2020-08-19
- [30] US (63/067,703) 2020-08-19
- [30] US (63/067,706) 2020-08-19

[21] 3,181,065
[13] A1

- [51] Int.Cl. H05B 45/10 (2020.01) F21K 9/278 (2016.01) F21K 9/68 (2016.01) H05B 47/18 (2020.01) H05B 47/19 (2020.01)
- [25] EN
- [54] LINEAR LIGHTING DEVICE
- [54] DISPOSITIF D'ECLAIRAGE LINEAIRE
- [72] BOCOCK, RYAN M., US
- [72] DONG, FANGXU, US
- [72] FOX, ARI L., US
- [72] GREEN, CHRISTOPHER M., US
- [72] OGDEN, JR. PETER W., US
- [72] PHILLIPS, STEPHEN, US
- [72] REDUS, JONATHAN R., US
- [72] SHUKLA, JAYKRISHNA A., US
- [71] LUTRON TECHNOLOGY COMPANY LLC, US
- [85] 2022-12-01
- [86] 2021-07-30 (PCT/US2021/044058)
- [87] (WO2022/026918)
- [30] US (63/059,745) 2020-07-31
- [30] US (63/123,827) 2020-12-10

[21] 3,181,067
[13] A1

- [51] Int.Cl. G05D 1/00 (2006.01)
- [25] EN
- [54] METHOD AND SYSTEM FOR CONTEXT-AWARE DECISION MAKING OF AN AUTONOMOUS AGENT
- [54] PROCEDE ET SYSTEME DE PRISE DE DECISION SENSIBLE AU CONTEXTE D'UN AGENT AUTONOME
- [72] NARANG, GAUTAM, US
- [72] KUMAVAT, APEKSHA, US
- [72] NARANG, ARJUN, US
- [72] TIEU, KINH, US
- [72] SMART, MICHAEL, US
- [72] ILIEVSKI, MARKO, US
- [71] GATIK AI INC., US
- [85] 2022-12-01
- [86] 2020-12-09 (PCT/US2020/064058)
- [87] (WO2021/247075)
- [30] US (63/035,401) 2020-06-05
- [30] US (63/055,756) 2020-07-23

Demandes PCT entrant en phase nationale

[21] **3,181,068**
[13] A1

[51] Int.Cl. G08B 21/18 (2006.01)
 [25] EN
[54] METHODS AND SYSTEMS FOR FACILITATING CLEANING OF A SHARED ENVIRONMENT
[54] PROCEDES ET SYSTEMES POUR FACILITER LE NETTOYAGE D'UN ENVIRONNEMENT PARTAGE
 [72] BORG, STEPHEN, AU
 [72] CAPUZZI, CLINTON, AU
 [72] TURRECHA, THOR, AU
 [71] MELD CX PTY LTD, AU
 [85] 2022-12-01
 [86] 2021-06-01 (PCT/AU2021/050536)
 [87] (WO2021/243402)
 [30] AU (2020901795) 2020-06-01

[21] **3,181,069**
[13] A1

[51] Int.Cl. C09K 8/532 (2006.01) C09K 8/536 (2006.01) E21B 37/06 (2006.01)
 [25] EN
[54] TUBE COATING WITH POLAR SURFACE TREATED SILICA-BASED NANOPARTICLES TO PREVENT BUILD-UP OF SOLID SULFUR
[54] REVETEMENT DE TUBE AVEC DES NANOParticules POLAIRES A BASE DE SILICE TRAITEES EN SURFACE POUR EMPECHER L'ACCUMULATION DE SOUFRE SOLIDE
 [72] SOUTHWELL, JOHN EDMOND, US
 [72] MAGUIRE-BOYLE, SAMUEL JAMES, US
 [71] NISSAN CHEMICAL AMERICA CORPORATION, US
 [85] 2022-12-01
 [86] 2021-06-01 (PCT/US2021/035224)
 [87] (WO2021/247554)
 [30] US (63/033,558) 2020-06-02
 [30] US (63/067,719) 2020-08-19
 [30] US (63/067,715) 2020-08-19
 [30] US (63/067,729) 2020-08-19
 [30] US (63/067,718) 2020-08-19
 [30] US (63/067,703) 2020-08-19
 [30] US (63/033,555) 2020-06-02
 [30] US (63/067,706) 2020-08-19

[21] **3,181,070**
[13] A1

[51] Int.Cl. C23F 11/173 (2006.01) C02F 1/68 (2006.01) C07C 43/184 (2006.01) C23F 11/12 (2006.01) C23F 11/14 (2006.01) C23F 11/16 (2006.01)
 [25] EN
[54] OXYALKYLATED SURFACTANTS AS CORROSION INHIBITORS
[54] TENSIOACTIFS OXYALKYLES UTILISES EN TANT QU'INHIBITEURS DE CORROSION
 [72] DHAWAN, ASHISH, US
 [72] MOLONEY, JEREMY, US
 [72] SILVERNAIL, CARTER M., US
 [71] ECOLAB USA INC., US
 [85] 2022-12-01
 [86] 2021-06-03 (PCT/US2021/035656)
 [87] (WO2021/247832)
 [30] US (63/034,274) 2020-06-03
 [30] US (63/178,792) 2021-04-23

[21] **3,181,071**
[13] A1

[51] Int.Cl. A61K 31/4439 (2006.01) A61K 31/4192 (2006.01) A61K 31/454 (2006.01) A61K 31/4545 (2006.01) A61P 35/00 (2006.01) C07D 401/14 (2006.01) C07D 403/14 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01)
 [25] EN
[54] INDOLE DERIVATIVES AND USES THEREOF FOR TREATING A CANCER
[54] DERIVES D'INDOLE ET LEURS UTILISATIONS POUR LE TRAITEMENT D'UN CANCER
 [72] BANCET, ALEXANDRE, FR
 [72] COCHET, CLAUDE, FR
 [72] FILHOL-COCHET, ODILE, FR
 [72] KRIMM, ISABELLE, FR
 [72] LOMBERGET, THIERRY, FR
 [72] LE BORGNE, MARC, FR
 [71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
 [71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
 [71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
 [71] ECOLE NORMALE SUPERIEURE DE LYON, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
 [71] CENTRE LEON BERARD, FR
 [85] 2022-12-01
 [86] 2021-07-06 (PCT/EP2021/068575)
 [87] (WO2022/008475)
 [30] EP (20305767.4) 2020-07-06

[21] **3,181,073**
[13] A1

[51] Int.Cl. G01N 27/07 (2006.01)
 [25] EN
[54] SOLUTIONLESS SENSOR CALIBRATION
[54] ETALONNAGE DE CAPTEUR SANS SOLUTION
 [72] GIBBERT, CHARLENE N., US
 [72] DELMAR, MARCOS, US
 [72] PIGHIN, DEAN, US
 [71] PARKER-HANNIFIN CORPORATION, US
 [85] 2022-12-01
 [86] 2021-06-22 (PCT/US2021/038346)
 [87] (WO2021/262630)
 [30] US (62/705,310) 2020-06-22

PCT Applications Entering the National Phase

[21] 3,181,075

[13] A1

- [51] Int.Cl. E21B 33/068 (2006.01) E21B 21/02 (2006.01) E21B 43/26 (2006.01)
 - [25] EN
 - [54] FLEXIBLE WELLHEAD CONNECTION SYSTEMS AND METHODS
 - [54] SYSTEMES ET PROCEDES DE RACCORDEMENT DE TETE DE PUITS FLEXIBLE
 - [72] POST, STEVEN, US
 - [71] FORUM US, INC., US
 - [85] 2022-12-01
 - [86] 2021-05-27 (PCT/US2021/034501)
 - [87] (WO2021/247361)
 - [30] US (16/890,793) 2020-06-02
-

[21] 3,181,076

[13] A1

- [51] Int.Cl. H01M 4/1391 (2010.01) H01M 4/131 (2010.01) H01M 4/525 (2010.01) H01M 10/0562 (2010.01)
- [25] EN
- [54] PROCESS FOR MAKING AN ELECTRODE, AND ELECTRODE ACTIVE MATERIALS
- [54] PROCEDE DE FABRICATION D'ELECTRODE, ET SUBSTANCES ACTIVES D'ELECTRODE
- [72] TOMOTA, YOHKO, JP
- [72] ERK, CHRISTOPH, DE
- [72] HARTMANN, PASCAL, DE
- [71] BASF SE, DE
- [85] 2022-12-01
- [86] 2021-06-07 (PCT/EP2021/065172)
- [87] (WO2021/254808)
- [30] EP (20180372.3) 2020-06-16

[21] 3,181,077

[13] A1

- [51] Int.Cl. A61K 39/395 (2006.01) C07K 16/46 (2006.01) C07K 19/00 (2006.01) C12N 15/09 (2006.01) C12N 15/13 (2006.01)
 - [25] EN
 - [54] HUMANIZED ANTI-EMAP II THERAPEUTIC ANTIBODIES
 - [54] ANTICORPS THERAPEUTIQUES ANTI-EMAP II HUMANISES
 - [72] HAY, DOUGLAS W.P., US
 - [72] BEREZOVSKY, SUZANNE E., US
 - [72] KNIGHT, DAVID, US
 - [72] HUANG, KEXIN, US
 - [72] WANG, JORDON K., US
 - [71] ALLINAIRE THERAPEUTICS, LLC, US
 - [85] 2022-12-01
 - [86] 2021-06-28 (PCT/US2021/039389)
 - [87] (WO2022/005979)
 - [30] US (63/045,687) 2020-06-29
-

[21] 3,181,079

[13] A1

- [51] Int.Cl. H05B 47/175 (2020.01)
- [25] EN
- [54] IMPROVED LOAD CONTROL ON WIRED AND WIRELESS COMMUNICATION LINKS
- [54] COMMANDE DE CHARGE AMELIOREE SUR DES LIAISONS DE COMMUNICATIONS FILAIRES ET SANS FIL
- [72] EIDING, MARK, US
- [72] WYKES, JR. DAVID L., US
- [72] ZOKARKAR, NOOPUR, US
- [72] LOPEZ, MARK RYAN, US
- [71] LUTRON TECHNOLOGY COMPANY LLC, US
- [85] 2022-12-01
- [86] 2021-10-01 (PCT/US2021/053238)
- [87] (WO2022/072881)
- [30] US (63/087,084) 2020-10-02

[21] 3,181,080

[13] A1

- [51] Int.Cl. H04W 88/02 (2009.01)
 - [25] EN
 - [54] SYSTEM FOR PHYSICAL-VIRTUAL ENVIRONMENT FUSION
 - [54] SYSTEME DE FUSION D'ENVIRONNEMENT PHYSIQUE-VIRTUEL
 - [72] CRISTACHE, LUCIAN, US
 - [71] LUCOMM TECHNOLOGIES, INC., US
 - [85] 2022-12-01
 - [86] 2020-11-03 (PCT/US2020/058726)
 - [87] (WO2021/247069)
 - [30] US (16/891,893) 2020-06-03
 - [30] US (16/929,680) 2020-07-15
 - [30] US (16/999,691) 2020-08-21
 - [30] US (17/076,979) 2020-10-22
 - [30] US (17/064,198) 2020-10-06
-

[21] 3,181,081

[13] A1

- [51] Int.Cl. C09K 8/588 (2006.01) 8/594 (2006.01)
- [25] EN
- [54] CARBON DIOXIDE VISCOSIFICATION BY POLYOLEFINS
- [54] VISCOSIFICATION DE DIOXYDE DE CARBONE PAR DES POLYOLEFINES
- [72] GUO, BINBIN, US
- [72] JACKSON, MITCHELL M., US
- [72] FIROOZABADI, ABBAS, US
- [72] JACKSON, JENNIFER, US
- [71] THE LUBRIZOL CORPORATION, US
- [85] 2022-12-01
- [86] 2021-06-01 (PCT/US2021/035093)
- [87] (WO2021/247464)
- [30] US (63/033,237) 2020-06-02

Demandes PCT entrant en phase nationale

<p>[21] 3,181,083 [13] A1</p> <p>[51] Int.Cl. H04B 7/15 (2006.01) H04W 84/18 (2009.01) H04W 4/38 (2018.01) H05B 47/105 (2020.01) H04L 12/28 (2006.01) H04Q 9/00 (2006.01)</p> <p>[25] EN</p> <p>[54] TRANSMISSION OF AGGREGATED SENSOR DATA</p> <p>[54] TRANSMISSION DE DONNEES DE CAPTEUR AGREGGEES</p> <p>[72] EVANS, PARKER, US</p> <p>[72] DOLAN, DAVID J., US</p> <p>[71] LUTRON TECHNOLOGY COMPANY LLC, US</p> <p>[85] 2022-12-01</p> <p>[86] 2021-09-22 (PCT/US2021/051581)</p> <p>[87] (WO2022/066790)</p> <p>[30] US (63/081,649) 2020-09-22</p>
--

<p>[21] 3,181,085 [13] A1</p> <p>[51] Int.Cl. E21B 21/08 (2006.01)</p> <p>[25] EN</p> <p>[54] MUD CIRCULATING DENSITY ALERT</p> <p>[54] ALERTE DE DENSITE DE CIRCULATION DE BOUE</p> <p>[72] CHEN, YENSHOU JAMES, US</p> <p>[71] CONOCOPHILLIPS COMPANY, US</p> <p>[85] 2022-12-01</p> <p>[86] 2021-06-14 (PCT/US2021/037231)</p> <p>[87] (WO2021/253001)</p> <p>[30] US (63/038,396) 2020-06-12</p>

<p>[21] 3,181,089 [13] A1</p> <p>[51] Int.Cl. A46B 15/00 (2006.01) A61C 17/00 (2006.01) A61C 17/22 (2006.01)</p> <p>[25] EN</p> <p>[54] IONIC TOOTHBRUSH</p> <p>[54] BROSSE A DENTS IONIQUE</p> <p>[72] HUY, GERHART P., US</p> <p>[71] CHURCH & DWIGHT CO., INC., US</p> <p>[85] 2022-12-01</p> <p>[86] 2021-06-14 (PCT/US2021/037170)</p> <p>[87] (WO2021/257426)</p> <p>[30] US (63/039,085) 2020-06-15</p>

<p>[21] 3,181,084 [13] A1</p> <p>[51] Int.Cl. A61K 9/00 (2006.01) A61K 31/426 (2006.01) A61K 31/573 (2006.01) A61P 5/38 (2006.01)</p> <p>[25] EN</p> <p>[54] CRF1 RECEPTOR ANTAGONIST FOR THE TREATMENT OF CONGENITAL ADRENAL HYPERPLASIA</p> <p>[54] ANTAGONISTE DU RECEPTEUR CRF1 POUR LE TRAITEMENT DE L'HYPERPLASIE SURRENALE CONGENITALE</p> <p>[72] FARBER, ROBERT H., US</p> <p>[72] CHAN, JEAN L., US</p> <p>[72] ROBERTS, EIRY, US</p> <p>[72] CUTLER, JR. GORDON B., US</p> <p>[72] NAKANISHI, ARLINE, US</p> <p>[72] CHARLIER, ANNE, FR</p> <p>[72] LOEWEN, GORDON RAPHAEL, US</p> <p>[72] ZHANG, XIAOPING, US</p> <p>[72] GIRI, NAGDEEP, US</p> <p>[72] STIRN, SCOTT, US</p> <p>[72] SAYERS, BRIAN, US</p> <p>[72] TAYLOR, GRAEME, US</p> <p>[72] COSTA, CHRISTINA MARIE, US</p> <p>[72] PARKS, STACY, US</p> <p>[72] VICKERY, ANTHONY D., US</p> <p>[72] DOWNING, KRISTIE M., US</p> <p>[72] IYOHA, KINGSLEY, GB</p> <p>[72] NGWENYA-JONES, AYANDA, GB</p> <p>[72] MEHTON, GURVINDER, GB</p> <p>[71] NEUROCRINE BIOSCIENCES, INC., US</p> <p>[71] SANOFI, FR</p> <p>[85] 2022-12-01</p> <p>[86] 2021-06-09 (PCT/US2021/036668)</p> <p>[87] (WO2021/252669)</p> <p>[30] FR (FR2006039) 2020-06-10</p>
--

<p>[21] 3,181,086 [13] A1</p> <p>[51] Int.Cl. G01C 21/08 (2006.01) G01S 19/13 (2010.01) G01S 19/47 (2010.01) G01C 17/30 (2006.01) G01C 21/16 (2006.01)</p> <p>[25] EN</p> <p>[54] OPERATING MODES OF MAGNETIC NAVIGATION DEVICES</p> <p>[54] MODES DE FONCTIONNEMENT DE DISPOSITIFS DE NAVIGATION MAGNETIQUES</p> <p>[72] TOUTOV, ALEXANDRE, US</p> <p>[72] MUKHINA, MARYNA, US</p> <p>[72] ILNYTSKA, SVITLANA, US</p> <p>[71] ASTRA NAVIGATION, INC., US</p> <p>[85] 2022-12-01</p> <p>[86] 2021-06-16 (PCT/US2021/037681)</p> <p>[87] (WO2022/039823)</p> <p>[30] US (63/040,352) 2020-06-17</p> <p>[30] US (63/210,411) 2021-06-14</p> <p>[30] US (17/348,600) 2021-06-15</p>

<p>[21] 3,181,090 [13] A1</p> <p>[51] Int.Cl. G16B 20/10 (2019.01) C12Q 1/6886 (2018.01) G16H 50/30 (2018.01)</p> <p>[25] EN</p> <p>[54] METHODS FOR PREDICTING TREATMENT RESPONSE IN CANCERS</p> <p>[54] PROCEDES DE PREDICTION DE REPONSE A UN TRAITEMENT DANS LE CAS DE CANCERS</p> <p>[72] MACINTYRE, GEOFF, GB</p> <p>[72] BRENTON, JAMES, GB</p> <p>[72] PISKORZ, ANNA, GB</p> <p>[72] MARKOWETZ, FLORIAN, GB</p> <p>[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB</p> <p>[85] 2022-12-01</p> <p>[86] 2021-06-04 (PCT/EP2021/065058)</p> <p>[87] (WO2021/245265)</p> <p>[30] GB (2008450.5) 2020-06-04</p>

<p>[21] 3,181,088 [13] A1</p> <p>[51] Int.Cl. B66B 9/04 (2006.01)</p> <p>[25] EN</p> <p>[54] SEAL ASSEMBLY FOR A PNEUMATIC VACUUM ELEVATOR</p> <p>[54] ENSEMBLE JOINT D'ETANCHEITE POUR ASCENSEUR A VIDE PNEUMATIQUE</p> <p>[72] BABU, KILLAKATHU RAMANATHAN, IN</p> <p>[71] BABU, KILLAKATHU RAMANATHAN, IN</p> <p>[85] 2022-12-01</p> <p>[86] 2021-05-31 (PCT/IB2021/054764)</p> <p>[87] (WO2021/245536)</p> <p>[30] IN (202041023079) 2020-06-02</p>
--

PCT Applications Entering the National Phase

[21] 3,181,091
[13] A1

- [51] Int.Cl. A61B 5/021 (2006.01) A61B 5/11 (2006.01) A61B 5/113 (2006.01)
 [25] EN
 [54] SYSTEMS, METHODS, AND DEVICES FOR NON-INVASIVE AND CONTINUOUS HEMODYNAMIC MEASUREMENT
 [54] SYSTEMES, METHODES ET DISPOSITIFS DE MESURE HEMODYNAMIQUE NON INVASIVE ET CONTINUE
 [72] D'MELLO, YANNICK, CA
 [72] LORTIE, MICHEL ARTHUR, CA
 [72] PLANT, DAVID, CA
 [72] SKORIC, JAMES, CA
 [71] MACDONALD, DETTWILER & ASSOCIATES INC., CA
 [85] 2022-12-01
 [86] 2021-06-01 (PCT/CA2021/050741)
 [87] (WO2021/243448)
 [30] US (63/033,103) 2020-06-01
-

[21] 3,181,092
[13] A1

- [51] Int.Cl. C07D 209/16 (2006.01) A61K 31/4045 (2006.01)
 [25] EN
 [54] TRYPTAMINE PRODRUGS
 [54] PROMEDICAMENTS A BASE DE TRYPTAMINE
 [72] BRYSON, NATHAN, CA
 [71] REUNION NEUROSCIENCE CANADA INC., CA
 [85] 2022-12-01
 [86] 2021-06-30 (PCT/CA2021/050907)
 [87] (3181092)
 [30] US (63/045,901) 2020-06-30
 [30] US (63/109,095) 2020-11-03
 [30] US (17/364,047) 2021-06-30

[21] 3,181,093
[13] A1

- [51] Int.Cl. B66B 7/02 (2006.01) B66B 9/04 (2006.01)
 [25] EN
 [54] A LOCKING DEVICE FOR A GUIDE RAIL AND A METHOD THEREOF
 [54] DISPOSITIF DE VERROUILLAGE POUR RAIL DE GUIDAGE ET SON PROCEDE
 [72] BABU, KILLAKATHU RAMANATHAN, IN
 [71] BABU, KILLAKATHU RAMANATHAN, IN
 [85] 2022-12-01
 [86] 2021-05-28 (PCT/IB2021/054674)
 [87] (WO2021/245510)
 [30] IN (202041023080) 2020-06-02
-

[21] 3,181,094
[13] A1

- [51] Int.Cl. G01C 17/30 (2006.01) G01C 21/00 (2006.01) G01C 21/08 (2006.01) G01C 21/20 (2006.01)
 [25] EN
 [54] GENERATING A GEOMAGNETIC MAP
 [54] GENERATION DE CARTE GEOMAGNETIQUE
 [72] TOUTOV, ALEXANDRE, US
 [72] MUKHINA, MARYNA, US
 [72] ILNYTSKA, SVITLANA, US
 [71] ASTRA NAVIGATION, INC., US
 [85] 2022-12-01
 [86] 2021-06-16 (PCT/US2021/037644)
 [87] (WO2021/257713)
 [30] US (63/040,352) 2020-06-17
 [30] US (17/348,561) 2021-06-15
 [30] US (63/210,411) 2021-06-14

[21] 3,181,095
[13] A1

- [25] EN
 [54] METHOD AND SYSTEM FOR TRAINING A NEURAL NETWORK-IMPLEMENTED SENSOR SYSTEM TO CLASSIFY OBJECTS IN A BULK FLOW
 [54] PROCEDE ET SYSTEME D'ENTRAINEMENT D'UN RESEAU NEURONAL, SYSTEME DE CAPTEURS MIS EN OEUVRE POUR CLASSIFIER DES OBJETS DANS UN FLUX EN VRAC
 [72] BALTHASAR, DIRK, DE
 [71] TOMRA SORTING GMBH, DE
 [85] 2022-12-01
 [86] 2021-06-02 (PCT/EP2021/064744)
 [87] (WO2021/245118)
 [30] EP (20178299.2) 2020-06-04
-

[21] 3,181,097
[13] A1

- [51] Int.Cl. B66B 1/26 (2006.01) B66B 9/04 (2006.01)
 [25] EN
 [54] LANDING LEVER ASSEMBLY OF A PNEUMATIC VACUUM ELEVATOR AND METHOD TO OPERATE THE SAME
 [54] ENSEMBLE LEVIER D'ARRET AU PALIER D'UN ASCENSEUR A VIDE PNEUMATIQUE ET SON PROCEDE D'ACTIONNEMENT
 [72] BABU, KILLAKATHU RAMANATHAN, IN
 [71] BABU, KILLAKATHU RAMANATHAN, IN
 [85] 2022-12-01
 [86] 2020-09-11 (PCT/IB2020/058444)
 [87] (WO2021/245456)
 [30] IN (202041023083) 2020-06-02

Demandes PCT entrant en phase nationale

[21] 3,181,098
[13] A1

- [51] Int.Cl. A61B 17/04 (2006.01) A61F 2/08 (2006.01) A61L 31/02 (2006.01) A61L 31/04 (2006.01)
 - [25] EN
 - [54] DUAL-FUNCTION ANCHOR SYSTEM
 - [54] SYSTEME D'ANCRAGE A DOUBLE FONCTION
 - [72] MORRISON, WILLIAM B., US
 - [72] GREENSPAN, ADAM J., US
 - [71] TRACE ORTHOPEDICS, LLC, US
 - [85] 2022-12-01
 - [86] 2021-06-04 (PCT/US2021/035838)
 - [87] (WO2021/247960)
 - [30] US (63/034,895) 2020-06-04
-

[21] 3,181,099
[13] A1

- [51] Int.Cl. A47K 5/12 (2006.01) A47K 5/14 (2006.01) H03K 7/08 (2006.01)
 - [25] EN
 - [54] DISPENSERS AND DISPENSER SYSTEMS FOR PRECISELY CONTROLLED OUTPUT DOSING OF SOAP OR SANITIZER
 - [54] DISTRIBUTEURS ET SYSTEMES DE DISTRIBUTION POUR DOSAGE DE SORTIE A COMMANDE PRECISE DE SAVON OU DE DESINFECTANT
 - [72] MCNULTY, JOHN J., US
 - [72] HARRIS, DONALD R., US
 - [72] BULLOCK, MARK A., US
 - [72] CURTIS, CHIP W., US
 - [71] GOJO INDUSTRIES, INC., US
 - [85] 2022-12-01
 - [86] 2021-06-02 (PCT/US2021/035414)
 - [87] (WO2021/247678)
 - [30] US (63/033,892) 2020-06-03
-

[21] 3,181,101
[13] A1

- [51] Int.Cl. H04N 19/187 (2014.01)
 - [25] EN
 - [54] SIGNALING OF GENERAL CONSTRAIN INFORMATION
 - [54] SIGNALISATION D'INFORMATIONS DE CONTRAINTE GENERALE
 - [72] WANG, YE-KUI, US
 - [72] ZHANG, LI, US
 - [71] BYTEDANCE INC., US
 - [85] 2022-12-01
 - [86] 2021-06-02 (PCT/US2021/035366)
 - [87] (WO2021/247648)
 - [30] US (63/033,689) 2020-06-02
-

[21] 3,181,102
[13] A1

- [51] Int.Cl. H02J 1/14 (2006.01) H05B 47/00 (2020.01) H02J 7/34 (2006.01)
 - [25] EN
 - [54] DIRECT-CURRENT POWER DISTRIBUTION IN A CONTROL SYSTEM
 - [54] DISTRIBUTION DE PUSSANCE EN COURANT CONTINU DANS UN SYSTEME DE COMMANDE
 - [72] DEJONGE, STUART W., US
 - [72] WU, CHEN MING, US
 - [71] LUTRON TECHNOLOGY COMPANY LLC, US
 - [85] 2022-12-01
 - [86] 2021-09-16 (PCT/US2021/050750)
 - [87] (WO2022/061038)
 - [30] US (63/078,976) 2020-09-16
 - [30] US (63/105,033) 2020-10-23
-

[21] 3,181,104
[13] A1

- [51] Int.Cl. B66B 9/04 (2006.01) F16K 7/00 (2006.01)
 - [25] EN
 - [54] A PNEUMATIC FLOW CONTROLLING DEVICE FOR A PNEUMATIC VACUUM ELEVATOR AND A METHOD THEREOF
 - [54] DISPOSITIF DE REGULATION D'ECOULEMENT PNEUMATIQUE POUR ASCENSEUR A VIDE PNEUMATIQUE ET SON PROCEDE
 - [72] BABU, KILLAKATHU RAMANATHAN, IN
 - [71] BABU, KILLAKATHU RAMANATHAN, IN
 - [85] 2022-12-01
 - [86] 2020-09-10 (PCT/IB2020/058408)
 - [87] (WO2021/245454)
 - [30] IN (202041023082) 2020-06-02
-

[21] 3,181,105
[13] A1

- [51] Int.Cl. C02F 1/04 (2006.01) C02F 11/13 (2019.01) B01D 1/00 (2006.01) C02F 1/32 (2006.01) C02F 11/121 (2019.01) F26B 3/18 (2006.01)
 - [25] EN
 - [54] DEVICE AND METHOD FOR THE PRODUCTION OF A FERTILIZER AND/OR FEED
 - [54] APPAREIL ET PROCEDE DE PRODUCTION D'UN ENGRAIS ET/OU D'UN FOURRAGE
 - [72] KUHLWEIN, MICHAEL, AT
 - [71] TEC AUSTRIA GMBH, AT
 - [85] 2022-12-01
 - [86] 2021-07-16 (PCT/IB2021/056450)
 - [87] (WO2022/013834)
 - [30] DE (10 2020 119 041.7) 2020-07-17
-

[21] 3,181,107
[13] A1

- [51] Int.Cl. A24F 40/465 (2020.01)
- [25] EN
- [54] A CARTRIDGE FOR A VAPOUR GENERATING DEVICE
- [54] CARTOUCHE POUR UN DISPOSITIF DE GENERATION DE VAPEUR
- [72] WILLIAMSON, SIMEON, CH
- [72] ROGAN, ANDREW ROBERT JOHN, GB
- [71] JT INTERNATIONAL S.A., CH
- [85] 2022-12-01
- [86] 2021-06-07 (PCT/EP2021/065126)
- [87] (WO2021/249915)
- [30] EP (20179360.1) 2020-06-10

PCT Applications Entering the National Phase

[21] 3,181,108

[13] A1

[51] Int.Cl. A61K 39/00 (2006.01) A61P
31/14 (2006.01) C07K 16/10 (2006.01)

[25] EN

[54] THERAPEUTIC ANTIBODIES
WITH NEUTRALIZING ACTIVITY
AGAINST SARS-COV-2
GLYCOPROTEIN S
[54] ANTICORPS THERAPEUTIQUES
A ACTIVITE NEUTRALISANTE
CONTRE LA GLYCOPROTEINE S
DU SARS-COV-2

[72] FRENZEL, ANDRE, DE

[72] KUHN, PHILIPP, DE

[72] KUGLER, JONAS, DE

[72] HUST, MICHAEL, DE

[72] DUBEL, STEFAN, DE

[72] MEIER, DORIS, DE

[72] BERTOGLIO, FEDERICO, DE

[72] SCHUBERT, MAREN, DE

[72] STEINKE, STEPHAN, DE

[72] BECKER, MARLIES, DE

[72] FUHNER, VIOLA, DE

[72] RUSCHIG, MAXIMILIAN, DE

[72] HEINE, PHILIP ALEXANDER, DE

[72] SCHNEIDER, KAI-THOMAS, DE

[72] BALLMANN, RICO, DE

[72] ZOCK-EMMENTHAL, SUSANNE,
DE

[72] ROTH, KRISTIAN DANIEL RALPH,
DE

[72] LANGREDER, NORA, DE

[71] CORAT THERAPEUTICS GMBH, DE

[85] 2022-12-01

[86] 2021-05-19 (PCT/EP2021/063307)

[87] (WO2021/244852)

[30] EP (20178386.7) 2020-06-04

[30] EP (20178327.1) 2020-06-04

[30] EP (20179323.9) 2020-06-10

[30] EP (20180942.3) 2020-06-18

[30] EP (20184057.6) 2020-07-03

[30] EP (20210462.6) 2020-11-27

[30] EP (20210803.1) 2020-11-30

[21] 3,181,109

[13] A1

[51] Int.Cl. A47J 37/06 (2006.01)

[25] EN

[54] GRIDDLE WITH TEMPERATURE
CONTROLLER

[54] PLAQUE DE CUISSON AVEC
REGULATEUR DE
TEMPERATURE

[72] LEVIEN, BLAKE, US

[72] PLUMMER, MACDONALD III, US

[71] LOCO - CRAZY GOOD COOKERS,
INC., US

[85] 2022-12-01

[86] 2021-06-08 (PCT/US2021/036421)

[87] (WO2021/252503)

[30] US (63/036,424) 2020-06-08

[21] 3,181,110

[13] A1

[51] Int.Cl. A61K 8/34 (2006.01) A61P
17/10 (2006.01)

[25] EN

[54] AN ANTIMICROBIAL
COMPOSITION FOR TACKLING
MALODOUR

[54] COMPOSITION
ANTIMICROBIENNE POUR
LUTTER CONTRE LES
MAUVAISES ODEURS

[72] DASGUPTA, ANINDYA, IN

[72] SAJI, MAYA TREESA, IN

[72] SALGAONKAR, NEHA, IN

[71] UNILEVER GLOBAL IP LIMITED,
GB

[85] 2022-12-01

[86] 2021-06-03 (PCT/EP2021/064942)

[87] (WO2021/254790)

[30] IN (202021025117) 2020-06-15

[21] 3,181,111

[13] A1

[51] Int.Cl. H04W 12/30 (2021.01)

[25] EN

[54] COMMUNITY BROADBAND LTE
ACCESS OVER SATELLITE

[54] ACCES LTE A LARGE BANDE
COMMUNAUTAIRE SUR
SATELLITE

[72] DURVASULA, BHANU, US

[71] HUGHES NETWORK SYSTEMS,
LLC, US

[85] 2022-12-01

[86] 2021-05-26 (PCT/US2021/034244)

[87] (WO2021/247320)

[30] US (63/034,371) 2020-06-03

[30] US (17/326,736) 2021-05-21

[21] 3,181,112

[13] A1

[51] Int.Cl. G06Q 10/0639 (2023.01) G06V
20/52 (2022.01) G06Q 10/087
(2023.01) G06K 7/14 (2006.01)

[25] EN

[54] AUTOMATIC BARCODE BASED
PERSONAL SAFETY
COMPLIANCE SYSTEM

[54] SYSTEME DE CONFORMITE DE
SECURITE PERSONNELLE BASE
SUR UN CODE A BARRES
AUTOMATIQUE

[72] BAKSHI, RAJEEV KUMAR, CA

[72] BEAN, CHARLES ALFRED, CA

[72] BLACK, DAVID ALLAN, CA

[71] ACTIVE WITNESS CORP., CA

[85] 2022-12-01

[86] 2021-06-04 (PCT/CA2021/050766)

[87] (3181112)

[30] US (63/035,298) 2020-06-05

[21] 3,181,113

[13] A1

[51] Int.Cl. A61K 8/29 (2006.01) A61K
8/85 (2006.01)

[25] EN

[54] A PERSONAL CARE
COMPOSITION BASED ON
TITANIUM OXIDE AND A
CROSSPOLYMER OF ADIPIC
ACID AND NEOPENTYL GLYCOL

[54] COMPOSITION DE SOINS
PERSONNELS A BASE D'OXYDE
DE TITANE ET D'UN POLYMER
RETICULE D'ACIDE ADIPIQUE
ET DE NEOPENTYLGLYCOL

[72] WANG, LIN, CN

[72] XU, BO, CN

[72] YI, SHANGCHUN, CN

[71] UNILEVER GLOBAL IP LIMITED,
GB

[85] 2022-12-01

[86] 2021-05-21 (PCT/EP2021/063567)

[87] (WO2021/254723)

[30] CN (PCT/CN2020/097189) 2020-06-19

[30] EP (20189734.5) 2020-08-06

Demandes PCT entrant en phase nationale

[21] **3,181,114**
[13] A1

[51] Int.Cl. H03K 17/96 (2006.01) H05B
47/19 (2020.01) H01Q 9/42 (2006.01)

[25] EN

[54] LOAD CONTROL DEVICE
HAVING A CAPACITIVE TOUCH
SURFACE

[54] DISPOSITIF DE COMMANDE DE
CHARGE PRESENTANT UNE
SURFACE TACTILE CAPACITIVE

[72] VESKOVIC, DRAGAN, US

[71] LUTRON TECHNOLOGY
COMPANY LLC, US

[85] 2022-12-01

[86] 2021-10-22 (PCT/US2021/056152)

[87] (WO2022/087338)

[30] US (63/104,321) 2020-10-22

[21] **3,181,115**
[13] A1

[51] Int.Cl. B66B 5/14 (2006.01) B66B 9/04
(2006.01)

[25] EN

[54] OVERLOAD VALVE ASSEMBLY
FOR A PNEUMATIC VACUUM
ELEVATOR

[54] ENSEMBLE VANNE DE
SURCHARGE POUR ASCENSEUR
A VIDE PNEUMATIQUE

[72] BABU, KILLAKATHU
RAMANATHAN, IN

[71] BABU, KILLAKATHU
RAMANATHAN, IN

[85] 2022-12-01

[86] 2021-05-31 (PCT/IB2021/054766)

[87] (WO2021/245537)

[30] IN (202041023093) 2020-06-02

[21] **3,181,117**
[13] A1

[51] Int.Cl. C07K 14/725 (2006.01) C07K
16/28 (2006.01) C12N 15/63 (2006.01)
C12N 15/90 (2006.01)

[25] EN

[54] COMPOSITIONS AND METHODS
OF MANUFACTURING
AUTOLOGOUS T CELL
THERAPIES

[54] COMPOSITIONS ET PROCEDES
DE FABRICATION DE
THERAPIES DE LYMPHOCYTES
T AUTOLOGUES

[72] MENDE, INES, US

[72] TUNUGUNTLA, RAMYA H., US

[72] TZIZIK-SWANSON, NATHANIEL R.,
US

[72] YEDINAK, GREGORY S., US

[72] MANDL-CASHMAN, STEFANIE, US

[72] JACOBY, KYLE, US

[72] GIEDLIN, MARTIN, US

[71] PACT PHARMA, INC., US

[85] 2022-12-01

[86] 2021-06-11 (PCT/US2021/037012)

[87] (WO2021/252898)

[30] US (63/038,516) 2020-06-12

[30] US (63/161,283) 2021-03-15

[21] **3,181,118**
[13] A1

[51] Int.Cl. A61K 35/17 (2015.01) C12N
15/113 (2010.01) A61P 35/00 (2006.01)
A61P 35/02 (2006.01) C12N 5/10
(2006.01)

[25] EN

[54] ENGINEERED IMMUNE CELL
FOR ALLOTRANSPLANTATION

[54] CELLULE IMMUNITAIRE
MODIFIEE DESTINEE A UNE
ALLOTRANSPLANTATION

[72] ZHOU, YALI, CN

[72] CHEN, GONG, CN

[72] JIANG, XIAOYAN, CN

[72] REN, JIANGTAO, CN

[72] HE, XIAOHONG, CN

[72] WANG, YANBIN, CN

[72] HAN, LU, CN

[71] NANJING BIOHENG BIOTECH CO.,
LTD, CN

[85] 2022-12-01

[86] 2021-07-14 (PCT/CN2021/106259)

[87] (WO2022/012591)

[30] CN (202010679530.9) 2020-07-15

[30] CN (202011534699.1) 2020-12-22

[21] **3,181,119**
[13] A1

[51] Int.Cl. B66B 9/04 (2006.01) B66B
11/02 (2006.01)

[25] EN

[54] AN INTEGRATED NOISE
SUPPRESSION APPARATUS FOR
A PNEUMATIC VACUUM
ELEVATOR

[54] APPAREIL DE SUPPRESSION DE
BRUIT INTEGRE POUR
ASCENSEUR A VIDE
PNEUMATIQUE

[72] BABU, KILLAKATHU
RAMANATHAN, IN

[71] BABU, KILLAKATHU
RAMANATHAN, IN

[85] 2022-12-01

[86] 2021-05-31 (PCT/IB2021/054739)

[87] (WO2021/245524)

[30] IN (202041023098) 2020-06-02

[21] **3,181,120**
[13] A1

[51] Int.Cl. C07D 513/04 (2006.01) A61K
31/497 (2006.01) A61P 3/10 (2006.01)
C07D 401/14 (2006.01) C07D 403/14
(2006.01) C07D 405/14 (2006.01)
C07D 409/14 (2006.01) C07D 417/14
(2006.01) C07D 491/048 (2006.01)
C07D 495/04 (2006.01) C07D 498/04
(2006.01)

[25] EN

[54] FIVE-MEMBERED
HETEROAROMATIC IMIDAZOLE
COMPOUND AND USE THEREOF

[54] COMPOSE IMIDAZOLE
HETEROAROMATIQUE A CINQ
CHAINONS ET SON UTILISATION

[72] YU, TAO, CN

[72] GAN, LU, CN

[72] WU, CHENGDE, CN

[72] CHEN, SHUHUI, CN

[71] HANGZHOU SCIWIND
BIOSCIENCES CO., LTD, CN

[85] 2022-12-01

[86] 2021-06-04 (PCT/CN2021/098424)

[87] (WO2021/244645)

[30] CN (202010499820.5) 2020-06-04

[30] CN (202010676014.0) 2020-07-14

[30] CN (202010838768.1) 2020-08-19

PCT Applications Entering the National Phase

[21] 3,181,121

[13] A1

- [51] Int.Cl. D02G 3/40 (2006.01) D02J 1/02 (2006.01) D03D 15/00 (2021.01)
- [25] EN
- [54] HIGH WEAR RESILIENT SOFT YARN
- [54] FIL MOU A GRANDE RESISTANCE A L'USURE
- [72] CASCIO, ANTHONY, US
- [72] BEASON, WAYNE, US
- [71] ALADDIN MANUFACTURING CORPORATION, US
- [85] 2022-12-01
- [86] 2021-06-16 (PCT/US2021/037675)
- [87] (WO2021/257735)
- [30] US (63/039,635) 2020-06-16
- [30] US (63/042,316) 2020-06-22

[21] 3,181,122

[13] A1

- [51] Int.Cl. A24D 3/02 (2006.01) A24D 3/08 (2006.01) A24D 3/10 (2006.01)
- [25] EN
- [54] PAPER SHEET FILTER ELEMENT FOR A SMOKING ARTICLE, AND ASSOCIATED METHOD
- [54] ELEMENT DE FILTRE EN FEUILLE DE PAPIER POUR ARTICLE A FUMER, ET PROCEDE ASSOCIE
- [72] ADEME, BALAGER, US
- [72] CHAPMAN, PAUL STUART, US
- [72] JONES, WESLEY STEVEN, US
- [71] R. J. REYNOLDS TOBACCO COMPANY, US
- [85] 2022-12-01
- [86] 2021-06-03 (PCT/IB2021/054885)
- [87] (WO2021/245601)
- [30] US (63/034,856) 2020-06-04

[21] 3,181,123

[13] A1

- [51] Int.Cl. A01K 61/13 (2017.01) A01N 43/36 (2006.01) A01N 43/38 (2006.01)
- [25] EN
- [54] METHOD FOR REMOVING CRUSTACEAN ECTOPARASITES FROM FARMED SALMONID FISH USING WATER-SOLUBLE TETRACYCLIC COMPOUNDS AND LIGHT
- [54] PROCEDE D'ELIMINATION DE CRUSTACES ECTOPARASITES DE SALMONIDES D'ELEVAGE A L'AIDE DE COMPOSES DE TETRACYCLIC HYDROSOLUBLES ET DE LUMIERE
- [72] OALAND, OYVIND, NO
- [72] KLAIVENESS, JO, NO
- [72] RITCHIE, GORDON, NO
- [71] MOWI ASA, NO
- [85] 2022-12-01
- [86] 2021-06-16 (PCT/NO2021/050146)
- [87] (WO2021/256938)
- [30] NO (20200710) 2020-06-17

[21] 3,181,124

[13] A1

- [25] EN
- [54] MACHINE LEARNING MODEL FOR ANALYZING PATHOLOGY DATA FROM METASTATIC SITES
- [54] MODELE D'APPRENTISSAGE AUTOMATIQUE PERMETTANT D'ANALYSER DES DONNEES DE PATHOLOGIE A PARTIR DE SITES METASTATIQUES
- [72] YARLAGADDA, DIG VIJAY KUMAR, US
- [72] HANNA, MATTHEW, US
- [72] SCHUEFFLER, PETER, US
- [72] FUCHS, THOMAS, US
- [71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
- [85] 2022-12-01
- [86] 2021-06-01 (PCT/US2021/035133)
- [87] (WO2021/247491)
- [30] US (63/033,730) 2020-06-02

[21] 3,181,126

[13] A1

- [51] Int.Cl. A61K 9/00 (2006.01) A61K 31/395 (2006.01) A61K 31/426 (2006.01) A61K 31/573 (2006.01) A61P 5/00 (2006.01) C07C 209/44 (2006.01)
- [25] EN
- [54] SYNTHETIC METHODS FOR PREPARATION OF 4-(2-CHLORO-4-METHOXY-5-METHYLPHENYL)-N-[(1S)-2-CYCLOPROPYL-1-(3-FLUORO-4-METHYLPHENYL)ETHYL]-5-METHYL-N-PROP-2-YNYL-1,3-TIAZOL-2-AMINE
- [54] PROCEDES DE SYNTHESE POUR LA PREPARATION DE 4-(2-CHLORO-4-METHOXY-5-METHYLPHENYL)-V-[(LS)-2-CYCLOPROPYL-L-(3-FLUORO-4-METHYLPHENYL)ETHYL]-5-METHYL-V-PROP-2-YNYL-L,3-TIAZOL-2-AMINE
- [72] PALMER, ANDREW, US
- [72] STIRN, SCOTT, US
- [72] RADISSON, JOEL, FR
- [72] COSTA, CHRISTINA MARIE, US
- [71] NEUROCRINE BIOSCIENCES, INC., US
- [71] SANOFI, FR
- [85] 2022-12-01
- [86] 2021-06-09 (PCT/IB2021/000403)
- [87] (WO2021/250468)
- [30] IB (PCT/IB2020/000575) 2020-06-10

Demandes PCT entrant en phase nationale

[21] **3,181,128**

[13] A1

[51] Int.Cl. H02M 1/088 (2006.01) H02M 1/12 (2006.01) H02M 7/539 (2006.01) H02P 27/02 (2016.01)

[25] EN

[54] SINGLE CARRIER PULSE WIDTH MODULATOR FOR 5-LEVEL CONVERTER WITH CAPACITOR VOLTAGE SELF-BALANCING, EQUAL LOSS DISTRIBUTION, AND IMPROVED OUTPUT VOLTAGE SPECTRUM

[54] MODULATEUR D'IMPULSION EN LARGEUR A PORTEUSE UNIQUE DESTINE A UN CONVERTISSEUR A 5 NIVEAUX A SPECTRE DE TENSION DE SORTIE AMELIORE, A REPARTITION EGALE DES PERTES ET A AUTO-EQUILIBRAGE DE TENSION DE CONDENSATEU

[72] ABARZADEH, MOSTAFA, CA
[72] AL-HADDAD, KAMAL, CA
[71] SOCOWAR, SOCIETE EN COMMANDITE, CA
[85] 2022-12-01
[86] 2020-06-12 (PCT/CA2020/050818)
[87] (WO2021/248223)

[21] **3,181,130**

[13] A1

[51] Int.Cl. A61K 35/74 (2015.01) A61K 38/48 (2006.01) C07K 14/33 (2006.01)

[25] EN

[54] ZONAL AND TARGETED METHODS AND USES FOR TREATING A MIGRAINE DISORDER

[54] METHODES ZONALES ET CIBLEES ET LEURS UTILISATIONS POUR LE TRAITEMENT D'UNE MIGRAINE

[72] BINDER, WILLIAM J., US
[71] MIOTOX, LLC, US
[85] 2022-12-01
[86] 2021-06-03 (PCT/US2021/035736)
[87] (WO2021/247890)
[30] US (63/034,215) 2020-06-03

[21] **3,181,132**

[13] A1

[51] Int.Cl. G02B 27/10 (2006.01) G02B 27/28 (2006.01)

[25] EN

[54] SPECTRAL SPLITTER DEVICE
[54] DIVISEUR SPECTRAL
[72] ORIACH FONT, CARLES, ES
[71] MONOCROM, S.L., ES
[85] 2022-12-01
[86] 2020-12-29 (PCT/ES2020/070827)
[87] (WO2022/144472)

[21] **3,181,133**

[13] A1

[51] Int.Cl. G05D 7/06 (2006.01) H04Q 9/02 (2006.01)

[25] EN

[54] A BUILDING FACILITY WATER MANAGEMENT METHOD AND SYSTEM

[54] PROCEDE ET SYSTEME DE GESTION D'EAU D'INSTALLATION DE BATIMENT
[72] CUMMINGS, STEPHEN JOHN, AU
[72] FRITZSCHE, MICHAEL, DE
[72] EBERT, MARK, DE
[71] CAROMA INDUSTRIES LIMITED, AU
[71] MICAS AG, DE
[85] 2022-12-01
[86] 2021-08-18 (PCT/AU2021/050908)
[87] (WO2022/036397)
[30] AU (2020902959) 2020-08-19

[21] **3,181,134**

[13] A1

[51] Int.Cl. A61K 8/30 (2006.01) A61K 31/201 (2006.01) A61K 31/202 (2006.01) A61P 17/00 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)

[25] EN

[54] DIHOMO-GAMMA LINOLENIC ACID (DGLA) IS A NOVEL SENOLYTIC

[54] ACIDE DIHOMO-GAMMA-LINOLENIQUE (DGLA) COMME NOUVEL AGENT SENOLYTIQUE

[72] WILEY, CHRISTOPHER D., US
[72] CAMPISI, JUDITH, US
[71] BUCK INSTITUTE FOR RESEARCH ON AGING, US
[85] 2022-12-01
[86] 2021-06-01 (PCT/US2021/035271)
[87] (WO2021/247594)
[30] US (63/033,739) 2020-06-02
[30] US (63/148,094) 2021-02-10

[21] **3,181,137**

[13] A1

[25] EN

[54] SYSTEMS AND METHODS FOR REFERRAL MANAGEMENT AND TRACKING

[54] SYSTEMES ET PROCEDES DE GESTION ET DE SUIVI DE RECOMMANDATION

[72] VACCARINO, JAMES CARL, US
[71] BUNGEE LLC, US
[85] 2022-12-01
[86] 2021-06-09 (PCT/US2021/036700)
[87] (WO2021/252699)
[30] US (63/037,726) 2020-06-11

[21] **3,181,138**

[13] A1

[51] Int.Cl. G16H 40/20 (2018.01) G16H 40/40 (2018.01) G16H 70/20 (2018.01) G08B 21/24 (2006.01)

[25] EN

[54] SYSTEM AND METHOD FOR TRACEABILITY AND HYGIENE COMPLIANCE MANAGEMENT REPROCESSING OF REUSABLE MEDICAL DEVICES AND ENVIRONMENTS

[54] SYSTEME ET PROCEDE DE GESTION DE LA TRACABILITE ET DU RESPECT DE L'HYGIENE POUR LE RETRAITEMENT DE DISPOSITIFS ET D'ENVIRONNEMENTS MEDICAUX REUTILISABLES

[72] GUNNS, JODIE, AU
[72] GNANASUNDRAM, BAHEERATHAN, AU
[72] BATNI, PRABHANJAN, AU
[71] NANOSONICS LIMITED, AU
[85] 2022-12-01
[86] 2021-06-03 (PCT/IB2021/000386)
[87] (WO2021/245462)
[30] US (63/034,616) 2020-06-04
[30] US (63/068,481) 2020-08-21
[30] US (63/172,822) 2021-04-09

PCT Applications Entering the National Phase

[21] **3,181,139**
[13] A1

- [51] Int.Cl. H01M 10/0567 (2010.01) H01M 10/052 (2010.01) H01G 11/64 (2013.01)
 - [25] EN
 - [54] LITHIUM ION BATTERY ELECTROLYTE ADDITIVE
 - [54] ADDITIF D'ELECTROLYTE DE BATTERIE AU LITHIUM-ION
 - [72] MOGANTY, SURYA, US
 - [72] VAIDYA, RUTVIK, US
 - [72] ZHU, XIAOJING, US
 - [72] WU, YUE, US
 - [72] SINICROPI, JOHN, US
 - [72] TORRES, GABRIEL, US
 - [71] NOHMS TECHNOLOGIES, INC., US
 - [85] 2022-12-01
 - [86] 2021-06-01 (PCT/US2021/035162)
 - [87] (WO2021/247513)
 - [30] US (63/032,977) 2020-06-01
-

[21] **3,181,141**
[13] A1

- [51] Int.Cl. A61K 39/12 (2006.01) A61P 31/12 (2006.01) C12N 15/86 (2006.01)
- [25] EN
- [54] MODIFIED ALPHAVIRUS FOR USE AS COVID-19 VACCINE
- [54] ALPHAVIRUS MODIFIE DESTINE A ETRE UTILISE EN TANT QUE VACCIN CONTRE LA COVID-19
- [72] MERUELO, DANIEL, US
- [72] OPP, SILVANA, US
- [72] STAGLIONE, ANTONELLA, US
- [72] PAMPENO, CHRISTINE, US
- [72] MARTINEZ, ALICIA HURTADO, US
- [72] LIN, ZIYAN, US
- [71] NEW YORK UNIVERSITY, US
- [85] 2022-12-01
- [86] 2021-05-28 (PCT/US2021/034842)
- [87] (WO2021/247412)
- [30] US (63/034,791) 2020-06-04

[21] **3,181,143**
[13] A1

- [51] Int.Cl. A61K 35/763 (2015.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) C07K 16/30 (2006.01) C12N 7/00 (2006.01)
 - [25] EN
 - [54] MULTI-TARGETING RECOMBINANT HERPES SIMPLEX VIRUSES AND USE THEREOF
 - [54] VIRUS HERPES SIMPLEX RECOMBINES A CIBLES MULTIPLES ET LEUR UTILISATION
 - [72] KWON, HEECHUNG, KR
 - [72] BAEK, HYUNJUNG, KR
 - [72] JOO, HYUN YOO, KR
 - [71] GENCELLMED INC., KR
 - [85] 2022-12-01
 - [86] 2021-02-19 (PCT/KR2021/002155)
 - [87] (WO2021/251589)
 - [30] KR (10-2020-0071873) 2020-06-12
 - [30] KR (10-2020-0072979) 2020-06-16
-

[21] **3,181,146**
[13] A1

- [51] Int.Cl. A61B 90/00 (2016.01)
- [25] EN
- [54] SYSTEMS AND METHODS FOR DETECTING MAGNETIC MARKERS FOR SURGICAL GUIDANCE
- [54] SYSTEMES ET PROCEDES DE DETECTION DE MARQUEURS MAGNETIQUES POUR GUIDAGE CHIRURGICAL
- [72] AGOSTINELLI, TIZIANO, GB
- [72] HATTERSLEY, SIMON RICHARD, GB
- [71] CIPO, CA
- [71] ENDOMAGNETICS LIMITED, GB
- [85] 2022-12-01
- [86] 2021-05-18 (PCT/IB2021/054244)
- [87] (WO2021/250485)
- [30] GB (2008600.5) 2020-06-08

[21] **3,181,148**
[13] A1

- [51] Int.Cl. A61K 31/4164 (2006.01) A61P 17/00 (2006.01) A61P 17/06 (2006.01) A61P 27/16 (2006.01) A61P 31/04 (2006.01) A61P 31/10 (2006.01)
 - [25] EN
 - [54] ANTIMICROBIAL AGENT FOR NON-HUMAN ANIMAL
 - [54] AGENT ANTIMICROBIEN POUR ANIMAL NON HUMAIN
 - [72] SHIKAMA, HIROSHI, JP
 - [72] HIGUCHI, KOJI, JP
 - [72] ATSUMI, SHOGO, JP
 - [72] IMURA, TAKAYUKI, JP
 - [71] ISHIHARA SANGYO KAISHA, LTD., JP
 - [85] 2022-12-01
 - [86] 2021-06-02 (PCT/JP2021/021058)
 - [87] (WO2021/246453)
 - [30] JP (2020-097170) 2020-06-03
-

[21] **3,181,150**
[13] A1

- [51] Int.Cl. C12N 5/07 (2010.01) C12N 15/113 (2010.01) C12N 15/11 (2006.01)
- [25] EN
- [54] TISSUE FOR USE AS ALLOGENEIC OR XENOGENEIC TRANSPLANT AND METHOD FOR ITS PRODUCTION
- [54] TISSU DESTINE A ETRE UTILISE EN TANT QUE GREFFE ALLOGENIQUE OU XENOGENIQUE ET SON PROCEDE DE PRODUCTION
- [72] BLASZYK, RAINER, DE
- [72] FERREIRA DE FIGUEIREDO, CONSTANCA, DE
- [71] IMUSYN GMBH & CO. KG, DE
- [85] 2022-12-01
- [86] 2020-07-06 (PCT/EP2020/068988)
- [87] (WO2021/001577)
- [30] EP (19184380.4) 2019-07-04

Demandes PCT entrant en phase nationale

[21] 3,181,151
[13] A1

[51] Int.Cl. A23L 13/60 (2016.01) A23P 20/20 (2016.01) A23J 3/22 (2006.01)
[25] EN
[54] MEAT ANALOGUE AND METHOD OF PRODUCING THE SAME
[54] SUCCEDANE DE VIANDE ET SON PROCEDE DE PRODUCTION
[72] DIKOVSKY, DANIEL, IL
[72] HAUSNER, JONATHAN, IL
[71] REDEFINE MEAT LTD., IL
[85] 2022-12-01
[86] 2021-10-14 (PCT/IL2021/051220)
[87] (WO2022/079717)
[30] IL (278052) 2020-10-14

[21] 3,181,152
[13] A1

[51] Int.Cl. A23P 20/20 (2016.01)
[25] EN
[54] SYSTEM AND METHOD FOR FABRICATION OF A THREE-DIMENSIONAL EDIBLE PRODUCT
[54] SYSTEME ET PROCEDE DE FABRICATION DE PRODUIT COMESTIBLE TRIDIMENSIONNEL
[72] MANDELIK, DANIEL, IL
[72] COMFORTI, EYAL, IL
[72] SCHACHTER, SAGEE, IL
[72] SHAPIRA, GUR, IL
[72] DIKOVSKY, DANIEL, IL
[71] REDEFINE MEAT LTD., IL
[85] 2022-12-01
[86] 2021-10-14 (PCT/IL2021/051221)
[87] (WO2022/079718)
[30] IL (278059) 2020-10-14

[21] 3,181,153
[13] A1

[51] Int.Cl. C07K 16/32 (2006.01) C12N 7/00 (2006.01)
[25] EN
[54] RECOMBINANT HERPES SIMPLEX VIRUS COMPRISING GLYCOPROTEIN GH THAT HAS BEEN MODIFIED FOR RETARGETING, AND USE THEREOF
[54] VIRUS DE L'HERPES SIMPLEX RECOMBINANT COMPRENANT UNE GLYCOPROTEINE GH MODIFIEE POUR LE RECIBLAGE ET SON UTILISATION
[72] KWON, HEECHUNG, KR
[72] BAEK, HYUNJUNG, KR
[71] GENCELLMED INC., KR
[85] 2022-12-01
[86] 2021-02-19 (PCT/KR2021/002154)
[87] (WO2021/251588)
[30] KR (10-2020-0071873) 2020-06-12
[30] KR (10-2020-0072979) 2020-06-16

[21] 3,181,155
[13] A1

[51] Int.Cl. E21B 47/12 (2012.01)
[25] EN
[54] CONTROLLER FOR USE WITH A REMOTE DOWNHOLE TOOL
[54] DISPOSITIF DE COMMANDE DESTINE A ETRE UTILISE AVEC UN OUTIL DE FOND DE TROU DISTANT
[72] POLLOCK, DAVID, GB
[72] ROGACHEVA, ALEXANDRA VASIL'EVNA, GB
[71] EXPRO NORTH SEA LIMITED, GB
[85] 2022-12-01
[86] 2021-06-10 (PCT/EP2021/065730)
[87] (WO2021/250223)
[30] GB (2008909.0) 2020-06-11

[21] 3,181,157
[13] A1

[51] Int.Cl. A61H 3/00 (2006.01)
[25] EN
[54] CABLE-ACTUATED, KINETICALLY-BALANCED, PARALLEL TORQUE TRANSFER EXOSKELETON JOINT ACTUATOR WITH OR WITHOUT STRAIN SENSING
[54] ACTIONNEUR A TRANSFERT DE COUPLE PARALLELE, A EQUILIBRAGE CINETIQUE, ACTIONNE PAR CABLE, D'ARTICULATION D'EXOSQUELETTE, AVEC OU SANS DETECTION DE DEFORMATION
[72] LERNER, ZACHARY F., US
[72] OREKHOV, GREG, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF NORTHERN ARIZONA UNIVERSITY, US
[85] 2022-12-01
[86] 2021-06-09 (PCT/US2021/036594)
[87] (WO2021/252614)
[30] US (63/036,618) 2020-06-09

[21] 3,181,158
[13] A1

[51] Int.Cl. A61K 31/198 (2006.01) A23L 33/15 (2016.01) A23L 33/175 (2016.01)
[25] EN
[54] FORMULATIONS FOR PERSONALIZED METHODS OF TREATMENT
[54] FORMULATIONS POUR PROCEDES DE TRAITEMENT PERSONNALISES
[72] MADDocks, OLIVER D. K., US
[71] FAETH THERAPEUTICS, INC., US
[85] 2022-12-01
[86] 2021-06-02 (PCT/US2021/035476)
[87] (WO2021/247724)
[30] US (63/034,137) 2020-06-03

PCT Applications Entering the National Phase

[21] 3,181,159
[13] A1

[51] Int.Cl. C10M 173/02 (2006.01)
[25] EN
[54] AQUEOUS COMPOSITION
 COMPRISING WATER-SOLUBLE
 GLYCERIN-BASED
 POLYALKYLENE GLYCOLS AND
 USE THEREOF
[54] COMPOSITION AQUEUSE
 COMPRENANT DES
 POLYALKYLENE GLYCOLS A
 BASE DE GLYCERINE SOLUBLES
 DANS L'EAU ET UTILISATION DE
 CELLE-CI
[72] CHEN, FANGBO, CN
[72] FAN, HAO, CN
[72] WU, QISHENG, CN
[72] RAO, JUN, CN
[71] SASOL CHEMICALS GMBH, DE
[85] 2022-12-01
[86] 2021-06-10 (PCT/EP2021/065715)
[87] (WO2021/250210)
[30] CN (202010523890.X) 2020-06-10

[21] 3,181,160
[13] A1

[51] Int.Cl. A61K 31/4164 (2006.01) A61P
 17/00 (2006.01) A61P 17/06 (2006.01)
 A61P 27/16 (2006.01) A61P 31/10
 (2006.01)
[25] EN
[54] ANTIFUNGAL AGENT FOR
 HUMAN
[54] AGENT ANTIFONGIQUE
 DESTINE A ETRE UTILISE CHEZ
 L'ETRE HUMAIN
[72] SHIKAMA, HIROSHI, JP
[72] HIGUCHI, KOJI, JP
[72] ATSUMI, SHOGO, JP
[72] IMURA, TAKAYUKI, JP
[71] ISHIHARA SANGYO KAISHA, LTD.,
 JP
[85] 2022-12-01
[86] 2021-06-02 (PCT/JP2021/021064)
[87] (WO2021/246455)
[30] JP (2020-097174) 2020-06-03

[21] 3,181,161
[13] A1

[51] Int.Cl. A61K 31/138 (2006.01) A61K
 31/155 (2006.01) A61K 31/198
 (2006.01)
[25] EN
[54] PERSONALIZED METHODS OF
 TREATING CANCER
[54] METHODES PERSONNALISEES
 DE TRAITEMENT DU CANCER
[72] MADDOCKS, OLIVER D. K., US
[71] FAETH THERAPEUTICS, INC., US
[85] 2022-12-01
[86] 2021-06-03 (PCT/US2021/035780)
[87] (WO2021/247923)
[30] US (63/034,679) 2020-06-04

[21] 3,181,162
[13] A1

[51] Int.Cl. A61P 35/00 (2006.01) C07D
 231/44 (2006.01) C07D 401/14
 (2006.01)
[25] EN
[54] INHIBITORS OF FIBROBLAST
 GROWTH FACTOR RECEPTOR
 KINASES
[54] INHIBITEURS DES KINASES
 RECEPTRICES DU FACTEUR DE
 CROISSANCE DES
 FIBROBLASTES
[72] KALDOR, STEPHEN W., US
[72] TYHONAS, JOHN, US
[72] MURPHY, ERIC A., US
[72] KANOUNI, TOUFIKE, US
[72] ARNOLD, LEE D., US
[72] KANIA, ROBERT, US
[72] COX, JASON M., US
[71] KINNATE BIOPHARMA INC., US
[85] 2022-12-01
[86] 2021-06-04 (PCT/US2021/035854)
[87] (WO2021/247969)
[30] US (63/035,155) 2020-06-05
[30] US (63/106,812) 2020-10-28

[21] 3,181,163
[13] A1

[51] Int.Cl. C12Q 1/68 (2018.01)
[25] EN
[54] ELECTRONIC HEALTH RECORD
 (EHR)-BASED CLASSIFIER FOR
 ACUTE RESPIRATORY DISTRESS
 SYNDROME (ARDS) SUBTYPING
[54] CLASSIFICATEUR BASE SUR DES
 DOSSIERS MEDICAUX
 ELECTRONIQUES (DME) POUR
 LE SOUS-TYPAGE DU
 SYNDROME DE DETRESSE
 RESPIRATOIRE AIGUE (SDRA)
[72] KAST, RACHEL ELIZABETH, US
[72] VAN ARK, EMILY MARY, US
[72] DELIBERATO, RODRIGO OCTAVIO,
 US
[72] OSBORN, JEFFREY ROBERT, US
[72] REY, DIEGO ARIEL, US
[71] ENDPOINT HEALTH INC., US
[85] 2022-12-01
[86] 2021-06-03 (PCT/US2021/035638)
[87] (WO2021/247819)
[30] US (63/034,368) 2020-06-03
[30] US (63/064,054) 2020-08-11
[30] US (63/180,880) 2021-04-28

[21] 3,181,192
[13] A1

[51] Int.Cl. A61K 47/68 (2017.01) C07K
 16/32 (2006.01)
[25] EN
[54] ANTIBODY-DRUG CONJUGATES
 CONTAINING AN ANTI-
 MESOTHELIN ANTIBODY AND
 USES THEREOF
[54] CONJUGUES ANTICORPS-
 MEDICAMENT CONTENANT UN
 ANTICORPS ANTI-
 MESOTHELIN ET LEURS
 UTILISATIONS
[72] CHUANG, SHIH-HSIEN, TW
[72] SUN, WEI-TING, TW
[72] LAILEE, YING-SHUAN, TW
[72] LAI, CHUN-LIANG, TW
[72] LIN, WUN-HUEI, TW
[72] WEI, WIN-YIN, TW
[72] TSAI, SHIH-CHONG, TW
[72] YU, CHENG-CHOU, TW
[72] HUANG, CHAO-YANG, TW
[71] DEVELOPMENT CENTER FOR
 BIOTECHNOLOGY, TW
[85] 2022-12-02
[86] 2021-06-04 (PCT/US2021/035972)
[87] (WO2021/248048)
[30] US (63/035,175) 2020-06-05

Demandes PCT entrant en phase nationale

<p>[21] 3,181,193 [13] A1</p> <p>[51] Int.Cl. A61K 39/12 (2006.01) C12N 9/12 (2006.01) C12N 15/86 (2006.01)</p> <p>[25] EN</p> <p>[54] RNA REPLICON FOR VERSATILE AND EFFICIENT GENE EXPRESSION</p> <p>[54] REPLICON D'ARN POUR OBTENIR UNE EXPRESSION GENIQUE VERSATILE ET EFFICACE</p> <p>[72] PERKOVIC, MARIO, DE</p> <p>[72] WITZEL, SONJA, DE</p> <p>[72] BEISSERT, TIM, DE</p> <p>[72] SAHIN, UGUR, DE</p> <p>[71] BIONTECH SE, DE</p> <p>[71] TRON - TRANSLATIONALE ONKOLOGIE AN DER UNIVERSITATSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAT MAINZ GEMEINNTZIGE GMBH, DE</p> <p>[85] 2022-12-02</p> <p>[86] 2021-06-01 (PCT/EP2021/064690)</p> <p>[87] (WO2021/245090)</p> <p>[30] EP (PCT/EP2020/065491) 2020-06-04</p>

<p>[21] 3,181,202 [13] A1</p> <p>[51] Int.Cl. B25J 9/04 (2006.01)</p> <p>[25] EN</p> <p>[54] ARTICULATED MANIPULATOR FOR NAVIGATING AND SERVICING A HEAT EXCHANGER</p> <p>[54] MANIPULATEUR ARTICULE POUR SE DEPLACER DANS UN ECHANGEUR DE CHALEUR ET L'ENTREtenir</p> <p>[72] PETROSKY, LYMAN J., US</p> <p>[71] WESTINGHOUSE ELECTRIC COMPANY LLC, US</p> <p>[85] 2022-12-02</p> <p>[86] 2021-06-03 (PCT/US2021/035680)</p> <p>[87] (WO2021/247848)</p> <p>[30] US (16/891,423) 2020-06-03</p>

<p>[21] 3,181,206 [13] A1</p> <p>[51] Int.Cl. E01B 3/44 (2006.01) E01B 3/46 (2006.01)</p> <p>[25] EN</p> <p>[54] A RAILROAD SLEEPER</p> <p>[54] TRAVERSE DE VOIE FERREE</p> <p>[72] LONGA NOSE, GUILHERME, BR</p> <p>[72] WENZER TREVIZAN, DANIEL, BR</p> <p>[72] MUNIZ DA SILVA, LUIZ FRANCISCO, BR</p> <p>[72] GOUDENE SPADA, JORGE LUIS, BR</p> <p>[72] PEREIRA DA SILVA ZAMITH, CLAUDIO, BR</p> <p>[72] VIDON JUNIOR, WALTER, BR</p> <p>[72] TEIXEIRA VARGAS, RENATO, BR</p> <p>[71] BRASKEM S.A., BR</p> <p>[85] 2022-12-02</p> <p>[86] 2021-06-02 (PCT/BR2021/050240)</p> <p>[87] (WO2021/243431)</p> <p>[30] US (16/891,102) 2020-06-03</p> <p>[30] BR (BR 13 2020 023070 0) 2020-11-11</p>

<p>[21] 3,181,215 [13] A1</p> <p>[51] Int.Cl. B01D 53/62 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS OF SEPARATING CARBON DIOXIDE FROM FLUE GAS AND SEQUESTERING LIQUID CARBON DIOXIDE</p> <p>[54] PROCEDES DE SEPARATION DE DIOXYDE DE CARBONE DE GAZ DE COMBUSTION ET DE SEQUESTRATION DE DIOXYDE DE CARBONE LIQUIDE</p> <p>[72] DODSON, JAMES B., US</p> <p>[72] MCCLURE, RICHARD F., US</p> <p>[71] CARBON VAULT LLC, US</p> <p>[85] 2022-12-02</p> <p>[86] 2021-05-19 (PCT/US2021/033228)</p> <p>[87] (WO2021/252158)</p> <p>[30] US (63/036,264) 2020-06-08</p>

<p>[21] 3,181,209 [13] A1</p> <p>[51] Int.Cl. A61P 35/00 (2006.01) C07D 231/44 (2006.01) C07D 401/14 (2006.01)</p> <p>[25] EN</p> <p>[54] INHIBITORS OF FIBROBLAST GROWTH FACTOR RECEPTOR KINASES</p> <p>[54] INHIBITEURS DES KINASES DU RECEPTEUR DU FACTEUR DE CROISSANCE DES FIBROBLASTES</p> <p>[72] KALDOR, STEPHEN W., US</p> <p>[72] TYHONAS, JOHN, US</p> <p>[72] MURPHY, ERIC A., US</p> <p>[72] KANOUNI, TOUFIKE, US</p> <p>[72] ARNOLD, LEE D., US</p> <p>[72] KANIA, ROBERT, US</p> <p>[71] KINNATE BIOPHARMA INC., US</p> <p>[85] 2022-12-02</p> <p>[86] 2021-06-04 (PCT/US2021/035856)</p> <p>[87] (WO2021/247971)</p> <p>[30] US (63/035,243) 2020-06-05</p>
--

<p>[21] 3,181,216 [13] A1</p> <p>[51] Int.Cl. A41D 13/11 (2006.01) A42B 1/046 (2021.01) A62B 23/02 (2006.01)</p> <p>[25] EN</p> <p>[54] FACE COVERINGS FOR USE WITH MOUTHGUARDS AND GARMENTS INCLUDING SUCH FACE COVERINGS</p> <p>[54] MASQUES EN TISSU DESTINES A ETRE UTILISES AVEC DES PROTEGE-DENTS ET VETEMENTS COMPRENNANT DE TELS MASQUES EN TISSU</p> <p>[72] NGUYEN, TRI MINH, US</p> <p>[71] SHOCK DOCTOR, INC., US</p> <p>[85] 2022-12-02</p> <p>[86] 2021-06-16 (PCT/US2021/037588)</p> <p>[87] (WO2021/257677)</p> <p>[30] US (63/040,168) 2020-06-17</p>

PCT Applications Entering the National Phase

[21] 3,181,221
[13] A1

[51] Int.Cl. C11D 3/00 (2006.01) C11D 3/20 (2006.01) C11D 3/26 (2006.01) C11D 3/37 (2006.01) C11D 3/50 (2006.01) C11D 17/00 (2006.01) C11D 17/06 (2006.01)
[25] EN
[54] PARTICULATE LAUNDRY ADDITIVE
[54] ADDITIF PARTICULAIRE POUR LE LINGE
[72] NGUYEN-MEYER, THUY T., US
[72] MIRACLE, GREGORY SCOT, US
[72] DITULLIO, DANIEL DALE JR., US
[72] TRUJILLO, MAURICIO, US
[72] ZERHUSEN, JADEN SCOTT, US
[71] CIPO, CA
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2022-12-02
[86] 2021-05-27 (PCT/US2021/034394)
[87] (WO2021/247345)
[30] US (63/034,766) 2020-06-04
[30] US (63/169,391) 2021-04-01

[21] 3,181,222
[13] A1

[51] Int.Cl. G01N 15/10 (2006.01) G01N 15/14 (2006.01) G01N 33/49 (2006.01) G06T 7/00 (2017.01)
[25] EN
[54] CLASSIFICATION OF BLOOD CELLS
[54] CLASSIFICATION DE CELLULES SANGUINES
[72] PRALJAK, NIKSA, US
[72] IRAM, SHAMREEN, US
[72] GOREKE, UTKU, US
[72] SINGH, GUNDEEP, US
[72] HILL, AILIS, US
[72] GURKAN, UMUT, US
[72] HINCZEWSKI, MICHAEL, US
[71] CASE WESTERN RESERVE UNIVERSITY, US
[85] 2022-12-02
[86] 2021-06-03 (PCT/US2021/035707)
[87] (WO2021/247868)
[30] US (63/034,252) 2020-06-03
[30] US (63/185,781) 2021-05-07

[21] 3,181,226
[13] A1

[51] Int.Cl. A62D 3/36 (2007.01)
[25] EN
[54] SEAL GAS OPTIMIZATION SYSTEMS AND METHODS FOR A DIRECT REDUCTION PROCESS
[54] SYSTEMES D'OPTIMISATION DE GAZ D'ETANCHEITE ET PROCEDES POUR UN PROCEDE DE REDUCTION DIRECTE
[72] FINNOUCHE, FAYCAL, US
[72] OSWALD, DAVID, US
[71] MIDREX TECHNOLOGIES, INC., US
[85] 2022-12-02
[86] 2020-06-23 (PCT/US2020/039042)
[87] (WO2021/262145)

[21] 3,181,228
[13] A1

[51] Int.Cl. G10L 15/22 (2006.01) G06F 40/30 (2020.01) G06F 9/54 (2006.01)
[25] EN
[54] AUTOMATED ASSISTANT CONTROL OF EXTERNAL APPLICATIONS LACKING AUTOMATED ASSISTANT APPLICATION PROGRAMMING INTERFACE FUNCTIONALITY
[54] COMMANDE D'ASSISTANT AUTOMATISE D'APPLICATIONS EXTERNE SANS FONCTIONNALITE D'INTERFACE DE PROGRAMMATION D'APPLICATION D'ASSISTANT AUTOMATISE
[72] DESELAERS, THOMAS, US
[72] FEUZ, SANDRO, US
[71] GOOGLE LLC, US
[85] 2022-12-02
[86] 2020-11-10 (PCT/US2020/059885)
[87] (WO2021/247070)
[30] US (63/033,496) 2020-06-02

[21] 3,181,229
[13] A1

[51] Int.Cl. A61B 17/32 (2006.01) A61B 17/00 (2006.01)
[25] EN
[54] ULTRASONIC SURGICAL ASPIRATOR FOR PROBING AND ABLATING TISSUE
[54] ASPIRATEUR CHIRURGICAL A ULTRASONS POUR LE SONDAGE ET L'ABLATION DE TISSUS
[72] DOWNEY, ADAM D., US
[71] STRYKER CORPORATION, US
[85] 2022-12-02
[86] 2021-06-04 (PCT/US2021/035992)
[87] (WO2021/248062)
[30] US (63/034,713) 2020-06-04

[21] 3,181,231
[13] A1

[25] EN
[54] SYSTEMS AND METHODS FOR DETECTING, EXTRACTING, AND CATEGORIZING STRUCTURE DATA FROM IMAGERY
[54] SYSTEMES ET PROCEDES DE DETECTION, D'EXTRACTION ET DE CATEGORISATION DE donnees de structure a PARTIR D'IMAGERIE
[72] RICHARDSON, RON, US
[72] SHELTON, CORY, US
[72] REED, COREY DAVID, US
[71] INSURANCE SERVICES OFFICE, INC., US
[85] 2022-12-02
[86] 2021-06-04 (PCT/US2021/035938)
[87] (WO2021/248024)
[30] US (63/034,670) 2020-06-04

Demandes PCT entrant en phase nationale

[21] 3,181,233
[13] A1

[51] Int.Cl. B01D 15/38 (2006.01) B01D 15/18 (2006.01) G01N 30/46 (2006.01)
[25] EN
[54] DEVICE FOR BIND AND ELUTE CHROMATOGRAPHY USING MEMBRANES, AND METHOD OF MANUFACTURE
[54] DISPOSITIF DE FIXATION ET D'ELUTION POUR CHROMATOGRAPHIE UTILISANT DES MEMBRANES, ET PROCEDE DE FABRICATION
[72] RAUTIO, KEVIN, US
[72] FOLEY, SEAN, US
[72] CEDRONE, GERADO, US
[72] STONE, MATTHEW T., US
[71] MERCK MILLPORE LTD., IE
[85] 2022-12-02
[86] 2021-04-26 (PCT/US2021/029152)
[87] (WO2021/252085)
[30] US (63/037,262) 2020-06-10

[21] 3,181,234
[13] A1

[25] EN
[54] SYSTEMS AND METHODS FOR OPTICAL RECOGNITION AND IDENTIFICATION OF OBJECTS, AND INVENTORYING OF THE SAME
[54] SYSTEMES ET PROCEDES DE RECONNAISSANCE OPTIQUE ET D'IDENTIFICATION D'OBJETS, ET ETABLISSEMENT DE L'INVENTAIRE DE CEUX-CI
[72] THOMPSON, ROBERT LYLE, US
[71] SLAB DREAM LAB, LLC, US
[85] 2022-12-02
[86] 2021-06-02 (PCT/US2021/035507)
[87] (WO2021/247747)
[30] US (63/034,209) 2020-06-03
[30] US (63/118,413) 2020-11-25
[30] US (63/118,424) 2020-11-25
[30] US (63/149,494) 2021-02-15

[21] 3,181,235
[13] A1

[51] Int.Cl. E06B 9/68 (2006.01) H05B 47/105 (2020.01)
[25] EN
[54] SENSOR FOR DETECTING GLARE CONDITIONS
[54] CAPTEUR DESTINE A DETECTER DES CONDITIONS D'EBOUSSISSEMENT
[72] CASEY, CRAIG ALAN, US
[72] VENKATA GOPALAN, YOGESH, US
[72] PROTZMAN, BRENT, US
[71] LUTRON TECHNOLOGY COMPANY LLC, US
[85] 2022-12-02
[86] 2021-11-30 (PCT/US2021/061283)
[87] (WO2022/115811)
[30] US (63/119,274) 2020-11-30

[21] 3,181,237
[13] A1

[51] Int.Cl. H01G 11/28 (2013.01) H01G 11/50 (2013.01)
[25] EN
[54] POSITIVE ELECTRODE OF HYBRID CAPACITOR AND MANUFACTURING METHOD THEREFOR AND USE THEREOF
[54] ELECTRODE POSITIVE DE CONDENSATEUR HYBRIDE ET SON PROCEDE DE FABRICATION, ET SON UTILISATION
[72] LUO, CHUIYI, CN
[72] BU, FANG, CN
[72] ZHU, YUAN, CN
[72] YUAN, ZHONGZHI, CN
[72] LIU, JIANHUA, CN
[72] LIU, JINCHENG, CN
[71] EVE ENERGY CO., LTD., CN
[71] EVE HYPERPOWER BATTERIES INC., CN
[85] 2022-12-02
[86] 2020-11-16 (PCT/CN2020/128952)
[87] (WO2022/077685)
[30] CN (202011112353.2) 2020-10-16

[21] 3,181,238
[13] A1

[51] Int.Cl. H05B 45/20 (2020.01) H05B 47/175 (2020.01)
[25] EN
[54] SYSTEM FOR CONTROLLING LOAD CONTROL PARAMETERS OVER FADE TIMES
[54] SYSTEME DE COMMANDE DE PARAMETRES DE COMMANDE DE CHARGE SUR DES TEMPS DE FONDU
[72] EIDING, MARK, US
[72] WYKES, JR., DAVID L, US
[72] LOPEZ, MARK RYAN, US
[71] LUTRON TECHNOLOGY COMPANY, LLC, US
[85] 2022-12-02
[86] 2021-12-09 (PCT/US2021/062692)
[87] (WO2022/125827)
[30] US (63/123,357) 2020-12-09

[21] 3,181,239
[13] A1

[51] Int.Cl. G01N 33/569 (2006.01)
[25] EN
[54] SYSTEMS AND PROCESSES TO SCREEN FOR SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 (SARS-COV-2) OF 2019 (COVID-19)
[54] SYSTEMES ET PROCEDES DE DEPISTAGE DU CORONAVIRUS DU SYNDROME RESPIRATOIRE AIGU SEVERE 2 (SRAS-COV-2) DE 2019 (COVID-19)
[72] GAINAY, MELICIA R., US
[72] NATOUR, DALIA, US
[71] BATTELLE MEMORIAL INSTITUTE, US
[85] 2022-12-02
[86] 2021-06-02 (PCT/US2021/035457)
[87] (WO2021/247712)
[30] US (63/033,276) 2020-06-02
[30] US (63/041,551) 2020-06-19

PCT Applications Entering the National Phase

[21] 3,181,240
[13] A1

- [51] Int.Cl. G06N 3/02 (2006.01)
 - [25] EN
 - [54] A COMPUTER-IMPLEMENTED OR HARDWARE-IMPLEMENTED METHOD OF ENTITY IDENTIFICATION, A COMPUTER PROGRAM PRODUCT AND AN APPARATUS FOR ENTITY IDENTIFICATION
 - [54] PROCEDE D'IDENTIFICATION D'ENTITE MIS EN ?UVRE PAR ORDINATEUR OU MIS EN ?UVRE PAR MATERIEL, PRODUIT-PROGRAMME D'ORDINATEUR ET APPAREIL D'IDENTIFICATION D'ENTITE
 - [72] RONGALA, UDAYA, SE
 - [72] JORNTELL, HENRIK, SE
 - [71] INTUICELL AB, SE
 - [85] 2022-12-02
 - [86] 2021-06-16 (PCT/SE2021/050589)
 - [87] (WO2021/256981)
 - [30] SE (2030199-0) 2020-06-16
 - [30] SE (2051375-0) 2020-11-25
-

[21] 3,181,241
[13] A1

- [51] Int.Cl. B64D 15/20 (2006.01) B64F 5/20 (2017.01)
- [25] EN
- [54] METHOD, PROCESS AND SYSTEM FOR AUTOMATING AND CONFIGURING AIRCRAFT DE-ICING/ANTI-ICING
- [54] PROCEDE, PROCESSUS ET SYSTEME D'AUTOMATISATION ET DE CONFIGURATION DE DEGIVRAGE/ANTIGIVRAGE D'AERONEF
- [72] CAMPBELL, JEFFERY PAUL, CA
- [71] JCAI INC., CA
- [85] 2022-12-02
- [86] 2021-06-04 (PCT/CA2021/050768)
- [87] (WO2021/243466)
- [30] US (63/034,680) 2020-06-04
- [30] US (63/042,720) 2020-06-23
- [30] US (63/172,396) 2021-04-08

[21] 3,181,242
[13] A1

- [51] Int.Cl. H02K 7/06 (2006.01) H02K 7/102 (2006.01) H02K 7/12 (2006.01) A47B 9/04 (2006.01)
 - [25] EN
 - [54] LOCKING AGAINST ROTATION OF ELECTRIC MOTOR OF A LINEAR ACTUATOR
 - [54] VERROUILLAGE CONTRE LA ROTATION D'UN MOTEUR ELECTRIQUE D'UN ACTIONNEUR LINEAIRE
 - [72] RASMUSSEN, ULRIK NYTOFT, DK
 - [72] LYNGDORF, FREDERIK HEDEVANG, DK
 - [72] RANDLOV, MICHAEL, DK
 - [72] WOLF, JESPER MADSEN, DK
 - [71] LINAK A/S, DK
 - [85] 2022-12-02
 - [86] 2021-06-02 (PCT/DK2021/000177)
 - [87] (WO2021/244715)
 - [30] DK (PA 2020 00649) 2020-06-02
 - [30] DK (PA 2021 00216) 2021-02-26
-

[21] 3,181,244
[13] A1

- [51] Int.Cl. B41C 1/10 (2006.01) B41C 3/00 (2006.01) B41M 5/392 (2006.01) B41M 5/395 (2006.01) B41M 5/44 (2006.01) G03F 7/075 (2006.01)
- [25] EN
- [54] FLEXOGRAPHIC PRINTING PLATE PRECURSOR, IMAGING ASSEMBLY AND USE
- [54] PRECURSEUR POUR PLAQUE D'IMPRESSION FLEXOGRAPHIQUE, ENSEMBLE D'IMAGERIE ET UTILISATION
- [72] KARIM, ALAVI, US
- [72] STEPANOV, ARSEN, US
- [72] ALI, M. ZAKI, US
- [71] MIRACLON CORPORATION, US
- [85] 2022-12-02
- [86] 2021-05-18 (PCT/US2021/032847)
- [87] (WO2022/015410)
- [30] US (16/931,436) 2020-07-16

[21] 3,181,245
[13] A1

- [51] Int.Cl. B01D 46/00 (2022.01) B01D 49/00 (2006.01) H01Q 1/00 (2006.01) H04B 1/00 (2006.01)
 - [25] EN
 - [54] A SYSTEM AND A METHOD FOR REDUCING PARTICULATE POLLUTANTS IN AIR, USING PULSED ELECTROMAGNETIC WAVES
 - [54] SYSTEME ET PROCEDE POUR LA REDUCTION DE POLLUANTS PARTICULAIRES DANS L'AIR, A L'AIDE D'ONDES ELECTROMAGNETIQUES PULSEES
 - [72] SOLA, SRIKANTH, IN
 - [72] KANNIGANTI, RADHICA, IN
 - [72] MENON, MALINI, IN
 - [72] KALAVATHI, FRANCISCA, IN
 - [71] DEVIC EARTH PRIVATE LIMITED, IN
 - [85] 2022-12-02
 - [86] 2021-02-18 (PCT/IN2021/050156)
 - [87] (WO2021/245687)
 - [30] IN (202041023125) 2020-06-02
-

[21] 3,181,246
[13] A1

- [51] Int.Cl. G01N 33/569 (2006.01)
- [25] EN
- [54] SYSTEMS AND PROCESSES TO SCREEN FOR SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 (SARS-COV-2) OF 2019 (COVID-19)
- [54] SYSTEMES ET PROCEDES DE CRIBLAGE DU CORONAVIRUS DU SYNDROME RESPIRATOIRE AIGU SEVERE 2 (SRAS-COV-2) DE 2019 (COVID-19)
- [72] GAINAY, MELICIA R., US
- [72] NATOUR, DALIA, US
- [71] BATTELLE MEMORIAL INSTITUTE, US
- [85] 2022-12-02
- [86] 2021-06-02 (PCT/US2021/035335)
- [87] (WO2021/247631)
- [30] US (63/033,276) 2020-06-02
- [30] US (63/041,551) 2020-06-19

Demandes PCT entrant en phase nationale

[21] 3,181,247
[13] A1

- [51] Int.Cl. H02M 5/458 (2006.01) F26B 3/347 (2006.01) H03F 3/193 (2006.01)
- [25] EN
- [54] RF POWER SOURCE WITH IMPROVED GALVANIC ISOLATION
- [54] BLOC D'ALIMENTATION RF A ISOLATION GALVANIQUE AMELIOREE
- [72] HARDY, TIM, CA
- [72] WALKER, BRIAN, CA
- [72] ZWICKER, KIRK, CA
- [72] SCHUE, CHARLES, CA
- [71] AETHERA TECHNOLOGIES LIMITED, CA
- [85] 2022-12-02
- [86] 2021-05-21 (PCT/CA2021/050695)
- [87] (WO2021/243442)
- [30] US (63/034,647) 2020-06-04

[21] 3,181,248
[13] A1

- [51] Int.Cl. G01N 33/543 (2006.01)
- [25] EN
- [54] DISPERSION USING A MOVING MAGNET
- [54] DISPERSION UTILISANT UN AIMANT MOBILE
- [72] KULAK, NILS A., DE
- [72] HARTINGER, KATRIN, DE
- [72] KASEMANN, MARTIN, DE
- [72] JOHANSSON, SEBASTIAN, DE
- [72] JOHANSSON, JASMIN, DE
- [71] PREOMICS GMBH, DE
- [85] 2022-12-02
- [86] 2021-05-12 (PCT/EP2021/062680)
- [87] (WO2021/249718)
- [30] EP (20179317.1) 2020-06-10

[21] 3,181,249
[13] A1

- [51] Int.Cl. A61M 1/04 (2006.01) A61B 17/34 (2006.01) A61M 39/02 (2006.01)
- [25] EN
- [54] METHOD AND APPARATUS FOR TREATING TENSION PNEUMOTHORAX USING A RAPID DEPLOYMENT CHEST PORT
- [54] METHODE ET APPAREIL DE TRAITEMENT D'UN PNEUMOTHORAX SOUS TENSION A L'AIDE D'UN ORIFICE D'ACCES A LA POITRINE A IMPLANTATION RAPIDE
- [72] LUTTRELL, RYAN, US
- [72] SMITH, BYRON, US
- [71] CIPO, CA
- [71] QUICK TUBE MEDICAL, LLC, US
- [85] 2022-12-02
- [86] 2021-06-04 (PCT/US2021/035946)
- [87] (WO2021/248029)
- [30] US (63/034,852) 2020-06-04

[21] 3,181,250
[13] A1

- [51] Int.Cl. B32B 27/10 (2006.01) B32B 27/32 (2006.01) D21H 19/80 (2006.01)
- [25] EN
- [54] AN ASEPTIC LIQUID PACKAGING CONTAINER
- [54] RECIPIENT DE CONDITIONNEMENT DE LIQUIDE ASEPTIQUE
- [72] CHATURVEDI, ASHOK, IN
- [71] UFLEX LIMITED, IN
- [85] 2022-12-02
- [86] 2021-06-05 (PCT/IN2021/050550)
- [87] (WO2021/245709)
- [30] IN (202011023791) 2020-06-06

[21] 3,181,251
[13] A1

- [51] Int.Cl. F04D 25/08 (2006.01)
- [25] EN
- [54] CEILING FAN WITH GERMICIDAL CAPABILITIES
- [54] VENTILATEUR DE PLAFOND A CAPACITES GERMICIDES
- [72] RHOADES, LENNIE, US
- [72] EVANS, ERIC, US
- [72] MCKINZIE, MARC, US
- [72] LENSER, RICHARD, US
- [72] KOUKIS, ANDREW, US
- [72] DALTON, DANIEL, US
- [71] DELTA T, LLC, US
- [85] 2022-12-02
- [86] 2021-06-16 (PCT/US2021/037563)
- [87] (WO2021/257658)
- [30] US (63/039,788) 2020-06-16
- [30] US (63/054,871) 2020-07-22
- [30] US (63/123,595) 2020-12-10
- [30] US (63/040,274) 2020-06-17
- [30] US (17/147,133) 2021-01-12

[21] 3,181,253
[13] A1

- [51] Int.Cl. B62D 11/00 (2006.01)
- [25] EN
- [54] STEERING SYSTEM FOR VEHICLES AND VEHICLES HAVING SAME
- [54] SYSTEME DE DIRECTION POUR VEHICULES ET VEHICULES EQUIPES DE CE DERNIER
- [72] VISSCHER, PETER DEREK, CA
- [72] WOOLFREY, PETER JOHN, CA
- [71] CANADENSYS AEROSPACE CORPORATION, CA
- [85] 2022-12-02
- [86] 2021-06-09 (PCT/CA2021/050784)
- [87] (WO2021/248237)
- [30] US (63/037,110) 2020-06-10

PCT Applications Entering the National Phase

[21] 3,181,254
[13] A1

- [51] Int.Cl. A61K 31/517 (2006.01) A61P 35/00 (2006.01) C07D 403/12 (2006.01) C07D 417/12 (2006.01) C07D 487/04 (2006.01)
- [25] EN
- [54] QUINAZOLINE-DERIVED HCK INHIBITORS FOR USE IN THE TREATMENT OF MYD88 MUTATED DISEASES
- [54] INHIBITEURS DE HCK DERIVES DE QUINAZOLINE DESTINES A ETRE UTILISES DANS LE TRAITEMENT DE MALADIES A MUTATION MYD88
- [72] GRAY, NATHANIEL S., US
- [72] TREON, STEVEN P., US
- [72] BUHRLAGE, SARA JEAN, US
- [72] YANG, GUANG, US
- [72] WANG, JINHUA, US
- [72] TAN, LI, CN
- [72] HUNTER, ZACHARY R., US
- [71] DANA-FARBER CANCER INSTITUTE, INC., US
- [85] 2022-12-02
- [86] 2021-06-03 (PCT/US2021/035677)
- [87] (WO2021/247845)
- [30] US (63/035,493) 2020-06-05

[21] 3,181,255
[13] A1

- [51] Int.Cl. H05B 47/105 (2020.01) H04W 4/02 (2018.01) H05B 47/19 (2020.01) H04L 67/52 (2022.01)
- [25] EN
- [54] REAL TIME LOCATING SYSTEM HAVING LIGHTING CONTROL DEVICES
- [54] SYSTEME DE LOCALISATION EN TEMPS REEL COMPORANT DES DISPOSITIFS DE COMMANDE D'ECLAIRAGE
- [72] CAMDEN, RICHARD S., US
- [72] GARG, VIDUR, US
- [71] LUTRON TECHNOLOGY COMPANY LLC, US
- [85] 2022-12-02
- [86] 2021-12-03 (PCT/US2021/061892)
- [87] (WO2022/120231)
- [30] US (63/121,537) 2020-12-04

[21] 3,181,256
[13] A1

- [51] Int.Cl. C11D 1/72 (2006.01)
- [25] EN
- [54] NON-CAUSTIC CLEANING METHODS AND USES
- [54] PROCEDES DE NETTOYAGE NON CAUSTIQUE ET UTILISATIONS
- [72] SOONTRAVANICH, SUKHwan, US
- [72] OWENS, PAIGE MARY, US
- [72] DHAWAN, ASHISH, US
- [72] SILVERNAIL, CARTER MARTIN, US
- [71] ECOLAB USA INC., US
- [85] 2022-12-02
- [86] 2021-06-03 (PCT/US2021/035628)
- [87] (WO2021/247814)
- [30] US (63/033,998) 2020-06-03

[21] 3,181,257
[13] A1

- [51] Int.Cl. C12Q 1/24 (2006.01)
- [25] EN
- [54] QUANTITATIVE HORMONE AND CHEMICAL ANALYTE TEST RESULT SYSTEMS AND METHODS
- [54] SYSTEMES ET PROCEDES DE RESULTAT QUANTITATIF DE TEST D'UNE HORMONE ET D'UN ANALYTE CHIMIQUE
- [72] LIU, XIAOLIAN, US
- [72] ZOU, LI, US
- [71] EASY HEALTHCARE CORPORATION, US
- [85] 2022-12-02
- [86] 2021-06-02 (PCT/US2021/035471)
- [87] (WO2021/247721)
- [30] US (63/033,767) 2020-06-02

[21] 3,181,258
[13] A1

- [51] Int.Cl. G01N 27/333 (2006.01) G01N 33/24 (2006.01)
- [25] EN
- [54] SOLID STATE SOIL SENSOR
- [54] CAPTEUR DE SOL A SEMI-CONDUCTEURS
- [72] MILLER, TONY, GB
- [72] CHEN, YI, GB
- [72] PEACOCK, MARTIN, GB
- [71] PLANT BIOSCIENCE LIMITED, GB
- [85] 2022-12-02
- [86] 2021-06-03 (PCT/EP2021/064939)
- [87] (WO2021/245202)
- [30] GB (2008507.2) 2020-06-05

[21] 3,181,260
[13] A1

- [51] Int.Cl. A61B 5/11 (2006.01) A61G 7/05 (2006.01) A61G 12/00 (2006.01) G08B 21/02 (2006.01) G08B 21/04 (2006.01) G08B 21/18 (2006.01)
- [25] EN
- [54] EXIT DETECTION SYSTEM WITH OBSTRUCTION REACTION
- [54] SYSTEME DE DETECTION DE SORTIE AVEC REACTION A L'OBSTRUCTION
- [72] PAUL, ANISH, US
- [72] THOTA, MADHU SANDEEP, US
- [71] STRYKER CORPORATION, US
- [85] 2022-12-02
- [86] 2021-09-28 (PCT/US2021/052390)
- [87] (WO2022/072340)
- [30] US (63/085,523) 2020-09-30

[21] 3,181,262
[13] A1

- [51] Int.Cl. H05B 47/115 (2020.01) H01H 23/14 (2006.01) H03K 17/96 (2006.01)
- [25] EN
- [54] LOAD CONTROL DEVICE RESPONSIVE TO NON-CONTACT ACTUATIONS
- [54] DISPOSITIF DE COMMANDE DE CHARGE SENSIBLE AUX ACTIONNEMENTS SANS CONTACT
- [72] MOORTHY, DINESH SUNDARA, US
- [71] LUTRON TECHNOLOGY COMPANY LLC, US
- [85] 2022-12-02
- [86] 2021-12-02 (PCT/US2021/061666)
- [87] (WO2022/120088)
- [30] US (63/120,683) 2020-12-02

Demandes PCT entrant en phase nationale

[21] 3,181,263
[13] A1

- [51] Int.Cl. A01N 31/14 (2006.01) C07C 43/184 (2006.01) C08G 65/08 (2006.01)
- [25] EN
- [54] ANTIFOULING COMPOUNDS USED FOR MICROBIAL FOULING CONTROL
- [54] COMPOSES ANTISALISSURE UTILISES POUR LA LUTTE CONTRE LES SALISSURES MICROBIENNES
- [72] DHAWAN, ASHISH, US
- [72] XIONG, KUN, US
- [72] SILVERNAIL, CARTER MARTIN, US
- [71] ECOLAB USA INC., US
- [85] 2022-12-02
- [86] 2021-06-03 (PCT/US2021/035658)
- [87] (WO2021/247834)
- [30] US (63/034,274) 2020-06-03

[21] 3,181,264
[13] A1

- [51] Int.Cl. A61B 5/145 (2006.01) A61B 5/1486 (2006.01) C12Q 1/00 (2006.01) G01N 27/30 (2006.01)
- [25] EN
- [54] ANALYTE SENSOR AND ITS MANUFACTURING
- [54] CAPTEUR D'ANALYTE ET SON PROCEDE DE FABRICATION
- [72] STECK, ALEXANDER, DE
- [72] SLIOZBERG, KYRYLO, DE
- [71] F. HOFFMANN-LA ROCHE AG, CH
- [85] 2022-12-02
- [86] 2021-07-05 (PCT/EP2021/068429)
- [87] (WO2022/008394)
- [30] EP (20184466.9) 2020-07-07

[21] 3,181,267
[13] A1

- [51] Int.Cl. G16B 25/20 (2019.01) G16B 30/20 (2019.01) G16B 35/10 (2019.01)
- [25] EN
- [54] DESTRUCTION OF AIRBORNE PATHOGENS, AND MICROORGANISMS ON GRAINS AND DRIED FOOD USING ULTRASOUND
- [54] DESTRUCTION DE PATHOGENES EN SUSPENSION DANS L'AIR ET DE MICRO-ORGANISMES SUR DES CEREALES ET UN ALIMENT LYOPHILISE A L'AIDE D'ULTRASONS
- [72] SINHA, DIPEN N., US
- [71] AWE TECHNOLOGIES, LLC, US
- [85] 2022-12-02
- [86] 2021-06-16 (PCT/US2021/037660)
- [87] (WO2021/257721)
- [30] US (63/040,259) 2020-06-17

[21] 3,181,268
[13] A1

- [51] Int.Cl. A61L 2/18 (2006.01) A61L 2/20 (2006.01) A61L 11/00 (2006.01) B02C 19/00 (2006.01) B09B 3/00 (2022.01)
- [25] FR
- [54] SYSTEM AND METHOD FOR MAKING WASTE SAFE
- [54] SYSTEME ET METHODE DE BANALISATION DE DECHETS
- [72] BATAILLE, AURELIEN, FR
- [72] SENTENAC, THIBAULT, FR
- [72] ROCH, JEAN, FR
- [72] LORECKI, BOGUSLAW, FR
- [71] BERTIN TECHNOLOGIES, FR
- [85] 2022-12-02
- [86] 2021-06-08 (PCT/EP2021/065272)
- [87] (WO2021/254826)
- [30] FR (FR2006320) 2020-06-17

[21] 3,181,269
[13] A1

- [51] Int.Cl. H05B 47/11 (2020.01)
- [25] EN
- [54] SENSOR FOR DETECTING GLARE CONDITIONS
- [54] CAPTEUR POUR DETECTER DES CONDITIONS D'EBOUILLISSEMENT
- [72] CASEY, CRAIG ALAN, US
- [72] VENKATA GOPALAN, YOGESH, US
- [72] PROTZMAN, BRENT, US
- [71] LUTRON TECHNOLOGY COMPANY LLC, US
- [85] 2022-12-02
- [86] 2021-11-30 (PCT/US2021/061279)
- [87] (WO2022/115809)
- [30] US (63/119,462) 2020-11-30

[21] 3,181,270
[13] A1

- [51] Int.Cl. B60C 1/00 (2006.01) C08K 3/04 (2006.01) C08K 5/13 (2006.01) C08K 5/14 (2006.01) C08K 5/1535 (2006.01) C08K 5/1545 (2006.01)
- [25] FR
- [54] ELASTOMERIC COMPOSITION COMPRISING A PHENOLIC COMPOUND AND A COMPOUND FROM THE MONOSACCHARIDE FAMILY
- [54] COMPOSITION ELASTOMERIQUE COMPRENANT UN COMPOSE PHENOLIQUE ET UN COMPOSE DE LA FAMILLE DES OSSES
- [72] ARAUJO DA SILVA, JOSE-CARLOS, FR
- [72] DUMONTET, LUDIVINE, FR
- [72] PIBRE, GUILLAUME, FR
- [71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
- [85] 2022-12-02
- [86] 2021-06-15 (PCT/FR2021/051064)
- [87] (WO2021/255376)
- [30] FR (FR2006362) 2020-06-18

PCT Applications Entering the National Phase

<p>[21] 3,181,272 [13] A1</p> <p>[51] Int.Cl. B25J 9/00 (2006.01)</p> <p>[25] EN</p> <p>[54] CUSTOMIZED CONFIGURATION FOR AN EXOSKELETON CONTROLLER</p> <p>[54] CONFIGURATION PERSONNALISEE POUR UN DISPOSITIF DE COMMANDE D'EXOSQUELETTE</p> <p>[72] MOONEY, LUKE, US</p> <p>[72] DUVAL, JEAN-FRANCOIS, US</p> <p>[72] HARRIS, RACHEL, US</p> <p>[72] KAPLAN, JONATHAN, US</p> <p>[72] MOONEY, MATTHEW, US</p> <p>[72] MARVIN, WILLIAM, US</p> <p>[71] DEPHY, INC., US</p> <p>[85] 2022-12-02</p> <p>[86] 2021-05-26 (PCT/US2021/034182)</p> <p>[87] (WO2021/247311)</p> <p>[30] US (63/034,774) 2020-06-04</p> <p>[30] US (17/109,911) 2020-12-02</p>
--

<p>[21] 3,181,274 [13] A1</p> <p>[51] Int.Cl. C12N 9/22 (2006.01) C12N 15/63 (2006.01) C12N 15/90 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS FOR STABLE GENOMIC INTEGRATION IN RECOMBINANT MICROORGANISMS</p> <p>[54] PROCEDES D'INTEGRATION GENOMIQUE STABLE DANS DES MICROORGANISMES RECOMBINANTS</p> <p>[72] ROUSE, DAN, US</p> <p>[72] STARZL, TIMOTHY W., US</p> <p>[72] STARZL, RAVI S. V., US</p> <p>[71] BIOPLX, INC., US</p> <p>[85] 2022-12-02</p> <p>[86] 2021-06-02 (PCT/US2021/035484)</p> <p>[87] (WO2021/247729)</p> <p>[30] US (63/033,681) 2020-06-02</p> <p>[30] US (63/049,544) 2020-07-08</p>
--

<p>[21] 3,181,275 [13] A1</p> <p>[51] Int.Cl. B01J 19/24 (2006.01)</p> <p>[25] EN</p> <p>[54] A STRUCTURED CATALYST</p> <p>[54] CATALYSEUR STRUCTURE</p> <p>[72] MORTENSEN, PETER MOLGAARD, DK</p> <p>[72] WISMANN, SEBASTIAN THOR, DK</p> <p>[72] LARSEN, KASPER EMIL, DK</p> <p>[72] HANSEN, ANDERS HELBO, DK</p> <p>[71] TOPSOE A/S, DK</p> <p>[85] 2022-12-02</p> <p>[86] 2021-07-15 (PCT/EP2021/069716)</p> <p>[87] (WO2022/017900)</p> <p>[30] EP (20187305.6) 2020-07-23</p> <p>[30] EP (21182132.7) 2021-06-28</p>

<p>[21] 3,181,280 [13] A1</p> <p>[51] Int.Cl. F42C 13/08 (2006.01) G08C 17/02 (2006.01)</p> <p>[25] EN</p> <p>[54] MAGNETIC-INDUCTIVE WIRELESS DETONATOR WITH QUANTUM RECEIVER</p> <p>[54] DETONATEUR SANS FILS MAGNETO-INDUCTIF A RECEPTEUR QUANTIQUE</p> <p>[72] DESCHENES, STEPHANE, CA</p> <p>[72] PRIVE, ETIENNE, CA</p> <p>[71] PRIVE, ETIENNE, CA</p> <p>[85] 2022-12-02</p> <p>[86] 2020-06-03 (PCT/CA2020/000085)</p> <p>[87] (3181280)</p>

<p>[21] 3,181,278 [13] A1</p> <p>[51] Int.Cl. A61K 31/7034 (2006.01) A61K 31/706 (2006.01) A61K 31/7068 (2006.01)</p> <p>[25] EN</p> <p>[54] COMPOSITIONS AND METHODS FOR OVERCOMING MICROENVIRONMENT-MEDIATED RESISTANCE VIA E-SELECTIN TARGETING</p> <p>[54] COMPOSITIONS ET PROCEDES POUR SURMONTER UNE RESISTANCE MEDIEE PAR MICRO-ENVIRONNEMENT PAR CIBLAGE D'E-SELECTINE</p> <p>[72] MAGNANI, JOHN L., US</p> <p>[72] FOGLER, WILLIAM E., US</p> <p>[72] SMITH, THEODORE, US</p> <p>[71] GLYCOMIMETICS, INC., US</p> <p>[85] 2022-12-02</p> <p>[86] 2021-06-11 (PCT/US2021/036992)</p> <p>[87] (WO2021/257398)</p> <p>[30] US (63/038,856) 2020-06-14</p> <p>[30] US (63/060,605) 2020-08-03</p> <p>[30] US (63/198,856) 2020-11-17</p>
--

<p>[21] 3,181,281 [13] A1</p> <p>[51] Int.Cl. E21B 7/06 (2006.01)</p> <p>[25] EN</p> <p>[54] SIDETRACK ASSEMBLY WITH REPLACEMENT MILL HEAD FOR OPEN HOLE WHIPSTOCK</p> <p>[54] ENSEMBLE DE DEVIATION A TETE DE FRAISE DE REMplacement POUR SIFFLET DEVIATEUR A TROU OUVERT</p> <p>[72] DAVIS, RICHARD C., US</p> <p>[72] STONE, JEREMY LEE, US</p> <p>[72] TAYLOR, JAMES H. JR., US</p> <p>[72] SCHULTZ, WILLIAM ALLEN JR., US</p> <p>[72] TEALE, DAVID W., US</p> <p>[71] WEATHERFORD TECHNOLOGY HOLDINGS LLC, US</p> <p>[85] 2022-12-02</p> <p>[86] 2021-03-05 (PCT/US2021/021130)</p> <p>[87] (WO2021/247112)</p> <p>[30] US (16/894,577) 2020-06-05</p>
--

Demandes PCT entrant en phase nationale

<p>[21] 3,181,283 [13] A1</p> <p>[51] Int.Cl. C12N 15/11 (2006.01) A61K 48/00 (2006.01) A61P 25/02 (2006.01) C12N 9/00 (2006.01)</p> <p>[25] EN</p> <p>[54] TRNA OVEREXPRESSION AS A THERAPEUTIC APPROACH FOR CHARCOT-MARIE-TOOTH NEUROPATHY ASSOCIATED WITH MUTATIONS IN TRNA SYNTHETASES</p> <p>[54] SUREXPRESSION D'ARNT EN TANT QU'APPROCHE THERAPEUTIQUE POUR LA NEUROPATHIE DE CHARCOT-MARIE-TOOTH ASSOCIEE A DES MUTATIONS DANS DES ARNT SYNTHETASES</p> <p>[72] STORKEBAUM, ERIK JAN MARTHE, NL</p> <p>[71] STICHTING RADBOUD UNIVERSITEIT, NL</p> <p>[85] 2022-12-02</p> <p>[86] 2021-01-27 (PCT/NL2021/050048)</p> <p>[87] (WO2021/158100)</p> <p>[30] NL (2024840) 2020-02-05</p>

<p>[21] 3,181,285 [13] A1</p> <p>[51] Int.Cl. G01N 33/569 (2006.01) G01N 33/68 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS FOR EXTRACTING NEUTROPHIL SERINE PROTEASES AND TREATING DIPEPTIDYL PEPTIDASE 1-MEDIATED CONDITIONS</p> <p>[54] PROCEDES DESTINES A L'EXTRACTION DE SERINES PROTEASES NEUTROPHILES ET DE TRAITEMENT DE CONDITIONS INDUITES PAR LA DIPEPTIDYLE PEPTIDASE 1</p> <p>[72] BASSO, JESSICA, US</p> <p>[72] ZHANG, JIMIN, US</p> <p>[72] CIOPOLLA, DAVID, US</p> <p>[71] INSMED INCORPORATED, US</p> <p>[85] 2022-12-02</p> <p>[86] 2021-07-19 (PCT/US2021/042199)</p> <p>[87] (WO2022/020245)</p> <p>[30] US (63/053,939) 2020-07-20</p> <p>[30] US (63/215,599) 2021-06-28</p>

<p>[21] 3,181,287 [13] A1</p> <p>[51] Int.Cl. B29B 11/08 (2006.01)</p> <p>[25] EN</p> <p>[54] CONTAINER PREFORM WITH TAMPER EVIDENCE FINISH PORTION</p> <p>[54] PREFORME DE RECIPIENT DOTE A UNE PARTIE DE FINITION INVIOABLE</p> <p>[72] HANAN, JAY CLARKE, US</p> <p>[72] TAKADDUS, AHMED TASNUB, US</p> <p>[71] NIAGARA BOTTLING, LLC, US</p> <p>[85] 2022-12-02</p> <p>[86] 2021-06-02 (PCT/US2021/035483)</p> <p>[87] (WO2021/247728)</p> <p>[30] US (16/894,726) 2020-06-05</p>
--

<p>[21] 3,181,288 [13] A1</p> <p>[51] Int.Cl. A61K 35/761 (2015.01) A61K 48/00 (2006.01) A61P 21/00 (2006.01) A61P 25/00 (2006.01) C07K 14/075 (2006.01) C12N 7/00 (2006.01) C12N 15/63 (2006.01) C12N 15/67 (2006.01) C12N 15/86 (2006.01)</p> <p>[25] EN</p> <p>[54] CODON-OPTIMIZED NUCLEIC ACID ENCODING SMN1 PROTEIN</p> <p>[54] ACIDE NUCLEIQUE OPTIMISE PAR CODONS QUI CODE LA PROTEINE SMN1</p>
--

<p>[72] MADERA, DMITRIY ALEKSANDROVICH, RU</p> <p>[72] GERSHOVICH, PAVEL MIKHAILOVICH, RU</p> <p>[72] VESELOVA, ANNA SERGEEVNA, RU</p> <p>[72] SHUGAEVA, TATIANA EVGENIEVNA, RU</p> <p>[72] LOMUNOVA, MARIA ANDREEVNA, RU</p> <p>[72] SHKLIAEVA, MARGARITA ALEKSANDROVNA, RU</p> <p>[72] MOROZOV, DMITRY VALENTINOVICH, RU</p> <p>[71] JOINT STOCK COMPANY "BIOCAD", RU</p> <p>[85] 2022-12-02</p> <p>[86] 2021-06-02 (PCT/RU2021/000238)</p> <p>[87] (WO2021/246909)</p> <p>[30] RU (2020118148) 2020-06-02</p>
--

<p>[21] 3,181,289 [13] A1</p> <p>[51] Int.Cl. D04H 1/64 (2012.01) C09J 101/08 (2006.01) D04H 1/58 (2012.01) D04H 3/12 (2006.01) D06M 13/184 (2006.01) D21H 17/14 (2006.01) D21H 17/26 (2006.01)</p> <p>[25] EN</p> <p>[54] A METHOD FOR CONSOLIDATING A FIBROUS MATERIAL WITH A BIO-BASED BINDER POLYMER, A CONSOLIDATED FIBROUS MATERIAL AND AN AQUEOUS BINDER SOLUTION</p> <p>[54] PROCEDE DE CONSOLIDATION D'UN MATERIAU FIBREUX AVEC UN POLYMERE LIANT A BASE BIOLOGIQUE, MATERIAU FIBREUX CONSOLIDE ET SOLUTION AQUEUSE DE LIANT</p> <p>[72] NODBRANDT, ANDREA, SE</p> <p>[72] NIHLSSTRAND, ANNA, SE</p> <p>[72] HAGBERG, DANIEL, SE</p> <p>[72] WISS, VERONIQUE, FR</p> <p>[71] ESSITY HYGIENE AND HEALTH AKTIEBOLAG, SE</p> <p>[85] 2022-12-02</p> <p>[86] 2021-06-01 (PCT/SE2021/050508)</p> <p>[87] (WO2021/246940)</p> <p>[30] SE (PCT/SE2020/050564) 2020-06-04</p>

<p>[21] 3,181,290 [13] A1</p> <p>[51] Int.Cl. B29C 45/00 (2006.01) B60R 13/02 (2006.01) F16B 5/00 (2006.01)</p> <p>[25] EN</p> <p>[54] T-BAYONET JOINT</p> <p>[54] JOINT A BAIONNETTE EN T</p> <p>[72] PATTERSON, MATTHEW C., US</p> <p>[72] BUGENSKI, KENNETH G., US</p> <p>[72] SELLERS, MARK A., US</p> <p>[72] VASSALLO, DARREL, US</p> <p>[71] GM GLOBAL TECHNOLOGY OPERATIONS LLC, US</p> <p>[71] MAGNA EXTERIORS INC., CA</p> <p>[85] 2022-12-02</p> <p>[86] 2021-06-07 (PCT/US2021/036178)</p> <p>[87] (WO2022/031364)</p> <p>[30] US (63/062,864) 2020-08-07</p>
--

PCT Applications Entering the National Phase

[21] 3,181,292
[13] A1

- [51] Int.Cl. A61K 9/06 (2006.01) A61K 31/19 (2006.01) A61K 31/445 (2006.01) A61P 27/02 (2006.01) A61P 27/10 (2006.01) C07C 255/60 (2006.01)
[25] EN
[54] METHODS AND COMPOSITIONS FOR PREVENTING AND TREATING MYOPIA WITH LEVOCABASTINE, A SELECTIVE HISTAMINE H1-RECEPTOR ANTAGONIST, AND DERIVATIVES THEREOF
[54] METHODES ET COMPOSITIONS POUR LA PREVENTION ET LE TRAITEMENT DE LA MYOPIE AVEC DE LA LEVOCABASTINE, UN ANTAGONISTE SELECTIF DU RECEPTEUR H1 DE L'HISTAMINE ET DES DERIVES DE CELUI-C
[72] TKATCHENKO, ANDREI V., US
[72] TKATCHENKO, TATIANA V., US
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
[85] 2022-12-02
[86] 2021-06-02 (PCT/US2021/035344)
[87] (WO2021/247635)
[30] US (63/033,291) 2020-06-02
-

[21] 3,181,293
[13] A1

- [51] Int.Cl. G07D 7/01 (2016.01) G06Q 20/30 (2012.01) B42D 25/29 (2014.01) B42D 25/305 (2014.01)
[25] EN
[54] BANKNOTE WITH PROCESSOR
[54] BILLET DE BANQUE AVEC PROCESSEUR
[72] PETERS, FLORIAN, DE
[72] SAUTER, DIETER-HEINRICH, DE
[71] BUNDESDRUCKEREI GMBH, DE
[85] 2022-12-02
[86] 2021-06-04 (PCT/EP2021/065023)
[87] (WO2021/245242)
[30] DE (10 2020 115 034.2) 2020-06-05
-

[21] 3,181,294
[13] A1

- [51] Int.Cl. G06F 16/954 (2019.01)
[25] EN
[54] INTELLIGENTLY GENERATING AND MANAGING THIRD-PARTY SOURCES WITHIN A CONTEXTUAL HUB
[54] PRODUCTION ET GESTION INTELLIGENTES DE SOURCES TIERCES DANS UN CONCENTRATEUR CONTEXTUEL
[72] ARNOLD, HUDSON, US
[72] KLEINPETER, THOMAS, US
[72] MCARDLE, TERRENCE, US
[72] MENDOZA, KRISTOFFER, US
[71] DROPBOX, INC., US
[85] 2022-12-02
[86] 2021-01-25 (PCT/US2021/014909)
[87] (WO2021/252023)
[30] US (63/036,402) 2020-06-08
[30] US (16/937,208) 2020-07-23
[30] US (16/937,195) 2020-07-23
[30] US (16/937,092) 2020-07-23
-

[21] 3,181,295
[13] A1

- [51] Int.Cl. H01P 3/14 (2006.01)
[25] FR
[54] FLEXIBLE WAVEGUIDE DEVICE AND METHOD FOR MANUFACTURING SUCH A DEVICE
[54] DISPOSITIF A GUIDE D'ONDES FLEXIBLE ET PROCEDE DE FABRICATION D'UN TEL DISPOSITIF

- [72] BILLOD, MATHIEU, FR
[72] DIMITRADES, ALEXANDRE, CH
[71] SWISSTO12 SA, CH
[85] 2022-12-02
[86] 2021-06-16 (PCT/IB2021/055303)
[87] (WO2021/255660)
[30] FR (2006344) 2020-06-17
-

[21] 3,181,296
[13] A1

- [51] Int.Cl. C11D 3/37 (2006.01) C11D 3/60 (2006.01) C11D 17/00 (2006.01)
[25] EN
[54] PARTICULATE LAUNDRY COMPOSITION
[54] COMPOSITION DE BLANCHISSERIE PARTICULAIRE
[72] SHEN, RUI, CN
[72] ZHAO, PU, CN
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2022-12-02
[86] 2020-07-03 (PCT/CN2020/100132)
[87] (WO2022/000468)
-

[21] 3,181,297
[13] A1

- [51] Int.Cl. G07D 7/1205 (2016.01) H04W 12/12 (2021.01) H04W 12/069 (2021.01) H04L 9/32 (2006.01)
[25] EN
[54] BLOCKCHAIN SUPPORTED BANKNOTE
[54] BILLET DE BANQUE ASSISTE PAR CHAINE DE BLOCS
[72] BOSCH, CHRISTOPH, DE
[72] PETERS, FLORIAN, DE
[72] RUCKRIEMEN, JORG, DE
[72] SZEGVARI, PIOTR, DE
[71] BUNDESDRUCKEREI GMBH, DE
[85] 2022-12-02
[86] 2021-06-04 (PCT/EP2021/065025)
[87] (WO2021/245244)
[30] DE (10 2020 115 035.0) 2020-06-05
-

[21] 3,181,298
[13] A1

- [51] Int.Cl. H04N 21/443 (2011.01) H04N 21/61 (2011.01) H04N 21/6338 (2011.01) G06F 9/445 (2018.01)
[25] EN
[54] SELECTIVE RESET SYSTEM FOR A REMOTE PHYSICAL DEVICE
[54] SYSTEME DE REINITIALISATION SELECTIVE POUR UN DISPOSITIF PHYSIQUE DISTANT
[72] GOENKA, ANAND KUMAR, IN
[72] JOTHILINGAM, VASUDEVAN, IN
[72] HUI, WEI HUNG, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2022-12-02
[86] 2021-06-03 (PCT/US2021/035681)
[87] (WO2021/247849)
[30] IN (202031023745) 2020-06-05
[30] US (63/056,338) 2020-07-24

Demandes PCT entrant en phase nationale

[21] 3,181,300

[13] A1

- [51] Int.Cl. A61K 47/55 (2017.01) A61K 47/64 (2017.01) A61P 1/16 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01)
 - [25] EN
 - [54] GLP1R AGONIST NMDAR ANTAGONIST CONJUGATES
 - [54] CONJUGUES D'ANTAGONISTE DE NMDAR AGONISTE DU GLP1R
 - [72] CLEMMENSEN, CHRISTOFFER, DK
 - [72] KLEIN, ANDERS BUE, DK
 - [72] PETERSEN, JONAS ODGAARD, DK
 - [72] FROLUND, BENTE FLENSBORG, DK
 - [72] STROMGAARD, KRISTIAN, DK
 - [71] KOBENHAVNS UNIVERSITET, DK
 - [85] 2022-12-02
 - [86] 2021-06-03 (PCT/EP2021/064930)
 - [87] (WO2021/245199)
 - [30] EP (20178057.4) 2020-06-03
-

[21] 3,181,301

[13] A1

- [51] Int.Cl. H03K 3/012 (2006.01)
- [25] EN
- [54] INVERTING OUTPUT DYNAMIC D-FLIP-FLOP
- [54] BASCULE D DYNAMIQUE DE SORTIE INVERSEUSE
- [72] TIAN, WENBO, CN
- [72] FAN, ZHIJUN, CN
- [72] GUO, HAIFENG, CN
- [72] YANG, ZUOXING, CN
- [71] SHENZHEN MICROBT ELECTRONICS TECHNOLOGY CO., LTD., CN
- [85] 2022-12-02
- [86] 2021-04-16 (PCT/CN2021/087622)
- [87] (WO2021/258824)
- [30] CN (202010575350.6) 2020-06-22

[21] 3,181,302

[13] A1

- [51] Int.Cl. C07D 209/88 (2006.01) C07D 307/91 (2006.01)
 - [25] EN
 - [54] RIGID CANNABIDIOL ANALOGUES AS POTENT MODULATORS OF CANNABINOID RECEPTORS AND USES THEREOF
 - [54] ANALOGUES DE CANNABIDIOL RIGIDE UTILISES EN TANT QUE MODULATEURS PUISSANTS DE RECEPTEURS CANNABINOÏDES ET LEURS UTILISATIONS
 - [72] MOUSTAFA, MAHMOUD MOHAMED ABDRABO, CA
 - [71] LONDON PHARMACEUTICALS AND RESEARCH CORPORATION, CA
 - [85] 2022-12-02
 - [86] 2021-06-04 (PCT/CA2021/050769)
 - [87] (WO2021/243467)
 - [30] US (63/035,017) 2020-06-05
-

[21] 3,181,304

[13] A1

- [51] Int.Cl. A61K 47/61 (2017.01) A61P 27/06 (2006.01) C08B 37/08 (2006.01)
 - [25] EN
 - [54] CANNABINOID-HYALURONIC ACID BIOCONJUGATES
 - [54] BIOCONJUGUES CANNABINOÏDE-ACIDE HYALURONIQUE
 - [72] LAWENDY, ABDEL-RAHMAN, CA
 - [72] ALASSUTTY, AHMED SAID, CA
 - [71] LONDON PHARMACEUTICALS AND RESEARCH CORPORATION, CA
 - [85] 2022-12-02
 - [86] 2021-06-04 (PCT/CA2021/050769)
 - [87] (WO2021/243467)
 - [30] US (63/035,017) 2020-06-05
-

[21] 3,181,306

[13] A1

- [51] Int.Cl. C07K 14/475 (2006.01)
 - [25] EN
 - [54] GROWTH FACTOR COMPOSITION FOR CELL CULTURE-PRODUCED MEAT
 - [54] COMPOSITION DE FACTEUR DE CROISSANCE POUR DE LA VIANDE PRODUITE PAR CULTURE CELLULAIRE
 - [72] ORVAR, BJORN LARUS, IS
 - [72] RUNARSDOTTIR, ARNA, IS
 - [72] BJORNSSON, JON MAR, IS
 - [72] VIDARSSON, HILMAR, IS
 - [71] ORF LIFTAEKNI HF., IS
 - [85] 2022-12-02
 - [86] 2021-06-07 (PCT/IS2021/050008)
 - [87] (WO2021/245711)
 - [30] IS (IS 050305) 2020-06-05
-

[21] 3,181,307

[13] A1

- [25] EN
- [54] PACKET PROCESSING METHOD, DEVICE, AND SYSTEM
- [54] PROCEDE, DISPOSITIF ET SYSTEME DE TRAITEMENT DE PAQUETS
- [72] PENG, SHUPING, CN
- [72] XIA, YANG, CN
- [71] HUAWEI TECHNOLOGIES CO., LTD., CN
- [85] 2022-12-02
- [86] 2021-05-15 (PCT/CN2021/093970)
- [87] (WO2021/244262)
- [30] CN (202010508115.7) 2020-06-05
- [30] CN (202010566025.3) 2020-06-19

PCT Applications Entering the National Phase

<p>[21] 3,181,308 [13] A1</p> <p>[51] Int.Cl. B65D 5/44 (2006.01) B65D 5/68 (2006.01)</p> <p>[25] EN</p> <p>[54] CARDBOARD SUPPORT ELEMENT</p> <p>[54] ELEMENT DE SUPPORT EN CARTON</p> <p>[72] HOEFT, PAULUS ANTONIUS AUGUSTINUS, BE</p> <p>[72] NG PAKLEUNG, CLARA SOPHIE LEA, BE</p> <p>[72] LEFLERE, JOOST PETER, BE</p> <p>[71] THE PROCTER & GAMBLE COMPANY, US</p> <p>[85] 2022-12-02</p> <p>[86] 2021-07-09 (PCT/US2021/040979)</p> <p>[87] (WO2022/011199)</p> <p>[30] EP (20185107.8) 2020-07-09</p>
--

<p>[21] 3,181,309 [13] A1</p> <p>[25] EN</p> <p>[54] A NETWORK MONITORING DEVICE, AND APPLICATIONS THEREOF</p> <p>[54] DISPOSITIF DE SURVEILLANCE DE RESEAU ET APPLICATIONS CORRESPONDANTES</p> <p>[72] WATSON, JOHN, US</p> <p>[72] ROOSENRAAD, CHRISTOPHER, US</p> <p>[72] KOFIRA, PETER P., US</p> <p>[72] SCHEPONIK, TRAVIS, US</p> <p>[72] EPPERT, AARON, US</p> <p>[71] CAPITAL ONE SERVICES, LLC, US</p> <p>[85] 2022-12-02</p> <p>[86] 2021-06-03 (PCT/US2021/035746)</p> <p>[87] (WO2021/247898)</p> <p>[30] US (16/891,871) 2020-06-03</p> <p>[30] US (16/891,879) 2020-06-03</p> <p>[30] US (16/891,883) 2020-06-03</p>
--

<p>[21] 3,181,310 [13] A1</p> <p>[51] Int.Cl. A61B 5/145 (2006.01) A61B 5/1473 (2006.01) G01N 33/66 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR DETERMINING AN ANALYTE CONCENTRATION IN A FLUID</p> <p>[54] PROCEDE DE DETERMINATION D'UNE CONCENTRATION EN ANALYTE DANS UN FLUIDE</p> <p>[72] FUERST, ANGELIKA, DE</p> <p>[72] HOCHMUTH, GERNOT, DE</p> <p>[72] SLIOZBERG, KIRILL, DE</p> <p>[72] STECK, ALEXANDER, DE</p> <p>[71] F. HOFFMANN-LA ROCHE AG, CH</p> <p>[85] 2022-12-02</p> <p>[86] 2021-07-12 (PCT/EP2021/069293)</p> <p>[87] (WO2022/013135)</p> <p>[30] EP (20185452.8) 2020-07-13</p>
--

<p>[21] 3,181,311 [13] A1</p> <p>[51] Int.Cl. B65D 83/20 (2006.01)</p> <p>[25] EN</p> <p>[54] AEROSOL ACTUATOR</p> <p>[54] ACTIONNEUR D'AEROSOL</p> <p>[72] FREUDENBERG, JOHN W., US</p> <p>[72] PESCHKE, JOSEPH G., US</p> <p>[72] MIERZWA, PAUL, US</p> <p>[72] STARZMAN, MICHAEL J., US</p> <p>[72] DAVIDSON, RYAN PAUL, US</p> <p>[72] HOWELL, CHRISTOPHER MICHAEL, US</p> <p>[71] WD-40 MANUFACTURING COMPANY, US</p> <p>[85] 2022-12-02</p> <p>[86] 2020-06-18 (PCT/US2020/038394)</p> <p>[87] (WO2021/257079)</p> <p>[30] US (16/904,892) 2020-06-18</p>

<p>[21] 3,181,312 [13] A1</p> <p>[51] Int.Cl. B32B 7/12 (2006.01) B32B 7/14 (2006.01) B32B 27/00 (2006.01) B32B 37/12 (2006.01) B65H 69/02 (2006.01)</p> <p>[25] EN</p> <p>[54] 3D EMBOSSING FILM</p> <p>[54] FILM GAUFRE 3D</p> <p>[72] BERMEJO, ETHEL, US</p> <p>[72] GAGNON, MARC, US</p> <p>[72] RAYMOND, JEFF, US</p> <p>[72] LAUZON, DENNIS, US</p> <p>[71] BIXBY INTERNATIONAL CORPORATION, US</p> <p>[85] 2022-12-02</p> <p>[86] 2021-06-09 (PCT/US2021/036573)</p> <p>[87] (WO2021/252600)</p> <p>[30] US (63/036,852) 2020-06-09</p> <p>[30] US (63/108,552) 2020-11-02</p>

<p>[21] 3,181,313 [13] A1</p> <p>[51] Int.Cl. A47C 20/00 (2006.01) A41C 1/10 (2006.01) A61F 5/56 (2006.01)</p> <p>[25] EN</p> <p>[54] POSITIONAL THERAPY MATERNITY BELT</p> <p>[54] CEINTURE DE MATERNITE POUR THERAPIE DE POSITION</p> <p>[72] KEMBER, ALLAN, CA</p> <p>[72] MOHAMMAD, NIEMA, CA</p> <p>[72] MOHINI, PAYAL, CA</p> <p>[72] WARLAND, JANE, AU</p> <p>[72] FENG, NINGSHEN, CA</p> <p>[71] SHIPRAH BIOMEDICAL INC., CA</p> <p>[85] 2022-12-02</p> <p>[86] 2021-06-09 (PCT/IB2021/000390)</p> <p>[87] (WO2021/250463)</p> <p>[30] US (63/038,209) 2020-06-12</p>

<p>[21] 3,181,314 [13] A1</p> <p>[51] Int.Cl. H04W 74/00 (2009.01) H04W 74/04 (2009.01) H04W 84/12 (2009.01)</p> <p>[25] EN</p> <p>[54] LINK SELECTION METHOD AND APPARATUS, AND COMPUTER-READABLE STORAGE MEDIUM</p> <p>[54] PROCEDE ET APPAREIL DE SELECTION DE LIAISON, ET SUPPORT DE STOCKAGE LISIBLE PAR ORDINATEUR</p> <p>[72] WANG, YUNGUI, CN</p> <p>[71] HUAWEI TECHNOLOGIES CO., LTD., CN</p> <p>[85] 2022-12-02</p> <p>[86] 2021-05-31 (PCT/CN2021/097435)</p> <p>[87] (WO2021/244490)</p> <p>[30] CN (202010505315.7) 2020-06-05</p>
--

Demandes PCT entrant en phase nationale

[21] 3,181,315 [13] A1
[51] Int.Cl. A01N 25/00 (2006.01) A01N 63/22 (2020.01) A01N 25/04 (2006.01) A01N 25/24 (2006.01) A01N 59/16 (2006.01) A01P 21/00 (2006.01) C05D 9/02 (2006.01) C05F 11/08 (2006.01) C05G 1/00 (2006.01) C05G 3/00 (2020.01)
[25] EN
[54] AGRONOMIC COMPOSITION AND ITS USES
[54] COMPOSITION AGRONOMIQUE ET SES UTILISATIONS
[72] HOLZFUSS, CONSTANZE, DE
[72] KOHL, CHRISTOPH, DE
[71] KWS SAAT SE & CO. KGAA, DE
[85] 2022-12-02
[86] 2021-06-15 (PCT/EP2021/066123)
[87] (WO2021/255033)
[30] US (63/038,963) 2020-06-15
[30] DE (20 2020 103 414.6) 2020-06-15

[21] 3,181,316
[13] A1

[51] Int.Cl. B01J 8/04 (2006.01)
[25] EN
[54] MULTI-BED CATALYTIC REACTOR
[54] REACTEUR CATALYTIQUE A LITS MULTIPLES
[72] RIZZI, ENRICO, IT
[72] MASANTI, MATTEO, IT
[71] CASALE SA, CH
[85] 2022-12-02
[86] 2021-06-22 (PCT/EP2021/066994)
[87] (WO2021/259929)
[30] EP (20182163.4) 2020-06-25

[21] 3,181,317
[13] A1

[51] Int.Cl. A61K 33/40 (2006.01) A61P 35/00 (2006.01) C01B 15/12 (2006.01) C12N 15/63 (2006.01)
[25] EN
[54] ANTI-CANCER ACTIVITY OF PERBORATE SALTS
[54] ACTIVITE ANTICANCERÉUSE DE SELS DE PERBORATE
[72] DALAN, ALTAY BURAK, CA
[72] SAHIN, FIKRETTIN, TR
[72] CEBEKI, EMRE, TR
[72] BAYRAK, OMER FARUK, TR
[71] ALIYA PHARMACEUTICALS INC., CA
[85] 2022-12-02
[86] 2021-07-07 (PCT/CA2021/050932)
[87] (3181317)
[30] CA (PCT/CA2020/050950) 2020-07-09

[21] 3,181,318 [13] A1
[51] Int.Cl. A45D 19/02 (2006.01) A45D 24/28 (2006.01)
[25] EN
[54] APPLICATION OF HAIR-COLORING COMPOSITIONS
[54] APPLICATION DE COMPOSITIONS DE COLORATION DES CHEVEUX
[72] ATTAL, YVES, IL
[72] HUMASH, DAVID, IL
[71] APPLIMIND LTD., IL
[85] 2022-12-02
[86] 2021-06-07 (PCT/IB2021/054962)
[87] (WO2021/250536)
[30] US (63/036,109) 2020-06-08

[21] 3,181,319 [13] A1
[51] Int.Cl. B01J 8/04 (2006.01)
[25] EN
[54] MULTI-BED AMMONIA CONVERTER
[54] CONVERTISSEUR D'AMMONIAC A LITS MULTIPLES
[72] RIZZI, ENRICO, IT
[72] MASANTI, MATTEO, IT
[71] CASALE S.A., CH
[85] 2022-12-02
[86] 2021-06-22 (PCT/EP2021/066996)
[87] (WO2021/259930)
[30] EP (20182172.5) 2020-06-25

[21] 3,181,320 [13] A1
[51] Int.Cl. C10G 7/06 (2006.01)
[25] EN
[54] HYDROCARBON STREAM SEPARATION SYSTEM AND METHOD
[54] PROCEDE ET SYSTEME DE SEPARATION DE COURANT D'HYDROCARBURE
[72] LOCKE, GARY, CA
[72] BROST, EDWARD, CA
[71] CARBOVATE DEVELOPMENT CORP., CA
[85] 2022-12-02
[86] 2021-08-06 (PCT/IB2021/000519)
[87] (WO2022/029487)
[30] US (63/063,010) 2020-08-07

[21] 3,181,401 [13] A1
[51] Int.Cl. F03D 3/04 (2006.01) F03D 9/34 (2016.01)
[25] EN
[54] WIND DIRECTION SYSTEM
[54] SYSTEME D'ORIENTATION DU VENT
[72] BOEING, ERIKA, US
[71] ACCELERATE WIND LLC, US
[85] 2022-12-05
[86] 2021-06-05 (PCT/US2021/036056)
[87] (WO2021/248103)
[30] US (63/035,366) 2020-06-05

[21] 3,181,429 [13] A1
[51] Int.Cl. B31F 1/00 (2006.01) B65D 81/03 (2006.01)
[25] EN
[54] AN EMBOSSED WRAPPING MATERIAL
[54] MATERIAU D'EMBALLAGE GAUFRE
[72] DEIS, PAUL, FR
[72] SLOVENCIK, JEAN-MARC, DE
[71] STOROPACK HANS REICHENECKER GMBH, DE
[85] 2022-12-05
[86] 2021-02-19 (PCT/EP2021/054167)
[87] (WO2022/012784)
[30] EP (20 186 026.9) 2020-07-15

[21] 3,181,430 [13] A1
[51] Int.Cl. H01M 8/18 (2006.01)
[25] EN
[54] REDOX-FLOW BATTERY AND OPERATING METHOD
[54] BATTERIE A FLUX REDOX ET PROCEDE DE FONCTIONNEMENT
[72] KRUGER, KLAUS, DE
[72] LUTH, THOMAS, DE
[71] CIPO, CA
[71] VOITH PATENT GMBH, DE
[85] 2022-12-05
[86] 2021-05-28 (PCT/EP2021/064331)
[87] (WO2021/249789)
[30] DE (10 2020 115 385.6) 2020-06-10

PCT Applications Entering the National Phase

[21] 3,181,431
[13] A1

[51] Int.Cl. A61K 39/12 (2006.01) A61P 31/14 (2006.01)
[25] EN
[54] A RECOMBINANT MODIFIED VACCINIA VIRUS ANKARA (MVA) VACCINE AGAINST CORONAVIRUS DISEASE
[54] VACCIN A BASE DU VIRUS DE LA VACCINE ANKARA MODIFIE (MVA) RECOMBINANT CONTRE UNE MALADIE A CORONAVIRUS
[72] HAUSMANN, JURGEN, DE
[72] STEIGERWALD, ROBIN, DE
[72] HABJAN, MATTHIAS, DE
[72] MEDINA ECHEVERZ, JOSE, DE
[72] RAMBICHLER, STEPHAN, DE
[71] BAVARIAN NORCIG A/S, DK
[85] 2022-12-05
[86] 2021-06-10 (PCT/EP2021/065726)
[87] (WO2021/250219)
[30] EP (20179347.8) 2020-06-10

[21] 3,181,437
[13] A1

[51] Int.Cl. B01J 23/44 (2006.01) C23C 16/18 (2006.01) C23C 16/44 (2006.01) C23C 16/455 (2006.01)
[25] EN
[54] ACTIVATED CARBON MODIFIED BY ATOMIC LAYER DEPOSITION AND METHODS THEREOF
[54] CHARBON ACTIF MODIFIE PAR DEPOT DE COUCHES ATOMIQUES ET PROCEDES ASSOCIES
[72] PEPIN, PAUL, US
[72] ETHRIDGE, KIRBY, US
[72] THOMSON, CAMERON, US
[72] HOLBROOK, BILLY-PAUL, US
[71] INGEVITY SOUTH CAROLINA, LLC, US
[85] 2022-12-05
[86] 2021-06-04 (PCT/US2021/036004)
[87] (WO2021/248069)
[30] US (63/035,224) 2020-06-05

[21] 3,181,438
[13] A1

[51] Int.Cl. F03D 7/02 (2006.01) F03D 80/40 (2016.01)
[25] EN
[54] DEVICE FOR IDENTIFYING AN ACCUMULATION OF ICE ON ROTOR BLADES OF A WIND TURBINE AND METHOD FOR TEACHING SUCH A DEVICE
[54] DISPOSITIF D'IDENTIFICATION D'UNE ACCUMULATION DE GLACE SUR DES PALES DE ROTOR D'UNE EOLIENNE ET PROCEDE D'ENTRAINEMENT D'UN TEL DISPOSITIF
[72] BRENNER, DANIEL, DE
[72] KUHNERT, CHRISTIAN, DE
[72] REIMANN, STEFAN, DE
[71] WEIDMULLER MONITORING SYSTEMS GMBH, DE
[85] 2022-12-05
[86] 2021-07-07 (PCT/EP2021/068799)
[87] (WO2022/013032)
[30] DE (10 2020 118 646.0) 2020-07-15

[21] 3,181,442
[13] A1

[51] Int.Cl. H04L 1/00 (2006.01)
[25] EN
[54] METHOD OF REPORTING RECEIVED SIGNAL STRENGTH ON PER FRAME BASIS IN WI-FI NETWORK
[54] PROCEDE DE RAPPORT D'INTENSITE DE SIGNAL RECU PAR TRAME DANS UN RESEAU WI-FI
[72] LUMBATIS, KURT ALAN, US
[72] HAMILTON, MARK, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2022-12-05
[86] 2021-06-08 (PCT/US2021/036371)
[87] (WO2021/252472)
[30] US (63/036,230) 2020-06-08
[30] US (63/059,637) 2020-07-31

[21] 3,181,448
[13] A1

[51] Int.Cl. H02G 1/04 (2006.01)
[25] EN
[54] HUBLESS SHEAVE
[54] POULIE SANS MOYEU
[72] HOLLIS, HARBY CARTER, US
[72] MORTON, JOHN JEREMIAH, US
[72] MACDONALD, DOUGLAS BRUCE, US
[72] TRAN, TONI CORINNE, US
[71] SHERMAN + REILLY, INC., US
[85] 2022-12-05
[86] 2021-06-25 (PCT/US2021/039114)
[87] (WO2021/263118)
[30] US (63/043,881) 2020-06-25

[21] 3,181,450
[13] A1

[51] Int.Cl. A47J 37/06 (2006.01) A47J 37/07 (2006.01)
[25] EN
[54] SLIDABLE WASTE MANAGEMENT SYSTEMS FOR COOKBOXES OF GRILLS
[54] SYSTEMES COULISSANTS DE GESTION DES DECHETS POUR BOITES DE CUISSON DE GRILS
[72] MASEK, DOUGLAS W., US
[72] KECLIK, JAMES, US
[72] GRAEF, MICHAEL A., US
[72] MATHEWS, BRIAN, US
[72] MELLAS, NATHAN, US
[72] IORIATTI, NATHAN, US
[72] NANOS JR., NICHOLAS M., US
[71] WEBER-STEVEN PRODUCTS LLC, US
[85] 2022-12-05
[86] 2021-10-08 (PCT/US2021/054235)
[87] (WO2022/119641)
[30] US (63/120,537) 2020-12-02
[30] US (63/203,969) 2021-08-05
[30] US (17/472,295) 2021-09-10

Demandes PCT entrant en phase nationale

[21] 3,181,452

[13] A1

- [51] Int.Cl. A47J 37/06 (2006.01) A47J
37/07 (2006.01)
[25] EN
[54] INSET FRAMES FOR
SUPPORTING COOKING
ACCESSORIES IN COOKBOXES
OF GRILLS
[54] CADRES ENCASTRES POUR
SUPPORTER DES ACCESSOIRES
DE CUISSON DANS DES
COMPARTIMENTS DE CUISSON
DE GRILS
[72] DONNELLY, BRIAN C., US
[72] CERNY, SHANNON ELLA, US
[72] HYDE, CHRISTIAN, US
[72] MCVEY, CASSANDRA A.S., US
[72] MECKER, WILLIAM ALEXANDER,
US
[72] STOHL, MICHELLE, US
[71] WEBER-STEPHEN PRODUCTS LLC,
US
[85] 2022-12-05
[86] 2021-10-12 (PCT/US2021/054537)
[87] (WO2022/119648)
[30] US (63/120,539) 2020-12-02
[30] US (63/213,508) 2021-06-22
[30] US (17/472,320) 2021-09-10
-

[21] 3,181,457

[13] A1

- [51] Int.Cl. H04L 1/00 (2006.01)
[25] EN
[54] METHOD OF REPORTING
RECEIVED SIGNAL STRENGTH
ON PER FRAME BASIS IN WI-FI
NETWORK
[54] PROCEDE DE RAPPORT
D'INTENSITE DE SIGNAL RECU
PAR TRAME DANS UN RESEAU
WI-FI
[72] LUMBATIS, KURT ALAN, US
[72] HAMILTON, MARK, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2022-12-05
[86] 2021-06-08 (PCT/US2021/036373)
[87] (WO2021/252473)
[30] US (63/036,230) 2020-06-08
[30] US (63/059,637) 2020-07-31
-

[21] 3,181,458

[13] A1

- [51] Int.Cl. B65G 1/04 (2006.01)
[25] EN
[54] CONTAINER HANDLING
VEHICLE ELEVATOR
[54] DISPOSITIF ELEVATEUR POUR
VEHICULE DE MANUTENTION
DE CONTENEURS
[72] AUSTRHEIM, TROND, NO
[72] HEGGEBO, JORGEN DJUVE, NO
[71] AUTOSTORE TECHNOLOGY AS,
NO
[85] 2022-12-05
[86] 2021-06-18 (PCT/EP2021/066579)
[87] (WO2021/255235)
[30] NO (20200722) 2020-06-19
-

[21] 3,181,460

[13] A1

- [51] Int.Cl. C03C 25/34 (2006.01) D04H
1/4209 (2012.01) D04H 1/4218
(2012.01) C09J 161/34 (2006.01)
D04H 1/64 (2012.01) C08G 8/10
(2006.01) C08G 14/06 (2006.01)
[25] FR
[54] AROMATIC POLYOL-
STABILIZED RESOL RESIN
[54] RESINE RESOL STABILISEE PAR
UN POLYOL AROMATIQUE
[72] LEGRAND, AURELIE, FR
[72] OBERT, EDOUARD, FR
[71] SAINT-GOBAIN ISOVER, FR
[85] 2022-12-05
[86] 2021-06-29 (PCT/FR2021/051191)
[87] (WO2022/003289)
[30] FR (FR2006774) 2020-06-29
-

[21] 3,181,461

[13] A1

- [51] Int.Cl. A61K 9/08 (2006.01) A61K
31/454 (2006.01) A61K 47/12
(2006.01)
[25] EN
[54] STABLE FORMULATION OF
EFINACONAZOLE
[54] FORMULATION STABLE
D'EFINACONAZOLE
[72] VIDALIS, MATTHAIOS, MT
[71] THE MATERIA COMPANY
LIMITED, MT
[85] 2022-12-05
[86] 2021-06-03 (PCT/EP2021/064943)
[87] (WO2021/245204)
[30] MT (4428) 2020-06-03
-

[21] 3,181,463

[13] A1

- [51] Int.Cl. A01H 5/08 (2018.01) A01H
6/82 (2018.01) C12Q 1/6895 (2018.01)
[25] EN
[54] CAPSICUM ANNUUM PLANTS
HAVING IMPROVED THRIPS
RESISTANCE
[54] PLANTES CAPSICUM ANNUUM
AYANT UNE RESISTANCE AUX
THRIPS AMELIOREE
[72] RICCARDI, PAOLO, IT
[72] DAVILA OLIVAS, NELSON, NL
[72] GISBERTS, LOUIS, NL
[72] REGGIANI, ALBERTO, IT
[71] NUNHEMS BV, NL
[85] 2022-12-05
[86] 2021-06-01 (PCT/EP2021/064664)
[87] (WO2021/249826)
[30] EP (20179345.2) 2020-06-10
-

[21] 3,181,464

[13] A1

- [51] Int.Cl. A24B 13/00 (2006.01) A61K
31/465 (2006.01)
[25] EN
[54] NON-TOBACCO ORAL NICOTINE
POUCH COMPOSITION
[54] COMPOSITION EN SACHET DE
NICOTINE SANS TABAC
DESTINEE A ETRE
ADMINISTREE PAR VOIE ORALE
[72] BRUUN, HEIDI ZIEGLER, DK
[72] JAKOBSEN, BINE HARE, DK
[72] STAHL, MY LY LAO, DK
[71] PHILIP MORRIS PRODUCTS S.A.,
CH
[85] 2022-12-05
[86] 2020-11-16 (PCT/DK2020/050311)
[87] (WO2021/244714)
[30] DK (PCT/DK2020/050159) 2020-06-05
[30] DK (PCT/DK2020/050162) 2020-06-05
[30] DK (PCT/DK2020/050163) 2020-06-05

PCT Applications Entering the National Phase

[21] 3,181,469

[13] A1

[51] Int.Cl. G01N 33/569 (2006.01)

[25] EN

[54] SOLUBLE TREM-1 AS A MARKER OF SEVERITY OR COMPLICATIONS FOR A SUBJECT SUFFERING FROM A CORONAVIRUS INFECTION
[54] TREM-1 SOLUBLE UTILISE COMME MARQUEUR DE GRAVITE OU DE COMPLICATIONS POUR UN SUJET SOUFFRANT D'UNE INFECTATION A CORONAVIRUS

[72] GARAUD, JEAN-JACQUES, FR

[72] DERIVE, MARC, FR

[72] SALCEDO-MAGGUILLI, MARGARITA, FR

[72] JOLLY, LUCIE, FR

[72] GIBOT, SEBASTIEN, FR

[72] MOULIN, DAVID, FR

[72] NETEA, MIHAI, NL

[72] DE NOOIJER, ALINE, NL

[71] INOTREM, FR

[71] CENTRE HOSPITALIER REGIONAL UNIVERSITAIRE DE NANCY, FR

[71] UNIVERSITE DE LORRAINE, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR

[71] STICHTING RADBOUD UNIVERSITAIR MEDISCH CENTRUM, NL

[85] 2022-12-05

[86] 2021-06-07 (PCT/EP2021/065196)

[87] (WO2021/245293)

[30] EP (20305604.9) 2020-06-05

[30] EP (21160546.4) 2021-03-03

[21] 3,181,471

[13] A1

[51] Int.Cl. C08K 3/04 (2006.01) C08K 5/23 (2006.01)

[25] EN

[54] THERMOPLASTIC MOULDING COMPOSITION WITH IMPROVED WEATHERING RESISTANCE

[54] COMPOSITION DE MOULAGE THERMOPLASTIQUE PRESENTANT UNE RESISTANCE AUX INTEMPERIES AMELIOREE

[72] GOLCHERT, URSULA, DE

[72] NAU, STEFAN, DE

[72] BECKER, ERNST, DE

[71] ROHM GMBH, DE

[85] 2022-12-05

[86] 2021-06-09 (PCT/EP2021/065386)

[87] (WO2021/250053)

[30] EP (20179124.1) 2020-06-10

[21] 3,181,474

[13] A1

[51] Int.Cl. A21D 13/24 (2017.01) A21D 13/28 (2017.01)

[25] EN

[54] A FOOD GLAZE COATING COMPOSITION

[54] COMPOSITION D'ENROBAGE AVEC UN GLACAGE ALIMENTAIRE

[72] NAGHSINEH, MAHSA, IE

[72] KOZYR, OLEKSANDR, IE

[72] HANBIDGE, ALICE, IE

[72] MCLOUGHLIN, SEAMUS, IE

[72] GOODE, DECLAN, IE

[72] DOYLE, LIAM, IE

[71] KERRY GROUP SERVICES INTERNATIONAL LIMITED, IE

[85] 2022-12-05

[86] 2021-06-04 (PCT/EP2021/064997)

[87] (WO2021/245229)

[30] EP (20178619.1) 2020-06-05

[21] 3,181,477

[13] A1

[51] Int.Cl. A61F 13/02 (2006.01)

[25] EN

[54] A DRESSING COMPRISING A FIRST AND A SECOND RELEASE LINER

[54] PANSEMENT COMPRENANT UNE PREMIERE ET UNE SECONDE DOUBLURE DETACHABLE

[72] JOHANNISON, ULF, SE

[72] SUNDEBACK, TOMMY, SE

[72] VALHAM, DAVID, SE

[72] WESTERBERG, TINA, SE

[72] JACOBSSON, LENA, SE

[71] MOLNLYCKE HEALTH CARE AB, SE

[85] 2022-12-05

[86] 2021-06-29 (PCT/EP2021/067826)

[87] (WO2022/002924)

[30] EP (20183679.8) 2020-07-02

[21] 3,181,478

[13] A1

[25] EN

[54] METHOD, APPARATUS, AND COMPUTER-READABLE MEDIUM FOR CONFEDERATED RIGHTS AND HIERARCHICAL KEY MANAGEMENT

[54] PROCEDE, APPAREIL ET SUPPORT LISIBLE PAR ORDINATEUR POUR LA GESTION DE DROITS CONFEDERES ET DE HIERARCHIE DE CLES

[72] DONEY, GEORGE, US

[71] SECURRENCY, INC., US

[85] 2022-12-05

[86] 2021-06-10 (PCT/US2021/036826)

[87] (WO2021/252773)

[30] US (63/037,034) 2020-06-10

[21] 3,181,479

[13] A1

[51] Int.Cl. A61F 9/06 (2006.01)

[25] EN

[54] VOLTAIC ARC PROCESSING APPARATUS AND METHOD

[54] APPAREIL ET PROCEDE DE TRAITEMENT D'ARC VOLTAIQUE

[72] D'AQUINO, MARIO, IT

[72] D'AQUINO, GIANLUCA, IT

[71] EPS.SYSTEMS SRL, IT

[85] 2022-12-05

[86] 2021-06-04 (PCT/IB2021/054898)

[87] (WO2021/245609)

[30] IT (102020000013351) 2020-06-05

Demandes PCT entrant en phase nationale

[21] **3,181,480**

[13] A1

- [51] Int.Cl. H04W 88/10 (2009.01)
 - [25] EN
 - [54] **MULTIBAND SWITCHING WI-FI RADIO**
 - [54] **RADIO WI-FI A COMMUTATION MULTIBANDE**
 - [72] WHEELOCK, IAN, IE
 - [71] ARRIS ENTERPRISES LLC, US
 - [85] 2022-12-05
 - [86] 2021-06-03 (PCT/US2021/035647)
 - [87] (WO2021/252260)
 - [30] US (63/038,259) 2020-06-12
-

[21] **3,181,483**

[13] A1

- [51] Int.Cl. A24F 40/465 (2020.01)
 - [25] EN
 - [54] **A CARTRIDGE FOR A VAPOUR GENERATING DEVICE**
 - [54] **CARTOUCHE POUR UN DISPOSITIF DE GENERATION DE VAPEUR**
 - [72] WILLIAMSON, SIMEON, CH
 - [72] ROGAN, ANDREW ROBERT JOHN, GB
 - [71] JT INTERNATIONAL SA, CH
 - [85] 2022-12-05
 - [86] 2021-06-07 (PCT/EP2021/065121)
 - [87] (WO2021/249912)
 - [30] EP (20179352.8) 2020-06-10
-

[21] **3,181,484**

[13] A1

- [51] Int.Cl. B60T 1/10 (2006.01) B60T 13/68 (2006.01) B62D 65/12 (2006.01)
- [25] EN
- [54] **BRAKE SYSTEMS INTEGRATED INTO VEHICLE CORNER MODULES, AND METHODS OF USE THEREOF**
- [54] **SYSTEMES DE FREINAGE INTEGRES DANS DES MODULES DE COIN DE VEHICULE ET LEURS PROCEDES D'UTILISATION**
- [72] ORLOV, HANAN, IL
- [72] SARDES, AHISHAY, IL
- [72] SEGEV, TOMER, IL
- [72] DORON, NETA, IL
- [72] CHIOCLEA, SHMUEL, IL
- [71] REE AUTOMOTIVE LTD., IL
- [85] 2022-12-05
- [86] 2021-06-24 (PCT/IB2021/055635)
- [87] (WO2021/260633)
- [30] US (63/043,150) 2020-06-24

[21] **3,181,485**

[13] A1

- [51] Int.Cl. G06T 3/40 (2006.01)
 - [25] EN
 - [54] **SYSTEMS AND METHODS FOR RECONSTRUCTING OBJECTS USING TRANSITIONAL IMAGES**
 - [54] **SYSTEMES ET PROCEDES DE RECONSTRUCTION D'OBJETS A L'AIDE D'IMAGES TRANSITOIRE**
 - [72] KOHLER, RACHEL, US
 - [71] BNSF RAILWAY COMPANY, US
 - [85] 2022-12-05
 - [86] 2021-05-12 (PCT/US2021/031892)
 - [87] (WO2022/005622)
 - [30] US (16/917,590) 2020-06-30
-

[21] **3,181,486**

[13] A1

- [51] Int.Cl. G16H 30/40 (2018.01)
- [25] EN
- [54] **SYSTEM AND METHODS FOR ENHANCED AUTOMATED ENDOSCOPY PROCEDURE WORKFLOW**
- [54] **SYSTEME ET PROCEDES POUR UN FLUX DE TRAVAIL DE PROCEDURE D'ENDOSCOPIE AUTOMATISEE AMELIOREE**
- [72] NINH, ANDREW, US
- [72] CROSBY, PETER, US
- [72] KARNES, WILLIAM E., US
- [72] RAEL, EFREN, US
- [72] CIFARELLI, JOHN, US
- [71] SATISFAI HEALTH INC., CA
- [85] 2022-12-05
- [86] 2021-06-08 (PCT/US2021/036476)
- [87] (WO2021/252536)
- [30] US (16/897,114) 2020-06-09

[21] **3,181,487**

[13] A1

- [51] Int.Cl. B32B 5/02 (2006.01) C03C 25/1095 (2018.01) C03C 25/30 (2018.01) C09D 127/00 (2006.01) D06M 15/244 (2006.01) D06N 3/04 (2006.01) D06N 3/06 (2006.01) D06N 5/00 (2006.01) E04B 1/76 (2006.01) E04B 1/88 (2006.01) E04B 1/94 (2006.01) E04D 13/17 (2006.01)
 - [25] EN
 - [54] **PARTIALLY OR FULLY NON-COMBUSTIBLE AND VAPOUR PERMEABLE PLIABLE BUILDING MEMBRANE AND ASSOCIATED METHODS**
 - [54] **MEMBRANE DE CONSTRUCTION PLIABLE PARTIELLEMENT OU TOTALEMENT NON COMBUSTIBLE ET PERMEABLE A LA VAPEUR ET PROCEDES ASSOCIES**
 - [72] LUMSDEN, CRAIG, AU
 - [72] OSCAR, ARCHER, AU
 - [72] JIN, TONY, AU
 - [72] BOSTROM, MICHEL, AU
 - [71] AMETALIN IP PTE LTD, SG
 - [85] 2022-12-05
 - [86] 2021-06-01 (PCT/AU2021/050537)
 - [87] (WO2021/248177)
 - [30] AU (2020901890) 2020-06-09
-

[21] **3,181,491**

[13] A1

- [51] Int.Cl. B65G 1/04 (2006.01) B65G 1/137 (2006.01) B65G 29/00 (2006.01) B65G 65/23 (2006.01)
- [25] EN
- [54] **ACCESS STATION**
- [54] **STATION D'ACCES**
- [72] SKALERUD, AMUND, NO
- [71] AUTOSTORE TECHNOLOGY AS, NO
- [85] 2022-12-05
- [86] 2021-06-09 (PCT/EP2021/065513)
- [87] (WO2021/259644)
- [30] NO (20200738) 2020-06-24

PCT Applications Entering the National Phase

[21] 3,181,494

[13] A1

- [51] Int.Cl. A24D 1/20 (2020.01) A24F 40/20 (2020.01) A24F 40/465 (2020.01) H05B 6/10 (2006.01)
 [25] EN
 [54] SUSCEPTOR ASSEMBLY COMPRISING ONE OR MORE COMPOSITE SUSCEPTOR PARTICLES
 [54] ENSEMBLE SUSCEPTEUR COMPRENANT UNE OU PLUSIEURS PARTICULES DE SUSCEPTEUR COMPOSITE
 [72] MIRONOV, OLEG, CH
 [71] PHILIP MORRIS PRODUCTS S.A., CH
 [85] 2022-12-05
 [86] 2021-06-03 (PCT/EP2021/064912)
 [87] (WO2021/245190)
 [30] EP (20178515.1) 2020-06-05
-

[21] 3,181,496

[13] A1

- [51] Int.Cl. B65G 1/04 (2006.01)
 [25] EN
 [54] AUTOMATED STORAGE AND RETRIEVAL SYSTEM FOR STORING FRESH FOOD AND PRODUCE
 [54] SYSTEME DE STOCKAGE ET DE RECUPERATION AUTOMATISE POUR STOCKER DES ALIMENTS ET PRODUITS FRAIS
 [72] MAHLE, OLE ALEXANDER, NO
 [71] AUTOSTORE TECHNOLOGY AS, NO
 [85] 2022-12-05
 [86] 2021-06-18 (PCT/EP2021/066627)
 [87] (WO2021/259796)
 [30] NO (20200756) 2020-06-26

[21] 3,181,498

[13] A1

- [51] Int.Cl. G06F 21/62 (2013.01) G06F 21/60 (2013.01)
 [25] EN
 [54] SYSTEMS AND METHODS FOR TOKENIZATION OF PERSONALLY IDENTIFIABLE INFORMATION (PII) AND PERSONAL HEALTH INFORMATION (PHI)
 [54] SYSTEMES ET PROCEDES DE SEGMENTATION D'INFORMATIONS PERSONNELLEMENT IDENTIFIABLES (PII) ET D'INFORMATIONS PERSONNELLES DE SANTE (PHI)
 [72] WATKINS, TIM M., US
 [71] MASTERCARD INTERNANTIONAL INCORPORATED, US
 [85] 2022-12-05
 [86] 2021-05-27 (PCT/US2021/034508)
 [87] (WO2022/020009)
 [30] US (16/936,158) 2020-07-22
-

[21] 3,181,499

[13] A1

- [51] Int.Cl. B66F 9/075 (2006.01) B66F 17/00 (2006.01)
 [25] EN
 [54] VERTICAL VIEWING WINDOWS IN A MATERIALS HANDLING VEHICLE
 [54] FENETRES D'INSPECTION VERTICALES DANS UN VEHICULE DE MANUTENTION
 [72] OTTO, MATTHEW J., US
 [72] RUPPERT, ADAM M., US
 [71] CROWN EQUIPMENT CORPORATION, US
 [85] 2022-12-05
 [86] 2021-06-03 (PCT/US2021/035589)
 [87] (WO2021/247793)
 [30] US (63/035,328) 2020-06-05
 [30] US (63/142,547) 2021-01-28
 [30] US (63/142,531) 2021-01-28
-

[21] 3,181,500

[13] A1

- [51] Int.Cl. B23D 57/00 (2006.01) B26D 7/08 (2006.01)
 [25] EN
 [54] BAND SAW BLADE WITH IMPROVED BACK EDGE
 [54] LAME DE SCIE A RUBAN A BORD ARRIERE AMELIORE
 [72] RAKURTY, CHANDRA SEKHAR, US
 [72] KIRWIN, ROAN, US
 [71] THE M.K. MORSE COMPANY, US
 [85] 2022-12-05
 [86] 2021-06-07 (PCT/US2021/036185)
 [87] (WO2021/248123)
 [30] US (63/035,084) 2020-06-05
-

[21] 3,181,502

[13] A1

- [51] Int.Cl. A61K 31/70 (2006.01) C12N 15/113 (2010.01) C12N 15/117 (2010.01) A61K 31/713 (2006.01) C12N 15/11 (2006.01)
 [25] EN
 [54] COMPOSITIONS AND METHODS FOR TREATING LONG COVID
 [54] COMPOSITIONS ET PROCEDES DE TRAITEMENT DE LA COVID LONGUE
 [72] EQUELS, THOMAS K., US
 [72] STRAYER, DAVID R., US
 [72] YOUNG, DIANE L., US
 [71] AIM IMMUNOTECH INC., US
 [85] 2022-12-05
 [86] 2021-06-07 (PCT/US2021/036235)
 [87] (WO2021/248134)
 [30] US (63/035,681) 2020-06-05
 [30] US (63/125,195) 2020-12-14

Demandes PCT entrant en phase nationale

[21] 3,181,503
[13] A1

- [51] Int.Cl. B66F 9/075 (2006.01) B66F 9/20 (2006.01)
- [25] EN
- [54] OPERATOR CONTROL SYSTEM FOR A MATERIALS HANDLING VEHICLE
- [54] SYSTEME DE COMMANDE D'OPERATEUR POUR UN VEHICULE DE MANUTENTION DE MATERIAUX
- [72] REKOW, CRAIG, US
- [72] HINDERS, JOHN, US
- [72] OTTO, MATTHEW J., US
- [72] STEINBRUNNER, COLE T., US
- [72] RUPPERT, ADAM M., US
- [71] CROWN EQUIPMENT CORPORATION, US
- [85] 2022-12-05
- [86] 2021-06-03 (PCT/US2021/035578)
- [87] (WO2021/247787)
- [30] US (63/035,328) 2020-06-05
- [30] US (63/142,531) 2021-01-28
- [30] US (63/142,547) 2021-01-28

[21] 3,181,505
[13] A1

- [51] Int.Cl. F03G 3/08 (2006.01) F16C 32/04 (2006.01) H02K 7/02 (2006.01) H02K 7/09 (2006.01)
- [25] EN
- [54] HTS BEARING AND FLYWHEEL SYSTEMS AND METHODS
- [54] SYSTEMES ET PROCEDES DE PALIER DE CRIBLAGE HAUT DEBIT ET DE VOLANT D'INERTIE
- [72] JAWDAT, BENMAAN I., US
- [71] REVTERRA CORPORATION, US
- [85] 2022-12-05
- [86] 2021-06-15 (PCT/US2021/037517)
- [87] (WO2021/257629)
- [30] US (63/039,454) 2020-06-15
- [30] US (17/348,716) 2021-06-15

[21] 3,181,508
[13] A1

- [51] Int.Cl. B07C 5/02 (2006.01) B07C 5/342 (2006.01)
- [25] EN
- [54] GRAIN SORTING PROCESS
- [54] PROCESSUS DE TRI DE GRAINS
- [72] ZSOLDOS, PETER, GB
- [72] CALUSIC, IVAN, HR
- [71] MINCH MALT LIMITED, IE
- [85] 2022-12-05
- [86] 2021-06-08 (PCT/EP2021/065359)
- [87] (WO2021/250041)
- [30] GB (2008617.9) 2020-06-08

[21] 3,181,510
[13] A1

- [51] Int.Cl. A61B 5/1455 (2006.01) G01J 3/02 (2006.01) G01N 21/27 (2006.01)
- [25] EN
- [54] METHOD AND ANALYZER TO CORRECT FOR UNKNOWN INTERFERENCES IN A PATIENT BLOOD SAMPLE
- [54] PROCEDE ET ANALYSEUR POUR CORRIGER DES INTERFERENCES INCONNUES DANS L'ECHANTILLON SANGUIN D'UN PATIENT
- [72] JASPERSE, JEFFREY R., US
- [71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
- [85] 2022-12-05
- [86] 2021-06-09 (PCT/US2021/036515)
- [87] (WO2021/252564)
- [30] US (63/037,767) 2020-06-11

[21] 3,181,519
[13] A1

- [51] Int.Cl. A24F 40/42 (2020.01)
- [25] EN
- [54] PORTABLE VAPORIZER DEVICE WITH MULTIPLE CARTRIDGE CAPABILITY
- [54] DISPOSITIF VAPORISATEUR PORTATIF A CAPACITE DE CARTOUCHE MULTIPLE
- [72] GAWDIAK-SMYTH, TAIGH, CA
- [72] DE SA, JOSE, CA
- [71] BLENDS CREATIVE INC., CA
- [85] 2022-12-05
- [86] 2021-06-04 (PCT/CA2021/050772)
- [87] (WO2021/243469)
- [30] US (63/034,638) 2020-06-04

[21] 3,181,562
[13] A1

- [51] Int.Cl. A61L 31/18 (2006.01)
- [25] EN
- [54] EMBOLIC COMPOSITIONS AND METHODS
- [54] COMPOSITIONS EMBOLIQUES ET PROCEDES
- [72] GROOM, JEFFREY, US
- [72] WILTSEY, CRAIG, US
- [72] PHAM, QUYNH, US
- [72] MANSUKHANI, NIKHITA, US
- [72] GUERTIN, COURTNEY, US
- [72] CORE, LEE, US
- [72] SHARMA, UPMA, US
- [71] ARSENAL MEDICAL, INC., US
- [85] 2022-12-06
- [86] 2021-06-09 (PCT/US2021/036636)
- [87] (WO2021/252642)
- [30] US (63/036,564) 2020-06-09

PCT Applications Entering the National Phase

[21] 3,181,564
[13] A1

- [51] Int.Cl. C07D 257/02 (2006.01) A61K 33/244 (2019.01) A61K 49/10 (2006.01)
- [25] EN
- [54] PROCEDURE FOR OBTAINING GADOTERATE MEGLUMINE FROM HIGH-PURITY TETRAXETAN (DOTA) AND ITS USE IN THE PREPARATION OF INJECTABLE GALENICAL FORMULATIONS
- [54] PROCEDE D'OBTENTION DE GADOTERATE DE MEGLUMINE A PARTIR DE TETRAXETAN (DOTA) DE HAUTE PURETE ET SON UTILISATION DANS LA PREPARATION DE FORMULATIONS GALENIQUES INJECTABLES
- [72] ALONSO SILVA, IGNACIO, ES
- [72] CERECEDA PEREZ, JUAN ANDRES, ES
- [72] MARTIN MARTIN, FELIX RAMON, ES
- [72] REGUEIRA GOMEZ, MARIA ANGELES, ES
- [72] CHICHARRO MARTIN, ROBERTO, ES
- [72] GARCIA RAMOS, ALVARO, ES
- [72] GARCIA SALADO, IRENE, ES
- [72] MONTIEL LEGUEY, VICENTE, ES
- [72] EXPOSITO RODRIGUEZ, EDUARDO, ES
- [72] GARCIA GARCIA, VICENTE, ES
- [72] VALERO VALERO, DAVID, ES
- [72] SAEZ FERNANDEZ, ALFONSO, ES
- [72] GALLUD MARTINEZ, FRANCISCO, ES
- [71] JUSTESA IMAGEN S.A.U., ES
- [85] 2022-12-06
- [86] 2021-06-10 (PCT/EP2021/065599)
- [87] (WO2021/250163)
- [30] EP (20382500.5) 2020-06-10

[21] 3,181,567
[13] A1

- [51] Int.Cl. A23K 10/30 (2016.01) A23J 1/12 (2006.01) A23J 1/14 (2006.01) A23J 1/18 (2006.01)
- [25] EN
- [54] MICROBIAL-BASED PROCESS FOR IMPROVED QUALITY PROTEIN CONCENTRATE
- [54] PROCEDE A BASE DE MICROBE POUR OBTENIR UN CONCENTRE DE PROTEINE DE QUALITE AMELIOREE
- [72] HARSTAD, DENNIS, US
- [72] NATES, SERGIO F., US
- [71] PRAIRIE AQUA TECH, US
- [85] 2022-12-06
- [86] 2021-03-10 (PCT/US2021/021663)
- [87] (WO2021/252038)
- [30] US (63/035,797) 2020-06-07
- [30] US (63/052,745) 2020-07-16
- [30] US (63/039,694) 2020-06-16
- [30] US (17/093,557) 2020-11-09
- [30] US (63/036,274) 2020-06-08

[21] 3,181,574
[13] A1

- [51] Int.Cl. B32B 15/092 (2006.01) C09D 5/25 (2006.01) C09D 161/10 (2006.01) C09D 163/00 (2006.01) C23C 22/00 (2006.01) C23C 26/00 (2006.01) H01F 1/18 (2006.01) H01F 27/245 (2006.01) H02K 1/04 (2006.01)
- [25] EN
- [54] COATING COMPOSITION FOR ELECTRICAL STEEL SHEET, ELECTRICAL STEEL SHEET, LAMINATED CORE, AND ROTARY ELECTRIC MACHINE
- [54] COMPOSITION DE REVETEMENT POUR TOLES D'ACIER ELECTROMAGNETIQUE, TOLE D'ACIER ELECTROMAGNETIQUE, NOYAU FEUILLETE ET MACHINE DYNAMO-ELECTRIQUE
- [72] TAKEDA, KAZUTOSHI, JP
- [72] TAKATANI, SHINSUKE, JP
- [72] FUKUCHI, MINAKO, JP
- [72] TANAKA, ICHIRO, JP
- [71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
- [85] 2022-12-06
- [86] 2021-06-17 (PCT/JP2021/023049)
- [87] (WO2021/256538)
- [30] JP (2020-104235) 2020-06-17

[21] 3,181,572
[13] A1

- [51] Int.Cl. A61P 31/00 (2006.01)
- [25] EN
- [54] COMPOSITIONS AND METHODS FOR TREATING AND/OR PREVENTING COAGULOPATHY AND/OR SEPSIS IN PATIENTS SUFFERING FROM BACTERIAL AND/OR VIRAL INFECTIONS
- [54] COMPOSITIONS ET METHODES DE TRAITEMENT ET/OU DE PREVENTION DE LA COAGULOPATHIE ET/OU DE LA SEPTICEMIE CHEZ DES PATIENTS SOUFFRANT D'INFECTIONS BACTERIENNES ET/OU VIRALES
- [72] STABACH, PAUL, US
- [72] BRADDOCK, DEMETRIOS, US
- [71] YALE UNIVERSITY, US
- [85] 2022-12-06
- [86] 2021-06-08 (PCT/US2021/036368)
- [87] (WO2021/252470)
- [30] US (63/035,956) 2020-06-08

Demandes PCT entrant en phase nationale

[21] 3,181,580	[21] 3,181,582	[21] 3,181,590
[13] A1	[13] A1	[13] A1
[51] Int.Cl. C07D 237/32 (2006.01) A61P 31/14 (2006.01) A61P 31/20 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 413/12 (2006.01) C07D 417/04 (2006.01) C07D 417/12 (2006.01) C07D 495/04 (2006.01)	[51] Int.Cl. B32B 15/092 (2006.01) C09D 7/63 (2018.01) B32B 27/26 (2006.01) B32B 27/28 (2006.01) C09D 163/00 (2006.01) C23C 26/00 (2006.01) H01F 1/147 (2006.01) H01F 3/02 (2006.01) H01F 27/245 (2006.01)	[51] Int.Cl. C07D 401/12 (2006.01) A61K 31/4725 (2006.01) A61P 31/12 (2006.01) A61P 31/20 (2006.01) C07D 217/24 (2006.01) C07D 405/12 (2006.01)
[25] EN	[25] EN	[25] EN
[54] SUBSTITUTED (PHTHALAZIN-1-YLMETHYL)UREAS, SUBSTITUTED N-(PHTHALAZIN-1-YLMETHYL)AMIDES, AND ANALOGUES THEREOF	[54] COATING COMPOSITION FOR ELECTRICAL STEEL SHEET, ADHESIVE SURFACE-COATED ELECTRICAL STEEL SHEET AND LAMINATED CORE	[54] SUBSTITUTED ISOQUINOLINYL METHYL AMIDES, ANALOGUES THEREOF, AND METHODS USING SAME
[54] (PHTALAZIN-1-YLMETHYL)UREES SUBSTIUEES, N- (PHTALAZIN-1-YLMETHYL)AMIDES SUBSTITUES ET ANALOGUES DE CEUX-CI	[54] COMPOSITION DE REVETEMENT POUR UNE FEUILLE D'ACIER ELECTROMAGNETIQUE, FEUILLE D'ACIER ELECTROMAGNETIQUE A SURFACE RECOUVERTE POUR LE COLLAGE, ET NOYAU FEUILLETE	[54] AMIDES D'ISOQUINOLINYL METHYLE SUBSTITUES, ANALOGUES DE CEUX-CI ET PROCEDES LES UTILISANT
[72] COLE, ANDREW G., US [72] DORSEY, BRUCE D., US [72] DUGAN, BENJAMIN J., US [72] FAN, YI, US [72] KULTGEN, STEVEN G., US [72] MESAROS, EUGEN F., US [72] SOFIA, MICHAEL J., US [71] ARBUTUS BIOPHARMA CORPORATION, CA [85] 2022-12-06 [86] 2021-06-07 (PCT/IB2021/000393) [87] (WO2021/250466) [30] US (63/036,096) 2020-06-08	[72] TAKEDA, KAZUTOSHI, JP [72] TAKATANI, SHINSUKE, JP [72] FUKUCHI, MINAKO, JP [72] TANAKA, ICHIRO, JP [71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP [85] 2022-12-06 [86] 2021-06-17 (PCT/JP2021/023022) [87] (WO2021/256529) [30] JP (2020-104233) 2020-06-17	[72] COLE, ANDREW G., US [72] DORSEY, BRUCE D., US [72] DUGAN, BENJAMIN J., US [72] FAN, YI, US [72] KULTGEN, STEVEN G., US [72] MESAROS, EUGEN F., US [72] SOFIA, MICHAEL J., US [71] ARBUTUS BIOPHARMA CORPORATION, CA [85] 2022-12-06 [86] 2021-06-07 (PCT/IB2021/000382) [87] (WO2021/250461) [30] US (63/036,099) 2020-06-08
		[21] 3,181,596
		[13] A1
		[51] Int.Cl. A01N 25/02 (2006.01) A01N 25/30 (2006.01) A01N 43/653 (2006.01) A01N 53/00 (2006.01)
		[25] EN
		[54] A STABLE, SOLVENT-FREE, SELF-EMULSIFIABLE CONCENTRATE
		[54] CONCENTRE STABLE, SANS SOLVANT ET AUTO-EMULSIFIABLE
		[72] KLIMA, RODNEY F., US [72] OESTER, DEAN A., US [71] BASF SE, DE [85] 2022-12-06 [86] 2021-06-10 (PCT/EP2021/065641) [87] (WO2021/254875) [30] US (63/039,135) 2020-06-15 [30] EP (20188107.5) 2020-07-28

PCT Applications Entering the National Phase

[21] 3,181,611
[13] A1

- [51] Int.Cl. C12N 5/00 (2006.01) C12N 5/0775 (2010.01)
- [25] EN
- [54] 3D CULTURE OF MESENCHYMAL LINEAGE PRECURSOR OR STEM CELLS
- [54] CULTURE 3D DE CELLULES SOUCHES OU PRECURSEURS DE LIGNEE MESENCHYMATEUSE
- [72] SIMMONS, PAUL, AU
- [71] MESOBLAST INTERNATIONAL SARL, CH
- [85] 2022-12-06
- [86] 2021-06-09 (PCT/IB2021/055055)
- [87] (WO2021/250583)
- [30] AU (2020901931) 2020-06-11

[21] 3,181,614
[13] A1

- [51] Int.Cl. A61B 5/1486 (2006.01) A61B 5/1468 (2006.01)
- [25] EN
- [54] ANALYTE SENSORS FEATURING A REDUCED-AREA WORKING ELECTRODE FOR DECREASING INTERFERENT SIGNAL
- [54] CAPTEURS D'ANALYTES COMPRENANT UNE ELECTRODE DE TRAVAIL A SURFACE REDUITE POUR DIMINUER UN SIGNAL D'INTERFERENCES
- [72] OJA, STEPHEN, US
- [72] FELDMAN, BENJAMIN J., US
- [72] TRAN, LAM N., US
- [72] BABKA, JEAN-PIERRE, US
- [72] YAHNKE, MARK STEPHEN, US
- [72] KHAN, TAHIR S., US
- [72] GARbett, MAX, GB
- [72] PETYT, ADRIAN, GB
- [72] SCHULZ, MARK ALAN, GB
- [72] MCGIBBON, ANDREW, GB
- [72] BULL, ANDREW JAMES, GB
- [72] HOSS, UDO, US
- [71] ABBOTT DIABETES CARE INC., US
- [85] 2022-12-06
- [86] 2021-06-15 (PCT/US2021/037309)
- [87] (WO2021/257493)
- [30] US (63/039,743) 2020-06-16

[21] 3,181,616
[13] A1

- [51] Int.Cl. A21C 3/02 (2006.01) A21D 13/16 (2017.01) A21C 3/04 (2006.01) A21C 9/04 (2006.01)
- [25] EN
- [54] INDUSTRIAL PROCESS FOR CONTINUOUS PRODUCTION OF INVERSED LAMINATED DOUGH
- [54] PROCÉDÉ INDUSTRIEL DE PRODUCTION CONTINUE DE PÂTE FEUILLETÉE INVERSEE
- [72] LANGENFELD, PIERRE, FR
- [72] HONORE, ELINE, BE
- [72] JOSSE, THOMAS, FR
- [72] VAN DER MEULEN, ROEL, BE
- [71] VAMIX N.V., BE
- [85] 2022-12-06
- [86] 2021-06-11 (PCT/EP2021/065805)
- [87] (WO2021/250246)
- [30] FR (FR2006104) 2020-06-11

[21] 3,181,619
[13] A1

- [51] Int.Cl. C07K 14/715 (2006.01) A61P 17/02 (2006.01) C07K 14/475 (2006.01) C07K 14/485 (2006.01) C07K 14/495 (2006.01)
- [25] EN
- [54] IL-1 RECEPTOR ANTAGONIST (IL-1 RA) FUSION PROTEINS BINDING TO EXTRACELLULAR MATRIX
- [54] PROTEINES DE FUSION ANTAGONISTES DU RECEPTEUR DE L'IL-1 (IL-1 RA) SE LIANT A LA MATRICE EXTRACELLULAIRE
- [72] MARTINO, MIKAEL, AU
- [72] JULIER, ZIAD, AU
- [71] MONASH UNIVERSITY, AU
- [85] 2022-12-06
- [86] 2021-06-11 (PCT/AU2021/050598)
- [87] (WO2021/248203)
- [30] AU (2020901944) 2020-06-12

[21] 3,181,621
[13] A1

- [51] Int.Cl. B64C 1/14 (2006.01) E05D 11/10 (2006.01)
- [25] FR
- [54] BISTABLE MECHANISM FOR AN AIRCRAFT DOOR
- [54] MECANISME BISTABLE POUR PORTE D'AERONEF
- [72] DEVILLEZ, SEBASTIEN, FR
- [71] LATECOERE, FR
- [85] 2022-12-06
- [86] 2021-06-27 (PCT/EP2021/067596)
- [87] (WO2022/002804)
- [30] FR (FR2006882) 2020-06-30

[21] 3,181,624
[13] A1

- [51] Int.Cl. A23L 33/10 (2016.01)
- [25] EN
- [54] A NUTRITIONAL COMPOSITION COMPRISING 3-HYDROXYBUTYRIC ACID TO IMPROVE THE GASTROINTESTINAL BARRIER
- [54] COMPOSITION NUTRITIONNELLE COMPRENANT DE L'ACIDE 3-HYDROXYBUTYRIQUE POUR AMELIORER LA BARRIERE GASTRO-INTESTINALE
- [72] GARCIA-RODENAS, CLARALUCIA, CH
- [72] NATIVIDAD, JANEMEAM, CH
- [72] RYTZ, ANDREAS, CH
- [71] SOCIETE DES PRODUITS NESTLE SA, CH
- [85] 2022-12-06
- [86] 2021-06-18 (PCT/EP2021/066562)
- [87] (WO2021/255229)
- [30] EP (20181187.4) 2020-06-19

Demandes PCT entrant en phase nationale

[21] 3,181,629
[13] A1

[51] Int.Cl. A61K 9/48 (2006.01) A61K 31/4985 (2006.01) A61K 31/519 (2006.01) A61P 19/02 (2006.01)
[25] EN
[54] RABEXIMOD IN THE TREATMENT OF RHEUMATOID ARTHRITIS
[54] RABEXIMOD DANS LE TRAITEMENT DE LA POLYARTHRITE RHUMATOÏDE
[72] BJORKLUND, ULF, SE
[71] CYXONE AB, SE
[85] 2022-12-06
[86] 2021-06-10 (PCT/EP2021/065697)
[87] (WO2021/250199)
[30] EP (20179239.7) 2020-06-10
[30] EP (20179277.7) 2020-06-10
[30] EP (20179279.3) 2020-06-10
[30] EP (20180706.2) 2020-06-18

[21] 3,181,630
[13] A1

[51] Int.Cl. G01C 17/30 (2006.01) G01C 21/00 (2006.01) G01C 21/08 (2006.01) G01C 21/20 (2006.01)
[25] EN
[54] CORRELATING OVERLAPPING MAGNETIC MEASUREMENT DATA FROM MULTIPLE MAGNETIC NAVIGATION DEVICES AND UPDATING A GEOMAGNETIC MAP WITH THAT DATA
[54] CORRELATION DE DONNEES DE MESURE MAGNETIQUE SE CHEVAUCHANT A PARTIR DE MULTIPLES DISPOSITIFS DE NAVIGATION MAGNETIQUE ET MISE A JOUR D'UNE CARTE GEOMAGNETIQUE AVEC CES DONNEES
[72] TOUTOV, ALEXANDRE, US
[72] MUKHINA, MARYNA, US
[72] ILNYTSKA, SVITLANA, US
[71] ASTRA NAVIGATION, INC., US
[85] 2022-12-06
[86] 2021-06-16 (PCT/US2021/037664)
[87] (WO2021/257725)
[30] US (63/040,352) 2020-06-17
[30] US (63/210,411) 2021-06-14
[30] US (17/348,575) 2021-06-15

[21] 3,181,634
[13] A1

[51] Int.Cl. G06F 11/07 (2006.01)
[25] EN
[54] BLOCK ID ENCODING IN ERASURE CODED STORAGE SYSTEM
[54] CODAGE D'ID DE BLOC DANS UN SYSTEME DE STOCKAGE A CODE D'EFFACEMENT
[72] BLAUM, MARIO, US
[72] HETZLER, STEVEN ROBERT, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2022-12-06
[86] 2021-06-22 (PCT/IB2021/055484)
[87] (WO2021/260538)
[30] US (16/911,114) 2020-06-24

[21] 3,181,637
[13] A1

[51] Int.Cl. C07D 487/04 (2006.01) A61P 37/02 (2006.01)
[25] EN
[54] METHOD FOR PREPARING A CRYSTALLINE FORM OF RABEXIMOD
[54] PROCEDE DE PREPARATION D'UNE FORME CRISTALLINE DE RABEXIMOD
[72] BJORKLUND, ULF, SE
[71] CYXONE AB, SE
[85] 2022-12-06
[86] 2021-06-10 (PCT/EP2021/065694)
[87] (WO2021/250197)
[30] EP (20179279.3) 2020-06-10
[30] EP (20179239.7) 2020-06-10
[30] EP (20179277.7) 2020-06-10
[30] EP (20180706.2) 2020-06-18

[21] 3,181,646
[13] A1

[51] Int.Cl. A61K 9/20 (2006.01) A61K 9/48 (2006.01) A61K 31/4985 (2006.01) A61K 31/519 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01)
[25] EN
[54] ORAL FORMULATION COMPRISING A CRYSTALLINE FORM OF RABEXIMOD
[54] FORMULATION ORALE COMPRENANT UNE FORME CRISTALLINE DE RABEXIMOD
[72] BJORKLUND, ULF, SE
[71] CYXONE AB, SE
[85] 2022-12-06
[86] 2021-06-10 (PCT/EP2021/065705)
[87] (WO2021/250204)
[30] EP (20179277.7) 2020-06-10
[30] EP (20179279.3) 2020-06-10
[30] EP (20179239.7) 2020-06-10
[30] EP (20180706.2) 2020-06-18

[21] 3,181,649
[13] A1

[51] Int.Cl. G06N 10/00 (2022.01)
[25] EN
[54] SELECTIVE CHEMICAL FREQUENCY MODIFICATION OF JOSEPHSON JUNCTION RESONATORS
[54] MODIFICATION SELECTIVE DE FREQUENCE CHIMIQUE DE RESONATEURS A JONCTION JOSEPHSON
[72] LEWANDOWSKI, ERIC, US
[72] YAU, JENG-BANG, US
[72] ZHANG, ERIC, US
[72] WEBB, BUCKNELL, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2022-12-06
[86] 2021-06-15 (PCT/EP2021/066160)
[87] (WO2021/259712)
[30] US (16/912,246) 2020-06-25

PCT Applications Entering the National Phase

<p>[21] 3,181,654 [13] A1</p> <p>[51] Int.Cl. G01N 23/207 (2018.01)</p> <p>[25] EN</p> <p>[54] X-RAY DIFFRACTION METHOD FOR THE ANALYSIS OF AMORPHOUS AND SEMI-CRYSTALLINE MATERIALS</p> <p>[54] PROCEDE DE DIFFRACTION DES RAYONS X POUR L'ANALYSE DE MATERIAUX AMORPHES ET SEMI-CRISTALLINS</p> <p>[72] POULSEN, HENNING FRIIS, DK</p> <p>[72] OLSEN, ULRIK LUND, DK</p> <p>[71] DANMARKS TEKNISKE UNIVERSITET, DK</p> <p>[85] 2022-12-06</p> <p>[86] 2021-06-07 (PCT/EP2021/065161)</p> <p>[87] (WO2021/249940)</p> <p>[30] EP (20178748.8) 2020-06-08</p>

<p>[21] 3,181,655 [13] A1</p> <p>[51] Int.Cl. A61K 39/395 (2006.01) A61K 39/00 (2006.01) C07K 16/18 (2006.01) C07K 16/40 (2006.01)</p> <p>[25] EN</p> <p>[54] ANTI-NME ANTIBODY AND METHOD OF TREATING CANCER OR CANCER METASTASIS</p> <p>[54] ANTICORPS ANTI-NME ET PROCEDE DE TRAITEMENT DU CANCER OU DE METASTASES CANCEREUSES</p> <p>[72] BAMDAD, CYNTHIA, US</p> <p>[72] SMAGGHE, BENOIT, US</p> <p>[71] MINERVA BIOTECHNOLOGIES CORPORATION, US</p> <p>[85] 2022-12-06</p> <p>[86] 2021-06-08 (PCT/US2021/036500)</p> <p>[87] (WO2021/252551)</p> <p>[30] US (63/036,288) 2020-06-08</p> <p>[30] US (63/044,670) 2020-06-26</p> <p>[30] US (63/046,852) 2020-07-01</p>
--

<p>[21] 3,181,657 [13] A1</p> <p>[51] Int.Cl. H03K 19/195 (2006.01) G06N 10/00 (2022.01)</p> <p>[25] EN</p> <p>[54] QUANTUM COUPLER FACILITATING SUPPRESSION OF ZZ INTERACTIONS BETWEEN QUBITS</p> <p>[54] COUPLEUR QUANTIQUE FACILITANT L'ELIMINATION D'INTERACTIONS ZZ ENTRE DES BITS QUANTIQUES</p> <p>[72] FINCK, AARON, US</p> <p>[72] BLAIR, JOHN, US</p> <p>[72] CARNIOL, APRIL, US</p> <p>[72] DIAL, OLIVER, US</p> <p>[72] KUMPH, MUIR, US</p> <p>[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US</p> <p>[85] 2022-12-06</p> <p>[86] 2021-06-28 (PCT/EP2021/067749)</p> <p>[87] (WO2022/002881)</p> <p>[30] US (16/917,016) 2020-06-30</p>
--

<p>[21] 3,181,659 [13] A1</p> <p>[51] Int.Cl. A61M 25/06 (2006.01) A61M 39/10 (2006.01)</p> <p>[25] EN</p> <p>[54] CATHETER SYSTEM TO PROVIDE NEEDLE SAFETY AND RELATED METHODS</p> <p>[54] SYSTEME DE CATHETER FOURNISSANT UNE SECURITE D'AIGUILLE ET METHODES ASSOCIEES</p> <p>[72] JIANG, TAO, CN</p> <p>[72] CHAO, BEN, TW</p> <p>[71] BECTON, DICKINSON AND COMPANY, US</p> <p>[85] 2022-12-06</p> <p>[86] 2021-06-07 (PCT/US2021/036191)</p> <p>[87] (WO2021/257309)</p> <p>[30] US (63/039,823) 2020-06-16</p> <p>[30] US (17/339,461) 2021-06-04</p>
--

<p>[21] 3,181,660 [13] A1</p> <p>[51] Int.Cl. A61K 31/4745 (2006.01) C07D 491/22 (2006.01)</p> <p>[25] EN</p> <p>[54] CONJUGATES OF A CELL-BINDING MOLECULE WITH CAMPTOTHECIN ANALOGS</p> <p>[54] CONJUGUES D'UNE MOLECULE DE LIAISON CELLULAIRE AVEC DES ANALOGUES DE CAMPTOTHECINE</p> <p>[72] ZHAO, ROBERT, US</p> <p>[72] YANG, QINGLIANG, CN</p> <p>[72] YE, HANGBO, CN</p> <p>[72] HUANG, YUANYUAN, CN</p> <p>[72] XU, YIFANG, CN</p> <p>[72] ZHAO, GENGXIANG, CN</p> <p>[72] CHEN, DIANCHENG, CN</p> <p>[72] GUO, HUIHUI, CN</p> <p>[72] KONG, XIANGFEI, CN</p> <p>[72] LI, WENJUN, CN</p> <p>[72] BAI, LU, CN</p> <p>[72] CAI, XIANG, CN</p> <p>[72] ZHANG, XIUZHEN, CN</p> <p>[72] JIA, JUNXIANG, CN</p> <p>[72] GUO, ZHIXIANG, CN</p> <p>[72] HUANG, SHANGMA, CN</p> <p>[72] WANG, XIAOXU, CN</p> <p>[72] ZHENG, JUN, CN</p> <p>[72] DU, YONG, CN</p> <p>[72] LI, YANHUA, CN</p> <p>[72] ZHENG, YUNXIA, CN</p> <p>[72] LIN, CHEN, CN</p> <p>[72] CHEN, XIAOXIAO, CN</p> <p>[72] ZHENG, WEI, CN</p> <p>[72] JIANG, XINYAN, CN</p> <p>[72] ZHANG, LINGLI, CN</p> <p>[72] YE, RIPING, CN</p> <p>[72] CHEN, MIAOMIAO, CN</p> <p>[71] HANGZHOU DAC BIOTECH CO., LTD, CN</p> <p>[85] 2022-12-06</p> <p>[86] 2020-06-19 (PCT/CN2020/097239)</p> <p>[87] (WO2021/212638)</p>
--

Demandes PCT entrant en phase nationale

[21] 3,181,662
[13] A1

[51] Int.Cl. C08J 3/20 (2006.01) C08J 3/205 (2006.01) C08J 3/22 (2006.01) C08K 5/3432 (2006.01) C08K 5/3445 (2006.01) C08K 5/3465 (2006.01) C08L 33/12 (2006.01) C09B 29/42 (2006.01) C09B 29/50 (2006.01) C09B 29/52 (2006.01)

[25] EN

[54] PROCESS FOR COLOURING A THERMOPLASTIC POLYMER

[54] PROCEDE DE COLORATION D'UN POLYMERÉ THERMOPLASTIQUE

[72] GOLCHERT, URSULA, DE

[72] RICHTER, RALF, DE

[72] KRAFT, JORG, DE

[72] DIETRICH, GERALD, DE

[72] BECKER, ERNST, DE

[72] NAU, STEFAN, DE

[71] ROHM GMBH, DE

[85] 2022-12-06

[86] 2021-06-09 (PCT/EP2021/065383)

[87] (WO2021/250052)

[30] EP (20179122.5) 2020-06-10

[21] 3,181,665
[13] A1

[51] Int.Cl. A61P 3/06 (2006.01) A61P 3/10 (2006.01) A61P 9/12 (2006.01) C07D 277/54 (2006.01)

[25] EN

[54] CRYSTALLINE FORMS OF {2-[3-CYCLOHEXYL-3-(TRANS-4-PROPOXY-CYCLOHEXYL)-UREIDO]-THIAZOL-5-YLSULFANYL} -ACETIC ACID AND AND USES THEREOF

[54] FORMES CRISTALLINES D'ACIDE ACETIQUE {2-[3-CYCLOHEXYL-3-(TRANS-4-PROPOXY-CYCLOHEXYL)-UREIDO]-THIAZOL-5-YLSULFANYL} ET LEURS UTILISATIONS

[72] TENG, JING, US

[72] CAO, YIZHENG, US

[71] VTV THERAPEUTICS LLC, US

[85] 2022-12-06

[86] 2021-06-07 (PCT/US2021/036082)

[87] (WO2021/252309)

[30] US (63/035,994) 2020-06-08

[21] 3,181,669
[13] A1

[51] Int.Cl. H04J 3/06 (2006.01)

[25] EN

[54] LINK PROFILING FOR ASSYMETRIC DELAY COMPENSATION

[54] PROFILAGE DE LIAISON POUR COMPENSATION DE RETARD ASYMETRIQUE

[72] ANDERSSON, MICHAEL, SE

[72] DANIELSSON, MAGNUS, SE

[71] NET INSIGHT AB, SE

[85] 2022-12-06

[86] 2021-06-18 (PCT/EP2021/066632)

[87] (WO2021/255249)

[30] SE (2050736-4) 2020-06-18

[21] 3,181,672
[13] A1

[51] Int.Cl. A61P 35/00 (2006.01) C07K 16/28 (2006.01)

[25] EN

[54] TREATMENT WITH ANTI-TIGIT ANTIBODIES AND PD-1 AXIS BINDING ANTAGONISTS

[54] TRAITEMENT AVEC DES ANTICORPS ANTI-TIGIT ET DES ANTAGONISTES DE LIAISON A L'AXE PD-1

[72] LI, SHI, US

[72] HARRIS, MEGHNA DAS THAKUR, US

[72] WANG, YIFAN, CN

[72] CHA, EDWARD NAMSERK, US

[72] GE, FEIJIAO, CN

[71] GENENTECH, INC., US

[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2022-12-06

[86] 2021-01-26 (PCT/US2021/015084)

[87] (WO2021/257124)

[30] CN (PCT/CN2020/096746) 2020-06-18

[21] 3,181,663
[13] A1

[51] Int.Cl. G06F 11/30 (2006.01) G06N 20/00 (2019.01) G06Q 40/03 (2023.01)

[25] EN

[54] METHODS FOR DETECTING AND MONITORING BIAS IN SOFTWARE APPLICATION USING ARTIFICIAL INTELLIGENCE AND DEVICES THEREOF

[54] PROCEDES DE DETECTION ET DE SURVEILLANCE D'UN BIAIS DANS UNE APPLICATION LOGICIELLE UTILISANT L'INTELLIGENCE ARTIFICIELLE, ET DISPOSITIFS CORRESPONDANTS

[72] SEKIGUCHI, KAZUKI, JP

[72] TERUI, FUMIHIKO, JP

[72] DEY, PINAKI CHANDRA, JP

[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US

[85] 2022-12-06

[86] 2021-06-23 (PCT/IB2021/055538)

[87] (WO2022/013648)

[30] US (16/927,501) 2020-07-13

[21] 3,181,667
[13] A1

[25] FR

[54] PROCESSING OF VIDEO STREAMS RELATED TO SURGICAL OPERATIONS

[54] TRAITEMENT DE FLUX VIDEO RELATIFS AUX OPERATIONS CHIRURGICALES

[72] PADOY, NICOLAS, FR

[72] MASCAGNI, PIETRO, IT

[72] DALLEMAGNE, BERNARD, BE

[71] FONDATION DE COOPERATION SCIENTIFIQUE, FR

[71] UNIVERSITE DE STRASBOURG, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR

[71] UNIVERSITA CATTOLICA DEL SACRO CUORE, IT

[71] INSTITUT DE RECHERCHE CONTRE LES CANCERS DE L'APPAREIL DIGESTIF (IRCAD), FR

[85] 2022-12-06

[86] 2021-06-11 (PCT/FR2021/051053)

[87] (WO2021/250362)

[30] FR (FR2006178) 2020-06-12

PCT Applications Entering the National Phase

[21] 3,181,674
[13] A1

[51] Int.Cl. C09D 101/02 (2006.01) C09D 7/47 (2018.01) C09D 7/61 (2018.01) C08L 1/02 (2006.01)
[25] EN
[54] BRIGHT PIGMENT DISPERSION AND METHOD FOR FORMING MULTILAYER COATING FILM
[54]
[72] NARITA, NOBUHIKO, JP
[72] SAKAI, KENJI, JP
[71] KANSAI PAINT CO., LTD., JP
[85] 2022-12-06
[86] 2021-05-17 (PCT/JP2021/018557)
[87] (WO2022/014137)
[30] JP (2020-120993) 2020-07-15

[21] 3,181,675
[13] A1

[51] Int.Cl. A61B 8/08 (2006.01) A61M 16/06 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR CATEGORIZING AND/OR CHARACTERIZING A USER INTERFACE
[54] SYSTEMES ET PROCEDES DE CATEGORISATION ET/OU DE CARACTERISATION D'UNE INTERFACE UTILISATEUR
[72] LYON, GRAEME, IE
[72] TIIRON, ROXANA, IE
[72] FOX, NIALL, IE
[72] SHOULDICE, REDMOND, IE
[71] RESMED SENSOR TECHNOLOGIES LIMITED, IE
[85] 2022-12-06
[86] 2021-06-07 (PCT/IB2021/054999)
[87] (WO2021/250553)
[30] US (63/036,303) 2020-06-08
[30] US (63/108,161) 2020-10-30

[21] 3,181,677
[13] A1

[51] Int.Cl. A61K 31/4184 (2006.01) A61K 31/4406 (2006.01) A61K 31/475 (2006.01) A61K 31/63 (2006.01) A61K 31/69 (2006.01) A61K 38/20 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/38 (2006.01)
[25] EN
[54] COMBINATION THERAPY COMPRISING ANTI-CD137 ANTIBODIES
[54] POLYTHERAPIE COMPRENANT DES ANTICORPS ANTI-CD137
[72] LIU, GUIZHONG, CN
[72] NGUYEN, AARON, CN
[72] LUO, PETER PEIZHI, CN
[71] ADAGENE PTE. LTD., SG
[85] 2022-12-06
[86] 2021-06-23 (PCT/US2021/038718)
[87] (WO2021/262869)
[30] US (63/043,042) 2020-06-23

[21] 3,181,679
[13] A1

[51] Int.Cl. H04B 7/06 (2006.01)
[25] EN
[54] ANTENNA SYSTEM HAVING SIMULTANEOUS BEAMFORMING AND SURVEYING CAPABILITY
[54] SYSTEME D'ANTENNE POSSEDEANT UNE CAPACITE SIMULTANEE DE FORMATION DE FAISCEAU ET D'ARPENTAGE
[72] KIESEL, GREGORY, US
[72] ROSE, CHRISTOPHER A., US
[72] SAUNDERS, DAVID R., US
[71] VIASAT INC., US
[85] 2022-12-06
[86] 2021-06-09 (PCT/US2021/036640)
[87] (WO2021/252646)
[30] US (63/037,842) 2020-06-11

[21] 3,181,680
[13] A1

[51] Int.Cl. A61K 31/7088 (2006.01) A61K 48/00 (2006.01) C12N 15/11 (2006.01)
[25] EN
[54] ENCODING AND EXPRESSION OF ACE-TRNAS
[54] CODAGE ET EXPRESSION D'ARNT ACE
[72] LUECK, JOHN D., US
[72] PORTER, JOSEPH J., US
[72] THORNTON, CHARLES A., US
[72] KO, WOOREE, US
[71] UNIVERSITY OF ROCHESTER, US
[85] 2022-12-06
[86] 2021-06-07 (PCT/US2021/036165)
[87] (WO2021/252354)
[30] US (63/038,245) 2020-06-12

[21] 3,181,682
[13] A1

[51] Int.Cl. A61K 31/7088 (2006.01) C12N 15/113 (2010.01) A61K 47/54 (2017.01) A61K 31/7125 (2006.01) A61K 38/27 (2006.01) A61K 38/47 (2006.01) A61P 35/00 (2006.01) C12N 9/24 (2006.01)
[25] EN
[54] SUBCUTANEOUS TELOMERASE INHIBITOR COMPOSITIONS AND METHODS FOR USING SAME
[54] COMPOSITIONS INHIBITRICES DE TELOMERASE SOUS-CUTANEES ET LEURS METHODES D'UTILISATION
[72] KAPUR, ANIL, US
[72] MURPHY, PATRICK, US
[71] GERON CORPORATION, US
[85] 2022-12-06
[86] 2021-07-15 (PCT/US2021/041755)
[87] (WO2022/015935)
[30] US (63/053,455) 2020-07-17
[30] US (63/128,708) 2020-12-21

Demandes PCT entrant en phase nationale

[21] 3,181,683
[13] A1

- [51] Int.Cl. A61K 9/00 (2006.01) A61K 9/06 (2006.01) A61K 9/16 (2006.01) A61K 9/19 (2006.01) A61K 38/28 (2006.01) A61K 47/36 (2006.01) A61K 47/40 (2006.01)
 - [25] EN
 - [54] CROSSLINKED STARCH DERIVATIVE-BASED MATRIX
 - [54] MATRICE A BASE DE DERIVE D'AMIDON RETICULE
 - [72] PARCQ, JULIEN, FR
 - [72] WIATZ, VINCENT, FR
 - [72] INGRET, MAXIME, FR
 - [71] ROQUETTE FRERES, FR
 - [85] 2022-12-06
 - [86] 2021-06-16 (PCT/EP2021/025211)
 - [87] (WO2021/254662)
 - [30] EP (20305659.3) 2020-06-16
-

[21] 3,181,684
[13] A1

- [51] Int.Cl. C22B 5/12 (2006.01) C21B 13/10 (2006.01) C23C 8/20 (2006.01) C21B 13/12 (2006.01)
- [25] EN
- [54] METHOD AND DEVICE FOR PRODUCING DIRECT REDUCED METAL
- [54] PROCEDE ET DISPOSITIF DE PRODUCTION DE METAL DE REDUCTION DIRECTE
- [72] MURRAY, HANS E.H., SE
- [71] GREENIRON H2 AB, SE
- [85] 2022-12-06
- [86] 2021-06-24 (PCT/SE2021/050632)
- [87] (WO2021/262078)
- [30] SE (2050771-1) 2020-06-26

[21] 3,181,686
[13] A1

- [51] Int.Cl. A61K 31/44 (2006.01) A61K 31/437 (2006.01) C07D 401/12 (2006.01)
 - [25] EN
 - [54] POLY HETEROCYCLIC CONJUGATES AND THEIR PHARMACEUTICAL USES
 - [54] CONJUGUES POLY-HETEROCYCLIQUES ET LEURS UTILISATIONS PHARMACEUTIQUES
 - [72] SHIH, CHUAN, US
 - [72] TSOU, LUN KELVIN, TW
 - [72] HUANG, KUAN-HSUN, TW
 - [72] CHEN, CHIUNG-TONG, TW
 - [71] CIPO, CA
 - [71] NATIONAL HEALTH RESEARCH INSTITUTES, TW
 - [85] 2022-12-06
 - [86] 2021-06-22 (PCT/US2021/038344)
 - [87] (WO2021/262628)
-

[21] 3,181,689
[13] A1

- [51] Int.Cl. C12N 5/16 (2006.01) G01N 33/50 (2006.01)
- [25] EN
- [54] IN VITRO MODEL OF LIVER STEATOHEPATITIS
- [54] MODELE IN VITRO DE STEATOHEPATITE HEPATIQUE
- [72] VIDAL, GUILLAUME, FR
- [72] WALCZAK, ROBERT, FR
- [71] GENFIT, FR
- [85] 2022-12-06
- [86] 2021-06-23 (PCT/EP2021/067221)
- [87] (WO2021/260049)
- [30] EP (20305699.9) 2020-06-24
- [30] EP (20208781.3) 2020-11-19

[21] 3,181,690
[13] A1

- [51] Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 31/4375 (2006.01) A61P 31/12 (2006.01) A61P 31/18 (2006.01) C07D 513/04 (2006.01)
 - [25] EN
 - [54] CAPSID INHIBITORS FOR THE TREATMENT OF HIV
 - [54] INHIBITEURS DE CAPSIDE POUR LE TRAITEMENT DU VIH
 - [72] CHOU, CHIENHUNG, US
 - [72] KATO, DARRYL, US
 - [72] LAZERWITH, SCOTT E., US
 - [72] SCHROEDER, SCOTT D., US
 - [72] TSE, WINSTON C., US
 - [72] ZHANG, JENNIFER R., US
 - [71] GILEAD SCIENCES, INC., US
 - [85] 2022-12-06
 - [86] 2021-06-24 (PCT/US2021/038915)
 - [87] (WO2021/262990)
 - [30] US (63/044,086) 2020-06-25
-

[21] 3,181,694
[13] A1

- [51] Int.Cl. A61K 31/05 (2006.01) A61K 31/19 (2006.01) A61K 31/522 (2006.01) A61P 25/08 (2006.01)
- [25] EN
- [54] USE OF CANNABIDIOL IN THE TREATMENT OF EPILEPSY
- [54] UTILISATION DE CANNABIDIOL DANS LE TRAITEMENT DE L'EPILEPSIE
- [72] LI, JIE, US
- [72] CRAIG, KEVIN JAMES, GB
- [72] CHECKETTS, DANIEL ADAM, GB
- [72] CRITCHLEY, DAVID JOHN, GB
- [71] GW RESEARCH LIMITED, GB
- [85] 2022-12-06
- [86] 2021-06-16 (PCT/GB2021/051520)
- [87] (WO2021/255446)
- [30] GB (2009321.7) 2020-06-18

PCT Applications Entering the National Phase

[21] 3,181,695

[13] A1

- [51] Int.Cl. A01G 33/00 (2006.01) B01D 67/00 (2006.01) B01D 69/00 (2006.01)
 - B01D 71/00 (2006.01) B01D 71/26 (2006.01) C12M 1/12 (2006.01) C12M 1/26 (2006.01) C12M 3/00 (2006.01)
 - [25] EN
 - [54] SEAWEED CULTIVATION SYSTEM
 - [54] SYSTEME DE CULTURE D'ALGUES MARINES
 - [72] CLOUGH, NORMAN E., US
 - [71] W. L. GORE & ASSOCIATES, INC., US
 - [85] 2022-12-06
 - [86] 2021-06-25 (PCT/US2021/039150)
 - [87] (WO2021/263141)
 - [30] US (63/044,285) 2020-06-25
-

[21] 3,181,697

[13] A1

- [51] Int.Cl. C23C 22/73 (2006.01) C23F 11/167 (2006.01) C23G 1/24 (2006.01)
- C23G 1/26 (2006.01) C23C 22/18 (2006.01) C23C 22/83 (2006.01)
- [25] EN
- [54] AQUEOUS PICKLING COMPOSITIONS AND THEIR USE
- [54] COMPOSITIONS DE DECAPAGE AQUEUSES ET LEUR UTILISATION
- [72] MOHR, ANNA VERENA, DE
- [72] SIX, MARCELL, DE
- [72] KHELFALLAH, NAWEL SOUAD, DE
- [71] CHEMETALL GMBH, DE
- [85] 2022-12-06
- [86] 2021-06-04 (PCT/EP2021/064968)
- [87] (WO2021/249880)
- [30] EP (20179332.0) 2020-06-10

[21] 3,181,700

[13] A1

- [51] Int.Cl. G06F 21/62 (2013.01)
- [25] EN
- [54] SYSTEMS AND METHODS FOR SECURE UNIVERSAL MEASUREMENT IDENTIFIER CONSTRUCTION
- [54] SYSTEMES ET PROCEDES DE CONSTRUCTION SECURISEE D'IDENTIFICATEURS DE MESURE UNIVERSELS
- [72] SETH, KARN, US
- [72] WRIGHT, CRAIG WILLIAM, US
- [72] MIRISOLA, RAIMUNDO, US
- [72] SKVORTSOV, EVGENY, US
- [72] KREUTER, BENJAMIN R., US
- [72] RAYKOVA, MARIANA PETROVA, US
- [72] RICHTER, JOHN MARK, US
- [71] GOOGLE LLC, US
- [85] 2022-12-06
- [86] 2021-07-09 (PCT/US2021/041125)
- [87] (WO2022/098400)
- [30] US (63/111,485) 2020-11-09

[21] 3,181,702

[13] A1

- [51] Int.Cl. B65G 15/08 (2006.01) B65G 43/02 (2006.01)
- [25] EN
- [54] DEVICE AND METHOD FOR DETECTING VERTICAL TEAR IN CONVEYOR BELT
- [54] DISPOSITIF ET PROCEDE DE DETECTION DE DECHIRURE LONGITUDINALE D'UNE BANDE TRANSPORTEUSE
- [72] ISHIBASHI, YUSUKE, JP
- [71] THE YOKOHAMA RUBBER CO., LTD., JP
- [85] 2022-12-06
- [86] 2021-03-04 (PCT/JP2021/008380)
- [87] (WO2022/004055)
- [30] JP (2020-114883) 2020-07-02

[21] 3,181,703

[13] A1

- [51] Int.Cl. D21H 11/04 (2006.01) B65D 3/22 (2006.01) D21H 19/38 (2006.01)
- D21H 19/40 (2006.01) D21H 19/58 (2006.01) D21H 19/82 (2006.01) D21H 19/84 (2006.01) D21H 27/32 (2006.01)
- [25] EN
- [54] DOUBLE-WALL PAPERBOARD CONTAINERS HAVING AQUEOUS BARRIER COATINGS
- [54] RECIPIENTS EN CARTON A DOUBLE PAROI COMPORANT DES VERNIS DE PROTECTION AQUEUX
- [72] PANG, JIEBIN, US
- [72] MCNEAL, TIMOTHY R., US
- [72] MELTON, NATASHA G., US
- [72] KNAPP, BRIAN K., US
- [71] WESTROCK MWV, LLC, US
- [85] 2022-12-06
- [86] 2021-07-30 (PCT/US2021/044015)
- [87] (WO2022/026899)
- [30] US (63/059,348) 2020-07-31

[21] 3,181,704

[13] A1

- [51] Int.Cl. B65D 85/804 (2006.01)
- [25] EN
- [54] A FLEXIBLE PACKAGE FOR FOOD OR BEVERAGE PREPARATION HAVING A RIGID PART
- [54] EMBALLAGE SOUPLE COMPRENANT UNE PARTIE RIGIDE POUR LA PREPARATION D'ALIMENTS OU DE BOISSONS
- [72] PELLEGRINI, STEPHANE, FR
- [71] SOCIETE DES PRODUITS NESTLE SA, CH
- [85] 2022-12-06
- [86] 2021-06-24 (PCT/EP2021/067322)
- [87] (WO2022/022901)
- [30] EP (20188738.7) 2020-07-30

Demandes PCT entrant en phase nationale

[21] 3,181,705
[13] A1

[51] Int.Cl. A47L 11/40 (2006.01)
[25] EN
[54] RINSE CONTROL METHOD AND APPARATUS FOR CLEANING MECHANISM, AND STORAGE MEDIUM
[54] PROCEDE ET APPAREIL DE COMMANDE DE RINCAGE POUR MECANISME DE NETTOYAGE ET SUPPORT DE STOCKAGE
[72] WANG, SHENGLE, CN
[71] DREAME INNOVATION TECHNOLOGY (SUZHOU) CO., LTD., CN
[85] 2022-12-06
[86] 2021-06-08 (PCT/CN2021/098769)
[87] (WO2021/259059)
[30] CN (202010577982.6) 2020-06-23

[21] 3,181,706
[13] A1

[51] Int.Cl. G02B 27/09 (2006.01) H01S 3/00 (2006.01) H01S 3/02 (2006.01) H01S 3/08 (2023.01) H01S 3/10 (2006.01)
[25] EN
[54] DUAL WAVELENGTH VISIBLE LASER SOURCE
[54] SOURCE LASER VISIBLE A DOUBLE LONGUEUR D'ONDE
[72] FEVE, JEAN-PHILIPPE, US
[72] ZEDIKER, MARK, US
[71] NUBURU, INC., US
[85] 2022-12-06
[86] 2021-06-09 (PCT/US2021/036695)
[87] (WO2021/252694)
[30] US (63/036,964) 2020-06-09

[21] 3,181,708
[13] A1

[51] Int.Cl. B65G 17/48 (2006.01)
[25] EN
[54] CONVEYOR SYSTEMS
[54] SYSTEMES DE CONVOYEUR
[72] GOUGH, GEORGE TERAH, US
[71] GOUGH, GEORGE TERAH, US
[85] 2022-12-06
[86] 2021-06-08 (PCT/IB2021/055040)
[87] (WO2021/250570)
[30] US (63/036,023) 2020-06-08

[21] 3,181,710
[13] A1

[51] Int.Cl. H05H 5/06 (2006.01) H05H 7/02 (2006.01) H05H 7/08 (2006.01)
[25] EN
[54] SYSTEMS, DEVICES, AND METHODS FOR ION BEAM MODULATION
[54] SYSTEMES, DISPOSITIFS ET PROCEDES DE MODULATION DE FAISCEAU D'IONS
[72] VEKSELMAN, VLADISLAV, US
[72] DUNAEVSKY, ALEXANDER, US
[72] KOREPANOV, ANDREY A., US
[71] TAE TECHNOLOGIES, INC., US
[85] 2022-12-06
[86] 2021-06-23 (PCT/US2021/038652)
[87] (WO2021/262831)
[30] US (63/044,314) 2020-06-25

[21] 3,181,711
[13] A1

[51] Int.Cl. B22F 3/00 (2021.01) B23K 26/342 (2014.01) B33Y 10/00 (2015.01) B22F 10/00 (2021.01) B23K 15/00 (2006.01) B23K 26/12 (2014.01) B23K 28/00 (2006.01) B23K 35/30 (2006.01) B23K 35/38 (2006.01)
[25] EN
[54] METHOD AND APPARATUS FOR ADDITIVE MANUFACTURING UNDER PROTECTIVE GAS
[54] PROCEDE ET DISPOSITIF DE FABRICATION ADDITIVE SOUS GAZ PROTECTEUR
[72] HILDEBRANDT, BERND, DE
[72] KAMPFFMEYER, DIRK, DE
[71] MESSER SE & CO KGAA, DE
[85] 2022-12-06
[86] 2021-06-02 (PCT/EP2021/064789)
[87] (WO2021/245134)
[30] DE (10 2020 003 426.8) 2020-06-06

[21] 3,181,712
[13] A1

[51] Int.Cl. A61F 13/56 (2006.01) C09J 153/02 (2006.01)
[25] EN
[54] HOT MELT PRESSURE SENSITIVE ADHESIVE COMPOSITIONS AND ARTICLES INCLUDING THE SAME
[54] COMPOSITIONS ADHESIVES SENSIBLES A LA PRESSION THERMOFUSIBLES ET ARTICLES LES COMPRENANT
[72] EVERSON, DANIEL A., US
[72] MICHEL, ANDREW R., US
[72] MANSOUR, AMEARA S., US
[71] H.B. FULLER COMPANY, US
[85] 2022-12-06
[86] 2021-07-16 (PCT/US2021/070887)
[87] (WO2022/016193)
[30] US (63/053,057) 2020-07-17

[21] 3,181,714
[13] A1

[51] Int.Cl. A47J 31/44 (2006.01) A47J 31/60 (2006.01)
[25] EN
[54] BEVERAGE PREPARATION MACHINE WITH MACHINE HOUSING AND DETACHABLE LIQUID TANK
[54] MACHINE DE PREPARATION DE BOISSONS DOTEE D'UN BOITIER DE MACHINE ET RESERVOIR DE LIQUIDE AMOVIBLE
[72] KOLLEP, ALEXANDRE, CH
[72] VUAGNIAUX, DIDIER, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2022-12-06
[86] 2021-07-29 (PCT/EP2021/071284)
[87] (WO2022/023478)
[30] EP (20188293.3) 2020-07-29

PCT Applications Entering the National Phase

[21] 3,181,715

[13] A1

- [51] Int.Cl. A61K 31/00 (2006.01) C12Q 1/6886 (2018.01) A61P 35/00 (2006.01) G01N 33/574 (2006.01)
 - [25] EN
 - [54] BIOMARKERS FOR CANCER THERAPY USING MDM2 ANTAGONISTS
 - [54] BIOMARQUEURS POUR LA THERAPIE ANTICANCEREUSE UTILISANT DES ANTAGONISTES DE MDM2
 - [72] FERRARI, NICOLA, GB
 - [72] SAINI, HARPREET KAUR, GB
 - [72] AHN, JONG SOOK, GB
 - [71] OTSUKA PHARMACEUTICAL CO., LTD., JP
 - [85] 2022-12-06
 - [86] 2021-08-27 (PCT/IB2021/057853)
 - [87] (WO2022/043930)
 - [30] GB (2013476.3) 2020-08-27
 - [30] GB (2020493.9) 2020-12-23
-

[21] 3,181,717

[13] A1

- [51] Int.Cl. B32B 15/092 (2006.01) C09D 5/25 (2006.01) C09D 161/10 (2006.01) C09D 163/00 (2006.01) C23C 22/00 (2006.01) C23C 26/00 (2006.01) H01F 1/18 (2006.01) H02K 1/04 (2006.01)
- [25] EN
- [54] COATING COMPOSITION FOR ELECTRICAL STEEL SHEET, ELECTRICAL STEEL SHEET, LAMINATED CORE AND ROTARY ELECTRIC MACHINE
- [54] COMPOSITION DE REVETEMENT POUR TOLES D'ACIER ELECTROMAGNETIQUE, TOLE D'ACIER ELECTROMAGNETIQUE, NOYAU FEUILLETE ET MACHINE DYNAMO-ELECTRIQUE
- [72] TAKEDA, KAZUTOSHI, JP
- [72] TAKATANI, SHINSUKE, JP
- [72] FUKUCHI, MINAKO, JP
- [72] TANAKA, ICHIRO, JP
- [71] NIPPON STEEL CORPORATION, JP
- [85] 2022-12-06
- [86] 2021-06-17 (PCT/JP2021/023029)
- [87] (WO2021/256533)
- [30] JP (2020-104248) 2020-06-17

[21] 3,181,718

[13] A1

- [51] Int.Cl. E01B 25/30 (2006.01) E01B 25/24 (2006.01)
 - [25] EN
 - [54] GUIDE TUBE AND HYPERLOOP DEVICE INCLUDING SAME
 - [54] TUBE DE GUIDAGE ET DISPOSITIF D'HYPEROUBL COMPRENANT CELUI-CI
 - [72] CHO, WOO-YEON, KR
 - [71] POSCO CO., LTD, KR
 - [85] 2022-12-06
 - [86] 2021-06-08 (PCT/KR2021/007139)
 - [87] (WO2021/251722)
 - [30] KR (10-2020-0068947) 2020-06-08
-

[21] 3,181,719

[13] A1

- [51] Int.Cl. C09D 163/00 (2006.01) C09D 163/10 (2006.01) C09D 167/08 (2006.01) C09D 191/00 (2006.01) C09F 9/00 (2006.01)
- [25] EN
- [54] PAINTS CONTAINING DRIERS BASED ON VANADIUM COMPOUNDS BEARING ANIONS OF SULFONIC ACIDS AS COUNTER IONS
- [54] PEINTURES CONTENANT DES SICCATIFS A BASE DE COMPOSES DE VANADIUM PORTANT DES ANIONS D'ACIDES SULFONIQUES EN TANT QUE CONTRE-IONS
- [72] KLUSSMANN, MARTIN, DE
- [72] SIMPSON, NEIL JOHN, DE
- [72] HONZICEK, JAN, CZ
- [72] KALENDÁ, PETR, CZ
- [72] VINKLAREK, JAROMÍR, CZ
- [72] CHARAMZOVA, IVA, CZ
- [71] BORCHERS GMBH, DE
- [85] 2022-12-06
- [86] 2021-06-23 (PCT/EP2021/067205)
- [87] (WO2021/260037)
- [30] CZ (PV 2020-366) 2020-06-24

[21] 3,181,720

[13] A1

- [51] Int.Cl. H01Q 3/24 (2006.01) H01Q 3/28 (2006.01) H03F 1/26 (2006.01) H03F 3/191 (2006.01) H03F 3/193 (2006.01) H03F 3/195 (2006.01)
 - [25] EN
 - [54] SYSTEMS AND METHODS FOR MODULAR POWER AMPLIFIERS
 - [54] SYSTEMES ET PROCEDES POUR AMPLIFICATEURS MODULAIRES DE PUISSANCE
 - [72] KULTRAN, DENPOL, US
 - [72] MONTEMURO, ALBERT, US
 - [72] ECHOFF, JACOB ZINN, US
 - [72] MARASIGAN, MICHELLE, US
 - [72] HIATT, MICHAEL JOHN, US
 - [72] CHAVES, JASON REIS, US
 - [72] BORISOV, MICHAEL ALEX, US
 - [72] LEE, JAR JUEH, US
 - [72] MARR, HARRY BOURNE JR., US
 - [72] BUETOW, SCOTT WILLIAM, US
 - [72] SO, YIU MAN (DECEASED), US
 - [71] EPIRUS, INC., US
 - [85] 2022-12-06
 - [86] 2021-06-22 (PCT/US2021/038529)
 - [87] (WO2021/262748)
 - [30] US (16/908,476) 2020-06-22
-

[21] 3,181,721

[13] A1

- [51] Int.Cl. C07H 1/06 (2006.01) A23C 9/14 (2006.01) A23C 9/142 (2006.01) A23C 9/146 (2006.01) C07H 1/08 (2006.01) C07H 3/06 (2006.01)
- [25] EN
- [54] IMPROVED DEMINERALIZATION OF FERMENTATION BROTHS AND PURIFICATION OF FINE CHEMICALS SUCH AS OLIGOSACCHARIDES
- [54] DEMINERALISATION AMELIOREE DE BOUILLONS DE FERMENTATION ET PURIFICATION DE PRODUITS CHIMIQUES FINS TELS QUE DES OLIGOSACCHARIDES
- [72] BILLING, JOHAN FREDRIK, DE
- [72] KAPPERT, EMIEL JAN, DE
- [72] WONG, CHUNG HUAN, DE
- [72] MALISZ, JACEK, DE
- [71] BASF SE, DE
- [85] 2022-12-06
- [86] 2021-06-10 (PCT/EP2021/065685)
- [87] (WO2021/250191)
- [30] EP (20179785.9) 2020-06-12

Demandes PCT entrant en phase nationale

<p>[21] 3,181,722 [13] A1</p> <p>[51] Int.Cl. A61P 3/06 (2006.01) A61P 3/10 (2006.01) A61P 9/12 (2006.01) C07D 277/54 (2006.01)</p> <p>[25] EN</p> <p>[54] SALTS OR CO-CRYSTALS OF {2-[3-CYCLOHEXYL-3-(TRANS-4-PROPOXY-CYCLOHEXYL)-UREIDO]-THIAZOL-5-YLSULFANYL}-ACETIC ACID AND USES THEREOF</p> <p>[54] SELS OU CO-CRISTAUX DE {2-[3-CYCLOHEXYL-3-(TRANS-4-PROPOXY-CYCLOHEXYL)-UREIDO]-THIAZOL-5-YLSULFANYL}-ACIDE ACETIQUE ET LEURS UTILISATIONS</p> <p>[72] TENG, JING, US</p> <p>[72] GIGNAC, NATHAN E., US</p> <p>[71] VTV THERAPEUTICS LLC, US</p> <p>[85] 2022-12-06</p> <p>[86] 2021-06-07 (PCT/US2021/036084)</p> <p>[87] (WO2021/252311)</p> <p>[30] US (63/035,996) 2020-06-08</p>

<p>[21] 3,181,723 [13] A1</p> <p>[51] Int.Cl. A63C 1/02 (2006.01) A63C 1/28 (2006.01) A63C 1/32 (2006.01) A63C 1/40 (2006.01)</p> <p>[25] EN</p> <p>[54] BLADE HOLDER</p> <p>[54] SUPPORT DE LAME</p> <p>[72] MARS, PER, SE</p> <p>[72] ANDERSSON, FREDRIK, SE</p> <p>[71] FLOW MOTION TECHNOLOGY AB, SE</p> <p>[85] 2022-12-06</p> <p>[86] 2021-06-01 (PCT/EP2021/064695)</p> <p>[87] (WO2022/002512)</p> <p>[30] SE (2050798-4) 2020-06-30</p>

<p>[21] 3,181,724 [13] A1</p> <p>[51] Int.Cl. G16H 40/20 (2018.01) G16H 70/20 (2018.01) G06F 3/048 (2013.01)</p> <p>[25] EN</p> <p>[54] PROCEDURE AND SURGICAL INFORMATION ALERT SYSTEM</p> <p>[54] SYSTEME D'ALERTE DE PROCEDURE ET D'INFORMATIONS CHIRURGICALES</p> <p>[72] EIPPERT, GREGORY A., US</p> <p>[72] BOWENS, JAMES, US</p> <p>[71] BUCKINGHAM HOLDINGS, LLC, US</p> <p>[85] 2022-12-06</p> <p>[86] 2021-06-15 (PCT/US2021/037520)</p> <p>[87] (WO2021/257632)</p> <p>[30] US (63/039,310) 2020-06-15</p>
--

<p>[21] 3,181,729 [13] A1</p> <p>[51] Int.Cl. C23C 22/73 (2006.01) C23F 11/167 (2006.01) C23F 11/173 (2006.01) C23G 1/24 (2006.01) C23G 1/26 (2006.01) C23C 22/18 (2006.01) C23C 22/83 (2006.01)</p> <p>[25] EN</p> <p>[54] AQUEOUS PICKLING COMPOSITIONS AND THEIR USE</p> <p>[54] COMPOSITIONS DE DECAPAGE AQUEUX ET LEUR UTILISATION</p> <p>[72] MOHR, ANNA VERENA, DE</p> <p>[72] SIX, MARCELL, DE</p> <p>[72] KHELFALLAH, NAWEL SOUAD, DE</p> <p>[71] CHEMETALL GMBH, DE</p> <p>[85] 2022-12-06</p> <p>[86] 2021-06-04 (PCT/EP2021/064965)</p> <p>[87] (WO2021/249878)</p> <p>[30] EP (20179325.4) 2020-06-10</p>

<p>[21] 3,181,725 [13] A1</p> <p>[51] Int.Cl. C12Q 1/6813 (2018.01)</p> <p>[25] EN</p> <p>[54] MULTIPLEX METHOD FOR DETECTING DIFFERENT ANALYTES IN A SAMPLE</p> <p>[54] PROCEDE MULTIPLEX DE DETECTION D'ANALYTES DIFFERENTS DANS UN ECHANTILLON</p> <p>[72] GEIPEL, ANDREAS, DE</p> <p>[72] REINECKE, FRANK, DE</p> <p>[72] KORFHAGE, CHRISTIAN, DE</p> <p>[71] RESOLVE BIOSCIENCES GMBH, DE</p> <p>[85] 2022-12-06</p> <p>[86] 2021-06-18 (PCT/EP2021/066620)</p> <p>[87] (WO2021/255244)</p> <p>[30] EP (PCT/EP2020/067010) 2020-06-18</p> <p>[30] US (63/127,910) 2020-12-18</p> <p>[30] US (63/129,942) 2020-12-23</p>

<p>[21] 3,181,727 [13] A1</p> <p>[51] Int.Cl. E05D 11/00 (2006.01) G02C 5/22 (2006.01)</p> <p>[25] EN</p> <p>[54] HINGE FOR ELECTRONIC EYEGLASSES</p> <p>[54] CHARNIERE POUR LUNETTES ELECTRONIQUES</p> <p>[72] PELLEGRINI, DANIELE, IT</p> <p>[72] MICHELON, DINO, IT</p> <p>[71] LUXOTTICA S.R.L., IT</p> <p>[85] 2022-12-06</p> <p>[86] 2021-07-09 (PCT/IB2021/056188)</p> <p>[87] (WO2022/018558)</p> <p>[30] IT (102020000017815) 2020-07-23</p>
--

<p>[21] 3,181,730 [13] A1</p> <p>[51] Int.Cl. A61K 31/382 (2006.01) A61K 31/495 (2006.01) A61K 31/496 (2006.01)</p> <p>[25] EN</p> <p>[54] COMBINATION THERAPIES</p> <p>[54] POLYTHERAPIES</p> <p>[72] GOLD, DANIEL P., US</p> <p>[71] MEI PHARMA, INC., US</p> <p>[85] 2022-12-06</p> <p>[86] 2021-06-10 (PCT/US2021/036833)</p> <p>[87] (WO2021/252776)</p> <p>[30] US (63/037,750) 2020-06-11</p>

<p>[21] 3,181,731 [13] A1</p> <p>[51] Int.Cl. A61K 51/08 (2006.01) A61K 51/04 (2006.01)</p> <p>[25] EN</p> <p>[54] GRANZYME B DIRECTED IMAGING AND THERAPY</p> <p>[54] THERAPIE ET IMAGERIE DIRIGÉES PAR GRANZYME B</p> <p>[72] CLAY, JULIA MARIE, US</p> <p>[72] XIONG, HUI, US</p> <p>[72] RULEY, KEVIN MICHAEL, US</p> <p>[72] VALENZUELA, FRANCISCO A., US</p> <p>[72] HOYE, ADAM T., US</p> <p>[72] CASTANARES, MARK A., US</p> <p>[72] KRONAUGE, JAMES, US</p> <p>[71] CYTOSITE BIOPHARMA INC., US</p> <p>[85] 2022-12-06</p> <p>[86] 2021-06-09 (PCT/US2021/036661)</p> <p>[87] (WO2021/252664)</p> <p>[30] US (63/036,918) 2020-06-09</p>
--

PCT Applications Entering the National Phase

[21] 3,181,732
[13] A1

- [51] Int.Cl. A61K 8/34 (2006.01) A61K 8/35 (2006.01) A61K 8/37 (2006.01) A61K 8/49 (2006.01) A61K 8/63 (2006.01)
 - [25] EN
 - [54] USE OF COMPOUNDS AS SELF-TANNING SUBSTANCES AND TANNING COMPOSITIONS THEREOF
 - [54] UTILISATION DE COMPOSES EN TANT QUE SUBSTANCES AUTO-BRONZANTES ET COMPOSITIONS DE BRONZAGE CORRESPONDANTES
 - [72] HUYSSEUNE, SANDRA, BE
 - [72] VEITHEN, ALEX, BE
 - [72] QUESNEL, YANNICK, BE
 - [71] CHEMCOM S.A., BE
 - [85] 2022-12-06
 - [86] 2021-06-25 (PCT/EP2021/067466)
 - [87] (WO2021/260168)
 - [30] EP (20182311.9) 2020-06-25
-

[21] 3,181,733
[13] A1

- [51] Int.Cl. C12N 9/10 (2006.01) C12N 15/09 (2006.01) C12N 15/52 (2006.01)
- [25] EN
- [54] ENZYME AND REGULATORY PROTEINS IN TRYPTAMINE METABOLISM
- [54] ENZYMES ET PROTEINES REGULATRICES DANS LE METABOLISME DE LA TRYPTAMINE
- [72] PEIFFER, LAURA FLATAUER, US
- [72] VOGAN, JACOB MICHAEL, US
- [72] WADE, JAMES LEE, US
- [72] YACOUB, TYRONE JACOB, US
- [72] TANG, KIRSTEN, US
- [72] BURNETT, RACHEL NADINE, US
- [71] CB THERAPEUTICS, INC., US
- [85] 2022-12-06
- [86] 2021-06-04 (PCT/US2021/036031)
- [87] (WO2021/248087)
- [30] US (63/035,692) 2020-06-06

[21] 3,181,736
[13] A1

- [51] Int.Cl. A47J 27/08 (2006.01) A47J 37/12 (2006.01)
 - [25] EN
 - [54] PRESSURE FRYER
 - [54] FRITEUSE A PRESSION
 - [72] FREY MILLER, OTLEY D., US
 - [72] SPORS, SEAN, US
 - [71] THE BROASTER COMPANY, US
 - [85] 2022-12-06
 - [86] 2021-06-07 (PCT/US2021/036204)
 - [87] (WO2021/252370)
 - [30] US (16/895,413) 2020-06-08
-

[21] 3,181,737
[13] A1

- [51] Int.Cl. C12Q 1/6813 (2018.01)
- [25] EN
- [54] MULTIPLEX METHOD FOR DETECTING DIFFERENT ANALYTES AND DIFFERENT SUBGROUPS/VARIATIONS OF AN ANALYTE IN A SAMPLE

- [54] PROCEDE MULTIPLEX POUR DETECTER DIFFERENTS ANALYTES ET DIFFERENTS SOUS-GROUPES/VARIATIONS D'UN ANALYTE DANS UN ECHANTILLON

- [72] GEIPEL, ANDREAS, DE
- [72] REINECKE, FRANK, DE
- [72] KORFHAGE, CHRISTIAN, DE
- [71] RESOLVE BIOSCIENCES GMBH, DE
- [85] 2022-12-06
- [86] 2021-06-18 (PCT/EP2021/066668)
- [87] (WO2021/255263)
- [30] EP (PCT/EP2020/067010) 2020-06-18
- [30] US (63/127,910) 2020-12-18
- [30] US (63/129,942) 2020-12-23

[21] 3,181,739
[13] A1

- [51] Int.Cl. C08G 18/22 (2006.01) C08G 18/24 (2006.01) C08G 18/42 (2006.01) C08G 18/46 (2006.01) C08G 18/76 (2006.01) C08J 9/14 (2006.01) C08K 5/54 (2006.01)
 - [25] EN
 - [54] POLYISOCYANURATE FOAMS WITH FLAME RETARDANT PROPERTIES AND PROCESS FOR MAKING THE SAME
 - [54] MOUSSES DE POLYISOCYANURATE PRESENTANT DES PROPRIETES IGNIFUGES ET PROCEDE POUR LES FABRIQUER
 - [72] LUNA, JOSE, US
 - [72] VALENTINE, CHARLES, US
 - [71] SES FOAM, LLC, US
 - [85] 2022-12-06
 - [86] 2021-06-22 (PCT/US2021/038382)
 - [87] (WO2021/262656)
 - [30] US (63/042,161) 2020-06-22
-

[21] 3,181,740
[13] A1

- [51] Int.Cl. A61B 90/57 (2016.01) A61G 13/10 (2006.01) A61N 5/10 (2006.01)
- [25] EN
- [54] FIXATION SUPPORT DEVICE FOR BRACHYTHERAPY WITH OR WITHOUT IMAGE GUIDANCE
- [54] DISPOSITIF DE SUPPORT DE FIXATION POUR CURIETHERAPIE AVEC OU SANS GUIDAGE D'IMAGES
- [72] LIN, EMILY, US
- [72] UMANZOR, RODRIGO, US
- [72] PORTER, CHRISTOPHER, US
- [72] KELLEY, KEVIN, US
- [72] SLAVIK, MARY ANN, US
- [71] COWLES VENTURES, LLC, US
- [85] 2022-12-06
- [86] 2021-06-08 (PCT/US2021/036474)
- [87] (WO2021/252534)
- [30] US (63/036,266) 2020-06-08
- [30] US (63/088,280) 2020-10-06

Demandes PCT entrant en phase nationale

[21] 3,181,741
[13] A1

- [51] Int.Cl. C07K 14/715 (2006.01) A61P 9/10 (2006.01)
 - [25] EN
 - [54] CHEMOKINE-SELECTIVE CXCR4 ECTODOMAIN-DERIVED (POLY)PEPTIDE
 - [54] (POLY)PEPTIDE DERIVE DE L'ECTODOMAINE CXCR4 SELECTIF DE CHIMIOKINE
 - [72] BERNHAGEN, JURGEN, DE
 - [72] EL BOUNKARI, OMAR, DE
 - [72] KAPURNIOTU, APHRODITE, DE
 - [72] KONTOS, CHRISTOS, DE
 - [71] LUDWIG-MAXIMILIANS-UNIVERSITAT MUNCHEN, DE
 - [71] TECHNISCHE UNIVERSITAT MUNCHEN, DE
 - [85] 2022-12-06
 - [86] 2021-06-15 (PCT/EP2021/066015)
 - [87] (WO2021/254979)
 - [30] EP (20180269.1) 2020-06-16
-

[21] 3,181,750
[13] A1

- [51] Int.Cl. C07K 16/08 (2006.01) A61K 39/395 (2006.01) A61P 31/12 (2006.01) A61P 31/20 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)
- [25] EN
- [54] ANTI-BK VIRUS ANTIBODY MOLECULES
- [54] MOLECULES D'ANTICORPS ANTI-VIRUS BK
- [72] WEBER, MARCEL, CH
- [72] SCHMITT, SIMONE, CH
- [72] ESSLINGER, CHRISTOPH, CH
- [72] SCHACHTNER, THOMAS, CH
- [72] HUYNH-DO, UYEN, CH
- [72] PROVENZANO, MAURIZIO, CH
- [71] MEMO THERAPEUTICS AG, CH
- [71] UNIVERSITAT BERN, CH
- [71] UNIVERSITAT ZURICH, CH
- [85] 2022-12-06
- [86] 2021-06-09 (PCT/EP2021/065462)
- [87] (WO2021/250097)
- [30] EP (20179041.7) 2020-06-09
- [30] EP (20179044.1) 2020-06-09

[21] 3,181,751
[13] A1

- [51] Int.Cl. C07K 16/10 (2006.01) A61K 47/68 (2017.01)
 - [25] EN
 - [54] DETECTION OF ANTIBODIES TO SARS-COV-2
 - [54] DETECTION D'ANTICORPS CONTRE LE SARS-COV-2
 - [72] BUCH, JESSE STEPHEN, US
 - [72] BOUCHER, JOSHUA MICHAEL, US
 - [72] LIU, JIAYOU, US
 - [72] MORIN, TREVOR JUSTIN, US
 - [72] KRAH, EUGENE REGIS III, US
 - [71] IDEXX LABORATORIES, INC., US
 - [85] 2022-12-06
 - [86] 2021-06-08 (PCT/IB2021/000395)
 - [87] (WO2021/250467)
 - [30] US (63/036,403) 2020-06-08
-

[21] 3,181,752
[13] A1

- [51] Int.Cl. H01J 49/04 (2006.01) G01N 27/622 (2021.01)
- [25] EN
- [54] METHOD FOR DETECTING ANALYTES
- [54] PROCEDE DE DETECTION D'ANALYTES
- [72] MINHAS, RAJPREET SINGH, AU
- [72] RUDD, DAVID, AU
- [72] GUINAN, TARYN, AU
- [72] VOELCKER, NICOLAS HANS, AU
- [71] MONASH UNIVERSITY, AU
- [85] 2022-12-06
- [86] 2021-06-15 (PCT/AU2021/050617)
- [87] (WO2021/253080)
- [30] AU (2020901962) 2020-06-15

[21] 3,181,762
[13] A1

- [51] Int.Cl. B01L 7/00 (2006.01) G01N 33/48 (2006.01)
 - [25] EN
 - [54] BIOLOGICAL SAMPLE ANALYZER WITH AUTOMATIC THERMAL COOLING ADJUSTMENT FOR ALTITUDE
 - [54] ANALYSEUR D'ECHANTILLON BIOLOGIQUE POURVU D'UN AJUSTEMENT AUTOMATIQUE THERMIQUE DE REFROIDISSEMENT EN RAISON DE L'ALTITUDE
 - [72] ZANTOS, GEORGE, US
 - [71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
 - [85] 2022-12-06
 - [86] 2021-06-16 (PCT/US2021/037609)
 - [87] (WO2021/262501)
 - [30] US (63/043,996) 2020-06-25
-

[21] 3,181,771
[13] A1

- [51] Int.Cl. B26F 1/38 (2006.01) B65H 16/00 (2006.01) B65H 16/04 (2006.01) B65H 35/06 (2006.01)
- [25] EN
- [54] RE-SEALER FOR A MULTI-PLY CUTTER
- [54] APPAREIL A RESCELLER POUR UN DISPOSITIF DE COUPE D'EPAISSEURS MULTIPLES
- [72] POULIN, BRETT, US
- [72] PAN, HONG, US
- [71] GERBER TECHNOLOGY LLC, US
- [85] 2022-12-06
- [86] 2021-06-08 (PCT/US2021/036288)
- [87] (WO2021/252412)
- [30] US (63/036,132) 2020-06-08

PCT Applications Entering the National Phase

[21] 3,181,772

[13] A1

- [51] Int.Cl. A23J 1/00 (2006.01) C13B 20/16 (2011.01) A23K 10/35 (2016.01) A23L 9/10 (2016.01) A23L 19/12 (2016.01) A23L 33/185 (2016.01) A23J 1/16 (2006.01) A23J 3/14 (2006.01) A23L 2/08 (2006.01) B01D 61/14 (2006.01) B01D 61/16 (2006.01) C07K 1/34 (2006.01)
- [25] EN
- [54] METHOD FOR SEPARATION OF POTATO PROTEINS AND INSOLUBLE FIBERS FROM PHENOLIC AND/OR GLYCOALKALOID COMPOUNDS
- [54] PROCEDE DE SEPARATION ENTRE PROTEINES DE POMME DE TERRE ET FIBRES INSOLUBLES ET COMPOSES PHENOLIQUES ET/OU GLYCOALCALOIDES

[72] LIHME, ALLAN OTTO FOG, DK
 [72] HANSEN, MARIE BENDIX, DK
 [72] LINDVED, BODIL KJÆR, DK
 [72] JORDENS, RICK ADRIANUS PETRUS, NL
 [71] DUYNIE HOLDING B.V., NL
 [85] 2022-12-06
 [86] 2021-06-23 (PCT/EP2021/067207)
 [87] (WO2021/260039)
 [30] DK (PA 2020 70411) 2020-06-23
 [30] DK (PA 2020 70792) 2020-11-27

[21] 3,181,785

[13] A1

- [51] Int.Cl. C07D 401/04 (2006.01) A01N 43/56 (2006.01) C07C 233/65 (2006.01)
- [25] EN
- [54] SOLID STATE FORMS OF CYANTRANILIPROLE
- [54] FORMES SOLIDES DE CYANTRANILIPROLE
- [72] SUEZ, GAL, IL
 [72] FORCKOSH, HAGIT, IL
 [72] GOLUB, YANAI, IL
 [72] LIE, JIE, CN
 [72] CHEN, BOB, CN
 [72] PARNES, REGEV, IL
 [71] ADAMA MAKHTESHIM LTD., IL
 [85] 2022-12-07
 [86] 2021-06-08 (PCT/CN2021/098903)
 [87] (WO2021/249395)
 [30] US (63/035,865) 2020-06-08

[21] 3,181,797

[13] A1

- [51] Int.Cl. C07D 401/04 (2006.01) C07C 231/02 (2006.01)
- [25] EN
- [54] THE PROCESS OF PREPARATION OF ANTHRANILAMIDES
- [54] PROCEDE DE PREPARATION D'ANTHRANILAMIDES
- [72] SUEZ, GAL, IL
 [72] FORCKOSH, HAGIT, IL
 [72] GOLUB, YANAI, IL
 [72] LIE, JIE, CN
 [72] CHEN, BOB, CN
 [72] PARNE, REGEV, IL
 [71] ADAMA MAKHTESHIM LTD., IL
 [85] 2022-12-07
 [86] 2021-06-08 (PCT/CN2021/098904)
 [87] (WO2021/249396)
 [30] US (63/035,865) 2020-06-08

[21] 3,181,802

[13] A1

- [51] Int.Cl. A01N 25/02 (2006.01) A01N 59/00 (2006.01) A01N 59/08 (2006.01) A01P 1/00 (2006.01) A61L 9/01 (2006.01)
- [25] EN
- [54] COMPOSITION FOR INHIBITING BINDING OF SARS-COV-2 TO ACE2 PROTEIN
- [54]
- [72] OGATA, NORIO, JP
 [72] MIURA, TAKANORI, JP
 [71] TAIKO PHARMACEUTICAL CO., LTD., JP
 [85] 2022-12-07
 [86] 2021-03-03 (PCT/JP2021/008093)
 [87] (WO2021/261020)
 [30] JP (2020-108856) 2020-06-24

[21] 3,181,804

[13] A1

- [51] Int.Cl. A61B 5/145 (2006.01) A61B 5/1473 (2006.01) A61B 5/1486 (2006.01) G01N 27/327 (2006.01)
- [25] EN
- [54] ANALYTE SENSORS FEATURING ONE OR MORE DETECTION-FACILITATING ENHANCEMENTS
- [54] CAPTEURS D'ANALYTE PRÉSENTANT UNE OU PLUSIEURS AMELIORATIONS FACILITANT LA DETECTION
- [72] LIU, ZENGHE, US
 [72] FOX, CADE BRYLEE, US
 [72] MCCANLESS, JONATHAN D., US
 [72] FELDMAN, BENJAMIN J., US
 [71] ABBOTT DIABETES CARE, INC., US
 [85] 2022-12-07
 [86] 2021-05-13 (PCT/US2021/032180)
 [87] (WO2021/252124)
 [30] US (63/037,051) 2020-06-10

[21] 3,181,808

[13] A1

- [51] Int.Cl. A61B 5/00 (2006.01) G01N 21/64 (2006.01)
- [25] EN
- [54] DIRECT IN-VIVO TUMOR IMAGING USING OPTICAL APPLICATOR
- [54] IMAGERIE TUMORALE DIRECTE IN VIVO A L'AIDE D'UN APPLICATEUR OPTIQUE
- [72] MACDOUGALL, TREVOR, US
 [72] YANG, YI, US
 [71] LUMEDA INC., US
 [85] 2022-12-07
 [86] 2021-06-08 (PCT/US2021/036282)
 [87] (WO2021/252409)
 [30] US (63/036,574) 2020-06-09

Demandes PCT entrant en phase nationale

[21] 3,181,809
[13] A1

[51] Int.Cl. A61M 1/02 (2006.01) A61M 1/34 (2006.01) A61M 1/36 (2006.01)
[25] EN
[54] DEVICES AND METHODS FOR PLASMA SEPARATION AND METERING
[54] DISPOSITIFS ET PROCEDES DE SEPARATION ET DE DOSAGE DE PLASMA
[72] KAUFFMANN, AARON, US
[72] STRADINGER, JON, US
[72] LEDDEN, DAVID, US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
[85] 2022-12-07
[86] 2021-06-28 (PCT/US2021/039341)
[87] (WO2022/005953)
[30] US (63/045,396) 2020-06-29

[21] 3,181,810
[13] A1

[25] EN
[54] METHOD FOR PROVIDING MULTICAST DNS SERVICES ACROSS IP SUBNET BOUNDARIES
[54] PROCEDE POUR FOURNIR DES SERVICES DNS DE MULTIDIFFUSION A TRAVERS DES FRONTIERES DE SOUS-RESEAUX IP
[72] GRIFFITHS, MARK STEPHEN, US
[72] FRICK, MATTHEW STEPHEN, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2022-12-07
[86] 2021-05-05 (PCT/US2021/030858)
[87] (WO2022/005603)
[30] US (63/046,049) 2020-06-30

[21] 3,181,811
[13] A1

[51] Int.Cl. C12N 5/00 (2006.01) C12N 5/077 (2010.01)
[25] EN
[54] SYSTEMS AND METHODS FOR CELL CONVERSION
[54] SYSTEMES ET METHODES DE CONVERSION DE CELLULES
[72] FARAH, RUTH, GB
[72] BOLLAG, BENJAMINA, GB
[72] EMAWODIA, JOY, GB
[72] WALLIS, STEPHANIE, GB
[71] HIGHERSTEAKS LIMITED, GB
[85] 2022-12-07
[86] 2021-06-09 (PCT/GB2021/051437)
[87] (WO2021/250407)
[30] GB (2008821.7) 2020-06-10

[21] 3,181,812
[13] A1

[51] Int.Cl. A61K 39/00 (2006.01) A61K 39/187 (2006.01) A61P 31/20 (2006.01) C07K 14/005 (2006.01)
[25] EN
[54] AFRICAN SWINE FEVER VACCINE COMPOSITION
[54] COMPOSITION DE VACCIN CONTRE LA PESTE PORCINE AFRICAINE
[72] KIM, EUN JIN, KR
[72] UHM, TAE-GI, KR
[72] SONG, KYUNG-JOO, KR
[72] KIM, MIN-JI, KR
[72] YOUNG, GEUN-YOUNG, KR
[71] PLUMBLINE LIFE SCIENCES, INC., KR
[85] 2022-12-07
[86] 2021-04-14 (PCT/KR2021/004724)
[87] (WO2021/210924)
[30] KR (10-2020-0045271) 2020-04-14

[21] 3,181,816
[13] A1

[51] Int.Cl. C07D 498/22 (2006.01)
[25] EN
[54] N-LINKED MACROCYCLIC 4-(PYRAZOL-5-YL)-INDOLE DERIVATIVES AS INHIBITORS OF MCL-1
[54] DERIVES DE 4-(PYRAZOL-5-YL)-INDOLE MACROCYCLIQUES A LIAISON N UTILES EN TANT QU'INHIBITEURS DE MCL-1
[72] PESCHIULLI, ALDO, BE
[72] ROMBOOTS, FREDERIK JAN RITA, BE
[72] VELTER, ADRIANA-INGRID, BE
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2022-12-07
[86] 2021-06-18 (PCT/EP2021/066655)
[87] (WO2021/255258)
[30] EP (20181144.5) 2020-06-19

[21] 3,181,813
[13] A1

[51] Int.Cl. H03M 7/30 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR COMPRESSION AND ENCRYPTION OF DATA
[54] SYSTEMES ET PROCEDES DE COMPRESSION ET DE CHIFFREMENT DE DONNEES
[72] MCELVEEN, CHRISTOPHER A., US
[71] LOGNOVATIONS HOLDINGS, LLC, US
[85] 2022-12-07
[86] 2021-06-01 (PCT/US2021/035272)
[87] (WO2021/252227)
[30] US (16/899,457) 2020-06-11

[21] 3,181,818
[13] A1

[51] Int.Cl. G06F 12/14 (2006.01) G06F 13/14 (2006.01) H04L 9/00 (2022.01) H04L 9/32 (2006.01)
[25] EN
[54] SECURED COMMUNICATIONS IN MEDICAL MONITORING SYSTEMS
[54] COMMUNICATIONS SECURISEES DANS DES SYSTEMES DE SURVEILLANCE MEDICALE
[72] HUA, XUANDONG, US
[72] LENO, KURT E., US
[72] LEE, TONY S., US
[72] OW-WING, KEVIN M., US
[72] CHAN, DANNY, US
[72] HUANG, VICTOR PAISHI, US
[71] ABBOTT DIABETES CARE INC., US
[85] 2022-12-07
[86] 2021-08-31 (PCT/US2021/048512)
[87] (WO2022/047411)
[30] US (63/072,647) 2020-08-31

PCT Applications Entering the National Phase

[21] 3,181,819
[13] A1

- [51] Int.Cl. E04D 13/064 (2006.01) E04D 13/076 (2006.01)
- [25] EN
- [54] GUTTER INSTALLATION AND GUTTER MESH FASTENER
- [54] INSTALLATION DE GOUETIERE ET ELEMENT DE FIXATION POUR MAILLAGE DE GOUETIERE
- [72] JELACIC, RICHARD, AU
- [71] TOP INTELLECTUAL PROPERTY PTY LTD, AU
- [85] 2022-12-07
- [86] 2021-06-10 (PCT/AU2021/050589)
- [87] (WO2021/248195)
- [30] AU (2020901911) 2020-06-10
- [30] AU (2020101209) 2020-06-30

[21] 3,181,820
[13] A1

- [51] Int.Cl. A61K 31/337 (2006.01) A61K 31/675 (2006.01) A61K 31/704 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)
- [25] EN
- [54] METHODS AND COMPOSITIONS FOR TREATING TRIPLE-NEGATIVE BREAST CANCER
- [54] METHODES ET COMPOSITIONS DE TRAITEMENT DU CANCER DU SEIN TRIPLE NEGATIF
- [72] NGUYEN DUC, ANH, CH
- [72] CHUI, STEPHEN, US
- [71] GENENTECH, INC., US
- [71] F. HOFFMANN-LA ROCHE AG, CH
- [85] 2022-12-07
- [86] 2021-06-15 (PCT/US2021/037325)
- [87] (WO2021/257503)
- [30] US (63/039,952) 2020-06-16

[21] 3,181,821
[13] A1

- [51] Int.Cl. B01L 3/00 (2006.01) C12M 1/26 (2006.01) C12M 1/28 (2006.01) G01N 33/53 (2006.01) G01N 33/543 (2006.01)
- [25] EN
- [54] SALIVA TREATMENT DEVICES
- [54] DISPOSITIFS DE TRAITEMENT DE LA SALIVE
- [72] DEUTSCH, OMER, IL
- [72] COHEN, RALUCA, IL
- [72] NEUMANN, YOAV, IL
- [72] KRIEF, GUY, IL
- [71] SALIGNOSTICS LTD., IL
- [85] 2022-12-07
- [86] 2021-06-10 (PCT/IL2021/050697)
- [87] (WO2021/250672)
- [30] US (63/037,096) 2020-06-10
- [30] US (63/119,018) 2020-11-30

[21] 3,181,823
[13] A1

- [51] Int.Cl. B62K 5/027 (2013.01) B62K 5/06 (2006.01) B62K 7/04 (2006.01) B62K 19/04 (2006.01) B62K 19/20 (2006.01) B62K 21/12 (2006.01) B62K 23/04 (2006.01) B62K 23/06 (2006.01) B62K 25/08 (2006.01)
- [25] EN
- [54] THREE WHEELED ELECTRIC VEHICLE
- [54]
- [72] VIRANT, ROBERT, SI
- [71] VIRANT, ROBERT, SI
- [85] 2022-12-07
- [86] 2021-07-01 (PCT/EP2021/000076)
- [87] (WO2022/012772)
- [30] DE (10 2020 004 287.2) 2020-07-16

[21] 3,181,824
[13] A1

- [51] Int.Cl. C12N 15/67 (2006.01) C12N 15/79 (2006.01) C12N 15/82 (2006.01)
- [25] EN
- [54] RIBOSWITCH MODULES AND METHODS FOR CONTROLLING PROTEIN EXPRESSION IN PLANTS
- [54] MODULES RIBOREGULATEURS ET PROCEDES DE COMMANDE D'EXPRESSION PROTEIQUE DANS LES PLANTES
- [72] LIU, YANSHUN, US
- [72] DEYOUNG, BRODY JOHN, US
- [72] ZHANG, SHIRONG, US
- [72] SCHOUTEN, LAURA, US
- [72] REN, PEIFENG, US
- [72] BAUER, JOERG, US
- [72] ZHAO, EVAN M., US
- [72] COLLINS, JAMES J., US
- [72] TAN, XIAO, US
- [72] RAN, FEI, US
- [72] MAO, ANGELO S., US
- [72] DE PUIG GUIXE, HELENA, ES
- [72] CHORY, EMMA J., US
- [71] BASF CORPORATION, US
- [71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
- [85] 2022-12-07
- [86] 2021-06-11 (PCT/US2021/037077)
- [87] (WO2021/252944)
- [30] US (63/038,536) 2020-06-12

Demandes PCT entrant en phase nationale

[21] 3,181,825
[13] A1

[51] Int.Cl. A61K 31/47 (2006.01) A61P 35/04 (2006.01)
[25] EN
[54] SMALL-MOLECULE INHIBITORS OF THE FRS2-FGFR INTERACTION
[54] INHIBITEURS A PETITES MOLECULES DE L'INTERACTION FRS2-FGFR
[72] SCHNEIDER, GISBERT, CH
[72] BRUNNER, CYRILL, CH
[72] BAUMGARTNER, MARTIN, CH
[72] KUMAR, KARTHIGA SANTHANA, CH
[72] ZERBE, OLIVER, CH
[71] UNIVERSITAT ZURICH PROREKTORAT MNW, CH
[71] ETH ZURICH, CH
[85] 2022-12-07
[86] 2021-06-08 (PCT/EP2021/065340)
[87] (WO2021/250029)
[30] EP (20178685.2) 2020-06-08

[21] 3,181,826
[13] A1

[51] Int.Cl. E01B 23/06 (2006.01) A63G 4/00 (2006.01) B61B 1/02 (2006.01)
[25] EN
[54] METHOD OF BOGIE REPLACEMENT FOR TURNTABLE STATION
[54] PROCEDE DE REMPLACEMENT DE BOGIE POUR STATION A PLAQUE TOURNANTE
[72] GRIBBIN, DAVID ANDREW JR., US
[72] RUSSELL, MICHAEL DAVID JR., US
[72] SMITH, HARRISON RALEIGH, US
[72] SWANDO, DANIEL ROMAN, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2022-12-07
[86] 2021-06-30 (PCT/US2021/040005)
[87] (WO2022/006347)
[30] US (63/047,149) 2020-07-01
[30] US (17/362,769) 2021-06-29

[21] 3,181,827
[13] A1

[51] Int.Cl. C07K 16/28 (2006.01) A61P 35/02 (2006.01)
[25] EN
[54] ANTI-TUMOR COMBINATION THERAPY COMPRISING ANTI-CD19 ANTIBODY AND POLYPEPTIDES BLOCKING THE SIRP?-CD47 INNATE IMMUNE CHECKPOINT
[54] POLYTHERAPIE ANTITUMORALE COMPRENANT UN ANTICORPS ANTI-CD19 ET DES POLYPEPTIDES BLOQUANT LE POINT DE CONTROLE IMMUNITAIRE INNE SIRP?-CD47
[72] ENDELL, JAN, DE
[72] FINGERLE-ROWSON, GUNTER, DE
[72] CHAO, MARK PING, US
[71] MORPHOSYS AG, DE
[71] GILEAD SCIENCES, INC., US
[85] 2022-12-07
[86] 2021-06-22 (PCT/EP2021/066926)
[87] (WO2021/259902)
[30] EP (20181309.4) 2020-06-22
[30] EP (20210588.8) 2020-11-30

[21] 3,181,829
[13] A1

[51] Int.Cl. A61B 5/352 (2021.01) G16H 50/20 (2018.01) G16H 50/30 (2018.01) G16H 50/70 (2018.01) A61B 5/361 (2021.01) A61B 5/364 (2021.01) A61B 5/366 (2021.01)
[25] EN
[54] METHOD AND SYSTEM FOR ANALYZING HEART RHYTHMS
[54] METHODE ET SYSTEME PERMETTANT D'ANALYSER DES RYTHMES CARDIAQUES
[72] CRESPIN, ELIOT, FR
[72] ROSIER, ARNAUD, FR
[72] PERLMUTTER, DAVID, FR
[71] IMPLICITY, FR
[85] 2022-12-07
[86] 2021-06-10 (PCT/EP2021/065725)
[87] (WO2021/250218)
[30] US (63/037,081) 2020-06-10
[30] US (17/172,423) 2021-02-10

[21] 3,181,831
[13] A1

[51] Int.Cl. A61K 31/015 (2006.01) A61K 31/00 (2006.01) A61K 31/352 (2006.01) A61K 31/382 (2006.01) A61K 31/473 (2006.01) A61P 35/00 (2006.01) C07D 215/02 (2006.01) C07D 215/28 (2006.01)
[25] EN
[54] SMALL-MOLECULE INHIBITORS OF THE FRS2-FGFR INTERACTION AND THEIR USE IN MEDICINE, IN THE PREVENTION AND TREATMENT OF CANCER
[54] INHIBITEURS A PETITES MOLECULES DE L'INTERACTION FRS2-FGFR ET LEUR UTILISATION EN MEDECINE, DANS LA PREVENTION ET LE TRAITEMENT DU CANCER
[72] SCHNEIDER, GISBERT, CH
[72] BRUNNER, CYRILL, CH
[72] BAUMGARTNER, MARTIN, CH
[72] KUMAR, KARTHIGA SANTHANA, CH
[72] ZERBE, OLIVER, CH
[71] UNIVERSITAT ZURICH, CH
[71] ETH ZURICH, CH
[85] 2022-12-07
[86] 2021-06-08 (PCT/EP2021/065336)
[87] (WO2021/250025)
[30] EP (20178682.9) 2020-06-08

[21] 3,181,832
[13] A1

[51] Int.Cl. A63B 31/00 (2006.01) G03B 15/03 (2021.01) G03B 17/02 (2021.01) G03B 17/56 (2021.01) G08B 13/196 (2006.01)
[25] EN
[54] ANTI-REFLECTIVE CAMERA HOUSING SYSTEM
[54] SYSTEME DE BOITIER DE CAMERA ANTI-REFLET
[72] KNOX, SAMUEL, US
[72] BARRETT, TRAVIS, US
[72] LUPIEN, ALEXANDRE, US
[72] COSTE, VASSILY, US
[72] NEERGAARD, ERIK, US
[72] DOYLE, MAXIME, US
[72] BELIVEAU, STEVEN, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2022-12-07
[86] 2021-07-01 (PCT/US2021/040172)
[87] (WO2022/006448)
[30] US (63/047,095) 2020-07-01

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 3,181,833 [13] A1</p> <p>[51] Int.Cl. C07K 16/28 (2006.01) [25] EN [54] USE OF SEMAPHORIN-4D BINDING MOLECULES FOR THE TREATMENT OF RETT SYNDROME [54] UTILISATION DE MOLECULES DE LIAISON A LA SEMAPHORINE-4D POUR LE TRAITEMENT DU SYNDROME DE RETT [72] MAO, MATTHEW YILIN, AU [72] GOLD, WENDY, AU [72] EVANS, ELIZABETH E., US [72] ZAUDERER, MAURICE, US [71] VACCINEX, INC., US [71] THE SYDNEY CHILDREN'S HOSPITAL NETWORK, AU [85] 2022-12-07 [86] 2021-06-21 (PCT/US2021/038173) [87] (WO2021/262564) [30] US (63/043,945) 2020-06-25</p> <hr/> <p style="text-align: right;">[21] 3,181,834 [13] A1</p> <p>[51] Int.Cl. C08G 63/91 (2006.01) C07C 67/03 (2006.01) C08F 18/16 (2006.01) C08G 63/78 (2006.01) [25] EN [54] METHOD FOR MAKING POLYMERS BY TRANSESTERIFICATION OF POLYOLS AND ALKYL ESTERS OF POLYCARBOXYLIC ACIDS, POLYMERS AND COPOLYMERS MADE THEREBY AND POLYMERIC AND COPOLYMERIC ARTICLES [54] PROCEDE DE FABRICATION DE POLYMERES PAR TRANSESTERIFICATION DE POLYOLS ET D'ESTERS D'ALKYLE D'ACIDES POLYCARBOXYLIQUES, POLYMERES ET COPOLYMERES AINSI FABRIQUES, ET ARTICLES POLYMERES ET COPOLYMERES [72] GREUEL, MICHAEL P., US [72] LAICO, JOSEPH P., US [71] MAGUIRE ABBEY, LLC, US [85] 2022-12-07 [86] 2021-06-08 (PCT/US2021/036503) [87] (WO2021/252554) [30] US (63/036,437) 2020-06-08</p>	<p style="text-align: right;">[21] 3,181,835 [13] A1</p> <p>[51] Int.Cl. C12Q 1/6858 (2018.01) [25] EN [54] LYMPHOCYTE CLONALITY DETERMINATION [54] DETERMINATION DE LA CLONALITE DES LYMPHOCYTES [72] STAHLBERG, ANDERS, SE [71] SIMSEN DIAGNOSTICS AB,, SE [85] 2022-12-07 [86] 2021-06-02 (PCT/SE2021/050517) [87] (WO2021/251867) [30] SE (2050673-9) 2020-06-09</p> <hr/> <p style="text-align: right;">[21] 3,181,836 [13] A1</p> <p>[51] Int.Cl. A47J 31/46 (2006.01) A47J 31/32 (2006.01) A47J 31/50 (2006.01) [25] EN [54] A COFFEE DISPENSER SYSTEM [54] SYSTEME DE DISTRIBUTION DE CAFE [72] HUIBERTS, JOHANNES THEODORUS EMERENTIA, NL [72] VERHOEVEN, ROMANUS EDUARD, NL [71] BRAVILOR BONAMAT BV, NL [85] 2022-12-07 [86] 2021-06-17 (PCT/NL2021/050379) [87] (WO2021/256926) [30] NL (2025854) 2020-06-18</p> <hr/> <p style="text-align: right;">[21] 3,181,839 [13] A1</p> <p>[51] Int.Cl. A61M 16/00 (2006.01) A61M 16/01 (2006.01) A61M 16/10 (2006.01) [25] EN [54] OXYGEN LINE VERIFICATION FOR ANESTHESIA GAS FLOW CONTROLS [54] VERIFICATION DE LIGNE D'OXYGENE POUR DES COMMANDES DE FLUX DE GAZ D'ANESTHESIE [72] ANDERSON, STEVE R., US [72] STRELE, THOMAS, US [72] SHOEMAKER, E. DANIEL, US [71] HU-FRIEDY MFG. CO., LLC, US [85] 2022-12-07 [86] 2021-05-27 (PCT/US2021/034397) [87] (WO2021/252196) [30] US (63/037,654) 2020-06-11</p>	<p style="text-align: right;">[21] 3,181,841 [13] A1</p> <p>[51] Int.Cl. C12Q 1/686 (2018.01) C12Q 1/689 (2018.01) [25] EN [54] ISOTHERMAL REAL-TIME PCR METHOD FOR DETERMINING PRESENCE OF A PRE-DETERMINED NUCLEIC ACID SEQUENCE OF A BACTERIUM OF THE MOLLICUTES CLASS IN A SAMPLE [54] PROCEDE DE PCR EN TEMPS REEL ISOTHERME POUR DETERMINER LA PRESENCE D'UNE SEQUENCE D'ACIDE NUCLEIQUE PREDETERMINEE D'UNE BACTERIE DE LA CLASSE DES MOLLICUTES DANS UN ECHANTILLON [72] ZURCHER, SAMUEL, CH [72] LUTHI, ALEXANDER, CH [72] WEIBEL, LEA, CH [71] CERTUS MOLECULAR DIAGNOSTICS AG, CH [85] 2022-12-07 [86] 2021-06-09 (PCT/EP2021/065548) [87] (WO2021/250139) [30] EP (20179107.6) 2020-06-09</p> <hr/> <p style="text-align: right;">[21] 3,181,845 [13] A1</p> <p>[51] Int.Cl. G06Q 30/00 (2023.01) G06Q 40/00 (2023.01) [25] EN [54] METHOD AND APPARATUS FOR REAL-TIME TREASURY APPLICATIONS [54] PROCEDE ET APPAREIL POUR APPLICATIONS DE TRESORERIE EN TEMPS REEL [72] FAROOQ, UMAR, US [72] RANGACHARI, SAIRAM, US [72] MUSTAZZA, JENNY, US [71] JPMORGAN CHASE BANK, N.A., US [85] 2022-12-07 [86] 2021-07-20 (PCT/US2021/042339) [87] (WO2022/020330) [30] US (16/934,733) 2020-07-21</p>
--	---	--

Demandes PCT entrant en phase nationale

[21] **3,181,847**
[13] A1

- [51] Int.Cl. A23K 10/16 (2016.01) A23K 20/147 (2016.01) A23K 20/158 (2016.01) A23K 20/163 (2016.01) A23K 50/40 (2016.01) A23L 13/60 (2016.01)
 - [25] EN
 - [54] NOVEL FOOD
 - [54] NOUVEL ALIMENT
 - [72] LEUNE, ELISA, NL
 - [72] KNOBEL, KIRSTEN, NL
 - [72] DE HAAN, AP, NL
 - [72] DE LAAT, WILHELMUS THEODORUS ANTONIUS MARIA, NL
 - [71] THE PROTEIN BREWERY B.V., NL
 - [85] 2022-12-07
 - [86] 2021-06-23 (PCT/EP2021/067067)
 - [87] (WO2021/259966)
 - [30] EP (20181591.7) 2020-06-23
-

[21] **3,181,849**
[13] A1

- [25] EN
- [54] SYSTEMS AND METHODS FOR DESTINATION SHIPMENT CONSOLIDATION
- [54] SYSTEMES ET PROCEDES PERMETTANT DE CONSOLIDER L'ENVOI D'EXPEDITIONS
- [72] SAPP, JAMISON, US
- [71] THE EIGHTH NOTCH INC., US
- [85] 2022-12-07
- [86] 2021-06-15 (PCT/US2021/037512)
- [87] (WO2021/257625)
- [30] US (63/040,151) 2020-06-17

[21] **3,181,850**
[13] A1

- [51] Int.Cl. B01D 35/00 (2006.01) B67D 7/04 (2010.01) B67D 7/76 (2010.01) G01F 1/20 (2006.01) G01F 1/24 (2006.01) G01F 1/26 (2006.01) G01F 15/06 (2022.01) G01F 15/08 (2006.01) G01F 23/62 (2006.01) G01F 23/72 (2006.01) G01P 13/00 (2006.01)
 - [25] EN
 - [54] FUEL/WATER SEPARATOR PROBE
 - [54] SONDE DE SEPARATEUR CARBURANT/EAU
 - [72] BREUER, TODD, US
 - [72] SCHUSTER, LEON, US
 - [71] FRANKLIN FUELING SYSTEMS, LLC, US
 - [71] BREUER, TODD, US
 - [71] SCHUSTER, LEON, US
 - [85] 2022-12-07
 - [86] 2021-06-11 (PCT/US2021/037089)
 - [87] (WO2021/252953)
 - [30] US (63/037,986) 2020-06-11
-

[21] **3,181,853**
[13] A1

- [51] Int.Cl. A61N 5/10 (2006.01) H05H 3/00 (2006.01) H05H 6/00 (2006.01)
- [25] EN
- [54] SYSTEMS, DEVICES, AND METHODS FOR DEFORMATION REDUCTION AND RESISTANCE IN METALLIC BODIES
- [54] SYSTEMES, DISPOSITIFS ET PROCEDES DE REDUCTION DE DEFORMATION ET DE RESISTANCE DANS DES CORPS METALLIQUES
- [72] TASKAEV, SERGEY Y., US
- [72] MAKAROV, ALEXANDR N., US
- [72] SOKOLOVA, EVGENIIA O., US
- [71] TAE TECHNOLOGIES, INC., US
- [85] 2022-12-07
- [86] 2021-07-22 (PCT/US2021/042717)
- [87] (WO2022/020556)
- [30] RU (2020124384) 2020-07-23

[21] **3,181,856**
[13] A1

- [51] Int.Cl. C12Q 1/686 (2018.01) C12Q 1/689 (2018.01)
 - [25] EN
 - [54] ISOTHERMAL REAL-TIME PCR METHOD FOR DETERMINING PRESENCE OF A PRE-DETERMINED NUCLEIC ACID SEQUENCE IN HUMAN SAMPLES
 - [54] METHODE PCR ISOTHERME EN TEMPS REEL POUR DETERMINER LA PRESENCE D'UNE SEQUENCE D'ACIDE NUCLEIQUE PREDEFINIE DANS DES ECHANTILLONS HUMAINS
 - [72] ZURCHER, SAMUEL, CH
 - [72] LUTHI, ALEXANDER, CH
 - [72] WEIBEL, LEA, CH
 - [71] CERTUS MOLECULAR DIAGNOSTICS AG, CH
 - [85] 2022-12-07
 - [86] 2021-06-09 (PCT/EP2021/065547)
 - [87] (WO2021/250138)
 - [30] EP (20179110.0) 2020-06-09
-

[21] **3,181,857**
[13] A1

- [51] Int.Cl. C02F 1/26 (2006.01) C02F 1/00 (2006.01) C02F 1/28 (2006.01) C02F 1/48 (2006.01)
- [25] EN
- [54] A METHOD FOR TREATING PFAS CONTAINING MEDIUM
- [54] PROCEDE DE TRAITEMENT D'UN MILIEU CONTENANT DES SUBSTANCES PERFLUOROALKYLEES
- [72] BUREAU, MARTIN, CA
- [72] VENNE, STEPHANE, CA
- [72] BELISLE-ROY, ETIENNE, CA
- [72] LAROSE, JEAN-FRANCOIS, CA
- [72] PAQUIN, JEAN, CA
- [71] SANEXEN ENVIRONMENTAL SERVICES INC., CA
- [85] 2022-12-07
- [86] 2021-07-14 (PCT/CA2021/050969)
- [87] (WO2022/011467)
- [30] US (63/051,531) 2020-07-14

PCT Applications Entering the National Phase

[21] 3,181,858
[13] A1

[51] Int.Cl. G01N 27/26 (2006.01) G01N 27/327 (2006.01)
[25] EN
[54] ANALYTE SENSORS FEATURING WORKING ELECTRODE ASPERITY PLANING FOR DECREASING INTERFERENT SIGNAL
[54] CAPTEURS D'ANALYTE PRÉSENTANT UN RABOTAGE D'ASPERITES D'ELECTRODE DE TRAVAIL PERMETTANT DE DIMINUER UN SIGNAL D'INTERFÉRENCE
[72] HOSS, UDO, US
[72] YAHNKE, MARK STEPHEN, US
[72] KHAN, TAHIR S., US
[72] BABKA, JEAN-PIERRE, US
[72] REYNOLDS, OWEN DANIEL, GB
[71] ABBOTT DIABETES CARE INC., US
[85] 2022-12-07
[86] 2021-06-15 (PCT/US2021/037313)
[87] (WO2021/257496)
[30] US (63/039,768) 2020-06-16

[21] 3,181,859
[13] A1

[51] Int.Cl. B29B 17/00 (2006.01) B42D 25/47 (2014.01) G06K 19/02 (2006.01) G06K 19/077 (2006.01)
[25] EN
[54] RECOVERED PLASTIC CARDS
[54] CARTES EN PLASTIQUE DE RECUPERATION
[72] MICHIELI, MAXMILLIAN DAVID, US
[72] COLLERAN, JAMES P., US
[72] MOSTELLER, BARRY, US
[71] CPI CARD GROUP - COLORADO, INC., US
[85] 2022-12-07
[86] 2021-06-24 (PCT/US2021/038919)
[87] (WO2021/262994)
[30] US (63/044,228) 2020-06-25

[21] 3,181,861
[13] A1

[51] Int.Cl. A61K 47/69 (2017.01) A61K 47/54 (2017.01)
[25] EN
[54] ARRDC1-MEDIATED MICROVESICLE-BASED DELIVERY TO THE NERVOUS SYSTEM
[54] ADMINISTRATION A BASE DE MICROVESICULES MEDIEES PAR ARRDC1 AU SYSTEME NERVEUX
[72] LU, QUAN, US
[72] HAGGARTY, STEPHEN J., US
[72] MILLMAN, ROBERT, US
[71] CIPO, CA
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[71] GENERAL HOSPITAL CORPORATION, US
[71] VESIGEN INC., US
[85] 2022-12-07
[86] 2021-06-11 (PCT/US2021/037053)
[87] (WO2021/252924)
[30] US (63/038,461) 2020-06-12

[21] 3,181,863
[13] A1

[51] Int.Cl. C12Q 1/42 (2006.01)
[25] EN
[54] ASSAYS AND METHOD FOR MEASURING ALKALINE PHOSPHATASE ACTIVITY IN URINE AS AN INDEX OF TISSUE ZINC DEFICIENCY
[54] DOSAGE ET PROCEDE DE MESURE DE L'ACTIVITE PHOSPHATASE ALCALINE DANS L'URINE EN TANT QU'INDICE D'INSUFFISANCE EN ZINC TISSULAIRE
[72] DENNEY, JERRY W., US
[71] VISION DIAGNOSTICS, INC., US
[85] 2022-12-07
[86] 2021-07-01 (PCT/US2021/040050)
[87] (WO2022/006373)
[30] US (63/046,764) 2020-07-01

[21] 3,181,864
[13] A1

[51] Int.Cl. A62C 35/62 (2006.01) A62C 37/50 (2006.01)
[25] EN
[54] APPARATUS AND METHOD FOR TESTING A FIRE SUPPRESSION SYSTEM
[54] APPAREIL ET PROCEDE DE TEST DE SYSTEME D'EXTINCTION D'INCENDIE
[72] MACKENZIE, HUGH, GB
[72] THOMSON, ASHLEY, GB
[71] PARADIGM FLOW SERVICES LIMITED, GB
[85] 2022-12-07
[86] 2021-06-08 (PCT/GB2021/051413)
[87] (WO2021/250389)
[30] GB (2008644.3) 2020-06-08

[21] 3,181,865
[13] A1

[51] Int.Cl. A24F 40/485 (2020.01) A24F 40/46 (2020.01) A24F 40/10 (2020.01)
[25] EN
[54] EVAPORATOR ASSEMBLY
[54] ENSEMBLE EVAPORATEUR
[72] ROGAN, ANDREW ROBERT JOHN, GB
[72] HASEGAWA, MADOKA, CH
[71] JT INTERNATIONAL SA, CH
[85] 2022-12-07
[86] 2021-07-28 (PCT/EP2021/071222)
[87] (WO2022/023453)
[30] EP (20188452.5) 2020-07-29

[21] 3,181,866
[13] A1

[51] Int.Cl. A61N 5/10 (2006.01) G01R 19/00 (2006.01) H05H 3/06 (2006.01)
[25] EN
[54] SYSTEMS, DEVICES, AND METHODS FOR BEAM MISALIGNMENT DETECTION
[54] SYSTEMES, DISPOSITIFS ET PROCEDES DE DETECTION DE DESALIGNEMENT DU FAISCEAU
[72] VEKSELMAN, VLADISLAV, US
[71] TAE TECHNOLOGIES, INC., US
[85] 2022-12-07
[86] 2021-08-25 (PCT/US2021/047602)
[87] (WO2022/046936)
[30] US (63/070,799) 2020-08-26
[30] US (63/071,185) 2020-08-27

Demandes PCT entrant en phase nationale

[21] 3,181,867
[13] A1

[51] Int.Cl. H04N 21/438 (2011.01) H04N 21/442 (2011.01) H04N 21/482 (2011.01) H04N 21/426 (2011.01)
[25] EN
[54] SYSTEM, APPARATUS AND METHOD PROVIDING A USER INTERFACE
[54] SYSTEME, APPAREIL ET PROCEDE FOURNISANT UNE INTERFACE UTILISATEUR
[72] REDMANN, WILLIAM, US
[72] STEIN, ALAN, US
[71] INTERDIGITAL PATENT HOLDINGS, INC., US
[85] 2022-12-07
[86] 2021-06-16 (PCT/US2021/037646)
[87] (WO2021/257714)
[30] US (63/040,351) 2020-06-17

[21] 3,181,868
[13] A1

[51] Int.Cl. A61K 38/04 (2006.01) A61K 38/16 (2006.01) A61P 43/00 (2006.01)
[25] EN
[54] MODULATORS OF TIGHT JUNCTION PERMEABILITY
[54] MODULATEURS DE LA PERMEABILITE DE JONCTIONS SERREES
[72] MRSNY, RANDY, GB
[72] TAVERNER, ALISTAIR, GB
[72] ALMANSOUR, KHALED, SA
[71] THE UNIVERSITY OF BATH, GB
[85] 2022-12-07
[86] 2021-06-11 (PCT/EP2021/065842)
[87] (WO2021/250260)
[30] GB (2009007.2) 2020-06-12

[21] 3,181,873
[13] A1

[51] Int.Cl. B01D 61/02 (2006.01) C01B 25/234 (2006.01)
[25] EN
[54] PROCESS FOR PURIFYING A PHOSPHATE CONTAINING ACIDIC SOLUTION COMPRISING IMPURITIES AND APPARATUS FOR APPLYING SAME
[54] PROCESSUS DE PURIFICATION D'UNE SOLUTION ACIDE CONTENANT DU PHOSPHATE COMPRENANT DES IMPURETES ET APPAREIL POUR L'APPLIQUER
[72] SONVEAUX, MARC, BE
[72] HUEBER, DAMIEN, BE
[71] PRAYON, BE
[85] 2022-12-07
[86] 2021-06-14 (PCT/EP2021/065923)
[87] (WO2021/254944)
[30] EP (20180333.5) 2020-06-16

[21] 3,181,874
[13] A1

[51] Int.Cl. G06F 16/44 (2019.01) G06F 16/48 (2019.01) G06F 16/74 (2019.01) G06F 16/78 (2019.01)
[25] EN
[54] AGGREGATING MEDIA CONTENT USING A SERVER-BASED SYSTEM
[54] AGREGATION DE CONTENU MULTIMEDIA A L'AIDE D'UN SYSTEME BASE SUR UN SERVEUR
[72] KAROUI, SAMI, US
[72] MOREILLON, GUY, US
[72] CASTRONUOVO, DIEGO, US
[71] OPENTV, INC., US
[85] 2022-12-07
[86] 2021-06-11 (PCT/US2021/037049)
[87] (WO2021/252921)
[30] US (63/038,610) 2020-06-12

[21] 3,181,876
[13] A1

[51] Int.Cl. B62D 55/21 (2006.01)
[25] EN
[54] GROUND-ENGAGING TRACK FOR MACHINE HAVING MULTI-TOOTH MASTER LINK
[54] CHENILLE DE MISE EN PRISE AVEC LE SOL POUR UNE MACHINE DOTEE D'UN MAILLON PRINCIPAL A PLUSIEURS DENTS
[72] RECKER, ROGER LEE, US
[72] CLARKE, DONOVAN STUART, US
[72] WEISBRUCH, ERIC BERNARD, US
[72] STEINER, KEVIN LEE, US
[72] WANG, JIANJUN, US
[71] CATERPILLAR INC., US
[85] 2022-12-07
[86] 2021-06-03 (PCT/US2021/035613)
[87] (WO2021/257285)
[30] US (16/905,681) 2020-06-18

[21] 3,181,878
[13] A1

[51] Int.Cl. A01H 1/04 (2006.01) A01H 6/46 (2018.01) A01H 1/08 (2006.01) C07K 14/415 (2006.01) C12N 9/22 (2006.01) C12N 15/29 (2006.01) C12N 15/82 (2006.01)
[25] EN
[54] HETEROZYGOUS CENH3 MONOCOTS AND METHODS OF USE THEREOF FOR HAPLOID INDUCTION AND SIMULTANEOUS GENOME EDITING
[54] MONOCOTYLEDONES CENH3 HETEROZYGOTES ET LEURS PROCEDES D'UTILISATION POUR L'INDUCTION D'HAPLOIDES ET L'EDITION SIMULTANEE DU GENOME
[72] DAWE, R. KELLY, US
[72] JACKSON, DAVID, US
[71] UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC., US
[71] COLD SPRING HARBOR LABORATORY, AN EDUCATION CORPORATION OF THE STATE OF NEW YORK, US
[85] 2022-12-07
[86] 2021-06-09 (PCT/US2021/036605)
[87] (WO2021/252619)
[30] US (63/036,902) 2020-06-09
[30] US (63/036,910) 2020-06-09

PCT Applications Entering the National Phase

[21] 3,181,879
[13] A1

- [51] Int.Cl. F04D 29/00 (2006.01) F24F 12/00 (2006.01) F24F 13/14 (2006.01)
 - [25] EN
 - [54] HEAT RECOVERY UNIT
 - [54] UNITE DE RECUPERATION DE CHALEUR
 - [72] ARENDTS, ERIC, NL
 - [72] HADDEMAN, MARTIJN, NL
 - [71] ZEHNDER GROUP INTERNATIONAL AG, CH
 - [85] 2022-12-07
 - [86] 2021-07-19 (PCT/EP2021/070135)
 - [87] (WO2022/018021)
 - [30] CH (00921/20) 2020-07-24
 - [30] CH (00270/21) 2021-03-12
 - [30] CH (00922/20) 2020-07-24
 - [30] CH (00920/20) 2020-07-24
-

[21] 3,181,883
[13] A1

- [51] Int.Cl. F24F 12/00 (2006.01) F24F 13/14 (2006.01)
- [25] EN
- [54] COMPACT HEAT RECOVERY VENTILATION UNIT WITH BYPASS
- [54] UNITE DE VENTILATION A RECUPERATION DE CHALEUR COMPACTE AVEC DERIVATION
- [72] BONSINK, STEFAN, NL
- [72] ARENDTS, ERIC, NL
- [72] AHMETHODZIC, SEAD, NL
- [71] ZEHNDER GROUP INTERNATIONAL AG, CH
- [85] 2022-12-07
- [86] 2021-07-19 (PCT/EP2021/070130)
- [87] (WO2022/018017)
- [30] CH (00920/20) 2020-07-24

[21] 3,181,885
[13] A1

- [51] Int.Cl. A61F 2/962 (2013.01) A61F 2/95 (2013.01) A61F 2/06 (2013.01) A61F 2/82 (2013.01)
 - [25] EN
 - [54] PULMONARY ARTERIAL HYPERTENSION CATHETERS
 - [54] CATHETERS POUR LE TRAITEMENT DE L'HYPERTENSION ARTERIELLE PULMONAIRE
 - [72] PASSMAN, JOSEPH, US
 - [72] SIEGEL, ALEXANDER, US
 - [72] RABITO, GLEN, US
 - [72] ROWE, STANTON J., US
 - [72] HOWARD, ELLIOT, US
 - [72] KHALIFA, ABUBAKER, US
 - [72] TAFT, ROBERT C., US
 - [72] THAI, LINDA, US
 - [71] NXT BIOMEDICAL, LLC, US
 - [85] 2022-12-07
 - [86] 2021-06-24 (PCT/US2021/038989)
 - [87] (WO2021/263048)
 - [30] US (63/043,645) 2020-06-24
-

[21] 3,181,886
[13] A1

- [51] Int.Cl. H05B 47/19 (2020.01)
- [25] EN
- [54] METHOD OF WIRELESS CONFIGURING AN LED DRIVER AND AN LED DRIVER ARRANGED TO BE CONFIGURED
- [54] PROCEDE DE CONFIGURATION SANS FIL D'UN PILOTE DE DEL ET PILOTE DE DEL CONCU POUR ETRE CONFIGURE
- [72] SAES, MARC, NL
- [72] LEPELAARS, MAARTEN, NL
- [71] ELDOLAB HOLDING B.V., NL
- [85] 2022-12-07
- [86] 2021-06-07 (PCT/EP2021/065156)
- [87] (WO2021/249937)
- [30] NL (2025774) 2020-06-08

[21] 3,181,887
[13] A1

- [51] Int.Cl. F24H 1/18 (2022.01)
 - [25] EN
 - [54] HOT WATER APPLIANCE
 - [54] APPAREIL A EAU CHAude
 - [72] PETERI, NIELS THEODOOR, NL
 - [72] DISSELKOEN, MICHA BENJAMIN, NL
 - [71] QUOOKER INTERNATIONAL B.V., NL
 - [85] 2022-12-07
 - [86] 2021-06-08 (PCT/NL2021/050366)
 - [87] (WO2021/251823)
 - [30] NL (2025785) 2020-06-08
-

[21] 3,181,888
[13] A1

- [51] Int.Cl. F28F 1/40 (2006.01) F28F 13/06 (2006.01)
 - [25] EN
 - [54] THERMAL DECOMPOSITION PIPE EQUIPPED WITH FLUID STIRRING ELEMENT
 - [54] TUYAU DE DECOMPOSITION THERMIQUE DOTE D'ELEMENT D'AGITATION DE FLUIDE
 - [72] MATSUBARA, MOTOYUKI, JP
 - [72] HASHIMOTO, KUNIHIDE, JP
 - [72] SUKAWA, TORU, JP
 - [71] KUBOTA CORPORATION, JP
 - [85] 2022-12-07
 - [86] 2021-06-21 (PCT/JP2021/023412)
 - [87] (WO2022/004465)
 - [30] JP (2020-111567) 2020-06-29
-

[21] 3,181,889
[13] A1

- [51] Int.Cl. F24F 8/108 (2021.01) F24F 13/28 (2006.01)
- [25] EN
- [54] AIR FILTER ASSEMBLY FOR HEAT RECOVERY VENTILATION UNIT
- [54] ENSEMBLE FILTRE A AIR POUR UNITE DE VENTILATION A RECUPERATION DE CHALEUR
- [72] HADDEMAN, MARTIJN, NL
- [71] ZEHNDER GROUP INTERNATIONAL AG, CH
- [85] 2022-12-07
- [86] 2021-07-19 (PCT/EP2021/070132)
- [87] (WO2022/018018)
- [30] CH (921/20) 2020-07-24

Demandes PCT entrant en phase nationale

[21] **3,181,892**
[13] A1

- [51] Int.Cl. A23D 7/005 (2006.01) A23L 27/00 (2016.01)
- [25] EN
- [54] OIL-IN-WATER EMULSIFIED FOOD COMPOSITION COMPRISING PLANT PROTEIN
- [54] COMPOSITION ALIMENTAIRE EMULSIFIEE HUILE DANS EAU COMPRENANT UNE PROTEINE VEGETALE
- [72] VERMAAS, ARIE, NL
- [71] UNILEVER IP HOLDINGS B.V., NL
- [85] 2022-12-07
- [86] 2021-05-31 (PCT/EP2021/064566)
- [87] (WO2021/249811)
- [30] EP (20179206.6) 2020-06-10

[21] **3,181,894**
[13] A1

- [51] Int.Cl. B65G 1/04 (2006.01) B65G 43/00 (2006.01)
- [25] EN
- [54] SYSTEM AND METHOD OF OPERATING AN AUTOMATED STORAGE AND RETRIEVAL SYSTEM
- [54] SYSTEME ET PROCEDE D'ACTIONNEMENT D'UN SYSTEME DE STOCKAGE ET DE RECUPERATION AUTOMATISE
- [72] KORGE-HARAJUVET, GEIR, NO
- [71] AUTOSTORE TECHNOLOGY AS, NO
- [85] 2022-12-07
- [86] 2021-06-08 (PCT/EP2021/065319)
- [87] (WO2021/259632)
- [30] NO (20200743) 2020-06-25

[21] **3,181,897**
[13] A1

- [51] Int.Cl. F01K 7/02 (2006.01) F01K 25/06 (2006.01)
- [25] EN
- [54] HEAT ENGINE AND METHOD OF MANUFACTURE
- [54] MOTEUR THERMIQUE ET PROCEDE DE FABRICATION
- [72] VELAYUTHAM, KARTHIKEYAN, GB
- [71] KATRICK TECHNOLOGIES LIMITED, GB
- [85] 2022-12-07
- [86] 2020-12-22 (PCT/GB2020/053348)
- [87] (WO2021/250365)
- [30] GB (2008912.4) 2020-06-11

[21] **3,181,901**
[13] A1

- [51] Int.Cl. A61B 5/0533 (2021.01) A61B 5/0531 (2021.01)
- [25] EN
- [54] METHOD AND APPARATUS OF ASSESSING OR MONITORING SKIN SYMPATHETIC NERVE ACTIVITY IN A LIVING SUBJECT
- [54] METHODE ET APPAREIL D'EVALUATION OU DE SURVEILLANCE DE L'ACTIVITE DU NERF SYMPATHIQUE CUTANE CHEZ UN SUJET VIVANT
- [72] STORM, HANNE, NO
- [71] MED STORM INNOVATION AS, NO
- [85] 2022-12-07
- [86] 2021-06-28 (PCT/EP2021/067616)
- [87] (WO2022/008273)
- [30] NO (20200788) 2020-07-06

[21] **3,181,902**
[13] A1

- [51] Int.Cl. A61K 31/192 (2006.01) C07C 53/134 (2006.01) C07C 57/30 (2006.01)
- [25] EN
- [54] METHODS FOR TREATING OR PREVENTING CHRONIC KIDNEY DISEASE
- [54] MEHODES DE TRAITEMENT OU DE PREVENTION DE MALADIE RENALE CHRONIQUE
- [72] YEH, LITAIN, US
- [72] YAN, SHUNQI, US
- [72] YAN, RONGZI, US
- [72] SHEN, ZANCONG, US
- [71] ARTHROSI THERAPEUTICS, INC., US
- [85] 2022-12-07
- [86] 2021-06-09 (PCT/US2021/036620)
- [87] (WO2021/252630)
- [30] US (63/037,469) 2020-06-10
- [30] US (63/195,411) 2021-06-01

[21] **3,181,905**
[13] A1

- [51] Int.Cl. C07C 43/178 (2006.01) A61K 31/08 (2006.01) A61K 31/085 (2006.01) A61K 31/192 (2006.01) A61K 31/216 (2006.01) A61P 1/02 (2006.01) A61P 1/04 (2006.01) A61P 1/16 (2006.01) A61P 1/18 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) A61P 7/06 (2006.01) A61P 9/10 (2006.01) A61P 13/12 (2006.01) A61P 17/06 (2006.01) A61P 19/02 (2006.01) A61P 21/04 (2006.01) A61P 31/04 (2006.01) A61P 31/18 (2006.01) A61P 37/02 (2006.01) A61P 37/06 (2006.01) C07C 215/30 (2006.01) C07D 205/04 (2006.01) C07D 211/38 (2006.01) C07D 295/096 (2006.01) C07D 295/185 (2006.01) C07D 307/94 (2006.01)
- [25] EN

[54] NOVEL COMPOUND USEFUL AS TOLL-LIKE RECEPTOR 7 ACTIVATION INHIBITOR

- [54] NOUVEAU COMPOSE UTILE EN TANT QU'INHIBITEUR D'ACTIVATION DU RECEPTEUR 7 DE TYPE TOLL

- [72] NAGAI, YOSHINORI, JP
- [72] OKAMOTO, NAOKI, JP
- [72] FUJISHITA, SHIGETO, JP
- [72] HIROKAWA, TAKATSUGU, JP
- [71] TOYAMA PREFECTURAL UNIVERSITY, JP
- [71] TEIKA PHARMACEUTICAL CO., LTD., JP
- [71] NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, JP
- [85] 2022-12-07
- [86] 2021-06-07 (PCT/JP2021/021564)
- [87] (WO2021/251337)
- [30] JP (2020-099708) 2020-06-08

PCT Applications Entering the National Phase

[21] 3,181,908
[13] A1

- [51] Int.Cl. B25B 13/48 (2006.01) B25B 13/50 (2006.01) B25B 17/00 (2006.01) F16B 23/00 (2006.01) F16B 35/06 (2006.01) F16B 39/28 (2006.01) F16B 41/00 (2006.01)
- [25] EN
- [54] LOCKING THREADED FASTENERS
- [54] ELEMENTS DE FIXATION FILETES DE VERROUILLAGE
- [72] SALVUCCI, EMANUELE, IT
- [71] SALVUCCI, EMANUELE, IT
- [85] 2022-12-07
- [86] 2021-06-09 (PCT/EP2021/065518)
- [87] (WO2021/250123)
- [30] US (63/036,774) 2020-06-09

[21] 3,181,909
[13] A1

- [51] Int.Cl. C07D 401/06 (2006.01) A61K 31/444 (2006.01) C07D 401/14 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 513/04 (2006.01)
- [25] EN
- [54] 4-ETHYNYL PYRIDINE DERIVATIVES USEFUL AS GCN2 INHIBITORS
- [54] DERIVES DE 4-ETHYNYL PYRIDINE UTILES EN TANT QU'INHIBITEURS DE GCN2
- [72] WHITLOCK, GAVIN, GB
- [72] FUCHTER, MATTHEW, GB
- [71] CIPO, CA
- [71] IP2IPO INNOVATIONS LIMITED, GB
- [85] 2022-12-07
- [86] 2021-06-09 (PCT/GB2021/051428)
- [87] (WO2021/250399)
- [30] GB (2008749.0) 2020-06-09

[21] 3,181,910
[13] A1

- [51] Int.Cl. B65G 53/66 (2006.01) B65G 69/12 (2006.01)
- [25] EN
- [54] TRANSPORT DEVICE WITH AN ULTRASONIC GENERATOR AND OPERATING METHOD
- [54] DISPOSITIF DE TRANSPORT COMPORTANT UN GENERATEUR D'ULTRASONS ET PROCEDE DE FONCTIONNEMENT
- [72] CARRASCO, CESAR, CH
- [71] A O IDEAS GMBH, CH
- [85] 2022-12-07
- [86] 2021-06-16 (PCT/EP2021/066319)
- [87] (WO2021/255132)
- [30] EP (20181038.9) 2020-06-19
- [30] EP (20209580.8) 2020-11-24
- [30] EP (21162463.0) 2021-03-12

[21] 3,181,911
[13] A1

- [51] Int.Cl. B07B 1/46 (2006.01) F16B 5/02 (2006.01) F16B 13/00 (2006.01) F16B 13/08 (2006.01) F16B 13/12 (2006.01) F16B 19/10 (2006.01) F16B 21/04 (2006.01)
- [25] EN
- [54] FASTENING OF SCREENING MEDIA TO SCREENING EQUIPMENT
- [54] FIXATION DE GARNITURE A UN EQUIPEMENT DE TAMISAGE
- [72] HENSSIEN, ADRIEN, SE
- [72] FRIMAN, ANDRE, SE
- [71] SANDVIK SRP AB, SE
- [85] 2022-12-07
- [86] 2020-06-24 (PCT/EP2020/067723)
- [87] (WO2021/259470)

[21] 3,181,912
[13] A1

- [51] Int.Cl. A23P 10/30 (2016.01) A24B 13/00 (2006.01) A24B 15/16 (2020.01) A24B 15/18 (2006.01)
- [25] EN
- [54] EFFERVESCENT ORAL COMPOSITION COMPRISING AN ACTIVE INGREDIENT
- [54] COMPOSITION ORALE EFFERVEScente COMPRENANT UN PRINCIPE ACTIF
- [72] GERARDI, ANTHONY RICHARD, US
- [72] ODEN, ROSS JAY, GB
- [72] LAMPE, MATTHEW EVAN, GB
- [72] SPIELBAUER, KRISTEN ANN, GB
- [72] VON COSMOS, NICOLAS, GB
- [72] ZAWADZKI, MICHAEL ANDREW, GB
- [71] NICOVENTURES TRADING LIMITED, GB
- [85] 2022-12-07
- [86] 2021-06-03 (PCT/IB2021/054880)
- [87] (WO2021/250516)
- [30] US (63/036,251) 2020-06-08

[21] 3,181,958
[13] A1

- [51] Int.Cl. C07K 14/435 (2006.01)
- [25] EN
- [54] CYCLIC PEPTIDE INHIBITORS OF PSD-95 AND USES THEREOF
- [54] INHIBITEURS PEPTIDIQUES CYCLIQUES DE PSD-95 ET LEURS UTILISATIONS
- [72] BALBOA, JAVIER RODRIGUEZ, DK
- [72] STROMGAARD, KRISTIAN, DK
- [72] OSTERGAARD, SOREN, DK
- [71] UNIVERSITY OF COPENHAGEN, DK
- [85] 2022-12-08
- [86] 2021-06-11 (PCT/EP2021/065734)
- [87] (WO2021/250226)
- [30] EP (20179519.2) 2020-06-11

Demandes PCT entrant en phase nationale

[21] 3,181,968
[13] A1

- [51] Int.Cl. A61K 8/02 (2006.01) A61K 8/22 (2006.01) A61K 8/24 (2006.01) A61K 8/38 (2006.01) A61K 8/81 (2006.01) A61Q 11/00 (2006.01)
- [25] EN
- [54] TOOTH WHITENING AND TOOTH SENSITIVITY STRIP OR FILM
- [54] BANDE OU FILM POUR BLANCHIMENT DES DENTS ET SENSIBILITE DES DENTS
- [72] CULLEN, JOHN EDWARD, GB
- [72] LIVINGSTONE, MARK ALEXANDER, GB
- [72] CRICHTON, ROBERT, GB
- [72] MACFARLANE, MELANIE, GB
- [71] BSOLVE LIMITED, GB
- [85] 2022-12-08
- [86] 2021-06-18 (PCT/GB2021/051554)
- [87] (WO2021/255474)
- [30] GB (2009404.1) 2020-06-19

[21] 3,181,985
[13] A1

- [51] Int.Cl. A61K 39/00 (2006.01) A61P 21/00 (2006.01) A61P 25/02 (2006.01) C07K 16/24 (2006.01)
- [25] EN
- [54] USE OF CXCL13 BINDING MOLECULES TO PROMOTE PERIPHERAL NERVE REGENERATION
- [54] UTILISATION DE MOLECULES DE LIAISON A CXCL13 POUR FAVORISER LA REGENERATION DE NERF PERIPHERIQUE
- [72] DIGIOVANNI, SIMONE, GB
- [72] ZHOU, LUMING, GB
- [71] VACCINEX, INC., US
- [85] 2022-12-08
- [86] 2021-06-08 (PCT/US2021/036298)
- [87] (WO2021/252422)
- [30] US (63/037,755) 2020-06-11

[21] 3,181,987
[13] A1

- [51] Int.Cl. B65H 54/71 (2006.01) B65H 51/22 (2006.01)
- [25] EN
- [54] SYSTEMS AND METHODS FOR PRODUCING A BUNDLE OF FILAMENTS AND/OR A YARN
- [54] SYSTEMES ET PROCEDES DE PRODUCTION D'UN FAISCEAU DE FILAMENTS ET/OU D'UN FIL
- [72] CASCIO, ANTHONY, US
- [72] MASON, JAMES, US
- [72] AMOS, DANIEL, US
- [72] JONES, LUCINDA, US
- [71] ALADDIN MANUFACTURING CORPORATION, US
- [85] 2022-12-08
- [86] 2021-06-16 (PCT/US2021/037684)
- [87] (WO2021/257738)
- [30] US (63/039,626) 2020-06-16
- [30] US (63/039,630) 2020-06-16

[21] 3,181,996
[13] A1

- [51] Int.Cl. C07K 14/00 (2006.01) A61P 31/14 (2006.01) C07K 14/165 (2006.01) C07K 14/705 (2006.01) C07K 19/00 (2006.01) C12N 15/11 (2006.01) C12N 15/63 (2006.01)
- [25] EN
- [54] SARS-COV-2 INHIBITORS
- [54] INHIBITEURS DE SARS-COV-2
- [72] CAO, LONGXING, US
- [72] COVENTRY, BRIAN, US
- [72] GORESHNIK, INNA, US
- [72] MILLER, LAUREN, US
- [72] BAKER, DAVID, US
- [72] KOZODOY, LISA, US
- [72] BOWEN, JOHN, US
- [72] CARTER, LAUREN, US
- [72] CASE, JAMES BRETT, US
- [72] DIAMOND, MICHAEL, US
- [72] EDMAN, NATASHA, US
- [72] HUNT, ANDREW, US
- [72] JEWETT, MICHAEL CHRISTOPHER, US
- [72] OGOHARA, CASSANDRA JEAN, US
- [72] PARK, YOUNG-JUN, US
- [72] RAVICHANDRAN, RASHMI, US
- [72] STEWART, LANCE JOSEPH, US
- [72] VEESLER, DAVID, US
- [72] VOGELI, BASTIAN, US
- [72] WALLS, ALEXANDRA C., US
- [72] WU, KEJIA, US
- [72] BOYKEN, SCOTT, US
- [72] UEDA, GEORGE, US
- [71] UNIVERSITY OF WASHINGTON, US
- [71] NORTHWESTERN, UNIVERSITY, US
- [71] WASHINGTON, UNIVERSITY, US
- [85] 2022-12-08
- [86] 2021-05-25 (PCT/US2021/034069)
- [87] (WO2022/015418)
- [30] US (63/051,474) 2020-07-14

PCT Applications Entering the National Phase

[21] 3,182,081
[13] A1

[51] Int.Cl. G01N 27/414 (2006.01)
[25] EN
[54] DYNAMIC EXCITATION AND MEASUREMENT OF BIOCHEMICAL INTERACTIONS
[54] EXCITATION ET MESURE DYNAMIQUES D'INTERACTIONS BIOCHIMIQUES
[72] ARAN, KIANA, US
[72] GOLDSMITH, BRETT, US
[72] KANE, ALEXANDER, US
[72] PEYTAVI, REGIS, US
[71] CARDEA BIO, INC, US
[85] 2022-12-08
[86] 2021-06-08 (PCT/US2021/036454)
[87] (WO2021/252521)
[30] US (63/036,772) 2020-06-09

[21] 3,182,323
[13] A1

[51] Int.Cl. C12N 9/02 (2006.01) C12N 9/04 (2006.01) C12P 3/00 (2006.01) C12P 7/02 (2006.01) C12P 7/24 (2006.01)
[25] EN
[54] USE OF UV-ACTIVATED ENZYMES TO IMPLEMENT OXIDATION REACTIONS AND THE CORRESPONDING PROCESSES
[54] UTILISATION D'ENZYME ACTIVEES PAR UV POUR METTRE EN ?UVRE DES REACTIONS D'OXYDATION ET PROCEDES CORRESPONDANTS
[72] BISSARO, BASTIEN, FR
[72] BERRIN, JEAN-GUY, FR
[72] LAFOND, MICHAEL, FR
[71] INSTITUT NATIONAL DE RECHERCHE POUR L'AGRICULTURE, L'ALIMENTATION ET L'ENVIRONNEMENT, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE D'AIX MARSEILLE, FR
[71] ECOLE CENTRALE DE MARSEILLE, FR
[85] 2022-12-12
[86] 2021-07-21 (PCT/EP2021/070365)
[87] (WO2022/018128)
[30] EP (20186971.6) 2020-07-21

[21] 3,182,383
[13] A1

[51] Int.Cl. A61K 35/17 (2015.01) A61K 47/64 (2017.01) C07K 16/28 (2006.01)
[25] EN
[54] ANTI-TUMOR NECROSIS FACTOR RECEPTOR (TNFR2) ANTIBODIES AND USES THEREOF
[54] ANTICORPS ANTI-RECEPTEUR DU FACTEUR DE NECROSE TUMORALE (TNFR2) ET LEURS UTILISATIONS
[72] AMIT, INBAR, IL
[72] LEVIN, ITAY, IL
[72] CHEN, AYELET, IL
[72] VANA, TAL, IL
[72] OREN, NINO, IL
[72] SAMET, DOR, IL
[72] CHOEN, ZADA EFRAT, IL
[72] LEVITIN, NATALIA, IL
[72] NIMROD, GUY, IL
[72] SASSON, YEHEZKEL, IL
[72] DEMISIITEIN, ALIK, IL
[72] WYANT, TIMOTHY, US
[72] BARAK FUCIIS, REUT, IL
[72] FASTMAN, YAIR KLEINMAN, IL
[72] FISCHMAN, SHARON, IL
[72] STRAJBL, MAREK, IL
[72] ZHENIN, MICHAEL, IL
[72] BLUVSIITEIN YERMOLAEV, OLGA, IL
[72] GROSSMAN, NOAM, IL
[72] TWITO, OSHRAT SHIR, IL
[72] BITON, NEVET ZUR, IL
[72] DANIELPUR, LIRON, IL
[72] BEN MAYOR, MAY SOFIA, IL
[72] OFRAN, YANAY, IL
[71] BIOLOJIC DESIGN LTD., IL
[85] 2022-12-12
[86] 2021-07-01 (PCT/IL2021/050807)
[87] (WO2022/003690)
[30] US (63/047,490) 2020-07-02

[21] 3,182,622
[13] A1

[51] Int.Cl. G01J 3/52 (2006.01)
[25] EN
[54] COLOR CHART
[54] CHARTE DE COULEURS
[72] TAKAHASHI, MASATO, JP
[72] MORIHARA, YASUHIRO, JP
[72] TSUMURA, NORIMICHI, JP
[72] TAKAHASHI, RYO, JP
[72] OGAWA, KEIKO, JP
[72] KIN, ISSEKI, JP
[71] DIC CORPORATION, JP
[85] 2022-12-13
[86] 2021-06-15 (PCT/JP2021/022641)
[87] (WO2021/256458)
[30] JP (2020-104762) 2020-06-17
[30] JP (2021-039110) 2021-03-11

[21] 3,182,631
[13] A1

[51] Int.Cl. A61B 5/00 (2006.01) G16H 40/67 (2018.01) G06T 1/00 (2006.01) G09G 5/00 (2006.01) G09G 5/02 (2006.01) H04N 1/60 (2006.01) H04N 9/73 (2023.01)
[25] EN
[54] IMAGE DISPLAY SYSTEM AND IMAGE DISPLAY METHOD
[54] SYSTEME D'AFFICHAGE D'IMAGE ET PROCEDE D'AFFICHAGE D'IMAGE
[72] TAKAHASHI, MASATO, JP
[72] MORIHARA, YASUHIRO, JP
[72] TSUMURA, NORIMICHI, JP
[72] TAKAHASHI, RYO, JP
[72] OGAWA, KEIKO, JP
[72] KIN, ISSEKI, JP
[71] DIC CORPORATION, JP
[85] 2022-12-13
[86] 2021-06-15 (PCT/JP2021/022642)
[87] (WO2021/256459)
[30] JP (2020-104693) 2020-06-17
[30] JP (2021-039227) 2021-03-11

Demandes PCT entrant en phase nationale

[21] **3,182,721**
[13] A1

[51] Int.Cl. F01P 3/16 (2006.01) F02F 1/40 (2006.01)
[25] EN
[54] FLOW GUIDING DEVICE, CYLINDER HEAD ASSEMBLY, AND INTERNAL COMBUSTION ENGINE
[54] DISPOSITIF DE GUIDAGE D'ÉCOULEMENT, ENSEMBLE DE CULASSE, ET MOTEUR À COMBUSTION INTERNE
[72] BUSSIERES, FREDERIC, AT
[71] INNIO JENBACHER GMBH & CO OG, AT
[85] 2022-12-14
[86] 2020-08-07 (PCT/AT2020/060293)
[87] (WO2022/027076)

[21] **3,182,741**
[13] A1

[51] Int.Cl. C12Q 1/68 (2018.01) C12P 19/34 (2006.01)
[25] EN
[54] CHIMERIC AMPLICON ARRAY SEQUENCING
[54] SEQUENCAGE DE RESEAU D'AMPLICONS CHIMERIQUES
[72] AL'KHAFAJI, AZIZ, US
[72] BLAINY, PAUL, US
[72] BABADI, MEHRTASH, US
[72] GARIMELLA, KIRAN V, US
[72] HACOHEN, NIR, US
[72] SMITH, JONATHAN THEODORE, US
[71] THE BROAD INSTITUTE, INC., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] THE GENERAL HOSPITAL CORPORATION - DBA MASS GENERAL HOSPITAL, US
[71] HACOHEN, NIR, US
[85] 2022-12-14
[86] 2021-06-14 (PCT/US2021/037226)
[87] (WO2021/257453)
[30] US (63/039,004) 2020-06-15

[21] **3,182,783**
[13] A1

[51] Int.Cl. A61K 47/55 (2017.01) A61K 47/54 (2017.01) A61K 47/59 (2017.01) A61K 47/64 (2017.01)
[25] EN
[54] CONJUGATE OF A SINGLE DOMAIN ANTIBODY, A SAPONIN AND AN EFFECTOR MOLECULE, PHARMACEUTICAL COMPOSITION COMPRISING THE SAME, THERAPEUTIC USE OF SAID PHARMACEUTICAL COMPOSITION
[54] CONJUGUE D'UN ANTICORPS A DOMAINE UNIQUE, D'UNE SAPONINE ET D'UNE MOLECULE EFFECTRICE, COMPOSITION PHARMACEUTIQUE LE COMPRENANT, UTILISATION THERAPEUTIQUE DE LADITE COMPOSITION PHARMACEUTIQUE
[72] POSTEL, RUBEN, NL
[72] HERMANS, GUY, NL
[72] FUCHS, HENDRIK, DE
[71] SAPREME TECHNOLOGIES B.V., NL
[85] 2022-12-14
[86] 2021-06-22 (PCT/EP2021/067030)
[87] (WO2021/259944)
[30] NL (2025900) 2020-06-24
[30] EP (PCT/EP2020/069340) 2020-07-09

[21] **3,183,444**
[13] A1

[51] Int.Cl. A61M 5/315 (2006.01) A61M 5/20 (2006.01) A61M 5/24 (2006.01) A61M 5/31 (2006.01)
[25] EN
[54] SENSOR ASSEMBLY AND SYSTEM
[54] ENSEMBLE CAPTEUR ET SYSTEME
[72] MARECHAL, DAMIEN, FR
[72] GAGLIANO, JULIEN, FR
[72] LE GAL-REDON, PATRICK, FR
[71] BECTON DICKINSON FRANCE, FR
[85] 2022-12-20
[86] 2021-06-21 (PCT/EP2021/066851)
[87] (WO2021/259864)
[30] EP (20305683.3) 2020-06-22

[21] **3,183,493**
[13] A1

[51] Int.Cl. B01J 21/04 (2006.01) B01J 21/10 (2006.01) B01J 23/00 (2006.01) B01J 23/72 (2006.01) B01J 35/00 (2006.01) B01J 35/02 (2006.01) B01J 35/10 (2006.01) B01J 37/00 (2006.01) B01J 37/02 (2006.01) B01J 37/08 (2006.01)
[25] FR
[54] OXYGEN-CARRIER SOLID WITH SUB-STOICHIOMETRIC SPINEL FOR A CHEMICAL-LOOPING REDOX PROCESS
[54] SOLIDE PORTEUR D'OXYGENE A SPINELLE SOUS-STOECHIMETRIQUE POUR UN PROCEDE D'OXYDO-REDUCTION EN BOUCLE CHIMIQUE
[72] LAMBERT, ARNOLD, FR
[72] MICHAU, MATHIEU, FR
[71] IFP ENERGIES NOUVELLES, FR
[71] TOTAL RAFFINAGE CHIMIE, FR
[85] 2022-12-20
[86] 2021-07-21 (PCT/EP2021/070364)
[87] (WO2022/023140)
[30] FR (FR2008189) 2020-07-31

[21] **3,183,558**
[13] A1

[51] Int.Cl. C01B 32/194 (2017.01) C01B 32/198 (2017.01)
[25] EN
[54] FUNCTIONALIZED GRAPHENE, METHOD FOR PRODUCING A FUNCTIONALIZED GRAPHENE, AND ITS USE
[54] GRAPHENE FONCTIONNALISE, PROCEDE DE FABRICATION D'UN GRAPHENE FONCTIONNALISE ET UTILISATION DUDIT GRAPHENE FONCTIONNALISE
[72] LEICH, VALERI, DE
[72] HONIG, JONAS, DE
[72] TEICHMANN, JULIAN, DE
[72] BLANK-SHIM, SILVIA, DE
[72] SCHUMANN, STEFAN, DE
[72] BREUERS, VERENA, DE
[72] STENNER, PATRIK, DE
[71] EVONIK OPERATIONS GMBH, DE
[85] 2022-12-20
[86] 2021-06-15 (PCT/EP2021/066007)
[87] (WO2022/002574)
[30] EP (20183456.1) 2020-07-01

PCT Applications Entering the National Phase

[21] 3,183,868
[13] A1

- [51] Int.Cl. C08J 9/04 (2006.01) C08J 9/232 (2006.01) C08J 9/36 (2006.01)
- [25] EN
- [54] PEI PARTICLE FOAMS WITH DEFINED RESIDUAL BLOWING AGENT CONTENT
- [54] MOUSSES DE PARTICULES DE PEI A TENEUR EN AGENT DE SOUFFLAGE RESIDUEL DEFINIE
- [72] TRASSL, CHRISTIAN, DE
- [72] BERNHARD, KAY, DE
- [72] ROOSEN, DIRK, US
- [72] HOLLEYN, DENIS, DE
- [72] PAREMAL, VINOD, IN
- [71] EVONIK OPERATIONS GMBH, DE
- [85] 2022-12-21
- [86] 2021-06-18 (PCT/EP2021/066551)
- [87] (WO2022/002628)
- [30] EP (20183473.6) 2020-07-01

[21] 3,184,171
[13] A1

- [51] Int.Cl. F01D 15/10 (2006.01) F02C 9/00 (2006.01)
- [25] EN
- [54] METHOD FOR MONITORING AND CONTROLLING A HYBRID GAS TURBINE SYSTEM AND SYSTEM THEREOF
- [54] PROCEDE DE SURVEILLANCE ET DE COMMANDE D'UN SYSTEME DE TURBINE A GAZ HYBRIDE ET SYSTEME ASSOCIE
- [72] PRETINI, LUCA, IT
- [71] NUOVO PIGNONE TECNOLOGIE - S.R.L., IT
- [85] 2022-12-23
- [86] 2021-06-24 (PCT/EP2021/025231)
- [87] (WO2022/002436)
- [30] IT (102020000016009) 2020-07-02

[21] 3,184,205
[13] A1

- [51] Int.Cl. F01K 23/06 (2006.01) F01K 23/10 (2006.01)
- [25] EN
- [54] WASTE HEAT RECOVERY SYSTEM AS A BACKUP SYSTEM FOR A MACHINE FOR THE PRODUCTION OF ENERGY
- [54] SYSTEME DE RECUPERATION DE CHALEUR PERDUE EN TANT QUE SYSTEME DE SECOURS POUR UNE MACHINE POUR LA PRODUCTION D'ENERGIE
- [72] NASINI, ERNESTO, IT
- [72] SANTINI, MARCO, IT
- [71] NUOVO PIGNONE TECNOLOGIE - S.R.L., IT
- [85] 2022-12-23
- [86] 2021-06-30 (PCT/EP2021/025242)
- [87] (WO2022/002441)
- [30] IT (102020000016090) 2020-07-03

[21] 3,184,403
[13] A1

- [51] Int.Cl. C07K 16/28 (2006.01) A61K 47/68 (2017.01)
- [25] EN
- [54] ANTI-CLAUDIN 18.2 ANTIBODY AND ANTIBODY-DRUG CONJUGATE THEREOF
- [54] ANTICORPS ANTI-CLAUDINE 18.2 ET CONJUGUE ANTICORPS-MEDICAMENT DE CELUI-CI
- [72] FANG, JIANMIN, CN
- [72] LI, YUANHAO, CN
- [72] ZHU, MARIE M., CN
- [72] JIANG, JING, CN
- [72] SHEN, YUELEI, CN
- [72] LI, SHENJUN, CN
- [72] LUO, WENTING, CN
- [72] ZHANG, XIAOPING, CN
- [72] WANG, LILI, CN
- [72] WANG, LING, CN
- [72] ZHANG, QINBIN, CN
- [72] YANG, FANG, CN
- [71] REMEGEN CO., LTD., CN
- [85] 2022-12-28
- [86] 2022-05-07 (PCT/CN2022/091353)
- [87] (WO2022/237666)
- [30] CN (202110502421.4) 2021-05-08

[21] 3,184,544
[13] A1

- [51] Int.Cl. C07K 14/605 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) A61P 5/50 (2006.01) A61P 25/02 (2006.01)
- [25] EN
- [54] GLP-1R AGONISTIC PEPTIDES WITH REDUCED ACTIVITY
- [54] PEPTIDES AGONISTES DE GLP-1R AYANT UNE ACTIVITE REDUITE
- [72] SOMMERFELD, MARK, DE
- [72] LANGER, THOMAS, DE
- [72] BOSCHEINEN, OLIVER, DE
- [72] SCHWAHN, UWE, DE
- [72] DITTRICH, WERNER, DE
- [72] RUDOLPH, CHRISTINE, DE
- [72] EVERE, ANDREAS, DE
- [71] SANOFI, FR
- [85] 2022-12-29
- [86] 2020-07-02 (PCT/EP2020/068747)
- [87] (WO2022/002409)

[21] 3,184,546
[13] A1

- [51] Int.Cl. A61K 38/18 (2006.01)
- [25] EN
- [54] GLP-1R AGONIST / FGF21 FUSION PROTEINS
- [54] PROTEINES HYBRIDES FGF21/AGONISTE DE GLP-1R
- [72] SOMMERFELD, MARK, DE
- [72] LANGER, THOMAS, DE
- [72] BOSCHEINEN, OLIVER, DE
- [72] SCHWAHN, UWE, DE
- [72] DITTRICH, WERNER, DE
- [72] RUDOLPH, CHRISTINE, DE
- [72] EVERE, ANDREAS, DE
- [71] SANOFI, FR
- [85] 2022-12-29
- [86] 2020-07-02 (PCT/EP2020/068746)
- [87] (WO2022/002408)

Demandes PCT entrant en phase nationale

[21] 3,185,220

[13] A1

[51] Int.Cl. A61N 1/40 (2006.01) A61N 1/04 (2006.01) A61N 1/32 (2006.01) A61L 2/03 (2006.01)

[25] EN

[54] DEVICE FOR SUPPORTING A TREATMENT USING PULSED ELECTRIC FIELDS IN ORDER TO HEAL WOUNDS AND/OR FOR THE INACTIVATION OF MICROORGANISMS, AND METHOD FOR THE INACTIVATION OF MICROORGANISM

[54] DISPOSITIF DE SUPPORT D'UN TRAITEMENT EMPLOYANT DES CHAMPS ELECTRIQUES PULSES DESTINE A CICATRISER DES PLAIES ET/OU POUR L'INACTIVATION DE MICROORGANISMES, ET PROCEDE D'INACTIVATION DE MICROORGANISME

[72] HINTERKOPF, WERNER GERHARD, DE
[72] SRB, JOSEF, CZ
[72] KOROUS, JOSEF, CZ
[72] HINTERKOPF, JAN, DE
[71] THEISEN, OLAF, DE
[71] MOGG, JOHANNES, DE
[85] 2023-01-06
[86] 2021-07-20 (PCT/EP2021/070244)
[87] (WO2022/018074)
[30] EP (20187657.0) 2020-07-24

[21] 3,185,908

[13] A1

[51] Int.Cl. G06F 30/23 (2020.01)

[25] EN

[54] SCALING METHOD BASED ON A POINTWISE SUPERPOSITION PROCEDURE AND SYSTEM THEREOF

[54] PROCEDE DE MISE A L'ECHELLE BASE SUR UNE PROCEDURE DE SUPERPOSITION POINT A POINT ET SYSTEME ASSOCIE

[72] PALLADINO, MARCO, IT
[72] TOZZI, PIERLUIGI, IT
[72] MODA, MATTIA, IT
[72] MONELLI, BERNARDO DISMA, IT
[72] BERTINI, LEONARDO, IT
[72] BENASSI, MATTEO, IT
[71] NUOVO PIGNONE TECNOLOGIE - S.R.L., IT
[85] 2023-01-12
[86] 2021-07-12 (PCT/EP2021/025255)
[87] (WO2022/012776)
[30] IT (102020000017164) 2020-07-15

[21] 3,186,013

[13] A1

[51] Int.Cl. C25B 3/26 (2021.01) C25B 9/23 (2021.01) C25B 9/60 (2021.01) C25B 9/75 (2021.01) C25B 9/77 (2021.01) C25B 11/032 (2021.01) C25B 15/08 (2006.01)

[25] EN

[54] ELECTROCHEMICAL CELL FOR CARBON DIOXIDE REDUCTION TOWARDS LIQUID CHEMICALS
[54] CELLULE ELECTROCHIMIQUE POUR LA REDUCTION DE DIOXYDE DE CARBONE VERS DES PRODUITS CHIMIQUES LIQUIDES

[72] LEGRAND, ULRICH, CA
[71] ELECTRO CARBONE INC., CA
[85] 2023-01-13
[86] 2021-07-28 (PCT/CA2021/051054)
[87] (WO2022/020950)
[30] US (63/057,375) 2020-07-28

[21] 3,186,040

[13] A1

[51] Int.Cl. H04M 3/436 (2006.01) G10L 25/51 (2013.01)

[25] EN

[54] SYSTEM AND METHOD FOR DETERMINING UNWANTED CALL ORIGINATION IN COMMUNICATIONS NETWORKS

[54] SYSTEME ET PROCEDE DE DETERMINATION D'ORIGINE D'APPELS INDESIRABLES DANS DES RESEAUX DE COMMUNICATIONS

[72] QUILICI, ALEXANDER E., US
[72] RUDOLPH, MICHAEL J., US
[71] YOUMAIL, INC., US
[85] 2023-01-13
[86] 2021-07-12 (PCT/US2021/041209)
[87] (WO2022/015613)
[30] US (16/927,139) 2020-07-13

[21] 3,186,631

[13] A1

[51] Int.Cl. C08L 71/02 (2006.01) B29C 64/165 (2017.01) B33Y 70/10 (2020.01) C08K 3/22 (2006.01) C08L 29/04 (2006.01) C08L 33/02 (2006.01)

[25] EN

[54] PIEZOCERAMIC PASTES WITH HIGH CERAMIC CONTENT AND METHOD FOR PRINTING SAME
[54] PATES PIEZOCERAMIQUES A HAUTE TENEUR EN CERAMIQUE ET LEUR PROCEDE D'IMPRESSION

[72] PAQUET, CHANTAL, CA
[72] KRUGER, SILVIO E., CA
[72] LACELLE, THOMAS, CA
[72] ARANGUREN VAN EGMOND, DEREK, CA
[72] ROY, CLAUDIE, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2023-01-19
[86] 2021-08-24 (PCT/CA2021/051173)
[87] (WO2022/040792)
[30] US (63/069,253) 2020-08-24

[21] 3,186,662

[13] A1

[51] Int.Cl. H01L 23/473 (2006.01)

[25] EN

[54] APPARATUS AND METHODS FOR COOLING OF AN INTEGRATED CIRCUIT

[54] APPAREIL ET PROCEDE DE REFROIDISSEMENT D'UN CIRCUIT INTEGRE

[72] AL SAYED, CHADY, CA
[72] GHAFFARI, OMIDREZA, CA
[72] GRENIER, FRANCIS, CA
[72] JASMIN, SIMON, CA
[72] NABAVILARIMI, SEYEDYASER, CA
[72] SYLVESTRE, JULIEN, CA
[71] SYSTEMEX ENERGIES INC., CA
[71] GROUPE VARITRON INC., CA
[71] SOCIETE DE COMMERCIALISATION DES PRODUITS DE LA RECHERCHE APPLIQUEE SOCOPRA SCIENCES ET GENIE S.E.C., CA
[85] 2023-01-19
[86] 2021-07-19 (PCT/CA2021/050997)
[87] (WO2022/016263)
[30] US (63/053,699) 2020-07-19

PCT Applications Entering the National Phase

[21] 3,186,834
[13] A1

- [51] Int.Cl. G06N 10/00 (2022.01)
 - [25] FR
 - [54] METHODS FOR ALLOCATING LOGICAL QUBITS OF A QUANTUM ALGORITHM IN A QUANTUM PROCESSOR
 - [54] PROCEDES D'ALLOCATION DE QUBITS LOGIQUES D'UN ALGORITHME QUANTIQUE DANS UN PROCESSEUR QUANTIQUE
 - [72] GUIMARAES SILVERIO, HENRIQUE, FR
 - [72] HENRIET, LOIC, FR
 - [71] PASQAL, FR
 - [85] 2023-01-20
 - [86] 2021-07-21 (PCT/EP2021/070395)
 - [87] (WO2022/018140)
 - [30] FR (FR2007848) 2020-07-24
-

[21] 3,187,393
[13] A1

- [51] Int.Cl. C07D 405/04 (2006.01) A61K 31/4375 (2006.01) A61K 31/4439 (2006.01) C07D 471/04 (2006.01)
- [25] EN
- [54] CHIRAL SYNTHESIS OF FUSED BICYCLIC RAF INHIBITORS
- [54] SYNTHESE CHIRALE D'INHIBITEURS DE RAF BICYCLIQUES FUSIONNES
- [72] BELFIELD, ANDREW, IE
- [72] HAWKINS, NEIL, IE
- [72] GLOSSOP, STEVEN CHRISTOPHER, IE
- [72] MARGATHE, JEAN-FRANCOIS, IE
- [72] JONES, CLIFFORD DAVID, IE
- [72] COLLETTI, CHIARA, IE
- [71] JAZZ PHARMACEUTICALS IRELAND LIMITED, IE
- [85] 2023-01-26
- [86] 2021-07-28 (PCT/EP2021/071219)
- [87] (WO2022/023450)
- [30] US (63/057,531) 2020-07-28

[21] 3,187,514
[13] A1

- [51] Int.Cl. A61K 31/4178 (2006.01) A61K 31/4375 (2006.01) A61K 31/4439 (2006.01) C07D 405/14 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01)
- [25] EN
- [54] FUSED BICYCLIC RAF INHIBITORS AND METHODS FOR USE THEREOF
- [54] INHIBITEURS DE RAF BICYCLIQUES FUSIONNES ET LEURS PROCEDES D'UTILISATION
- [72] BELFIELD, ANDREW, IE
- [72] JONES, CLIFFORD DAVID, IE
- [72] MARGATHE, JEAN-FRANCOIS, IE
- [72] COLLETTI, CHIARA, IE
- [71] JAZZ PHARMACEUTICALS IRELAND LIMITED, IE
- [85] 2023-01-27
- [86] 2021-07-28 (PCT/EP2021/071212)
- [87] (WO2022/023447)
- [30] US (63/057,536) 2020-07-28

[21] 3,188,532
[13] A1

- [51] Int.Cl. B01J 3/00 (2006.01) B01J 3/04 (2006.01) B01J 19/18 (2006.01) C08F 2/01 (2006.01) C08F 2/02 (2006.01) C08F 110/14 (2006.01) C10G 50/00 (2006.01) C07C 2/06 (2006.01) C08F 4/14 (2006.01)
 - [25] EN
 - [54] PROCESS AND APPARATUS FOR PRODUCING POLY-ALPHA-OLEFINS
 - [54] PROCEDE ET APPAREIL DE PRODUCTION DE POLY-ALPHA-OLEFINES
 - [72] WAHLSTROM, JAN, FI
 - [72] HONKANEN, HANNA, FI
 - [72] PUROLA, VELI-MATTI, FI
 - [72] THIERIE, FILIP, FI
 - [71] NESTE OYJ, FI
 - [85] 2023-02-06
 - [86] 2022-06-14 (PCT/FI2022/050414)
 - [87] (WO2022/263721)
 - [30] FI (20215704) 2021-06-15
-

[21] 3,188,730
[13] A1

- [51] Int.Cl. A61K 31/5377 (2006.01) A61K 31/426 (2006.01) A61K 31/437 (2006.01) A61K 31/44 (2006.01) A61K 31/4965 (2006.01) A61K 31/4985 (2006.01) A61K 31/505 (2006.01) A61K 31/519 (2006.01) A61K 31/53 (2006.01) A61P 5/26 (2006.01)
- [25] EN
- [54] METHODS AND COMPOSITIONS FOR TREATING POLYCYSTIC OVARY SYNDROME
- [54] PROCEDES ET COMPOSITIONS POUR TRAITER LE SYNDROME DES OVAIRES POLYKYSTIQUES
- [72] BARNES, CHRISTOPHER, US
- [72] KARPF, DAVID, US
- [72] NOOR, MUSTAFA, US
- [71] SPRUCE BIOSCIENCES, INC., US
- [85] 2023-02-07
- [86] 2021-08-12 (PCT/US2021/045780)
- [87] (WO2022/036123)
- [30] US (63/064,863) 2020-08-12

Demandes PCT entrant en phase nationale

[21] 3,188,835	[21] 3,189,027	[21] 3,189,030
[13] A1	[13] A1	[13] A1
<p>[51] Int.Cl. B01J 8/06 (2006.01) B01J 19/24 (2006.01) C01B 3/00 (2006.01) C01B 3/22 (2006.01) C01B 3/50 (2006.01)</p> <p>[25] EN</p> <p>[54] APPARATUS COMPRISING A REACTOR FOR DEHYDROGENATING A HYDROGEN-ENRICHED LIQUID HYDROGEN CARRIER</p> <p>[54] APPAREIL DOTE D'UN REACTEUR DESTINE A DESHYDROGENER UN TRANSPORTEUR D'HYDROGENE LIQUIDE ENRICHI EN HYDROGENE</p> <p>[72] STUSCH, MICHAEL, CH</p> <p>[72] ZADEMACK, DIRK, DE</p> <p>[71] STUSCH, MICHAEL, CH</p> <p>[85] 2022-09-09</p> <p>[86] 2020-02-20 (PCT/EP2020/054468)</p> <p>[87] (WO2021/164874)</p>	<p>[51] Int.Cl. A61K 31/428 (2006.01) A61P 31/14 (2006.01) C07K 417/14 (2006.01)</p> <p>[25] EN</p> <p>[54] ANTIVIRAL HETEROARYL KETONE DERIVATIVES</p> <p>[54] DERIVES D'HETEROARYL CETONE ANTIVIRAUX</p> <p>[72] OWEN, DAVID RHYS, US</p> <p>[72] PETTERSSON, MARTIN YOUNGJIN, US</p> <p>[72] REESE, MATTHEW RICHARD, US</p> <p>[72] SAMMONS, MATTHEW FORREST, US</p> <p>[72] TUTTLE, JAMISON BRYCE, US</p> <p>[72] YANG, QINGYI, US</p> <p>[71] PFIZER INC., US</p> <p>[85] 2023-01-06</p> <p>[86] 2021-07-07 (PCT/IB2021/056093)</p> <p>[87] (WO2022/013684)</p> <p>[30] US (63/050,766) 2020-07-11</p>	<p>[51] Int.Cl. A61K 38/00 (2006.01) A61P 27/02 (2006.01) C07K 14/705 (2006.01) C07K 16/22 (2006.01)</p> <p>[25] EN</p> <p>[54] FUSION PROTEIN INCLUDING COMPLEMENT PATHWAY INHIBITOR AND ANGIOGENESIS INHIBITOR AND USE THEREOF</p> <p>[54] PROTEINES DE FUSION COMPRENANT UN INHIBITEUR DE LA VOIE DU COMPLEMENT ET UN INHIBITEUR DE L'ANGIOGENESE, ET LEUR UTILISATION</p> <p>[72] CHUNG, EU DDEUM, KR</p> <p>[72] RYU, SOOMIN, KR</p> <p>[72] KIM, DONGGEON, KR</p> <p>[72] CHANG, JIHOON, KR</p> <p>[72] LEE, BYOUNG CHUL, KR</p> <p>[71] KANAPH THERAPEUTICS INC., KR</p> <p>[85] 2023-01-05</p> <p>[86] 2021-07-07 (PCT/KR2021/008681)</p> <p>[87] (WO2022/010271)</p> <p>[30] KR (10-2020-0083536) 2020-07-07</p>
<p>[21] 3,189,026</p> <p>[13] A1</p>	<p>[21] 3,189,029</p> <p>[13] A1</p>	<p>[21] 3,189,031</p> <p>[13] A1</p>
<p>[51] Int.Cl. A61K 9/51 (2006.01) A61K 33/244 (2019.01) C01F 17/235 (2020.01) A61K 47/12 (2006.01) A61K 47/18 (2017.01) A61K 47/32 (2006.01) A61P 7/08 (2006.01) A61P 13/12 (2006.01)</p> <p>[25] EN</p> <p>[54] PHARMACEUTICAL COMPOSITION CONTAINING CERIUM COMPOUND AS ACTIVE INGREDIENT</p> <p>[54] COMPOSITION PHARMACEUTIQUE CONTENANT UN COMPOSE DE CERIUM EN TANT QUE PRINCIPE ACTIF</p> <p>[72] KAWAGUCHI, TSUNETAKA, JP</p> <p>[72] NAKATSU, MASAHIRO, JP</p> <p>[72] OGAWA, YUKIHIRO, JP</p> <p>[72] HASHIMOTO, AKIKO, JP</p> <p>[71] APPLAUSE PHARMA CO., LTD., JP</p> <p>[85] 2023-01-05</p> <p>[86] 2021-04-30 (PCT/JP2021/017295)</p> <p>[87] (WO2022/014122)</p> <p>[30] JP (2020-119746) 2020-07-13</p>	<p>[51] Int.Cl. A61N 5/06 (2006.01) A61N 5/067 (2006.01)</p> <p>[25] EN</p> <p>[54] LIGHT BEAM IRRADIATION APPARATUS</p> <p>[54] APPAREIL D'EXPOSITION A UN FAISCEAU DE LUMIERE</p> <p>[72] ISHIBASHI NAOYA, JP</p> <p>[72] KAWASE YUKI, JP</p> <p>[72] NANJO TAKUYA, JP</p> <p>[71] TEIJIN PHARMA LIMITED, JP</p> <p>[85] 2023-01-05</p> <p>[86] 2021-07-20 (PCT/JP2021/027081)</p> <p>[87] (WO2022/019293)</p> <p>[30] JP (2020-124370) 2020-07-21</p> <p>[30] JP (2020-212321) 2020-12-22</p>	<p>[51] Int.Cl. G01N 1/40 (2006.01) G01N 31/22 (2006.01) G01N 33/24 (2006.01)</p> <p>[25] EN</p> <p>[54] SOIL ANALYSIS COMPOSITIONS AND METHODS</p> <p>[54] COMPOSITIONS ET PROCEDES D'ANALYSE DE SOL</p> <p>[72] PETROSKI, RICHARD, US</p> <p>[72] NELSON, RACHEL, US</p> <p>[71] PRECISION PLANTING LLC, US</p> <p>[85] 2023-01-06</p> <p>[86] 2021-05-20 (PCT/IB2021/054354)</p> <p>[87] (WO2022/013633)</p> <p>[30] US (63/052,070) 2020-07-15</p> <p>[30] US (63/052,334) 2020-07-15</p> <p>[30] US (63/052,341) 2020-07-15</p> <p>[30] US (63/052,345) 2020-07-15</p> <p>[30] US (63/052,356) 2020-07-15</p> <p>[30] US (63/052,395) 2020-07-15</p> <p>[30] US (63/052,399) 2020-07-15</p> <p>[30] US (63/052,405) 2020-07-15</p> <p>[30] US (63/052,406) 2020-07-15</p> <p>[30] US (63/052,410) 2020-07-15</p> <p>[30] US (63/052,414) 2020-07-15</p> <p>[30] US (63/076,977) 2020-09-11</p>

PCT Applications Entering the National Phase

[21] 3,189,034

[13] A1

- [51] Int.Cl. H01P 5/12 (2006.01) H01Q 15/24 (2006.01) H01Q 21/24 (2006.01) H01Q 25/00 (2006.01) H04B 1/00 (2006.01)
 - [25] EN
 - [54] SEPTUMLESS OMT POLARIZER
 - [54] POLARISEUR OMT SANS SEPTUM
 - [72] WRIGLEY, JASON STEWART, US
 - [71] LOCKHEED MARTIN CORPORATION, US
 - [85] 2023-01-05
 - [86] 2021-08-09 (PCT/US2021/045238)
 - [87] (WO2022/035767)
 - [30] US (16/989,789) 2020-08-10
-

[21] 3,189,035

[13] A1

- [51] Int.Cl. G01N 1/40 (2006.01) G01N 31/22 (2006.01) G01N 33/24 (2006.01)
- [25] EN
- [54] SOIL ANALYSIS METHOD
- [54] PROCEDE D'ANALYSE DE SOL
- [72] PETROSKI, RICHARD, US
- [72] NELSON, RACHEL, US
- [71] PRECISION PLANTING LLC, US
- [85] 2023-01-06
- [86] 2021-05-20 (PCT/IB2021/054353)
- [87] (WO2022/013632)
- [30] US (63/052,395) 2020-07-15
- [30] US (63/052,070) 2020-07-15
- [30] US (63/052,334) 2020-07-15
- [30] US (63/052,341) 2020-07-15
- [30] US (63/052,345) 2020-07-15
- [30] US (63/052,356) 2020-07-15
- [30] US (63/052,399) 2020-07-15
- [30] US (63/052,405) 2020-07-15
- [30] US (63/052,406) 2020-07-15
- [30] US (63/052,410) 2020-07-15
- [30] US (63/052,414) 2020-07-15
- [30] US (63/076,977) 2020-09-11

[21] 3,189,036

[13] A1

- [51] Int.Cl. F02K 1/60 (2006.01) B29C 64/00 (2017.01) F02K 1/72 (2006.01)
 - [25] EN
 - [54] CASCADE ELEMENT FOR A THRUST REVERSER SYSTEM OF AN ENGINE
 - [54] ELEMENT EN CASCADE POUR SYSTEME D'INVERSION DE POUSSÉE DE MOTEUR
 - [72] LORETZ, LUDWIG, AT
 - [72] HOLLRIGL, ANDREAS, AT
 - [72] NELBOCK, GUNTER, AT
 - [71] FACC AG, AT
 - [85] 2023-01-06
 - [86] 2021-07-13 (PCT/AT2021/060248)
 - [87] (WO2022/011407)
 - [30] AT (A 50605/2020) 2020-07-13
-

[21] 3,189,037

[13] A1

- [51] Int.Cl. C07D 487/14 (2006.01) A61K 31/4985 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)
- [25] EN
- [54] CRYSTAL FORM OF UPADACITINIB, PREPARATION METHOD THEREFOR, AND USE THEREOF
- [54] FORME CRISTALLINE D'UPADACITINIB, SON PROCEDE DE PREPARATION ET SON UTILISATION
- [72] CHEN, MINHUA, CN
- [72] ZHANG, JING, CN
- [71] CRYSTAL PHARMACEUTICAL (SUZHOU) CO., LTD., CN
- [85] 2023-01-06
- [86] 2021-06-23 (PCT/CN2021/101784)
- [87] (WO2022/007629)
- [30] CN (202010653055.8) 2020-07-08
- [30] CN (202010991590.4) 2020-09-17

[21] 3,189,040

[13] A1

- [51] Int.Cl. G01N 1/40 (2006.01) G01N 31/22 (2006.01) G01N 33/24 (2006.01)
 - [25] EN
 - [54] SOIL ANALYSIS METHOD
 - [54] PROCEDE D'ANALYSE DE SOL
 - [72] PETROSKI, RICHARD, US
 - [72] NELSON, RACHEL, US
 - [71] PRECISION PLANTING LLC, US
 - [85] 2023-01-06
 - [86] 2021-05-20 (PCT/IB2021/054352)
 - [87] (WO2022/013631)
 - [30] US (63/052,070) 2020-07-15
 - [30] US (63/052,334) 2020-07-15
 - [30] US (63/052,341) 2020-07-15
 - [30] US (63/052,345) 2020-07-15
 - [30] US (63/052,356) 2020-07-15
 - [30] US (63/052,395) 2020-07-15
 - [30] US (63/052,399) 2020-07-15
 - [30] US (63/052,405) 2020-07-15
 - [30] US (63/052,406) 2020-07-15
 - [30] US (63/052,410) 2020-07-15
 - [30] US (63/052,414) 2020-07-15
 - [30] US (63/076,977) 2020-09-11
-

[21] 3,189,041

[13] A1

- [51] Int.Cl. C07D 403/14 (2006.01) A61K 31/4412 (2006.01) A61P 35/00 (2006.01) C07D 401/04 (2006.01) C07D 487/04 (2006.01)
- [25] EN
- [54] HETEROCYCLIC IMMUNOMODULATORS
- [54] IMMUNOMODULATEUR HETEROCYCLIQUE
- [72] CHEN, XIANGYANG, CN
- [72] PANG, YUCHENG, CN
- [71] BEIJING INNOCARE PHARMA TECH CO., LTD., CN
- [85] 2023-01-06
- [86] 2021-06-28 (PCT/CN2021/102873)
- [87] (WO2022/007659)
- [30] CN (202010633550.2) 2020-07-06

Demandes PCT entrant en phase nationale

<p>[21] 3,189,043 [13] A1</p> <p>[51] Int.Cl. C07B 31/00 (2006.01) C08H 7/00 (2011.01) C07G 1/00 (2011.01) C08L 97/00 (2006.01)</p> <p>[25] EN</p> <p>[54] A METHOD FOR PRODUCING A CROSS-LINKED LIGNIN HAVING A HIGH SPECIFIC SURFACE AREA, A CROSS-LINKED LIGNIN AND TECHNICAL RUBBER ARTICLES OR TIRES COMPRISING CROSS-LINKED LIGNIN</p> <p>[54] PROCEDE DE PREPARATION D'UNE LIGNINE RETICULEE A SURFACE SPECIFIQUE ELEVEE, LIGNINE RETICULEE ET ARTICLES EN CAOUTCHOUC OU PNEUMATIQUE COMPRENNANT DE LA LIGNINE RETICULEE</p> <p>[72] DAUTZENBERG, GEERTJE, DE</p> <p>[72] PODSCHUN, JACOB, DE</p> <p>[72] WITTMANN, TOBIAS, DE</p> <p>[71] SUNCOAL INDUSTRIES GMBH, DE</p> <p>[71] KOEHLER INNOVATION & TECHNOLOGY GMBH, DE</p> <p>[85] 2023-01-06</p> <p>[86] 2021-07-09 (PCT/DE2021/100602)</p> <p>[87] (WO2022/008008)</p> <p>[30] DE (10 2020 208 683.4) 2020-07-10</p> <p>[30] DE (10 2021 100 142.0) 2021-01-07</p>

<p>[21] 3,189,045 [13] A1</p> <p>[51] Int.Cl. G07D 7/1205 (2016.01)</p> <p>[25] EN</p> <p>[54] METHOD AND SYSTEM FOR DETECTING AND AUTHENTICATING A TAGGANT IN A MARKING VIA SURFACE-ENHANCED RAMAN SPECTROSCOPY</p> <p>[54] PROCEDE ET SYSTEME DE DETECTION ET D'AUTHENTIFICATION D'UN TRACEUR DANS UN MARQUAGE PAR SPECTROSCOPIE RAMAN EXALTEE DE SURFACE</p> <p>[72] MOLINA, ALDRIC, CH</p> <p>[72] BREWSTER, JAMES, US</p> <p>[71] SICPA HOLDING SA, CH</p> <p>[85] 2023-01-06</p> <p>[86] 2021-07-13 (PCT/EP2021/069522)</p> <p>[87] (WO2022/013252)</p> <p>[30] US (63/052,695) 2020-07-16</p>

<p>[21] 3,189,048 [13] A1</p> <p>[51] Int.Cl. G01N 1/40 (2006.01) G01N 31/22 (2006.01) G01N 33/24 (2006.01)</p> <p>[25] EN</p> <p>[54] SOIL ANALYSIS COMPOSITIONS AND METHODS</p> <p>[54] COMPOSITIONS ET PROCEDES D'ANALYSE DE SOL</p> <p>[72] PETROSKI, RICHARD, US</p> <p>[72] NELSON, RACHEL, US</p> <p>[71] PRECISION PLANTING LLC, US</p> <p>[85] 2023-01-06</p> <p>[86] 2021-05-20 (PCT/IB2021/054349)</p> <p>[87] (WO2022/013628)</p> <p>[30] US (63/052,070) 2020-07-15</p> <p>[30] US (63/052,334) 2020-07-15</p> <p>[30] US (63/052,341) 2020-07-15</p> <p>[30] US (63/052,345) 2020-07-15</p> <p>[30] US (63/052,356) 2020-07-15</p> <p>[30] US (63/052,395) 2020-07-15</p> <p>[30] US (63/052,399) 2020-07-15</p> <p>[30] US (63/052,405) 2020-07-15</p> <p>[30] US (63/052,406) 2020-07-15</p> <p>[30] US (63/052,410) 2020-07-15</p> <p>[30] US (63/052,414) 2020-07-15</p> <p>[30] US (63/076,977) 2020-09-11</p>
--

<p>[21] 3,189,050 [13] A1</p> <p>[51] Int.Cl. G01N 1/40 (2006.01) G01N 31/22 (2006.01) G01N 33/24 (2006.01)</p> <p>[25] EN</p> <p>[54] SOIL ANALYSIS METHODS</p> <p>[54] PROCEDES D'ANALYSE DE SOL</p> <p>[72] PETROSKI, RICHARD, US</p> <p>[72] NELSON, RACHEL, US</p> <p>[71] PRECISION PLANTING LLC, US</p> <p>[85] 2023-01-06</p> <p>[86] 2021-05-20 (PCT/IB2021/054348)</p> <p>[87] (WO2022/013627)</p> <p>[30] US (63/052,070) 2020-07-15</p> <p>[30] US (63/052,334) 2020-07-15</p> <p>[30] US (63/052,341) 2020-07-15</p> <p>[30] US (63/052,345) 2020-07-15</p> <p>[30] US (63/052,356) 2020-07-15</p> <p>[30] US (63/052,395) 2020-07-15</p> <p>[30] US (63/052,399) 2020-07-15</p> <p>[30] US (63/052,405) 2020-07-15</p> <p>[30] US (63/052,406) 2020-07-15</p> <p>[30] US (63/052,410) 2020-07-15</p> <p>[30] US (63/052,414) 2020-07-15</p> <p>[30] US (63/076,977) 2020-09-11</p>

PCT Applications Entering the National Phase

[21] 3,189,052

[13] A1

- [51] Int.Cl. G01N 1/40 (2006.01) G01N 31/22 (2006.01) G01N 33/24 (2006.01)
 - [25] EN
 - [54] SOIL ANALYSIS METHODS
 - [54] PROCEDES D'ANALYSE DE SOL
 - [72] PETROSKI, RICHARD, US
 - [72] NELSON, RACHEL, US
 - [71] PRECISION PLANTING LLC, US
 - [85] 2023-01-06
 - [86] 2021-05-20 (PCT/IB2021/054347)
 - [87] (WO2022/013626)
 - [30] US (63/052,070) 2020-07-15
 - [30] US (63/052,334) 2020-07-15
 - [30] US (63/052,341) 2020-07-15
 - [30] US (63/052,345) 2020-07-15
 - [30] US (63/052,356) 2020-07-15
 - [30] US (63/052,395) 2020-07-15
 - [30] US (63/052,399) 2020-07-15
 - [30] US (63/052,405) 2020-07-15
 - [30] US (63/052,406) 2020-07-15
 - [30] US (63/052,410) 2020-07-15
 - [30] US (63/052,414) 2020-07-15
 - [30] US (63/076,977) 2020-09-11
-

[21] 3,189,055

[13] A1

- [51] Int.Cl. G01N 1/40 (2006.01) G01N 31/22 (2006.01) G01N 33/24 (2006.01)
 - [25] EN
 - [54] SOIL ANALYSIS COMPOSITIONS AND METHODS
 - [54] COMPOSITIONS ET PROCEDES D'ANALYSE DE SOL
 - [72] PETROSKI, RICHARD, US
 - [72] NELSON, RACHEL, US
 - [71] PRECISION PLANTING LLC, US
 - [85] 2023-01-06
 - [86] 2021-05-20 (PCT/IB2021/054346)
 - [87] (WO2022/013625)
 - [30] US (63/052,070) 2020-07-15
 - [30] US (63/052,334) 2020-07-15
 - [30] US (63/052,341) 2020-07-15
 - [30] US (63/052,345) 2020-07-15
 - [30] US (63/052,356) 2020-07-15
 - [30] US (63/052,395) 2020-07-15
 - [30] US (63/052,399) 2020-07-15
 - [30] US (63/052,405) 2020-07-15
 - [30] US (63/052,406) 2020-07-15
 - [30] US (63/052,410) 2020-07-15
 - [30] US (63/052,414) 2020-07-15
 - [30] US (63/076,977) 2020-09-11
-

[21] 3,189,056

[13] A1

- [51] Int.Cl. B63B 73/10 (2020.01) B63B 73/30 (2020.01) B63B 73/40 (2020.01) B63G 8/00 (2006.01)
 - [25] EN
 - [54] A METHOD OF MANUFACTURING A SUBMERGED PRESSURE VESSEL
 - [54] PROCEDE DE FABRICATION D'UN NAVIRE SOUS PRESSION SUBMERGE
 - [72] SADLES, ANDREW, GB
 - [72] PHIZACKLEA, ALAN, GB
 - [72] ROBINSON, ANTHONY CRAIG, GB
 - [72] SPAIN, JAMES WILLIAM, GB
 - [72] RAWLINSON, ADAM WILLIAM, GB
 - [71] BAE SYSTEMS PLC, GB
 - [85] 2023-01-06
 - [86] 2021-06-24 (PCT/GB2021/051607)
 - [87] (WO2022/008874)
 - [30] GB (2010331.3) 2020-07-06
-

[21] 3,189,057

[13] A1

- [51] Int.Cl. B63H 5/16 (2006.01) B64C 21/02 (2006.01) B64C 21/08 (2023.01) B64C 23/06 (2006.01) B64C 29/00 (2006.01) F15D 1/00 (2006.01) F16L 55/027 (2006.01)
- [25] EN
- [54] ARRANGEMENTS, DUCT ARRANGEMENTS AND METHODS
- [54] AGENCEMENTS, AGENCEMENTS DE CONDUIT ET PROCEDES
- [72] THOMPSON, MATTHEW, GB
- [72] ATLAR, MEHMET, GB
- [72] STARK, CALLUM, GB
- [72] TROLL, MORITZ, GB
- [72] SHI, WEICHAO, GB
- [71] BAE SYSTEMS PLC, GB
- [85] 2023-01-06
- [86] 2021-07-19 (PCT/GB2021/051842)
- [87] (WO2022/018414)
- [30] GB (2011396.5) 2020-07-23
- [30] EP (20275123.6) 2020-07-23

[21] 3,189,058

[13] A1

- [51] Int.Cl. G01N 33/50 (2006.01) G01N 33/84 (2006.01)
 - [25] EN
 - [54] METHOD FOR EVALUATING THE METABOLIC ACTIVITY OF A NON-CANCER CELL
 - [54] PROCEDE D'EVALUATION DE L'ACTIVITE METABOLIQUE D'UNE CELLULE NON CANCEREUSE
 - [72] DEL BEN, FABIO, IT
 - [72] TURETTA, MATTEO, IT
 - [71] UNIVERSITA' DEGLI STUDI DI UDINE, IT
 - [85] 2023-01-06
 - [86] 2021-07-02 (PCT/IT2021/050206)
 - [87] (WO2022/009242)
 - [30] IT (102020000016429) 2020-07-07
-

[21] 3,189,060

[13] A1

- [51] Int.Cl. G01N 1/40 (2006.01) G01N 21/27 (2006.01) G01N 21/31 (2006.01) G01N 31/22 (2006.01) G01N 33/24 (2006.01)
- [25] EN
- [54] SOIL ANALYSIS COMPOSITIONS AND METHODS
- [54] COMPOSITIONS ET PROCEDES D'ANALYSE DE SOL
- [72] PETROSKI, RICHARD, US
- [72] NELSON, RACHEL, US
- [71] PRECISION PLANTING LLC, US
- [85] 2023-01-06
- [86] 2021-05-20 (PCT/IB2021/054345)
- [87] (WO2022/013624)
- [30] US (63/052,070) 2020-07-15
- [30] US (63/052,334) 2020-07-15
- [30] US (63/052,341) 2020-07-15
- [30] US (63/052,345) 2020-07-15
- [30] US (63/052,356) 2020-07-15
- [30] US (63/052,395) 2020-07-15
- [30] US (63/052,399) 2020-07-15
- [30] US (63/052,405) 2020-07-15
- [30] US (63/052,406) 2020-07-15
- [30] US (63/052,410) 2020-07-15
- [30] US (63/052,414) 2020-07-15
- [30] US (63/076,977) 2020-09-11

Demandes PCT entrant en phase nationale

<p>[21] 3,189,061 [13] A1</p> <p>[51] Int.Cl. A61K 31/343 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)</p> <p>[25] EN</p> <p>[54] PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING CANCER COMPRISING NAPHTHOQUINONE-BASED COMPOUND AND IMMUNE CHECKPOINT INHIBITOR AS ACTIVE INGREDIENTS</p> <p>[54] COMPOSITION PHARMACEUTIQUE POUR LA PREVENTION OU LE TRAITEMENT DU CANCER, COMPRENANT UN COMPOSE A BASE DE NAPHTHOQUINONE ET UN INHIBITEUR DE POINT DE CONTROLE IMMUNITAIRE EN TANT Q UE PRINCIPES ACTIFS</p> <p>[72] SO, HONG SEOB, KR [72] KWAK, TAE HWAN, KR [71] NADIANBIO LTD., KR [85] 2023-01-06 [86] 2021-07-09 (PCT/KR2021/008830) [87] (WO2022/010322) [30] KR (10-2020-0085711) 2020-07-10</p>
--

<p>[21] 3,189,062 [13] A1</p> <p>[51] Int.Cl. C01B 15/00 (2006.01) C01B 15/047 (2006.01) C01G 9/02 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD OF PREPARATION OF ZINC-OXYGEN-BASED NANOPARTICLES, ZINC PEROXIDE NANOPARTICLES OBTAINED BY THIS METHOD AND THEIR USE</p> <p>[54] PROCEDE DE PREPARATION DE NANOParticules A BASE DE ZINC-OXYGENE, NANOParticules DE PEROXYDE DE ZINC OBTENUES PAR CE PROCEDE ET LEUR UTILISATION</p> <p>[72] WOLSKA-PIETKIEWICZ, MALGORZATA, PL [72] JEDRZEJEWSKA, MARIA, PL [72] BOJARSKI, EMIL, PL [72] LEWINSKI, JANUSZ, PL [71] NANOXO SP. Z O.O., PL [85] 2023-01-06 [86] 2021-07-16 (PCT/PL2021/050054) [87] (WO2022/015180) [30] PL (P.434715) 2020-07-17</p>
--

<p>[21] 3,189,063 [13] A1</p> <p>[51] Int.Cl. F16J 15/02 (2006.01) D21D 5/06 (2006.01) F04D 29/10 (2006.01) F16J 15/32 (2016.01)</p> <p>[25] EN</p> <p>[54] GASKET FOR SEALING A DRIVE SHAFT OF A PULP WASHER</p> <p>[54] JOINT D'ETANCHEITE POUR RENDRE ETANCHE UN ARBRE D'ENTRAINEMENT D'UNE LESSIVEUSE DE PATE</p> <p>[72] KLINGLER, JAMES, US [72] MERCHEL, FRANK, US [71] VALMET AB, SE [85] 2023-01-06 [86] 2021-06-16 (PCT/SE2021/050585) [87] (WO2022/045940) [30] US (17/000,652) 2020-08-24</p>
--

<p>[21] 3,189,064 [13] A1</p> <p>[51] Int.Cl. G01F 23/00 (2022.01) G01V 3/12 (2006.01)</p> <p>[25] EN</p> <p>[54] STORED GRAIN INVENTORY MANAGEMENT NEURAL NETWORK</p> <p>[54] RESEAU NEURONAL DE GESTION D'INVENTAIRE DE GRAIN STOCKE</p> <p>[72] EDWARDS, KEELEY AKIKO, CA [72] JEFFREY, IAN, CA [72] GILMORE, COLIN GERALD, CA [72] KRAKALOVICH, KENNEDY, CA [72] KRUK, RYAN, CA [72] ASEFI, MOHAMMAD, CA [72] GEDDERT, NICHOLAS, CA [71] AGCO CORPORATION, US [71] UNIVERSITY OF MANITOBA, CA [85] 2023-01-09 [86] 2021-07-27 (PCT/IB2021/056810) [87] (WO2022/038437) [30] US (63/071,495) 2020-08-20</p>

<p>[21] 3,189,066 [13] A1</p> <p>[51] Int.Cl. A61K 9/70 (2006.01) A61K 31/573 (2006.01)</p> <p>[25] EN</p> <p>[54] DRUG DELIVERY DEVICE INCLUDING PATCH SEGMENTS</p> <p>[54] DISPOSITIF D'ADMINISTRATION DE MEDICAMENTS COMPRENANT DES SEGMENTS DE TIMBRE</p> <p>[72] ZABEL, MATTHEW TYLER, US [72] STANKARD, PHILIP, US [72] TREPP, ETHAN, US [72] PETERSON, TIMOTHY A., US [72] DAHMEN, KEITH, US [71] KINDEVA DRUG DELIVERY L.P., US [71] ZABEL, MATTHEW TYLER, US [71] STANKARD, PHILIP, US [71] TREPP, ETHAN, US [85] 2023-01-06 [86] 2021-07-06 (PCT/US2021/040434) [87] (WO2022/010837) [30] US (63/048,487) 2020-07-06</p>

<p>[21] 3,189,067 [13] A1</p> <p>[51] Int.Cl. A01M 7/00 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR ADJUSTING THE CHASSIS HEIGHT OF A MACHINE</p> <p>[54] Système et procédé de réglage de la hauteur du châssis d'une machine</p> <p>[72] LEMAY, ADAM JOSEPH, US [72] ROGOTZKE, STEVEN HENRY, US [72] FRANZEN, CODY EVAN, US [71] AGCO CORPORATION, US [85] 2023-01-09 [86] 2021-07-14 (PCT/IB2021/056323) [87] (WO2022/043781) [30] US (63/069,864) 2020-08-25</p>
--

PCT Applications Entering the National Phase

[21] 3,189,070

[13] A1

- [51] Int.Cl. A61K 47/60 (2017.01)
 - [25] EN
 - [54] **CROSSLINKED HYDROGEL FOR IMMUNE CHECKPOINT BLOCKADE DELIVERY**
 - [54] **HYDROGEL RETICULE D'ADMINISTRATION DE BLOCAGE DE POINT DE CONTROLE IMMUNITAIRE**
 - [72] GARCIA, ANDRES J., US
 - [72] CORONEL, MARIA M., US
 - [72] SHIRWAN, HAVAL, US
 - [72] YOLCU, ESMA S., US
 - [71] GEORGIA TECH RESEARCH CORPORATION, US
 - [71] UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC., US
 - [85] 2023-01-06
 - [86] 2021-07-08 (PCT/US2021/040863)
 - [87] (WO2022/011125)
 - [30] US (63/049,185) 2020-07-08
-

[21] 3,189,072

[13] A1

- [51] Int.Cl. B62D 49/06 (2006.01)
- [25] EN
- [54] **SYSTEM AND METHOD FOR ADJUSTING THE CHASSIS HEIGHT OF A MACHINE**
- [54] **SISTÈME ET PROCÉDÉ DE RÉGLAGE DE LA HAUTEUR DU CHASSIS D'UNE MACHINE**
- [72] LEMAY, ADAM JOSEPH, US
- [72] ROGOTZKE, STEVEN HENRY, US
- [72] FRANZEN, CODY EVAN, US
- [71] AGCO CORPORATION, US
- [85] 2023-01-09
- [86] 2021-07-14 (PCT/IB2021/056321)
- [87] (WO2022/043780)
- [30] US (63/069,833) 2020-08-25

[21] 3,189,074

[13] A1

- [51] Int.Cl. A01C 7/20 (2006.01)
 - [25] EN
 - [54] **IMPLEMENT HAVING A LINK ADJUSTABLE BY MEANS OF A PNEUMATIC ACTUATOR, AND RELATED METHOD**
 - [54] **OUTIL DOTE D'UNE LIAISON REGLABLE AU MOYEN D'UN ACTIONNEUR PNEUMATIQUE, ET PROCEDE ASSOCIE**
 - [72] HUGHES, JEFFREY SCOTT, US
 - [71] AGCO CORPORATION, US
 - [85] 2023-01-09
 - [86] 2021-06-21 (PCT/IB2021/055446)
 - [87] (WO2022/038427)
 - [30] US (63/067,096) 2020-08-18
-

[21] 3,189,079

[13] A1

- [51] Int.Cl. A61F 13/02 (2006.01) A61F 13/00 (2006.01) A61M 1/00 (2006.01)
- [25] EN
- [54] **NEGATIVE-PRESSURE DRESSING WITH PREFERENTIAL LATERAL CONTRACTION**
- [54] **PANSEMENT A PRESSION NEGATIVE AVEC CONTRACTION LATÉRALE PREFERENTIELLE**
- [72] SIMMONS, TYLER H., US
- [72] HANER, MARILYN, US
- [72] GONZALEZ, JAVIER, US
- [71] KCI LICENSING, INC., US
- [85] 2023-01-09
- [86] 2021-06-14 (PCT/IB2021/055226)
- [87] (WO2022/008998)
- [30] US (63/049,866) 2020-07-09

[21] 3,189,080

[13] A1

- [51] Int.Cl. G06T 7/80 (2017.01) G06T 7/246 (2017.01) G06T 7/00 (2017.01) G07F 17/32 (2006.01) G08B 13/196 (2006.01) H04N 5/76 (2006.01) H04N 7/18 (2006.01)
 - [25] EN
 - [54] **SYSTEMS AND METHODS FOR TRACKING GAMING ACTIVITY**
 - [54] **SISTÈMES ET PROCÉDÉS DE SUIVI D'ACTIVITÉ DE JEU**
 - [72] BULZACKI, ADRIAN, CA
 - [72] CAZAN, VLAD, CA
 - [72] KEPINSKI, ANDRZEJ, CA
 - [72] STAL, ALEXANDER GEORGE, CA
 - [71] ARB LABS INC., CA
 - [85] 2023-01-09
 - [86] 2021-07-07 (PCT/CA2021/050933)
 - [87] (WO2022/006674)
 - [30] US (63/049,061) 2020-07-07
-

[21] 3,189,083

[13] A1

- [51] Int.Cl. A23K 10/30 (2016.01) A23K 20/147 (2016.01) C12N 9/16 (2006.01) C12N 15/82 (2006.01)
- [25] EN
- [54] **PHYTASE VARIANTS AND POLYNUCLEOTIDES ENCODING SAME**
- [54] **VARIANTS DE PHYTASE ET POLYNUCLEOTIDES LES CODANT**
- [72] VIND, JESPER, DK
- [72] SKOV, LARS KOBBEROE, DK
- [72] ZHAI, HENGXIAO, CH
- [72] ZHANG, QIAN, CH
- [72] SANTIGOSA, ESTER, CH
- [72] SORBARA, JOSE-OTAVIO, CH
- [72] SEON, AURELIA ANNE CATHERINE CHARLOTTE, CH
- [72] WALK, CARRIE LOUISE, CH
- [71] NOVOZYMES A/S, DK
- [85] 2023-01-09
- [86] 2021-08-13 (PCT/EP2021/072591)
- [87] (WO2022/034211)
- [30] EP (20190917.3) 2020-08-13
- [30] EP (20201328.0) 2020-10-12
- [30] CN (PCT/CN2021/081613) 2021-03-18
- [30] EP (21172706.0) 2021-05-07

Demandes PCT entrant en phase nationale

[21] **3,189,088**
[13] A1

- [51] Int.Cl. E03C 1/044 (2006.01) E03C 1/05 (2006.01)
 - [25] EN
 - [54] SANITARY FITTING WITH A MULTI-FUNCTION OPTION AND HYBRID OPERATION
 - [54] ROBINETTERIE SANITAIRE A OPTION MULTIFONCTION ET FONCTIONNEMENT HYBRIDE
 - [72] WAWRLA, ANDREAS, CH
 - [71] AQUIS SYSTEMS AG, CH
 - [85] 2023-01-09
 - [86] 2021-07-29 (PCT/EP2021/071315)
 - [87] (WO2022/023487)
 - [30] EP (20189056.3) 2020-07-31
-

[21] **3,189,091**
[13] A1

- [51] Int.Cl. F41A 23/24 (2006.01) F41A 23/02 (2006.01) F41A 27/06 (2006.01) F41F 3/06 (2006.01) F41H 5/16 (2006.01) F41H 5/20 (2006.01) F42B 39/24 (2006.01)
- [25] EN
- [54] MODULAR INTEGRATION KIT FOR A POSITIONING SYSTEM
- [54] KIT D'INTEGRATION MODULAIRE POUR SYSTEME DE POSITIONNEMENT
- [72] FERGUSON, WILLIAM DONALD, US
- [72] HOLDEN, DAVID JOHN, US
- [71] MSI DEFENSE SOLUTIONS, LLC, US
- [85] 2023-01-06
- [86] 2021-07-09 (PCT/US2021/041151)
- [87] (WO2022/011295)
- [30] US (63/050,060) 2020-07-09

[21] **3,189,113**
[13] A1

- [51] Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01)
 - [25] EN
 - [54] TIGIT AND CD112R BLOCKADE
 - [54] BLOCAGE DE TIGIT ET DE CD112R
 - [72] SOHN, SUE J., US
 - [72] MOCK, MARISSA, US
 - [72] FOLTZ, IAN NEVIN, US
 - [72] KIELCZEWSKA, AGNIESZKA, US
 - [72] MANCHULENKO, KATHY, US
 - [72] BULLIARD, YANNICK, US
 - [72] MIN, XIAOSHAN, US
 - [71] AMGEN INC., US
 - [85] 2023-01-06
 - [86] 2021-07-14 (PCT/US2021/041625)
 - [87] (WO2022/015853)
 - [30] US (63/052,011) 2020-07-15
 - [30] US (63/212,315) 2021-06-18
-

[21] **3,189,115**
[13] A1

- [51] Int.Cl. A24F 40/95 (2020.01) A24F 40/90 (2020.01) H02J 7/00 (2006.01) H02J 7/02 (2016.01) A24F 47/00 (2020.01) A61M 11/04 (2006.01) A61M 15/06 (2006.01)
 - [25] EN
 - [54] CHARGING SOLUTIONS FOR AEROSOL GENERATION DEVICE
 - [54] SOLUTIONS DE CHARGE POUR DISPOSITIF DE GENERATION D'AEROSOL
 - [72] SMITH, LAURA, US
 - [72] ALLER, JARED, US
 - [72] LUKAN, SEAN, US
 - [72] MCNEIL, RAE, US
 - [72] WOODARD, RICHARD, US
 - [72] GATTI, BENJAMIN, US
 - [71] RAI STRATEGIC HOLDINGS, INC., US
 - [85] 2023-01-06
 - [86] 2021-07-21 (PCT/US2021/042568)
 - [87] (WO2022/020466)
 - [30] US (63/054,455) 2020-07-21
 - [30] US (17/380,637) 2021-07-20
-

[21] **3,189,116**
[13] A1

- [51] Int.Cl. A61B 18/22 (2006.01) A61B 18/00 (2006.01)
 - [25] EN
 - [54] FLUID MANAGEMENT SYSTEM WITH INTEGRATED LASER FIBER COOLING
 - [54] SYSTEME DE GESTION DE FLUIDE AVEC REFROIDISSEMENT DE FIBRE LASER INTEGRE
 - [72] MAHER, MICHELLE, IE
 - [72] SMITH, LEE, IE
 - [72] STANHOPE, WILLIAM, US
 - [72] KHATTAR, NISHANT, US
 - [72] WONG, ERIC, US
 - [72] RAUNIYAR, NIRAJ PRASAD, US
 - [72] ERNSTER, LOGAN, US
 - [71] BOSTON SCIENTIFIC SCIMED, INC., US
 - [85] 2023-01-06
 - [86] 2021-07-29 (PCT/US2021/043656)
 - [87] (WO2022/026676)
 - [30] US (63/058,687) 2020-07-30
-

[21] **3,189,117**
[13] A1

- [51] Int.Cl. E02F 3/36 (2006.01)
- [25] EN
- [54] I-LOCK COUPLER
- [54] COUPLEUR DE VERROUILLAGE EN I
- [72] WALTHERS, CHRISTOPHER M., US
- [72] SNAZA, WESLEY A., US
- [71] CASCADE CORPORATION, US
- [85] 2023-01-06
- [86] 2021-07-29 (PCT/US2021/043802)
- [87] (WO2022/026778)
- [30] US (63/058,232) 2020-07-29

PCT Applications Entering the National Phase

[21] 3,189,118
[13] A1

- [51] Int.Cl. B60L 53/50 (2019.01) B60L 53/53 (2019.01) B60L 53/55 (2019.01) H02J 7/02 (2016.01) H02J 7/22 (2006.01)
- [25] EN
- [54] ELECTRIC VEHICLE (EV) FAST RECHARGE STATION AND SYSTEM
- [54] STATION ET SYSTEME DE RECHARGE RAPIDE DE VEHICULE ELECTRIQUE (VE)
- [72] STANFIELD, JAMES RICHARD, US
- [71] THE NOCO COMPANY, US
- [85] 2023-01-06
- [86] 2021-08-03 (PCT/US2021/044321)
- [87] (WO2022/031689)
- [30] US (16/984,817) 2020-08-04

[21] 3,189,121
[13] A1

- [51] Int.Cl. C11B 1/02 (2006.01) C11B 13/00 (2006.01) C11C 3/00 (2006.01) C12N 9/20 (2006.01) C12P 7/06 (2006.01) C12P 7/64 (2022.01) C12P 39/00 (2006.01)
- [25] EN
- [54] ENDOGENOUS LIPASE FOR METAL REDUCTION IN DISTILLERS CORN OIL
- [54] LIPASE ENDOGENE POUR LA REDUCTION DE METAUX DANS L'HUILE DE MAIS DE DISTILLERIE
- [72] MANNING, ANDREW J., US
- [72] MCCURDY, ALEX T., US
- [72] BLY, STEVEN T., US
- [71] POET RESEARCH, INC., US
- [85] 2023-01-06
- [86] 2021-08-05 (PCT/US2021/044812)
- [87] (WO2022/032011)
- [30] US (63/062,135) 2020-08-06

[21] 3,189,122
[13] A1

- [51] Int.Cl. G10L 19/00 (2013.01) G10L 19/002 (2013.01) G10L 19/018 (2013.01) G06T 1/00 (2006.01) H04S 3/00 (2006.01)
- [25] EN
- [54] TRANSPARENT DATA ENCRYPTION
- [54] CHIFFREMENT TRANSPARENT DE DONNEES
- [72] DUNN, JOHN WARREN, US
- [71] QSC, LLC, US
- [85] 2023-01-06
- [86] 2021-09-21 (PCT/US2021/051352)
- [87] (WO2022/066662)
- [30] US (63/081,822) 2020-09-22

[21] 3,189,127
[13] A1

- [51] Int.Cl. G01C 19/38 (2006.01) E02F 3/84 (2006.01) E02F 9/20 (2006.01) G01C 21/16 (2006.01)
- [25] EN
- [54] ABSOLUTE HEADING ESTIMATION WITH CONSTRAINED MOTION
- [54] ESTIMATION DE CAP ABSOLU AVEC MOUVEMENT SOUS CONTRAINTE
- [72] COLLIN, JUSSI, FI
- [71] NORDIC INERTIAL OY, FI
- [85] 2023-01-09
- [86] 2021-07-02 (PCT/EP2021/068286)
- [87] (WO2022/008361)
- [30] DE (10 2020 118 321.6) 2020-07-10

[21] 3,189,123
[13] A1

- [51] Int.Cl. C08F 210/16 (2006.01)
- [25] EN
- [54] METALLOCENE CATALYST SYSTEMS WITH CHEMICALLY-TREATED SOLID OXIDES FOR PRODUCING ETHYLENE-BASED PLASTOMERS AND ELASTOMERS
- [54] SYSTEMES CATALYTIQUES METALLOCENES AVEC DES OXYDES SOLIDES TRAITES CHIMIQUEMENT POUR PRODUIRE DES PLASTOMERES ET DES ELASTOMERES A BASE D'ETHYLENE
- [72] KUFELD, SCOTT E., US
- [72] McDANIEL, MAX P., US
- [72] DOOLEY, KENNETH A., US
- [71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
- [85] 2023-01-06
- [86] 2021-07-01 (PCT/US2021/070811)
- [87] (WO2022/016171)
- [30] US (16/928,130) 2020-07-14

[21] 3,189,129
[13] A1

- [51] Int.Cl. A61K 31/7088 (2006.01) C12N 15/113 (2010.01) A61P 35/00 (2006.01)
- [25] EN
- [54] INHIBITORS OF LINE1 AND USES THEREOF
- [54] INHIBITEURS DE LINE1 ET LEURS UTILISATIONS
- [72] BODEGA, BEATRICE, IT
- [72] MARASCA, FEDERICA, IT
- [71] T-ONE THERAPEUTICS S.R.L., IT
- [85] 2023-01-09
- [86] 2021-07-19 (PCT/EP2021/070181)
- [87] (WO2022/013455)
- [30] EP (20186492.3) 2020-07-17

[21] 3,189,132
[13] A1

- [51] Int.Cl. F42B 12/38 (2006.01)
- [25] EN
- [54] NON-INCENDIARY TRACERS
- [54] TRACEURS NON INCENDIAIRES
- [72] AKHMAD, MOHAMMED-ASIF, GB
- [72] BINNS, RICHARD, GB
- [72] CRANE, DANIEL PHILLIP, GB
- [71] BAE SYSTEMS PLC, GB
- [85] 2023-01-09
- [86] 2021-06-30 (PCT/GB2021/051661)
- [87] (WO2022/013522)
- [30] GB (2010965.8) 2020-07-16
- [30] EP (20275120.2) 2020-07-16

Demandes PCT entrant en phase nationale

<p>[21] 3,189,193 [13] A1</p> <p>[51] Int.Cl. A01N 45/00 (2006.01) A01P 7/04 (2006.01)</p> <p>[25] EN</p> <p>[54] MIXTURE OF LEVONORGESTREL AND ETHINYLESTRADIOL FOR BARK BEETLE CONTROL</p> <p>[54] MELANGE DE LEVONORGESTREL ET D'ETHINYLESTRADIOL POUR LE CONTROLE DES SCOLYTES</p> <p>[72] NORIEGA VACA, ALFREDO ALEJANDRO, MX</p> <p>[72] GRANEN PORRUA, MANUEL JOSE, MX</p> <p>[71] NORIEGA VACA, ALFREDO ALEJANDRO, MX</p> <p>[71] GRANEN PORRUA, MANUEL JOSE, MX</p> <p>[85] 2023-01-09</p> <p>[86] 2021-05-27 (PCT/MX2021/050025)</p> <p>[87] (WO2022/015144)</p> <p>[30] MX (MX/a/2020/005871) 2020-07-13</p>
--

<p>[21] 3,189,194 [13] A1</p> <p>[51] Int.Cl. B65B 13/02 (2006.01) B65B 13/18 (2006.01) B65B 13/22 (2006.01)</p> <p>[25] EN</p> <p>[54] STRAPPING TOOL</p> <p>[54] OUTIL DE CERCLAGE</p> <p>[72] NEESER, MIRCO, CH</p> <p>[72] BOLLIGER, KURT, CH</p> <p>[72] KELLER, ANDREAS, CH</p> <p>[71] SIGNODE INDUSTRIAL GROUP LLC, US</p> <p>[85] 2023-01-09</p> <p>[86] 2021-07-08 (PCT/US2021/040834)</p> <p>[87] (WO2022/015566)</p> <p>[30] US (63/050,965) 2020-07-13</p> <p>[30] US (63/196,391) 2021-06-03</p>

<p>[21] 3,189,195 [13] A1</p> <p>[51] Int.Cl. A41D 13/11 (2006.01) A62B 23/02 (2006.01) B01D 39/16 (2006.01) D06M 11/42 (2006.01) D06M 15/00 (2006.01)</p> <p>[25] EN</p> <p>[54] SMART MASK</p> <p>[54] MASQUE INTELLIGENT</p> <p>[72] KAISERMAN, TERRANCE, US</p> <p>[72] GENTILE, JOHN, US</p> <p>[72] FERBER, ANDREW, US</p> <p>[72] GENTILE, ANTHONY, US</p> <p>[72] MODELL, MITCHELL, US</p> <p>[71] VITIPRINTS, LLC, US</p> <p>[85] 2023-01-09</p> <p>[86] 2021-07-08 (PCT/US2021/040837)</p> <p>[87] (WO2022/011111)</p> <p>[30] US (63/049,820) 2020-07-09</p> <p>[30] US (17/332,367) 2021-05-27</p>

<p>[21] 3,189,196 [13] A1</p> <p>[51] Int.Cl. C12M 3/00 (2006.01) G01N 33/50 (2006.01)</p> <p>[25] EN</p> <p>[54] SUPPORT AND SYSTEM FOR ENGINEERED TISSUE</p> <p>[54] SUPPORT ET SYSTEME POUR TISSUS TECHNIQUES</p> <p>[72] ROBERTS, ERIN G., CN</p> <p>[72] LEE, EUGENE K., CN</p> <p>[72] TRAN, DAVID D., CN</p> <p>[72] MAK, SUET YEE, CN</p> <p>[72] FERMINI, BERNARD, CN</p> <p>[72] WONG, ANDY, CN</p> <p>[71] NOVOHEART INTERNATIONAL LIMITED, CN</p> <p>[85] 2023-01-09</p> <p>[86] 2021-07-08 (PCT/US2021/040923)</p> <p>[87] (WO2022/011163)</p> <p>[30] US (63/049,703) 2020-07-09</p>

<p>[21] 3,189,199 [13] A1</p> <p>[51] Int.Cl. A61B 6/03 (2006.01) A61P 35/00 (2006.01) G01N 33/574 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS OF MAKING PROSTATE CANCER TREATMENT DECISIONS</p> <p>[54] METHODES DE PRISE DE DECISIONS DANS LE TRAITEMENT DU CANCER DE LA PROSTATE</p> <p>[72] WONG, VIVIEN, US</p> <p>[71] PROGENICS PHARMACEUTICALS, INC, US</p> <p>[85] 2023-01-09</p> <p>[86] 2021-07-09 (PCT/US2021/041000)</p> <p>[87] (WO2022/011207)</p> <p>[30] US (63/050,371) 2020-07-10</p> <p>[30] US (63/051,797) 2020-07-14</p> <p>[30] US (63/090,561) 2020-10-12</p>
--

<p>[21] 3,189,202 [13] A1</p> <p>[51] Int.Cl. A01H 6/28 (2018.01) A01H 1/00 (2006.01) A01H 4/00 (2006.01) A01H 5/10 (2018.01)</p> <p>[25] EN</p> <p>[54] VARIN PROFILES</p> <p>[54] PROFILS DE VARINE</p> <p>[72] HOLLOWAY, ALISHA, US</p> <p>[72] REYNBERY, JARED, US</p> <p>[72] HARDWICK, KAYLA, US</p> <p>[72] MCFERSON, JOHN, US</p> <p>[72] KARASSIK, NISHAN, US</p> <p>[72] BAKKER, ERICA, US</p> <p>[71] PHYLOS BIOSCIENCE, INC., US</p> <p>[85] 2023-01-09</p> <p>[86] 2021-07-09 (PCT/US2021/041137)</p> <p>[87] (WO2022/015599)</p> <p>[30] US (63/050,866) 2020-07-12</p> <p>[30] US (63/139,558) 2021-01-20</p> <p>[30] US (63/186,082) 2021-05-08</p>
--

PCT Applications Entering the National Phase

[21] 3,189,206
[13] A1

- [51] Int.Cl. A61K 45/00 (2006.01) A61K 31/4709 (2006.01) A61K 31/497 (2006.01) A61K 31/5377 (2006.01) A61K 39/395 (2006.01) A61K 48/00 (2006.01) A61P 27/02 (2006.01) A61P 27/06 (2006.01) G01N 33/50 (2006.01)
- [25] EN
- [54] TRPV4 INHIBITOR AS THERAPEUTIC AGENT FOR OCULAR DISEASE
- [54] INHIBITEUR DE TRPV4 EN TANT QUE MEDICAMENT THERAPEUTIQUE POUR UNE MALADIE OCULAIRE
- [72] OHARA, KENTARO, JP
- [72] WATANABE, SHUZO, JP
- [72] HARA, HIDEAKI, JP
- [72] SHIMAZAWA, MASAMITSU, JP
- [72] SUGARU, EIJI, JP
- [71] RAQUALIA PHARMA INC., JP
- [85] 2022-12-08
- [86] 2021-07-16 (PCT/JP2021/026829)
- [87] (WO2022/014707)
- [30] US (63/052,572) 2020-07-16
-

[21] 3,189,209
[13] A1

- [51] Int.Cl. C09D 7/61 (2018.01) B82Y 30/00 (2011.01) C09D 5/00 (2006.01) H01B 3/02 (2006.01)
- [25] EN
- [54] HYBRID INSULATING COMPOUND FOR USE IN SYSTEMS REQUIRING HIGH POWER OF THERMAL INSULATION
- [54] COMPOSE ISOLANT HYBRIDE DESTINE A ETRE UTILISE DANS DES SYSTEMES NECESSITANT UNE PUISSANCE ELEVEE D'ISOLATION THERMIQUE
- [72] REZENDE, CLAUDINEI CALADO, US
- [71] NANOTECH, INC., US
- [85] 2023-01-09
- [86] 2021-07-12 (PCT/US2021/041274)
- [87] (WO2022/015645)
- [30] US (63/050,969) 2020-07-13
- [30] US (17/156,791) 2021-01-25

[21] 3,189,212
[13] A1

- [51] Int.Cl. B01J 20/24 (2006.01) C02F 11/147 (2019.01) C02F 11/148 (2019.01) B01J 20/02 (2006.01) B01J 20/26 (2006.01) B01J 20/28 (2006.01) B01J 20/30 (2006.01) C02F 1/28 (2006.01)
- [25] EN
- [54] PELLETIZED COMPOSITIONS FOR LIQUID SOLIDIFICATION AND MOISTURE RETENTION
- [54] COMPOSITIONS EN PASTILLES POUR LA SOLIDIFICATION DES LIQUIDES ET LA RETENTION D'HUMIDITE
- [72] DORSCH, MICHAEL GERARD, US
- [71] MARTLIN DISTRIBUTING, LLC, US
- [85] 2023-01-09
- [86] 2021-07-13 (PCT/US2021/041393)
- [87] (WO2022/015708)
- [30] US (63/050,985) 2020-07-13
-

[21] 3,189,217
[13] A1

- [51] Int.Cl. A61K 31/519 (2006.01) A61P 25/00 (2006.01) C07D 487/04 (2006.01)
- [25] EN
- [54] 7-(PIPERIDIN-1-YL)-4H-PYRIMIDO[1,2-B]PYRIDAZIN-4-ONE DERIVATIVES AS POSITIVE ALLOSTERIC MODULATORS OF THE MUSCARINIC ACETYLCHOLINE RECEPTOR M4
- [54] DERIVES DE 7-(PIPERIDIN-1-YL)-4H-PYRIMIDO[1,2-B]PYRIDAZIN-4-ONE A UTILISER EN TANT QUE MODULATEURS ALLOSTERIQUES POSITIFS DU RECEPTEUR MUSCARINIQUE DE L'ACETYLCHOLINE M4
- [72] LINDSLEY, CRAIG W., US
- [72] CONN, P. JEFFREY, US
- [72] ENGERS, DARREN W., US
- [72] GREGRO, ALISON R., US
- [72] TEMPLE, KAYLA J., US
- [72] LONG, MADELINE F., US
- [72] RINGUETTE, ANNA E., US
- [72] BAKER, LOGAN A., US
- [72] JENSEN, THOMAS, DK
- [71] VANDERBILT UNIVERSITY, US
- [85] 2023-01-09
- [86] 2021-07-15 (PCT/US2021/041836)
- [87] (WO2022/015988)
- [30] US (63/052,085) 2020-07-15
-

[21] 3,189,219
[13] A1

- [51] Int.Cl. A61B 5/00 (2006.01) A61B 5/02 (2006.01) A61B 5/029 (2006.01) A61B 5/145 (2006.01) A61B 5/1455 (2006.01) A61M 1/14 (2006.01) A61M 1/16 (2006.01)
- [25] EN
- [54] TECHNIQUES FOR NON-INVASIVE DETERMINATION OF ESTIMATED CARDIAC OUTPUT DURING DIALYSIS TREATMENT
- [54] TECHNIQUES DE DETERMINATION NON INVASIVE DU DEBIT CARDIAQUE ESTIME AU COURS D'UN TRAITEMENT DE DIALYSE
- [72] KOTANKO, PETER, US
- [72] THIJSSEN, STEPHAN, US
- [72] CAMPOS, ISRAEL, MX
- [72] ZHANG, HANJE, US
- [71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
- [85] 2023-01-09
- [86] 2021-07-21 (PCT/US2021/042463)
- [87] (WO2022/026255)
- [30] US (16/939,312) 2020-07-27
-

[21] 3,189,221
[13] A1

- [51] Int.Cl. A61B 10/00 (2006.01)
- [25] EN
- [54] FILTER-DEVICE FOR COLLECTING DIALYSIS EFFLUENT TARGET MATERIALS
- [54] DISPOSITIF DE FILTRATION PERMETTANT DE COLLECTER DES MATIERES CIBLES D'EFFLUENT DE DIALYSE
- [72] HAKIM, MOHAMAD IMTIAZ, US
- [72] TAO, XIA, US
- [72] GARBACCIO, MIA, US
- [72] KOTANKO, PETER, US
- [72] WANG, XIAOLING, US
- [71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
- [85] 2023-01-09
- [86] 2021-07-21 (PCT/US2021/042524)
- [87] (WO2022/020436)
- [30] US (63/056,078) 2020-07-24

Demandes PCT entrant en phase nationale

[21] **3,189,224**
[13] A1

[51] Int.Cl. A61F 2/24 (2006.01)
[25] EN
[54] DOCKING STATION FOR HEART VALVE PROSTHESIS
[54] STATION D'ACCUEIL DE PROTHESE DE VALVE CARDIAQUE
[72] TRAN, TRI D., US
[72] SAIDUDDIN, ADEEB, US
[72] CAYABYAB, RONALDO C., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2023-01-09
[86] 2021-07-22 (PCT/US2021/042788)
[87] (WO2022/020599)
[30] US (63/055,809) 2020-07-23

[21] **3,189,225**
[13] A1

[51] Int.Cl. A61K 47/68 (2017.01) A61K 49/00 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01)
[25] EN
[54] ANTI-CD228 ANTIBODIES AND ANTIBODY-DRUG CONJUGATES
[54] ANTICORPS ANTI-CD228 ET CONJUGUES ANTICORPS-MEDICAMENT
[72] SANDALL, SHARSTI, US
[72] WAIGHT, ANDREW, US
[71] SEAGEN INC., US
[85] 2023-01-09
[86] 2021-08-03 (PCT/US2021/044273)
[87] (WO2022/031652)
[30] US (63/061,111) 2020-08-04

[21] **3,189,226**
[13] A1

[51] Int.Cl. G16C 60/00 (2019.01)
[25] EN
[54] PREDICTING SHELF LIFE STABILITY OF LYOPHILIZED DRUG PRODUCTS
[54] PREDICTION DE STABILITE DE DUREE DE CONSERVATION DE PRODUITS MEDICAMENTEUX LYOPHILISES
[72] KELLY, RON CHRISTOPHER, US
[72] CHAVES, MARY, US
[72] CAPORINI, MARC A., US
[72] SCHLEGEL, FABRICE, US
[71] AMGEN INC., US
[85] 2023-01-09
[86] 2021-08-30 (PCT/US2021/048181)
[87] (WO2022/055738)
[30] US (63/075,956) 2020-09-09

[21] **3,189,232**
[13] A1

[51] Int.Cl. G10L 19/08 (2013.01)
[25] EN
[54] STEREO AUDIO SIGNAL DELAY ESTIMATION METHOD AND APPARATUS
[54] PROCEDE ET APPAREIL POUR ESTIMER LE RETARD TEMPOREL D'UN SIGNAL AUDIO STEREO
[72] DING, JIANCE, CN
[72] WANG, ZHE, CN
[72] WANG, BIN, CN
[72] XIA, BINGYIN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2023-01-10
[86] 2021-07-15 (PCT/CN2021/106515)
[87] (WO2022/012629)
[30] CN (202010700806.7) 2020-07-17

[21] **3,189,234**
[13] A1

[51] Int.Cl. E04F 13/08 (2006.01) E04F 13/14 (2006.01)
[25] EN
[54] CONSTRUCTION OF AN ARCH
[54] CONSTRUCTION D'UN ARC
[72] STUART, JOHN, GB
[71] ACS FACADES HOLDINGS LIMITED, GB
[85] 2023-01-10
[86] 2021-06-11 (PCT/EP2021/065853)
[87] (WO2022/012829)
[30] GB (2010776.9) 2020-07-13
[30] EP (PCT/EP2020/069802) 2020-07-13
[30] GB (2107034.7) 2021-05-17

[21] **3,189,237**
[13] A1

[51] Int.Cl. B64F 1/32 (2006.01) B64F 1/36 (2017.01) B62B 3/00 (2006.01)
[25] EN
[54] A SYSTEM AND METHOD OF HANDLING PIECES OF LUGGAGE
[54] SYSTEME ET PROCEDE DE MANIPULATION DE VALISES
[72] BARGUM, JONAS RIDDERSHOLM, DK
[72] PALDAVICIUS, DOVYDAS, DK
[71] BBHS A/S, DK
[85] 2023-01-10
[86] 2021-06-29 (PCT/EP2021/067858)
[87] (WO2022/012921)
[30] EP (20185649.9) 2020-07-14

[21] **3,189,238**
[13] A1

[51] Int.Cl. A61K 38/20 (2006.01) A61P 37/00 (2006.01)
[25] EN
[54] TREATMENT OF IMMUNE DEPRESSION
[54] TRAITEMENT DE LA DEPRESSION IMMUNITAIRE
[72] INCHAUSSPE, GENEVIEVE, FR
[72] MARTIN, PERRINE, FR
[72] LEUNG-THEUNG-LONG, STEPHANE, FR
[72] LELU-SANTOLARIA, KARINE, FR
[72] EVLACHEV, ALEXEI, FR
[72] COUPET, CHARLES ANTOINE, FR
[72] RAY, AURELIE, FR
[72] DUBOIS, CLARISSE, FR
[71] TRANSGENE, FR
[85] 2023-01-10
[86] 2021-07-13 (PCT/EP2021/069463)
[87] (WO2022/013221)
[30] EP (20305798.9) 2020-07-13

[21] **3,189,280**
[13] A1

[51] Int.Cl. E05D 3/02 (2006.01) E05D 11/00 (2006.01) G06F 1/16 (2006.01) H01R 13/62 (2006.01) H01R 31/06 (2006.01) H01R 35/04 (2006.01)
[25] EN
[54] TORQUE HINGE, DEVICE HAVING A TORQUE HINGE, AND USE OF A TORQUE HINGE
[54] CHARNIERE A FRICTION, DISPOSITIF COMPORTANT UNE CHARNIERE A FRICTION ET UTILISATION D'UNE CHARNIERE A FRICTION
[72] LINDER, PHILIPP, DE
[71] SYSTECS & SOLUTIONS GMBH, DE
[85] 2023-01-10
[86] 2021-07-14 (PCT/EP2021/069560)
[87] (WO2022/013271)
[30] EP (20000257.4) 2020-07-17

PCT Applications Entering the National Phase

[21] 3,189,281
[13] A1

- [51] Int.Cl. C07C 67/08 (2006.01) C07C 67/307 (2006.01) C07C 69/62 (2006.01) C07C 69/675 (2006.01)
 - [25] FR
 - [54] METHOD FOR SYNTHESISING 2-BROMOGLUTARIC ACID DIESTERS
 - [54] PROCEDE DE SYNTHESE DE DIESTERS D'ACIDE 2-BROMOGLUTARIQUE
 - [72] PARATIAN, JEAN-MICHEL, FR
 - [72] CERF, MARTINE, FR
 - [71] GUERBET, FR
 - [85] 2023-01-10
 - [86] 2021-07-16 (PCT/EP2021/070022)
 - [87] (WO2022/013440)
 - [30] EP (20305823.5) 2020-07-16
-

[21] 3,189,284
[13] A1

- [51] Int.Cl. A61K 31/00 (2006.01) A61K 31/19 (2006.01) A61K 31/198 (2006.01) A61P 9/10 (2006.01) A61P 15/08 (2006.01) A61P 25/28 (2006.01) A61P 37/04 (2006.01)
- [25] EN
- [54] PHARMACEUTICAL COMBINATION COMPRISING GLYCOLIC ACID AND L-ALANINE OR PYRUVATE
- [54] COMBINAISON PHARMACEUTIQUE COMPRENANT DE L'ACIDE GLYCOLIQUE ET DE LA L-ALANINE
- [72] PAN-MONTOJO, FRANCISCO, DE
- [71] PAN-MONTOJO, FRANCISCO, DE
- [85] 2023-01-10
- [86] 2021-07-30 (PCT/EP2021/071431)
- [87] (WO2022/023545)
- [30] EP (20188919.3) 2020-07-31

[21] 3,189,288
[13] A1

- [51] Int.Cl. G01V 3/10 (2006.01) G01V 3/15 (2006.01) G01V 3/165 (2006.01)
 - [25] EN
 - [54] SUSPENSION OF ELECTROMAGNETIC RECEIVER COIL
 - [54] SUSPENSION DE BOBINE DE RECEPTEUR ELECTROMAGNETIQUE
 - [72] POULSEN, GREGERS, GJERLEV, DK
 - [72] MAI, SUNE, SCHOTT, DK
 - [72] MOHR, KRISTOFFER, SKOVGAARD, DK
 - [72] NYBOE, NICKLAS, SKOVGAARD, DK
 - [71] SELSKABET AF 6. APRIL 2010 APS, DK
 - [85] 2023-01-10
 - [86] 2021-08-11 (PCT/EP2021/072327)
 - [87] (WO2022/034115)
 - [30] DK (PA 2020 70525) 2020-08-12
-

[21] 3,189,291
[13] A1

- [51] Int.Cl. C07K 14/55 (2006.01) A61K 35/768 (2015.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C12N 15/86 (2006.01) C12N 15/863 (2006.01)
- [25] EN
- [54] RECOMBINANT VACCINIA VIRUS
- [54] VIRUS RECOMBINANT DE VACCIN
- [72] BINDER, JOSEPH JOHN, US
- [72] EISENTRAUEN, MICHAEL DALE, US
- [72] LEES, CLARE, US
- [72] MYERS, JEREMY SHAWN, US
- [72] PATTERSON, JAMES TRAVIS, US
- [71] PFIZER INC., US
- [85] 2023-01-10
- [86] 2021-07-09 (PCT/IB2021/056192)
- [87] (WO2022/013696)
- [30] US (63/051,628) 2020-07-14
- [30] US (63/051,890) 2020-07-14

[21] 3,189,293
[13] A1

- [51] Int.Cl. C07K 16/30 (2006.01) C07K 16/42 (2006.01) G01N 33/53 (2006.01)
 - [25] EN
 - [54] ANTI-IDIOTYPIC ANTIBODIES AGAINST ANTI-KLK2 ANTIBODIES
 - [54] ANTICORPS ANTI-IDIOTYPIQUES DIRIGES CONTRE DES ANTICORPS ANTI-KLK2
 - [72] AINEKULU, ZEMEDA, US
 - [72] CHEN, QIANG, US
 - [72] CHI, ELLEN, US
 - [72] EDWARDS, WILSON, US
 - [72] HUSOVSKY, MATT, US
 - [72] LACOMBE, ANN, US
 - [72] NGUYEN, QUYNH, US
 - [72] KIM, PAUL H., US
 - [72] ZHOU, HONG MIMI, US
 - [72] LEE, JOHN T., US
 - [71] JANSSEN BIOTECH, INC., US
 - [85] 2023-01-10
 - [86] 2021-07-15 (PCT/IB2021/056417)
 - [87] (WO2022/013818)
 - [30] US (63/053,275) 2020-07-17
-

[21] 3,189,294
[13] A1

- [51] Int.Cl. C10M 163/00 (2006.01) C10M 169/04 (2006.01)
- [25] EN
- [54] SALICYLATE CONTAINING LUBRICATING OIL COMPOSITION FOR HYBRID VEHICLES
- [54] COMPOSITION D'HUILE LUBRIFIANTE CONTENANT DU SALICYLATE POUR VEHICULES HYBRIDES
- [72] TANAKA, ISAO, JP
- [72] MILLER, JOHN ROBERT, US
- [72] AOYAMA, KYOSUKE, JP
- [71] CHEVRON JAPAN LTD., JP
- [71] CHEVRON ORONITE COMPANY LLC, US
- [85] 2023-01-10
- [86] 2021-07-20 (PCT/IB2021/056526)
- [87] (WO2022/018623)
- [30] US (63/054,271) 2020-07-21

Demandes PCT entrant en phase nationale

[21] 3,189,295
[13] A1

[51] Int.Cl. C10M 141/12 (2006.01)
[25] EN
[54] MAGNESIUM AND BORON
CONTAINING LUBRICATING OIL
COMPOSITION FOR HYBRID
VEHICLES
[54] COMPOSITION D'HUILE
LUBRIFIANTE CONTENANT DU
MAGNESEUM ET DU BORE POUR
VEHICULES HYBRIDES
[72] TANAKA, ISAO, JP
[72] MILLER, JOHN ROBERT, US
[71] CHEVRON JAPAN LTD., JP
[71] CHEVRON ORONITE COMPANY
LLC, US
[85] 2023-01-10
[86] 2021-07-20 (PCT/IB2021/056527)
[87] (WO2022/018624)
[30] US (63/054,275) 2020-07-21

[21] 3,189,296
[13] A1

[51] Int.Cl. C10M 133/56 (2006.01) C10M
177/00 (2006.01)
[25] EN
[54] SUCCINIMIDE DISPERSANTS
POST-TREATED WITH
AROMATIC GLYCIDYL ETHERS
THAT EXHIBIT GOOD SOOT
HANDLING PERFORMANCE
[54] DISPERSANTS DE SUCCINIMIDE
POST-TRAITES AVEC DES
ETHERS GLYCIDYLIQUES
AROMATIQUES QUI
PRESENTENT DE BONNES
PERFORMANCES DE
MANIPULATION DE SUIE
[72] RUHE JR., WILLIAM RAYMOND,
US
[72] HOSSEINI, SEYEDEH
MAHBOOBEH, US
[71] CHEVRON ORONITE COMPANY
LLC, US
[85] 2023-01-10
[86] 2021-07-22 (PCT/IB2021/056636)
[87] (WO2022/018681)
[30] US (63/055,530) 2020-07-23

[21] 3,189,297
[13] A1

[51] Int.Cl. A61K 35/17 (2015.01) A61P
35/00 (2006.01) C07K 14/725
(2006.01) C07K 16/18 (2006.01) C07K
16/28 (2006.01)

[25] EN
[54] MULTI-SPECIFIC ANTIBODIES
BINDING TO BCMA
[54] ANTICORPS MULTI-
SPECIFIQUES SE LIANT A BCMA
[72] TRINKLEIN, NATHAN, US
[72] HARRIS, KATHERINE, US
[72] MALIK, HARBANI, US
[72] SCHELLENBERGER, UTE, US
[72] VAFA, OMID, US
[72] FORCE ALDRED, SHELLEY, US
[71] TENEOBIO, INC., US
[85] 2022-12-13
[86] 2021-06-30 (PCT/US2021/039961)
[87] (WO2022/006316)
[30] US (63/046,477) 2020-06-30

[21] 3,189,299
[13] A1

[51] Int.Cl. C10M 133/56 (2006.01) C10M
177/00 (2006.01)
[25] EN
[54] SUCCINIMIDE DISPERSANTS
POST-TREATED WITH
HETEROAROMATIC GLYCIDYL
ETHERS THAT EXHIBIT GOOD
SOOT HANDLING
PERFORMANCE
[54] DISPERSANTS SUCCINIMIDES
POST-TRAITES AVEC DES
ETHERS GLYCIDYLIQUES
HETEROAROMATIQUES QUI
OFFRENT DE BONNES
PERFORMANCES DE
TRAITEMENT DES SUIES
[72] SHAH, PRIYANK N., US
[72] MILLER, MORGAN L., US
[71] CHEVRON ORONITE COMPANY
LLC, US
[85] 2023-01-10
[86] 2021-07-22 (PCT/IB2021/056637)
[87] (WO2022/018682)
[30] US (63/055,547) 2020-07-23

[21] 3,189,302
[13] A1

[51] Int.Cl. A61K 31/5517 (2006.01) A61K
31/4015 (2006.01) A61P 25/28
(2006.01) A61P 35/00 (2006.01) C07D
487/14 (2006.01) C07D 519/00
(2006.01)
[25] EN
[54] COMBINATIONS OF GABAA
ALPHA 5 AGONISTS AND SV2A
INHIBITORS AND METHODS OF
USING IN THE TREATMENT OF
COGNITIVE IMPAIRMENT
[54] COMBINAISONS D'AGONISTES
DU GABAA ALPHA 5 ET
D'INHIBITEURS DE SV2A ET
METHODES D'UTILISATION
DANS LE TRAITEMENT D'UNE
DEFICIENCE COGNITIVE
[72] GALLAGHER, MICHELA, US
[72] ROSENZWEIG-LIPSON, SHARON,
US
[71] AGENEBIO, INC., US
[85] 2023-01-10
[86] 2021-07-09 (PCT/US2021/041184)
[87] (WO2022/011318)
[30] US (63/050,730) 2020-07-10

[21] 3,189,330
[13] A1

[51] Int.Cl. B65D 5/54 (2006.01)
[25] EN
[54] EASY OPEN APPARATUS FOR
MEDICAMENT STORAGE
CARTON
[54] APPAREIL FACILE A OUVRIR
POUR UN CARTON DE
STOCKAGE DE MEDICAMENT
[72] LOWE, TREVOR RAYMOND, US
[72] MERILOS, JOSHUA, US
[72] GERONDALE, SCOTT J., US
[72] THOMPSON, LEE, US
[72] NORTH, HARRISON, US
[72] BURMEISTER, JEFFREY, US
[72] RENTSCHLER, ALEXANDER, US
[72] MCGONIGLE, BRIAN, US
[71] AMGEN INC., US
[85] 2023-01-10
[86] 2021-09-02 (PCT/US2021/048781)
[87] (WO2022/051445)
[30] US (63/073,800) 2020-09-02

PCT Applications Entering the National Phase

[21] 3,189,331
[13] A1

- [51] Int.Cl. B32B 15/08 (2006.01) C08G 59/38 (2006.01) C08G 59/50 (2006.01) C08L 63/00 (2006.01)
- [25] EN
- [54] THERMOSET RESIN COMPOSITIONS
- [54] COMPOSITIONS DE RESINE THERMODURCIE
- [72] KINCAID, DEREK, US
- [72] LE, DONG, US
- [71] HUNTSMAN ADVANCED MATERIALS AMERICAS LLC, US
- [85] 2023-01-10
- [86] 2021-08-17 (PCT/US2021/046213)
- [87] (WO2022/040125)
- [30] US (63/066,335) 2020-08-17

[21] 3,189,333
[13] A1

- [51] Int.Cl. A61K 31/517 (2006.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C07K 16/32 (2006.01)
- [25] EN
- [54] METHODS OF TREATING HER2 POSITIVE CANCER WITH TUCATINIB IN COMBINATION WITH TRASTUZUMAB, A TAXANE, AND A VEGFR-2 ANTAGONIST
- [54] PROCEDES DE TRAITEMENT D'UN CANCER HER2 POSITIF AU MOYEN DE TUCATINIB EN ASSOCIATION AVEC DU TRASTUZUMAB, UN TAXANE ET UN ANTAGONISTE DU VEGFR-2
- [72] WALKER, LUKE, US
- [71] SEAGEN INC., US
- [85] 2023-01-10
- [86] 2021-07-28 (PCT/US2021/043395)
- [87] (WO2022/026510)
- [30] US (63/058,146) 2020-07-29

[21] 3,189,334
[13] A1

- [51] Int.Cl. C12Q 1/689 (2018.01) G16B 20/20 (2019.01) G16B 30/00 (2019.01) G16B 30/10 (2019.01)
- [25] EN
- [54] METHODS FOR SCREENING BIOLOGICAL SAMPLES FOR CONTAMINATION
- [54] PROCEDES DE DEPISTAGE DE CONTAMINATION DANS DES ECHANTILLONS BIOLOGIQUES
- [72] KORANI, WALID, US
- [72] DEEB, NADER, US
- [72] MILEHAM, ALAN, US
- [72] COWAN, CHARLES MICHAEL, US
- [71] INGURAN, LLC, US
- [85] 2023-01-10
- [86] 2021-07-23 (PCT/US2021/043027)
- [87] (WO2022/020751)
- [30] US (63/056,287) 2020-07-24

[21] 3,189,338
[13] A1

- [51] Int.Cl. A61K 9/00 (2006.01) A61K 47/00 (2006.01) C07C 229/24 (2006.01) C07C 233/36 (2006.01) C07C 237/06 (2006.01)
- [25] EN
- [54] CATIONIC LIPIDS FOR USE IN LIPID NANOPARTICLES
- [54] LIPIDES CATIONIQUES DESTINES A ETRE UTILISES DANS DES NANOPARTICULES LIPIDIQUES
- [72] GATENYO, JULIA, CA
- [72] DU, XINYAO, CA
- [71] ACUITAS THERAPEUTICS, INC., CA
- [85] 2023-01-10
- [86] 2021-07-16 (PCT/US2021/042007)
- [87] (WO2022/016070)
- [30] US (63/052,815) 2020-07-16
- [30] US (63/188,996) 2021-05-14

[21] 3,189,336
[13] A1

- [51] Int.Cl. A61K 39/12 (2006.01)
- [25] EN
- [54] IMMUNOGENS DERIVED FROM SARS-COV2 SPIKE PROTEIN
- [54] IMMUNOGENES DERIVES DE LA PROTEINE DE SPICULE DU SARS-COV2
- [72] GARCES, FERNANDO, US
- [72] WANG, ZHULUN, US
- [72] RILEY, TIMOTHY, US
- [71] AMGEN INC., US
- [85] 2023-01-10
- [86] 2021-07-22 (PCT/US2021/042836)
- [87] (WO2022/020636)
- [30] US (63/056,396) 2020-07-24

[21] 3,189,341
[13] A1

- [51] Int.Cl. C07C 5/48 (2006.01) C07C 7/148 (2006.01) C07C 11/04 (2006.01)
- [25] EN
- [54] INTEGRATED ETHYLENE PRODUCTION PROCESS
- [54] PROCEDE INTEGRE POUR LA PRODUCTION D'ETHYLENE
- [72] VAN ROSSUM, GUUS, NL
- [72] SCHOONEBEEK, RONALD JAN, NL
- [72] ESPOSITO CASSIBBA, IVANA DANIELA, NL
- [72] BOS, ALOUISIUS NICOLAAS RENEE, NL
- [71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
- [85] 2023-01-11
- [86] 2021-08-03 (PCT/EP2021/071637)
- [87] (WO2022/029108)
- [30] EP (20189089.4) 2020-08-03

Demandes PCT entrant en phase nationale

[21] **3,189,342**

[13] A1

[51] Int.Cl. C10L 1/06 (2006.01)

[25] EN

[54] FUEL COMPOSITION

[54] COMPOSITION DE CARBURANT

[72] STRUNK, JENS, DE

[72] HEMBERGER, YASMIN VERENA, DE

[72] BALTHASAR, FELIX JOHANNES, DE

[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL

[85] 2023-01-11

[86] 2021-07-15 (PCT/EP2021/069802)

[87] (WO2022/017912)

[30] EP (20186637.3) 2020-07-20

[21] **3,189,343**

[13] A1

[51] Int.Cl. H04B 1/7143 (2011.01) H04W 72/04 (2023.01) H04L 27/26 (2006.01)

[25] EN

[54] TERMINAL, BASE STATION, AND COMMUNICATION METHOD

[54] TERMINAL, STATION DE BASE ET PROCEDE DE COMMUNICATION

[72] IWAI, TAKASHI, JP

[72] YAMAMOTO, TETSUYA, JP

[72] HORIUCHI, AYAKO, JP

[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US

[85] 2023-01-10

[86] 2021-06-22 (PCT/JP2021/023665)

[87] (WO2022/014279)

[30] JP (2020-121431) 2020-07-15

[21] **3,189,345**

[13] A1

[51] Int.Cl. A61B 17/12 (2006.01) A61M 60/178 (2021.01) A61M 60/232

(2021.01) A61M 60/422 (2021.01)

A61M 60/82 (2021.01) A61M 60/822

(2021.01) A61M 60/833 (2021.01)

A61M 60/857 (2021.01) A61M 60/861

(2021.01)

[25] FR

[54] UNLOADING BLOOD PUMP SYSTEM AND THE BLOOD PUMP THEREOF

[54] SYSTEME DE POMPE A SANG DE DECHARGEMENT ET SA POMPE A SANG

[72] DANIAL, PICHOY, FR

[71] ASSISTANCE PUBLIQUE HOPITAUX DE PARIS, FR

[85] 2023-01-11

[86] 2021-07-15 (PCT/EP2021/069750)

[87] (WO2022/013349)

[30] FR (FR2007445) 2020-07-16

[21] **3,189,347**

[13] A1

[51] Int.Cl. C08G 63/02 (2006.01) C08J 11/14 (2006.01)

[25] EN

[54] REUSE OF BIOPLASTICS IN POLYMERISATION

[54] REUTILISATION DE BIOPLASTIQUES EN POLYMERISATION

[72] BASTIOLI, CATIA, IT

[72] VALLERO, ROBERTO, IT

[71] NOVAMONT S.P.A., IT

[85] 2023-01-11

[86] 2021-07-14 (PCT/EP2021/069653)

[87] (WO2022/013309)

[30] IT (102020000017218) 2020-07-15

[21] **3,189,348**

[13] A1

[51] Int.Cl. A61K 31/4184 (2006.01) A61K 31/4188 (2006.01) A61K 31/42 (2006.01) A61K 31/4545 (2006.01) A61K 31/4709 (2006.01) A61K 31/506 (2006.01) A61K 31/53 (2006.01) A61K 45/00 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01)

[25] EN

[54] COMBINATION PHARMACEUTICAL OF TEMOZOLOLIMIDE AND MUTANT IDH1 ENZYME INHIBITOR

[54] MEDICAMENT COMBINE DE TEMOZOLOLIMIDE ET D'INHIBITEUR DE L'ENZYME IDH1 MUTEE

[72] SEKI, TAKAHICO, JP

[71] DAIICHI SANKYO COMPANY, LIMITED, JP

[85] 2023-01-10

[86] 2021-07-20 (PCT/JP2021/027070)

[87] (WO2022/019289)

[30] JP (2020-124331) 2020-07-21

PCT Applications Entering the National Phase

[21] 3,189,350
[13] A1

[51] Int.Cl. G06Q 30/06 (2023.01) G06Q 50/04 (2012.01) A61B 5/16 (2006.01)

[25] EN

[54] METHOD AND SYSTEM FOR AN INTERFACE FOR PERSONALIZATION OR RECOMMENDATION OF PRODUCTS

[54] PROCEDE ET SYSTEME D'INTERFACE POUR LA PERSONNALISATION OU LA RECOMMANDATION DE PRODUITS

[72] ALLEN, SIAN VICTORIA, CA

[72] WALLER, THOMAS MCCARTHY, CA

[72] SANDE, PEDER RICHARD DOUGLAS, CA

[72] CASGAR, AMANDA SUSANNE, CA

[72] GATHERCOLE, ROBERT JOHN, CA

[72] MAKOWSKY, JOHN, CA

[72] SANTRY, JOSEPH JOHN, CA

[72] BUCKERIDGE, ERICA MARGARET, CA

[72] GORDON, SIAN ELIZABETH, CA

[72] SMITH, TODD JAMES, CA

[71] LULULEMON ATHLETICA CANADA INC., CA

[85] 2023-01-12

[86] 2021-03-03 (PCT/CA2021/050282)

[87] (WO2022/011448)

[30] US (63/052,836) 2020-07-16

[30] CA (PCT/CA2020/051454) 2020-10-29

[21] 3,189,352
[13] A1

[51] Int.Cl. C08K 3/32 (2006.01) C09K 21/12 (2006.01)

[25] EN

[54] COMPOSITION CONTAINING AMMONIUM POLYPHOSPHATE

[54] COMPOSITION CONTENANT DU POLYPHOSPHATE D'AMMONIUM

[72] MOSCHEL, SEBASTIAN, DE

[72] WISSEMBORSKI, RUDIGER, DE

[72] CAJUS ABELE, BORS, DE

[72] FASSBENDER, BIRGIT, DE

[72] LITTERSCHEID, CHRISTIAN, DE

[72] FEIDNER, SEBASTIAN, DE

[72] GARCIA MARTINEZ, DAVID, ES

[72] ROCHHOLZ, HEIKO, DE

[72] FUTTERER, THOMAS, DE

[72] DIPPEL, CHRISTIAN, DE

[72] MENGE, SIEGFRIED, DE

[72] SCHOLLER, MIKEL, DE

[71] CHEMISCHE FABRIK BUDENHEIM KG, DE

[85] 2023-01-12

[86] 2021-09-16 (PCT/EP2021/075531)

[87] (WO2022/058450)

[30] DE (10 2020 124 334.0) 2020-09-17

[21] 3,189,355
[13] A1

[51] Int.Cl. A23J 3/04 (2006.01) A23J 3/14 (2006.01) A23J 3/22 (2006.01)

[25] EN

[54] METHOD FOR PRODUCING EXTRUDED PUFFED PROTEIN

[54] PROCEDE DE PRODUCTION D'UNE PROTEINE SOUFFLEE EXTRUDEE

[72] STOUT, MARK, US

[72] PETERSEN, BRENT, US

[71] GLANBIA NUTRITIONALS LTD., IE

[85] 2023-01-10

[86] 2021-07-12 (PCT/US2021/041333)

[87] (WO2022/015671)

[30] US (63/050,856) 2020-07-12

[21] 3,189,356
[13] A1

[51] Int.Cl. A61B 6/00 (2006.01) G16H 30/20 (2018.01) G16H 40/40 (2018.01) G16H 40/60 (2018.01)

[25] EN

[54] SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR PROVIDING A GATEWAY TO CONNECT A FLUID DELIVERY SYSTEM AND EXTERNAL SYSTEMS

[54] SYSTEME, PROCEDE ET PRODUIT-PROGRAMME D'ORDINATEUR POUR FOURNIR UNE PASSERELLE DE LIAISON ENTRE UN SYSTEME DE DISTRIBUTION DE FLUIDE ET DES SYSTEMES EXTERNES

[72] O'ROURKE, PATRICK, US

[72] YOO, JAMES HOON, AU

[72] MATON, JOHNATHAN, US

[72] TAHERI, SHAHAB, DE

[72] PARK, SUNG HOI, AU

[72] JAY, MATTHEW, AU

[72] REN, RUOLAN, AU

[72] STANDISH, SHARON, US

[72] RUFFIN, JR., JOHNNIE, US

[72] HUYNH, DARYL, AU

[71] BAYER HEALTHCARE LLC, US

[85] 2023-01-11

[86] 2021-07-08 (PCT/US2021/040800)

[87] (WO2022/015560)

[30] US (63/051,491) 2020-07-14

[30] US (63/145,607) 2021-05-17

Demandes PCT entrant en phase nationale

[21] **3,189,357**
[13] A1

- [51] Int.Cl. E21B 10/26 (2006.01) B21K 5/04 (2006.01) E21B 7/28 (2006.01) E21B 10/28 (2006.01) E21B 10/43 (2006.01) E21B 10/55 (2006.01)
- [25] EN
- [54] WELLBORE REAMING TOOL HAVING FIXED MOUNTED GOUGING CUTTERS
- [54] OUTIL D'ALESAGE DE PUITS DE FORAGE AYANT DES FRAISES DE GOUGEAGE MONTEES A DEMEURE
- [72] HERMAN, JOHN JAMES, CA
- [72] HOFFMANSTER, CARL M., US
- [71] SHEAR BITS, INC., US
- [85] 2023-01-10
- [86] 2021-07-13 (PCT/US2021/041432)
- [87] (WO2022/015733)
- [30] US (63/051,914) 2020-07-15

[21] **3,189,358**
[13] A1

- [51] Int.Cl. A61K 39/215 (2006.01) C12N 15/62 (2006.01)
- [25] EN
- [54] NUCLEIC ACIDS ENCODING A POLYPEPTIDE COMPRISING A MODIFIED FC REGION OF A HUMAN IGG1 AND AT LEAST ONE HETEROLOGOUS ANTIGEN
- [54] ACIDES NUCLEIQUES CODANT POUR UN POLYPEPTIDE COMPRENANT UNE REGION FC MODIFIEE D'UNE IGG1 HUMAINE ET AU MOINS UN ANTIGENE HETEROLOGUE
- [72] DURRANT, LINDA GILLIAN, GB
- [72] VANKEMMELBEKE, MIREILLE, GB
- [72] BRENTVILLE, VICTORIA, GB
- [72] METHERINGHAM, RACHAEL, GB
- [71] SCANCELL LIMITED, GB
- [85] 2023-01-12
- [86] 2021-08-25 (PCT/EP2021/073542)
- [87] (WO2022/043400)
- [30] GB (2013385.6) 2020-08-26
- [30] GB (2101435.2) 2021-02-02

[21] **3,189,360**
[13] A1

- [51] Int.Cl. E04B 1/68 (2006.01) E04B 2/74 (2006.01) E04B 1/94 (2006.01)
- [25] EN
- [54] SEALING DEVICE FOR AN EDGE JOINT AND DRYWALL
- [54] DISPOSITIF D'ETANCHEITE POUR JOINT DE BORDURE ET CLOISON SECHE
- [72] FORG, CHRISTIAN, DE
- [72] KLEIN, MANFRED, DE
- [71] HILTI AKTIENGESELLSCHAFT, LI
- [85] 2023-01-12
- [86] 2021-08-20 (PCT/EP2021/073169)
- [87] (WO2022/043222)
- [30] EP (20192382.8) 2020-08-24
- [30] EP (21162522.3) 2021-03-15
- [30] EP (21162520.7) 2021-03-15

[21] **3,189,361**
[13] A1

- [51] Int.Cl. A61N 1/32 (2006.01) H01R 24/58 (2011.01) A61N 1/05 (2006.01) A61N 1/36 (2006.01) A61N 1/37 (2006.01) H01R 13/52 (2006.01)
- [25] EN
- [54] IMPLANTABLE IN-LINE HIGH DENSITY CONNECTOR
- [54] CONNECTEUR A HAUTE DENSITE IMPLANTABLE EN LIGNE
- [72] SHIRE, DOUGLAS BOURNE, US
- [72] TYLER, DUSTIN J., US
- [72] GBUR, JANET L., US
- [71] CASE WESTERN RESERVE UNIVERSITY, US
- [71] THE UNITED STATES AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, US
- [85] 2023-01-10
- [86] 2021-07-15 (PCT/US2021/041839)
- [87] (WO2022/015990)
- [30] US (63/051,920) 2020-07-15

[21] **3,189,362**
[13] A1

- [25] EN
- [54] COMPUTER IMPLEMENTED METHOD FOR ASSESSING THE GROWTH OF GERMINATIVE GROWTHS FROM GERMINATIVE UNITS
- [54] PROCEDE MIS EN OUVRE PAR ORDINATEUR POUR EVALUER LA CROISSANCE DE POUSSES GERMINATIVES ISSUES D'UNITES GERMINATIVES
- [72] MAGNABOSCO, FRANCESCA, GB
- [72] SEMENOV, ALEXANDER, VYACHESLAVOVICH, GB
- [72] DA SILVA, CARLOS EDUARDO OLIVEIRA, BR
- [71] CRODA INTERNATIONAL PLC, GB
- [85] 2023-01-11
- [86] 2021-06-17 (PCT/EP2021/066495)
- [87] (WO2022/012854)
- [30] GB (2010984.9) 2020-07-16

[21] **3,189,363**
[13] A1

- [51] Int.Cl. E04B 1/68 (2006.01) E04B 2/74 (2006.01)
- [25] EN
- [54] SEALING PROFILE AND DRYWALL
- [54] PROFIL D'ETANCHEITE ET CLOISON SECHE
- [72] FORG, CHRISTIAN, DE
- [72] KLEIN, MANFRED, DE
- [71] HILTI AKTIENGESELLSCHAFT, LI
- [85] 2023-01-12
- [86] 2021-08-20 (PCT/EP2021/073157)
- [87] (WO2022/043217)
- [30] EP (20192382.8) 2020-08-24
- [30] EP (21162522.3) 2021-03-15
- [30] EP (21162520.7) 2021-03-15

PCT Applications Entering the National Phase

[21] 3,189,365
[13] A1

[51] Int.Cl. C22B 1/00 (2006.01) C22B 7/00 (2006.01) C22B 7/04 (2006.01) C22B 15/00 (2006.01)
 [25] EN
 [54] METHOD FOR RECOVERY OF METALS FROM ELECTRONIC WASTE
 [54] PROCEDE DE RECUPERATION DE METAUX A PARTIR DE DECHETS ELECTRONIQUES
 [72] KAUSSEN, FRANK MARLIN, DE
 [72] DEGEL, ROLF, DE
 [72] LUX, TIMM, DE
 [71] SMS GROUP GMBH, DE
 [85] 2023-01-11
 [86] 2021-07-02 (PCT/EP2021/068313)
 [87] (WO2022/012968)
 [30] DE (10 2020 208 739.3) 2020-07-13

[21] 3,189,366
[13] A1

[51] Int.Cl. A23L 27/00 (2016.01) A23L 27/30 (2016.01) A23L 29/30 (2016.01) A23L 33/185 (2016.01) C07K 14/43 (2006.01)
 [25] EN
 [54] PRODUCTS FOR ORAL CONSUMPTION WITH REDUCED SUGAR CONTENT
 [54] PRODUITS POUR CONSOMMATION ORALE A TENEUR REDUITE EN SUCRE
 [72] STEPHAN, ANETT, DE
 [72] HAHN-LOBMANN, SIMONE, DE
 [72] PROCHASKA, HEIKE, DE
 [72] GIRITCH, ANATOLI, DE
 [72] GLEBA, YURI, DE
 [71] NOMAD BIOSCIENCE GMBH, DE
 [85] 2023-01-11
 [86] 2021-06-29 (PCT/EP2021/067900)
 [87] (WO2022/012926)
 [30] EP (20186323.0) 2020-07-16

[21] 3,189,369
[13] A1

[51] Int.Cl. B01J 8/02 (2006.01) B01J 8/06 (2006.01) B01J 19/24 (2006.01)
 [25] EN
 [54] REACTOR AND METHOD FOR CARRYING OUT A CHEMICAL REACTION
 [54] REACTEUR ET PROCEDE POUR EFFECTUER UNE REACTION CHIMIQUE
 [72] POSSELT, HEINZ, DE
 [72] HOFSTATTER, MARTIN, DE
 [72] ZELLHUBER, MATHIEU, DE
 [72] DELHOMME-NEUDECKER, CLARA, DE
 [72] JENNE, ERIC, DE
 [72] KOCHENDORFER, KIARA AENNE, DE
 [72] SHUSTOV, ANDREY, DE
 [72] LAIB, HEINRICH, DE
 [72] KUHN, HEINZ-JURGEN, DE
 [72] JACOB, REINER, DE
 [71] LINDE GMBH, DE
 [71] BASF SE, DE
 [85] 2023-01-12
 [86] 2021-08-05 (PCT/EP2021/071951)
 [87] (WO2022/029270)
 [30] EP (20190052.9) 2020-08-07

[21] 3,189,370
[13] A1

[51] Int.Cl. H01F 27/32 (2006.01) H02J 50/12 (2016.01) H01F 5/00 (2006.01) H01F 27/28 (2006.01) H01F 27/40 (2006.01) H01F 38/14 (2006.01)
 [25] EN
 [54] RESONANT LC STRUCTURES
 [54] STRUCTURES LC RESONANTES
 [72] KYAW, PHYO AUNG, US
 [72] STEIN, AARON, US
 [71] RESONANT LINK, INC., US
 [85] 2023-01-11
 [86] 2021-07-13 (PCT/US2021/041387)
 [87] (WO2022/015703)
 [30] US (63/052,265) 2020-07-15

[21] 3,189,372
[13] A1

[51] Int.Cl. C07C 41/42 (2006.01) C07C 41/56 (2006.01) C07C 43/30 (2006.01) C07C 45/42 (2006.01)
 [25] EN
 [54] METHOD FOR PRODUCING POLYOXYMETHYLENE DIMETHYL ETHERS
 [54] PROCEDE DE PRODUCTION D'ETHERS DIMETHYLIQUES DE POLYOXYMETHYLENE
 [72] MANTEI, FRANZ, DE
 [72] OUDA, MOHAMED, DE
 [72] SCHAADT, ACHIM, DE
 [71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
 [85] 2023-01-11
 [86] 2021-07-12 (PCT/EP2021/069282)
 [87] (WO2022/013132)
 [30] DE (10 2020 118 386.0) 2020-07-13

[21] 3,189,373
[13] A1

[51] Int.Cl. A61K 9/127 (2006.01) A61K 9/51 (2006.01) A61P 43/00 (2006.01) C07C 229/12 (2006.01)
 [25] EN
 [54] CLEAVABLE LIPIDIC COMPOUNDS, COMPOSITIONS CONTAINING THEREOF, AND USES THEREOF
 [54] COMPOSES LIPIDIQUES CLIVABLES, COMPOSITIONS LES CONTENANT ET UTILISATIONS ASSOCIEES
 [72] HAENSLER, JEAN, FR
 [72] EVEN, LUC, FR
 [72] RIPOLL, MANON, FR
 [71] SANOFI PASTEUR, FR
 [85] 2023-01-12
 [86] 2021-07-16 (PCT/EP2021/070020)
 [87] (WO2022/013439)
 [30] EP (20305824.3) 2020-07-17

Demandes PCT entrant en phase nationale

<p>[21] 3,189,374 [13] A1</p> <p>[51] Int.Cl. A61K 35/17 (2015.01) C12N 5/0783 (2010.01) A61K 39/00 (2006.01)</p> <p>[25] EN</p> <p>[54] SUPPRESSION OF CYTOKINE RELEASE AND CYTOKINE STORM</p> <p>[54] SUPPRESSION DE LIBERATION DE CYTOKINE ET DE CHOC CYTOKINIQUE</p> <p>[72] SORDILLO, PETER P., US</p> <p>[72] HELSON, LAWRENCE, US</p> <p>[71] SIGNPATH PHARMA, INC., US</p> <p>[85] 2023-01-11</p> <p>[86] 2021-07-13 (PCT/US2021/041403)</p> <p>[87] (WO2022/026170)</p> <p>[30] US (16/945,195) 2020-07-31</p>
--

<p>[21] 3,189,377 [13] A1</p> <p>[51] Int.Cl. A23J 1/14 (2006.01) A23L 11/00 (2021.01) A23L 19/00 (2016.01) A23L 25/00 (2016.01) A23L 31/00 (2016.01) A23L 33/185 (2016.01) A23L 11/40 (2021.01) A23J 3/22 (2006.01)</p> <p>[25] EN</p> <p>[54] EXQUISITE VEGAN CONVENIENCE FOODS AND PRODUCTION THEREOF</p> <p>[54] PLATS CUISINES VEGETALIENS EXQUIS ET LEUR PRODUCTION</p> <p>[72] KAEPPPELLI, OTHMAR, CH</p> <p>[71] KAEPPPELLI, OTHMAR, CH</p> <p>[85] 2023-01-11</p> <p>[86] 2021-07-14 (PCT/EP2021/069651)</p> <p>[87] (WO2022/013308)</p> <p>[30] EP (20185953.5) 2020-07-15</p>

<p>[21] 3,189,378 [13] A1</p> <p>[51] Int.Cl. A61B 90/98 (2016.01) A61M 5/145 (2006.01) A61M 5/20 (2006.01) A61M 5/24 (2006.01) A61M 5/315 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR INFORMATION MANAGEMENT IN COMPUTERIZED INJECTORS</p> <p>[54] SYSTEME ET PROCEDE DE GESTION D'INFORMATIONS DANS DES INJECTEURS INFORMATIQUES</p> <p>[72] BEN-ARI, OZI, IL</p> <p>[71] PFIZER INC., US</p> <p>[85] 2023-01-11</p> <p>[86] 2021-07-12 (PCT/IB2021/056230)</p> <p>[87] (WO2022/013707)</p> <p>[30] US (63/052,562) 2020-07-16</p>
--

<p>[21] 3,189,383 [13] A1</p> <p>[51] Int.Cl. A61K 31/4166 (2006.01) A61K 31/4184 (2006.01) A61K 31/4355 (2006.01)</p> <p>[25] EN</p> <p>[54] COMBINATION THERAPY FOR TREATING ABNORMAL CELL GROWTH</p> <p>[54] POLYTERAPIE POUR LE TRAITEMENT D'UNE CROISSANCE CELLULAIRE ANORMALE</p> <p>[72] COMA, SILVIA, US</p> <p>[72] PACTER, JONATHAN A., US</p> <p>[71] VERASTEM, INC., US</p> <p>[85] 2023-01-11</p> <p>[86] 2021-07-13 (PCT/US2021/041439)</p> <p>[87] (WO2022/015736)</p> <p>[30] US (63/051,320) 2020-07-13</p>

<p>[21] 3,189,381 [13] A1</p> <p>[51] Int.Cl. A61K 8/02 (2006.01) A61K 8/34 (2006.01) A61K 8/49 (2006.01) A61K 8/60 (2006.01) A61K 8/67 (2006.01) A61K 8/73 (2006.01) A61K 8/97 (2017.01) A61Q 1/14 (2006.01)</p> <p>[25] EN</p> <p>[54] MAKE-UP REMOVER WIPE FORMULATIONS</p> <p>[54] FORMULATIONS POUR LINGETTE DEMAQUILLANTE</p> <p>[72] COFFEY, MARTIN, US</p> <p>[71] BAUSCH + LOMB IRELAND LIMITED, IE</p> <p>[85] 2023-01-11</p> <p>[86] 2021-07-30 (PCT/IB2021/057006)</p> <p>[87] (WO2022/024087)</p> <p>[30] US (63/059,395) 2020-07-31</p>
--

<p>[21] 3,189,384 [13] A1</p> <p>[51] Int.Cl. A61K 51/00 (2006.01) B01J 20/22 (2006.01) B01J 20/34 (2006.01) C22B 3/24 (2006.01) C22B 60/02 (2006.01) G21G 4/08 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR PRODUCING 225AC SOLUTION</p> <p>[54] PROCEDE DE PRODUCTION DE SOLUTION 225AC</p> <p>[72] HONDA, YOSHIO, JP</p> <p>[72] NATSUSAKO, MASASHI, JP</p> <p>[72] ASO, SHUNICHI, JP</p> <p>[71] NIHON MEDI-PHYSICS CO., LTD., JP</p> <p>[85] 2023-01-11</p> <p>[86] 2021-07-13 (PCT/JP2021/026222)</p> <p>[87] (WO2022/014555)</p> <p>[30] JP (2020-123131) 2020-07-17</p>

PCT Applications Entering the National Phase

[21] 3,189,385

[13] A1

[51] Int.Cl. A61K 9/127 (2006.01) A61K 47/24 (2006.01) A61K 47/28 (2006.01) C07D 213/40 (2006.01) C07D 233/66 (2006.01) C12N 15/88 (2006.01)

[25] EN

[54] LIPIDIC COMPOUNDS COMPRISING AT LEAST ONE TERMINAL RADICAL OF FORMULA -NH-CX-A OR -NH-CX-NH-A, COMPOSITIONS CONTAINING THEM AND USES THEREOF
[54] COMPOSES LIPIDIQUES COMPRENANT AU MOINS UN RADICAL TERMINAL DE FORMULE -NH-CX-A OU -NH-CX-NH-A, COMPOSITIONS LES CONTENANT ET LEURS UTILISATIONS

[72] HAENSLER, JEAN, FR

[72] EVEN, LUC, FR

[72] FRISCH, BENOIT, FR

[72] RIPOLL, MANON, FR

[71] SANOFI PASTEUR, FR

[85] 2023-01-12

[86] 2021-07-16 (PCT/EP2021/070026)

[87] (WO2022/013443)

[30] EP (20305825.0) 2020-07-17

[21] 3,189,389

[13] A1

[51] Int.Cl. G01N 29/024 (2006.01) G01N 29/32 (2006.01)

[25] EN

[54] FLOW REGULATING STRUCTURE FOR GAS SENSOR
[54] STRUCTURE DE REGULATION DE DEBIT POUR CAPTEUR DE GAZ

[72] SEO, DAISUKE, JP

[72] TAKIZAWA, HIROYUKI, JP

[72] TAKAHASHI, HIRONOBU, JP

[72] NIHEI, AYUMI, JP

[72] KONDA, TAKASHI, JP

[71] NISSHINBO HOLDINGS INC., JP

[71] UEDA JAPAN RADIO CO., LTD., JP

[71] JAPAN RADIO CO., LTD., JP

[85] 2023-01-11

[86] 2021-07-19 (PCT/JP2021/027002)

[87] (WO2022/019276)

[30] JP (2020-124942) 2020-07-22

[21] 3,189,391

[13] A1

[51] Int.Cl. B01D 45/12 (2006.01) G01N 29/32 (2006.01)

[25] EN

[54] GAS-LIQUID SEPARATOR FOR GAS SENSOR

[54] SEPARATEUR GAZ-LIQUIDE POUR CAPTEUR DE GAZ

[72] SEO, DAISUKE, JP

[72] NAKAMURA, TERUO, JP

[72] TAKIZAWA, HIROYUKI, JP

[72] NIHEI, AYUMI, JP

[72] KONDA, TAKASHI, JP

[71] NISSHINBO HOLDINGS INC., JP

[71] UEDA JAPAN RADIO CO., LTD., JP

[71] JAPAN RADIO CO., LTD., JP

[85] 2023-01-11

[86] 2021-07-19 (PCT/JP2021/027004)

[87] (WO2022/019277)

[30] JP (2020-124950) 2020-07-22

[21] 3,189,393

[13] A1

[51] Int.Cl. H04W 4/06 (2009.01)

[25] EN

[54] TRANSMISSION METHOD AND DEVICE, AND STORAGE MEDIUM

[54] PROCEDE ET DISPOSITIF DE TRANSMISSION ET SUPPORT DE STOCKAGE

[72] WANG, LIPING, CN

[72] CHEN, LIN, CN

[72] QI, TAO, CN

[72] ZHU, HAO, CN

[72] CAO, KUN, CN

[71] ZTE CORPORATION, CN

[85] 2023-02-07

[86] 2021-03-05 (PCT/CN2021/079212)

[87] (WO2021/213018)

[30] CN (202010333915.X) 2020-04-24

[21] 3,189,397

[13] A1

[51] Int.Cl. B65G 1/137 (2006.01) B65G 1/04 (2006.01) B65G 1/06 (2006.01)

[25] EN

[54] SYSTEM FOR ORDER FULFILMENT

[54] SYSTEME D'EXECUTION DE COMMANDES

[72] MEURER, HANS CHRISTOPH, DE

[71] DEMATIC GMBH, DE

[85] 2023-01-12

[86] 2020-08-24 (PCT/EP2020/073648)

[87] (WO2022/042821)

[21] 3,189,398

[13] A1

[51] Int.Cl. B65D 1/34 (2006.01) B65G 1/02 (2006.01) B65G 1/04 (2006.01) B65G 1/06 (2006.01)

[25] EN

[54] SYSTEM FOR STORAGE OF GOODS CARRIERS

[54] SYSTEME DE STOCKAGE DE SUPPORTS DE MARCHANDISES

[72] RECKEMEIER, HARTWIG, DE

[72] MICHELS, NICOLAS, DE

[72] MULLER, SEBASTIAN, DE

[72] HOFMANN-MASSBERG, SVEN, DE

[72] GLIGOR, TRAIAN, DE

[71] DEMATIC GMBH, DE

[85] 2023-01-12

[86] 2021-08-16 (PCT/EP2021/072752)

[87] (WO2022/043117)

[30] EP (20192437.0) 2020-08-24

Demandes PCT entrant en phase nationale

[21] **3,189,399**
[13] A1

[51] Int.Cl. B65B 61/02 (2006.01) B26D 1/26 (2006.01) B26F 1/18 (2006.01) B65D 75/36 (2006.01)
[25] EN
[54] METHODS AND MACHINERY FOR MANUFACTURING PACKAGING
[54] PROCEDES ET MACHINE DE FABRICATION D'EMBALLAGE
[72] DAVIES, RICHARD HARRY, NZ
[72] DAVIES, GUY BENJAMIN RICHARD, NZ
[71] CONVEYOR LIMITED, NZ
[85] 2023-01-12
[86] 2021-07-13 (PCT/IB2021/056268)
[87] (WO2022/013721)
[30] NZ (766197) 2020-07-13

[21] **3,189,400**
[13] A1

[51] Int.Cl. B65B 17/02 (2006.01) B65D 71/50 (2006.01)
[25] EN
[54] CONTAINER CARRIER
[54] PORTE-RECIPIENTS
[72] SLOVIK, RACHELL L., US
[72] VAN THOLEN, PATRICK R., US
[72] OLSEN, ROBERT C., US
[72] SAMARAS, CHRISTOPHER J., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2023-01-11
[86] 2021-07-15 (PCT/US2021/041747)
[87] (WO2022/015928)
[30] US (63/052,064) 2020-07-15
[30] US (17/375,844) 2021-07-14

[21] **3,189,401**
[13] A1

[51] Int.Cl. B29C 35/02 (2006.01) B29C 43/14 (2006.01) B29C 43/34 (2006.01) B29C 31/00 (2006.01) B29C 43/52 (2006.01)
[25] EN
[54] MULTISTAGE PRESSING PROCESS FOR PRODUCING A MOULDED PART SUCH AS A BIPOLE PLATE FROM A HIGHLY FILLED THERMOSETTING MATERIAL
[54] PROCEDE DE MOULAGE A PLUSIEURS ETAPES POUR PRODUIRE UNE PIECE MOULEE ET UNE PLAQUE BIPOLAIRE A PARTIR D'UN MATERIAU THERMODURCISSEABLE A TAUX DE CHARGE ELEVE
[72] RINN, GUNTER, DE
[72] VOORMANN, HAUKE, DE
[72] BAUMANN, SOREN, DE
[72] ALTUNTAS, MESUT, DE
[71] SCHUNK KOHLENSTOFFTECHNIK GMBH, DE
[85] 2023-01-12
[86] 2020-10-09 (PCT/EP2020/078489)
[87] (WO2022/037799)
[30] DE (10 2020 121 997.0) 2020-08-21

[21] **3,189,402**
[13] A1

[51] Int.Cl. A61K 39/395 (2006.01) A61P 17/06 (2006.01) A61P 19/02 (2006.01) C07K 16/24 (2006.01)
[25] EN
[54] SAFE AND EFFECTIVE METHOD OF TREATING PSORIATIC ARTHRITIS WITH ANTI-IL23 SPECIFIC ANTIBODY
[54] METHODE SURE ET EFFICACE DE TRAITEMENT DE L'ARTHRITE PSORIASIQUE AU MOYEN D'UN ANTICORPS SPECIFIQUE ANTI-IL23
[72] KOLLMEIER, ALEXA, US
[72] HSIA, ELIZABETH, US
[72] XU, XIE, US
[72] ZHOU, BEI, US
[71] JANSSEN BIOTECH, INC., US
[85] 2023-01-12
[86] 2021-07-13 (PCT/IB2021/056302)
[87] (WO2022/013745)
[30] US (63/051,341) 2020-07-13

[21] **3,189,404**
[13] A1

[51] Int.Cl. A61K 9/00 (2006.01) A61K 9/19 (2006.01) A61K 9/20 (2006.01) A61K 9/50 (2006.01) A61K 31/00 (2006.01)
[25] EN
[54] PHARMACEUTICAL COMPOSITIONS COMPRISING COATED API
[54] COMPOSITIONS PHARMACEUTIQUES COMPRENANT UN API ENROBE
[72] MC LAUGHLIN, ROSALEEN, GB
[72] HOWES, SIMON ANDREW MARTYN, GB
[72] WHEADON, CRAIG, GB
[72] WHITEHOUSE, JONATHON, GB
[72] PARKER, ADAM, GB
[72] HUTCHINSON, MICHAEL JOHN, GB
[71] CATALENT U.K. SWINDON ZYDIS LIMITED, GB
[85] 2023-01-12
[86] 2021-07-30 (PCT/IB2021/056976)
[87] (WO2022/024066)
[30] US (63/059,684) 2020-07-31

[21] **3,189,409**
[13] A1

[51] Int.Cl. B67D 1/12 (2006.01)
[25] EN
[54] CONTACTLESS AUTOFILL DISPENSING
[54] DISTRIBUTION A REMPLISSAGE AUTOMATIQUE SANS CONTACT
[72] KHAN, KAZIM A., US
[72] CHUNG, TERRY TAE-IL, US
[71] PEPSICO, INC., US
[85] 2023-01-12
[86] 2021-06-15 (PCT/US2021/037480)
[87] (WO2022/015451)
[30] US (16/931,245) 2020-07-16

PCT Applications Entering the National Phase

[21] 3,189,410
[13] A1

- [51] Int.Cl. A61K 31/18 (2006.01) A61K 31/4196 (2006.01) A61K 31/423 (2006.01) A61K 31/506 (2006.01) A61K 31/519 (2006.01) A61K 31/565 (2006.01) A61K 31/7064 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)
- [25] EN
- [54] KAT6 INHIBITOR METHODS AND COMBINATIONS FOR CANCER TREATMENT
- [54] METHODES ET COMBINAISONS D'INHIBITEURS DE KAT6 POUR LE TRAITEMENT DU CANCER
- [72] STUPPLE, PAUL ANTHONY, AU
- [72] MAZUREK, ANTHONY, US
- [72] ARNDT, KIM TIMOTHY, US
- [72] CHEN, LEI, US
- [72] FOLLETTIE, MAXIMILLIAN TODD, US
- [72] FRUHLING, DAVID SCOTT, US
- [72] KUNG, PEI-PEI, US
- [72] ZHONG, WENYAN, US
- [72] TEDESCHI, PHILIP MICHAEL, US
- [71] PFIZER INC., US
- [71] CTXT PTY LTD, AU
- [85] 2023-01-12
- [86] 2021-07-15 (PCT/EP2021/069787)
- [87] (WO2022/013369)
- [30] US (63/052,215) 2020-07-15
- [30] US (63/211,044) 2021-06-16

[21] 3,189,411
[13] A1

- [51] Int.Cl. C11D 17/06 (2006.01)
- [25] EN
- [54] COMPOSTABLE NONWOVEN WITH LOW EXTENSIBILITY
- [54] NON-TISSE COMPOSTABLE A FAIBLE EXTENSIBILITE
- [72] WHITE, JASON, US
- [72] COLE, MARCUS D., US
- [71] THE CLOROX COMPANY, US
- [85] 2023-01-12
- [86] 2021-07-09 (PCT/US2021/041142)
- [87] (WO2022/020115)
- [30] US (63/056,215) 2020-07-24

[21] 3,189,412
[13] A1

- [51] Int.Cl. F02D 25/00 (2006.01)
- [25] EN
- [54] UNINTERRUPTIBLE POWER SUPPLY SYSTEM WITH ENGINE START-UP
- [54] SYSTEME D'ALIMENTATION ELECTRIQUE SANS COUPURE AVEC DEMARRAGE DE MOTEUR
- [72] GOTTFRIED, TOMAS, US
- [71] POTENCIA INDUSTRIAL, LLC, US
- [85] 2023-01-12
- [86] 2021-07-12 (PCT/US2021/041213)
- [87] (WO2022/015617)
- [30] US (16/926,912) 2020-07-13

[21] 3,189,413
[13] A1

- [51] Int.Cl. C09D 163/00 (2006.01)
- [25] EN
- [54] AMBIENT TEMPERATURE CURABLE COATING AND USES THEREIN
- [54] REVETEMENT DURCISSABLE A TEMPERATURE AMBIANTE ET UTILISATIONS ASSOCIEES
- [72] ZHANG, JINWEN, US
- [72] LIU, TUAN, US
- [71] WASHINGTON STATE UNIVERSITY, US
- [85] 2023-01-12
- [86] 2021-07-13 (PCT/US2021/041383)
- [87] (WO2022/015701)
- [30] US (63/052,081) 2020-07-15

[21] 3,189,415
[13] A1

- [51] Int.Cl. E06B 9/13 (2006.01) E06B 9/40 (2006.01) E06B 9/58 (2006.01)
- [25] EN
- [54] DOOR ASSEMBLY SIDE COLUMN CONFIGURATION
- [54] CONFIGURATION DE MONTANTS LATERAUX D'UN ENSEMBLE FORMANT PORTE
- [72] GREGORIOU, DANIEL J., US
- [72] DRIFKA, BRIAN NORBERT, US
- [72] BIETZER, GABRIEL JOHN, US
- [71] RYTEC CORPORATION, US
- [85] 2023-01-12
- [86] 2021-07-14 (PCT/US2021/041608)
- [87] (WO2022/015839)
- [30] US (63/051,655) 2020-07-14

[21] 3,189,416
[13] A1

- [51] Int.Cl. A61N 5/06 (2006.01) A61F 9/007 (2006.01) A61L 2/00 (2006.01) A61N 5/04 (2006.01) A61N 5/067 (2006.01) A61N 7/00 (2006.01)
- [25] EN
- [54] UV RADIATION DEVICES AND METHODS OF USE THEREOF
- [54] DISPOSITIFS DE RAYONNEMENT D'UV ET LEURS PROCEDES D'UTILISATION
- [72] SHAH, SUNIL, GB
- [72] DEAN, SIMON, NZ
- [71] PHOTON THERAPEUTICS LTD., GB
- [85] 2023-01-12
- [86] 2021-07-16 (PCT/EP2021/070000)
- [87] (WO2022/013435)
- [30] US (63/052,625) 2020-07-16
- [30] US (63/176,722) 2021-04-19

[21] 3,189,417
[13] A1

- [51] Int.Cl. B26B 25/00 (2006.01) B23D 19/04 (2006.01)
- [25] EN
- [54] THROATLESS POWER ROTARY SHEARS
- [54] CISAILLES ROTATIVES SANS GORGE ENTRAINEES PAR MOTEUR
- [72] WACHTEL, ANTHONY, US
- [71] TONYAZZOPARDI HOLDINGS, LLC, US
- [85] 2023-01-11
- [86] 2021-07-15 (PCT/US2021/041878)
- [87] (WO2022/016008)
- [30] US (63/052,241) 2020-07-15

[21] 3,189,418
[13] A1

- [51] Int.Cl. G08B 3/10 (2006.01)
- [25] EN
- [54] SMART ELECTRONIC CHIME AND MECHANICAL CHIME DEHUM BOARD
- [54] CARILLON ELECTRONIQUE INTELLIGENT ET CARTE DE SUPPRESSION DE RONFLEMENT DE CARILLON MECANIQUE
- [72] KASMIR, SETON PAUL, US
- [71] ALARM.COM INCORPORATED, US
- [85] 2023-01-12
- [86] 2021-07-16 (PCT/US2021/041997)
- [87] (WO2022/016063)
- [30] US (63/053,261) 2020-07-17
- [30] US (17/209,112) 2021-03-22

Demandes PCT entrant en phase nationale

[21] 3,189,420 [13] A1
[51] Int.Cl. H02K 3/28 (2006.01) H02K 16/04 (2006.01) H02K 21/16 (2006.01)
[25] EN
[54] FAULT TOLERANT REDUNDANT ELECTRIC MOTOR
[54] MOTEUR ELECTRIQUE REDONDANT TOLERANT AUX DEFAILLANCES
[72] GEREBETZ, ROBERT P., US
[72] FOSDICK, RICHARD, US
[71] MOOG INC., US
[85] 2023-01-12
[86] 2021-07-19 (PCT/US2021/042187)
[87] (WO2022/020240)
[30] US (63/053,790) 2020-07-20

[21] 3,189,421 [13] A1
[51] Int.Cl. B65G 1/04 (2006.01) B65G 1/06 (2006.01)
[25] EN
[54] SYSTEM FOR STORAGE OF GOODS CARRIERS
[54] SYSTEME DE STOCKAGE DE SUPPORTS DE MARCHANDISES
[72] RECKEMEIER, HARTWIG, DE
[72] MICHELS, NICOLAS, DE
[72] MULLER, SEBASTIAN, DE
[72] JOSEPH, EDWIN PRINCE, DE
[72] GLIGOR, TRAIAN, DE
[72] WEHNER, MATTHIAS, DE
[71] DEMATIC GMBH, DE
[85] 2023-01-12
[86] 2021-08-16 (PCT/EP2021/072751)
[87] (WO2022/043116)
[30] EP (20192434.7) 2020-08-24

[21] 3,189,422 [13] A1
[51] Int.Cl. G01V 1/38 (2006.01)
[25] EN
[54] LONG-OFFSET ACQUISITION WITH TOWED STREAMER SPREADS
[54] ACQUISITION A DEPORT LONG A L'AIDE DE SPECTRES DE FLUTES REMORQUES
[72] CRAMER, JOHN, US
[72] PADDY, NEIL, US
[72] BEITZ, MANUEL, NO
[71] PGS GEOPHYSICAL AS, NO
[85] 2023-01-11
[86] 2021-07-16 (PCT/US2021/041957)
[87] (WO2022/016049)
[30] US (63/052,765) 2020-07-16

[21] 3,189,423 [13] A1
[51] Int.Cl. A45D 8/00 (2006.01)
[25] EN
[54] HAIR ACCESSORY FOR MAINTAINING PREVIOUSLY STYLED HAIR
[54] ACCESSOIRE POUR CHEVEUX POUR MAINTENIR DES CHEVEUX PREALABLEMENT COIFFES
[72] RUBIN, RACHAEL, US
[71] SLEEPY TIE, INC., US
[85] 2023-01-12
[86] 2021-07-20 (PCT/US2021/042282)
[87] (WO2022/020290)
[30] US (16/935,070) 2020-07-21

[21] 3,189,428 [13] A1
[51] Int.Cl. H04B 7/204 (2006.01) H04W 84/06 (2009.01)
[25] EN
[54] SINGLE FREQUENCY NETWORK (SFN) FOR BROADCAST/MULTICAST APPLICATION ON A SPOTBEAM SATELLITE
[54] RESEAU MONOFREQUENCE (SFN) D'APPLICATION DE DIFFUSION/MULTIDIFFUSION SUR UN SATELLITE A FAISCEAU PONCTUEL
[72] DUTTA, SANTANU, US
[72] ZHENG, DUNMIN, US
[71] ATC TECHNOLOGIES, LLC, US
[85] 2023-01-12
[86] 2021-07-28 (PCT/US2021/043414)
[87] (WO2022/026525)
[30] US (63/057,617) 2020-07-28

[21] 3,189,430 [13] A1
[51] Int.Cl. A61K 38/17 (2006.01) C12Q 1/6886 (2018.01) A61P 35/04 (2006.01) G01N 33/50 (2006.01) G01N 33/68 (2006.01)
[25] EN
[54] METHOD FOR SCREENING COLORECTAL CANCER METASTASIS INHIBITOR
[54] PROCEDE DE CRIBLAGE D'INHIBITEUR DE METASTASE DU CANCER COLORECTAL
[72] LEE, SU JAE, KR
[72] LIM, EUN JI, KR
[71] FNCT BIOTECH, INC., KR
[85] 2023-01-11
[86] 2021-07-20 (PCT/KR2021/009367)
[87] (WO2022/019626)
[30] KR (10-2020-0089603) 2020-07-20
[30] KR (10-2021-0095111) 2021-07-20

PCT Applications Entering the National Phase

[21] 3,189,432

[13] A1

- [51] Int.Cl. A61K 38/07 (2006.01) A61K 38/08 (2019.01) A61K 38/10 (2006.01) C07K 5/10 (2006.01) C07K 7/04 (2006.01) C07K 7/06 (2006.01)
 - [25] EN
 - [54] CONJUGATED HEPCIDIN MIMETICS
 - [54] MIMETIQUES D'HEPCIDINE CONJUGUES
 - [72] BOURNE, GREGORY THOMAS, AU
 - [72] BHANDARI, ASHOK, US
 - [72] ZHANG, JIE, US
 - [72] FREDERICK, BRIAN TROY, US
 - [72] SMYTHE, MARK LESLIE, AU
 - [71] PROTAGONIST THERAPEUTICS, INC., US
 - [85] 2023-01-12
 - [86] 2021-07-28 (PCT/US2021/043579)
 - [87] (WO2022/026629)
 - [30] US (63/057,574) 2020-07-28
 - [30] US (63/057,577) 2020-07-28
 - [30] US (63/057,582) 2020-07-28
 - [30] US (63/057,583) 2020-07-28
 - [30] US (63/169,515) 2021-04-01
 - [30] US (63/169,527) 2021-04-01
 - [30] US (63/169,533) 2021-04-01
-

[21] 3,189,438

[13] A1

- [51] Int.Cl. A61K 8/37 (2006.01) A61K 8/22 (2006.01) A61K 8/23 (2006.01) A61Q 5/06 (2006.01) A61Q 5/08 (2006.01)
- [25] EN
- [54] DIESTER COSMETIC FORMULATIONS AND USES THEREOF
- [54] FORMULATIONS COSMETIQUES A BASE DE DIESTER ET LEURS UTILISATIONS
- [72] PRESSLY, ERIC D., US
- [71] CHEMBEAU LLC, US
- [85] 2023-01-11
- [86] 2021-07-20 (PCT/US2021/042341)
- [87] (WO2022/020332)
- [30] US (63/054,496) 2020-07-21

[21] 3,189,439

[13] A1

- [51] Int.Cl. E21D 21/00 (2006.01)
 - [25] EN
 - [54] FRICTION FIT DRILL BIT ASSEMBLY FOR A SELF-DRILLING ROCK BOLT
 - [54] ENSEMBLE TREPAN A AJUSTEMENT PAR FROTTEMENT POUR UN BOULON D'ANCRAGE AUTOFOREUR
 - [72] PASTORINO, PAOLO ETTORE, ZA
 - [71] INNOVATIVE MINING PRODUCTS (PTY) LTD, ZA
 - [85] 2023-01-11
 - [86] 2021-07-15 (PCT/ZA2021/050042)
 - [87] (WO2022/016200)
 - [30] ZA (2020/04337) 2020-07-15
-

[21] 3,189,441

[13] A1

- [51] Int.Cl. A61K 8/49 (2006.01) A01N 31/00 (2006.01) A01N 35/00 (2006.01) A01N 37/00 (2006.01) A01N 43/04 (2006.01) A01N 43/40 (2006.01) A01N 61/00 (2006.01) A01P 17/00 (2006.01) A61K 8/34 (2006.01) A61K 8/35 (2006.01) A61K 8/36 (2006.01) A61K 8/37 (2006.01) A61K 8/42 (2006.01) A61Q 17/02 (2006.01)

- [25] EN
- [54] SYNERGISTIC FORMULATIONS FOR CONTROL AND REPELLENCE OF BITING ARTHROPODS
- [54] FORMULATIONS SYNERGIQUES POUR LUTTER CONTRE LES ARTHROPODES PIQUEURS ET LES REPOUSSER
- [72] BEDOUKIAN, ROBERT H., US
- [71] BEDOUKIAN RESEARCH, INC., US
- [85] 2023-01-12
- [86] 2021-08-03 (PCT/US2021/044340)
- [87] (WO2022/035645)
- [30] US (16/990,515) 2020-08-11

[21] 3,189,443

[13] A1

- [51] Int.Cl. C12N 9/22 (2006.01) C12N 9/78 (2006.01) C12N 15/62 (2006.01)
 - [25] EN
 - [54] OPTIMIZED PROTEIN LINKERS AND METHODS OF USE
 - [54] LIEURS PROTEIQUES OPTIMISES ET PROCEDES D'UTILISATION
 - [72] GUFFY, SHARON LEIGH, US
 - [72] WATTS, JOSEPH MATTHEW, US
 - [71] PAIRWISE PLANTS SERVICES, INC., US
 - [85] 2023-01-11
 - [86] 2021-07-21 (PCT/US2021/042457)
 - [87] (WO2022/020407)
 - [30] US (63/054,449) 2020-07-21
-

[21] 3,189,444

[13] A1

- [51] Int.Cl. B60L 50/70 (2019.01) B64D 27/00 (2006.01)
- [25] EN
- [54] SYSTEMS AND METHODS FOR MULTI-MODULE CONTROL OF A HYDROGEN POWERED HYBRID ELECTRIC POWERTRAIN
- [54] SYSTEMES ET PROCEDES DE COMMANDE MULTI-MODULE D'UN GROUPE MOTOPROPULSEUR ELECTRIQUE HYBRIDE A HYDROGENE
- [72] CLARKE, JOHN-PAUL, US
- [72] COUSIN, J. MARK, US
- [72] GLINER, LORIS, US
- [72] YU, HAO CHEN, US
- [72] LOBODA, GREGORY, US
- [72] GERMAN, BRIAN, US
- [71] UNIVERSAL HYDROGEN CO., US
- [85] 2023-01-12
- [86] 2021-08-13 (PCT/US2021/046027)
- [87] (WO2022/040054)
- [30] US (63/068,853) 2020-08-21

Demandes PCT entrant en phase nationale

[21] **3,189,445**
[13] A1

- [51] Int.Cl. A61N 5/00 (2006.01) A61N 5/01 (2006.01) A61N 5/02 (2006.01) A61N 5/04 (2006.01) A61N 5/067 (2006.01)
- [25] EN
- [54] MULTI-SENSOR GUIDED RADIATION THERAPY
- [54] RADIOTHERAPIE GUIDE PAR DE MULTIPLES CAPTEURS
- [72] VORONENKO, YEVGEN, US
- [71] REFLEXION MEDICAL, INC., US
- [85] 2023-01-11
- [86] 2021-08-03 (PCT/US2021/044405)
- [87] (WO2022/031750)
- [30] US (63/062,792) 2020-08-07

[21] **3,189,448**
[13] A1

- [51] Int.Cl. A01N 25/04 (2006.01) A01N 25/22 (2006.01) A01N 25/30 (2006.01) A01N 31/08 (2006.01)
- [25] EN
- [54] ORGANIC ACID BASED ANTIMICROBIAL FORMULATIONS CONTAINING EXTREMELY LOW LEVELS OF SURFACTANT
- [54] FORMULATIONS ANTIMICROBIENNES A BASE D'ACIDE ORGANIQUE CONTEANT DES TAUX EXTREMEMENT BAS DE TENSIOACTIF
- [72] GUO, XUANRONG, US
- [72] EKERDT, BARBARA, US
- [72] SCHEUING, DAVID R., US
- [72] FALK, NANCY A., US
- [71] THE CLOROX COMPANY, US
- [85] 2023-01-12
- [86] 2021-08-18 (PCT/US2021/046531)
- [87] (WO2022/040331)
- [30] US (63/068,706) 2020-08-21

[21] **3,189,450**
[13] A1

- [51] Int.Cl. G09B 9/00 (2006.01) F41A 33/00 (2006.01) F41G 3/26 (2006.01)
- [25] EN
- [54] MOVABLE SIGHT FRAME ASSEMBLY FOR A WEAPON SIMULATOR
- [54] ENSEMBLE DE CADRE DE VISEE MOBILE POUR SIMULATEUR D'ARME
- [72] TOY, GREGORY K., US
- [72] ESPLIN, ROGER C., US
- [72] VELEZ, CHRISTOPHER A., US
- [71] RAYTHEON COMPANY, US
- [85] 2023-01-11
- [86] 2021-08-06 (PCT/US2021/045022)
- [87] (WO2022/032145)
- [30] US (16/988,288) 2020-08-07

[21] **3,189,454**
[13] A1

- [51] Int.Cl. A61H 7/00 (2006.01) A61H 23/02 (2006.01)
- [25] EN
- [54] BODY BALANCE CORRECTING APPARATUS AND BODY BALANCE CORRECTING METHOD
- [54] APPAREIL DE CORRECTION D'EQUILIBRE CORPOREL ET PROCEDE DE CORRECTION D'EQUILIBRE CORPOREL
- [72] KAMEI, MASAMICHI, JP
- [71] KAMEI, MASAMICHI, JP
- [85] 2023-01-12
- [86] 2021-06-23 (PCT/JP2021/023773)
- [87] (WO2022/024603)
- [30] JP (2020-128883) 2020-07-30
- [30] JP (2021-064069) 2021-04-05

[21] **3,189,452**
[13] A1

- [51] Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01)
- [25] EN
- [54] ANTI-PD-1 ANTIBODY PHARMACEUTICAL COMPOSITION AND USE THEREOF
- [54] COMPOSITION PHARMACEUTIQUE D'ANTICORPS ANTI-PD -1 ET SON UTILISATION
- [72] MO, XIYELE, CN
- [72] YAN, ZHEN, CN
- [72] LIU, XUN, CN
- [71] JIANGSU HENGRIU PHARMACEUTICALS CO., LTD., CN
- [71] SHANGHAI HENGRIU PHARMACEUTICAL CO., LTD., CN
- [85] 2023-01-12
- [86] 2021-07-30 (PCT/CN2021/109438)
- [87] (WO2022/022660)
- [30] CN (202010755954.9) 2020-07-31
- [30] CN (202110831575.8) 2021-07-22

[21] **3,189,457**
[13] A1

- [51] Int.Cl. A61K 31/519 (2006.01) C12N 5/09 (2010.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01) C12N 15/12 (2006.01)
- [25] EN
- [54] CRYSTAL OF PYRIMIDINE COMPOUND
- [54] CRISTAL DE COMPOSE PYRIMIDINE
- [72] NAKAMURA, HIROYUKI, JP
- [72] YAMANAKA, HIROYOSHI, JP
- [72] ASAI, TAKAHIRO, JP
- [71] TAIHO PHARMACEUTICAL CO., LTD., JP
- [85] 2023-01-12
- [86] 2021-07-14 (PCT/JP2021/026460)
- [87] (WO2022/014638)
- [30] JP (2020-121520) 2020-07-15

PCT Applications Entering the National Phase

[21] 3,189,458

[13] A1

- [51] Int.Cl. C07D 498/06 (2006.01) A61K 31/55 (2006.01) A61P 35/00 (2006.01) C07D 267/02 (2006.01)
 - [25] EN
 - [54] INDOLO HEPTAMYL OXIME ANALOG CRYSTAL AS PARP INHIBITOR AND METHOD FOR PREPARING SAME
 - [54] CRISTAL ANALOGUE D'INDOLO HEPTAMYL-OXIME EN TANT QU'INHIBITEUR DE PARP ET PROCEDE DE PREPARATION ASSOCIE
 - [72] HU, YANBIN, CN
 - [72] LI, GANG, CN
 - [72] HU, LIHONG, CN
 - [72] DING, CHARLES Z., CN
 - [72] CHEN, SHUHUI, CN
 - [71] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., CN
 - [85] 2023-01-12
 - [86] 2021-07-30 (PCT/CN2021/109452)
 - [87] (WO2022/022664)
 - [30] CN (202010762484.9) 2020-07-31
 - [30] CN (202010772764.8) 2020-08-04
-

[21] 3,189,460

[13] A1

- [51] Int.Cl. A61K 31/519 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01) C07D 487/04 (2006.01)
- [25] EN
- [54] EGFR INHIBITOR
- [54] INHIBITEUR DU RECEPTEUR DU FACTEUR DE CROISSANCE EPIDERMIQUE
- [72] OGUCHI, KEI, JP
- [71] TAIHO PHARMACEUTICAL CO., LTD., JP
- [85] 2023-01-12
- [86] 2021-07-14 (PCT/JP2021/026461)
- [87] (WO2022/014639)
- [30] JP (2020-121525) 2020-07-15

[21] 3,189,461

[13] A1

- [51] Int.Cl. A61K 39/00 (2006.01) A61P 11/00 (2006.01)
- [25] EN
- [54] USE OF EPIDERMAL GROWTH FACTOR DEPLETING AGENTS IN THE TREATMENT OF THE CHRONIC OBSTRUCTIVE PULMONARY DISEASE
- [54] UTILISATION D'AGENTS DE REDUCTION DU FACTEUR DE CROISSANCE EPIDERMIQUE DANS LE TRAITEMENT DE LA MALADIE PULMONAIRE OBSTRUCTIVE CHRONIQUE
- [72] MACIAS ABRAHAM, AMPARO EMILIA, CU
- [72] CROMBET RAMOS, TANIA, CU
- [72] LEON MONZON, KALET, CU
- [72] SAAVEDRA HERNANDEZ, DANAY, CU
- [72] SANTOS MORALES, ORESTES, CU
- [72] NENINGER VINAGERAS, ELIA, CU
- [72] PINO ALFONSO, PEDRO PABLO, CU
- [72] HERNANDEZ REYES, JENYSBEL DE LA CARIDAD, CU
- [72] REID, MARY, US
- [72] LEE, KELVIN, US
- [71] CENTRO DE INMUNOLOGIA MOLECULAR, CU
- [85] 2023-01-12
- [86] 2021-07-19 (PCT/CU2021/050006)
- [87] (WO2022/022756)
- [30] CU (CU-2020-0034) 2020-07-30

[21] 3,189,462

[13] A1

- [51] Int.Cl. A61K 47/54 (2017.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07F 7/18 (2006.01)
 - [25] EN
 - [54] CONJUGATE IN WHICH FL118 DRUG IS LINKED TO ACID-SENSITIVE LINKER, AND IMMUNOCONJUGATE USING THE SAME
 - [54] CONJUGUE DANS LEQUEL UN MEDICAMENT FL118 EST LIE A UN LIEU SENSIBLE A L'ACIDE, ET IMMUNOCONJUGUE L'UTILISANT
 - [72] JUNG, DOO YOUNG, KR
 - [72] LEE, JIN SOO, KR
 - [72] CHO, HYUN YONG, KR
 - [72] CHOI, SHIN HEI, KR
 - [72] LEE, BYEONG SUNG, KR
 - [71] PINOTBIO, INC., KR
 - [85] 2023-01-12
 - [86] 2021-07-16 (PCT/KR2021/009204)
 - [87] (WO2022/015110)
 - [30] KR (10-2020-0088005) 2020-07-16
 - [30] KR (10-2021-0060721) 2021-05-11
-

[21] 3,189,465

[13] A1

- [51] Int.Cl. A61K 39/215 (2006.01) A61K 39/12 (2006.01) A61P 31/14 (2006.01)
- [25] EN
- [54] IMPROVED CORONAVIRUS VACCINE
- [54] VACCIN A CORONAVIRUS AMELIORE
- [72] WONG, CHI-HUEY, TW
- [72] MA, CHE, TW
- [72] HUANG, HAN-YI, TW
- [71] ACADEMIA SINICA, CN
- [85] 2023-01-11
- [86] 2022-04-12 (PCT/US2022/071682)
- [87] (WO2022/221837)
- [30] US (63/173,752) 2021-04-12
- [30] US (63/190,199) 2021-05-18

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 3,189,466</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. F23R 3/14 (2006.01) F23R 3/28 (2006.01)</p> <p>[25] EN</p> <p>[54] PREMIXER INJECTOR ASSEMBLY IN GAS TURBINE ENGINE</p> <p>[54] ENSEMBLE INJECTEUR DE PREMELANGE DANS UN MOTEUR A TURBINE A GAZ</p> <p>[72] VERSAILLES, PHILIPPE, CA</p> <p>[72] WATSON, GRAEME, CA</p> <p>[72] FURI, MARC, CA</p> <p>[71] SIEMENS ENEREGY GLOBAL GMBH & CO. KG, DE</p> <p>[85] 2023-01-13</p> <p>[86] 2020-07-17 (PCT/US2020/042489)</p> <p>[87] (WO2022/015321)</p>

<p style="text-align: right;">[21] 3,189,467</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. H04N 7/18 (2006.01)</p> <p>[25] EN</p> <p>[54] DRIVABLE SURFACE IDENTIFICATION TECHNIQUES</p> <p>[54] TECHNIQUES D'IDENTIFICATION DE SURFACE DE CONDUITE</p> <p>[72] THEVERAPPERUMA, LALIN, US</p> <p>[72] HALDER, BIBHRAJIT, US</p> <p>[71] SAFEAI, INC., US</p> <p>[85] 2023-01-13</p> <p>[86] 2021-06-11 (PCT/US2021/037110)</p> <p>[87] (WO2022/020028)</p> <p>[30] US (16/938,312) 2020-07-24</p>
--

<p style="text-align: right;">[21] 3,189,468</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B60R 3/02 (2006.01) B62D 25/22 (2006.01)</p> <p>[25] EN</p> <p>[54] VEHICLE STEP SYSTEM</p> <p>[54] SYSTEME DE MARCHE DE VEHICULE</p> <p>[72] MARTIN, ROGER, CA</p> <p>[72] MARTIN, HUGH, CA</p> <p>[72] CASLAVSKY, KAREL, CA</p> <p>[71] UNICELL LIMITED, CA</p> <p>[85] 2022-12-20</p> <p>[86] 2021-10-05 (PCT/CA2021/051394)</p> <p>[87] (WO2022/073114)</p> <p>[30] US (63/088,410) 2020-10-06</p>
--

<p style="text-align: right;">[21] 3,189,469</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A41C 3/00 (2006.01)</p> <p>[25] EN</p> <p>[54] SUPPORT GARMENT</p> <p>[54] VETEMENT DE SOUTIEN</p> <p>[72] PENNINGTON, TARA L., US</p> <p>[71] NIKE INNOVATE C.V., US</p> <p>[85] 2023-01-13</p> <p>[86] 2021-06-15 (PCT/US2021/037336)</p> <p>[87] (WO2022/031370)</p> <p>[30] US (63/061,977) 2020-08-06</p> <p>[30] US (17/343,197) 2021-06-09</p>

<p style="text-align: right;">[21] 3,189,472</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B21D 47/00 (2006.01) B23P 17/00 (2006.01) B23P 19/00 (2006.01) B23P 21/00 (2006.01) B23Q 3/00 (2006.01) B23Q 7/00 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR ASSEMBLING SUB-COMPONENTS, SUB-ELEMENTS, AND BUILDING ELEMENTS</p> <p>[54] SYSTEMES ET PROCEDES D'ASSEMBLAGE DE SOUS-COMPOSANTS, DE SOUS-ELEMENTS ET D'ELEMENTS DE CONSTRUCTION</p> <p>[72] DITTRICH, SHANE CHRISTOPHER, US</p> <p>[72] CARLSON, ROBERT DAVID DUDLEY, US</p> <p>[72] GIUFFRE, JASON T., US</p> <p>[72] D'ANDREA, ANTHONY P., US</p> <p>[72] FOSTER, ANTHONY W., US</p> <p>[72] MURDOCK, RICHARD D., US</p> <p>[72] MATHSON, TIMOTHY G., US</p> <p>[72] FLETCHER, CURTIS R., US</p> <p>[71] HOUSE OF DESIGN LLC, US</p> <p>[85] 2023-01-10</p> <p>[86] 2021-07-12 (PCT/US2021/041303)</p> <p>[87] (WO2022/015655)</p> <p>[30] US (63/050,948) 2020-07-13</p>
--

<p style="text-align: right;">[21] 3,189,497</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. C07D 401/04 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/496 (2006.01) A61K 31/5377 (2006.01) A61P 9/10 (2006.01) A61P 25/28 (2006.01) A61P 27/02 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)</p> <p>[25] EN</p> <p>[54] NOVEL PYRAZOLE DERIVATIVES</p> <p>[54] NOUVEAUX DERIVES DE PYRAZOLE</p> <p>[72] LEE, SOO JIN, KR</p> <p>[72] MOON, SUNG HWAN, KR</p> <p>[72] BAN, SOOHO, KR</p> <p>[72] LEE, EUNSIL, KR</p> <p>[72] SHIN, EUN JUNG, KR</p> <p>[72] GOH, YOO-KYUNG, KR</p> <p>[71] APTABIO THERAPEUTICS INC., KR</p> <p>[85] 2023-01-10</p> <p>[86] 2022-02-25 (PCT/KR2022/002802)</p> <p>[87] (WO2022/182205)</p> <p>[30] KR (10-2021-0025694) 2021-02-25</p>
--

<p style="text-align: right;">[21] 3,189,520</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. C07K 14/52 (2006.01) C07K 16/00 (2006.01) C07K 16/40 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR THE EXPRESSION OF AN ANTIBODY-MULTIMER-FUSION</p> <p>[54] PROCEDE D'EXPRESSION DE FUSION ANTICORPS-MULTIMERE</p> <p>[72] CHUNG, SHAN-HUA, DE</p> <p>[72] DUERR, HARALD, DE</p> <p>[72] FERRARA KOLLER, CLAUDIA, CH</p> <p>[72] MISAGHI, SHAHRAM, US</p> <p>[72] SHEN, AMY, US</p> <p>[72] TOURNAVITI, STYLIANI, DE</p> <p>[72] YIP, SHUET MING, US</p> <p>[71] F. HOFFMANN-LA ROCHE AG, CH</p> <p>[71] GENENTECH, INC., US</p> <p>[85] 2023-01-13</p> <p>[86] 2021-07-22 (PCT/EP2021/070471)</p> <p>[87] (WO2022/018178)</p> <p>[30] US (63/056,468) 2020-07-24</p>
--

PCT Applications Entering the National Phase

[21] 3,189,521
[13] A1

[51] Int.Cl. H01M 50/258 (2021.01)
[25] EN
[54] BATTERY MODULE AND METHOD FOR PRODUCING A BATTERY MODULE
[54] MODULE DE BATTERIE ET PROCEDE DE PRODUCTION D'UN MODULE DE BATTERIE
[72] HOFFMANN, TIM, DE
[71] VARTA MICROBATTERY GMBH, DE
[85] 2023-01-13
[86] 2021-07-19 (PCT/EP2021/070156)
[87] (WO2022/037872)
[30] EP (20191725.9) 2020-08-19

[21] 3,189,523
[13] A1

[51] Int.Cl. B25J 9/16 (2006.01)
[25] EN
[54] CONTROL OF MODULAR END-OF-ARM TOOLING FOR ROBOTIC MANIPULATORS
[54] COMMANDE D'OUTILLAGE D'EXTREMITE DE BRAS MODULAIRE POUR MANIPULATEURS ROBOTISES
[72] JEONG, JUN, US
[72] WOJCIECHOWSKI, SARA, US
[72] KEYES, NICHOLAS, US
[72] YEH, CINDY, US
[72] DICK, RYAN, CA
[72] SONG, JUN, CA
[72] GEORGE, KEVIN, US
[72] MARTIN, ADRIAN, CA
[72] WHITTINGTON, BRYAN, US
[72] VILLELLA, JULIAN, CA
[72] WIECHULA, STEFAN, CA
[72] HALLOCK, DAVID, US
[71] KINDRED SYSTEMS INC., US
[71] OCADO INNOVATION LIMITED, GB
[85] 2023-01-16
[86] 2021-07-16 (PCT/EP2021/069976)
[87] (WO2022/013428)
[30] US (16/931,232) 2020-07-16

[21] 3,189,525
[13] A1

[51] Int.Cl. C12N 9/22 (2006.01) C12N 15/10 (2006.01) C12N 15/82 (2006.01)
[25] EN
[54] NOVEL, NON-NATURALLY OCCURRING CRISPR-CAS NUCLEASES FOR GENOME EDITING
[54] NOUVELLES NUCLEASES CRISPR-CAS D'ORIGINE NON NATURELLE POUR L'EDITION GENOMIQUE
[72] ZUREK, CHRISTIAN, DE
[72] SCHOLZ, PAUL, DE
[72] KROHN, MICHAEL, DE
[71] BRAIN BIOTECH AG, DE
[85] 2023-01-16
[86] 2021-07-20 (PCT/EP2021/000081)
[87] (WO2022/017633)
[30] EP (20000262.4) 2020-07-21
[30] EP (20000329.1) 2020-09-10

[21] 3,189,526
[13] A1

[51] Int.Cl. A61K 47/36 (2006.01) A61K 47/38 (2006.01) A61L 31/04 (2006.01)
[25] EN
[54] ADHESION-PREVENTING AGENT AND METHOD FOR PREVENTING ADHESION USING SAME
[54] AGENT EMPECHANT L'ADHERENCE ET METHODE POUR EMPECHER L'ADHERENCE L'UTILISANT
[72] OHHATA, ATSUSHI, JP
[72] YAMASHITA, HIROMICHI, JP
[72] FUJIMOTO, SHIORI, JP
[71] OTSUKA PHARMACEUTICAL FACTORY, INC., JP
[85] 2022-11-30
[86] 2021-06-01 (PCT/JP2021/020791)
[87] (WO2021/246388)
[30] JP (2020-095280) 2020-06-01

[21] 3,189,527
[13] A1

[51] Int.Cl. A61K 38/00 (2006.01) A61K 38/28 (2006.01) C07K 14/435 (2006.01) C07K 14/62 (2006.01) C07K 19/00 (2006.01)
[25] EN
[54] INSULIN-FC FUSION PROTEIN AND APPLICATION THEREOF
[54] PROTEINE DE FUSION INSULINE-FC ET SON APPLICATION
[72] WANG, YALI, CN
[72] CHEN, XIAN, CN
[72] ZHU, LUYAN, CN
[72] ZHOU, TINGTING, CN
[72] MO, WEICHUAN, CN
[72] LIU, CHENGLIANG, CN
[72] HAO, WEIWEI, CN
[72] WANG, SHUYA, CN
[72] JIANG, ZHAOJU, CN
[72] REN, ZIJIA, CN
[72] SU, HONGSHENG, CN
[71] JIANGSU GENSCIENCES INC., CN
[85] 2023-01-16
[86] 2021-07-19 (PCT/CN2021/107040)
[87] (WO2022/017309)
[30] CN (202010723972.9) 2020-07-24

[21] 3,189,529
[13] A1

[51] Int.Cl. H04W 72/04 (2023.01) H04L 27/26 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR BEAM INDICATION IN MULTI-BEAM CELL
[54] SYSTEMES ET PROCEDES D'INDICATION DE FAISCEAU DANS UNE CELLULE A FAISCEAUX MULTIPLES
[72] CAO, WEI, CN
[72] ZHANG, NAN, CN
[72] HU, LINXI, CN
[72] YANG, ZHEN, CN
[71] ZTE CORPORATION, CN
[85] 2023-01-13
[86] 2020-07-21 (PCT/CN2020/103230)
[87] (WO2022/016362)

Demandes PCT entrant en phase nationale

[21] **3,189,530**

[13] A1

[51] Int.Cl. A61H 3/04 (2006.01) A61G 5/08 (2006.01) A61G 5/14 (2006.01) A61H 3/06 (2006.01)

[25] EN

[54] PERSONAL MOBILITY SYSTEM
[54] SYSTEME DE MOBILITE PERSONNELLE COMPRENANT UN MECANISME DE STABILITE ELASTIQUE

[72] CUMELLA, MATTHEW T., US

[71] NUVIO, INC., US

[85] 2022-12-09

[86] 2021-06-11 (PCT/US2021/037132)

[87] (WO2021/252985)

[30] US (63/037,823) 2020-06-11

[30] US (63/077,120) 2020-09-11

[30] US (63/130,571) 2020-12-24

[30] US (63/143,864) 2021-01-31

[21] **3,189,533**

[13] A1

[51] Int.Cl. B01D 63/08 (2006.01) C12M 1/00 (2006.01) C12P 21/02 (2006.01)

[25] EN

[54] METHODS AND SYSTEMS FOR PRODUCING POLYPEPTIDES
[54] PROCEDES ET SYSTEMES DE PRODUCTION DE POLYPEPTIDES

[72] LEITH, MATTHEW JOHN, US

[72] CHEN, CHENG-WEI AARON, US

[72] BUSHEY, JOHN DEVACHARIAM, US

[72] BHARGAVA, SWAPNIL, US

[71] SEAGEN INC., US

[85] 2023-01-16

[86] 2021-07-27 (PCT/US2021/070985)

[87] (WO2022/027013)

[30] US (63/057,800) 2020-07-28

[21] **3,189,537**

[13] A1

[51] Int.Cl. E21B 43/34 (2006.01) C01B 3/26 (2006.01) C01B 3/36 (2006.01) E21B 43/24 (2006.01)

[25] EN

[54] PROCESS OF SEPARATION AND PRODUCTION OF HYDROGEN GENERATED IN SITU OF OIL AND GAS FIELDS BY HETEROGENEOUS CATALYSIS CONVERSION, ACQUATHERMOLYSIS OR OXIDATION REACTIONS

[54] PROCEDE DE SEPARATION ET DE PRODUCTION D'HYDROGENE GENERE IN SITU DE CHAMPS DE PETROLE ET DE GAZ PAR DES REACTIONS HETEROGENES DE CONVERSION CATALYTIQUE, D'HYDROTHERMOLYSE OU D'OX YDATION

[72] SURGUCHEV, LEONID MIKHAILOVICH, RU

[72] SURGUCHEVA, ANNA LEONIDOVNA, RU

[71] SURGUCHEV, LEONID MIKHAILOVICH, RU

[71] SURGUCHEVA, ANNA LEONIDOVNA, RU

[85] 2023-01-12

[86] 2021-07-12 (PCT/RU2021/050209)

[87] (WO2022/015207)

[30] EA (202091470) 2020-07-13

[21] **3,189,531**

[13] A1

[51] Int.Cl. C07K 19/00 (2006.01) A61P 35/00 (2006.01) C07K 14/725 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01)

[25] EN

[54] MULTISPECIFIC CHIMERIC ANTIGEN RECEPTORS AND USES THEREOF

[54] RECEPTEURS ANTIGENIQUES CHIMERIQUES MULTISPECIFIQUES ET LEURS UTILISATIONS

[72] FAN, XIAOHU, CA

[72] ZHOU, ZHE, CN

[72] PAN, HONGBO, CN

[71] NANJING LEGEND BIOTECH CO., LTD., CN

[85] 2023-01-16

[86] 2021-07-16 (PCT/CN2021/106889)

[87] (WO2022/012681)

[30] CN (PCT/CN2020/102470) 2020-07-16

[21] **3,189,534**

[13] A1

[51] Int.Cl. A61M 16/00 (2006.01) A61M 16/10 (2006.01)

[25] EN

[54] SYSTEM AND METHOD FOR CONCENTRATING GAS

[54] SYSTEME ET PROCEDE DE CONCENTRATION DU GAZ

[72] BUDINGER, MICHAEL J., US

[72] STARKEY, KEVIN R., US

[71] INVACARE CORPORATION, US

[85] 2023-01-16

[86] 2021-07-15 (PCT/US2021/041719)

[87] (WO2022/015909)

[30] US (63/052,533) 2020-07-16

[21] **3,189,540**

[13] A1

[51] Int.Cl. B01D 53/02 (2006.01) A61M 16/00 (2006.01) A61M 16/10 (2006.01) C01B 13/00 (2006.01)

[25] EN

[54] SYSTEM AND METHOD FOR CONCENTRATING GAS

[54] SYSTEME ET PROCEDE DE CONCENTRATION DE GAZ

[72] YEHYA, HANEEN Y., US

[71] INVACARE CORPORATION, US

[85] 2023-01-16

[86] 2021-07-15 (PCT/US2021/041717)

[87] (WO2022/015907)

[30] US (63/052,869) 2020-07-16

[21] **3,189,535**

[13] A1

[51] Int.Cl. A61M 16/10 (2006.01) B01D 53/04 (2006.01) B01D 53/047 (2006.01) C01B 13/02 (2006.01)

[25] EN

[54] SYSTEM AND METHOD FOR CONCENTRATING GAS

[54] SYSTEME ET PROCEDE POUR CONCENTRER UN GAZ

[72] VALENTINE, ALEX P., US

[72] NULL, WILLIAM A., US

[72] MONAGHAN, MATTHEW E., US

[71] INVACARE CORPORATION, US

[85] 2023-01-16

[86] 2021-07-15 (PCT/US2021/041718)

[87] (WO2022/015908)

[30] US (63/052,700) 2020-07-16

PCT Applications Entering the National Phase

[21] 3,189,541

[13] A1

- [51] Int.Cl. B65G 39/00 (2006.01) B29C 48/16 (2019.01) B29C 48/17 (2019.01) B29C 48/21 (2019.01) B29C 48/32 (2019.01) B32B 1/08 (2006.01)
 - [25] EN
 - [54] CONVEYOR ROLLER TUBE
 - [54] TUBE DE ROULEAU DE TRANSPORTEUR
 - [72] KUBALA, BRAYDEN, AU
 - [72] ANDERSON, RAYMOND, AU
 - [71] PROK CONVEYOR COMPONENTS PTY LTD, AU
 - [85] 2023-01-13
 - [86] 2021-06-30 (PCT/AU2021/050696)
 - [87] (WO2022/016208)
 - [30] AU (2020902575) 2020-07-23
-

[21] 3,189,542

[13] A1

- [51] Int.Cl. B65D 41/00 (2006.01) B01D 53/04 (2006.01)
- [25] EN
- [54] SYSTEM AND METHOD FOR CONCENTRATING GAS
- [54] SYSTEME ET PROCEDE DE CONCENTRATION DE GAZ
- [72] MONAGHAN, MATTHEW E., US
- [72] PATIL, PANKAJ, US
- [71] INVACARE CORPORATION, US
- [85] 2023-01-16
- [86] 2021-07-15 (PCT/US2021/041714)
- [87] (WO2022/015906)
- [30] US (63/052,694) 2020-07-16
- [30] US (63/212,920) 2021-06-21

[21] 3,189,543

[13] A1

- [51] Int.Cl. A01G 24/35 (2018.01) A01G 24/48 (2018.01)
 - [25] EN
 - [54] SUPER ABSORBENT POLYMERIC FOAM
 - [54] MOUSSE POLYMERÉE SUPER-ABSORBANTE
 - [72] FABRI, CARLOS EDUARDO, BR
 - [72] HERMENEGILDO OLIVEIRA, GILSON APARECIDO, BR
 - [72] MARCANDALLI, LUIZ HENRIQUE, BR
 - [71] UPL CORPORATION LIMITED, MU
 - [71] UPL DO BRASIL INDUSTRIA E COMERCIO DE INSUMOS AGROPECUARIOS S.A., BR
 - [85] 2023-01-13
 - [86] 2021-07-02 (PCT/BR2021/050289)
 - [87] (WO2022/000064)
 - [30] BR (BR 10 2020 013617-8) 2020-07-02
 - [30] BR (BR 10 2021 013138-1) 2021-07-02
-

[21] 3,189,544

[13] A1

- [51] Int.Cl. A61M 16/06 (2006.01) G16H 40/40 (2018.01) G16H 40/60 (2018.01) A61M 16/20 (2006.01) B01D 53/04 (2006.01)
- [25] EN
- [54] SYSTEM AND METHOD FOR MANAGING MEDICAL DEVICES
- [54] SYSTEME ET PROCEDE DE GESTION DE DISPOSITIFS MEDICAUX
- [72] MONAGHAN, MATTHEW E., US
- [72] STARKEY, KEVIN R., US
- [71] INVACARE CORPORATION, US
- [85] 2023-01-16
- [86] 2021-07-15 (PCT/US2021/041712)
- [87] (WO2022/015905)
- [30] US (63/052,647) 2020-07-16

[21] 3,189,545

[13] A1

- [51] Int.Cl. C07K 14/435 (2006.01) A61K 31/282 (2006.01) A61K 31/337 (2006.01) A61K 38/00 (2006.01) A61K 38/17 (2006.01) A61P 35/00 (2006.01) C07K 16/18 (2006.01)
 - [25] EN
 - [54] COMPOSITIONS AND METHODS FOR THE TREATMENT OF CANCER
 - [54] COMPOSITIONS ET METHODES DE TRAITEMENT DU CANCER
 - [72] BLANCAFORT, PILAR, AU
 - [72] DUFFY, CIARA, AU
 - [71] THE UNIVERSITY OF WESTERN AUSTRALIA, AU
 - [85] 2023-01-16
 - [86] 2021-07-16 (PCT/AU2021/050770)
 - [87] (WO2022/011434)
 - [30] AU (2020902478) 2020-07-17
-

[21] 3,189,546

[13] A1

- [51] Int.Cl. E04B 1/19 (2006.01)
- [25] EN
- [54] MODULAR SPACE FRAME SUPPORT SYSTEM, WORK PLATFORM SYSTEM AND METHODS OF ERECTING THE SAME
- [54] SYSTEME DE SUPPORT DE CADRE D'ESPACE MODULAIRE, SYSTEME DE PLATEFORME DE TRAVAIL ET PROCEDES D'ERECTION DE CELUI-CI
- [72] SCRAFFORD, ROY T., US
- [72] MARTALOCK, ALANA, US
- [72] DOLLY, JERRY, US
- [72] JOLICOEUR, PAUL, US
- [72] TOMLINSON, SCOTT, US
- [72] BURKHART, JONATHAN, US
- [72] GRUMBERG, MATHIEU, US
- [71] BRANDSAFWAY SERVICES, LLC, US
- [85] 2023-01-16
- [86] 2020-07-16 (PCT/US2020/042386)
- [87] (WO2022/015315)

Demandes PCT entrant en phase nationale

[21] **3,189,547**
[13] A1

[51] Int.Cl. B65G 1/04 (2006.01) B65G 47/90 (2006.01)
[25] EN
[54] GRIPPER
[54] PINCE
[72] JOHANNISSON, WILHELM, GB
[72] INGRAM-TEDD, ANDREW, GB
[72] LINDBO, LARS SVERKER TURE, GB
[72] SUN, XUAN, GB
[72] TURNER, PAUL, GB
[71] OCADO INNOVATION LIMITED, GB
[85] 2023-01-17
[86] 2021-08-02 (PCT/EP2021/071584)
[87] (WO2022/029086)
[30] GB (2012042.4) 2020-08-03
[30] GB (2106062.9) 2021-04-28

[21] **3,189,548**
[13] A1

[51] Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/46 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01)
[25] EN
[54] CD20 BINDING MOLECULES AND USES THEREOF
[54] MOLECULES DE LIAISON A CD20 ET LEURS UTILISATIONS
[72] FAN, XIAOHU, CA
[72] ZHOU, ZHE, CN
[72] ZHUANG, QIUCHUAN, CN
[72] FANG, XU, CN
[72] PAN, HONGBO, CN
[72] WEI, MIN, CN
[72] ZHU, JIANRUI, CN
[71] NANJING LEGEND BIOTECH CO., LTD., CN
[85] 2023-01-16
[86] 2021-07-16 (PCT/CN2021/106886)
[87] (WO2022/012680)
[30] CN (PCT/CN2020/102463) 2020-07-16

[21] **3,189,550**
[13] A1

[51] Int.Cl. B65C 9/26 (2006.01) B65C 1/00 (2006.01) B65C 3/00 (2006.01)
[25] EN
[54] METHOD AND KIT FOR LABELLING OBJECTS
[54] PROCEDE ET KIT POUR ETIQUETER DES OBJETS
[72] AMBARTSOUMIAN, GOURGEN, CA
[71] AMBARTSOUMIAN, GOURGEN, CA
[85] 2023-01-17
[86] 2021-07-28 (PCT/CA2021/051058)
[87] (WO2022/020953)
[30] US (63/057,442) 2020-07-28

[21] **3,189,552**
[13] A1

[51] Int.Cl. A61F 13/472 (2006.01) A61F 5/451 (2006.01) A61F 5/455 (2006.01)
[25] EN
[54] FEMALE URINARY INCONTINENCE MANAGEMENT SYSTEM
[54] SYSTEME DE GESTION D'INCONTINENCE URINAIRE FEMININE
[72] O'NEILL, SUZANNE MARY, US
[71] O'NEILL, SUZANNE MARY, US
[85] 2023-01-17
[86] 2021-09-20 (PCT/US2021/051021)
[87] (WO2022/061200)
[30] US (63/080,220) 2020-09-18
[30] US (17/479,075) 2021-09-20

[21] **3,189,553**
[13] A1

[51] Int.Cl. A61K 39/00 (2006.01) C07K 14/705 (2006.01) C07K 14/725 (2006.01) C07K 14/735 (2006.01) C07K 16/00 (2006.01)
[25] EN
[54] HUMAN NON-NATURALLY OCCURRING MODIFIED FC REGION OF IGG SPECIFICALLY BINDING TO NON-NATURALLY OCCURRING MODIFIED FC RECEPTOR
[54] REGION FC MODIFIEE NON NATURELLE HUMAINE D'IGG SE LIANT SPECIFIQUEMENT A UN RECEPTEUR FC MODIFIE NON NATUREL
[72] MORIYA, RYUICHI, JP
[72] SHIRAI, HIROKI, JP
[72] SOGA, SHINJI, JP
[72] SHIMADA, NAOKO, JP
[72] RUSSELL, DAVID WILLIAM, US
[71] ASTELLAS PHARMA, INC., JP
[85] 2023-01-16
[86] 2021-08-18 (PCT/IB2021/000556)
[87] (WO2022/038411)
[30] US (63/067,629) 2020-08-19

[21] **3,189,554**
[13] A1

[51] Int.Cl. E21B 29/10 (2006.01) E21B 33/134 (2006.01)
[25] EN
[54] WELL COLLAPSE RECONNECT SYSTEM
[54] SYSTEME DE RECONNEXION D'EFFONDREMENT DE PUITS
[72] RUTHERFORD, JAMES S., US
[72] COLPITT, CHARLES, US
[72] WHITFIELD, ANDREW H., US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2023-01-17
[86] 2021-06-21 (PCT/US2021/038253)
[87] (WO2022/015471)
[30] US (63/052,277) 2020-07-15
[30] US (17/353,083) 2021-06-21

PCT Applications Entering the National Phase

[21] 3,189,555
[13] A1

[51] Int.Cl. F16L 11/04 (2006.01) F16L 11/08 (2006.01)
[25] EN
[54] HIGH STRENGTH MULTI-USE HOSE
[54] TUYAU MULTI-USAGE A HAUTE RESISTANCE
[72] RUSSELL, JEFF, US
[72] WILKENS, DAVE, US
[72] MALESKI, ROBERT, US
[71] ALL-AMERICAN HOLDINGS, LLC, US
[85] 2023-01-16
[86] 2021-02-16 (PCT/US2021/018192)
[87] (WO2022/015373)
[30] US (63/052,549) 2020-07-16
[30] US (17/176,491) 2021-02-16

[21] 3,189,557
[13] A1

[51] Int.Cl. C12Q 1/6806 (2018.01) C12Q 1/6827 (2018.01) C12Q 1/6869 (2018.01)
[25] EN
[54] HIGHLY SENSITIVE METHOD FOR DETECTING CANCER DNA IN A SAMPLE
[54] METHODE HAUTEMENT SENSIBLE DE DETECTION D'ADN DE CANCER DANS UN ECHANTILLON
[72] PERRY, MALCOLM, GB
[72] MARSICO, GIOVANNI, GB
[72] OSBORNE, ROBERT, GB
[72] ROSENFELD, NITZAN, GB
[72] FORSHEW, TIM, GB
[71] INVATA LTD., GB
[85] 2023-01-17
[86] 2021-08-05 (PCT/IB2021/057217)
[87] (WO2022/029688)
[30] US (63/061,568) 2020-08-05

[21] 3,189,559
[13] A1

[51] Int.Cl. B25J 15/00 (2006.01) B25J 15/06 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR OBJECT PROCESSING USING A PASSIVELY FOLDING VACUUM GRIPPER
[54] SYSTEMES ET PROCEDES DE TRAITEMENT D'OBJETS A L'AIDE D'UN DISPOSITIF DE PREHENSION A VIDE A PLIAGE PASSIF
[72] YAP, JASON, US
[72] ROSE, AIDAN, US
[72] NELSON, GABRIEL, US
[72] MASON, MATTHEW T., US
[72] GEYER, CHRISTOPHER, US
[71] BERKSHIRE GREY OPERATING COMPANY, INC., US
[85] 2023-01-16
[86] 2021-07-14 (PCT/US2021/041639)
[87] (WO2022/020157)
[30] US (63/054,856) 2020-07-22

[21] 3,189,561
[13] A1

[51] Int.Cl. A61K 9/00 (2006.01) A61K 9/06 (2006.01) A61K 9/107 (2006.01) A61K 31/51 (2006.01) A61K 47/06 (2006.01) A61K 47/10 (2017.01) A61P 17/04 (2006.01) A61P 17/06 (2006.01) A61P 17/14 (2006.01)
[25] EN
[54] STABLE PHARMACEUTICAL TOPICAL FORMULATION CONTAINING IMMUNOSUPPRESSANT FOR TREATING DERMATOLOGICAL CONDITIONS
[54] FORMULATION TOPIQUE PHARMACEUTIQUE STABLE CONTENANT UN IMMUNOSUPPRESSEUR POUR LE TRAITEMENT D'AFFECTIONS DERMATOLOGIQUES
[72] CHEN, RAYMOND RUZHONG, US
[72] SAMUEL, AMANDA PATRICE SURAJHIE, US
[72] ZELESKY, TODD CHRISTOPHER, US
[72] ZHANG, XIANG, US
[71] PFIZER INC., US
[85] 2023-01-17
[86] 2021-07-12 (PCT/IB2021/056232)
[87] (WO2022/013708)
[30] US (63/053,060) 2020-07-17

[21] 3,189,562
[13] A1

[51] Int.Cl. C07K 16/42 (2006.01)
[25] EN
[54] ANTI-IDIOTYPIC ANTIBODIES AGAINST ANTI-GPRC5D ANTIBODIES
[54] ANTICORPS ANTI-IDIOTYPIQUES DIRIGES CONTRE DES ANTICORPS ANTI-GPRC5D
[72] CHI, ELLEN, US
[72] EDWARDS, WILSON, US
[72] HUSOVSKY, MATT, US
[72] LACOMBE, ANN, US
[72] MARTINEZ, CHRISTIAN, US
[72] ZHOU, HONG MIMI, US
[72] LEE, JOHN T., US
[71] JANSEN BIOTECH, INC., US
[85] 2023-01-16
[86] 2021-07-15 (PCT/IB2021/056418)
[87] (WO2022/013819)
[30] US (63/053,286) 2020-07-17

[21] 3,189,563
[13] A1

[51] Int.Cl. A47C 7/54 (2006.01) A47C 1/03 (2006.01)
[25] EN
[54] ARM ASSEMBLY FOR A CHAIR
[54] ENSEMBLE BRAS POUR UNE CHAISE
[72] BISMAN, CHRISTOPHER WARREN, NZ
[72] PRIER, JAMES CLIFFORD, NZ
[72] HAARBECK, FABIAN DAVID, NZ
[72] WILKINSON, PAUL MICHAEL, NZ
[72] BURWELL, DAMON GREGORY, NZ
[72] MCCOSHIM, HUGH THOMAS, NZ
[72] CRAZE, LEON HARLEY, NZ
[72] HALL, RACHAEL JESSICA, NZ
[71] FORMWAY FURNITURE LIMITED, NZ
[85] 2023-01-17
[86] 2021-07-21 (PCT/IB2021/056568)
[87] (WO2022/018645)
[30] NZ (766466) 2020-07-22

Demandes PCT entrant en phase nationale

<p>[21] 3,189,564 [13] A1</p> <p>[51] Int.Cl. A61B 5/00 (2006.01)</p> <p>[25] EN</p> <p>[54] BONE FIXATION MONITORING SYSTEM</p> <p>[54] SISTÈME DE SURVEILLANCE DE FIXATION POUR OS</p> <p>[72] MIKHAIL, GEORGE, US</p> <p>[72] PIERSON, GLEN, US</p> <p>[72] WALSER, JOCHEN, CH</p> <p>[72] MARKS, JACOB, US</p> <p>[72] SCHNEIDER, JARED, US</p> <p>[72] SHANE, CHRISTOPHER, US</p> <p>[71] DEPUY SYNTHES PRODUCTS, INC., US</p> <p>[85] 2023-01-16</p> <p>[86] 2021-07-21 (PCT/IB2021/056584)</p> <p>[87] (WO2022/018652)</p> <p>[30] US (63/054,557) 2020-07-21</p>
--

<p>[21] 3,189,565 [13] A1</p> <p>[51] Int.Cl. B25J 15/00 (2006.01) B25J 15/06 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR OBJECT PROCESSING USING A PASSIVELY COLLAPSING VACUUM GRIPPER</p> <p>[54] SISTÈMES ET PROCÉDÉS DE TRAITEMENT D'OBJETS À L'AIDE D'UN DISPOSITIF DE PRÉHENSION À DEPRESSION A AFFAISSEMENT PASSIF</p> <p>[72] YAP, JASON, US</p> <p>[72] ROSE, AIDAN, US</p> <p>[72] NELSON, GABRIEL, US</p> <p>[72] MASON, MATTHEW T., US</p> <p>[72] GEYER, CHRISTOPHER, US</p> <p>[71] BERKSHIRE GREY OPERATING COMPANY, INC., US</p> <p>[85] 2023-01-16</p> <p>[86] 2021-07-14 (PCT/US2021/041649)</p> <p>[87] (WO2022/020159)</p> <p>[30] US (63/054,856) 2020-07-22</p>
--

<p>[21] 3,189,566 [13] A1</p> <p>[51] Int.Cl. A23K 20/142 (2016.01) A23K 20/158 (2016.01) A23K 50/30 (2016.01) A23L 33/175 (2016.01) A61K 9/16 (2006.01) A61K 31/055 (2006.01) A61K 31/198 (2006.01) A61K 31/405 (2006.01) A61P 1/00 (2006.01) A61P 1/06 (2006.01) A61P 1/08 (2006.01) A61P 1/10 (2006.01) A61P 1/12 (2006.01) A61P 1/14 (2006.01)</p> <p>[25] EN</p> <p>[54] COMPOSITIONS COMPRISING THYMOL AND AMINO ACIDS FOR USE IN THE TREATMENT OF INFLAMMATORY OR FUNCTIONAL INTESTINAL DISORDERS</p> <p>[54] COMPOSITIONS COMPRENANT DU THYMOL ET DES ACIDES AMINES POUR UNE UTILISATION DANS LE TRAITEMENT DE TROUBLES INTESTINAUX INFLAMMATOIRES OU FONCTIONNELS</p> <p>[72] PIVA, ANDREA, IT</p> <p>[72] GRILLI, ESTER, IT</p> <p>[71] VETAGRO INTERNATIONAL S.R.L., IT</p> <p>[85] 2023-01-16</p> <p>[86] 2021-07-26 (PCT/IB2021/056723)</p> <p>[87] (WO2022/023932)</p> <p>[30] IT (102020000018913) 2020-07-31</p>
--

<p>[21] 3,189,568 [13] A1</p> <p>[51] Int.Cl. A61M 16/06 (2006.01) A61M 16/20 (2006.01) B01D 53/04 (2006.01) B01D 53/22 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR CONCENTRATING GAS</p> <p>[54] SISTÈME ET PROCÉDÉ DE CONCENTRATION DE GAZ</p> <p>[72] MONAGHAN, MATTHEW E., US</p> <p>[72] PATIL, PANKAJ, US</p> <p>[71] INVACARE CORPORATION, US</p> <p>[85] 2023-01-16</p> <p>[86] 2021-07-15 (PCT/US2021/041710)</p> <p>[87] (WO2022/015903)</p> <p>[30] US (63/052,694) 2020-07-16</p> <p>[30] US (63/212,920) 2021-06-21</p>

<p>[21] 3,189,570 [13] A1</p> <p>[51] Int.Cl. C12N 5/00 (2006.01) C07K 19/00 (2006.01)</p> <p>[25] EN</p> <p>[54] CELLULOSE BINDING DOMAIN (CBD) CELL EFFECTOR PROTEIN (CEP) CHIMERA, FOR THE TISSUE ENGINEERING</p> <p>[54] CHIMERE DE PROTEINE EFFECTRICE (CEP) DE DOMAINE DE LIAISON A LA CELLULOSE (CEP), POUR L'INGENIERIE TISSULAIRE</p> <p>[72] SHOSEYOV, ODED, IL</p> <p>[72] YAARI, AMIT, IL</p> <p>[72] ZVIRIN, TZVI, IL</p> <p>[72] BARAN ELMEDVI, SHIRI, IL</p> <p>[72] AVIGAD LARON, EFRAT, IL</p> <p>[72] ERAN, YONATAN, IL</p> <p>[71] BIOBETTER LTD., IL</p> <p>[71] YISSION RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF THE JERU, IL</p> <p>[85] 2023-01-16</p> <p>[86] 2021-08-19 (PCT/IL2021/051017)</p> <p>[87] (WO2022/043991)</p> <p>[30] US (63/069,080) 2020-08-23</p>

<p>[21] 3,189,571 [13] A1</p> <p>[51] Int.Cl. H04W 24/02 (2009.01)</p> <p>[25] EN</p> <p>[54] DATA TRANSMISSION METHOD AND APPARATUS</p> <p>[54] PROCEDE ET APPAREIL DE TRANSMISSION DE DONNEES</p> <p>[72] GAN, MING, CN</p> <p>[72] LIANG, DANDAN, CN</p> <p>[72] GUO, YUCHEN, CN</p> <p>[72] LI, YUNBO, CN</p> <p>[72] YU, JIAN, CN</p> <p>[71] HUAWEI TECHNOLOGIES CO., LTD., CN</p> <p>[85] 2023-01-13</p> <p>[86] 2021-07-13 (PCT/CN2021/106129)</p> <p>[87] (WO2022/012561)</p> <p>[30] CN (202010671573.2) 2020-07-13</p>

PCT Applications Entering the National Phase

[21] 3,189,573

[13] A1

- [51] Int.Cl. B01D 53/02 (2006.01) A61M 16/00 (2006.01) A61M 16/10 (2006.01) C01B 13/00 (2006.01)
 - [25] EN
 - [54] SYSTEMS AND METHODS FOR CONCENTRATING GAS
 - [54] SYSTEME ET PROCEDES DE CONCENTRATION DE GAZ
 - [72] MONAGHAN, MATTHEW E., US
 - [72] PATIL, PANKAJ, US
 - [72] NULL, WILLIAM A., US
 - [71] INVACARE CORPORATION, US
 - [85] 2023-01-16
 - [86] 2021-07-15 (PCT/US2021/041711)
 - [87] (WO2022/015904)
 - [30] US (63/052,694) 2020-07-16
 - [30] US (63/212,920) 2021-06-21
-

[21] 3,189,574

[13] A1

- [51] Int.Cl. G02B 27/01 (2006.01)
 - [25] EN
 - [54] HEAD-MOUNTED DISPLAY DEVICE
 - [54] DISPOSITIF VISIOCASQUE
 - [72] DE MATOS PEREIRA VIEIRA, IVO YVES, PT
 - [72] DE SOUSA GOUVEIA PEREIRA RICARTE, JOAO CARLOS, PT
 - [71] LUSOSPACE, PROJECTOS ENGENHARIA LDA, PT
 - [85] 2023-01-13
 - [86] 2020-07-16 (PCT/EP2020/070145)
 - [87] (WO2022/012750)
-

[21] 3,189,575

[13] A1

- [51] Int.Cl. G01R 31/12 (2020.01)
 - [25] EN
 - [54] HIGH VOLTAGE INSTRUMENT TRANSFORMER AND METHOD FOR PARTIAL DISCHARGE RECOGNITION
 - [54] TRANSFORMATEUR D'INSTRUMENT A HAUTE TENSION ET PROCEDE DE RECONNAISSANCE DE DECHARGE PARTIELLE
 - [72] NEGRI, FABRIZIO, IT
 - [71] SIEMENS ENERGY GLOBAL GMBH & CO. KG, DE
 - [85] 2023-01-13
 - [86] 2020-07-17 (PCT/EP2020/070371)
 - [87] (WO2022/012762)
-

[21] 3,189,577

[13] A1

- [51] Int.Cl. G01N 33/68 (2006.01)
 - [25] EN
 - [54] BLOOD-BASED ASSAY FOR DETECTING TAUOPATHY OR AMYLOIDOGENIC DISEASE
 - [54] DOSAGE SANGUIN PERMETTANT LA DETECTION D'UNE TAUOPATHIE OU D'UNE MALADIE AMYLOIDOGENE
 - [72] KOLB, HARTMUTH C., US
 - [72] TRIANA-BALTZER, GALLEN, US
 - [72] SAAD, ZIAD, US
 - [71] JANSSEN PHARMACEUTICA NV, BE
 - [85] 2023-01-13
 - [86] 2021-07-14 (PCT/EP2021/069595)
 - [87] (WO2022/013286)
 - [30] US (62/705,759) 2020-07-14
 - [30] US (63/200,399) 2021-03-04
-

[21] 3,189,581

[13] A1

- [51] Int.Cl. B23K 26/02 (2014.01)
 - [25] EN
 - [54] PROCESSING SYSTEM
 - [54] SYSTEME DE TRAITEMENT
 - [72] SATO, SHINJI, JP
 - [71] NIKON CORPORATION, JP
 - [85] 2023-01-16
 - [86] 2020-07-29 (PCT/JP2020/029000)
 - [87] (WO2022/024246)
-

[21] 3,189,583

[13] A1

- [51] Int.Cl. A47F 3/04 (2006.01) G06Q 30/06 (2023.01) A47F 5/00 (2006.01)
 - [25] EN
 - [54] FOOD DISPOSAL TIME MANAGEMENT DEVICE, FOOD DISPOSAL TIME MANAGEMENT SYSTEM, AND FOOD DISPOSAL TIME MANAGEMENT METHOD
 - [54] DISPOSITIF DE GESTION DE TEMPORISATION D'ELIMINATION D'ALIMENTS, SYSTEME DE GESTION DE TEMPORISATION D'ELIMINATION D'ALIMENTS, ET PROCEDE DE GESTION DE TEMPORISATION D'ELIMINATION D'ALIMENTS
 - [72] KAKIMOTO, KENICHI, JP
 - [72] WATANABE, RYOHEI, JP
 - [72] TAKASAKI, AYATO, JP
 - [72] INOUE, MASAMI, JP
 - [71] J-OIL MILLS, INC., JP
 - [85] 2023-01-16
 - [86] 2021-07-15 (PCT/JP2021/026553)
 - [87] (WO2022/024774)
 - [30] JP (2020-129435) 2020-07-30
-

[21] 3,189,585

[13] A1

- [51] Int.Cl. A61K 35/74 (2015.01) A61K 39/00 (2006.01) A61K 47/00 (2006.01) C07K 14/21 (2006.01) C07K 14/245 (2006.01) C07K 14/255 (2006.01) C12N 15/62 (2006.01) C12N 15/66 (2006.01) C12N 15/74 (2006.01) C12P 21/02 (2006.01)
- [25] EN
- [54] AUTOTRANSPORTER SYSTEM
- [54] SYSTEME AUTOTRANSPORTEUR
- [72] CARRERA, MARC BIARNES, GB
- [72] SOULIER, ANNELISE, GB
- [71] PROKARIUM LIMITED, GB
- [85] 2023-01-13
- [86] 2021-06-18 (PCT/GB2021/051561)
- [87] (WO2021/255480)
- [30] GB (2009411.6) 2020-06-19

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 3,189,586 [13] A1</p> <p>[51] Int.Cl. G01N 29/04 (2006.01) B05B 1/34 (2006.01) G01N 29/28 (2006.01) G01N 29/32 (2006.01)</p> <p>[25] EN</p> <p>[54] SOLID CLEANSING COMPOSITION PRESENTING CONTROLLED DISINTEGRATION</p> <p>[54] COMPOSITION DE NETTOYAGE SOLIDE A DESINTEGRATION COMMANDÉE</p> <p>[72] PEREIRA, ALINE, BR</p> <p>[71] JOHNSON & JOHNSON CONSUMER INC., US</p> <p>[85] 2023-01-13</p> <p>[86] 2021-07-01 (PCT/IB2021/055914)</p> <p>[87] (WO2022/013668)</p> <p>[30] US (63/051,437) 2020-07-14</p>	<p style="text-align: right;">[21] 3,189,591 [13] A1</p> <p>[51] Int.Cl. G06F 21/57 (2013.01) G06F 21/12 (2013.01) G06F 9/44 (2018.01) G06F 15/16 (2006.01)</p> <p>[25] EN</p> <p>[54] STRAIN GAUGE FOR A VOLUME- MASS LIQUID DENSITY METER AND VOLUME-MASS LIQUID DENSITY METER BASED THEREON</p> <p>[54] JAUGE DE CONTRAINTE POUR UNITE DE MESURE VOLUMETRIQUE-MASSIQUE DE DENSITE DE LIQUIDE, ET UNITE DE MESURE VOLUMETRIQUE- MASSIQUE DE DENSITE DE LIQUIDE L'UTILISANT</p> <p>[72] KOVALYUKH, SERGIY VSEVOLODOVYCH, UA</p> <p>[71] KOVALYUKH, SERGIY VSEVOLODOVYCH, UA</p> <p>[85] 2023-01-13</p> <p>[86] 2020-05-12 (PCT/UA2020/000051)</p> <p>[87] (WO2021/010933)</p> <p>[30] UA (a 2019 08380) 2019-07-17</p>	<p style="text-align: right;">[21] 3,189,595 [13] A1</p> <p>[51] Int.Cl. A61K 48/00 (2006.01) A61K 38/17 (2006.01) C07K 14/705 (2006.01) C12N 15/86 (2006.01)</p> <p>[25] EN</p> <p>[54] GLOBAL NAVIGATION SATELLITE SYSTEM INTERFERENCE ATTACK DETECTION</p> <p>[54] DETECTION D'ATTAQUE D'INTERFERENCE DANS UN SYSTEME MONDIAL DE NAVIGATION PAR SATELLITES (GNSS)</p> <p>[72] BOUTHEMY, JEAN-LUC, US</p> <p>[71] T-MOBILE USA, INC., US</p> <p>[85] 2023-01-13</p> <p>[86] 2021-06-29 (PCT/US2021/039690)</p> <p>[87] (WO2022/015503)</p> <p>[30] US (16/928,969) 2020-07-14</p>
<p style="text-align: right;">[21] 3,189,590 [13] A1</p> <p>[51] Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01)</p> <p>[25] EN</p> <p>[54] THERAPEUTIC ANTIBODIES AND THEIR USES</p> <p>[54] ANTICORPS THERAPEUTIQUES ET LEURS UTILISATIONS</p> <p>[72] APGAR, JAMES REASONER, US</p> <p>[72] HOOPER, ANDREA THERESE, US</p> <p>[72] NOCULA-LUGOWSKA, MALGORZATA AGNIESZKA, US</p> <p>[72] WU, LEI, US</p> <p>[71] PFIZER INC., US</p> <p>[85] 2023-01-13</p> <p>[86] 2021-07-14 (PCT/IB2021/056346)</p> <p>[87] (WO2022/013775)</p> <p>[30] US (63/053,243) 2020-07-17</p>		

PCT Applications Entering the National Phase

[21] 3,189,597
[13] A1

- [51] Int.Cl. C12Q 1/6876 (2018.01) C12Q 1/6811 (2018.01) C12N 15/10 (2006.01)
- [25] EN
- [54] TIERED LIGATION OLIGOS
- [54] OLIGOS DE LIGATURE A PLUSIEURS NIVEAUX
- [72] MELTZER, ROBERT, US
- [72] FONTANEZ, KRISTINA, US
- [72] XUE, YI, US
- [71] FLUENT BIOSCIENCES INC., US
- [85] 2023-01-13
- [86] 2021-07-15 (PCT/US2021/041810)
- [87] (WO2022/015970)
- [30] US (63/052,073) 2020-07-15

[21] 3,189,599
[13] A1

- [51] Int.Cl. G06F 17/00 (2019.01)
- [25] EN
- [54] DATA MIGRATION MANAGEMENT AND MIGRATION METRIC PREDICTION
- [54] GESTION DE MIGRATION DE DONNEES ET PREDICTION DE METRIQUE DE MIGRATION
- [72] TROUT, JONATHAN D., US
- [72] BURNS, ROY, US
- [71] INTEGRATED MEDIA TECHNOLOGIES, INC., US
- [85] 2023-01-13
- [86] 2021-07-16 (PCT/US2021/041945)
- [87] (WO2022/016042)
- [30] US (16/932,410) 2020-07-17

[21] 3,189,601
[13] A1

- [51] Int.Cl. C07K 14/005 (2006.01) A61K 47/69 (2017.01) A61K 9/51 (2006.01) A61K 38/16 (2006.01) C07K 14/01 (2006.01) C07K 14/10 (2006.01) C07K 14/155 (2006.01) C07K 14/16 (2006.01)
- [25] EN
- [54] ENHANCED VIRUS-LIKE PARTICLES AND METHODS OF USE THEREOF FOR DELIVERY TO CELLS
- [54] PSEUDO-PARTICULES VIRALES AMELIOREES ET LEURS METHODES D'UTILISATION POUR L'ADMINISTRATION A DES CELLULES
- [72] JOUNG, J., KEITH, US
- [72] CABECEIRAS, PETER, US
- [71] THE GENERAL HOSPITAL CORPORATION, US
- [71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
- [85] 2023-01-13
- [86] 2021-07-26 (PCT/US2021/043151)
- [87] (WO2022/020800)
- [30] US (63/056,125) 2020-07-24

[21] 3,189,603
[13] A1

- [51] Int.Cl. C07K 14/415 (2006.01) C12N 15/82 (2006.01)
- [25] EN
- [54] PLANT REGULATORY ELEMENTS AND METHODS OF USE THEREOF
- [54] ELEMENTS REGULATEURS DE PLANTE ET LEURS PROCEDES D'UTILISATION
- [72] BHYRI, PRIYANKA, US
- [72] DASGUPTA, NANDINI, IN
- [72] DESHMUKH, KRUPA, US
- [72] DIEHN, SCOTT, US
- [72] MEYER, KNUST, US
- [72] RAUSCHER, GILDA, US
- [72] RIPP, KEVIN G, US
- [72] SIMS, LYNNE EILEEN, US
- [71] PIONEER HI-BRED INTERNATIONAL, INC., US
- [85] 2023-01-13
- [86] 2021-08-04 (PCT/US2021/044433)
- [87] (WO2022/035649)
- [30] US (63/063,467) 2020-08-10

[21] 3,189,605
[13] A1

- [51] Int.Cl. H01F 38/14 (2006.01) H02J 50/10 (2016.01) H02J 50/12 (2016.01) H02J 50/70 (2016.01) H01F 27/28 (2006.01) H01F 27/36 (2006.01) H02J 7/00 (2006.01)
- [25] EN
- [54] EFFICIENCY GAINS THROUGH MAGNETIC FIELD MANAGEMENT
- [54] GAINS D'EFFICACITE PAR GESTION DE CHAMP MAGNETIQUE
- [72] SCHRAFEL, PETER C., US
- [72] MCMAHON, FRANCIS J., US
- [72] WARD, MATTHEW L., US
- [71] INDUCTEV, INC., US
- [85] 2023-01-16
- [86] 2021-07-14 (PCT/US2021/070876)
- [87] (WO2022/026977)
- [30] US (16/940,658) 2020-07-28

[21] 3,189,606
[13] A1

- [51] Int.Cl. F24C 7/08 (2006.01)
- [25] EN
- [54] COOKING, SOLDERING, AND/OR HEATING SYSTEMS, AND ASSOCIATED METHODS
- [54] SYSTEMES DE CUISSON, DE BRASAGE ET/OU DE CHAUFFAGE ET PROCEDES ASSOCIES
- [72] POULTON, MICHAEL T., US
- [71] MTP TECHNOLOGIES, LLC, US
- [85] 2023-01-13
- [86] 2021-08-09 (PCT/US2021/045275)
- [87] (WO2022/035785)
- [30] US (63/066,092) 2020-08-14

Demandes PCT entrant en phase nationale

<p>[21] 3,189,608 [13] A1</p> <p>[51] Int.Cl. A23L 13/00 (2016.01) C12M 1/00 (2006.01) C12M 1/12 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS, DEVICES, AND METHODS FOR STERILIZING BIOREACTORS AND CULTURE MEDIA</p> <p>[54] SYSTEMES, DISPOSITIFS ET PROCEDES DE DE STERILISATION DE BIOREACTEURS ET MILIEUX DE CULTURE</p> <p>[72] LEUNG, MATTHEW, US</p> <p>[72] BENTON, PATRICIA RAE, US</p> <p>[72] COPELAND, CAMERON GENTRY, US</p> <p>[72] HSU, STEPHEN K., US</p> <p>[72] JOHNSON, KALLE LUKYAN, US</p> <p>[71] UPSIDE FOODS, INC., US</p> <p>[85] 2023-01-13</p> <p>[86] 2021-08-11 (PCT/US2021/045585)</p> <p>[87] (WO2022/039998)</p> <p>[30] US (16/996,567) 2020-08-18</p>

<p>[21] 3,189,611 [13] A1</p> <p>[51] Int.Cl. A61K 31/454 (2006.01) A61K 31/573 (2006.01) A61K 38/47 (2006.01)</p> <p>[25] EN</p> <p>[54] IMMUNE MODULATION OF MYELOID DERIVED SUPPRESSIVE CELL FUNCTION FOR CANCER TREATMENT</p> <p>[54] MODULATION IMMUNITAIRE DE LA FONCTION DE CELLULES MYELOIDES SUPPRESSIVES POUR LE TRAITEMENT DU CANCER</p> <p>[72] GOLDBERG, MICHAEL SOLOMON, US</p> <p>[71] SURGE THERAPEUTICS, INC., US</p> <p>[85] 2023-01-13</p> <p>[86] 2021-08-17 (PCT/US2021/046392)</p> <p>[87] (WO2022/040246)</p> <p>[30] US (63/066,806) 2020-08-17</p> <p>[30] US (63/066,807) 2020-08-17</p>

<p>[21] 3,189,612 [13] A1</p> <p>[51] Int.Cl. B25J 15/06 (2006.01) B66C 1/02 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR OBJECT PROCESSING USING A VACUUM GRIPPER THAT PROVIDES OBJECT RETENTION BY EVACUATION</p> <p>[54] SYSTEMES ET PROCEDES DE TRAITEMENT D'OBJETS UTILISANT UN PREHENSEUR A VIDE QUI REALISE UNE RETENTION D'OBJET PAR MISE SOUS VIDE</p> <p>[72] GEYER, CHRISTOPHER, US</p> <p>[72] MASON, MATTHEW T., US</p> <p>[72] NELSON, GABRIEL, US</p> <p>[72] ROSE, AIDAN, US</p> <p>[72] YAP, JASON, US</p> <p>[71] BERKSHIRE GREY OPERATING COMPANY, INC., US</p> <p>[85] 2023-01-16</p> <p>[86] 2021-07-15 (PCT/US2021/041838)</p> <p>[87] (WO2022/020176)</p> <p>[30] US (63/054,904) 2020-07-22</p>
--

<p>[21] 3,189,614 [13] A1</p> <p>[51] Int.Cl. C12Q 1/6806 (2018.01) C12Q 1/6869 (2018.01)</p> <p>[25] EN</p> <p>[54] METHODS AND APPARATUSES FOR PURIFICATION OF GEL DROPLETS SUPPORTING BIOLOGICAL TISSUE</p> <p>[54] PROCEDES ET APPAREILS POUR LA PURIFICATION DE GOUTTELETTES DE GEL SUPPORTANT DU TISSU BIOLOGIQUE</p> <p>[72] WANG, ZHAOHUI, US</p> <p>[72] SHEN, XILING, US</p> <p>[71] DUKE UNIVERSITY, US</p> <p>[85] 2023-01-13</p> <p>[86] 2021-08-26 (PCT/US2021/047634)</p> <p>[87] (WO2022/046958)</p> <p>[30] US (63/070,334) 2020-08-26</p> <p>[30] US (17/233,950) 2021-04-19</p>

<p>[21] 3,189,615 [13] A1</p> <p>[51] Int.Cl. B25J 15/00 (2006.01) B25J 15/06 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR OBJECT PROCESSING USING A VACUUM GRIPPER THAT PROVIDES OBJECT RETENTION BY SHROUD INVERSION</p> <p>[54] SYSTEMES ET PROCEDES DE TRAITEMENT D'OBJET EN UTILISANT UN DISPOSITIF DE PREHENSION A VIDE QUI REALISE UNE RETENTION D'OBJET PAR INVERSION D'ENVELOPPE</p> <p>[72] GEYER, CHRISTOPHER, US</p> <p>[72] MASON, MATTHEW T., US</p> <p>[72] NELSON, GABRIEL, US</p> <p>[72] ROSE, AIDAN, US</p> <p>[72] YAP, JASON, US</p> <p>[71] BERKSHIRE GREY OPERATING COMPANY, INC., US</p> <p>[85] 2023-01-16</p> <p>[86] 2021-07-15 (PCT/US2021/041846)</p> <p>[87] (WO2022/020178)</p> <p>[30] US (63/054,904) 2020-07-22</p>
--

<p>[21] 3,189,616 [13] A1</p> <p>[51] Int.Cl. A61K 39/00 (2006.01) A61K 39/395 (2006.01) C12N 9/14 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS AND COMPOSITIONS FOR POTENTIATING ANTITUMORAL IMMUNE RESPONSES THROUGH TARGETING OF NTPDASE3</p> <p>[54] METHODES ET COMPOSITIONS POUR POTENTIALISER DES REPONSES IMMUNITAIRES ANTITUMORALES PAR CIBLAGE DE NTPDASE3</p> <p>[72] SHANG, YAN WU, US</p> <p>[71] PURINOMIA BIOTECH, INC., US</p> <p>[85] 2023-01-13</p> <p>[86] 2021-09-10 (PCT/US2021/049770)</p> <p>[87] (WO2022/056200)</p> <p>[30] US (63/076,427) 2020-09-10</p>
--

PCT Applications Entering the National Phase

[21] 3,189,620
[13] A1

- [51] Int.Cl. E21B 7/00 (2006.01) E21B 7/02 (2006.01) E21B 19/00 (2006.01) E21B 19/20 (2006.01) E21B 44/00 (2006.01)
 - [25] EN
 - [54] GEOTECHNICAL RIG SYSTEMS AND METHODS
 - [54] SYSTEMES ET PROCEDES D'APPAREIL DE FORAGE GEOTECHNIQUE
 - [72] GREGG, JOHN, US
 - [72] SCHUBERT, MATTHEW, US
 - [72] SCHUBERT, PHILLIP, US
 - [71] GREGG DRILLING, LLC, US
 - [85] 2023-01-16
 - [86] 2021-07-15 (PCT/US2021/041894)
 - [87] (WO2022/016016)
 - [30] US (63/052,898) 2020-07-16
-

[21] 3,189,624
[13] A1

- [51] Int.Cl. A01N 63/27 (2020.01) C05F 11/08 (2006.01)
- [25] EN
- [54] MICROBIAL FORMULATION FOR THE PROTECTION AGRICULTURAL PLANTS AND CROPS AGAINST ENVIRONMENTAL CONDITIONS AND METHODS OF MANUFACTURE AND USE THEREOF
- [54] FORMULATION MICROBIENNE POUR LA PROTECTION DE PLANTES ET DE CULTURES AGRICOLES CONTRE DES CONDITIONS ENVIRONNEMENTALES ET METHODES DE PREPARATION ET D'UTILISATION DE CELLE-CI
- [72] PEREZ DONOSO, JOSE MANUEL, CL
- [72] BRAVO RODRIGUEZ, DENISSE MARGARITA, CL
- [72] ANZIANI OSTUNI, GIOVANNA FRANCESCA, CL
- [71] PEWMAN INNOVATION SPA, CL
- [85] 2023-01-16
- [86] 2021-07-13 (PCT/CL2021/050061)
- [87] (WO2022/011486)
- [30] US (63/051,414) 2020-07-14

[21] 3,189,625
[13] A1

- [51] Int.Cl. H01M 50/531 (2021.01)
 - [25] EN
 - [54] BATTERY WELD PLATES
 - [54] PLAQUES DE SOUDURE DE BATTERIE
 - [72] GENG, DAN, CN
 - [72] SUBRAMANIAN, ADITYA, CN
 - [72] FAUTEUX, DENIS GASTON, CN
 - [72] LI, JIN WEI, CN
 - [71] TECHTRONIC CORDLESS GP, US
 - [85] 2023-01-17
 - [86] 2020-07-29 (PCT/CN2020/105499)
 - [87] (WO2022/021141)
-

[21] 3,189,629
[13] A1

- [51] Int.Cl. B27B 5/10 (2006.01) B23D 45/02 (2006.01) B27B 1/00 (2006.01) B27B 5/00 (2006.01)
 - [25] EN
 - [54] IMPROVED SLASHER SAW SYSTEM
 - [54] SYSTEME DE SCIE DE TRONCONNAGE AMELIORE
 - [72] WYNN, BRIAN J., US
 - [72] WYNN, JAMES F., US
 - [71] WYNN, BRIAN J., US
 - [71] WYNN, JAMES F., US
 - [85] 2022-02-23
 - [86] 2020-03-09 (PCT/US2020/021723)
 - [87] (WO2020/185687)
 - [30] US (62/816,100) 2019-03-09
-

[21] 3,189,631
[13] A1

- [51] Int.Cl. A61K 39/395 (2006.01) A61K 9/08 (2006.01) A61K 9/19 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) C07K 16/28 (2006.01)
- [25] EN
- [54] PD-L1/LAG-3 BISPECIFIC ANTIBODY FORMULATION AND PREPARATION METHOD THEREFOR AND USE THEREOF
- [54] PREPARATION D'ANTICORPS BISPECIFIQUE PD-L1/LAG-3, SON PROCEDE DE PREPARATION ET SON UTILISATION
- [72] YAO, TIANYI, CN
- [72] MA, YIDONG, CN
- [72] WANG, YINJUE, CN
- [71] INNOVENT BIOLOGICS (SUZHOU) CO., LTD., CN
- [85] 2023-01-17
- [86] 2021-07-22 (PCT/CN2021/107878)
- [87] (WO2022/017468)
- [30] CN (202010720248.0) 2020-07-23

[21] 3,189,632
[13] A1

- [51] Int.Cl. A61K 31/415 (2006.01) A61K 31/4155 (2006.01) A61K 31/4196 (2006.01) A61K 31/4439 (2006.01) A61K 31/519 (2006.01) A61K 31/565 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01)
 - [25] EN
 - [54] COMBINATION THERAPY
 - [54] POLYTHERAPIE
 - [72] DANN, STEPHEN GEORGE, US
 - [72] MILLER, NICHOL LEE GOODMAN, US
 - [72] VANARSDALE, TODD LEE, US
 - [71] PFIZER INC., US
 - [85] 2023-01-17
 - [86] 2021-07-16 (PCT/IB2021/056459)
 - [87] (WO2022/018596)
 - [30] US (63/054,016) 2020-07-20
-

[21] 3,189,633
[13] A1

- [51] Int.Cl. A41C 1/02 (2006.01) A47C 3/02 (2006.01)
- [25] EN
- [54] A CHAIR
- [54] CHAISE
- [72] BISMAN, CHRISTOPHER WARREN, NZ
- [72] PRIER, JAMES CLIFFORD, NZ
- [72] HAARBECK, FABIAN DAVID, NZ
- [72] WILKINSON, PAUL MICHAEL, NZ
- [72] BURWELL, DAMON GREGORY, NZ
- [72] MCCOSHIM, HUGH THOMAS, NZ
- [72] CRAZE, LEON HARLEY, NZ
- [72] HALL, RACHAEL JESSICA, NZ
- [71] FORMWAY FURNITURE LIMITED, NZ
- [85] 2023-01-17
- [86] 2021-07-21 (PCT/IB2021/056567)
- [87] (WO2022/018644)
- [30] NZ (766462) 2020-07-22

Demandes PCT entrant en phase nationale

[21] 3,189,635 [13] A1
[51] Int.Cl. H01M 8/1004 (2016.01) H01M 8/102 (2016.01) H01M 8/1044 (2016.01)
[25] EN
[54] SYSTEMS, METHODS, AND DEVICES FOR CATION-ASSOCIATING FUEL CELL COMPONENTS
[54] SYSTEMES, PROCEDES ET DISPOSITIFS POUR DES COMPOSANTS DE PILE A COMBUSTIBLE A ASSOCIATION CATIONIQUE
[72] SLACK, JOHN, US
[72] BAKER, ANDREW, US
[71] NIKOLA CORPORATION, US
[85] 2023-01-17
[86] 2021-06-14 (PCT/US2021/037203)
[87] (WO2022/035501)
[30] US (63/065,632) 2020-08-14

[21] 3,189,636 [13] A1
[51] Int.Cl. G16C 20/30 (2019.01) G16C 60/00 (2019.01)
[25] EN
[54] SELECTING RESINS FOR USE IN CHROMATOGRAPHY PURIFICATION PROCESSES
[54] SELECTION DE RESINES DESTINEES A ETRE UTILISEES DANS DES PROCEDES DE PURIFICATION PAR CHROMATOGRAPHIE
[72] NOGUERAS, HECTOR, US
[72] COUFAL, MYRA, US
[72] SOTO-ORTEGA, DEBORAH, US
[71] AMGEN INC., US
[85] 2023-01-17
[86] 2021-07-16 (PCT/US2021/041973)
[87] (WO2022/026211)
[30] US (63/058,050) 2020-07-29

[21] 3,189,637 [13] A1
[51] Int.Cl. B65D 5/54 (2006.01) B65D 5/64 (2006.01) B65D 50/00 (2006.01) B65D 55/02 (2006.01) B65D 55/06 (2006.01)
[25] EN
[54] TAMPER-EVIDENT CONTAINER LOCK
[54] FERMETURE DE CONTENANT INVIOABLE
[72] WIKSTROM, TODD, US
[71] PIZZA SPICE PACKET LLC, US
[85] 2023-01-17
[86] 2021-07-19 (PCT/US2021/042171)
[87] (WO2022/016142)
[30] US (63/053,216) 2020-07-17
[30] US (17/379,023) 2021-07-19

[21] 3,189,638 [13] A1
[51] Int.Cl. B22D 11/049 (2006.01) B22D 11/16 (2006.01) B22D 11/18 (2006.01) B22D 11/20 (2006.01)
[25] EN
[54] DETECTING METAL SEPARATION FROM CASTING MOLD
[54] DETECTION DE SEPARATION DE METAL A PARTIR D'UN MOULE DE COULEE
[72] MCCALLUM, JOHN ROBERT BUSTER, US
[72] WAGSTAFF, ROBERT BRUCE, US
[72] KOSMICKI, MICHAEL R., US
[72] FENTON, WAYNE J., US
[71] NOVELIS INC., US
[85] 2023-01-17
[86] 2021-07-23 (PCT/US2021/042969)
[87] (WO2022/020717)
[30] US (62/705,945) 2020-07-23
[30] US (62/705,947) 2020-07-23

[21] 3,189,640 [13] A1
[51] Int.Cl. C12N 15/90 (2006.01) A61K 9/50 (2006.01) A61K 35/12 (2015.01)
[25] EN
[54] GENETICALLY MODIFIED CELL LINES EXPRESSING AN EXOGENOUS SUBSTANCE AND USES THEREOF
[54] LIGNEES CELLULAIRES GENETIQUEMENT MODIFIEES EXPRIMANT UNE SUBSTANCE EXOGENE ET LEURS UTILISATIONS
[72] DONOVAN, MARISSA, R., US
[72] MAKINO, ELINA, US
[72] PEARSON, ERIKA, US
[71] SIGILON THERAPEUTICS, INC., US
[85] 2023-01-17
[86] 2021-07-28 (PCT/US2021/043548)
[87] (WO2022/026606)
[30] US (63/057,688) 2020-07-28

[21] 3,189,641 [13] A1
[51] Int.Cl. B25H 3/02 (2006.01) B65D 21/00 (2006.01)
[25] EN
[54] PORTABLE CONTAINER, CONTAINER ASSEMBLY, AND ACCESSORIES
[54] RECIPIENT PORTABLE, ENSEMBLE RECIPIENT ET ACCESSOIRES
[72] ROGERS, KYLE EDWARD, US
[72] BOSWAY, ANDREW M., US
[72] BARBIERI, SCOTT, US
[72] NICHOLS, STEVE CHARLES, US
[72] RANE, MARK CARLSON, US
[72] DESROCHES, DONALD EDWARD, US
[71] YETI COOLERS, LLC, US
[85] 2023-01-17
[86] 2021-08-04 (PCT/US2021/044477)
[87] (WO2022/031803)
[30] US (16/987,588) 2020-08-07

PCT Applications Entering the National Phase

<p>[21] 3,189,647 [13] A1</p> <p>[51] Int.Cl. A61P 21/00 (2006.01) C07K 14/47 (2006.01) C12N 15/86 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMIC DELIVERY OF ADENO-ASSOCIATED VIRUS VECTOR EXPRESSING G-SARCOGLYCAN AND THE TREATMENT OF MUSCULAR DYSTROPHY</p> <p>[54] ADMINISTRATION SYSTEMIQUE DE VECTEUR DE VIRUS ADENO-ASSOCIE EXPRIMANT LE G-SARCOGLYCANE ET LE TRAITEMENT DE LA DYSTROPHIE MUSCULAIRE</p> <p>[72] RODINO-KLAPAC, LOUISE, US</p> <p>[72] POZSGAI, ERIC, US</p> <p>[71] SAREPTA THERAPEUTICS, INC., US</p> <p>[85] 2023-01-17</p> <p>[86] 2021-09-03 (PCT/US2021/048957)</p> <p>[87] (WO2022/055791)</p> <p>[30] US (63/075,697) 2020-09-08</p>
--

<p>[21] 3,189,657 [13] A1</p> <p>[51] Int.Cl. A61K 9/00 (2006.01) A61K 48/00 (2006.01) A61P 25/00 (2006.01) A61P 43/00 (2006.01) C07K 14/015 (2006.01) C07K 14/47 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS AND COMPOSITIONS FOR TREATMENT OF FRAGILE X SYNDROME</p> <p>[54] METHODES ET COMPOSITIONS POUR LE TRAITEMENT DU SYNDROME DE L'X FRAGILE</p> <p>[72] PEDAPATI, ERNEST, US</p> <p>[72] GROSS, CHRISTINA, US</p> <p>[72] ERICKSON, CRAIG, US</p> <p>[72] DISMUKE, DAVID, US</p> <p>[72] DE SILVA, ERANDI KANCHANA, US</p> <p>[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US</p> <p>[71] FORGE BIOLOGICS, INC., US</p> <p>[85] 2023-01-16</p> <p>[86] 2021-07-16 (PCT/US2021/041975)</p> <p>[87] (WO2022/016055)</p> <p>[30] US (63/053,461) 2020-07-17</p>

<p>[21] 3,189,661 [13] A1</p> <p>[51] Int.Cl. G01R 29/00 (2006.01) G01R 29/18 (2006.01) G06F 1/26 (2006.01)</p> <p>[25] EN</p> <p>[54] PHASOR IDENTIFICATION VIA SYNCHRONOUS MESSAGING</p> <p>[54] IDENTIFICATION DE PHASEUR PAR MESSAGERIE SYNCHRONE</p> <p>[72] HAYNES, DAVID, US</p> <p>[72] FLECK, CHRISTOPHER, US</p> <p>[72] SMITH, ROGER, US</p> <p>[72] ROSS, REBECCA, US</p> <p>[71] ACLARA TECHNOLOGIES LLC, US</p> <p>[85] 2023-01-16</p> <p>[86] 2021-07-16 (PCT/US2021/042020)</p> <p>[87] (WO2022/016080)</p> <p>[30] US (63/053,189) 2020-07-17</p>
--

<p>[21] 3,189,677 [13] A1</p> <p>[51] Int.Cl. A61K 35/17 (2015.01) C07K 14/705 (2006.01) C07K 14/725 (2006.01)</p> <p>[25] EN</p> <p>[54] RECEPTORS PROVIDING TARGETED COSTIMULATION FOR ADOPTIVE CELL THERAPY</p> <p>[54] RECEPTEURS FOURNISSENT UNE COSTIMULATION CIBLEE DESTINEE A UNE THERAPIE CELLULAIRE ADOPTIVE</p> <p>[72] BRIDGEMAN, JOHN, GB</p> <p>[72] HAWKINS, ROBERT, GB</p> <p>[72] RODRIGUEZ, RUBEN, GB</p> <p>[71] INSTIL BIO (UK) LIMITED, GB</p> <p>[85] 2023-01-16</p> <p>[86] 2021-07-16 (PCT/US2021/042079)</p> <p>[87] (WO2022/016114)</p> <p>[30] US (63/053,498) 2020-07-17</p>
--

<p>[21] 3,189,678 [13] A1</p> <p>[51] Int.Cl. H02S 30/20 (2014.01)</p> <p>[25] EN</p> <p>[54] ENERGY GENERATING PHOTOVOLTAIC AWNING WITH SCISSOR MECHANISM AND TILTING PHOTOVOLTAIC PANELS</p> <p>[54] STORE PHOTOVOLTAIQUE GENERATEUR D'ENERGIE AVEC MECANISME A CISEAUX ET PANNEAUX PHOTOVOLTAIQUES BASCULANTS</p> <p>[72] RAGHUNATHAN, ROHINI, US</p> <p>[72] KUMARIA, SHASHWAT, US</p> <p>[72] PHANSE, VIVEK, US</p> <p>[72] PRACA, MIGUEL MARTINHO LOPES, PT</p> <p>[71] EVOLUSUN INC., US</p> <p>[85] 2023-01-16</p> <p>[86] 2021-07-16 (PCT/US2021/042094)</p> <p>[87] (WO2022/020217)</p> <p>[30] US (16/932,751) 2020-07-18</p>
--

Demandes PCT entrant en phase nationale

[21] 3,189,682
[13] A1

- [51] Int.Cl. A61K 31/198 (2006.01) A61K 9/00 (2006.01) A61K 49/00 (2006.01)
 - [25] EN
 - [54] DENDRIMER COMPOSITIONS AND METHODS FOR DRUG DELIVERY TO INJURED KIDNEY
 - [54] COMPOSITIONS DE DENDRIMERES ET PROCEDES D'ADMINISTRATION DE MEDICAMENT DANS UN REIN MALADE
 - [72] CLELAND, JEFFREY L., US
 - [72] RANGARAMANUJAM, KANNAN, US
 - [72] KANNAN, SUJATHA, US
 - [72] SHARMA, RISHI, US
 - [72] APPIANI LA ROSA, SANTIAGO, US
 - [71] ASHVATTHA THERAPEUTICS, INC., US
 - [85] 2023-01-16
 - [86] 2021-07-16 (PCT/US2021/042097)
 - [87] (WO2022/016120)
 - [30] US (63/053,228) 2020-07-17
-

[21] 3,189,685
[13] A1

- [51] Int.Cl. F21S 41/147 (2018.01) F21S 41/148 (2018.01) F21S 41/20 (2018.01) F21S 41/255 (2018.01) F21S 41/29 (2018.01) F21S 41/32 (2018.01) F21S 41/40 (2018.01) F21S 41/43 (2018.01) F21S 41/47 (2018.01) F21S 41/663 (2018.01)
- [25] EN
- [54] BI-FUNCTIONAL HEADLAMPFOR A VEHICLE
- [54] PHARE BIFONCTIONNEL POUR VEHICULE
- [72] KAY, BRADLEY WILLIAM, US
- [71] J.W. SPEAKER CORPORATION, US
- [85] 2023-01-16
- [86] 2021-07-19 (PCT/US2021/042188)
- [87] (WO2022/016144)
- [30] US (63/053,130) 2020-07-17

[21] 3,189,689
[13] A1

- [51] Int.Cl. A01G 7/02 (2006.01) C01B 32/50 (2017.01) C25B 1/01 (2021.01) B01F 21/00 (2022.01)
 - [25] EN
 - [54] METHODS FOR EXTRACTING CO₂ FROM METAL CARBONATES AND USE THEREOF
 - [54] PROCEDES D'EXTRACTION DE CO₂ A PARTIR DE CARBONATES METALLIQUES ET LEUR UTILISATION
 - [72] ELLIS, LEAH D., US
 - [72] CHIANG, YET-MING, US
 - [72] CHIANG, MIKI L., US
 - [71] SUBLIME SYSTEMS, INC., US
 - [85] 2023-01-16
 - [86] 2021-07-22 (PCT/US2021/042746)
 - [87] (WO2022/020572)
 - [30] US (63/055,223) 2020-07-22
-

[21] 3,189,692
[13] A1

- [51] Int.Cl. A61K 39/39 (2006.01) A61P 25/28 (2006.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01)
- [25] EN
- [54] LAG3 BINDING PEPTIDES
- [54] PEPTIDES SE LIANT A LAG3
- [72] GUTIERREZ, GABRIEL M., US
- [72] PANNUCCI, JAMES, US
- [72] KOTRAIAH, VINAYAKA, US
- [72] PHARES, TIMOTHY W., US
- [72] BROWNE, CECILLE D., US
- [71] LEIDOS, INC., US
- [85] 2023-01-16
- [86] 2021-07-28 (PCT/US2021/043373)
- [87] (WO2022/026496)
- [30] US (63/059,225) 2020-07-31

[21] 3,189,723
[13] A1

- [51] Int.Cl. B65D 19/00 (2006.01) C08J 9/00 (2006.01) C08J 9/04 (2006.01) C08L 23/04 (2006.01) C08L 23/10 (2006.01)
 - [25] EN
 - [54] WOOD-PLASTIC COMPOSITE MATERIAL
 - [54] MATERIAU COMPOSITE BOIS-PLASTIQUE
 - [72] HAUBNER, ALEXANDER, AT
 - [72] BURGSTALLER, CHRISTOPH, AT
 - [71] HAUBNER, ALEXANDER, AT
 - [85] 2023-01-18
 - [86] 2021-06-21 (PCT/AT2021/060214)
 - [87] (WO2022/020868)
 - [30] AT (A 50640/2020) 2020-07-27
-

[21] 3,189,725
[13] A1

- [51] Int.Cl. C07D 401/14 (2006.01) C07D 401/02 (2006.01) C07D 401/04 (2006.01) C07D 403/02 (2006.01) C07D 403/04 (2006.01)
- [25] EN
- [54] INHIBITORS OF RHO-ASSOCIATED COILED-COIL KINASE
- [54] INHIBITEURS DE KINASE A SUPER-ENROULEMENT D'HELICES ASSOCIEE A RHO
- [72] LI, AN-HU, US
- [72] PONNALA, SHASHIKANTH, US
- [72] SAKILAM, SATISH KUMAR, US
- [72] GADHIYA, SATISHKUMAR, US
- [72] ZONG, YAO, US
- [72] LIM, DONG SUNG, US
- [72] ZHANG, YING, US
- [72] JUNG, DAWOON, US
- [71] ANGION BIOMEDICA CORP., US
- [85] 2023-01-18
- [86] 2021-07-20 (PCT/US2021/042419)
- [87] (WO2022/020381)
- [30] US (63/054,642) 2020-07-21

PCT Applications Entering the National Phase

[21] 3,189,726
[13] A1

- [25] EN
 - [54] **SUPERCONDUCTING HYDRIDE MATERIALS AND METHODS OF MAKING AND IDENTIFYING SAME**
 - [54] **MATERIAUX SUPRACONDUCTEURS A BASE D'HYDRURE ET LEURS PROCEDES DE FABRICATION ET D'IDENTIFICATION**
 - [72] DIAS, LIYANAGAMAGE R., US
 - [72] SALAMAT, ASHKAN, US
 - [71] UNIVERSITY OF ROCHESTER, US
 - [71] THE BOARD OF REGENTS OF THE NEVADA SYSTEM OF HIGHER EDUCATION ON BEHALF OF THE UNIVERSITY OF NEVADA, LAS VEGAS, US
 - [85] 2023-01-18
 - [86] 2021-07-20 (PCT/US2021/042447)
 - [87] (WO2022/020399)
 - [30] US (63/054,105) 2020-07-20
 - [30] US (63/054,111) 2020-07-20
-

[21] 3,189,727
[13] A1

- [51] **Int.Cl. A61L 2/20 (2006.01) A01N 59/00 (2006.01) A01P 1/00 (2006.01) A61L 2/18 (2006.01) C11D 3/48 (2006.01) C11D 7/04 (2006.01) C11D 11/00 (2006.01) C11D 17/06 (2006.01)**
- [25] EN
- [54] **OZONE DISINFECTION SYSTEM AND DEVICES CONFIGURED TO CONVERT WATER INTO OZONE FOR DISINFECTION, CLEANING, OR SANITIZING**
- [54] **SYSTEME ET DISPOSITIFS DE DESINFECTION A L'OZONE CONCUS POUR CONVERTIR DE L'EAU EN OZONE POUR LA DESINFECTION, LE NETTOYAGE OU L'ASEPTISATION**
- [72] CLAUSSNER, MARK, US
- [72] KAZMER, MARK, US
- [71] BLUE PENNY LLC, US
- [85] 2023-01-18
- [86] 2021-07-21 (PCT/US2021/042653)
- [87] (WO2022/020529)
- [30] US (63/054,546) 2020-07-21
- [30] US (17/137,867) 2020-12-30

[21] 3,189,728
[13] A1

- [51] **Int.Cl. C30B 25/00 (2006.01) C30B 25/18 (2006.01)**
 - [25] EN
 - [54] **SUPERCONDUCTING MATERIALS AND METHODS OF MAKING THE SAME**
 - [54] **MATERIAUX SUPRACONDUCTEURS ET LEURS PROCEDES DE FABRICATION**
 - [72] DIAS, LIYANAGAMAGE R., US
 - [72] SALAMAT, ASHKAN, US
 - [71] UNIVERSITY OF ROCHESTER, US
 - [71] THE BOARD OF REGENTS OF THE NEVADA SYSTEM OF HIGHER EDUCATION ON BEHALF OF THE UNIVERSITY OF NEVADA, LAS VEGAS, US
 - [85] 2023-01-18
 - [86] 2021-07-29 (PCT/US2021/043785)
 - [87] (WO2022/055628)
 - [30] US (63/058,324) 2020-07-29
-

[21] 3,189,729
[13] A1

- [51] **Int.Cl. B60C 29/00 (2006.01) B63C 9/19 (2006.01)**
 - [25] EN
 - [54] **DISPOSABLE INFLATOR**
 - [54] **GONFLEUR JETABLE**
 - [72] FAWCETT, LYMAN, US
 - [72] BREAU, TAYLOR, US
 - [71] HALKEY-ROBERTS CORPORATION, US
 - [85] 2023-01-18
 - [86] 2021-08-02 (PCT/US2021/044147)
 - [87] (WO2022/031583)
 - [30] US (16/983,560) 2020-08-03
-

[21] 3,189,730
[13] A1

- [51] **Int.Cl. C07K 16/30 (2006.01)**
- [25] EN
- [54] **ANTI-TIGIT ANTIBODY AND METHODS OF USE THEREOF**
- [54] **ANTICORPS ANTI-TIGIT ET SES METHODES D'UTILISATION**
- [72] COLLARINI, ELLEN, US
- [72] IZQUIERDO, SHELLEY, US
- [72] IFFLAND, CHRISTEL, US
- [72] HARRIMAN, WILLIAM DON, US
- [71] CRYSTAL BIOSCIENCE INC., US
- [85] 2023-01-18
- [86] 2021-06-29 (PCT/US2021/039664)
- [87] (WO2022/031387)
- [30] US (63/061,533) 2020-08-05

[21] 3,189,731
[13] A1

- [51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/958 (2013.01)**
 - [25] EN
 - [54] **PROSTHETIC HEART VALVES WITH H-SHAPED COMMISSURE WINDOWS AND METHODS FOR ASSEMBLY THEREOF**
 - [54] **VALVULES CARDIAQUES PROTHETIQUES DOTEES DE FENETRES DE COMMISSURE EN FORME DE H, ET PROCEDES D'ASSEMBLAGE ASSOCIES**
 - [72] LEVI, TAMIR S., IL
 - [72] AVINATHAN, ITAY, IL
 - [71] EDWARDS LIFESCIENCES CORPORATION, US
 - [85] 2023-01-18
 - [86] 2021-07-19 (PCT/US2021/042161)
 - [87] (WO2022/020229)
 - [30] US (63/054,394) 2020-07-21
-

[21] 3,189,732
[13] A1

- [51] **Int.Cl. A61K 38/00 (2006.01) A61P 31/14 (2006.01) C07K 19/00 (2006.01) C12N 9/48 (2006.01) C12N 15/62 (2006.01)**
- [25] EN
- [54] **METHODS AND COMPOSITIONS FOR TREATMENT AND PREVENTION OF CORONAVIRUS INFECTION**
- [54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT ET LA PREVENTION D'UNE INFECTION PAR UN CORONAVIRUS**
- [72] TORCHIA, JAMES, US
- [72] FREEMAN, GORDON J., US
- [71] DANA-FARBER CANCER INSTITUTE, INC., US
- [85] 2023-01-18
- [86] 2021-07-20 (PCT/US2021/042372)
- [87] (WO2022/020353)
- [30] US (63/053,817) 2020-07-20
- [30] US (63/150,686) 2021-02-18

Demandes PCT entrant en phase nationale

[21] 3,189,733
[13] A1

[51] Int.Cl. A61M 25/06 (2006.01)
[25] EN
[54] **SPLITTABLE NEEDLE AND DILATOR CATHETER PLACEMENT DEVICE AND ASSOCIATED METHODS**
[54] **AIGUILLE DIVISIBLE ET DISPOSITIF DE PLACEMENT DE CATHETER DILATATEUR ET PROCEDES ASSOCIES**
[72] HOWELL, GLADE H., US
[72] THORNLEY, KYLE G., US
[72] HASTINGS, ZACHARY S., US
[72] DIASABEYGUNAWARDENA, KENT, US
[72] TAYLOR, JON B., US
[72] TOBIN, TAYLOR CECILIA, US
[72] PHELPS, JACQUELYN NICOLE, US
[72] HAMILTON, DANIEL, US
[71] BARD ACCESS SYSTEMS, INC., US
[85] 2023-01-18
[86] 2021-08-02 (PCT/US2021/044223)
[87] (WO2022/031618)
[30] US (63/060,639) 2020-08-03

[21] 3,189,734
[13] A1

[51] Int.Cl. E04B 1/68 (2006.01) E04B 2/74 (2006.01) E04B 1/94 (2006.01)
[25] EN
[54] **SEALING DEVICE FOR DOUBLE EDGE JOINT, AND DRYWALL**
[54] **DISPOSITIF D'ETANCHEITE POUR JOINT PERIPHERIQUE DOUBLE, ET CLOISON SECHE**
[72] FORG, CHRISTIAN, DE
[72] KLEIN, MANFRED, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2023-01-18
[86] 2021-08-20 (PCT/EP2021/073172)
[87] (WO2022/043224)
[30] EP (20192382.8) 2020-08-24

[21] 3,189,735
[13] A1

[51] Int.Cl. E04B 1/68 (2006.01) E04B 2/74 (2006.01) E04B 1/94 (2006.01)
[25] EN
[54] **SEALING PROFILE AND METHOD FOR PRODUCING A PLURALITY OF SEALING PROFILES**
[54] **PROCEDE DE PRODUCTION DE MULTIPLES SECTIONS D'ETANCHEITE PROFILEES, ET SECTION D'ETANCHEITE PROFILEE**
[72] FORG, CHRISTIAN, DE
[72] KLEIN, MANFRED, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2023-01-18
[86] 2021-08-20 (PCT/EP2021/073166)
[87] (WO2022/043221)
[30] EP (20192382.8) 2020-08-24
[30] EP (21162520.7) 2021-03-15
[30] EP (21162522.3) 2021-03-15

[21] 3,189,737
[13] A1

[51] Int.Cl. A46B 5/00 (2006.01)
[25] EN
[54] **TOOTHBRUSH**
[54] **BROSSE A DENTS**
[72] XU, ZHENWU, CN
[72] DAI, XIAOGUO, CN
[71] SHANGHAI SHIFT ELECTRICS CO., LTD., CN
[85] 2023-01-17
[86] 2022-04-26 (PCT/CN2022/089200)
[87] (WO2022/247559)
[30] CN (202110578515.X) 2021-05-26

[21] 3,189,736
[13] A1

[51] Int.Cl. A22B 5/00 (2006.01) A22C 17/00 (2006.01)
[25] EN
[54] **METHOD AND SYSTEM FOR DEBONING OF A CARCASS LEG PART OF A FOUR LEGGED SLAUGHTER ANIMAL, FOR REMOVING MEAT FROM A BONE OF THE CARCASS LEG PART**
[54] **PROCEDE ET SYSTEME DE DESOSSAGE D'UNE PARTIE PATTE DE CARCASSE D'UN ANIMAL DE BOUCHERIE A QUATRE PATTES, D'ELIMINATION DE LA VIANDE D'UN OS DE LA PARTIE PATTE DE CARCASSE**
[72] VAN HAPPEN, FRANK, NL
[72] MEERDINK, JAN, NL
[72] VAN DER STEEN, FRANCISCUS THEODORUS HENRICUS JOHANNES, NL
[71] MAREL MEAT B.V., NL
[85] 2023-01-18
[86] 2021-08-16 (PCT/EP2021/072733)
[87] (WO2022/043114)
[30] EP (20193568.1) 2020-08-31

PCT Applications Entering the National Phase

[21] 3,189,738
[13] A1

[51] Int.Cl. A61K 31/381 (2006.01) A61K 31/4035 (2006.01) A61K 31/41 (2006.01) A61K 31/4192 (2006.01) A61K 31/4245 (2006.01) A61K 31/427 (2006.01) A61K 31/4439 (2006.01) A61K 31/4725 (2006.01) A61K 31/496 (2006.01) C07D 413/08 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) C07D 471/10 (2006.01) C07D 487/04 (2006.01) C07D 487/10 (2006.01)

[25] EN

[54] 2-(4-((5-(BENZO[B]THIOPHEN-3-YL)-1H-TETRAZOL-1-YL)METHYL)PHENYL)-5-(DIFLUOROMETHYL)-1,3,4-OXADIAZOLE DERIVATIVES AND SIMILAR COMPOUNDS AS SELECTIVE INHIBITORS OF HISTONE DEACETYLASE 6 (HDAC6) FOR USE IN TREATING E.G. PERIPHERAL NEUROPATHY

[54] DERIVES DE 2-(4-((5-(BENZO[B]THIOPHEN-3-YL)-1H-TETRAZOL-1-YL)METHYL)PHENYL)-5-(DIFLUOROMETHYL)-1,3,4-OXADIAZOLE ET COMPOSES SIMILAIRES EN TANT QU'INHIBITEURS SELECTIFS DE L'HISTONE DESACETYLASE 6 (HDAC6) POUR UNE UTILISATION DANS LE TRAITEMENT, PAR EXEMPLE, DE LA NEUROPATHIE PERIPHERIQUE

[72] MARCHINI, MATTIA, IT
[72] VERGANI, BARBARA, IT
[72] SANDRONE, GIOVANNI, IT
[72] ROCCHIO, ILARIA, IT
[72] KACHKOVSKYI, GEORGII, PL
[72] CAPRINI, GIANLUCA, IT
[72] FOSSATI, GIANLUCA, IT
[72] STEINKUHLER, CHRISTIAN, IT
[72] STEVENAZZI, ANDREA, IT
[71] ITALFARMACO S.P.A., IT
[85] 2023-01-18
[86] 2021-07-30 (PCT/EP2021/071465)
[87] (WO2022/029041)
[30] IT (102020000019714) 2020-08-07

[21] 3,189,739
[13] A1

[51] Int.Cl. A61P 31/14 (2006.01) C07K 16/10 (2006.01)

[25] EN

[54] THERAPEUTIC AND DIAGNOSTIC VHH ANTIBODIES AGAINST SARS-COV-2 AND METHODS FOR THEIR ENHANCEMENT
[54] ANTICORPS VHH THERAPEUTIQUES ET DIAGNOSTIQUES CONTRE LE SARS-COV-2 ET PROCEDES PERMETTANT LEURS AMELIORATIONS

[72] GORLICH, DIRK, DE
[72] CORDES, VOLKER, DE
[72] GUTTLER, THOMAS, DE
[72] GUNKEL, PHILIP, DE
[72] REES, RENATE, DE
[72] KRULL, JENS, DE
[72] GREGOR, KATHRIN, DE
[72] TAXER, WALTRAUD, DE
[72] NEUMANN, LEONIE, DE
[72] PLEINER, TINO, US
[72] MUSSL, BIANKA, DE
[72] TEICHMANN, ULRIKE, DE
[72] METIN, AKSU, DE
[72] RYMARENKO, OLEH, DE
[72] SCHUNEMANN, JURGEN, DE
[72] DOBBELSTEIN, MATTHIAS, DE
[72] STEGMANN, KIM MAREN, DE
[72] DICKMANNS, ANTJE, DE
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
[85] 2023-01-18
[86] 2021-07-29 (PCT/EP2021/071310)
[87] (WO2022/023484)
[30] EP (20188451.7) 2020-07-29
[30] EP (21151145.6) 2021-01-12
[30] EP (21151159.7) 2021-01-12
[30] EP (21183420.5) 2021-07-02

[21] 3,189,740
[13] A1

[51] Int.Cl. C12N 15/87 (2006.01)

[25] EN

[54] COMPOSITIONS OF DNA MOLECULES, METHODS OF MAKING THEREFOR, AND METHODS OF USE THEREOF

[54] COMPOSITIONS DE MOLECULES D'ADN, LEURS PROCEDES DE FABRICATION ET LEURS PROCEDES D'UTILISATION

[72] DE BEER, JOEL, CH
[72] MAURER, MONIQUE, CH
[72] MEIER, NICOLAS, CH
[72] KUNALINGAM, LAVANIYA, CH
[72] CLERICI, MARCELLO, CH
[71] ANJARIUM BIOSCIENCES AG, CH
[85] 2023-01-18
[86] 2021-07-26 (PCT/EP2021/070884)
[87] (WO2022/023284)
[30] US (63/057,179) 2020-07-27
[30] US (63/139,486) 2021-01-20

[21] 3,189,741
[13] A1

[51] Int.Cl. G02B 21/00 (2006.01)

[25] EN

[54] SYSTEMS AND METHODS FOR PERFORMING MICROSCOPIC ANALYSIS OF A SAMPLE

[54] SYSTEMES ET PROCEDES D'ANALYSE MICROSCOPIQUE D'UN ECHANTILLON

[72] OGNIEN, JONAS, FR
[72] LEVECQ, OLIVIER, FR
[71] DAMAE MEDICAL, FR
[85] 2023-01-17
[86] 2021-07-06 (PCT/EP2021/068661)
[87] (WO2022/017784)
[30] FR (FR2007700) 2020-07-22

Demandes PCT entrant en phase nationale

[21] 3,189,742 [13] A1
[51] Int.Cl. A61K 9/00 (2006.01) A01N 59/16 (2006.01) A01P 1/00 (2006.01)
[25] EN
[54] ANTIVIRAL SURFACES COMPRISING POLYOXOMETALATES AND ZINC MOLYBDATE
[54] SURFACES A EFFET ANTIVIRAL CONTENANT DES POLYOXOMETALLATES ET DU MOLYBDATE DE ZINC
[72] GUGGENBICHLER, J. PETER, AT
[71] FRIDA GROUP APS, DK
[85] 2023-01-18
[86] 2021-07-19 (PCT/EP2021/070144)
[87] (WO2022/018025)
[30] EP (20186706.6) 2020-07-20

[21] 3,189,744 [13] A1
[51] Int.Cl. A61B 17/56 (2006.01) A61F 2/30 (2006.01) A61L 27/18 (2006.01) A61L 27/52 (2006.01)
[25] EN
[54] GEL MATERIAL FOR TREATING TENDON OR LIGAMENT
[54] MATERIAU DE GEL DESTINE AU TRAITEMENT DE TENDON OU DE LIGAMENT
[72] SAKAI, TAKAMASA, JP
[72] SAITO, TAKU, JP
[72] IWANAGA, YASUHIDE, JP
[72] TANAKA, SAKAE, JP
[72] MASUI, KOSUKE, JP
[72] NARITA, SHINICHI, JP
[71] THE UNIVERSITY OF TOKYO, JP
[71] GELLYCLE CO., LTD., JP
[85] 2023-01-17
[86] 2021-07-13 (PCT/JP2021/026352)
[87] (WO2022/019182)
[30] JP (2020-125055) 2020-07-22

[21] 3,189,745 [13] A1
[51] Int.Cl. F24F 1/037 (2019.01) F21S 10/04 (2006.01)
[25] EN
[54] HUMIDIFIER WITH FLAME-LIKE VAPOR
[54] HUMIDIFICATEUR AVEC VAPEUR DE TYPE FLAMME
[72] GRAY, BRENT, CA
[72] MORAND, MICHEL, CA
[72] CAVALIE, GUILLAUME, CA
[71] DUPRAY VENTURES INC., CA
[85] 2023-01-18
[86] 2021-07-29 (PCT/CA2021/051068)
[87] (WO2022/020962)
[30] US (63/059,546) 2020-07-31

[21] 3,189,746 [13] A1
[51] Int.Cl. C09J 7/40 (2018.01)
[25] EN
[54] RELEASE FILM HAVING A THIN RELEASE COATING
[54] FILM ANTIADHESIF AYANT UN REVETEMENT ANTIADHESIF MINCE
[72] SCHUHMANN, MICHAEL, DE
[72] SAYGILI, SAHIN, DE
[72] SCHMIDT, WERNER, DE
[72] GERLACHER, HARALD, DE
[72] MULLER, JOSEF, DE
[71] LOPAREX GERMANY GMBH & CO. KG, DE
[85] 2023-01-19
[86] 2021-07-19 (PCT/EP2021/070108)
[87] (WO2022/018013)
[30] EP (20186698.5) 2020-07-20
[30] EP (20215915.8) 2020-12-21

[21] 3,189,747 [13] A1
[51] Int.Cl. C08F 2/26 (2006.01) C08F 220/18 (2006.01) C08K 3/22 (2006.01) C09D 133/08 (2006.01)
[25] EN
[54] AQUEOUS POLYMER LATEX OF FILM-FORMING COPOLYMERS SUITABLE AS BINDER IN WATERBORNE COATING COMPOSITIONS
[54] LATEX POLYMERIQUE AQUEUX DE COPOLYMERES FILMOGENES APPROPRIÉS COMME LIANT DANS DES COMPOSITIONS DE REVETEMENT A L'EAU
[72] ROSCHMANN, KONRAD, DE
[72] LOHMEIJER, BASTIAAN, DE
[72] WOLF, THOMAS, DE
[72] WILLERICH, IMMANUEL, DE
[72] WAGNER, OLIVER, DE
[72] EICHHORN, SABINE, DE
[72] FLECKENSTEIN, CHRISTOPH, DE
[72] FLEISCHHAKER, FRIEDERIKE, DE
[72] MISSKE, ANDREA, DE
[72] SCHEUBLE, MARTIN ROBERT, DE
[71] BASF SE, DE
[85] 2023-01-19
[86] 2021-07-19 (PCT/EP2021/070108)
[87] (WO2022/018013)
[30] EP (20186698.5) 2020-07-20
[30] EP (20215915.8) 2020-12-21

[21] 3,189,748 [13] A1
[51] Int.Cl. A47G 21/18 (2006.01)
[25] EN
[54] DRINKING DEVICE AND DRINKING VESSEL
[54] APPAREIL DE BOISSON ET RECIPIENT DE BOISSON
[72] JUNGST, MAGDALENA, DE
[72] KOPPITZ, JANNIS, DE
[72] JAGER, TIM, DE
[72] SCHLANG, FABIAN, DE
[71] AIR UP GROUP GMBH, DE
[85] 2023-01-19
[86] 2021-07-20 (PCT/EP2021/070240)
[87] (WO2022/023119)
[30] EP (20188639.7) 2020-07-30

PCT Applications Entering the National Phase

<p>[21] 3,189,749 [13] A1</p> <p>[51] Int.Cl. A61M 39/10 (2006.01) A61M 39/24 (2006.01)</p> <p>[25] EN</p> <p>[54] VALVE CONFIGURATIONS FOR A TUNABLE VALVE</p> <p>[54] CONFIGURATIONS DE VANNE POUR UNE VANNE REGLABLE</p> <p>[72] BLANCHARD, DANIEL B., US</p> <p>[71] BARD ACCESS SYSTEMS, INC., US</p> <p>[85] 2023-01-19</p> <p>[86] 2021-07-30 (PCT/US2021/044061)</p> <p>[87] (WO2022/026920)</p> <p>[30] US (63/059,652) 2020-07-31</p>

<p>[21] 3,189,750 [13] A1</p> <p>[51] Int.Cl. B05D 1/26 (2006.01) B05D 5/06 (2006.01) B41J 2/01 (2006.01) B41M 3/00 (2006.01) B41M 5/00 (2006.01)</p> <p>[25] EN</p> <p>[54] PRINTED BASE MATERAIL AND METHOD FOR PRODUCING THE SAME</p> <p>[54] SUBSTRAT IMPRIME ET SON PROCEDE DE PRODUCTION</p> <p>[72] OTANI, SHINGO, JP</p> <p>[71] OTSUKA PHARMACEUTICAL FACTORY, INC., JP</p> <p>[85] 2023-01-17</p> <p>[86] 2021-09-01 (PCT/JP2021/032206)</p> <p>[87] (WO2022/050324)</p> <p>[30] JP (2020-148006) 2020-09-03</p>
--

<p>[21] 3,189,751 [13] A1</p> <p>[51] Int.Cl. C07K 14/32 (2006.01)</p> <p>[25] EN</p> <p>[54] NOVEL BACTERIAL PROTEIN FIBERS</p> <p>[54] NOUVELLES FIBRES DE PROTEINE BACTERIENNE</p> <p>[72] REMAUT, HAN, BE</p> <p>[72] SLEUTEL, MIKE, BE</p> <p>[72] ASPHOLM, MARINA, NO</p> <p>[72] PRADHAN, BRAJABANDHU, BE</p> <p>[71] VIB VZW, BE</p> <p>[71] VRIJE UNIVERSITEIT BRUSSEL, BE</p> <p>[71] NORWEGIAN UNIVERSITY OF LIFE SCIENCES, NO</p> <p>[85] 2023-01-19</p> <p>[86] 2021-08-06 (PCT/EP2021/072085)</p> <p>[87] (WO2022/029325)</p> <p>[30] EP (20189961.4) 2020-08-07</p>
--

<p>[21] 3,189,753 [13] A1</p> <p>[51] Int.Cl. A61K 8/06 (2006.01) A61K 8/73 (2006.01) A61Q 5/02 (2006.01) A61Q 5/10 (2006.01) A61Q 5/12 (2006.01)</p> <p>[25] EN</p> <p>[54] COSMETIC FORMULATIONS FOR HAIR TREATMENT WITH IMPROVED PROPERTIES</p> <p>[54] FORMULATIONS COSMETIQUES POUR LE TRAITEMENT CAPILLAIRE AYANT DES PROPRIETES AMELIOREES</p> <p>[72] GOI, PAOLO, IT</p> <p>[72] NICOLI, MARGHERITA, IT</p> <p>[72] CACCIA, TERESA, IT</p> <p>[72] GALLO, MICHELA, IT</p> <p>[72] DE CARNE, BEATRICE, IT</p> <p>[71] DAVINES S.P.A., IT</p> <p>[85] 2023-01-17</p> <p>[86] 2021-07-14 (PCT/IT2021/050218)</p> <p>[87] (WO2022/013900)</p> <p>[30] IT (102020000017485) 2020-07-17</p>

<p>[21] 3,189,755 [13] A1</p> <p>[51] Int.Cl. A61K 31/7088 (2006.01) A61P 17/00 (2006.01) A61P 19/00 (2006.01) A61P 27/00 (2006.01) A61P 37/02 (2006.01) C07K 16/40 (2006.01) C12N 9/48 (2006.01)</p> <p>[25] EN</p> <p>[54] MODULATION OF ENDOPLASMIC RETICULUM AMINOPEPTIDASE 2 (ERAP2)-MEDIATED IMMUNE RESPONSE</p> <p>[54] MODULATION DE LA REPONSE IMMUNITAIRE A MEDIATION PAR L'AMINOPEPTIDASE 2 DU RETICULUM ENDOPLASMIQUE (ERAP2)</p> <p>[72] GELFMAN, SAHAR, US</p> <p>[72] LIGOCKI, ANN, US</p> <p>[72] COPPOLA, GIOVANNI, US</p> <p>[72] BARAS, ARIS, US</p> <p>[72] MOSCATI, ARDEN, US</p> <p>[72] STAHL, ELI A., US</p> <p>[72] KOSMICKI, JACK A., US</p> <p>[72] FERREIRA, MANUEL ALLEN REVEZ, US</p> <p>[72] ROMANO, CARMELO, US</p> <p>[71] REGENERON PHARMACEUTICALS, INC., US</p> <p>[85] 2023-01-19</p> <p>[86] 2021-07-23 (PCT/US2021/043062)</p> <p>[87] (WO2022/026336)</p> <p>[30] US (63/056,562) 2020-07-25</p> <p>[30] US (63/171,672) 2021-04-07</p>

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 3,189,757 [13] A1</p> <p>[51] Int.Cl. G01M 3/40 (2006.01) G06F 21/86 (2013.01) G01N 33/208 (2019.01) G01M 5/00 (2006.01) G01N 17/00 (2006.01) G01N 27/02 (2006.01) G01N 27/20 (2006.01) G01N 27/24 (2006.01) G01N 33/32 (2006.01)</p> <p>[25] EN</p> <p>[54] A COATED STRUCTURE WITH A MONITORING SYSTEM AND A METHOD FOR MONITORING CRACKING OF A COATED STRUCTURE</p> <p>[54] STRUCTURE REVETUE AYANT UN SYSTEME DE SURVEILLANCE ET PROCEDE DE SURVEILLANCE DE FISSURES D'UNE STRUCTURE REVETUE</p> <p>[72] VERDINGOVAS, VADIMAS, DK</p> <p>[72] BARGALLO, JOSEP PALASI, DK</p> <p>[72] NIELSEN, STEFAN URTH, DK</p> <p>[71] HEMPEL A/S, DK</p> <p>[85] 2023-01-19</p> <p>[86] 2021-08-31 (PCT/EP2021/073947)</p> <p>[87] (WO2022/043569)</p> <p>[30] DK (PA 2020 70563) 2020-08-31</p>	<p style="text-align: right;">[21] 3,189,759 [13] A1</p> <p>[51] Int.Cl. G01H 1/00 (2006.01) G01H 3/10 (2006.01)</p> <p>[25] FR</p> <p>[54] METHOD FOR MONITORING VIBRATIONS</p> <p>[54] PROCEDE DE SURVEILLANCE DE VIBRATIONS</p> <p>[72] LABOUREAU, SEBASTIEN, FR</p> <p>[72] MAREUGE, LAURENT, FR</p> <p>[71] COM'IN, FR</p> <p>[85] 2023-01-20</p> <p>[86] 2021-07-28 (PCT/FR2021/051413)</p> <p>[87] (WO2022/023673)</p> <p>[30] FR (FR 2008187) 2020-07-31</p>	<p style="text-align: right;">[21] 3,189,763 [13] A1</p> <p>[51] Int.Cl. E04B 1/68 (2006.01) E04B 2/74 (2006.01) E04B 1/94 (2006.01)</p> <p>[25] EN</p> <p>[54] SEALING DEVICE FOR THE EDGE JOINT OF DRYWALL, DRYWALL, AS WELL AS A METHOD FOR PRODUCING DRYWALL</p> <p>[54] DISPOSITIF D'ETANCHEITE POUR JOINT PERIPHERIQUE DE CLOISON SECHE, CLOISON SECHE, ET PROCEDE DE PRODUCTION DE CLOISON SECHE</p> <p>[72] FORG, CHRISTIAN, DE</p> <p>[72] KLEIN, MANFRED, DE</p> <p>[71] HILTI AKTIENGESELLSCHAFT, LI</p> <p>[85] 2023-01-20</p> <p>[86] 2021-08-20 (PCT/EP2021/073161)</p> <p>[87] (WO2022/043219)</p> <p>[30] EP (20192386.9) 2020-08-24</p>
<p style="text-align: right;">[21] 3,189,758 [13] A1</p> <p>[51] Int.Cl. A61B 17/70 (2006.01) A61B 17/84 (2006.01) A61B 17/88 (2006.01)</p> <p>[25] EN</p> <p>[54] EXPANDABLE IMPLANT, IMPLANT SYSTEM, KIT OF PARTS FOR ASSEMBLING AN EXPANDABLE IMPLANT, AND METHOD OF PLACING AN IMPLANT IN A BONE</p> <p>[54] IMPLANT EXPANSIBLE, SYSTEME D'IMPLANT, KIT DE PIECES POUR L'ASSEMBLAGE D'UN IMPLANT EXPANSIBLE, ET PROCEDE DE MISE EN PLACE D'UN IMPLANT DANS UN OS</p> <p>[72] AHMADI, SEYED MOHAMMAD, NL</p> <p>[72] SAJADI, BANAFSHEH, NL</p> <p>[72] AARTS, SANNE, NL</p> <p>[71] AM SOLUTIONS HOLDING B.V., NL</p> <p>[85] 2023-01-18</p> <p>[86] 2021-07-15 (PCT/NL2021/050446)</p> <p>[87] (WO2022/025759)</p> <p>[30] NL (2026145) 2020-07-27</p>	<p style="text-align: right;">[21] 3,189,760 [13] A1</p> <p>[51] Int.Cl. B32B 27/40 (2006.01) B41M 5/52 (2006.01)</p> <p>[25] EN</p> <p>[54] FILM FOR LATEX INK</p> <p>[54] FILM POUR ENCRE AU LATEX</p> <p>[72] SUZUKI, NANA, JP</p> <p>[72] TSUKADA, RITSUKO, JP</p> <p>[71] LINTEC CORPORATION, JP</p> <p>[85] 2023-01-17</p> <p>[86] 2020-07-20 (PCT/JP2020/028141)</p> <p>[87] (WO2022/018807)</p>	<p style="text-align: right;">[21] 3,189,764 [13] A1</p> <p>[51] Int.Cl. E04B 1/68 (2006.01) E04B 2/74 (2006.01) E04B 1/94 (2006.01)</p> <p>[25] EN</p> <p>[54] SEALING DEVICE FOR EDGE JOINTS AND DRYWALL</p> <p>[54] DISPOSITIF D'ETANCHEITE DESTINE A UN ESPACE DE BORD, ET CLOISON SECHE</p> <p>[72] FORG, CHRISTIAN, DE</p> <p>[71] HILTI AKTIENGESELLSCHAFT, LI</p> <p>[85] 2023-01-20</p> <p>[86] 2021-08-20 (PCT/EP2021/073160)</p> <p>[87] (WO2022/043218)</p> <p>[30] EP (20192384.4) 2020-08-24</p>
<p style="text-align: right;">[21] 3,189,761 [13] A1</p> <p>[51] Int.Cl. A61K 47/65 (2017.01) C07K 5/062 (2006.01) C07K 5/065 (2006.01) C07K 5/093 (2006.01)</p> <p>[25] EN</p> <p>[54] PEPTIDE-BASED LINKERS</p> <p>[54] LIEURS A BASE DE PEPTIDES</p> <p>[72] MUDD, GEMMA, GB</p> <p>[72] McDONNELL, KEVIN, GB</p> <p>[72] BESWICK, PAUL, GB</p> <p>[71] BICYCLETX LIMITED, GB</p> <p>[85] 2023-01-19</p> <p>[86] 2021-08-03 (PCT/GB2021/052001)</p> <p>[87] (WO2022/029420)</p> <p>[30] US (63/060,344) 2020-08-03</p>		

PCT Applications Entering the National Phase

[21] 3,189,765

[13] A1

- [51] Int.Cl. A61B 17/00 (2006.01) A61B 90/00 (2016.01) A61B 17/34 (2006.01) A61B 18/00 (2006.01) A61B 18/14 (2006.01) A61M 25/09 (2006.01) A61M 29/00 (2006.01)
- [25] EN
- [54] HYBRID TRANSSEPTAL DILATOR AND METHODS OF USING THE SAME
- [54] DILATATEUR TRANSSEPTAL HYBRIDE ET SES PROCEDES D'UTILISATION
- [72] LEUNG, CHARLENE, CA
- [72] MOK, DANIEL WING FAI, CA
- [72] MORIYAMA, EDUARDO, CA
- [72] DAVIES, GARETH, CA
- [72] LOUGHEED, OLIVIA, CA
- [72] SULLIVAN, DERMOT, CA
- [72] LEUNG, LINUS, CA
- [72] BUDD, RYAN, CA
- [71] BOSTON SCIENTIFIC MEDICAL DEVICE LIMITED, IE
- [85] 2023-01-19
- [86] 2021-07-19 (PCT/IB2021/056514)
- [87] (WO2022/018617)
- [30] US (63/053,930) 2020-07-20
- [30] US (63/085,517) 2020-09-30
-

[21] 3,189,766

[13] A1

- [51] Int.Cl. E04B 1/68 (2006.01) E04B 2/74 (2006.01) E04B 1/94 (2006.01)
- [25] EN
- [54] SEALING PROFILE FOR EDGE JOINTS, DRYWALL, AND METHOD FOR FASTENING
- [54] PROFILE D'ETANCHEITE POUR JOINT DE BORD, CLOISON SECHE ET PROCEDE DE FIXATION
- [72] FORG, CHRISTIAN, DE
- [72] KLEIN, MANFRED, DE
- [71] HILTI AKTIENGESELLSCHAFT, LI
- [85] 2023-01-20
- [86] 2021-08-20 (PCT/EP2021/073156)
- [87] (WO2022/043216)
- [30] EP (20192383.6) 2020-08-24
-

[21] 3,189,767

[13] A1

- [51] Int.Cl. A01N 25/12 (2006.01) A01N 57/20 (2006.01) A01P 13/00 (2006.01) C07F 9/30 (2006.01)
- [25] EN
- [54] CRYSTALLINE FORM OF L-GLUFOSINATE AMMONIUM SALT AND PROCESS FOR PRODUCTION THEREOF
- [54] FORME CRISTALLINE DE SEL D'AMMONIUM DE L-GLUFOSINATE ET SON PROCEDE DE PRODUCTION
- [72] KINI, PRASHANT VASANT, IN
- [72] MUDALIAR, CHANDRASEKHAR DAYAL, IN
- [72] MISHRA, ASHISHKUMAR RAVINDRA, IN
- [72] SHELKE, SANTOSH GANPAT, IN
- [71] UPL LIMITED, IN
- [85] 2023-01-19
- [86] 2021-07-30 (PCT/IB2021/056951)
- [87] (WO2022/024052)
- [30] IN (202021033002) 2020-07-31
-

[21] 3,189,769

[13] A1

- [51] Int.Cl. C12Q 1/68 (2018.01) C40B 50/18 (2006.01)
- [25] EN
- [54] METHOD FOR LOADING NUCLEIC ACID MOLECULE ON SOLID SUPPORT
- [54] PROCEDE DE CHARGEMENT D'UNE MOLECULE D'ACIDE NUCLEIQUE SUR UN SUPPORT SOLIDE
- [72] SHAFTO, JAY, US
- [72] DRMANAC, RADOJE, US
- [72] DRMANAC, SNEZANA, US
- [72] XU, CHONGJUN, US
- [72] GONG, MEIHUA, CN
- [72] WANG, PING, CN
- [72] LONG, XIAOJUAN, CN
- [72] ZHAO, WEI, CN
- [72] LUO, HUAN, CN
- [72] JIANG, HUI, CN
- [72] LIU, JIAN, CN
- [71] MGI TECH CO., LTD., CN
- [85] 2023-01-18
- [86] 2020-07-29 (PCT/CN2020/105621)
- [87] (WO2022/021163)
-

[21] 3,189,770

[13] A1

- [51] Int.Cl. A61F 2/66 (2006.01)
- [25] EN
- [54] MOUNTING BRACKET FOR CONNECTING A PROSTHETIC LIMB TO A PROSTHETIC FOOT
- [54] SUPPORT DE MONTAGE POUR RELIER UN MEMBRE PROTHETIQUE A UN PIED PROTHETIQUE
- [72] PARKER, GENE, US
- [72] SCOTT, JAMES, US
- [72] WERNER, BRIAN, US
- [72] SMITH, KEITH B., US
- [72] NIXON, KODI, US
- [71] PROTEOR USA, LLC, US
- [85] 2023-01-19
- [86] 2021-06-18 (PCT/US2021/038020)
- [87] (WO2022/060450)
- [30] US (63/078,748) 2020-09-15
- [30] US (63/137,970) 2021-01-15
-

[21] 3,189,771

[13] A1

- [51] Int.Cl. A61K 31/437 (2006.01) A61K 31/444 (2006.01) A61P 7/02 (2006.01) A61P 29/00 (2006.01) C07D 471/04 (2006.01)
- [25] EN
- [54] COMPOUNDS USEFUL AS FACTOR XIA INHIBITORS
- [54] COMPOSES UTILES EN TANT QU'INHIBITEURS DU FACTEUR XIA
- [72] XU, GUOZHANG, US
- [72] MACIELAG, MARK J., US
- [72] LIU, ZHIJIE, US
- [72] THIEU, THO V., US
- [72] NARGUND, RAVI, US
- [71] JANSSEN PHARMACEUTICA NV, BE
- [85] 2023-01-20
- [86] 2021-07-21 (PCT/EP2021/070430)
- [87] (WO2022/018156)
- [30] US (63/054,826) 2020-07-22

Demandes PCT entrant en phase nationale

<p>[21] 3,189,773 [13] A1</p> <p>[51] Int.Cl. A41D 1/08 (2018.01) A41D 31/00 (2019.01)</p> <p>[25] EN</p> <p>[54] ENVIRONMENTALLY FRIENDLY AND FUNCTIONAL MARTIAL ARTS GARMENT AND FABRICS</p> <p>[54] VETEMENT ET TISSUS FONCTIONNELS RESPECTUEUX DE L'ENVIRONNEMENT POUR LES ARTS MARTIAUX</p> <p>[72] YDERSTROM, FREDRIK, SE</p> <p>[71] YDER SPORTS AB, SE</p> <p>[85] 2023-01-20</p> <p>[86] 2021-07-21 (PCT/EP2021/070391)</p> <p>[87] (WO2022/018138)</p> <p>[30] EP (20187008.6) 2020-07-21</p> <p>[30] SE (2050916-2) 2020-07-21</p>
--

<p>[21] 3,189,774 [13] A1</p> <p>[51] Int.Cl. A01K 67/027 (2006.01) C12N 15/877 (2010.01) A01K 67/00 (2006.01) A01K 67/02 (2006.01) A61D 19/04 (2006.01) C12N 5/02 (2006.01) C12N 15/00 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS FOR GENERATING, EVALUATING, GENE EDITING AND CLONING PLURIPOTENT STEM CELLS COMPRISING A LETHAL HAPLOTYPE</p> <p>[54] METHODES DE GENERATION, D'EVALUATION, D'EDITION DE GENE ET DE CLONAGE DE CELLULES SOUCHES PLURIPOTENTES COMPRENANT UN HAPLOTYPE LETALE</p> <p>[72] KENDALL, DAVID, US</p> <p>[72] MORENO, DIEGO, US</p> <p>[71] INGURAN, LLC, US</p> <p>[85] 2023-01-19</p> <p>[86] 2021-07-22 (PCT/US2021/042790)</p> <p>[87] (WO2022/020601)</p> <p>[30] US (63/056,386) 2020-07-24</p>

<p>[21] 3,189,776 [13] A1</p> <p>[51] Int.Cl. C11D 17/06 (2006.01) B29C 44/00 (2006.01) B29C 44/24 (2006.01) C09D 1/00 (2006.01) C11D 3/37 (2006.01) C11D 3/50 (2006.01)</p> <p>[25] EN</p> <p>[54] FLEXIBLE, POROUS, DISSOLVABLE SOLID SHEET ARTICLE CONTAINING DIRECT-ADDED MICROCAPSULES AND PROCESS FOR MAKING SAME</p> <p>[54] ARTICLE EN FEUILLE SOLIDE, SOUPLE, POREUX, SOLUBLE, CONTENANT DES MICROCAPSULES DIRECTEMENT AJOUTEES ET SON PROCEDE DE FABRICATION</p> <p>[72] XU, DAN, CN</p> <p>[72] MAC NAMARA, CARL DAVID, CN</p> <p>[72] TIAN, XIAO, CN</p> <p>[72] TAN, HONGSING, CN</p> <p>[72] GLENN, ROBERT WAYNE, JR., SG</p> <p>[71] THE PROCTER & GAMBLE COMPANY, US</p> <p>[85] 2023-01-18</p> <p>[86] 2021-04-16 (PCT/CN2021/087782)</p> <p>[87] (WO2022/037093)</p> <p>[30] CN (PCT/CN2020/109963) 2020-08-19</p>

<p>[21] 3,189,777 [13] A1</p> <p>[51] Int.Cl. B32B 17/10 (2006.01) B32B 27/08 (2006.01) B32B 27/18 (2006.01) B32B 27/40 (2006.01)</p> <p>[25] EN</p> <p>[54] LAMINATES WITH OPTICAL LAYERS OR MATERIALS</p> <p>[54] STRATIFIES A COUCHES OU MATERIAUX OPTIQUES</p> <p>[72] BURKE, THOMAS, US</p> <p>[71] SWM LUXEMBOURG, LU</p> <p>[85] 2023-01-19</p> <p>[86] 2021-07-02 (PCT/US2021/040300)</p> <p>[87] (WO2022/020087)</p> <p>[30] US (63/054,092) 2020-07-20</p>

<p>[21] 3,189,778 [13] A1</p> <p>[51] Int.Cl. C10C 3/00 (2006.01) C10C 3/02 (2006.01)</p> <p>[25] EN</p> <p>[54] PREPARATION OF BITUMEN-CONTAINING ROAD SURFACE MATERIAL</p> <p>[54] PREPARATION DE MATERIAU DE SURFACE DE ROULEMENT CONTENANT DU BITUME</p> <p>[72] ROSSIER, JOEL, CH</p> <p>[71] NEWROAD AG, CH</p> <p>[85] 2023-01-20</p> <p>[86] 2021-07-20 (PCT/EP2021/070281)</p> <p>[87] (WO2022/018089)</p> <p>[30] CH (00896/20) 2020-07-20</p> <p>[30] CH (00145/21) 2021-02-15</p>
--

<p>[21] 3,189,779 [13] A1</p> <p>[51] Int.Cl. C12N 15/82 (2006.01) C12Q 1/6895 (2018.01) A01H 1/04 (2006.01) C07K 14/415 (2006.01) C12Q 1/68 (2018.01)</p> <p>[25] EN</p> <p>[54] COMPOSITIONS AND METHODS FOR ENHANCING RESISTANCE TO NORTHERN LEAF BLIGHT IN MAIZE</p> <p>[54] COMPOSITIONS ET PROCEDES POUR AMELIORER LA RESISTANCE A L'HELMINTHOSPORIOSE DU MAIS</p> <p>[72] ABBITT, SHANE E., US</p> <p>[72] LI, BAILIN, US</p> <p>[72] LI, YURONG, US</p> <p>[72] THATCHER, SHAWN, US</p> <p>[71] E. I. DU PONT DE NEMOURS AND COMPANY, US</p> <p>[85] 2023-01-19</p> <p>[86] 2021-08-04 (PCT/US2021/044479)</p> <p>[87] (WO2022/035653)</p> <p>[30] US (63/063,578) 2020-08-10</p>
--

PCT Applications Entering the National Phase

[21] 3,189,780
[13] A1

- [51] Int.Cl. G06F 21/60 (2013.01) G06F 21/32 (2013.01) G06Q 20/40 (2012.01) G07F 19/00 (2006.01)
 - [25] EN
 - [54] FACIAL RECOGNITION TOKENIZATION
 - [54] SEGMENTATION EN UNITES LEXICALES DE RECONNAISSANCE FACIALE
 - [72] HASHEMI AMROABADI, SAYEDMASOUD, CA
 - [72] ORTIZ, EDISON U., CA
 - [72] JAFARZADEH, SARA ZAFAR, CA
 - [72] POURTABATABAIE, ARYA, CA
 - [72] SALTER, MARGARET INEZ, CA
 - [72] SRINIVASA, CHRISTOPHER COTE, CA
 - [72] VINTILA, IUSTINA-MIRUNA, CA
 - [71] ROYAL BANK OF CANADA, CA
 - [85] 2023-01-20
 - [86] 2021-07-21 (PCT/CA2021/051014)
 - [87] (WO2022/016278)
 - [30] US (63/054,630) 2020-07-21
 - [30] US (63/110,214) 2020-11-05
-

[21] 3,189,781
[13] A1

- [51] Int.Cl. A61J 1/10 (2006.01) A61J 1/14 (2006.01) A61J 1/16 (2006.01) A61J 1/20 (2006.01) A61J 1/22 (2006.01)
- [25] EN
- [54] FLUID TRANSFER DEVICES AND METHODS OF USE
- [54] DISPOSITIFS DE TRANSFERT DE FLUIDE ET PROCEDES D'UTILISATION
- [72] JANSEN, MATTHIAS, US
- [71] ICU MEDICAL, INC., US
- [85] 2023-01-19
- [86] 2021-07-15 (PCT/US2021/041891)
- [87] (WO2022/020184)
- [30] US (63/054,568) 2020-07-21

[21] 3,189,782
[13] A1

- [51] Int.Cl. G06Q 20/00 (2012.01)
 - [25] EN
 - [54] PEER-TO-PEER (P2P) PAYMENT WITH SECURITY PROTECTION FOR PAYEE
 - [54] PAIEMENT POSTE A POSTE (P2P) AVEC PROTECTION DE SECURITE POUR BENEFICIAIRE
 - [72] PATHURI, SAI, US
 - [72] FESEL, HARRISON, US
 - [72] NARASINGOLU, SREENIVASA CHANDRASEKHAR, US
 - [72] PINSKY, JUSTIN, US
 - [72] KRISHNAN, RAJEEV, US
 - [72] KUMAR, FNU SUSHIL, US
 - [71] CAPITAL ONE SERVICES, LLC, US
 - [85] 2023-01-19
 - [86] 2021-07-22 (PCT/US2021/042802)
 - [87] (WO2022/020608)
 - [30] US (16/938,434) 2020-07-24
-

[21] 3,189,783
[13] A1

- [51] Int.Cl. F21K 9/237 (2016.01) F21K 9/238 (2016.01) F21S 10/02 (2006.01)
- [25] EN
- [54] LIGHTING FIXTURE WITH PERIPHERAL LIGHT EMISSION FEATURE
- [54] APPAREIL D'ECLAIRAGE A ELEMENT D'EMISSION DE LUMIERE PERIPHERIQUE
- [72] SNELL, NATHAN R., US
- [72] BERNARD, RANDY, US
- [72] SCHREIB, KURT, US
- [72] ZHU, MOXUAN, US
- [72] WILCOX, KURT S., US
- [71] IDEAL INDUSTRIES LIGHTING LLC, US
- [85] 2023-01-20
- [86] 2021-07-22 (PCT/US2021/042743)
- [87] (WO2022/020571)
- [30] US (63/055,847) 2020-07-23
- [30] US (63/055,895) 2020-07-23

[21] 3,189,784
[13] A1

- [51] Int.Cl. G06N 3/08 (2023.01) G16H 50/70 (2018.01) A61B 5/00 (2006.01) G06N 3/02 (2006.01)
 - [25] EN
 - [54] LEARNING REPRESENTATIONS OF EEG SIGNALS WITH SELF-SUPERVISED LEARNING
 - [54] REPRESENTATIONS D'APPRENTISSAGE DE SIGNAUX D'EEG AVEC APPRENTISSAGE AUTOSUPERVISE
 - [72] AIMONE, CHRISTOPHER ALLEN, CA
 - [72] JACOB BANVILLE, HUBERT, CA
 - [72] WOOD, SEAN ULRICH NIETHE, CA
 - [71] INTERAXON INC., CA
 - [85] 2023-01-20
 - [86] 2021-07-30 (PCT/CA2021/051079)
 - [87] (WO2022/020968)
 - [30] US (63/058,793) 2020-07-30
-

[21] 3,189,785
[13] A1

- [51] Int.Cl. A61L 2/10 (2006.01) A61L 9/20 (2006.01) C02F 1/32 (2006.01)
- [25] EN
- [54] UVC IRRADIATION TREATMENT CONTAINER
- [54] RECIPIENT DE TRAITEMENT PAR RAYONNEMENT UVC
- [72] OYAMA, NOBUO, JP
- [71] OYAMA, NOBUO, JP
- [85] 2022-12-28
- [86] 2021-06-30 (PCT/JP2021/025705)
- [87] (WO2022/004899)
- [30] JP (2020-125801) 2020-07-01

Demandes PCT entrant en phase nationale

[21] 3,189,786 [13] A1
[51] Int.Cl. E21B 33/035 (2006.01) E21B 34/06 (2006.01) E21B 34/16 (2006.01) E21B 47/12 (2012.01)
[25] EN
[54] FAULT DETECTION METHOD AND SYSTEM FOR A SUBSEA ELECTRICAL LINE
[54] PROCEDE ET SYSTEME DE DETECTION DE DEFAUTS POUR UNE LIGNE ELECTRIQUE SOUS-MARINE
[72] KLEINE, ULRICH, DE
[72] BOHLE, KENNY, DE
[72] SOMMER, BURKHARD, US
[72] HOLKENBRINK, WOLFGANG, DE
[72] MARWEDEL, THOMAS, DE
[72] WIERSE, RALF, DE
[71] ONESUBSEA IP UK LIMITED, GB
[85] 2023-01-20
[86] 2021-07-20 (PCT/US2021/042336)
[87] (WO2022/020328)
[30] US (63/053,943) 2020-07-20

[21] 3,189,787 [13] A1
[51] Int.Cl. H04W 4/06 (2009.01)
[25] EN
[54] GROUP ADDRESSED TRAFFIC TRANSMISSION METHOD APPLICABLE TO PLURALITY OF LINKS AND APPARATUS
[54] PROCEDE ET DISPOSITIF DE TRANSMISSION DE SERVICE DE MULTIDIFFUSION APPLIQUES A DE MULTIPLES LIAISONS
[72] GAN, MING, CN
[72] HUANG, GUOGANG, CN
[72] LI, YIQING, CN
[72] YANG, XUN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2023-01-18
[86] 2021-07-22 (PCT/CN2021/107959)
[87] (WO2022/022390)
[30] CN (202010734790.1) 2020-07-27
[30] CN (202011334640.8) 2020-11-24
[30] CN (202110431312.8) 2021-04-21

[21] 3,189,788 [13] A1
[51] Int.Cl. F24T 10/20 (2018.01) F24T 50/00 (2018.01) E21B 33/138 (2006.01) E21B 43/30 (2006.01)
[25] EN
[54] CONSTRUCTION AND OPERATION OF CONDUCTIVE AND CONVECTIVE GEOTHERMAL WELLS
[54] CONSTRUCTION ET FONCTIONNEMENT DE PUITS GEOTHERMIQUES CONDUCTIFS ET CONVECTIFS
[72] TOEWS, MATTHEW, CA
[72] CAIRNS, PAUL, CA
[71] EAVOR TECHNOLOGIES INC., CA
[85] 2023-01-20
[86] 2021-07-21 (PCT/IB2021/056613)
[87] (WO2022/018674)
[30] US (63/054,385) 2020-07-21

[21] 3,189,790 [13] A1
[51] Int.Cl. B65D 5/02 (2006.01) B65D 5/66 (2006.01)
[25] EN
[54] CHILD-PROOF CONTAINER, PROCESS FOR MAKING THE SAME AND METHOD FOR OPENING SAID CONTAINER
[54] RECIPIENT A L'EPREUVE DES ENFANTS, PROCESSUS DE FABRICATION D'UN TEL RECIPIENT ET PROCEDE D'OUVERTURE DUDIT RECIPIENT
[72] BRESSAN, MICHEL, IT
[72] BRESSAN, ALESSIO, IT
[72] GANDOLLA, ALBERTO, IT
[71] I.G.B. S.R.L., IT
[85] 2023-01-20
[86] 2021-08-02 (PCT/IB2021/057047)
[87] (WO2022/043794)
[30] IT (102020000020419) 2020-08-25
[30] IT (102021000002054) 2021-02-01

[21] 3,189,791 [13] A1
[51] Int.Cl. H04W 36/00 (2009.01)
[25] EN
[54] COMMUNICATION METHOD APPLIED TO INTEGRATED ACCESS AND BACKHAUL IAB SYSTEM AND COMMUNICATION APPARATUS
[54] PROCEDE DE COMMUNICATION ET APPAREIL DE COMMUNICATION POUR UN SYSTEME D'ACCES ET DE LIAISON TERRESTRE INTEGRE (IAB)
[72] ZHU, YUANPING, CN
[72] LIU, JING, CN
[72] LUO, HAIYAN, CN
[72] SHI, YULONG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2023-01-20
[86] 2020-07-23 (PCT/CN2020/103893)
[87] (WO2022/016473)

[21] 3,189,791 [13] A1
[51] Int.Cl. A47G 19/22 (2006.01) B65D 47/28 (2006.01) B65D 47/32 (2006.01)
[25] EN
[54] CLOSURE AND LID AND METHOD OF FORMING CLOSURE AND LID
[54] FERMETURE ET COUVERCLE ET PROCEDE DE FORMATION DE FERMETURE ET DE COUVERCLE
[72] JINKINS, CODY, US
[72] BONDHUS, ANDY, US
[72] RANE, MARK CARLSON, US
[72] BULLOCK, DUSTIN, US
[72] FRITZ, JOHN, US
[72] DRINKWATER, WILLIAM, US
[72] BRYSON, MATTHEW, US
[72] RUCHTE, ELIZABETH, US
[71] YETI COOLERS, LLC, US
[85] 2023-01-20
[86] 2021-04-30 (PCT/US2021/030256)
[87] (WO2022/031331)
[30] US (16/988,301) 2020-08-07
[30] US (63/125,835) 2020-12-15

PCT Applications Entering the National Phase

[21] 3,189,792

[13] A1

- [51] Int.Cl. B63H 5/16 (2006.01) B64C 21/02 (2006.01) B64C 21/08 (2023.01) B64C 23/06 (2006.01) B64C 29/00 (2006.01) F15D 1/00 (2006.01) F16L 55/027 (2006.01)
- [25] EN
- [54] AN ARRANGEMENT FOR INFLUENCING LIQUID FLOW AND A METHOD
- [54] AGENCEMENT POUR INFLUENCER UN ECOULEMENT DE LIQUIDE ET PROCEDE
- [72] SHI, WEICHAO, GB
- [72] ATLAR, MEHMET, GB
- [72] STARK, CALLUM, GB
- [72] THOMPSON, MATTHEW, GB
- [72] TROLL, MORITZ, GB
- [72] SWEET, LEON MALCOLM, GB
- [71] BAE SYSTEMS PLC, GB
- [85] 2023-01-18
- [86] 2021-07-19 (PCT/GB2021/051843)
- [87] (WO2022/018415)
- [30] GB (2011398.1) 2020-07-23
- [30] EP (20275124.4) 2020-07-23

[21] 3,189,793

[13] A1

- [51] Int.Cl. A24F 40/465 (2020.01)
- [25] EN
- [54] HEATING ELEMENT AND AEROSOL-GENERATION DEVICE
- [54] ELEMENT CHAUFFANT ET DISPOSITIF DE GENERATION D'AEROSOL
- [72] ZHOU, HONGMING, CN
- [72] LIU, TAOWEN, CN
- [72] LIANG, FENG, CN
- [72] XIAO, JUNJIE, CN
- [72] CHEN, HUA, CN
- [72] JIANG, LUSHENG, CN
- [71] SHENZHEN SMOORE TECHNOLOGY LIMITED, CN
- [85] 2023-01-20
- [86] 2021-07-05 (PCT/CN2021/104469)
- [87] (WO2022/017162)
- [30] CN (202010697177.7) 2020-07-20

[21] 3,189,794

[13] A1

- [51] Int.Cl. C09F 1/00 (2006.01) C09F 1/04 (2006.01)
- [25] EN
- [54] SURFACTANT, DISPERSION AND ADHESIVE COMPOSITION
- [54] TENSIOACTIF, DISPERSION ET COMPOSITION ADHESIVE
- [72] HAZEN, JOHN, NL
- [71] LAWTER, INC., US
- [85] 2023-01-20
- [86] 2021-06-03 (PCT/US2021/035648)
- [87] (WO2022/026055)
- [30] EP (20187854.3) 2020-07-27

[21] 3,189,795

[13] A1

- [51] Int.Cl. A61N 1/00 (2006.01) A61N 1/04 (2006.01) A61N 1/36 (2006.01)
- [25] EN
- [54] TRANSCRANIAL ALTERNATING CURRENT DYNAMIC FREQUENCY STIMULATION (TACS) SYSTEM AND METHOD FOR ALZHEIMERS AND DEMENTIA
- [54] SYSTEME DE STIMULATION DE FREQUENCE DYNAMIQUE DE COURANT ALTERNATIF TRANSCRANIER (TACS) ET PROCEDE POUR LA MALADIE D'ALZHEIMER ET LA DEMENCE
- [72] CLAUDE, JOHN PATRICK, US
- [71] NEXALIN TECHNOLOGY, INC., US
- [85] 2023-01-20
- [86] 2021-06-18 (PCT/US2021/038084)
- [87] (WO2022/020045)
- [30] US (63/054,964) 2020-07-22
- [30] US (63/061,225) 2020-08-05
- [30] US (17/116,233) 2020-12-09

[21] 3,189,797

[13] A1

- [51] Int.Cl. B65D 1/24 (2006.01) B65D 43/02 (2006.01) B65D 55/12 (2006.01)
- [25] EN
- [54] LID FOR CLOSING A CONTAINER AND SYSTEM COMPRISING A CONTAINER AND A LID
- [54] COUVERCLE POUR FERMER UN RECIPIENT ET SYSTEME COMPRENANT UN RECIPIENT ET UN COUVERCLE
- [72] HIRZ, DIETHELM, DE
- [71] SSI SCHAFER PLASTICS GMBH, DE
- [85] 2023-01-20
- [86] 2021-07-12 (PCT/EP2021/069290)
- [87] (WO2022/017847)
- [30] DE (10 2020 119 257.6) 2020-07-21

[21] 3,189,798

[13] A1

- [51] Int.Cl. B60R 25/10 (2013.01) H04W 12/12 (2021.01) B60R 25/32 (2013.01) H04W 4/38 (2018.01) H04W 4/44 (2018.01)
- [25] EN
- [54] UNAUTHORIZED ACCESS DETECTION
- [54] DETECTION D'ACCES NON AUTORISE
- [72] EMAD, ISAAC S., US
- [71] ALLSTATE INSURANCE COMPANY, US
- [85] 2023-01-20
- [86] 2021-07-02 (PCT/US2021/040259)
- [87] (WO2022/020086)
- [30] US (16/937,006) 2020-07-23

Demandes PCT entrant en phase nationale

[21] 3,189,799

[13] A1

- [51] Int.Cl. A61M 5/145 (2006.01) A61M 5/148 (2006.01) A61M 5/155 (2006.01) A61M 5/20 (2006.01) A61M 11/02 (2006.01) B05B 7/24 (2006.01)
 - [25] EN
 - [54] FLUID PRESSURE INDICATORS FOR MEDICAL DEVICES
 - [54] INDICATEURS DE PRESSION DE FLUIDE POUR DISPOSITIFS MEDICAUX
 - [72] EVERS, RYAN, US
 - [72] PIC, ANDREW, US
 - [72] MURRAY, COLLIN, US
 - [72] JAGELSKI, MATTHEW R., US
 - [72] CONGDON, DANIEL, US
 - [71] BOSTON SCIENTIFIC SCIMED, INC., US
 - [85] 2023-01-19
 - [86] 2021-09-20 (PCT/US2021/051056)
 - [87] (WO2022/061219)
 - [30] US (63/081,078) 2020-09-21
-

[21] 3,189,800

[13] A1

- [51] Int.Cl. A61N 1/37 (2006.01)
- [25] EN
- [54] ALGORITHMIC TECHNIQUES FOR DEDUCTION OF FUNCTIONAL CHARACTERISTICS OF CARDIAC TISSUE IN CARDIAC ELECTRICAL FIBRILLATION
- [54] TECHNIQUES ALGORITHMIQUES POUR LA DEDUCTION DE CARACTERISTIQUES FONCTIONNELLES DE TISSUS CARDIAQUES AU COURS D'UNE FIBRILLATION ELECTRIQUE CARDIAQUE
- [72] SPECTOR, PETER S., US
- [72] KALIL, SARAH, US
- [72] KLEBANOV, DANIEL, US
- [71] COREMAP, INC., US
- [85] 2023-01-20
- [86] 2021-07-19 (PCT/US2021/042192)
- [87] (WO2022/020241)
- [30] US (63/054,014) 2020-07-20

[21] 3,189,801

[13] A1

- [51] Int.Cl. C12N 9/24 (2006.01) A61K 38/47 (2006.01)
 - [25] EN
 - [54] POLYPEPTIDE
 - [54] POLYPEPTIDE
 - [72] COMPER, FABRIZIO, GB
 - [72] NATHWANI, AMIT, GB
 - [72] MCINTOSH, JENNY, GB
 - [72] CORBAU, ROMUALD, GB
 - [72] KIA, AZADEH, GB
 - [72] MIRANDA, CARLOS, GB
 - [71] FREELINE THERAPEUTICS LIMITED, GB
 - [85] 2023-01-20
 - [86] 2021-07-29 (PCT/GB2021/051969)
 - [87] (WO2022/023761)
 - [30] GB (2011813.9) 2020-07-29
 - [30] GB (2100648.1) 2021-01-18
 - [30] GB (2105924.1) 2021-04-26
-

[21] 3,189,802

[13] A1

- [51] Int.Cl. A61K 31/352 (2006.01) A61P 31/12 (2006.01) C07K 14/165 (2006.01) C07K 14/555 (2006.01)
 - [25] EN
 - [54] INTERACTION OF SARS-COV-2 PROTEINS WITH MOLECULAR AND CELLULAR MECHANISMS OF HOST CELLS AND FORMULATIONS TO TREAT COVID-19.
 - [54] INTERACTION DE PROTEINES DU SARS-COV-2 AVEC DES MECANISMES MOLECULAIRES ET CELLULAIRES DE CELLULES HOTES ET FORMULATIONS POUR TRAITER LA COVID-19
 - [72] MERCHANT, SHREEMA, CA
 - [72] PATEL, MANIT, CA
 - [72] DUNCAN, ROBIN ELAINE, CA
 - [72] FERNANDES, MARIA FERNANDA DE ANDRADE, CA
 - [72] DR. JADHAV, VISHAL ANANT, IN
 - [71] AKSEERA PHARMA CORP., CA
 - [71] MERCHANT, SHREEMA, CA
 - [71] PATEL, MANIT, CA
 - [85] 2023-01-18
 - [86] 2021-07-19 (PCT/IN2021/050699)
 - [87] (WO2022/018754)
 - [30] IN (202021030633) 2020-07-18
 - [30] IN (202021054151) 2020-12-12
 - [30] IN (PCT/IN2021/050325) 2021-03-30
-

[21] 3,189,803

[13] A1

- [51] Int.Cl. G08B 19/00 (2006.01) H04W 4/021 (2018.01) G08B 25/10 (2006.01)
 - [25] EN
 - [54] PROPERTY MONITORING AND MANAGEMENT USING A DRONE
 - [54] SURVEILLANCE ET GESTION DE PROPRIETES A L'AIDE D'UN DRONE
 - [72] MADDEN, DONALD GERARD, US
 - [72] SHAYNE, ETHAN, US
 - [72] REZVANI, BABAK, US
 - [72] SEYFI, AHMAD, US
 - [72] TOURNIER, GLENN, US
 - [71] ALARM.COM INCORPORATED, US
 - [85] 2023-01-20
 - [86] 2021-07-21 (PCT/US2021/042516)
 - [87] (WO2022/020432)
 - [30] US (63/054,486) 2020-07-21
-

[21] 3,189,804

[13] A1

- [51] Int.Cl. C08K 3/22 (2006.01) C08K 5/09 (2006.01) C08K 5/095 (2006.01) C08K 5/42 (2006.01) C08K 5/5317 (2006.01) C08L 83/04 (2006.01) C09K 5/14 (2006.01)
 - [25] EN
 - [54] LOW VISCOSITY THERMALLY CONDUCTIVE PASTE
 - [54] PATE THERMOCONDUCTRICE A FAIBLE VISCOSITE
 - [72] AHEARN, MATTHEW, US
 - [72] KONG, STANLEY SHENGQIAN, US
 - [71] HENKEL AG & CO. KGAA, DE
 - [85] 2023-01-19
 - [86] 2021-08-03 (PCT/US2021/071088)
 - [87] (WO2022/032277)
 - [30] US (63/060,179) 2020-08-03
-

[21] 3,189,806

[13] A1

- [51] Int.Cl. A01G 9/14 (2006.01) C08J 7/048 (2020.01)
- [25] EN
- [54] FILMS FOR AGRICULTURAL STRUCTURES
- [54] FILMS POUR STRUCTURES AGRICOLES
- [72] FRYDALI, MELANI A., GR
- [72] ANDROULAKI, KRYSTALENIA, GR
- [71] PLASTIKA KRITIS S.A., GR
- [85] 2023-01-20
- [86] 2021-07-27 (PCT/GR2021/000050)
- [87] (WO2022/023782)
- [30] EP (20386038.2) 2020-07-27

PCT Applications Entering the National Phase

[21] 3,189,807
[13] A1

- [51] Int.Cl. A61M 1/00 (2006.01) B09B
3/00 (2022.01) B65D 51/28 (2006.01)
B65D 81/32 (2006.01)
- [25] EN
- [54] COVERING ASSEMBLY WITH COAGULANT COMPARTMENT AND USES THEREOF IN A BLOOD MONITORING/MANAGEMENT SYSTEM
- [54] ENSEMBLE COUVERCLE AVEC COMPARTIMENT DE COAGULANT ET SES UTILISATIONS DANS UN SYSTEME DE SURVEILLANCE/GESTION DU SANG
- [72] CAREW, CHRISTOPHER A., US
[71] CAREW, CHRISTOPHER A., US
[85] 2023-01-20
[86] 2021-07-23 (PCT/US2021/043041)
[87] (WO2022/020761)
[30] US (63/055,577) 2020-07-23
[30] US (17/026,106) 2020-09-18

[21] 3,189,810
[13] A1

- [51] Int.Cl. H04W 4/46 (2018.01) H04W
28/02 (2009.01) H04W 52/24 (2009.01)
H04W 92/18 (2009.01) H04W 76/14
(2018.01)
- [25] EN
- [54] METHOD, COMMUNICATION APPARATUS, AND NON-TRANSITORY TANGIBLE COMPUTER-READABLE STORAGE MEDIUM
- [54] PROCEDE, DISPOSITIF DE COMMUNICATION ET SUPPORT D'ENREGISTREMENT SIGNIFICATIF NON TRANSITOIRE LISBLE PAR ORDINATEUR
- [72] KATO, HIROKO, JP
[72] SUZUKI, TADAO, JP
[71] DENSO CORPORATION, JP
[85] 2023-01-18
[86] 2020-07-30 (PCT/JP2020/029320)
[87] (WO2022/024320)

[21] 3,189,813
[13] A1

- [51] Int.Cl. D21C 9/00 (2006.01) D21H
11/18 (2006.01) D21H 17/00 (2006.01)
D21H 17/63 (2006.01) D21H 21/18
(2006.01) D21H 21/22 (2006.01) D21H 21/52 (2006.01)
D21H 23/10 (2006.01)
- [25] EN
- [54] FILLER COMPOSITIONS COMPRISING MICROFIBRILLATED CELLULOSE AND MICROPOROUS INORGANIC PARTICULATE MATERIAL COMPOSITES FOR PAPER AND PAPERBOARD APPLICATION WITH IMPROVED MECHANICAL PROPERTIES
- [54] COMPOSITIONS DE CHARGE COMPRENANT DE LA CELLULOSE MICROFIBRILLEE ET DES COMPOSITES DE MATERIAUX PARTICULAIRES INORGANIQUES MICROPOROEUX POUR APPLICATION DE PAPIER ET DE CARTON PRES ENTANT DES PROPRIETES MECANIQUES AMELIOREES
- [72] SKUSE, DAVID, GB
[72] PHIPPS, JONATHAN, GB
[72] REEVE-LARSON, THOMAS, GB
[71] FIBERLEAN TECHNOLOGIES LIMITED, GB
[85] 2023-01-20
[86] 2021-09-03 (PCT/IB2021/000613)
[87] (WO2022/053869)
[30] US (63/077,167) 2020-09-11

[21] 3,189,808
[13] A1

- [51] Int.Cl. D21C 9/00 (2006.01) D21H
11/18 (2006.01) D21H 17/00 (2006.01)
D21H 17/63 (2006.01) D21H 21/18
(2006.01)
- [25] EN
- [54] MICROFIBRILLATED CELLULOSE CONTAINING PULP SHEETS WITH IMPROVED MECHANICAL PROPERTIES
- [54] CELLULOSE MICROFIBRILLEE CONTENANT DES FEUILLES DE PATE A PAPIER AYANT DES PROPRIETES MECANIQUES AMELIOREES
- [72] REEVE-LARSON, THOMAS, GB
[72] WINDEBANK, MARK, GB
[72] INGLE, DANIEL, GB
[72] PARADIS, MARK, GB
[72] SKUSE, DAVID R., GB
[71] FIBERLEAN TECHNOLOGIES LIMITED, GB
[85] 2023-01-20
[86] 2021-09-08 (PCT/IB2021/000606)
[87] (WO2022/053865)
[30] US (63/076,998) 2020-09-11

Demandes PCT entrant en phase nationale

[21] 3,189,814

[13] A1

- [51] Int.Cl. A61K 47/58 (2017.01) C08F 20/56 (2006.01) G01N 30/06 (2006.01) G01N 30/88 (2006.01)
 - [25] EN
 - [54] METHOD FOR EVALUATING DEGREE OF PURITY OF PHARMACEUTICAL SUBSTANCE CONTAINED IN COMPOSITE BODY, AND METHOD FOR PRODUCING COMPOSITE BODY
 - [54] PROCEDE D'EVALUATION DU DEGRE DE PURETE D'UNE SUBSTANCE PHARMACEUTIQUE CONTENUE DANS UN CORPS COMPOSITE, ET PROCEDE DE PRODUCTION DE CORPS COMPOSITE
 - [72] OKANO, TSUBASA, JP
 - [72] UJIIE, SATOSHI, JP
 - [71] TORAY INDUSTRIES, INC., JP
 - [71] BIODYNAMIC RESEARCH FOUNDATION, JP
 - [85] 2023-01-18
 - [86] 2021-07-30 (PCT/JP2021/028274)
 - [87] (WO2022/025228)
 - [30] JP (2020-129825) 2020-07-31
-

[21] 3,189,815

[13] A1

- [51] Int.Cl. G06Q 30/02 (2023.01) G06F 21/60 (2013.01)
- [25] EN
- [54] CONSUMER ANALYSIS ENGINES
- [54] MOTEURS D'ANALYSE DE CONSOMMATEUR
- [72] CLAESSEN, SEAN, CA
- [72] SILVA, FRANCIS BERNARD, CA
- [71] BOND BRAND LOYALTY INC., CA
- [85] 2023-01-20
- [86] 2021-07-21 (PCT/IB2021/056606)
- [87] (WO2022/018668)
- [30] US (63/055,184) 2020-07-22

[21] 3,189,818

[13] A1

- [51] Int.Cl. A61K 35/28 (2015.01) A61P 31/12 (2006.01) A61P 31/14 (2006.01)
 - [25] EN
 - [54] METHODS AND COMPOSITIONS FOR TREATING LUNG CONDITIONS
 - [54] PROCEDES ET COMPOSITIONS POUR TRAITER DES AFFECTIONS PULMONAIRES
 - [72] LEBOVITS, CHAIM, IL
 - [72] ARICHA, REVITAL, IL
 - [72] LEVY, YOSSEF, IL
 - [72] KERN, RALPH, US
 - [72] KASPI, HAGGAI, IL
 - [72] SEMO, JONATHAN, IL
 - [71] BRAINSTORM CELL THERAPEUTICS LTD, IL
 - [85] 2023-01-20
 - [86] 2021-07-20 (PCT/IL2021/050885)
 - [87] (WO2022/018729)
 - [30] US (63/053,780) 2020-07-20
 - [30] US (63/133,350) 2021-01-03
-

[21] 3,189,821

[13] A1

- [51] Int.Cl. A61K 9/06 (2006.01) A61K 9/08 (2006.01) A61K 31/5513 (2006.01) A61P 27/02 (2006.01) A61P 27/06 (2006.01)
- [25] EN
- [54] AGENT FOR TREATING MYOPIA, PREVENTING MYOPIA AND/OR SUPPRESSING MYOPIA PROGRESSION
- [54] AGENT POUR TRAITER LA MYOPIE, PREVENTIR LA MYOPIE ET/OU ENTRAVER LA PROGRESSION DE LA MYOPIE
- [72] INABA, TAKAAKI, JP
- [72] KATO, MASATOMO, JP
- [71] SANTEN PHARMACEUTICAL CO., LTD., JP
- [71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
- [85] 2023-01-20
- [86] 2021-08-03 (PCT/JP2021/028770)
- [87] (WO2022/030489)
- [30] JP (2020-132626) 2020-08-04

[21] 3,189,824

[13] A1

- [51] Int.Cl. G06Q 10/08 (2023.01)
 - [25] EN
 - [54] SYSTEM AND METHOD FOR DETECTING A NUMBER OF ARTICLES IN A LOAD CARRIER
 - [54] SYSTEME ET PROCEDE DE DETECTION D'UN CERTAIN NOMBRE DE MARCHANDISES DANS UN PORTE-CHARGE
 - [72] MAHRINGER, THOMAS, AT
 - [71] TGW LOGISTICS GROUP GMBH, AT
 - [85] 2023-01-23
 - [86] 2021-07-26 (PCT/AT2021/060259)
 - [87] (WO2022/020870)
 - [30] AT (A 50639/2020) 2020-07-27
-

[21] 3,189,825

[13] A1

- [51] Int.Cl. A01N 63/20 (2020.01) C12N 1/20 (2006.01)
 - [25] EN
 - [54] BACTERIA-BASED BIO-STIMULANT FOR IMPROVED ADAPTATION OF PLANTS TO WATER AND OSMOTIC STRESSES
-

- [54] BIOSTIMULANT A BASE DE BACTERIES POUR UNE MEILLEURE ADAPTATION DES PLANTES AUX STRESS HYDRIQUE ET OSMOTIQUE
- [72] HAFIDI, MOHAMED, MA
- [72] KOUISNI, LAMFEDDAL, MA
- [72] NAFIS, AHMED, MA
- [72] OUHDOUCH, YEDIR, MA
- [71] OCP SA, MA
- [85] 2023-01-20
- [86] 2021-06-18 (PCT/MA2021/000012)
- [87] (WO2021/261984)
- [30] MA (50114) 2020-06-22

PCT Applications Entering the National Phase

[21] 3,189,833
[13] A1

- [51] Int.Cl. A61K 31/506 (2006.01) A61K 8/49 (2006.01) A61K 31/565 (2006.01) A61K 31/58 (2006.01) A61P 17/14 (2006.01) A61Q 5/00 (2006.01) A61Q 7/00 (2006.01)
 - [25] EN
 - [54] METHODS FOR TREATING HAIR LOSS AND COMPOSITIONS FOR SAME
 - [54] METHODES DE TRAITEMENT DE LA CHUTE DE CHEVEUX ET COMPOSITIONS ASSOCIEES
 - [72] BRICHTA, LARS, US
 - [71] CHEMISTRY RX, US
 - [85] 2022-11-04
 - [86] 2021-05-12 (PCT/US2021/070540)
 - [87] (WO2021/232055)
 - [30] US (63/023,275) 2020-05-12
-

[21] 3,189,834
[13] A1

- [51] Int.Cl. A61K 47/69 (2017.01) C12N 15/115 (2010.01) C12N 15/85 (2006.01)
- [25] EN
- [54] A THREE COMPONENT VACCINE FOR COVID-19
- [54] VACCIN A TROIS CONSTITUANTS CONTRE LA COVID-19
- [72] LEVY, RONALD, US
- [72] HAABETH, OLE AUDUN WERNER, US
- [72] SALLETS, ADRIENNE, US
- [72] BLAKE, TIMOTHY R., US
- [72] WENDER, PAUL, US
- [72] WAYMOUTH, ROBERT M., US
- [72] CZERWINSKI, DEBRA, US
- [72] SAGIV-BARFI, IDIT, US
- [72] LOHMEYER, JULIAN JOHANNES, US
- [71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
- [85] 2023-01-20
- [86] 2021-07-26 (PCT/US2021/043213)
- [87] (WO2022/020810)
- [30] US (63/056,465) 2020-07-24

[21] 3,189,836
[13] A1

- [51] Int.Cl. H01S 5/227 (2006.01) H01S 5/062 (2006.01) H01S 5/0687 (2006.01)
- [25] EN
- [54] NARROW LINEWIDTH LASER WITH FLAT FREQUENCY MODULATION RESPONSE
- [54] LASER A LARGEUR DE RAIE ETROITE A REPONSE DE MODULATION DE FREQUENCE PLATE
- [72] AYOTTE, SIMON, CA
- [72] MOHSIN, MUHAMMAD, CA
- [72] BEDARD, KEVEN, CA
- [72] MORIN, MICHEL, CA
- [72] PAKULSKI, GRZEGORZ, CA
- [72] RAHIM, MOHAMED, CA
- [71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
- [85] 2023-01-23
- [86] 2021-07-22 (PCT/CA2021/051015)
- [87] (WO2022/016279)
- [30] US (63/055,247) 2020-07-22

[21] 3,189,842
[13] A1

- [51] Int.Cl. B02C 13/28 (2006.01) B02C 13/282 (2006.01) B02C 13/286 (2006.01)
 - [25] EN
 - [54] SYSTEM AND METHOD FOR COMMUNICATING MATERIALS
 - [54] SYSTEME ET PROCEDE DE BROYAGE DE MATERIAU
 - [72] NORDELL, LAWRENCE K., US
 - [71] CANADA MINING INNOVATION COUNCIL, CA
 - [85] 2023-01-23
 - [86] 2021-07-22 (PCT/CA2021/051025)
 - [87] (WO2022/016286)
 - [30] US (63/055,247) 2020-07-22
-

[21] 3,189,845
[13] A1

- [51] Int.Cl. A61M 25/01 (2006.01) A61M 25/06 (2006.01) A61M 25/09 (2006.01)
- [25] EN
- [54] TWO-PIECE RAPIDLY INSERTABLE CENTRAL CATHETERS, INTRODUCERS THEREFOR, AND METHODS THEREOF
- [54] CATHETERS CENTRAUX EN DEUX PARTIES A INSERTION RAPIDE, INTRODUCTEURS ASSOCIES ET LEURS PROCEDES D'UTILISATION
- [72] HOWELL, GLADE H., US
- [72] STATS, JASON R., US
- [71] BARD ACCESS SYSTEMS, INC., US
- [85] 2023-01-20
- [86] 2021-07-30 (PCT/US2021/044029)
- [87] (WO2022/026907)
- [30] US (63/059,798) 2020-07-31

[21] 3,189,846
[13] A1

- [51] Int.Cl. G11C 11/44 (2006.01) B82Y 10/00 (2011.01) G06N 10/00 (2022.01) G11C 13/04 (2006.01)
- [25] EN
- [54] STORAGE AND TRANSDUCTION OF QUANTUM INFORMATION
- [54] STOCKAGE ET TRANSDUCTION D'INFORMATIONS QUANTIQUES
- [72] MACQUARRIE, EVAN, CA
- [72] SIMMONS, STEPHANIE, CA
- [71] PHOTONIC INC., CA
- [85] 2023-01-23
- [86] 2021-07-28 (PCT/CA2021/051056)
- [87] (WO2022/020951)
- [30] US (63/057,796) 2020-07-28

Demandes PCT entrant en phase nationale

[21] 3,189,849

[13] A1

- [51] Int.Cl. F24F 11/38 (2018.01) F24F 11/32 (2018.01) F24F 11/49 (2018.01) F24F 11/70 (2018.01)
 - [25] EN
 - [54] SYSTEM AND METHODS FOR DETERMINING OPERATIONAL RELATIONSHIPS IN BUILDING AUTOMATION AND CONTROL NETWORKS
 - [54] SYSTEME ET PROCEDES POUR DETERMINER DES RELATIONS OPERATIONNELLES DANS DES RESEAUX DE COMMANDE ET D'AUTOMATISATION DE BATIMENTS
 - [72] SIMMONS, BRIAN, US
 - [72] VAZQUEZ-CANTELI, JOSE R., US
 - [71] ONBOARD DATA, INC., US
 - [85] 2023-01-20
 - [86] 2021-07-30 (PCT/US2021/044068)
 - [87] (WO2022/026925)
 - [30] US (63/058,715) 2020-07-30
-

[21] 3,189,850

[13] A1

- [51] Int.Cl. A61K 39/395 (2006.01) A61P 35/02 (2006.01) C07K 16/28 (2006.01)
- [25] EN
- [54] TREATMENT OF CLL
- [54] TRAITEMENT DE LLC
- [72] GOU, LIANGKE, US
- [72] HASSOUNAH, NADIA, US
- [72] WOO, JANGHEE, US
- [71] NOVARTIS AG, CH
- [85] 2023-01-20
- [86] 2021-08-02 (PCT/US2021/044115)
- [87] (WO2022/031568)
- [30] US (63/060,786) 2020-08-04

[21] 3,189,851

[13] A1

- [51] Int.Cl. A61J 1/06 (2006.01) A61K 49/22 (2006.01)
 - [25] EN
 - [54] METHODS AND DEVICES FOR PREPARATION OF ULTRASOUND CONTRAST AGENTS
 - [54] PROCEDES ET DISPOSITIFS POUR LA PREPARATION D'AGENTS DE CONTRASTE ULTRASONORES
 - [72] LAZEWATSKY, JOEL, US
 - [71] LANTHEUS MEDICAL IMAGING, INC., US
 - [85] 2023-01-20
 - [86] 2021-08-03 (PCT/US2021/044394)
 - [87] (WO2022/031739)
 - [30] US (63/061,168) 2020-08-04
-

[21] 3,189,854

[13] A1

- [51] Int.Cl. A61K 9/127 (2006.01) A61K 47/60 (2017.01) A61K 9/51 (2006.01) A61K 47/18 (2017.01)
- [25] EN
- [54] COMPOSITIONS FOR THE DELIVERY OF PAYLOAD MOLECULES TO AIRWAY EPITHELIUM
- [54] COMPOSITIONS POUR L'ADMINISTRATION DE MOLECULES DE CHARGE UTILE A L'EPITHELIUM DES VOIES RESPIRATOIRES
- [72] CADETE PIRES, ANA, US
- [72] SUNG, JEAN C., US
- [72] CORNEBISE, MARK, US
- [72] HRKACH, JEFFREY, US
- [71] MODERNATX, INC., US
- [85] 2023-01-20
- [86] 2021-08-06 (PCT/US2021/045038)
- [87] (WO2022/032154)
- [30] US (63/062,367) 2020-08-06

[21] 3,189,856

[13] A1

- [51] Int.Cl. A61K 8/02 (2006.01) A61K 8/19 (2006.01) A61K 8/31 (2006.01) A61K 8/34 (2006.01) A61K 8/37 (2006.01) A61K 8/58 (2006.01) A61K 8/891 (2006.01) A61K 8/92 (2006.01) A61Q 15/00 (2006.01)
 - [25] EN
 - [54] DEODORANT COMPOSITIONS
 - [54] COMPOSITIONS DEODORANTES
 - [72] STURGIS, DAVID ARTHUR, US
 - [72] BRITT, LINDSEY MICHELLE, US
 - [72] ELJACK, MAHMOUD DAFFALLA, US
 - [71] THE PROCTER & GAMBLE COMPANY, US
 - [85] 2023-01-20
 - [86] 2021-08-24 (PCT/US2021/047276)
 - [87] (WO2022/046722)
 - [30] US (63/069,202) 2020-08-24
-

[21] 3,189,857

[13] A1

- [51] Int.Cl. A61K 8/02 (2006.01) A61K 8/19 (2006.01) A61K 8/31 (2006.01) A61K 8/34 (2006.01) A61K 8/37 (2006.01) A61K 8/58 (2006.01) A61K 8/891 (2006.01) A61K 8/92 (2006.01) A61Q 15/00 (2006.01)
- [25] EN
- [54] DEODORANT COMPOSITIONS WITH NATURAL WAX
- [54] COMPOSITIONS DEODORANTES A BASE DE CIRE NATURELLE
- [72] STURGIS, DAVID ARTHUR, US
- [72] BRITT, LINDSEY MICHELLE, US
- [72] ELJACK, MAHMOUD DAFFALLA, US
- [71] THE PROCTER & GAMBLE COMPANY, US
- [85] 2023-01-20
- [86] 2021-08-24 (PCT/US2021/047278)
- [87] (WO2022/046724)
- [30] US (63/069,209) 2020-08-24

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] 3,183,519	[13] A1
[25] EN	
[54] DEFECT-MITIGATION LAYERS IN ELECTROCHROMIC DEVICES	
[54] COUCHES D'ATTENUATION DE DEFAUT DANS DES DISPOSITIFS ELECTROCHROMIQUES	
[72] KAILASAM, SRIDHAR K., US	
[72] FRIEDMAN, ROBIN, US	
[72] GILLASPIE, DANE, US	
[72] PRADHAN, ANSHU A., US	
[72] ROZBICKI, ROBERT T., US	
[72] MEHTANI, DISHA, US	
[71] VIEW, INC., US	
[22] 2014-02-07	
[41] 2014-08-14	
[62] 3,103,961	
[30] US (13/763,505) 2013-02-08	

[21] 3,188,031	[13] A1
[25] EN	
[54] A SYSTEM AND METHOD FOR HANDLING VIDEO DATA	
[54] SYSTEME ET PROCEDE DE GESTION DE DONNEES VIDEO	
[72] NEHRU, ASHRAF, GB	
[71] DISGUISE TECHNOLOGIES LIMITED, GB	
[22] 2016-04-14	
[41] 2016-10-20	
[62] 2,982,045	
[30] GB (1506328.2) 2015-04-14	
[30] GB (1517475.8) 2015-10-02	

[21] 3,188,112	[13] A1
[25] EN	
[54] IMPROVED ASSAYS FOR POTENCY OF HUMAN RETINAL PIGMENT EPITHELIUM (RPE) CELLS AND PHOTORECEPTOR PROGENITORS	
[54] ESSAIS AMELIORES POUR EVALUER LA PUISSANCE DE CELLULES DE L'EPITHELIUM PIGMENTAIRE RETINIEN (RPE) ET DE CELLULES PROGENITRICES DE PHOTORECEPTEURS HUMAINES	
[72] KLIMANSKAYA, IRINA V., US	
[72] CARSON, JULIE KATHRYN, US	
[72] GAY, ROGER, US	
[72] IVANOVA, YORDANKA GIKOVA, US	
[71] ASTELLAS INSTITUTE FOR REGENERATIVE MEDICINE, US	
[22] 2016-03-23	
[41] 2016-09-29	
[62] 2,980,580	
[30] US (62/136,660) 2015-03-23	

[21] 3,188,049	[13] A1
[25] EN	
[54] COMPOSITION FOR PREVENTING AND TREATING MUSCULAR DISEASE	
[54] COMPOSITION DESTINEE A PREVENIR ET A TRAITER UNE MALADIE MUSCULAIRE	
[72] KIM, YI-RANG, KR	
[72] CHOI, JIN-WOO, KR	
[71] ONCOCROSS CO.,LTD., KR	
[22] 2019-04-17	
[41] 2019-10-31	
[62] 3,090,241	
[30] KR (10-2018-0047957) 2018-04-25	
[21] 3,188,124	[13] A1
[25] EN	
[54] EXPRESSION AND SECRETION SYSTEM	
[54] SYSTEME D'EXPRESSION ET DE SECRETION	
[72] TESAR, DEVIN, US	
[72] CHEN, XIAOCHENG, US	
[72] DENNIS, MARK, US	
[72] HOTZEL, ISIDRO, US	
[71] GENENTECH, INC., US	
[22] 2013-07-03	
[41] 2014-01-09	
[62] 2,877,009	
[30] US (61/668,397) 2012-07-05	
[30] US (61/852,483) 2013-03-15	
[30] US (61/819,063) 2013-05-03	

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

<p style="text-align: right;">[21] 3,188,149 [13] A1</p> <p>[51] Int.Cl. A24F 40/30 (2020.01) A24F 40/40 (2020.01) A24F 40/42 (2020.01)</p> <p>[25] EN</p> <p>[54] AEROSOL PROVISION DEVICE</p> <p>[54] DISPOSITIF DE DISTRIBUTION D'AEROSOL</p> <p>[72] YILMAZ, UGURHAN, GB</p> <p>[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB</p> <p>[22] 2018-10-24</p> <p>[41] 2019-05-02</p> <p>[62] 3,079,629</p> <p>[30] GB (1717498.8) 2017-10-24</p>	<p style="text-align: right;">[21] 3,188,153 [13] A1</p> <p>[51] Int.Cl. C12Q 1/686 (2018.01) C12Q 1/6806 (2018.01) C12Q 1/6851 (2018.01) G16B 20/00 (2019.01) G16B 25/10 (2019.01) C12M 1/34 (2006.01) C12M 1/38 (2006.01)</p> <p>[25] EN</p> <p>[54] DIGITAL PCR DETECTION APPARATUS, DIGITAL PCR QUANTITATIVE DETECTION METHOD, MULTI-VOLUME DIGITAL PCR QUANTITATIVE ANALYSIS METHOD, DIGITAL PCR DETECTION METHOD, NUCLEIC ACID DETECTION MICROSHERE, PREPARATION METHOD OF NUCLEIC ACID DETECTION MICROSHERE, NUCLEIC ACID DETECTION MICROSHERE KIT AND HIGH-THROUGHPUT NUCLEIC ACID DETECTION METHOD</p> <p>[54] APPAREIL DE DETECTION DE REACTION EN CHAINE DE LA POLYMERASE (PCR) NUMERIQUE, PROCEDE DE DETECTION QUANTITATIVE DE PCR NUMERIQUE, PROCEDE D'ANALYSE QUANTITATIVE DE PCR NUMERIQUE A VOLUMES MULTIPLES, PROCEDE DE DETECTION DE PCR NUMERIQUE, DETECTION DE MICROSpheres D'ACIDE NUCLEIQUE,PROCEDE DE PREPARATION DE DETECTION DE MICROSpheres D'ACIDE NUCLEIQUE</p> <p>[72] SHENG, GUANGJI, CN</p> <p>[71] SNIPER (SUZHOU) LIFE TECHNOLOGY CO., LTD, CN</p> <p>[22] 2019-01-24</p> <p>[41] 2019-08-01</p> <p>[62] 3,089,411</p> <p>[30] CN (201810070377.2) 2018-01-24</p> <p>[30] CN (201810932950.6) 2018-08-16</p> <p>[30] CN (201811392278.2) 2018-11-21</p>	<p style="text-align: right;">[21] 3,188,172 [13] A1</p> <p>[25] EN</p> <p>[54] HVAC CONTROLLER WITH USER-FRIENDLY INSTALLATION FEATURES FACILITATING BOTH DO-IT-YOURSELF AND PROFESSIONAL INSTALLATION SCENARIOS</p> <p>[54] CONTROLEUR CVCA PRESENTANT DES CARACTERISTIQUES D'INSTALLATION CONVIVIALES FAVORISANT A LA FOIS DES SCENARIOS D'INSTALLATION DU TYPE BRICOLAGE ET PROFESSIONNELS</p> <p>[72] STEFANSKI, MARK D., US</p> <p>[72] SLOO, DAVID, US</p> <p>[72] MATSUOKA, YOKY, US</p> <p>[71] GOOGLE LLC, US</p> <p>[22] 2012-09-30</p> <p>[41] 2013-04-11</p> <p>[62] 3,066,430</p> <p>[30] US (13/269,501) 2011-10-07</p> <p>[30] US (61/627,996) 2011-10-21</p>
<p style="text-align: right;">[21] 3,188,150 [13] A1</p> <p>[25] EN</p> <p>[54] DRIVER IDENTIFICATION AND DATA COLLECTION SYSTEMS FOR USE WITH MOBILE COMMUNICATION DEVICES IN VEHICLES</p> <p>[54] SYSTEMES D'IDENTIFICATION DE CONDUCTEUR ET DE COLLECTE DE DONNEES UTILISABLES AVEC DES DISPOSITIFS DE COMMUNICATIONS MOBILES DANS DES VEHICULES</p> <p>[72] GUBA, ROBERT W., US</p> <p>[72] BREAUX, JOSEPH E., III, US</p> <p>[72] KENNEDY, CHAD A., US</p> <p>[71] CELLCONTROL, INC., US</p> <p>[22] 2014-05-08</p> <p>[41] 2014-11-13</p> <p>[62] 2,948,891</p> <p>[30] US (61/821,019) 2013-05-08</p> <p>[30] US (61/892,406) 2013-10-17</p> <p>[30] US (61/936,152) 2014-02-05</p>	<p style="text-align: right;">[21] 3,188,183 [13] A1</p> <p>[25] EN</p> <p>[54] LIGHT EMITTING DEVICE</p> <p>[54] DISPOSITIF EMETTEUR DE LUMIERE</p> <p>[72] KAWANO, KENJI, JP</p> <p>[72] YAMAMOTO, ATSUSHI, JP</p> <p>[71] NICHIA CORPORATION, JP</p> <p>[22] 2015-09-22</p> <p>[41] 2016-03-24</p> <p>[62] 2,905,129</p> <p>[30] JP (2014-193509) 2014-09-24</p>	<p style="text-align: right;">[21] 3,188,183 [13] A1</p> <p>[25] EN</p> <p>[54] SENSOR-OPERATED PULL-OUT FAUCET</p> <p>[54] ROBINET TELESCOPIQUE ACTIONNE PAR CAPTEUR</p> <p>[72] LI, HSIAO CHANG, US</p> <p>[72] SEGGIO, FRANK, US</p> <p>[71] AS AMERICA, INC., US</p> <p>[22] 2015-12-22</p> <p>[41] 2016-06-30</p> <p>[62] 2,971,722</p> <p>[30] US (62/096,045) 2014-12-23</p>

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

[21] 3,188,216 [13] A1
[25] EN
[54] ISOLATION TOOL AND METHODS OF ISOLATING A SECTION OF PIPE OR A VESSEL
[54] OUTIL D'ISOLATION ET METHODES D'ISOLATION D'UNE SECTION DE TUYAU OU DE RECIPIENT
[72] NABER, DAVID, CA
[72] DHALIWAL, AMANJEET, CA
[72] SKIBA, ALEXANDER, CA
[71] ENREACH HOT TAP SERVICES INC., CA
[22] 2021-11-08
[41] 2022-05-12
[62] 3,157,635
[30] US (63/111,262) 2020-11-09

[21] 3,188,223 [13] A1
[51] Int.Cl. A61L 27/54 (2006.01) A61L 27/28 (2006.01)
[25] EN
[54] IMPLANTABLE SCAFFOLDS FOR TREATMENT OF SINUSITIS
[54] ECHAFAUDAGES IMPLANTABLES POUR LE TRAITEMENT DE LA SINUSITE
[72] YOU, CHANGCHENG, US
[72] PHAM, QUYNH, US
[72] CONCAGH, DANNY, US
[71] LYRA THERAPEUTICS, INC., US
[22] 2018-04-20
[41] 2018-10-25
[62] 3,060,502
[30] US (15/492,103) 2017-04-20

[21] 3,188,238 [13] A1
[25] EN
[54] SYSTEM, METHOD, AND APPARATUS FOR MONITORING, REGULATING, OR CONTROLLING FLUID FLOW
[54] SISTÈME, PROCÉDÉ ET APPAREIL POUR CONTRÔLER, RÉGULER OU COMMANDER UN ECOULEMENT DE FLUIDE
[72] KAMEN, DEAN, US
[72] PERET, BOB D., US
[72] KANE, DEREK G., US
[72] YOO, BRIAN H., US
[72] TRACEY, BRIAN D., US
[72] JOHNSON, MATTHEW J., US
[72] SCHNELLINGER, THOMAS S., US
[72] LANGENFELD, CHRISTOPHER C., US
[72] LANIGAN, RICHARD J., US
[72] BRYANT, JR., ROBERT J., US
[72] MURPHY, COLIN H., US
[72] KERWIN, JOHN M., US
[72] SLATE, MICHAEL J., US
[72] USMAN, FARRUKH, US
[72] CLARKE, KAITLYN S., US
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US
[22] 2012-12-21
[41] 2013-06-27
[62] 2,859,828
[30] US (61/578,649) 2011-12-21
[30] US (61/578,658) 2011-12-21
[30] US (61/578,674) 2011-12-21
[30] US (13/333,574) 2011-12-21
[30] US (PCT/US11/66588) 2011-12-21
[30] US (61/651,322) 2012-05-24
[30] US (61/679,117) 2012-08-03

[21] 3,188,284 [13] A1
[25] EN
[54] METHOD OF MANUFACTURING BIO-DIESEL AND REACTOR
[54] PROCEDE DE FABRICATION DE BIODIESEL ET REACTEUR
[72] MCSPADDEN, KEMPER J., US
[72] THOMASSIE, GERARD M., US
[71] LOUISIANA ECO GREEN, LLC, US
[22] 2014-08-26
[41] 2015-03-05
[62] 3,124,826
[30] US (14/012,810) 2013-08-28
[30] US (14/087,957) 2013-11-22

[21] 3,188,287 [13] A1
[25] EN
[54] ANTIBODIES TO MUC16 AND METHODS OF USE THEREOF
[54] ANTICORPS ANTI-MUC16 ET LEURS PROCEDES D'UTILISATION
[72] SPRIGGS, DAVID, US
[72] THAPI, DHARMARAO, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[22] 2011-03-25
[41] 2011-09-29
[62] 3,002,192
[30] US (61/317,964) 2010-03-26

[21] 3,188,289 [13] A1
[25] EN
[54] VIDEO ENCODING APPARATUS, VIDEO DECODING APPARATUS AND RELATED METHODS
[54] APPAREIL DE CODAGE VIDÉO, APPAREIL DE DECODAGE VIDÉO ET MÉTHODES ASSOCIEES
[72] ASAKA, SAORI, JP
[72] CHUJOH, TAKESHI, JP
[72] TANIZAWA, AKIYUKI, JP
[72] YASUDA, GOKI, JP
[72] WADA, NAOFUMI, JP
[72] WATANABE, TAKASHI, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[22] 2009-06-18
[41] 2010-12-23
[62] 3,091,657

[21] 3,188,291 [13] A1
[51] Int.Cl. F16D 65/00 (2006.01) B60S 1/68 (2006.01)
[25] EN
[54] BRAKE ASSEMBLY SHIELD AND SCRAPER
[54] PROTECTION ET RACLOIR D'ENSEMBLE DE FREIN
[72] MANSFIELD, R. MARCUS, US
[72] SCHNEIDER, MICHAEL D., US
[71] POLARIS INDUSTRIES INC., US
[22] 2018-06-14
[41] 2018-12-20
[62] 3,067,349
[30] US (15/625,023) 2017-06-16

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

<p style="text-align: right;">[21] 3,188,300 [13] A1</p> <p>[51] Int.Cl. B01D 39/08 (2006.01) A61L 2/16 (2006.01) B01D 27/04 (2006.01) B01D 39/20 (2006.01)</p> <p>[25] EN</p> <p>[54] BIOCIDE-LOADED ELECTROSPUN NANOFIBERS SUPPORTED BY ADHESIVE-FREE THIN FABRIC FOR PATHOGEN REMOVAL FILTRATION</p> <p>[54] NANOFIBRES ELECTROFILEES CHARGEES EN BIOCIDES SUPPORTEES PAR UN TISSU MINCE SANS ADHESIF POUR FILTRATION D'EXCRETION D'AGENTS PATHOGENES</p> <p>[72] HU, JIN, US</p> <p>[71] GOODRICH CORPORATION, US</p> <p>[22] 2014-05-06</p> <p>[41] 2014-11-10</p> <p>[62] 2,851,944</p> <p>[30] US (13/891,743) 2013-05-10</p>	<p style="text-align: right;">[21] 3,188,304 [13] A1</p> <p>[51] Int.Cl. B60N 2/24 (2006.01) B60J 5/04 (2006.01) B62D 21/18 (2006.01)</p> <p>[25] EN</p> <p>[54] SIDE-BY-SIDE VEHICLE</p> <p>[54] VEHICULE BIPLACE COTE A COTE</p> <p>[72] DECKARD, AARON D., US</p> <p>[72] SWAIN, PHILLIP B., US</p> <p>[72] IVES, ANDY T., US</p> <p>[72] HOUKOM, AUSTIN L., US</p> <p>[72] PETERSON, SHAWN D., US</p> <p>[72] STEINMETZ, GORDON J., US</p> <p>[72] SCHLANGEN, ADAM J., US</p> <p>[72] ROYTEK, CORRIE S., US</p> <p>[72] GOFFMAN, DANIEL L., US</p> <p>[72] JOHNSON, CLINTON A., US</p> <p>[72] SCHLEIF, ANDREW C., US</p> <p>[72] FIELDS, JASON R., US</p> <p>[72] HANEGRAAF, THOMAS C., US</p> <p>[72] KASTANEK, JOHN A., US</p> <p>[72] ENDRIZZI, JAMES J., US</p> <p>[72] JAEGER, RICKY G., US</p> <p>[72] NYSSE, AARON J., US</p> <p>[72] NUGTEREN, DANIEL J., US</p> <p>[72] HURD, CHRIS J., US</p> <p>[72] CARRUTH, CURTIS C., US</p> <p>[72] STROBACH, DANIEL P., US</p> <p>[71] POLARIS INDUSTRIES INC., US</p> <p>[22] 2013-10-11</p> <p>[41] 2014-04-17</p> <p>[62] 3,097,024</p> <p>[30] US (61/712,396) 2012-10-11</p> <p>[30] US (61/829,743) 2013-05-31</p>	<p style="text-align: right;">[21] 3,188,320 [13] A1</p> <p>[51] Int.Cl. A61K 31/4439 (2006.01) A61K 31/4015 (2006.01) A61K 31/4709 (2006.01) A61K 31/473 (2006.01) A61K 31/496 (2006.01) A61P 35/00 (2006.01)</p> <p>[25] EN</p> <p>[54] AZOLE DIONE COMPOUNDS WITH ANTI-CANCER ACTIVITY</p> <p>[54] COMPOSES D'AZOLE-DIONE PRESENTANT UNE ACTIVITE ANTI-CANCER</p> <p>[72] KAWABE, TAKUMI, JP</p> <p>[72] ISHIGAKI, MACHIYO, JP</p> <p>[72] SATO, TAKUJI, JP</p> <p>[72] YAMAMOTO, SAYAKA, JP</p> <p>[72] HASEGAWA, YOKO, JP</p> <p>[71] CANBAS CO., LTD., JP</p> <p>[22] 2008-04-11</p> <p>[41] 2009-03-12</p> <p>[62] 3,030,510</p> <p>[30] US (60/911,258) 2007-04-11</p>
<p style="text-align: right;">[21] 3,188,302 [13] A1</p> <p>[25] EN</p> <p>[54] A RECHARGEABLE JUMP STARTING DEVICE HAVING A HIGHLY ELECTRICALLY CONDUCTIVE CABLE CONNECTING DEVICE</p> <p>[54] DISPOSITIF DE DEMARRAGE D'APPOINT RECHARGEABLE AYANT UN DISPOSITIF DE CONNEXION DE CABLE HAUTEMENT ELECTRO-CONDUCTEUR</p> <p>[72] NOOK, JONATHAN LEWIS, US</p> <p>[72] NOOK, WILLIAM KNIGHT, US</p> <p>[72] STANFIELD, JAMES RICHARD, US</p> <p>[72] UNDERHILL, DEREK MICHAEL, US</p> <p>[71] THE NOCO COMPANY, US</p> <p>[22] 2018-05-30</p> <p>[41] 2019-03-07</p> <p>[62] 3,072,566</p> <p>[30] US (62/552,065) 2017-08-30</p> <p>[30] US (62/561,751) 2017-09-22</p> <p>[30] US (62/562,713) 2017-09-25</p>	<p style="text-align: right;">[21] 3,188,306 [13] A1</p> <p>[25] EN</p> <p>[54] BEACON ADDRESSING</p> <p>[54] ADRESSAGE DE BALISE</p> <p>[72] PHILLIPS-LUBIMIV, AARON LYON, CA</p> <p>[72] FALLAH, JAY, CA</p> <p>[72] DING, MING, CA</p> <p>[72] KIRK-KOFFI, SAMSON GRANT, CA</p> <p>[71] CREEKSIDE INVESTMENTS INCORPORATED, CA</p> <p>[22] 2015-10-30</p> <p>[41] 2016-05-06</p> <p>[62] 2,964,418</p> <p>[30] US (62/073,746) 2014-10-31</p>	<p style="text-align: right;">[21] 3,188,329 [13] A1</p> <p>[51] Int.Cl. A01C 7/06 (2006.01) A01C 5/06 (2006.01) A01C 7/00 (2006.01)</p> <p>[25] EN</p> <p>[54] LIQUID APPLICATION APPARATUS COMPRISING A SEED FIRMER</p> <p>[54] APPAREIL D'APPLICATION DE LIQUIDE COMPRENANT UN APPLICATEUR DE SEMENCE</p> <p>[72] STOLLER, JASON, US</p> <p>[72] MCMAHON, BRIAN, US</p> <p>[71] PRECISION PLANTING LLC, US</p> <p>[22] 2015-05-07</p> <p>[41] 2015-11-12</p> <p>[62] 2,948,345</p> <p>[30] US (61/990,404) 2014-05-08</p> <p>[30] US (62/060,392) 2014-10-06</p> <p>[30] US (62/137,551) 2015-03-24</p>

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

[21] 3,188,381
[13] A1

[25] EN
 [54] CAPACITY ALLOCATION OF CALL-HANDLING DEVICES
 [54] ATTRIBUTION DE CAPACITE DE DISPOSITIFS DE TRAITEMENT D'APPEL
 [72] HO, ROY, US
 [72] SAINI, AAKRATTEE, US
 [72] POKKUNURI, KESAVA R., US
 [71] TATA COMMUNICATIONS (AMERICA) INC., US
 [22] 2014-12-22
 [41] 2015-07-02
 [62] 3,106,804
 [30] US (14/139,191) 2013-12-23

[21] 3,188,454
[13] A1

[51] Int.Cl. B01L 3/02 (2006.01) B05B 12/00 (2018.01)
 [25] EN
 [54] MOTION CONTROLLING MECHANISM, LIQUID DISCHARGING NOZZLE, MICRODROPLET GENERATING DEVICE AND METHOD, LIQUID DRIVING MECHANISM AND METHOD, MICRODROPLET GENERATING METHOD, AND SURFACE PROCESSING METHOD OF LIQUID DISCHARGING NOZZLE
 [54] MECANISME DE COMMANDE DE MOUVEMENT, BUSE D'EVACUATION DE LIQUIDE, DISPOSITIF ET PROCEDE DE GENERATION DE MICROGOUTTELETTES, MECANISME ET PROCEDE D'ENTRAINEMENT DE LIQUIDE, PROCEDE DE GENERATION DE MICROGOUTTELETTES, ET PROCEDE DE TRAITEMENT DE SURFACE DE BUSE D'EVACUATION DE LIQUIDE
 [72] SHENG, GUANGJI, CN
 [71] SNIPER (SUZHOU) LIFE TECHNOLOGY CO., LTD, CN
 [22] 2019-01-24
 [41] 2019-08-01
 [62] 3,089,393
 [30] CN (201810070377.2) 2018-01-24
 [30] CN (201810884995.0) 2018-08-06

[21] 3,188,471
[13] A1

[25] EN
 [54] A THERMAL PRINTER WITH A QUICK RELEASE COVER
 [54] UNE IMPRIMANTE THERMIQUE A COUVERCLE A DEGAGEMENT RAPIDE
 [72] DUCKETT, JEANNE F., US
 [72] WIRRIG, RICHARD D., US
 [72] NEUHARD, LANCE D., US
 [72] WILLIAMS, LARRI B., US
 [72] MAKLEY, JAMES A., US
 [72] WATSON, JAN M., US
 [72] EVANS, ANDREW R., US
 [72] WIMMERS, DAVID J., US
 [71] AVERY DENNISON RETAIL INFORMATION SERVICES LLC, US
 [22] 2015-10-13
 [41] 2016-04-21
 [62] 2,963,883
 [30] US (62/063,238) 2014-10-13
 [30] US (62/063,249) 2014-10-13
 [30] US (62/063,227) 2014-10-13

[21] 3,188,475
[13] A1

[25] EN
 [54] SYSTEM AND METHOD FOR FINDING DESIRED RESULTS BY INCREMENTAL SEARCH USING AN AMBIGUOUS KEYPAD WITH THE INPUT CONTAINING ORTHOGRAPHIC AND TYPOGRAPHIC ERRORS
 [54] SYSTEME ET PROCEDE DE RECHERCHE INCREMENTALE DE RESULTATS DESIRÉS UTILISANT UN CLAVIER AMBIGUE DONT LES ENTREES COMPORTENT DES ERREURS ORTHOGRAPHIQUES ET TYPOGRAPHIQUES
 [72] GARG, PANKAJ, IN
 [72] VENKATARAMAN, SASHIKUMAR, IN
 [72] RAJPUROHIT, GOPAL MISHRIMALJI, IN
 [71] VEVEO, INC., US
 [22] 2006-11-21
 [41] 2007-05-31
 [62] 3,097,854
 [30] US (60/739,893) 2005-11-23

[21] 3,188,491
[13] A1

[51] Int.Cl. C12N 5/10 (2006.01) C12N 5/071 (2010.01) C07K 14/71 (2006.01) C07K 19/00 (2006.01) C12N 5/02 (2006.01) C12P 21/02 (2006.01)
 [25] EN
 [54] SERUM-FREE CELL CULTURE MEDIUM
 [54] MILIEU DE CULTURE CELLULAIRE SANS SERUM
 [72] OSHODI, SHADIA, US
 [72] JOHNSON, AMY, US
 [72] LAWRENCE, SHAWN, US
 [71] REGENERON PHARMACEUTICALS, INC., US
 [22] 2014-03-14
 [41] 2014-09-18
 [62] 3,135,232
 [30] US (61/790,136) 2013-03-15
 [30] US (14/211,245) 2014-03-14

[21] 3,188,494
[13] A1

[25] EN
 [54] USE OF TELOMERASE INHIBITORS FOR THE TREATMENT OF MYELOPROLIFERATIVE DISORDERS AND MYELOPROLIFERATIVE NEOPLASMS
 [54] UTILISATION D'INHIBITEURS DE TELOMERASE POUR LE TRAITEMENT DE TROUBLES MYELOPROLIFERATIFS ET DE NEOPLASIES MYELOPROLIFERATIVES
 [72] STUART, MONIC J., US
 [72] KELSEY, STEPHEN, US
 [71] GERON CORPORATION, US
 [22] 2013-11-15
 [41] 2014-06-12
 [62] 2,892,907
 [30] US (61/734,941) 2012-12-07
 [30] US (61/799,069) 2013-03-15
 [30] US (13/841,711) 2013-03-15
 [30] US (61/900,347) 2013-11-05

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

<p style="text-align: right;">[21] 3,188,515 [13] A1</p> <p>[25] EN [54] BALANCED SYSTEM AND METHOD FOR PRODUCTION OF MICROBIAL OUTPUT [54] SYSTEME EQUILIBRE ET METHODE DE FABRICATION DE PRODUITS MICROBIENS [72] CHISHOLM, ROBERT, US [72] LAMONTAGNE, MICHAEL, US [72] AMES, ROBERT N., US [72] LANCIAUT, DAVID P., US [72] COYNE, JOHN R., US [71] TENFOLD TECHNOLOGIES, LLC, US [22] 2012-10-12 [41] 2013-04-18 [62] 2,851,282 [30] US (61/627,633) 2011-10-13 [30] US (61/581,679) 2011-12-30</p>	<p style="text-align: right;">[21] 3,188,561 [13] A1</p> <p>[25] EN [54] METHOD AND APPARATUS FOR RENDERING ACOUSTIC SIGNAL, AND COMPUTER-READABLE RECORDING MEDIUM [54] PROCEDE ET APPAREIL DE RENDU DE SIGNAL ACOUSTIQUE, ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR [72] CHON, SANG-BAE, KR [72] KIM, SUN-MIN, KR [72] JO, HYUN, KR [71] SAMSUNG ELECTRONICS CO., LTD., KR [22] 2015-03-24 [41] 2015-10-01 [62] 3,101,903 [30] US (61/969,357) 2014-03-24</p>	<p style="text-align: right;">[21] 3,188,575 [13] A1</p> <p>[51] Int.Cl. B60D 1/66 (2006.01) B60S 13/00 (2006.01) [25] EN [54] MANEUVERABLE ERGONOMIC TRAILER STANDS [54] SUPPORTS DE REMORQUE ERGONOMIQUES MANEUVRABLES [72] DIBIASE, JOE, CA [72] WIEGEL, AARON J., US [72] OLSON, ANDY, US [72] WAUGAMAN, CHARLES, US [72] SWIFT, DAVID, US [72] GRANT, DONALD, US [72] WERNECKE, GARRET, US [72] OATES, JAMES, US [72] DONDLINGER, JASON, US [72] KORMAN, JOE, US [72] PARUCH, LUCAS I., US [72] SNYDER, RONALD P., US [72] DUESING, TONY, US [71] RITE-HITE HOLDING CORPORATION, US [71] DIBIASE, JOE, CA [22] 2019-04-05 [41] 2019-10-10 [62] 3,096,079 [30] US (62/654,166) 2018-04-06</p>
<p style="text-align: right;">[21] 3,188,522 [13] A1</p> <p>[25] EN [54] AUTHENTICATION OF SERVICE REQUESTS INITIATED FROM A SOCIAL NETWORKING SITE [54] AUTHENTIFICATION DE DEMANDES DE SERVICE AMORCEES A PARTIR D'UN SITE DE RESEAU SOCIAL [72] BARAK, MATAN, IL [71] LIVEPERSON, INC., US [22] 2011-12-14 [41] 2012-06-21 [62] 3,056,862 [30] US (12/967,782) 2010-12-14</p>	<p style="text-align: right;">[21] 3,188,567 [13] A1</p> <p>[25] EN [54] SUB-ASSEMBLY FOR A GOLF BAG AND A GOLF BAG SYSTEM FOR RECIPIENT SELF-ASSEMBLY [54] SOUS-ENSEMBLE POUR UN SAC DE GOLF, ET SYSTEME DE SAC DE GOLF POUR AUTO-ASSEMBLAGE DE CONTENANT [72] MARTELL, JAMES, US [72] LOUDENSLAGER, JOHN, US [72] MCGUIRE, BRIAN, US [72] BRUCE, RYAN, US [72] HIGDON, DAVID, US [71] KARSTEN MANUFACTURING CORPORATION, US [22] 2016-03-02 [41] 2016-09-09 [62] 3,093,685 [30] US (62/127,033) 2015-03-02 [30] US (62/151,155) 2015-04-22 [30] US (62/211,568) 2015-08-28 [30] US (62/295,567) 2016-02-16</p>	<p style="text-align: right;">[21] 3,188,579 [13] A1</p> <p>[51] Int.Cl. F17D 1/17 (2006.01) C09K 3/00 (2006.01) [25] EN [54] NANOPARTICLES FOR USE WITH DRAG REDUCER ADDITIVES AND METHOD OF USE [54] NANOParticules destinees a des additifs de reduction de trainee et methode d'utilisation [72] HYATT, ROBERT, US [71] HYATT, ROBERT, US [22] 2018-02-23 [41] 2018-08-23 [62] 2,996,162 [30] US (62/462,639) 2017-02-23 [30] US (15/901,501) 2018-02-21</p>

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

<p>[21] 3,188,617 [13] A1</p> <p>[51] Int.Cl. A61L 9/015 (2006.01) A61L 9/03 (2006.01) A61L 9/12 (2006.01) F21S 10/04 (2006.01)</p> <p>[25] EN</p> <p>[54] SCENTED ELECTRONIC CANDLE DEVICE</p> <p>[54] CHANDELLE ELECTRONIQUE PARFUMEE DOTEE D'UNE BASE DE RECHARGE SANS FIL</p> <p>[72] LI, XIAOFENG, CN</p> <p>[71] L&L CANDLE COMPANY, LLC, US</p> <p>[22] 2016-07-13</p> <p>[41] 2017-12-27</p> <p>[62] 2,972,677</p> <p>[30] CN (201610478347.6) 2016-06-27</p> <p>[30] US (15/207,411) 2016-07-11</p>

<p>[21] 3,188,622 [13] A1</p> <p>[51] Int.Cl. F41B 5/14 (2006.01) F41B 5/10 (2006.01)</p> <p>[25] EN</p> <p>[54] ARCHERY BOW AXLE WITH FASTENER</p> <p>[54] AXE D'ARC DOTE D'UN DISPOSITIF DE FIXATION</p> <p>[72] MCPHERSON, MATHEW A., US</p> <p>[71] MCP IP, LLC, US</p> <p>[22] 2015-07-30</p> <p>[41] 2016-01-30</p> <p>[62] 2,898,901</p> <p>[30] US (62/031,112) 2014-07-30</p>

<p>[21] 3,188,652 [13] A1</p> <p>[51] Int.Cl. A61K 35/28 (2015.01) G01N 33/48 (2006.01) G01N 33/483 (2006.01) G01N 33/53 (2006.01)</p> <p>[25] EN</p> <p>[54] LYMPHOCYTE BIOMARKERS FOR DETERMINING THE CLINICAL RESPONSE TO CELL THERAPY</p> <p>[54] BIOMARQUEURS LYMPHOCYTAIRES DESTINES A DETERMINER LA REPONSE CLINIQUE A UNE THERAPIE CELLULAIRE</p> <p>[72] DE LA ROSA, OLGA, ES</p> <p>[72] LOMBARDO, ELEUTERIO, ES</p> <p>[72] DALEMANS, WILFRIED, ES</p> <p>[71] TIGENIX, S.A.U, ES</p> <p>[22] 2014-03-17</p> <p>[41] 2014-09-18</p> <p>[62] 2,906,299</p> <p>[30] EP (13382091.0) 2013-03-15</p>
--

<p>[21] 3,188,669 [13] A1</p> <p>[25] EN</p> <p>[54] RESOURCE MANAGEMENT CONCEPT</p> <p>[54] CONCEPT DE GESTION DE RESSOURCE</p> <p>[72] SCHIERL, THOMAS, DE</p> <p>[72] WIRTH, THOMAS, DE</p> <p>[72] HAUSTEIN, THOMAS, DE</p> <p>[72] SANCHEZ, YAGO, DE</p> <p>[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG EV, DE</p> <p>[22] 2012-10-22</p> <p>[41] 2013-04-25</p> <p>[62] 2,851,783</p> <p>[30] US (61/550,126) 2011-10-21</p>

<p>[21] 3,188,691 [13] A1</p> <p>[51] Int.Cl. C12N 15/113 (2010.01) A61K 47/54 (2017.01) A61K 31/713 (2006.01) C07H 21/02 (2006.01) C12N 15/63 (2006.01)</p> <p>[25] EN</p> <p>[54] 3'END CAPS FOR RNAI AGENTS FOR USE IN RNA INTERFERENCE</p> <p>[54] EXTREMITES 3'POUR AGENTS ARNI DESTINES A ETRE UTILISES DANS L'INTERFERENCE ARN</p> <p>[72] BARYZA, JEREMY LEE, US</p> <p>[72] BLOMMERS, MARCEL, CH</p> <p>[72] FERNANDEZ, CESAR, CH</p> <p>[72] GENO, ERIN, US</p> <p>[72] GOSSERT, ALVAR, CH</p> <p>[72] GREENIDGE, PAULETTE, CH</p> <p>[72] HUESKEN, DIETER, CH</p> <p>[72] HUNZIKER, JUERG, CH</p> <p>[72] NATT, FRANCOIS JEAN-CHARLES, CH</p> <p>[72] PATNAIK, ANUP, US</p> <p>[72] PATTERSON, ANDREW, US</p> <p>[72] RONDEAU, JEAN-MICHEL RENE, CH</p> <p>[72] WEILER, JAN, US</p> <p>[72] ZHU, MEICHENG, US</p> <p>[71] NOVARTIS AG, CH</p> <p>[22] 2014-10-01</p> <p>[41] 2015-04-09</p> <p>[62] 2,925,129</p> <p>[30] US (61/886,739) 2013-10-04</p>
--

<p>[21] 3,188,719 [13] A1</p> <p>[25] EN</p> <p>[54] A SYSTEM AND METHOD FOR TRANSMISSION OF DATA FROM A WIRELESS MOBILE DEVICE OVER A MULTIPATH WIRELESS ROUTER</p> <p>[54] SYSTEME ET UN PROCEDE PERMETTANT DE TRANSMETTRE DES DONNEES DEPUIS UN DISPOSITIF MOBILE SANS FIL PAR LE BIAIS D'UN ROUTEUR SANS FIL A TRAJETS MULTIPLES</p> <p>[72] SZE, DAVID PUI KEUNG, CA</p> <p>[72] HAYE, HAGEN, CA</p> <p>[72] FLATT, ROBERT, CA</p> <p>[72] MALLET, JOSEPH ROBERT WAYNE, CA</p> <p>[72] HUDDA, ARIF, CA</p> <p>[72] GILHULY, BARRY, CA</p> <p>[72] FRUSINA, BOGDAN, CA</p> <p>[71] DEJERO LABS INC., CA</p> <p>[22] 2013-04-16</p> <p>[41] 2013-10-17</p> <p>[62] 2,882,195</p> <p>[30] US (13/446,825) 2012-04-13</p>

<p>[21] 3,188,733 [13] A1</p> <p>[25] EN</p> <p>[54] METHOD FOR DIAGNOSING, PREVENTING AND TREATING CANCER BRAIN METASTASIS, AND DRUG DELIVERY SYSTEM FOR ENABLING PASSAGE THROUGH BLOOD-BRAIN BARRIER</p> <p>[54] PROCEDE DE DIAGNOSTIC, DE PREVENTION ET DE TRAITEMENT DE LA METASTASE CEREBRALE, ET SYSTEME D'ADMINISTRATION DE MEDICAMENTS PERMETTANT LE PASSAGE A TRAVERS LA BARRIERE HEMATO-ENCE PHALIQUE</p> <p>[72] OCHIYA, TAKAHIRO, JP</p> <p>[72] TOMINAGA, NAOOMI, JP</p> <p>[71] THEORIA SCIENCE INC., JP</p> <p>[22] 2015-02-24</p> <p>[41] 2016-09-01</p> <p>[62] 2,979,792</p>

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

<p style="text-align: right; margin-bottom: 0;">[21] 3,188,736 [13] A1</p> <p>[25] EN [54] SYSTEMS AND METHODS FOR REMOTE PRESCRIPTION OF MEDICATION-DOSING REGIMENS [54] SYSTEMES ET PROCEDES DE PRESCRIPTION A DISTANCE DE SCHEMAS POSOLOGIQUES DE MEDICAMENTS [72] ALDEN, RHETT GUY, US [72] ANDREWS, JEFFREY STERLING, US [72] JOHNSON, JENNAL LYNN, US [72] PARSHALL, JAMES HAROLD, US [72] TUNNELL, HARRY DANIEL, US [72] WEIGAND, SCOTT ALLEN, US [72] WESTERFIELD, KRISTIN MARIE, US [71] ELI LILLY AND COMPANY, US [22] 2019-07-19 [41] 2020-01-30 [62] 3,107,769 [30] US (62/703,563) 2018-07-26 [30] US (62/801,217) 2019-02-05</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,188,833 [13] A1</p> <p>[51] Int.Cl. A61F 2/24 (2006.01) [25] EN [54] SUTURE GUARD FOR A PROSTHETIC VALVE [54] PROTECTION DE SUTURE POUR UNE VALVE PROTHETIQUE [72] BENNETT, NATHAN L., US [72] TITONE, RYAN S., US [71] W. L. GORE & ASSOCIATES, INC., US [22] 2018-10-26 [41] 2019-05-09 [62] 3,084,362 [30] US (62/579,761) 2017-10-31 [30] US (16/170,795) 2018-10-25</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,189,094 [13] A1</p> <p>[25] EN [54] SENSOR AND TRANSMITTER PRODUCT [54] PRODUIT DETECTEUR ET EMETTEUR [72] ANTONIO, DAVID C., US [72] LARSON, ERIC ALLAN, US [72] RUELAS, JOSE J., US [72] SRINIVASAN, AKHIL, US [71] MEDTRONIC MINIMED, INC., US [22] 2017-04-04 [41] 2017-10-12 [62] 3,022,146 [30] US (62/320,290) 2016-04-08 [30] US (62/344,847) 2016-06-02 [30] US (62/344,852) 2016-06-02 [30] US (62/402,676) 2016-09-30 [30] US (15/357,925) 2016-11-21 [30] US (15/357,952) 2016-11-21 [30] US (15/357,885) 2016-11-21 [30] US (62/460,710) 2017-02-17 [30] US (15/478,110) 2017-04-03 [30] US (15/478,126) 2017-04-03 [30] US (15/478,092) 2017-04-03</p>
<p style="text-align: right; margin-bottom: 0;">[21] 3,188,747 [13] A1</p> <p>[51] Int.Cl. A43B 5/16 (2006.01) A63C 1/00 (2006.01) A63C 1/02 (2006.01) [25] EN [54] SKATE [54] PATIN [72] CHAMPAGNE, GAETAN, CA [72] DAUB, DAVID, CA [72] CHANG, KENT, TW [71] BAUER HOCKEY LTD., CA [22] 2016-10-31 [41] 2018-04-30 [62] 2,947,087</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,188,845 [13] A1</p> <p>[51] Int.Cl. H01M 50/545 (2021.01) H01M 50/586 (2021.01) H01M 50/593 (2021.01) H01M 10/44 (2006.01) [25] EN [54] PORTABLE RECHARGEABLE BATTERY JUMP STARTING DEVICE [54] DISPOSITIF DE RECHARGEMENT DE BATTERIE RECHARGEABLE PORTABLE [72] NOOK, JONATHAN LEWIS, US [72] NOOK, WILLIAM KNIGHT, US [72] STANFIELD, JAMES RICHARD, US [72] UNDERHILL, DEREK MICHAEL, US [71] THE NOCO COMPANY, US [22] 2018-05-29 [41] 2019-03-07 [62] 3,070,879 [30] US (62/552,065) 2017-08-30 [30] US (62/561,751) 2017-09-22</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,189,339 [13] A1</p> <p>[25] EN [54] SELF-DRILLING ALL-SUTURE ANCHOR INSERTER [54] DISPOSITIF D'INSERTION TOUTE-SUTURE AUTO-FOREUR [72] BRESLICH, GRADY, US [72] BARBER, JAMES, US [72] BOSWORTH, ADRIAN, US [72] GLADDISH, BENNIE WAYNE, JR., US [72] MILLER, PETER, US [72] SIEH, JOHN K., US [71] CONMED CORPORATION, US [22] 2018-07-24 [41] 2019-01-31 [62] 3,071,147 [30] US (62/536,208) 2017-07-24 [30] US (62/543,516) 2017-08-10 [30] US (62/572,369) 2017-10-13 [30] US (62/618,851) 2018-01-18 [30] US (62/631,034) 2018-02-15</p>
<p style="text-align: right; margin-bottom: 0;">[21] 3,188,783 [13] A1</p> <p>[51] Int.Cl. A61B 3/10 (2006.01) A61B 3/08 (2006.01) A61B 3/103 (2006.01) A61B 3/113 (2006.01) A61B 3/14 (2006.01) [25] EN [54] AUTOMATED DETECTION OF EYE ALIGNMENT [54] DETECTION AUTOMATISEE D'UN ALIGNEMENT DES YEUX [72] BAILEY, MELISSA DIANE, US [71] OHIO STATE INNOVATION FOUNDATION, US [22] 2014-11-07 [41] 2015-05-14 [62] 2,931,381 [30] US (61/901,432) 2013-11-07</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,188,903 [13] A1</p> <p>[51] Int.Cl. B65D 88/26 (2006.01) B65G 65/32 (2006.01) E04H 7/22 (2006.01) E21B 43/267 (2006.01) F16H 25/20 (2006.01) [25] EN [54] COMPACT ARTICULATION MECHANISM [54] MECANISME D'ARTICULATION COMPACT [72] PHAM, HAU NGUYEN-PHUC, US [71] LIBERTY OILFIELD SERVICES LLC, US [22] 2015-06-26 [41] 2016-01-07 [62] 2,953,949 [30] US (62/019,294) 2014-06-30</p>	

Index of Canadian Patents Issued

February 28, 2023

Index des brevets canadiens délivrés

28 février 2023

10353744 CANADA LTD.	3,061,229	ALLEN, THOMAS	3,076,511	ARNOLD, WILLIAM K.	3,061,647
3M INNOVATIVE PROPERTIES COMPANY	2,926,736	ALLIKMETS, RANDO	2,947,174	ARODZERO, ANATOLI	2,864,354
4ONE, LLC	2,965,200	ALLONAS, XAVIER	3,009,545	ARPIAINEN, SANNA	3,059,510
7 HILLS PHARMA LLC	2,939,512	ALLSTEEL INC.	2,798,444	ARRAY BIOPHARMA INC.	2,934,679
AALTO, TIMO	3,059,510	ALMSTEAD, NEIL	3,080,983	ARTIO MEDICAL, INC.	3,088,022
ABB SCHWEIZ AG	3,069,475	ALQADERI, HOSAM	3,056,979	ARTIOLI, VEZIO	2,987,090
ABBVIE INC.	2,946,402	ALSTOM TRANSPORT TECHNOLOGIES	2,910,656	ARULRAJ,	KANESHALINGHAM
ABDUEVA, DIANA	3,027,919	ALTEKRUSE, KENNETH C.	2,961,962	ASAKAWA, YUICHIRO	2,940,500
ABL IP HOLDING LLC	3,059,292	ALTON, ERIC WALTER	2,947,125	ASANO, SATOSHI	3,095,707
ABLYNX N.V.	2,985,698	FREDERICK WOLFGANG	2,947,125	ASBE, DILIP	3,077,604
ACKERMAN, DAVID ALAN	3,118,891	AMAZON TECHNOLOGIES, INC.	2,927,096	ASCENTAGE PHARMA (SUZHOU) CO., LTD.	3,016,381
ADA SUPPORT INC.	3,123,387	AMAZON TECHNOLOGIES, INC.	3,074,841	ASHWORTH BROS., INC.	3,094,449
ADAMS, KEITH M.	2,963,933	AMEND, JOHN RICHARD	3,076,511	ASIRVATHAM, EDWARD	3,072,232
ADAPT PHARMA LIMITED	2,950,687	AMERICAN SCIENCE AND ENGINEERING, INC.	2,864,354	ASKOF, AVRAHAM	3,062,863
ADAPTIVE SYMBIOTIC TECHNOLOGIES LLC	2,919,356	AMGEN INC.	2,873,549	ASML NETHERLANDS B.V.	2,977,637
ADAPTIX LTD	3,011,305	AN, JEON WOONG	3,027,979	ASTRAZENECA AB	3,003,070
ADLER, ROBERT	3,089,191	AN, JIANGHONG	2,865,675	ASTUTE MEDICAL, INC.	2,918,105
ADVANCED FUSION SYSTEMS LLC	2,943,060	ANANTHACHAR, SUDHIR	2,966,520	ATAKAN, VAHIT	2,968,449
ADVANSIX RESINS & CHEMICALS LLC	3,062,863	ANDERSON, MICHAEL W.	2,994,439	ATB THERAPEUTICS	2,929,547
AFTON CHEMICAL CORPORATION	2,991,787	ANDOR, MOLLI J.	2,911,806	ATEA PHARMACEUTICALS, INC.	3,128,793
AGARAM.COM CO.,LTD.	2,917,223	ANDOR, RONALD J.	2,911,806	ATES, ALI	3,034,648
AGARWAL, SHRUTI	2,728,622	ANDRE, JEROME	2,910,647	AUERBACH, WOJTEK	2,963,951
AGILE DEVICES, INC.	2,890,745	ANDREJKO, ERIK	2,960,424	AUGUSTYN, CHRISTINA	2,900,992
AGRAWAL, GAURAV	3,131,992	ANDRITZ INC.	2,911,788	AUTONOMIX MEDICAL, INC.	3,030,143
AHEARN, KEVIN	3,076,511	ANGLADE, PIERRE	2,982,876	AVALON HOLOGRAPHICS INC.	2,889,674
AHUJA, MANISH	2,937,839	ANGLE, SIDDHESH	3,000,872	AVALON HOLOGRAPHICS INC.	3,091,397
AI ALPINE US BIDCO INC.	2,921,267	ANHEUSER-BUSCH INBEV SA	2,943,482	ANHUI HUAMI	3,144,726
AIDA, YUUKI	3,051,438	AN INFORMATION TECHNOLOGY CO., LTD.	3,071,699	APERLICH, DORIAN	2,966,319
AIRBUS DEFENCE AND SPACE SAS	3,169,302	ANIMAL DYNAMICS LIMITED	2,971,293	APERLICH, PAUL R.	3,094,169
AITCHISON, GARY	2,918,637	ANIMAL ORALECTRICS LLC	2,936,087	APERLINK, JOHN MARK	2,917,554
AJDEN, PER	2,969,302	ANRAKU, YASUTAKA	2,931,056	AVILA, LUIS MIGUEL	3,081,865
AKZO NOBEL CHEMICALS INTERNATIONAL B.V.	2,969,302	ANTECIP BIOVENTURES II LLC	3,154,845	AYER, AMIT B.	3,094,712
AL-BADRAN, MOHAMMAD SAUD	3,069,678	APOGENIX AG	2,946,402	B9CREATIONS, LLC	3,028,352
AL-SABAWI, MUSTAFA	3,131,992	APONTE, RAPHAEL	2,818,917	BABCOCK, MEGHAN	2,906,784
ALBERO, ANA MARIA GAMO	3,091,670	ARANDA GALLEGOS, PILAR	2,943,942	BABCOOK, JOHN	2,889,864
ALBERS, KATHLEEN ELIZABETH	2,936,186	ARASU, TAMIL	3,080,983	BACHELDER, THEODORE J.	2,911,806
ALBERT, FREDERIC	2,941,669	ARAUJO, JOSE	3,093,180	BAILEY, JEFFREY S.	3,060,165
ALDOR-NOIMAN, SIVAN	2,960,424	ARCARO, DAVID J.	3,071,133	BAILEY, SCOTT WILLIAM	3,053,175
ALEHIN, ALEXANDR IVANOVICH	3,091,617	ARCELORMITTAL	3,025,451	BAKER HUGHES HOLDINGS LLC	3,009,181
ALEKSEYEV, VIKTOR YURYEVICH	2,889,864	ARCELOMITTAL	3,082,063	BAKER HUGHES HOLDINGS LLC	3,062,497
ALEXANDER, MILES D.	2,962,747	ARCHER DANIELS MIDLAND COMPANY	2,951,260	BAKER HUGHES HOLDINGS LLC	3,083,731
ALEXANDERWERK GMBH	2,978,825	ARCHER, BOBY O.	3,060,165	BAKER HUGHES INCORPORATED	2,966,519
ALLAWI, HATIM T.	2,967,466	ARMAMENTA, ROBERTO E.	2,933,995	BAKER HUGHES OILFIELD	2,968,380
ALLEN, ROBERT J.	2,917,840	ARMSTRONG, LYLE	3,140,619	OPERATIONS LLC	2,917,554
		ARMSTRONG, ROBERT	2,936,087	BAKER, BRADLEY WILLIAM	2,917,554
		ARMY, DONALD E., JR.	2,922,424		
		ARNOLD, WILLIAM K.	3,030,143		

Index des brevets canadiens délivrés
28 février 2023

BAKER, GORDON CARL	3,061,483	BELL, RUSSELL	3,000,310	BOS, BENJAMIN	3,012,713
BAKER, PHILIP NEWTON	2,952,763	BELLEVILLE, BENOIT	2,999,001	BOSE, BHASKAR	3,005,716
BAKER, THOMAS	3,066,484	BELMONTE MULA,		BOSS, ANDERS HASAGER	3,022,991
BALEF, VLAD	2,965,200	MANUELA	3,084,502	BOTT, RICHARD R.	2,889,864
BALL CORPORATION	3,090,266	BEN-CHANOCHE, EYAL	2,777,448	BOUDREAU, BRADLEY	2,883,074
BALL, BRIAN K.	2,921,046	BENCO, JOHN	3,075,743	BOURNE, ORSON	2,971,232
BALON, THOMAS	2,932,656	BENTLEY, MICHAEL	3,005,716	BOURQUE, ELYSE MARIE	
BANKS AND ACQUIRERS INTERNATIONAL HOLDING	2,898,587	BERGERON, VINCENT	3,139,420	JOSEE	2,906,784
BANKS AND ACQUIRERS INTERNATIONAL HOLDING	2,910,647	BERGHOFF, EMILY	3,084,920	BOUSFIELD, MICHAEL	3,162,576
BANKS AND ACQUIRERS INTERNATIONAL HOLDING	2,946,145	BERGMAN, ADAM SCOTT	2,954,501	BOUTIQUE, JEAN-POL	3,102,285
BANKS, WILLIAM	3,072,232	BERGSTEIN, IVAN	2,911,191	BOUTOT, KENNETH R.	3,118,891
BAO, BO	2,963,759	BERHANE, ABRAHAM	3,091,692	BOYANOV, BOYAN	3,026,285
BAPTISTE, FRANCOIS	2,896,215	BERKELEY LIGHTS, INC.	3,005,077	BOYCE, STEPHEN MICHAEL	2,966,520
BAR-GADDA, RONNY	2,963,282	BERKOUT, VADYM	2,955,865	BOYD, ALAN CHRISTOPHER	2,947,125
BAR-ZEEV, AVI	2,927,096	BERKSHIRE GREY		BOYD, GREGORY R.	3,091,346
BARGES, PATRICK	3,082,063	OPERATING COMPANY, INC.	3,076,511	BRADD, KYLE MICHAEL	3,059,292
BARJON, CLEMENT	2,950,413	BERNARD, FREDDY	2,971,658	BRADLEY, CALVIN RHETT	3,089,905
BARNES, KEITH	3,048,679	BERNDTSSON, GUNILLA	3,093,180	BRAUN GMBH	3,079,006
BARRETT, PHILIP A.	3,103,291	BERRY, RICHARD	2,916,117	BREAS MEDICAL AB	2,941,086
BASEETH, SHIREEN	2,951,260	BERTHIAUD, OLIVIER	2,910,647	BREEN, SCOTT M.	3,091,990
BASF AGRICULTURAL SOLUTIONS SEED US LLC	2,728,622	BETTERIDGE, PAUL	3,011,305	BREGA, MOOREA	2,960,424
BASF AGRO B.V.	2,818,917	BEVENSEE, BRENDAN		BRENNE, LARS	2,990,516
BASF CORPORATION	2,933,058	ELWOOD	3,006,553	BRIAN, ALEXANDER JAMES	2,988,515
BASF SE	2,914,279	BGC PARTNERS, INC.	2,721,810	BRIMERT, THOMAS	2,970,062
BASF SE	2,969,027	BHANTOO, JENITA	2,940,500	BRINKMANN, JOHN M.	3,096,485
BATDORF, KEVIN SCOTT	3,036,855	BIAGETTI, MATTEO	2,960,703	BRINKMANN, ULRICH	3,079,129
BAU-MADSEN, NIELS KRISTIAN	3,054,601	BILINSKY, HENRY CLAUDIUS	3,001,742	BRISSET, ALAIN	2,974,475
BAUDASSE, YANNICK	2,969,300	BILLOT, CAROLE	2,969,300	BRISTOL, ANDREW	2,958,755
BAUER, MARIUS	3,064,168	BINZ, LARA	2,994,439	BRITA LP	3,000,310
BAUER, MARIUS	3,082,200	BIOSENSE WEBSTER (ISRAEL) LTD.		BRITISH COLUMBIA CANCER AGENCY BRANCH	2,865,675
BAUGHMAN, ROBERT A.	3,022,991	BIOSENSE WEBSTER (ISRAEL) LTD.	2,869,531	BRITTELLE, SAMANTHA K.	3,053,175
BAXLEY, JAMES	3,098,648	BISHOP, DONALD PAUL		BRITTON, ROBERT A.	2,931,040
BAYER ANIMAL HEALTH GMBH	2,929,390	BLACHE, ANDREAS	2,915,684	BROEDERS, BERT	3,060,342
BEAU-LARVOR, CHARLOTTE	3,002,765	BLACHFORD, MARCUS	2,962,425	BROOKES, DANIEL WILLIAM	2,957,868
BEAULIEU, NORMAND	2,999,001	BLACKBURN, DOUG	2,943,060	BROOKS, CHRISTOPHER	2,911,191
BEAUMONT, KRISTIN G.	3,005,077	BLAKE, JAMES F.	2,943,886	BROOUN, ALEXEI	3,089,936
BEAURLINE, JOSEPH	2,926,736	BLAST MOTION INC.	2,903,158	BROTHER KOGYO	
BECKETT, TREVOR	2,965,127	BLOOMBERG, STEVEN S.	2,934,679	KABUSHIKI KAISHA	3,093,682
BECKHOFF AUTOMATION GMBH	3,121,022	BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS	2,988,515	BROUSSAS, MATTHIEU	3,002,765
BECKMAN, BRIAN C.	2,927,096	BOBST MEX SA	2,921,046	BROWN, DOUGLAS ALAN	2,985,289
BECOULET, JULIEN FABIEN PATRICK	2,952,914	BOBYK, BRIAN ROBERT	2,934,679	BROWN, GREGORY	
BEDFORD SYSTEMS LLC	2,965,127	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	3,005,716	ANTHONY	2,894,064
BEDORE, MATTHEW W.	3,081,371	BOELTE, WILLIAM F.	2,962,425	BROWN, ROBERT	3,155,492
BEEMILLER, PETER J.	3,005,077	BOESCHENSTEIN, HAROLD	2,974,303	BROWN, SCOTT M.	3,038,212
BEENTJES, IVAN	3,074,785	BOHNKE, HARALD	2,972,252	BROWN, SCOTT M.	3,046,500
BEOLOGICS, INC.	2,777,448	BOHNKE, NIELS	2,914,279	BROWN, STEPHEN C.	2,941,526
BEGGS, ROBERT D.	3,104,047	BOLCA, SELIN	3,031,375	BRUGGEMANN, MARTIN	3,030,143
BEHROOZ, ALI	3,014,608	BOLOTNIKOV, ALEXANDER VIKTOROVICH	2,989,882	BRUNINGHAUS, MICHAEL	2,951,551
BEJAWADA, NARENDRER	3,094,169	BOOIJ, AREND	2,974,303	BRUNO, LOUIS J.	2,922,424
BELL HELICOPTER TEXTRON INC.	2,997,285	BOONE, JAMES	2,914,279	BRUSH, TIMOTHY J.	2,971,818
BELL, MICHAEL THOMAS	3,003,787	BOONZAIER, JAMES	2,929,390	BUCCUVALAS, STEVEN	2,975,305
BELL, ROBERT GERARD	2,950,687	BORCHERS, GEORG	3,028,031	BUELL, SEZEN	2,966,889
		BOREALIS AG	3,011,756	BULOT, NICOLAS	2,969,498
		BORGGMANN, CORNELIA	3,060,342	BURDI, ROGER D.	3,007,736
		BORING, ERIC	3,011,756	BURSAL, FARUK HALIL	2,972,252
			2,994,439	BURTON, STEPHANIE L.	2,963,951
					2,782,557

Index of Canadian Patents Issued
February 28, 2023

BUSSON, PIERRE	2,950,413	CEG TECHNOLOGY UK	CHOJECKI, ADAM	2,954,285	
BUSUTTIL, JOHN	2,967,343	LIMITED	CHONG, YAP SENG	2,952,763	
BUSZELLO, KATRIN	2,949,882	CELIK, AVNI	CHOPRA, NAVEEN	3,031,967	
BUTLER, NEIL	2,932,656	CELLVAX	CHOWDHURY, TOWFIQ	3,059,292	
BYRNE, DANIEL P.	3,007,736	CEMCO, LLC	CHRETIEN, PASCAL	3,097,684	
BYRNE, NORMAN R.	3,007,736	CENTRE HOSPITALIER	CHRISTOPHERSON, MICHAEL	2,935,411	
BYUN, JEONG SU	3,084,139	UNIVERSITAIRE	CHU, KAPAN	2,980,783	
C.R. BARD, INC.	2,967,015	VAUDOIS (C.H.U.V)	CHU, TA-YA	2,990,283	
CA PHARMA INC.	3,162,576	CENTRE NATIONAL DE LA	CHUDOVA, DARYA	3,027,919	
CABONI, MICHELE	2,861,205	RECHERCHE	CHUETSU PULP & PAPER CO., LTD.	2,967,757	
CABRERA, LUIS FELIPE	2,946,157	SCIENTIFIQUE-CNRS-	CIARCIA, CHRISTOPHER	2,899,728	
CACCIA, ALEX	2,971,293	CESARONI, WILLIAM C.	ALBERT	2,899,728	
CAHILL, MICHAEL	2,956,067	CHAMPAGNE, CHRISTIAN	CIENA CORPORATION	3,099,841	
CAHILL, RICHARD C.	2,962,425	CHAMPAGNE, CLEMENTINE	CIOFFI, CHRISTOPHER	2,947,174	
CAI, JIE	3,163,462	CHAMPION, THIERRY	CIRCASSIA LIMITED	2,689,260	
CAI, XIUYU	3,026,285	CHANG, TAK LUNG	CIRRITO, THOMAS P.	2,911,191	
CAILLETEAU, BENOIT	2,960,885	CHANG, YAO-JEN	CITRIX SYSTEMS, INC.	3,095,171	
CALEIRA DOS SANTOS		CHANG, YAO-JEN	CLARK EQUIPMENT COMPANY	2,965,987	
CARDOZO, LUIS FILIPE	3,049,801	CHANG, YIDAN	CLARK, RUTILIO	2,873,549	
CALLERAME, JOSEPH	2,864,354	CHARBONNIER, SIMON	CLARK, SEAN	3,077,119	
CALLISON, DARCI RENEE	3,059,292	PIERRE CLAUDE	CHARVET, DIDIER	3,094,754	
CAMACHO, SUSANA	2,908,365	CHART INC.	CHATTELL, TIMOTHY	3,051,629	
CAMERON TECHNOLOGIES		CHARVET, DIDIER	CHATTERJEE, ARNAB	3,091,670	
LIMITED	2,935,097	CHAUDHARY, BHARAT I.	CHAUDHARY, BHARAT I.	2,965,306	
CAMERON TECHNOLOGIES		CHEATHAM, LLOYD R.	CHEATHAM, LLOYD R.	2,963,933	
LIMITED	2,961,059	CHEMATOR, LP	CHEN, FENG	3,149,740	
CAMPBELL, CHRIS	2,728,622	CHEN, HUIFEN	CHEN, HUIFEN	3,059,292	
CAMPBELL, JEFF	3,080,983	CHEN, LI	CHEN, PING	2,934,679	
CAMPBELL, JENNIFER	3,091,397	CHEN, PING	CHEN, PING	3,094,197	
CAMSO INC.	2,844,350	CHEN, TERRENCE	CHEN, TERRENCE	2,959,537	
CANADIAN WILDLIFE		CHENG, HENGMIAO	CHENG, HENGMIAO	2,947,174	
FEDERATION /		CHENG, JIAQI	CHENG, KE	3,089,936	
FEDERATION		CHENG, KE	CHENG, SHAN	2,976,774	
CANADIENNE DE LA		CHENG, YOU-JUNG	CHENG, YOU-JUNG	2,976,947	
FAUNE	2,912,178	CHERCHI, MATTEO	CHERKU, SRINIVASA R.	3,059,510	
CANNAN, DAVID D.B.	2,914,975	CHERKU, SRINIVASA R.	CHESNOKOV, SERGEJ	2,930,290	
CANNON, EUGENE PETER	3,105,733	CHEUNG, ATWOOD	VALER'EVICH	3,001,997	
CAO, LIANGXIAN	3,080,983	CHEUNG, PIERRE YULMIN	CHEUNG, PIERRE YULMIN	2,918,805	
CAPECCHI, JOHN T.	2,926,736	CHEVRON U.S.A. INC.	CHENG, HENGMIAO	2,865,675	
CAPELLI, ANNA MARIA	2,960,703	CHI-KWAN LING, NICHOLAS	CHENG, JIAQI	3,122,382	
CAPITAL ONE FINANCIAL		CHENG, KE	CHENG, SHAN	2,969,609	
CORPORATION		CHENG, YOU-JUNG	CHIANG, NANCY	3,074,841	
CAPPELLO, PHILIP	2,902,473	CHERKU, SRINIVASA R.	CHICHAGOVA, VALERIA	3,053,175	
CARBONE, CHRISTOPHER		CHESNOKOV, SERGEJ	CHIESI FARMACEUTICI S.P.A.	COGNIAN TECHNOLOGIES	2,918,637
ALAN	2,874,315	CHERKU, SRINIVASA R.	CHIANG, NANCY	COHEN, BENJAMIN	3,076,511
CARLOS, PIERRE-LOUIS		CHESNOKOV, SERGEJ	CHIANG, NANCY	COLLABORATIVE	3,094,796
ALEXANDRE		CHERKU, SRINIVASA R.	CHIANG, NANCY	MEDICINAL	2,918,637
CARLUCCI, JOHN B.	2,966,126	CHIANG, NANCY	CHIANG, NANCY	DEVELOPMENT, LLC	2,972,590
CARNIATO, MICHAEL	2,646,146	CHIANG, NANCY	CHIANG, NANCY	COLLADO, MAXIME	3,025,704
CAROME, EDWARD	3,093,099	CHI-KWAN LING, NICHOLAS	CHI-KWAN LING, NICHOLAS	COBB, JOHN ZACHARIAH	3,135,623
CAROZZI, NADINE	3,134,707	CHI-KWAN LING, NICHOLAS	CHI-KWAN LING, NICHOLAS	COCHRANE, RICHARD	3,122,560
CARROLL, JEFFREY P.	2,728,622	CHIANG, NANCY	CHIANG, NANCY	COFFEY, ROBERT T.	2,971,818
CASALE SA	2,971,818	CHICHAGOVA, VALERIA	CHICHAGOVA, VALERIA	COGEN, JEFFREY M.	2,965,306
CASALE SA	2,969,023	CHIESI FARMACEUTICI S.P.A.	CHIQUET, MARINA	COGNIAN TECHNOLOGIES	2,965,306
CASALE SA	2,986,500	CHILDREN'S MEDICAL	CHIQUET, MARINA	COHEN, BENJAMIN	2,918,637
CASCADE WELLNESS		CENTER CORPORATION	CHIQUET, MARINA	COLEMAN, JOHN S.	3,076,511
TECHNOLOGIES, INC.		CHIN, EMILY N.	CHIQUET, MARINA	COLLABORATIVE	3,094,796
CASSANY, YOHANN	2,954,856	CHINA UNIVERSITY OF	CHIQUET, MARINA	MEDICINAL	2,972,590
CATERPILLAR INC.	2,987,220	MINING AND	CHIQUET, MARINA	DEVELOPMENT, LLC	3,025,704
CAUSER, MICHAEL	2,969,536	TECHNOLOGY	CHIQUET, MARINA	COLLADO, MAXIME	3,135,623
CAYER, DEVON	2,968,849	CHINNADURAI, SENTHIL K.	CHIQUET, MARINA	COBB, JOHN ZACHARIAH	3,122,560
CAZENEUVE, EDUARDO	3,048,415	CHOI, HA YOUNG	CHIQUET, MARINA	COCHRANE, RICHARD	2,971,818
ADRIAN	3,062,497	CHOI, HANA	CHIQUET, MARINA	COFFEY, ROBERT T.	2,965,306
CECE, PHILIPPE	2,898,587	CHOI, JIHYUN	CHIQUET, MARINA	COGEN, JEFFREY M.	2,965,306
		CHOI, SOONGYU	CHIQUET, MARINA	COGNIAN TECHNOLOGIES	2,965,306
				COHEN, BENJAMIN	2,918,637
				COLEMAN, JOHN S.	3,076,511
				COLLABORATIVE	3,094,796
				MEDICINAL	2,972,590
				DEVELOPMENT, LLC	3,025,704
				COLLADO, MAXIME	3,135,623
				COBB, JOHN ZACHARIAH	3,122,560
				COCHRANE, RICHARD	2,971,818
				COFFEY, ROBERT T.	2,965,306
				COGEN, JEFFREY M.	2,965,306
				COGNIAN TECHNOLOGIES	2,965,306
				COHEN, BENJAMIN	2,918,637
				COLEMAN, JOHN S.	3,076,511
				COLLABORATIVE	3,094,796
				MEDICINAL	2,972,590
				DEVELOPMENT, LLC	3,025,704
				COLLADO, MAXIME	3,135,623
				COBB, JOHN ZACHARIAH	3,122,560
				COCHRANE, RICHARD	2,971,818
				COFFEY, ROBERT T.	2,965,306
				COGEN, JEFFREY M.	2,965,306
				COGNIAN TECHNOLOGIES	2,965,306
				COHEN, BENJAMIN	2,918,637
				COLEMAN, JOHN S.	3,076,511
				COLLABORATIVE	3,094,796
				MEDICINAL	2,972,590
				DEVELOPMENT, LLC	3,025,704
				COLLADO, MAXIME	3,135,623
				COBB, JOHN ZACHARIAH	3,122,560
				COCHRANE, RICHARD	2,971,818
				COFFEY, ROBERT T.	2,965,306
				COGEN, JEFFREY M.	2,965,306
				COGNIAN TECHNOLOGIES	2,965,306
				COHEN, BENJAMIN	2,918,637
				COLEMAN, JOHN S.	3,076,511
				COLLABORATIVE	3,094,796
				MEDICINAL	2,972,590
				DEVELOPMENT, LLC	3,025,704
				COLLADO, MAXIME	3,135,623
				COBB, JOHN ZACHARIAH	3,122,560
				COCHRANE, RICHARD	2,971,818
				COFFEY, ROBERT T.	2,965,306
				COGEN, JEFFREY M.	2,965,306
				COGNIAN TECHNOLOGIES	2,965,306
				COHEN, BENJAMIN	2,918,637
				COLEMAN, JOHN S.	3,076,511
				COLLABORATIVE	3,094,796
				MEDICINAL	2,972,590
				DEVELOPMENT, LLC	3,025,704
				COLLADO, MAXIME	3,135,623
				COBB, JOHN ZACHARIAH	3,122,560
				COCHRANE, RICHARD	2,971,818
				COFFEY, ROBERT T.	2,965,306
				COGEN, JEFFREY M.	2,965,306
				COGNIAN TECHNOLOGIES	2,965,306
				COHEN, BENJAMIN	2,918,637
				COLEMAN, JOHN S.	3,076,511
				COLLABORATIVE	3,094,796
				MEDICINAL	2,972,590
				DEVELOPMENT, LLC	3,025,704
				COLLADO, MAXIME	3,135,623
				COBB, JOHN ZACHARIAH	3,122,560
				COCHRANE, RICHARD	2,971,818
				COFFEY, ROBERT T.	2,965,306
				COGEN, JEFFREY M.	2,965,306
				COGNIAN TECHNOLOGIES	2,965,306
				COHEN, BENJAMIN	2,918,637
				COLEMAN, JOHN S.	3,076,511
				COLLABORATIVE	3,094,796
				MEDICINAL	2,972,590
				DEVELOPMENT, LLC	3,025,704
				COLLADO, MAXIME	3,135,623
				COBB, JOHN ZACHARIAH	3,122,560
				COCHRANE, RICHARD	2,971,818
				COFFEY, ROBERT T.	2,965,306
				COGEN, JEFFREY M.	2,965,306
				COGNIAN TECHNOLOGIES	2,965,306
				COHEN, BENJAMIN	2,918,637
				COLEMAN, JOHN S.	3,076,511
				COLLABORATIVE	3,094,796
				MEDICINAL	2,972,590
				DEVELOPMENT, LLC	3,025,704
				COLLADO, MAXIME	3,135,623
				COBB, JOHN ZACHARIAH	3,122,560
				COCHRANE, RICHARD	2,971,818
				COFFEY, ROBERT T.	2,965,306
				COGEN, JEFFREY M.	2,965,306
				COGNIAN TECHNOLOGIES	2,965,306
				COHEN, BENJAMIN	2,918,637
				COLEMAN, JOHN S.	3,076,511
				COLLABORATIVE	3,094,796
				MEDICINAL	2,972,590
				DEVELOPMENT, LLC	3,025,704
				COLLADO, MAXIME	3,135,623
				COBB, JOHN ZACHARIAH	3,122,560
				COCHRANE, RICHARD	2,971,818
				COFFEY, ROBERT T.	2,965,306
				COGEN, JEFFREY M.	2,965,306
				COGNIAN TECHNOLOGIES	2,965,306
				COHEN, BENJAMIN	2,918,637
				COLEMAN, JOHN S.	3,076,511
				COLLABORATIVE	3,094,796
				MEDICINAL	2,972,590
				DEVELOPMENT, LLC	3,025,704
				COLLADO, MAXIME	3,135,623
				COBB, JOHN ZACHARIAH	3,122,560
				COCHRANE, RICHARD	2,971,818
				COFFEY, ROBERT T.	2,965,306
				COGEN, JEFFREY M.	2,965,306
				COGNIAN TECHNOLOGIES	2,965,306
				COHEN, BENJAMIN	2,918,637
				COLEMAN, JOHN S.	3,076,511
				COLLABORATIVE	3,094,796
				MEDICINAL	2,972,590
				DEVELOPMENT, LLC	3,025,704
				COLLADO, MAXIME	3,135,623
				COBB, JOHN ZACHARIAH	3,122,560
				COCHRANE, RICHARD	2,971,818
				COFFEY, ROBERT T.	2,965,306
				COGEN, JEFFREY M.	2,965,306
				COGNIAN TECHNOLOGIES	2,965,306
				COHEN, BENJAMIN	2,918,637
				COLEMAN, JOHN S.	3,076,511
				COLLABORATIVE	3,094,796
				MEDICINAL	2,972,590
				DEVELOPMENT, LLC	3,025,704
				COLLADO, MAXIME	3,135,623
				COBB, JOHN ZACHARIAH	3,122,560
				COCHRANE, RICHARD	2,971,818
				COFFEY, ROBERT T.	2,965,306
				COGEN, JEFFREY M.	2,965,306
				COGNIAN TECHNOLOGIES	2,965,306
				COHEN, BENJAMIN	2,918,637
				COLEMAN, JOHN S.	3,076,511
				COLLABORATIVE	3,094,796
				MEDICINAL	2,972,590
				DEVELOPMENT, LLC	3,025,704
				COLLADO, MAXIME	3,135,623
				COBB, JOHN ZACHARIAH	3,122,560
				COCHRANE, RICHARD	2,971,818
				COFFEY, ROBERT T.	2,965,306
				COGEN, JEFFREY M.	2,965,306
				COGNIAN TECHNOLOGIES	2,965,306
				COHEN, BENJAMIN	2,918,637
				COLEMAN, JOHN S.	3,076,511
				COLLABORATIVE	3,094,796
				MEDIC	

Index des brevets canadiens délivrés
28 février 2023

CONLON, MICHAEL	2,947,174	DAVIES, LEE ADRIAN	2,947,125	DILLON, MARK	3,037,710
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS	2,943,942	DAVIS, JASON	2,844,350	DIMARCO, MICHAEL A.	2,903,688
CONSTRUCTION RESEARCH & TECHNOLOGY GMBH	2,969,302	DAVIS, MADELINE	2,959,162	DIMONTE, EUGENE L.	2,938,076
CONTINUUS MATERIALS INTELLECTUAL PROPERTY, LLC	3,122,560	DAVIS, SCOTT KEVIN	3,149,740	DINCA, DAN-CRISTIAN	2,864,354
COOK, ADAM	2,934,679	DAVIS, THOMAS	3,080,983	DINGS, STEVE	3,104,047
COOKE, RANDY WILLIAMS	2,943,886	DAWSON, KARL W.	3,110,558	DINNALL, SHERIDON	3,108,188
COOPER, ANDREW J.	2,843,162	DAWSON-HAGGERTY, MICHAEL	3,076,511	DITTELSDORF, BERND	2,948,639
COPITHORNE, MATTHEW	2,917,840	DAY, DELBERT E.	2,965,308	DITTUS, SEBASTIAN	2,969,951
COPLESTONE, RODNEY	2,923,960	DAY, WESLEY	2,926,321	DITTUS, SEBASTIAN	2,970,555
CORNELL, ANN	3,115,138	DE JESUS, LEYDYS DENISS	3,025,704	DOBELL, COLIN	3,023,741
CORNING OPTICAL COMMUNICATIONS LLC	3,025,704	DE LAME, CELINE	3,062,863	DOBSKY, DAVID	3,091,824
CORSON, DON	3,080,983	DE OLIVEIRA, AVELINO	3,002,581	DOCKAL, MICHAEL	2,867,363
CORTEVA AGRISCIENCE LLC	2,782,557	DE POORTERE, JOHAN	3,102,285	DOLAN, WILLIAM	2,933,058
CORTEVA AGRISCIENCE LLC	2,879,860	MAURICE THEO	2,939,219	DONALDSON, IAN	2,943,886
COSTA, EVAN	2,935,859	DE ROULET, DANIEL	3,036,855	DONG, LIANG	3,103,329
COSTA, FRANCIS	3,060,342	DE VAZ, DMITRI JUDE	3,077,119	DORIA, HEATHER ANNE	3,044,750
COSTON, BRIAN	3,033,244	DEACON, GRAHAM	2,936,308	DOTZAUER, DAVID	3,102,614
COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	2,807,749	DEAN, YANN	2,936,308	DOU, FENGHUI	3,057,183
COURTEMANCHE, DENIS	2,844,350	DEHGHN TEZERJANI,	2,902,741	DOUD, BRIAN LEE	3,083,721
COUSIN, JEAN-DANIEL	2,970,041	ABBASALI	2,914,975	DOW GLOBAL TECHNOLOGIES LLC	2,954,285
COVIDIEN LP	2,966,319	DEKA PRODUCTS LIMITED	2,950,272	DOW GLOBAL	2,965,306
COYES, CORBIN	3,095,034	PARTNERSHIP	2,936,308	TECHNOLOGIES LLC	2,985,432
CRAFT, APRIL M.	2,908,369	DELBRIDGE, EWAN E.	2,936,308	DOWDING, PETER JOHN	3,050,161
CREED, JENNIFER	3,044,262	DELCROS, JEAN-GUY	2,950,413	DRAKA ELEVATOR	2,903,688
CROSS, LEE	2,959,162	DELHEM, NADIRA	2,903,993	PRODUCTS INC.	2,997,285
CROW, STEPHEN LEE	2,938,068	DELIE, FLORENCE	2,959,756	DREAMWELL, LTD.	3,042,562
CRYOVAC, INC.	2,966,165	DELLINGER, RYAN W.	3,034,901	DRENNAN, JOSEPH SCOTT	2,970,240
CRYSTAL, ROGER	2,950,687	DELST, CORNELIS JAN	3,036,855	DRISTY, MARK E.	3,056,418
CULLIGAN, SEAN WILLIAM	3,056,353	DELTA CONTROLS INC.	2,910,647	DROZ, PIERRE-YVES	2,946,249
CULLUM, MALFORD E.	3,030,143	DEMANGE, FABIEN	2,956,713	DRUMMOND, SCOTT	2,933,995
CULLUM, MALFORD E.	3,061,647	DEMATIC CORP.	2,968,748	DSM NUTRITIONAL	3,103,329
CURIUM US LLC	3,049,907	DEMATIC GMBH	2,914,975	PRODUCTS AG	3,057,009
CURTIS, MICHAEL P.	3,081,371	DEMERS, JASON A.	3,004,753	DUAN, CHENLONG	2,958,888
CYNATA THERAPEUTICS LIMITED	3,042,562	DEMETRIOU, GIORGIO	3,018,774	DUAN, XIAOSONG	2,728,622
D'ORGEVAL, TRISTAN	2,960,424	DEMOPULOS, GREGORY A.	3,008,818	DUBUQUE, SHAUN F.	2,944,501
D'ORLANDO, PAUL M.	2,922,424	DEMOPULOS, GREGORY A.	2,917,840	DUCK, NICHOLAS B.	3,004,753
DADD, LYLE	2,971,818	DEMOSS, LARRY K.	3,042,183	DUDLER, THOMAS	3,018,774
DAGAR, PRASHANT	2,876,468	DEMUYLDER, PETER	3,065,792	DUFF, JASON	3,054,521
DAIFUKU CO., LTD.	2,949,771	DENCHEV, VASIL S.	3,065,792	DUKE UNIVERSITY	2,841,376
DAIFUKU CO., LTD.	2,949,776	DENG, DA	3,089,251	DUMAS, BRUNO	2,965,202
DAIRY CREST LIMITED	3,167,997	DENHAM, NIALL	2,984,446	DUMONT, GUILLAUME	2,976,947
DAKUBO, GABRIEL	3,044,262	CHRISTOPHER	2,939,219	DUNLAVEY, JAMES THOMAS	3,122,382
DALES, NATALIE	2,918,805	DENICOURT, ALBAN	2,933,995	DUPUY, TOMMY	2,946,249
DAMBACHER, COREY M.	3,048,415	DENNIS, DOROTHY A.	3,083,721	DUTREMBLE, THOMAS PAUL	2,965,127
DANDURAND, JULES	2,844,350	DEOLALIKAR, NEELESH V.	2,934,891	DESAI, PIYUSH	3,028,031
DANI, NIKHIL P.	3,000,310	DEPREZ, NICHOLAS RYAN	3,069,326	DWIGGINS, JOHN H.	2,948,665
DANIEL, WILLIAM S.	2,962,425	DESMARAIS, ADRIEN	3,147,521	E INK CALIFORNIA, LLC	3,091,692
DANISCO US INC.	2,889,864	DEVARAMA, MARUTHI	2,921,267	E-Z BEAD, LLC	3,099,184
DANMARKS TEKNISKE UNIVERSITET	2,970,576	NARASINGA RAO	3,089,251	EAGLE VIEW	2,899,728
DARY, BRADLEY	3,147,521	DEVINE, CONOR	2,984,446	TECHNOLOGIES, INC.	3,079,010
DATHE, HENDRIK	2,966,244	DEVINE, JACK EDWARD	2,939,219	EARY, CHARLES TODD	2,954,501
DAVIDI, GILAD	3,020,908	DEVITA, ROBERT	3,094,407	EASTER, RONALD B.	3,084,162
DAVIDIAN, THOMAS	2,954,285	DEVLIN, JOHN P.	2,856,350	EASTERN TECHNOLOGIES, INC.	2,911,299
DAVIES, EVAN LLOYD	3,081,865	DEWA, YOSHIHARU	2,964,712	EATON INTELLIGENT POWER	2,911,591
DAVIES, JAMES	3,089,251	DEWA, YOSHIHARU	2,968,849	LIMITED	2,983,786
		DEY, TANMOY	3,081,865	EATON INTELLIGENT POWER	
		DIAZ, ASHTON E.	2,984,459	LIMITED	
		DICKENSCHIED, LOTHAR	3,079,129	EATON INTELLIGENT POWER	
		DICKOPF, STEFFEN	3,122,382	LIMITED	
		DIECKMANN, GUNTHER	3,071,133	EATON INTELLIGENT POWER	
		HANS		LIMITED	
		DIENNO, DUSTIN V.			

Index of Canadian Patents Issued
February 28, 2023

EATON INTELLIGENT POWER LIMITED	2,984,446	F. HOFFMANN-LA ROCHE AG	3,079,129	FRANANO, F. NICHOLAS	3,088,022
ECHIGO, MITSUAKI	2,961,714	FACC AG	3,094,197	FRANCES, JEAN-MARC	3,009,545
ECK, KEVIN B.	2,966,465	FACC AG	2,959,433	FRANKIEWICZ, GREGORY	
ECOLAB USA INC.	3,102,614	FAHRTHOFER, GEORG	3,108,395	PHILIP	3,059,292
ECOLE POLYTECHNIQUE	2,943,942	FAIRALL, EARL	3,089,191	FRANKLIN FUELING	
EDDYFI ROBOTICS INC.	3,023,741	FANG, DOUGLAS DONG	3,069,326	SYSTEMS, INC.	2,935,411
EDGEWELL PERSONAL CARE BRANDS, LLC	2,949,544	FARHI, EDWARD HENRY	3,094,449	FRASER, GARTH JOHN	3,095,034
EDGEWELL PERSONAL CARE BRANDS, LLC	2,966,889	FARRUGIA, VALERIE M.	3,088,650	FRAUNHOFER-	
EDWARDS LIFESCIENCES CORPORATION	2,962,747	FATTAL, DAVID A.	3,031,967	GESELLSCHAFT ZUR	
EDWARDS LIFESCIENCES CORPORATION	2,977,419	FATTAL, DAVID A.	2,993,793	FOERDERUNG DER	
EIS, ELIN JOHANNA	2,985,432	FATTAL, DAVID A.	3,064,378	ANGEWANDTEN	
ELANCO US INC.	3,014,461	FATTAL, DAVID A.	3,064,724	FORSCHUNG E.V.	3,033,256
ELANTAS PDG, INC.	2,968,849	FATTAL, DAVID A.	3,079,967	FRECHETTE, STEVE	3,031,007
ELKEM SILICONES FRANCE SAS	3,009,545	FATTAL, DAVID A.	3,101,585	FRED HUTCHINSON CANCER	
ELLIOTT, TYLER	3,080,978	FAUL, DIETER	2,969,027	CENTER	
ELMS, DAVID JAMES	2,907,225	FEDORA, JOSEPH	2,966,889	FREEMAN, EMILY	2,830,953
ELTOUKHY, HELMY	3,027,919	FEET, CHRISTOPHER D.	2,966,465	FRENDEWEY, DAVID	2,947,174
ELVECROG, JAMES	2,926,736	FEHRENBACH, THOMAS	3,033,256	FRESENIUS MEDICAL CARE	2,900,992
EMADI, ALI	2,925,770	FEINBERG, LARRY F.	3,033,256	DEUTSCHLAND GMBH	
ENDERLE, DANIEL	3,084,920	FELDMAN, DEREK	2,916,759	FREUDENBERG OIL & GAS,	2,926,718
ENDRODI, BALAZS	3,115,138	FELDMAN, JANET	3,020,908	LLC	
ENEDYM INC.	2,925,770	SCHWARTZ	3,020,908	FREZZA, ENRICO	3,095,381
ENLIGHTEN INNOVATIONS INC.	3,039,380	FELIX, VALENTIN	2,896,215	FRIMAN, LINDA	3,022,180
ENPRESS LLC	3,090,666	FELLNER, THOMAS	2,924,735	FRITSCH, THOMAS	2,984,845
EPSTEIN, RYAN J.	3,091,346	FEMPULSE, LLC	2,911,633	FROCHLICH, NICHOLAS	
ERIKSEN, JOHAN	3,054,601	FENNY, CARLOS	3,101,585	ROBERT	3,079,006
ESPOSITO, FREDERIC VLADIMIR	2,983,786	ALEXANDER	2,997,285	FUCHIGAMI, KEI	2,911,788
ESS-HELP, INC.	3,135,623	FERGUSON, DAVID GEORGE	3,091,346	FUERST, ANGELIKA	2,945,735
ESSEGHIR, MOHAMED	2,965,306	FERGUSON, SAMUEL	3,065,792	FUJITA, JUN	3,040,637
ESSITY HYGIENE AND HEALTH AKTIEBOLAG	3,094,407	ANDREW	3,049,801	FUJIWARA, DAISUKE	3,036,197
ESTELL, DAVID A.	2,889,864	FERNADES VAZ MARTINS, MANUEL JOAO	2,974,996	FUKUDA, KEIICHI	
ETHINGTON, JAMES	2,960,424	FERREIRA, LOUIS	3,087,700	FUKUSATO, YU	3,040,637
EVAIN, GAEL FREDERIC CLAUDE CYRILLE	2,966,126	FERRO CORPORATION	3,131,992	FULEKI, DAN	2,931,056
EVANS, DANIEL C.	2,951,922	FERRUGHELLI, DAVID T.	2,914,975	FUNG, TRACY HELEN	2,925,859
EVANS, MARK	3,011,305	FICHERA, STEPHEN L.	3,060,743	FURLAN, WAYNE R.	2,966,519
EVANS, STEPHEN C.	2,935,859	FIELDPOINT (CYPRUS) LTD.	2,938,068	FURLONG, COSME	
EVANS, STEPHEN DAVID	2,934,235	FIPKE, STEVEN	3,011,756	FURST, WALTER	2,959,433
EVAPCO SYSTEMS LMP, ULC	2,897,081	FISCHER, FRANK	2,965,987	FURUYAMA, SHUSUKE	2,969,192
EVAPCO, INC.	2,920,056	FISER, JAROSLAV	2,954,285	GAAI, PETER	2,923,887
EVONIK OPERATIONS GMBH	2,966,520	FISH, BARRY B.	2,954,285	GABRIEL, MICHAEL	3,019,679
EVONIK OPERATIONS GMBH	3,011,756	FISHER & PAYKEL	2,934,235	RICHARD	
EWIN, RICHARD A.	3,081,371	HEALTHCARE LIMITED	2,903,248	GALECTO BIOTECH AB	3,104,312
EXACT SCIENCES CORPORATION	2,967,466	FLEMING, ROBERT A.	2,991,787	GALEN, WILLIAM M.	2,838,210
EXOSOME DIAGNOSTICS, INC.	3,084,920	FLETCHER, KRISTIN	3,062,863	GALGALI, GIRISH SURESH	3,060,342
EXXONMOBIL CHEMICAL PATENTS INC.	3,094,796	FLORES-VASQUEZ, JAIME	3,069,329	GAMBLIN, DENISE	3,030,143
EXXONMOBIL UPSTREAM RESEARCH COMPANY	3,131,992	FLUCK, JORDAN N.	2,934,891	GAMBLIN, DENISE	3,061,647
EYER, MARK	2,856,350	FMC CORPORATION	2,971,818	GAN, LI-MING	2,968,449
F. HOFFMANN-LA ROCHE AG	2,905,221	FOLK, AVERY	3,112,962	GAO, FENG	2,968,449
F. HOFFMANN-LA ROCHE AG	3,019,725	FOLK, RANDY	2,873,549	GARBIAN, YAEL	3,082,719
F. HOFFMANN-LA ROCHE AG	3,035,410	FOLTZ, IAN	3,085,251	GARCIA CASTRO, IVETTE	2,777,448
		FONTAINE MODIFICATION COMPANY	2,914,975	GARIKAPATI, NALINIKANTH	2,969,027
		FOO, BRIGHT, C.K.	2,957,868	GARTNER, ANDREAS	2,976,480
		FORDYCE, EUAN	3,038,447	GARUHDA LLC	2,979,301
		ALEXANDER FRASER	3,044,267	GASSEND, BLAISE	2,965,496
		FORMOSA, JOEL	3,076,511	GASSEND, BLAISE	3,056,418
		FORSELL, PETER	3,076,511	GASSENSCHMIDT, JORG	3,066,205
		FORT, WILLIAM HARTMAN	2,976,976	GATES, DANIEL QUENTIN	2,975,776
		FORTIER, LOUIS-CHARLES	2,988,418	GAUDEFROY, VINCENT	2,911,299
		FORTUNE BRANDS WATER INNOVATIONS LLC	2,981,630	GAUDreau, SIMON	2,943,942
		FP WIRELESS LLC	3,060,165	GAURAV, NEERAJ	2,976,976
		FRAHN, ANKE		GAUSTAD, TOM ODIN	2,876,468
				GAW, SHAN E.	2,990,516
					2,932,536

Index des brevets canadiens délivrés
28 février 2023

GAZZARD, LEWIS	2,934,679	GLAXOSMITHKLINE	GUALA, MATILDE	2,960,703
GBRIC, DJORJDE	2,976,976	CONSUMER	GUANGAN LIER CHEMICAL	
GC CELL CORPORATION	3,013,187	HEALTHCARE (UK) IP	CO., LTD.	3,163,462
GD MIDEA AIR- CONDITIONING EQUIPMENT CO., LTD.	3,085,727	LIMITED	GUANGDONG OPPO MOBILE	
GE ENERGY POWER CONVERSION TECHNOLOGY LIMITED	2,927,275	GLENNON, MARY L.	TELECOMMUNICATIONS	
GEDDAM, VEERA VENKATA RAVI KUMAR	3,061,483	GLOBAL BLOOD	CORP., LTD.	3,065,843
GEIM, ANDRE K.	2,961,293	THERAPEUTICS, INC.	GUANGDONG OPPO MOBILE	
GEIST, LUCAS	3,011,756	GLOBAL LIFE SCIENCES	TELECOMMUNICATIONS	
GEISZLER, THEODORE D.	2,981,630	SOLUTIONS USA LLC	CORP., LTD.	3,066,664
GEITH, MARTIN	3,101,858	GLOVER, ROBERT DANIEL	GUANGDONG OPPO MOBILE	
GEMINO S.R.L.	2,851,058	GOESS-SAURAU, KONRAD	TELECOMMUNICATIONS	
GENENTECH, INC.	2,934,679	GOETSCH, LILIANE	CORP., LTD.	3,086,801
GENERAL CABLE TECHNOLOGIES CORPORATION	3,038,212	GOODMAN, HOWARD,	GUARDANT HEALTH, INC.	
GENERAL CABLE TECHNOLOGIES CORPORATION	3,046,500	MICHAEL GOODMAN, PAUL D.	GUARDIAN EUROPE S.A.R.L.	3,027,919
GENERAL CABLE TECHNOLOGIES CORPORATION	3,056,353	GOODSON, JAMES EDWARD	GUERFI, ABDELBAST	2,948,639
GENERAL CABLE TECHNOLOGIES CORPORATION	3,061,483	GOOGLE LLC	GUERIN, THOMAS	2,928,933
GENERAL ELECTRIC COMPANY	2,894,143	GOOGLE LLC	GUNAWARDANA, INDRANI W.	3,065,792
GENERAL ELECTRIC COMPANY	2,936,186	GORDON, JEREMY B.	GUNTSCH, JOHANNES	2,934,679
GENERAL ENERGY RECOVERY INC.	2,967,677	GORDON, JOHN HOWARD	FRIEDRICH RICHARD	3,050,161
GENERAL ENERGY RECOVERY INC.	3,147,521	GORGENS, ULRICH	GUO, JONG	2,965,648
GENESYS CLOUD SERVICES HOLDINGS II, LLC	3,064,565	GOSAR, ALES	GUPTA, ANIL	3,091,670
GENZYME CORPORATION	2,951,551	GOSSELIN, RANDALL E.	GURSEL, METE	3,065,792
GEOPIER FOUNDATION COMPANY, INC.	3,119,524	GORUVES, ROLAND	GUSTOF, GRZEGORZ	3,099,510
GEORGES, GUY	3,079,129	GOVARI, ASSAF	GUTRUF, PHILIPP	3,094,712
GEORGESON, GARY	2,964,400	GOVARI, ASSAF	GYSLER, PHILIPP	2,975,776
GERRITSEN, MARJOLIJN	3,049,907	GOWDA, ASHOK	HADDANI, YOUNES	2,901,721
GEYER, CHRISTOPHER	3,076,511	GPCP IP HOLDINGS LLC	HAEFLIGER, JACQUES-	
GHADDAB, BOUTHEINA	2,943,942	GRABARSE, WOLFGANG	ANTOINE	2,903,993
GHAHARY, AZIZ	2,706,479	GRACI, JASON D.	HAESSLER, ALEXANDRA	2,911,633
GHASSEMIAN, MORAD	2,938,076	GRANCHAROV, VOLODYA	HAEUW, JEAN-FRANCOIS	3,002,765
GIBSON, GORDON	3,123,387	GRANDI, RUGGERO	HAFNER, RODERICK PETER	2,689,260
GIBSON, JEFFREY SCOTT	2,911,299	GRANT, KEVIN L.	HAHN, JULIA JOHANNA	2,929,390
GIEFFERS, CHRISTIAN	2,946,402	GRAPHIC PACKAGING	HAIDLMAIR HOLDING GMBH	2,960,724
GIGNILLIAT, MICHAEL S.	2,911,806	INTERNATIONAL, LLC	HALL, DAVID S.	3,012,691
GILL, AARON MICHAEL	3,065,792	GRATTAN, ANTONY F.	HALL, MEG ELIZABETH	3,086,412
GILL, DEBORAH REBECCA	2,947,125	GRAY, GEOF J.	HALLENBACH, WERNER	2,929,390
GILLIER, JONATHAN	2,917,554	GRECO, PAUL M.	HALLIBURTON ENERGY	
GILMORE, DENNIS R.	3,087,700	GREEN, DILLARD HAIRSTON	SERVICES, INC.	3,083,721
GINESTRA, JOSIANE MARIE- ROSE	2,954,409	LLC	HALLIBURTON ENERGY	
GISLER, REBECCA	2,970,041	GREYROCK TECHNOLOGY,	SERVICES, INC.	3,089,099
GKN SINTER METALS, LLC	2,943,886	GRIES, GERHARD J.	HAMILTON SUNDSTRAND	
		GRIES, REGINE M.	CORPORATION	3,094,976
		GRIESENBACH, UTA	HAMILTON, GREGORY	2,922,424
		GRiffin, ANGELA	HAMMARSKJOLD,	
		GRiffin, DESMOND	CHRISTIAN	3,094,197
		GRIGO, UWE	HAN, BAEK SOO	2,965,200
		GRIGOROPOL, IOANA	GRIMM, UWE	3,084,139
		GRIMM, UWE	GRISHKEWICH, NATHAN	2,966,465
		GRODZINS, LEE	GRISHKEWICH, NATHAN	2,971,818
		GROENENDIJK, PETER E.	GROLEAU, CLAIRE	3,056,001
		CHARLOTTE	CHARLOTTE	3,056,001
		GRONER, WILHELM	CHARLOTTE	2,954,285
		GRUBER, EGON	CHARLOTTE	2,966,126
		GRUBER, SARAH	CHARLOTTE	3,093,071
		GU, HAIYAN	CHARLOTTE	2,979,291
		GU, ZHENGXIAN	CHARLOTTE	3,089,191
		GUADAGNO, PHILIP	CHARLOTTE	3,091,692
			HANSEN, ANKER JON	3,080,983
			HARDY, CRAIG	2,943,012
			HARGISS, TRACY	2,728,622
			HARI HARAN, ALVIN JUDE	3,093,180
			HARI, ANITHA	2,930,290
			HARRINGTON, FOREST	3,040,431
			HARRIS, JODY	3,019,725

Index of Canadian Patents Issued
February 28, 2023

HARRIS, WILLIAM	3,089,251	HOARE, SAMUEL ROGER	HWANG, HIU-ING	2,949,544
HARRISON, STEPHEN	2,841,376	JESSE	HWANG, JONG YEON	2,946,062
HARSCHNECK, TOBIAS	2,929,390	HOCEVAR, MARKO	HWANG, PETER SEONGWOO	3,080,983
HARTHORN, LEUNIS		HOEINK, TOBIAS	HWANG, YU KYEONG	3,013,187
FORRINUS	2,915,019	HOERSCH, HEINER	HYDE, STEPHEN CHARLES	2,947,125
HARTMAN, CODY L.	3,071,133	HOFELS, CHRISTIAN	HYDRO-QUEBEC	2,928,933
HARTMANN, RUDOLF	2,867,363	HOGESTYN, BART RICHARD	HYDRO-QUEBEC	3,082,924
HASE, KAZUKUNI	3,087,988	HOGGARTH, ANDREW	HYDRO-QUEBEC	3,095,707
HASEGAWA, TATSUYA	2,964,713	HOHMANN, GARRETT M.	IACCINO, LARRY L.	3,094,796
HASSEL, JUHA	3,125,824	HOLCIM TECHNOLOGY LTD	IBANEZ COTADO, DAVID	3,068,940
HATTORI, SHUNJI	2,941,738	HOLDEN, MARTIN	IBEO AUTOMOTIVE SYSTEMS	
HAUGENEDER, ERNST	2,959,433	HOLFELD, BERND	GMBH	3,056,979
HAULOTTE GROUP	2,969,951	HOLLER, HELMUTH	IBM CANADA LIMITED - IBM	
HAULOTTE GROUP	2,970,555	HOLLISTER INCORPORATED	CANADA LIMITEE	2,838,104
HAULOTTE GROUP	2,982,876	HOLLISTER INCORPORATED	IBM CANADA LIMITED - IBM	
HAUPTAMANN, MARCUS	2,911,788	HOLLISTER INCORPORATED	CANADA LIMITEE	2,876,468
HAUSSNER, THOMAS	3,011,756	HOLLRIGL, ANDREAS	IBRAHIM, AHMAD	3,009,545
HAVEN TECHNOLOGY SOLUTIONS LLC		HOLMBERG, AARON	ICB PHARMA TOMASZ	
HAWKES, KIMBERLY	2,907,225	HOLMES, MICHAEL T.	SWIETOSLAWSKI,	
HAYASHIDA, OSAMU	3,060,165	HOLYOAKE, BRUCE GORDON	PAWEŁ SWIETOSLAWSKI	
HAYNES, BARTON F.	2,941,738	HOMER, GREGG	SPOLKA JAWNA	2,964,108
HE, YIYONG	2,841,376	HOREJSI, KONSTANTIN	ICHIKI, MASATO	2,969,192
HE, YUE	2,965,308	HORNER, DOUGLAS M.	ID PHARMA CO., LTD.	2,947,125
HEBERT, STEPHEN J.	3,057,183	HORSTMANN, SEBASTIAN	IGARASHI, TATSUYA	2,964,712
HEDBERG, BRADLEY JOHN	2,890,745	HOU, RUOYU	IGT CANADA SOLUTIONS	
HEI, DEREK	2,906,784	HOU, WEIHSIN	ULC	2,883,074
HEIDE, ALEXANDER	3,042,562	HOURY, MAX	IHN, JEONG-BEOM	2,964,400
HEINRICHS, VOLKER	2,926,718	HOUSER, MATT	IIJIMA, KATSUMASA	2,941,738
HELENA LABORATORIES CORPORATION	2,728,622	HOUSIERE, CHARLES	IIJIMA, KAZUKI	2,999,813
HELKIO, HENRI	2,874,753	HOUSTON, TRAVIS	IKA - WERKE GMBH & CO.	
HELLBERG, JAN	3,076,570	HOVINGTON, PIERRE	KG	2,975,776
HELLER, MARTIN	2,941,086	HOWARD, CAMPBELL	IKEGAYA, RYOJI	2,939,484
HELLGE, CORNELIUS	3,054,601	HOWARD, T. DASHON	ILG, KERSTIN	2,929,390
HELLSTROM, STEFAN	3,033,256	HSIEH, TOM HAN HSIAO	ILLINOIS TOOL WORKS INC.	2,961,962
HEMBER, MILES	3,060,342	HUA, YUYAN	ILLINOIS TOOL WORKS INC.	3,060,223
HENDRIKSE, JAN	2,965,127	HUANG, CHANGJIANG	ILLINOIS TOOL WORKS INC.	3,081,747
HENNINGS, BIRGER	2,955,865	HUAWEI TECHNOLOGIES CO., LTD.	ILLINOIS TOOL WORKS INC.	3,099,810
HENRY COMPANY LLC	2,943,942	HUAWEI TECHNOLOGIES CO., LTD.	ILLUMINA, INC.	3,026,285
HENRY, JEROME A.	2,931,027	HUAWEI TECHNOLOGIES CO., LTD.	ILLUMINA, INC.	3,053,175
HENRY, JEROME A.	3,030,143	HUAWEI TECHNOLOGIES CO., LTD.	IMMUNE BIOSOLUTIONS INC.	3,2976,976
HENSEL, FABIAN	3,061,647	HUAWEI TECHNOLOGIES CO., LTD.	IMPERIAL OIL RESOURCES	
HERRALA, BRUCE E.	2,927,096	HUBBELL INCORPORATED	LIMITED	3,131,992
HERROLD, TODD	3,094,169	HUBBELL INCORPORATED	IMPLANTICA PATENT LTD.	3,044,267
HERZOG, MANUEL	3,061,202	HUBBELL LIGHTING, INC.	INCORVAIA, MIKE	3,135,623
HESLIN, DAVID	3,103,002	HUBERT, REHBERGER	INFINEUM INTERNATIONAL	
HESS CORPORATION	2,900,992	HUBERT, STEVEN	LIMITED	2,969,496
HEUSER, KARSTEN	3,165,638	HUDECEK, MICHAEL	INFINEUM INTERNATIONAL	
HEXAGON TECHNOLOGY AS	2,982,803	HUDSPETH, GREGORY	LIMITED	2,985,432
HEXEMER, RICHARD L., JR.	3,001,498	ALLEN	INFINITY	
HICKE, DAVID J.	2,943,886	HUGHES, DAVID	PHARMACEUTICALS, INC.	2,943,075
HIGAKI, TATSUYA	3,094,169	HUIHU, WANG	INGERLE, KURT	2,980,944
HIGASHIDE, KOSUKE	3,077,604	HUNT, KEVIN W.	INGHARDT, TORD BERTIL	2,968,449
HIGASHIYAMA, YUKIHIRO	3,151,404	HUNT, SIMON FRASER	INGRAM, BENJAMIN	3,056,418
HIKIDA, SHINICHI	3,163,427	HUNTER, RYAN	INGRAM-TEDD, ANDREW	
HILL, OLIVER	2,967,757	HUNTING TITAN, INC.	JOHN	3,077,119
HILLS, KAREN L.	2,946,402	HUNTSMAN	INOEX GMBH	2,991,088
HIMMELSTEIN, RENE	2,985,289	INTERNATIONAL LLC	INOUE, MAKOTO	2,947,125
HIPSKY, HAROLD W.	3,089,191	HURLEY, TIMOTHY BRIAN		
HIRAKAWA, DAIGO	2,922,424	HUSS, JAMES F.		
HITACHI CONSTRUCTION MACHINERY CO., LTD.	2,964,713	HUSSAIN, M. MAHMOOD		
HITACHI ZOSEN INOVA AG	2,961,527	HUTTO, BARRETT		
	2,937,527	HUTZLER, JOHANNES		
		HYUX INDUSTRIES LIMITED		

Index des brevets canadiens délivrés
28 février 2023

INSTITUT FRANCAIS DES SCIENCES ET TECHNOLOGIES DES TRANSPORTS, DE L'AMENAGEMENT ET DES RESEAUX	JOHNSSON, RICHARD JOINT STOCK COMPANY "ROSENERGOATOM"	2,970,062	KAZANTSEV, ANTON ANATOLEVICH	3,091,619
INSTITUT GUSTAVE ROUSSY	JOINT STOCK COMPANY "SCIENCE AND INNOVATIONS"	3,029,432	KEDIA, ABHISHEK	2,971,818
INSTITUT NATIONAL D'OPTIQUE	JONAI, KENTA	3,036,197	KEEGAN, FINTAN	2,950,687
INSTITUT PASTEUR KOREA	JONES, KYLE CLANCY	2,988,418	KEIO UNIVERSITY	3,040,637
INTERDIGITAL CE PATENT HOLDINGS, SAS	JONES, STEVEN J.M.	2,865,675	KELLER, GORDON	2,908,369
INTERFACE FLUIDICS LIMITED	JORDAN, OLIVIER	2,903,993	KELLER, MICHAEL J.	2,936,087
INTERNAL MACHINERY SOLUTIONS LTD.	JORDAN, RICHARD DAVID, JR.	2,968,849	KELLEY, ROBERT A.	3,027,986
INTERROLL HOLDING AG	JORDIL, YVES	3,114,268	KEMPNER, JOSHUA	3,014,608
INTERSCOPE, INC.	JOSEPH, DEREK M.	2,966,465	KERSTENS, PIETER J.	3,012,691
INTUIT INC.	JOSEPH, EMMANUEL		KETCHEM, RANDAL R.	2,873,549
INTUIT INC.	RICHARDS STEPHEN	3,061,483	KETER PLASTIC LTD.	2,977,637
INVERNIZZI, FABIO	JOUHANNEAUD, ALEXANDRA	3,002,765	KEULEERS, ROBBY RENILDE	
IP2IPO INNOVATIONS LIMITED	JOURDAN, GUY-VINCENT	2,838,104	FRANCOIS	3,102,285
IROBOT CORPORATION	JOY GLOBAL		KHANDANI, AMIR	3,099,841
IRWIN, CRAG W.	UNDERGROUND MINING LLC	3,076,785	KIBSGAARD, SVEND TARALD	2,990,516
ISAACS, SCOTT	JOYCE, MICHAEL	3,028,352	KIISKI, ULLA	3,064,977
ISHIBE, AKINARI	JURA, JASON	2,969,536	KIKKAWA, NORIFUMI	2,964,712
ISHII, TAKEHIKO	JURONG SHIPYARD PTE LTD.	2,966,003	KILANI, RUHANGIZ	2,706,479
ISMAIL, ISMARULLIZAM MOHD	JURVA, ULRIK	2,968,449	KILLPACK, JEFF	3,039,380
ITO, KAZUHIRO	KABUSHIKI KAISHA		KIM, DONG-KI	2,958,281
ITRON, INC.	TOSHIBA	3,115,504	KIM, HEE-YOUNG	2,946,062
IUNG, THIERRY	KADAVY, DALE R.	3,030,140	KIM, HYOJIN	3,013,187
IVANENKO, VLADIMIR IVANOVICH	KALEKO, MICHAEL	2,958,755	KIM, HYUNG-TAE	3,053,235
IVECO MAGIRUS AG	KALIGIAN, RAYMOND A.	2,921,046	KIM, JEROME	2,841,376
IZON, PAUL	KALOKITIS, DAVID	2,930,914	KIM, KIJUN	3,053,235
J & M TOOL DESIGN, LLC	KAMBE, YASUAKI	2,964,713	KIM, KWANG MIN	3,106,377
J&D FURNITURE LLC	KAMEN, DEAN	2,914,975	KIM, KYUNG-JOONG	3,084,931
JABLONSKI, DAVID W.	KAMIJO, TAKASHI	3,110,027	KIM, MOO YOUNG	2,948,563
JACKSON, MARK P.	KAMINSKI, MICHAEL V.	2,936,087	KIM, WON GON	3,084,139
JACKSON, ROGER NEIL	KAMMERER, DANIEL	3,035,410	KING, ANDREW	2,959,162
JAGTAP, PRASAD D.	KANEKO, MUTSUMI	3,163,427	KING, CHADWICK T.	2,873,549
JAIN, ANJALI	KANG, JIWON	3,053,235	KING, JENNIFER EILEEN	3,076,511
JANSSEN, FRANK	KANO, KAZUYUKI	3,054,278	KING, STEPHEN	3,030,143
JANSSEN, PAUL	KANTCHEV, JORDAN	2,897,081	KING, WILLIAM	2,959,162
JANUSEK, MARK	KAPPEN, THEODORUS		KIRIN HOLDINGS KABUSHIKI KAISHA	
JEANNE, LUDOVIC	GERARDUS MARINUS MARIA	3,055,083	KITAZATO, NAOHISA	3,036,197
JENSEN, NATHAN A.	KAPS, RYAN	3,005,716	KITORA, SHUICHI	2,856,350
JEONG, HONG-SIL	KAPSCH TRAFFICOM AG	2,979,301	KJÆRGAARD, KRISTIAN	3,079,504
JEWETT, JASON V.	KARAFIN, JONATHAN SEAN	3,006,553	KLEITSCH, MICHAEL	2,838,497
JEZEQUEL, PIERRE-HENRI	KARL DUNGS GMBH & CO.		KLEMENC, JERNEJ	2,956,827
JFE STEEL CORPORATION	KG	3,012,713	KLINE, ERIN G.	3,165,638
JIN, HUI	Karpa, NICHOLAS M.	3,087,700	KLINE, KAMERON JAMES	2,922,424
JNOFF, ERIC	KARTASHOV, VLADIMIR	2,955,734	KLUCKNER, STEFAN	2,976,774
JO, SUYEON	KARUNAKARAN, AATHAVAN	3,005,077	KLUESENER, BERNARD	
JO, WANG JE	KASITSKAYA, LARISA	2,931,027	WILLIAM	3,044,750
JOCHMAN, NATHAN	KATAOKA, KAZUNORI	2,931,056	KNAUER, CHRISTOPHER S.	3,081,371
JOHANNESSEN, PETRA	KATZ, DAVID	3,062,497	KNEZEVICI, DANIEL	2,945,735
JOHNSON MATTHEY PUBLIC LIMITED COMPANY	KAWAMI, TATSUYA	3,079,504	KNIPBIO	2,916,759
JOHNSON, GRAHAM	KAY, ANTHONY		KNODEL, BRYAN	3,069,326
JOHNSON, KAREN E.	BARRINGTON	2,689,260	KNODEL, TIMOTHY	3,069,326
JOHNSON, PAUL D.	KAY, BRIAN	3,147,521	KOBAYASHI, HIROSHI	3,077,604
	KAYE, ERIC A.	2,938,076	KOBBERLING, JOHANNES	2,929,390
	KAYEZEN, LLC	2,938,076	KOBLER, CHRISTOPH	3,011,756
	KAZANTSEV, ANTON		KOKKO, HENRI	3,076,570
	ANATOLEVICH	3,091,617	KOLETSCHKA, THOMAS	3,076,511
			KOLNBERGER, PATRICK	2,960,724
			KOLWICK, JOSEPH T.	3,067,404
			KONECRANES GLOBAL	
			CORPORATION	3,076,570
			KONG, NANA	3,129,419

Index of Canadian Patents Issued
February 28, 2023

KONSTANTINOV, KONSTANTIN KOREA MINE REHABILITATION AND MINERAL RESOURCES CORPORATION KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY KORNEIKOV, ROMAN IVANOVICH KORNWIET, ALYSSA E. KOROVIN, ALEXEI KORUGA, DJURO KORYCKI, JACEK A. KOSCHEEV, GENNADY KOSHIYAMA, TATSUYUKI KOSKAN, PATRICK D. KOVAL, MICHAEL CAP KOWALCHUK, ALEXANDER KOZIEL, MICHAEL G. KOZONO, YUKI KRAMP, ANDREAS KRATOCHVIL, PETR KRAUS, MANFRED KRISHNAN, SIDDHARTH KROEGER, JENS KROEHL, PAUL KROISSMAYR, STEFAN KRUEGER, JEFFREY Kruk, MARIUSZ KRUMME, COCO KUEHN, JUSTIN F. KUHL, AMERY D. KUHLMAN, MICHAEL WERNER KUMAR, MANOJ KUMPATLA, SIVA PRASAD KUNG, PEI-PEI KUNIN, DAVID BEN KUNZ, MARC KUREHA CORPORATION KURIHARA, TOSHIHIDE KURONEN, MARKKU KURZ, VOLKER L. S. KUTOK, JEFFERY L. KUWAHARA, HIROAKI KUWAHARA, HIROYA KWOK, LISA KWON, JEONGJIN KWONG, ROBERT CHRISTOPHER KYNE, GRAHAM M. KYOTANI, HISASHI KYOTANI, HISASHI L&P PROPERTY MANAGEMENT COMPANY L3 TECHNOLOGIES, INC. LACHAPELL, ANDREW LADWIG, JEFFERY MICHAEL LAFLEUR-LAMBERT, ANTOINE	2,951,551 3,027,979 3,084,139 3,029,432 2,977,419 3,089,099 3,060,743 2,964,461 3,062,497 3,163,427 3,101,737 3,076,511 2,915,465 2,728,622 3,097,965 3,079,006 2,965,987 3,082,287 3,094,712 3,141,894 2,911,788 3,108,395 2,965,200 2,953,059 2,960,424 2,935,411 2,904,169 3,094,976 3,091,670 2,879,860 3,082,287 2,965,496 3,079,006 3,163,427 3,036,197 3,064,977 3,005,077 2,943,075 3,115,504 2,931,056 3,026,285 2,946,062 2,936,855 3,081,371 2,949,771 2,949,776 3,065,132 3,079,858 2,965,648 3,030,140 3,095,707	LAFRENIERE, PASCAL LAHTEENMAKI, ATTE LAI, KA-MAN VENUS LAIRSON, LUKE L. LAKO, MAJLINDA LAL, GAURI SANKAR LAM, WILLIAM Y. LANDMARK GRAPHICS CORPORATION LANGENSIEPEN, DOMINIK LANIER, GREGORY R., JR. LANIER, WILLIAM LAPPE, SUSAN E. LARCHE, MARK LAROCHE, FREDERIC LAROCHE, NICHOLAS LARRICK, DOUGLAS LARRIVEE, JEAN-FRANCOIS LARSCHEID, ANDREAS LARSON, CRAIG LASECKI, JONATHAN R. LATHROP, TODD MATTHEW LATTLER, JAMES R. LAU, JACKIE P. LAUKKANEN, NIKO LAULUND, JENS VALENTIN LAUTENBACH, AARON G. LAVALLEY INDUSTRIES, LLC LAVALLEY, JASON LAVANCHY, FREDERIC LAVIEU, GREGORY G. LAVINS, NATHANIEL R. LE BRETON, FREDERIC LE COUTRE, JOHANNES LE FOLL, SEBASTIEN LE NAOUR, ADRIEN LE ROUX, GERHARD MALAN LEAD BIOTHERAPEUTICS LTD. LEAHY, RONAN PATRICK LEBENTAL, BERENGERE LEBLANC, DOMINIC LECOULTRE, RICHARD LEDUC, FREDERIC LEDUC, MATHIEU LOUIS JEAN LEE, JAEHEON LEE, JEANNE E. LEE, JEFFREY, D. LEE, JEI-YOUNG LEE, JOEY LEE, KUN HYUCK LEE, MCKANE B. LEE, SEUNG HO LEFFLER, HAKON LEGIC IDENTSYSTEMS AG LEGO A/S LEI, ZHISHENG LEIA INC. LEIA INC. LEIA INC.	LEISNER, RENE LENNOX, WILLIAM LENTOWICH, ALEXANDER LENZ, STEVEN M. LEONE, THOMAS J. LEPESKA, PETER LERCHL, JENS LES MACHINERIES PRONOVOST INC. LETTELA PTY LIMITED LETTKEMAN, DENNIS MARK LEUNG, DOMINIC CHEUK HUNG LEVEY, EVIN LG ELECTRONICS INC. LHUILLIER, CLAIRE LI, BODONG LI, JUN LI, MAI LI, XIAO LI, XUEJIAN LI, XUEJIAN LI, YAZHAO LI, YUEJUN LI, ZHE LIANG, APENG LIANZHUO, YANG LIDDLE, MARK LIDGARD, GRAHAM P. LIEPINS, IMANTS LIER CHEMICAL CO., LTD. LIETZ, M. SHANNON LIFELINE SCIENTIFIC, INC. LIGER, PHILIPPE LIGHT FIELD LAB, INC. LIM, AI CHING LIN, BO LIN, CRAIG LIN, HUEI-MING LINDBERG, TEppo LINDHOLM, ARMIN LINDSTEDT-ALSTERMARK, EVA-LOTT LINN, MICHAEL LINN, MICHAEL LINN, RANDY W. LINTON, MARIA ANGELICA LISZKA, DAWID LITOW, COLIN LIU, JIANHUA LIU, JIANMIN LIU, JIANQIN LIU, TINGYING LIU, WEI-HUAN LIU, YONGJIANG LIU, YU LOCKHEED MARTIN ENERGY, LLC LOCUS ROBOTICS CORP. LOESENTER, GERMAN LOFGREN, CAROLINE LOKSHIN, EFROIM PINKHUSOVICH PINKHUSOVICH	2,937,527 3,080,983 3,060,859 2,938,076 3,145,135 2,999,303 2,818,917 2,999,001 2,920,438 2,921,046 2,874,742 2,960,424 3,053,235 2,950,413 3,069,678 3,142,088 2,854,279 3,071,699 3,053,235 2,916,564 3,142,088 2,874,742 3,030,143 2,967,466 3,000,872 3,163,462 2,946,157 2,917,840 2,929,804 3,006,553 2,873,549 3,082,719 3,091,692 3,086,801 3,076,570 3,044,607 2,968,449 3,064,168 3,082,200 3,067,404 3,089,936 2,964,108 3,122,560 3,065,843 3,056,353 3,048,933 3,163,462 3,057,009 3,163,462 3,085,727 2,981,806 3,076,533 2,967,015 2,984,845 3,029,432
---	---	---	---	---

Index des brevets canadiens délivrés
28 février 2023

LONGHORN CASING TOOLS, INC.	2,905,493	MAKSYMOWYCH, WALTER	2,706,479	MCDERMOTT, GARETH	2,934,235
LONZA LTD	2,924,735	WOLOODYMYR PETER	3,009,545	THOMAS	2,963,933
LOPEZ REQUEJO, SERGIO	3,068,940	MALIVERNEY, CHRISTIAN	3,046,500	MCEVOY, TRAVIS KYLE	3,064,565
LOPEZ, JOHN EMILIO WILLIAM	2,941,961	MALKEMUS, JAMES D.	3,054,466	MCGANN, CONOR	3,104,047
LOPEZ, RICARDO	2,968,380	MALLON, MATTHEW	2,894,064	MCINTIRE, KEVIN	
LOREE, HOWARD M., II	3,088,022	DAMIAN	2,961,714	MCKENNA, NICHOLAS	
LOSEE, PETER ALMERN LOSEV, MIHAEL VIKTOROVICH	2,894,143	MALM, HOWARD	3,054,466	JAMES MICHAEL	2,934,235
LOUDON, TYLER	3,001,997	MANABE, KYOHEI	2,961,714	MCLACHLAN, GERARD	2,947,125
LOUNIS, NABIL	2,961,059	MANDEL, ALEXANDER	2,906,784	MCMAHAN, WILLIAM CHU-	
LOWE, CHRISTIAN	2,965,202	LAURENCE	3,019,725	HYON	3,076,511
LOWER, MARC	2,955,402	MANGIPUDI, KALYANI	2,941,526	MCMANUS, PATRICK	3,059,998
LOXO ONCOLOGY, INC.	3,122,560	MANI, VIJAY	2,818,917	MCMINN, NEIL ALAN	3,074,785
LOZADA, MARCELO	3,079,010	MANKIN, S. LUKE	3,022,991	MCNICHOLS, ROGER J.	
LTS LOHMANN THERAPIE-SYSTEME AG	2,961,293	MANN, ALFRED	3,022,991	(DECEASED)	2,937,839
LTS LOHMANN THERAPIE-SYSTEME AG	2,982,803	MANNKIND CORPORATION	3,022,991	MCNULTY, BRIAN	2,728,622
LTS LOHMANN THERAPIE-SYSTEME AG	3,064,168	MANUSZAK, BRIAN M.	3,008,818	MCNULTY, PETER J.	3,094,407
LUSOSPACE, PROJECTOS ENGENHARIA LDA	3,082,200	MAO, WEIDONG	2,774,480	MCTIER, TOM L.	3,081,371
LU, YU-MEI	2,843,162	MAORI, EYAL	2,777,448	MCWHIRTER, JOHN	2,903,698
LUCA, LUDMILA	2,903,993	MARAKOV, ALEXANDER	3,091,346	MCWILLIAMS, DEBORAH A.	2,912,178
LUKASEWYCZ, LAURA D.	2,962,824	MARASON, ERIC GIFFORD	3,074,841	MDNA LIFE SCIENCES INC.	3,044,262
LUMINET, PHILIPPE	2,969,951	MARATHI, UPENDRA K.	2,939,512	MEADE, THOMAS	2,782,557
LUMINET, PHILIPPE	2,970,555	MARCHAND, FABRICE	2,969,498	MEDTRADE PRODUCTS	
LUND, SOREN	2,838,497	MARCHAND, GARY R.	2,965,306	LIMITED	2,943,012
LUO, ZHENFU	3,103,329	MARCOUX, MICHAEL W.	2,935,859	MEIJI SEIKA PHARMA CO., LTD.	2,969,192
LUSOSPACE, PROJECTOS ENGENHARIA LDA	3,049,801	MARGAI, DIANA BERNADETT	2,976,058	MEIKE, ROGER	3,104,312
LUSTED, RODERICK MARK	2,968,380	MARKHAM BIOTECH INC.	2,941,961	MEIMA, GARMT R.	2,954,285
LUTH, ELIZA M.	2,843,162	MARKLEY, JEFFREY P.	2,646,146	MEKKER, JEFFREY S.	3,094,407
LUTHE, THOMAS	3,121,022	MARKRAM, HENRY	2,908,365	MENANTEAU, GAETAN	2,910,656
LYERLY, DAVID	2,959,537	MARLIN, ARTHUR	2,959,162	MENON, ANOOP	3,074,841
LYNKER, ANDREAS	3,101,858	MARONEY, KYLE	3,076,511	MESHESHA, YONAS T.	2,966,465
LYON, MICHAEL	2,934,679	MAROTTA, ANTHONY	2,706,479	METALOGENIA RESEARCH & TECHNOLOGIES S.L.	
MA, KA-YUI KEVIN	3,105,733	MAROTTA, EGIDIO	3,099,529	METCALF, ANDREW T.	3,068,940
MA, MING	2,993,793	MARS, INCORPORATED	2,962,824	MEURER, HANS CHRISTOPH	2,968,748
MA, MING	3,064,378	MARSAL, DAVID	2,966,126	MEYER, SAMUEL	3,041,611
MA, MING	3,064,724	MARTEL, FREDERIK	3,031,007	MEYSKENS, FRANK L., JR.	2,959,756
MA, MING	3,079,967	MARTIN, CHRIS	3,065,792	MIAO, HARRY H.	3,080,983
MA, ZHEN	3,050,498	MARTIN, KEVIN L.	2,969,536	MICHAEL, LACHLAN BRUCE	2,969,900
MABPLEX INTERNATIONAL CO., LTD.	3,129,419	MARTIN, ROY	2,889,674	MICHAEL, NELSON	2,841,376
MACDONALD, LYNN	2,903,698	MARTIN-TERESO LOPEZ, JAVIER	3,011,756	MICHAELSSON, ERIK	2,968,449
MACE, CATHERINE	2,952,763	MARTINEZ MANE, ANGEL	3,068,940	MICHEL, MATT	2,967,343
MACKEY, MARK S.	2,962,824	MARX, CHRISTOPHER J.	2,916,759	MICHIG GONZALEZ, STEPHANIE	2,908,365
MADERNA, ANDREAS	3,089,936	MARX, DOMINIC	3,012,713	MICROBIAL RESEARCH	
MAECKELBERGHE, THOMAS JACQUES FERNAND	2,934,235	MARZORATI, MASSIMO	3,028,031	MANAGEMENT HEALTH NV	3,028,031
MAGIC LEAP, INC.	3,019,946	MASADA, GWYNNE	2,965,127	MICROSOFT TECHNOLOGY LICENSING, LLC	
MAGNA EXTERIORS INC.	2,911,806	MASLOWSKI, KORNEL	3,099,510	MICROTAU IP PTY LTD	2,964,461
MAGNA SEATING INC.	2,971,818	MASON, MATTHEW T.	3,076,511	MICROVASCULAR THERAPEUTICS, LLC	
MAGNECO/METREL, INC.	2,994,439	MATESI, DONALD V.	3,030,143	MIDDLE CHART, LLC	2,951,922
MAGNOLIA MEDICAL TECHNOLOGIES, INC.	2,932,536	MATESI, DONALD V.	3,061,647	MIDEA GROUP CO., LTD.	3,054,521
MAGY, BERTRAND	3,128,793	MATHEWS, BRIAN W.	2,938,076	MIETZNER, THOMAS	3,085,727
MAHESHWARI, NEERAJ	2,807,749	MATHIEU, BENOIT	2,963,951	MILLAR, GAVIN WALSH	2,818,917
MAJCHERCZYK, DARIUSZ	3,099,510	MATIASH, NICHOLAS A.	2,961,962	MILLER, LANGDON	2,934,235
MAJDIC, FRANC	3,165,638	MATSUMOTO, YU	2,931,056	MILLER, SAMUEL A.	3,019,946
MAKKI NIRI, RAHELEH	3,123,387	MATUSU, JAKUB	2,965,987	MILLER, SEAN	2,883,074
MAKOWSKY, MYKOLA	3,039,380	MAUDE, MICHAEL	2,929,390	MILLIKEN & COMPANY	3,125,030
		MAVERICK DOWNHOLE TECHNOLOGIES INC.	2,948,756	MILLOT, CHRISTINA W.	2,922,424
		MAXIMATOR GMBH	3,089,191	MIN, BOKYUNG	3,013,187
		MAZIARZ, JEFFREY	3,099,184	MIN, XIAOSHAN	2,873,549
		MCBRIDE, GENE	3,091,824	MINAMI, KAZUYUKI	2,961,714
		MCCALDON, KIAN	2,900,175		
		MCCANDLESS, JAMES	2,966,889		
		MCCAULEY, DAVID LEON	2,934,235		
		MCCLOSKEY, SCOTT	3,056,418		

Index of Canadian Patents Issued
February 28, 2023

MINEHIRA CASTELLI, KAORI	2,952,763	MURAOKA, RYUJI	3,087,988	NEWSOL TECHNOLOGIES INC.	2,971,232
MISCHLER, REINHOLD	3,035,410	MURATA MANUFACTURING CO., LTD.	3,095,707	NGUYEN, DENNIS P.	2,961,059
MITOKININ, INC.	2,939,219	MURPHY, ANDREW J.	2,903,698	NGUYEN, VAN MINH	3,084,139
MITRAL VALVE TECHNOLOGIES SARL	2,959,538	MURRAY, MICHAEL G.	3,037,710	NICHOLLS, JOHN VINCENT	3,036,855
MITSUBISHI GAS CHEMICAL COMPANY, INC.	2,964,713	MURRAY, PETER JOHN	2,957,868	NICOVENTURES TRADING LIMITED	3,089,251
MITSUBISHI HEAVY INDUSTRIES ENGINEERING, LTD.	3,110,027	MUSTAPHA, RAMI	2,950,413	NICZYPORUK, JANUSZ MICHAEL	2,934,342
MITSUBISHI HEAVY INDUSTRIES, LTD.	3,051,438	MYERS, JACOB P.	2,920,056	NIELSEN, JOAKIM KORNER	2,963,298
MITSUBOSHI BELTING LTD.	3,095,697	MYLONAKI, IOANNA	2,903,993	NIESKENS, DAVY	2,954,285
MIYAMOTO, OSAMU	3,110,027	MYUNG, SE-HO	3,084,931	NIEVOLL, JOSEF	3,101,858
MIYATA, KANJIRO	2,931,056	N.V. NUTRICIA	2,915,019	NILSSON, ULF	2,970,062
MIZER, SCOTT	2,936,087	NAGATA, ASAKO	2,953,768	NIPPI, INCORPORATED	2,941,738
MIZOGUCHI, AKIHIRO	2,931,056	NAGL, CHRISTOPH	3,089,936	NIPPON STEEL CORPORATION	2,934,342
MIZUSAWA, HIDEHIRO	2,931,056	NAGODE, MARKO	3,165,638	NISHIMOTO, TAKUMI	2,963,298
MO-SCI CORPORATION	2,965,308	NAGY, OLIVER	2,979,301	NISHINA, KAZUTAKA	2,931,056
MOCANU, CATALIN AUREL	2,902,473	NAKAJIMA, SHU	3,097,965	NISHIYAMA, NOBUHIRO	2,931,056
MODUKURI, RAMKUMAR	3,091,670	NALCO COMPANY	2,843,162	NISHIYAMA, YOSHITAKA	3,086,461
MOFFA, MICHAEL D.	2,965,200	NARODOWY INSTYTUT KARDIOLOGII STEFANA	2,953,059	NISSAN MOTOR CO., LTD.	2,999,813
MOHAMED, HASSAN	2,966,889	KARDYNALA	2,782,557	NIU, CHENGSHAN	3,142,088
MOHAMMAD, MOHAMMAD AMIN	2,944,900	WYSZYNSKIEGO	2,958,554	NIU, LI	3,062,936
MOHAMMED, NISHIL	2,916,117	NARVA, KENNETH	2,944,900	NKANSAH, PAUL OKWABI	2,936,283
MOHR, PETER J.	2,934,679	NASERI, SARA	2,944,900	NOBORIKAWA, YOSHIHITO	3,095,697
MOMCHILOV, GEORGY	3,095,171	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY	3,163,427	NOBUOKA, YUJI	3,054,278
MONSEN, BJARNE	2,990,516	NATIONAL PAYMENTS CORPORATION OF INDIA	3,016,381	NOERHOLM, MIKKEL	3,084,920
MONTOJO, JUAN	3,019,679	NATIONAL RESEARCH CORPORATION OF INDIA	3,016,381	NOFZINGER, ERIC A.	2,918,317
MOON, YOUNG-CHOON	3,080,983	COUNCIL OF CANADA	2,945,735	NOOK, JONATHAN LEWIS	3,073,575
MOONEY, DANA	2,933,058	NATIONAL RESEARCH COUNCIL OF CANADA	2,990,283	NOOK, WILLIAM KNIGHT	3,073,575
MOORE, MATTHEW	3,149,740	NATIONAL RESEARCH COUNCIL OF CANADA	2,990,283	NORDIN, JAN	2,969,302
MOORE, THOMAS	3,076,533	NATIONAL STEEL CAR LIMITED	2,884,034	NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG	3,101,488
MORALES, OLIVIER	2,950,413	NATIONAL UNIVERSITY	2,945,735	NORDVANG, RUNE	3,167,997
MORENKO, OLEG	2,900,175	CORPORATION TOKYO	2,990,283	THORBJORN	2,930,290
MORENO, DAVID A.	2,934,679	MEDICAL AND DENTAL UNIVERSITY	2,931,056	NORMAN, JAMES J.	2,934,235
MORETON, PAUL YOUNG	2,934,342	NETSCH	2,927,096	NORTHRUP GRUMMAN SYSTEMS CORPORATION	3,091,346
MORIN, FRANCOIS	3,082,924	TROCKENMAHLTECHNIK GMBH	3,097,965	NORTHWESTERN UNIVERSITY	3,094,712
MORIN, RUSSELL WALTER	2,972,252	NEAGA, GABRIEL	3,023,741	NORTIO, JENNI	3,064,977
MORITA, TOMOTAKE	3,163,427	NEGRE, CYRIL	2,946,481	NORTON, MYFANWY JANE ANTICA	3,115,138
MORITA, YUJI	3,036,197	NEGRE, GUY	2,946,481	NOURYON CHEMICALS INTERNATIONAL B.V.	2,918,805
MORRIS, BRYANT ALAN	2,969,536	NELSON, STEPHEN L.	3,094,169	NOVARTIS AG	2,721,810
MORRIS, COLLIN RICKY	2,967,677	NERLING, CHRISTOPH	2,991,088	NOVIELLO, JOSEPH C.	2,838,497
MORRIS, JOHN RICKY	2,967,677	NETRIS PHARMA	3,064,977	NOVO NORDISK A/S	3,067,404
MORROW, JAMES WILLIAM	2,883,074	NETZSCH	2,936,308	NOWICKI, THOMAS P.	3,146,969
MORTIMER, STEFANIE ANN WARD	3,027,919	NESTE OYJ	2,931,056	NUSSBAUM, DAVID	2,940,888
MOTOR DEVELOPMENT INTERNATIONAL S.A.	2,946,481	NEUHOFER JUN., FRANZ	2,955,278	NUVOX PHARMA LLC	3,037,710
MOTOROLA SOLUTIONS, INC	3,099,510	NEUMANN, KLAUS	3,121,022	O'DOWD, PATRICK E.	2,965,127
MOTOROLA SOLUTIONS, INC.	3,101,737	NEUROCRINE BIOSCIENCES, INC.	2,938,581	O'NEILL, CHARLES EVAN	3,076,785
MOULAS, GERAUD LOUIS DOMINIQUE	3,049,801	NEVEN, HARTMUT	3,088,650	O'NEILL, MICHAEL L.	3,099,841
MOUREAU, HERMAN EUGENE GERMAIN	2,912,494	NEW GROWING SYSTEMS, S.L.	3,084,502	O'SULLIVAN, MAURICE	3,094,754
MOUSSA, ADEL	3,034,648	NEWCELLS BIOTECH LIMITED	3,140,619	OBERMOLLER, NILS	3,012,713
MOXHAM, KATHLEEN R.	2,933,821	NEWHOUSE, BRAD	2,934,679	OCADO INNOVATION LIMITED	2,966,560
MRIZAK, DHAFER	2,950,413	NEWHOUSE, NORMAN L.	3,001,498	OCADO INNOVATION LIMITED	2,949,771
MUGHAL, ABDUL SAMI	3,011,305	OCAMPO, FABIEN	2,934,679	OGAWA, KAZUKI	2,949,776
MULDER, HARM	2,889,864	OCAMPO, FABIEN	2,934,679	OGAWA, KAZUKI	2,949,771
MULLER, MARKUS	3,064,168	OCAMPO, FABIEN	2,934,679	OGAWA, KAZUKI	2,949,771
MULLER, MARKUS	3,082,200	OCAMPO, FABIEN	2,934,679	OGAWA, KAZUKI	2,949,771
MUNAFO, JOHN P.	2,962,824	OCAMPO, FABIEN	2,934,679	OGAWA, KAZUKI	2,949,771

Index des brevets canadiens délivrés
28 février 2023

OGAWA, TAKAYA	2,969,192	PASCO, LUCA	2,986,500	PIROVOLOU, DIMITRIOS	3,099,022
OH, CHURL	2,933,821	PASSON, ULRICH	3,093,071	PLANKEN, SIMON	3,089,936
OHNISHI, HISAO	2,961,714	PAT, ANKIT	3,064,565	PLATEK, ALLEN M.	3,008,818
OHRENEDER, CHRISTIAN	2,979,301	PATE, THOMAS DIFFLEY	2,905,591	PLOHMANN, BERND	2,949,882
OHTAKE, NAOTAKA	2,966,560	PATEL, SNAHEL	3,094,197	PLOTNER, DAVID	3,104,047
OKAZUMI, MITSUHIRO	2,966,560	PATTERSON, NICHOLAS M.	3,069,329	PLUSS, MARCEL	2,948,206
OKITSU, TERU	2,941,738	PATTON, RICHARD G.	2,932,536	POAG, BRIAN	3,059,962
OKONIEWSKI, MICHAL MIECZYSLAW	3,122,382	PATWARDHAN, RAVISH	2,937,839	POL, BERNARDUS JOZEF	
OLAH, LASLO	3,165,638	PAUL, THOMAS ANDREW	3,082,287	MARIA	2,955,083
OLEK, SVEN	2,999,614	PAUL-SMITH, MICHAEL		POLAKOWSKI, THOMAS	2,867,363
OMAN, SIMON	3,165,638	CHRISTIAN	2,947,125	POLARIS INDUSTRIES INC.	3,094,169
OMEROS CORPORATION	3,004,753	PCT THERAPEUTICS, INC.	3,080,983	POLIGHT ASA	2,955,734
OMEROS CORPORATION	3,018,774	PEACE OUT, LLC	3,022,180	POLLACK, BENJAMIN	2,976,774
ONG, FRANK SHAODE	2,969,302	PEARSON EDUCATION, INC.	2,838,210	POLLACK, BENJAMIN	2,976,947
ONIONS, STUART THOMAS	2,957,868	PECKHAM, JORDAN	3,091,397	POLLAK, ELI	2,960,424
ONUT, IOSIF VIOREL	2,838,104	PECKHAM, JORDAN	3,144,726	PONTONIO, STEVEN J.	3,103,291
OOKI, OSAMU	2,999,813	PEDERSEN, BJARKE	2,963,298	POOLE, THOMAS S.	2,934,342
OOSTERHOFF, SICCO	3,003,070	PEIRSMAN, DANIEL	2,943,482	POOVALINGAM,	
OPIANT PHARMACEUTICALS	2,950,687	PENA CARVALHO DE		SUNDARESAN	3,061,483
ORANO RECYCLAGE	2,987,220	CARVALHO, ISABELA	3,011,756	POPE, TIMOTHY	3,155,492
ORGEL-ZECHNER, RENE	2,979,291	PENNECOT, GAETAN	3,056,418	POPOVICH, BERT	2,911,591
ORSHANSKY, MASHA	3,064,565	PENNEKAMP, HUBERTUS	3,121,022	POSACKI, DANIEL FRANCIS	3,059,292
OSAKA GAS CO., LTD.	2,961,714	PERETOLCHIN, MAXIM	2,914,279	POSCO	3,106,377
OSAWA, KENSUKE	3,124,384	PEREZ SORIA, FRANCISCO	3,068,940	POSSEMIERS, SAM	3,028,031
OSBORN, CHRIS	3,061,202	PEREZ, MICHEL	3,002,765	POTOCKA, ELIZABETH	3,022,991
OSBORNE, HAMISH ADRIAN	2,934,235	PERFX WIRELINE SERVICES, LLC	3,077,172	POTTER, MARK	3,089,251
OSMOSE UTILITIES SERVICES, INC.	2,930,914	PERK HERO SOFTWARE INC.	3,056,001	POULIOT, NICOLAS	3,082,924
OSTERKAMP, FRANK	2,867,363	PERKINELMER HEALTH SCIENCES, INC.	3,014,608	POULSEN, CARL ESBEN	3,054,601
OTHMAN, ASEM	3,044,063	PERKINELMER		POULTON TECHNOLOGIES	
OTTA, SHOURYA PRAKASH	2,968,380	INFORMATICS, INC.	2,933,821	LIMITED	2,923,960
OTTING, KRISTA	3,102,614	PERRIER, MATTHIEU YOANN	2,963,487	POWERS, BRADLEY	3,076,533
OTTS, BRIAN L.	2,917,840	PERSKY, JOSHUA	3,040,431	POWERS, STEPHEN T.	3,135,623
OUELLET, SAMUEL	3,155,492	PETERMAN, JEFFREY I.	3,094,169	PRAKASH, ANAND	3,089,099
OUELLETTE, MATTHEW DAVID	2,946,347	PETERS, ARNE	2,926,718	PRATT & WHITNEY CANADA	
OUYANG, GUOWEI	3,057,183	PETERS, NILS GUNTHER	2,948,563	CORP.	2,900,175
OVEIS GHARAN, SHAHAB	3,099,841	PETERSEN, JACK	3,059,998	PRAXAIR TECHNOLOGY, INC.	3,103,291
P M B	2,929,804	PETERSON, THOMAS D.	3,095,527	PRECISION FOR MEDICINE	
PACIFIC BIOSCIENCES OF CALIFORNIA, INC.	3,048,415	PETRASSI, MIKE	3,091,670	GMBH	2,999,614
PADVAL, MAHESH	2,936,283	PETRUCCY, RICHARD	3,022,991	PREISNER, PETER	2,966,889
PADWA, ALEX	3,020,908	PETTINATO, DAVID	2,947,174	PRESTON, JOHN B.	3,101,737
PALAGIRI, SATEESH	3,016,381	PEZZOLI, MAURIZIO	2,917,840	PRINCETON IDENTITY, INC.	3,118,891
PALMER, CYNTHIA	3,089,936	PFIZER INC.	2,908,365	PRINGLE, IAN ANDREW	2,947,125
PALOMBELLA, VITO J.	2,943,075	PFIZER INC.	2,936,283	PROBERT, STEPHEN M.	3,071,133
PALUMBO, NATHAN	3,040,431	PHAIR, JOHN	3,082,287	PROELL, TOBIAS	2,966,244
PANANDIKER, RAJAN KESHAV	3,044,750	PHARMAQUEST INTERNATIONAL CENTER, LLC	3,089,936	PROMETHEUS	
PANCOOK, JAMES DAVID	3,014,461	PHASE CHANGE SOFTWARE	2,955,734	LABORATORIES, INC.	2,969,609
PANNETON, LISA A.	2,914,975	LLC	2,944,900	PRONOVOOST, REJEAN	2,999,001
PANZA, SERGIO	2,986,500	PHILIP MORRIS PRODUCTS	2,975,305	PROTO, INC.	3,146,969
PAPAGEORGE, RYAN GENE	2,874,315	S.A.	3,114,268	PROULX, ALAN	2,971,818
PARENT, STEPHAN D.	2,916,564	PHILLIPS, DARREN C.	2,946,402	PROVENZANO, DAN	
PARK, DONGSIK	2,946,062	PIBRE, GUILLAUME	3,009,545	RAYMOND	3,083,731
PARK, JONGHYUN	3,053,235	PICON MANJON, FRANCESCA	3,068,940	PRZYBYSZ, ANTHONY	
PARK, MI-NAM	3,106,377	PIERRE FABRE MEDICAMENT	3,002,765	JOSEPH	3,091,346
PARKER, THOMAS W.	3,104,047	PILZ, DONALD ANTHONY	3,080,978	PTO SOLUTIONS, LLC	3,091,753
PARKER-HANNIFIN CORPORATION	3,030,140	PINAUD, YANN	2,910,656	PUCKETT, JAY	3,059,998
PARR, RYAN	3,044,262	PING, LUO	2,874,742	PULMOCIDE LIMITED	2,957,868
PASALIC, DAMIR	3,122,382	PINHEIRO, IRIS	3,028,031	PUNDE, SUSHANT ASHOK	3,031,375
PASCHON, DAVID	2,920,899	PINKHAM, DAN	2,877,629	PUNDOLE, FARAI DOON	3,091,824
				PURDY, CLAY	3,110,558
				PYPER, JOEL T.	3,091,990
				PYTEL, KAMILA	
				MALGORZATA	2,947,125

Index of Canadian Patents Issued
February 28, 2023

Q2 ARTIFICIAL LIFT SERVICES ULC	3,095,034	RELIABLE ENGINEERED PRODUCTS, LLC	3,067,404	RUIZ GARCIA, CRISTINA	2,943,942
QI, HONGYAN	3,080,983	REM TECHNOLOGY INC.	2,894,064	RUIZ-HITZKY, EDUARDO	2,943,942
QI, LIU	2,874,742	REMEDI TECHNOLOGY		RUSH, CARL	3,122,560
QI, XUELE	2,968,380	HOLDINGS, LLC	3,060,165	RUTGERS, THE STATE	
QIANG, LIANGLIANG	3,026,285	REN, GUANGWEN	2,895,148	UNIVERSITY OF NEW JERSEY	2,895,148
QIN, ZHONGBIN	2,912,118	REN, LI	2,934,679	RUTTER, WILLIAM J.	1,341,643
QUALCOMM INCORPORATED	2,948,563	REN, RUIHUA	2,879,860	RVT GROUP LIMITED	3,051,629
QUALCOMM INCORPORATED	3,019,679	REOSS GMBH	2,977,987	RYAN, MIKE JOHN	2,997,285
QUILLIEN, BERNARD	2,937,612	RETAILMENOT, INC.	2,958,888	RYU, JAE-YOUNG	2,958,281
QURASENSE INC.	2,958,554	RETTIG, RAYMOND F.	2,956,067	RZECZKOWSKI, GERALD	2,933,058
R.A. PHILLIPS INDUSTRIES, INC.	3,095,527	REYNOLDS, CRAIG B.	2,918,317	SABA, KARIM	3,062,497
RAIBLE, DONALD G.	2,918,105	REYNOLDS, MARK	3,079,010	SABRIPOUR, SHERVIN	3,101,737
RAJENDRAN, NARAYANAN	3,016,381	RHEINMETALL WAFFE MUNITION GMBH	3,091,538	SACRIPANTE, GUERINO G.	3,031,967
RAKSHA, VLADIMIR	3,034,901	RHODIA OPERATIONS	2,966,560	SAFRAN AIRCRAFT ENGINES	2,952,914
RAKUTEN GROUP, INC.	3,061,202	RICCARDI, GRACE	2,949,544	SAFRAN AIRCRAFT ENGINES	2,963,487
RAMACHANDRAN, APARNA	3,084,920	RICE, LAURA E.	2,843,162	SAFRAN AIRCRAFT ENGINES	2,966,126
RAMSEY, JACK DYLAN	3,085,251	RICH, JAMES R.	2,906,784	SAFRAN CERAMICS	2,966,126
RANDAZZO, VIC ARTHUR	2,968,380	RICHARD, PIERRE-LUC	3,082,924	SAFRAN HELICOPTER ENGINES	2,969,498
RANGANATHAN, SATHISH KUMAR	3,061,483	RICHARDSON, PETER	3,022,991	SAHA, TAPAS	2,876,468
RANGARAJAN, KESHAVA PRASAD	3,099,529	RICHARDSON, ROSS	3,065,792	SAHNI, GIRISH	2,807,749
RASCH, MARKUS	3,089,191	RICO ALVARINO, ALBERTO	3,019,679	SAIKA, AZUSA	3,163,427
RASON, JONATHAN	2,953,768	RIDDELL, STANLEY R.	2,830,953	SAINT-GOBAIN GLASS FRANCE	2,956,827
RAULT, SEVERAN SYLVAIN JEAN-MICHEL	2,927,096	RIDDLE, AVERY	2,985,289	SAINT-GOBAIN ISOVER	3,093,071
RAUSER, CLAIRE M.	2,917,620	RILATT, IAN	3,002,765	SAKOSKE, GEORGE E.	3,087,700
RAY, TYLER R.	3,094,712	RIORDON, JASON	2,963,759	SALBATO, JARED	2,969,609
RAYMOR INDUSTRIES INC.	3,141,894	RIPPOLE, DAMIAN F.	2,918,317	SALFORD GROUP INC.	2,917,554
RAYNARD, DWAYNE C.	2,935,097	ROBERT, ALAIN	3,002,765	SALINGER, JORGE	2,774,480
REBH, WILLAM R., JR	2,935,859	ROBERTS, KIM	3,099,841	SALZMAN, MICHAEL	2,798,444
REBHLZ, UWE	2,969,027	ROBERTS, WILLIAM P.	2,966,165	SAMIEE, KEVAN	3,026,285
REBOUSSIN, SANDRINE	2,971,658	ROBERTSON INTELLECTUAL PROPERTIES, LLC	2,974,303	SAMPSON, KIMBERLY S.	2,728,622
RECOVER ENERGY SERVICES INC.	3,033,244	ROBERTSON, DAVID	3,095,381	SAMSUNG ELECTRONICS CO., LTD.	2,958,281
REDDY, RAVISEKHARA P.	2,934,891	ROBERTSON, MICHAEL C.	2,974,303	SAMSUNG ELECTRONICS CO., LTD.	3,084,931
REDMAN, REGINA SOON	2,919,356	ROBINSON, KERRY	3,044,262	SAMUDRALA, OMPRAKASH	2,968,380
REECE, STEVEN Y.	2,981,806	ROBNETT, CHARLES D.	2,966,165	SAN, KA-YIU	2,854,279
REED ADVANCED MATERIALS PTY LTD	2,974,666	ROCA, NURIA	3,068,940	SANCHEZ DE LA FUENTE, YAGO	3,033,256
REEDER, JONATHAN T.	3,094,712	ROCKWOOL		SANDBERG, KATI	3,064,977
REES, CHRISTEN A.	2,905,221	INTERNATIONAL A/S	2,950,041	SANDS, ZARA	2,963,951
REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG	2,970,041	RODGER, KELLY D.	2,876,468	SANGALGE, RAJESH	3,061,483
REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG	3,101,858	RODRIGUEZ, RUSSELL JOHN	2,919,356	SANGAMO THERAPEUTICS, INC.	2,920,899
REGENERON PHARMACEUTICALS, INC.	2,900,992	ROGERS, JOHN A.	3,094,712	SANOFI	2,965,202
REGENERON PHARMACEUTICALS, INC.	2,903,698	ROHERA, HEMANT KARAMCHAND	2,991,527	SANTARONE, MICHAEL	3,054,521
REGULY, BRIAN	3,044,262	ROKICKI, JOSEPH	3,048,415	SANTORO, TYLER	3,101,488
REIMER, MICHAEL	3,099,841	ROL CORREDOR, JAVIER	3,068,940	SARRADIN, JEAN-LOUIS	2,946,145
REINEKE, ULRICH	2,867,363	ROMANO, JOSEPH	3,076,511	SARVARY, MARK A.	3,008,818
REINERTSEN, DENNIS	2,933,058	ROMMEL, MARTIN	2,864,354	SARVER, JOSEPH E.	3,087,700
REKOW, MATHEW NOEL	3,012,691	ROOBROUCK, ANNELIES	2,985,698	SATO, SHUN	3,163,427
		ROSEMOUNT INC	3,094,799	SAUCY, FRANCOIS	2,903,993
		ROSKI, JAMES P.	2,950,272	SAUDI ARABIAN OIL COMPANY	3,069,678
		ROSKOS, LORIN	2,918,105	SAULOU, CORY	2,948,756
		ROSNER, BRIAN D.	2,976,480	SAVAGE, JAMIE	2,940,500
		ROSS, DEVIN	3,061,202	SCANZILLO, THOMAS LOUIS	2,874,315
		ROSS, STAN	3,033,244	SCHAEFER, DAVID	2,954,856
		ROTHSCHILD, PETER	2,864,354	SCHAEFER, NORBERT	3,079,006
		ROTTERBERG, AVIV	3,020,908	SCHAFFER, ROBERT	3,079,006
		ROUSSEAU, CEDRIC	2,978,174	SCHATZ, ADRIAN	2,937,527
		ROVI GUIDES, INC.	3,041,611	SCHEIFLINGER, FRIEDRICH	2,867,363
		ROWE, CHRISTOPHER	3,089,251		
		RUD, JASON H.	3,094,799		
		RUFLIN, PAUL L.	2,936,087		
		RUITENBEEK, MATTHIJS	2,954,285		

Index des brevets canadiens délivrés
28 février 2023

SCHEURING, UWE	2,949,882	SHARP, DAVID	3,077,119	SMITHS DETECTION INC.	2,955,865
SCHEXNAYDRE, MICHAEL	2,999,303	SHARP, DAVID	3,094,754	SNYDER, DANIEL	2,994,439
SCHIERL, THOMAS	3,033,256	SHARPE, PAULA LOUISE	2,934,891	SOCIETE DES PRODUITS	
SCHIRM, JEFFREY J.	2,918,317	SHEEHAN, SUSAN M.	3,081,371	NESTLE S.A.	2,908,365
SCHIRMER, ROBERT	3,035,530	SHEETS, JOEL J.	2,782,557	SOCIETE DES PRODUITS	
SCHLAGE LOCK COMPANY LLC	2,956,067	SHELL INTERNATIONALE RESEARCH		NESTLE S.A.	2,952,763
SCHMEE, HEINER	3,091,538	MAATSCHAPPIJ B.V.	2,954,409	SODERQUIST, TIMOTHY J.	2,966,465
SCHMIDT, ALEXANDER	2,978,825	SHELL INTERNATIONALE		SOH, JAMES	2,860,731
SCHMIDT, JACOB WITTRUP	2,970,576	RESEARCH		SOL SOLUTION	2,901,721
SCHMIDT, JANE	2,934,679	MAATSCHAPPIJ B.V.	2,966,244	SOLAR LTD.	3,001,997
SCHMIEDEHAUSEN, KRISTIN	3,011,305	SHEN, JIAN KUN	2,843,162	SOLDAU, THOMAS F.	2,914,975
SCHNEIDER ELECTRIC (AUSTRALIA) PTY LTD.	3,050,498	SHEN, WENJUN	3,085,727	SOLIDIA TECHNOLOGIES, INC.	3,011,251
SCHONY, GERHARD	2,966,244	SHEPARD, WILLIAM	3,122,560	SOMMADOSSI, JEAN-PIERRE	3,034,648
SCHOWENGERDT, BRIAN T.	3,019,946	SHERBUKHIN, VLADIMIR	2,957,868	SONY CORPORATION	2,856,350
SCHROERS, MICHAEL	2,969,027	SHI, DONGHUI	2,873,549	SONY CORPORATION	2,912,118
SCHUBERT, JEFFREY	2,864,354	SHI, NORMAN	3,061,202	SONY CORPORATION	2,939,065
SCHUBILSKA, MARTIN E.	2,956,713	SHI, YUFANG	2,895,148	SONY CORPORATION	2,939,484
SCHUETZLE, DENNIS	3,160,158	SHIJIE, DONG	2,874,742	SONY CORPORATION	2,964,712
SCHUETZLE, ROBERT	3,160,158	SHINOHARA, YUJI	2,939,484	SONY CORPORATION	2,969,900
SCHULLER, WALTER	3,093,071	SHRIVASTAVA, DHAIRYA	2,941,526	SONY ELECTRONICS INC.	2,856,350
SCHULTZ, PETER	3,091,670	SHROCK, KATHRYN MASON	3,086,412	SOOMRO, KHURRAM	2,976,774
SCHULZ, RAYMOND	3,056,979	SICKEL, HERMANN	3,103,002	SOPKO, WESLEY	3,147,521
SCHWAB, KRISTEN	2,959,537	SIEMENS HEALTHCARE DIAGNOSTICS INC.	2,976,774	SORREL QUARTERS, LLC	2,911,917
SCHWAEBLE, HANS-WILHELM	3,004,753	SIEMENS HEALTHCARE DIAGNOSTICS INC.	2,976,947	SOUCY INTERNATIONAL INC.	3,031,007
SCHWAEBLE, HANS-WILHELM	3,018,774	SIEMENS HEALTHCARE DIAGNOSTICS INC.	2,976,947	SPANGLER, JILLIAN ELYSE	3,089,936
SCHWARZ, HANS-GEORG	2,929,390	SIKORA, MARCIN	3,075,743	SPANNUTH, MELISSA	3,099,022
SCHWARZ, JACOB	2,934,679	SILVA ZOLEZZI, IRMA	3,027,919	SPATSCHECK, THOMAS	2,955,734
SCHWEISS, MICHAEL L.	2,911,917	SILVERMAN, JAMES D.	2,952,763	SPCM SA	2,937,612
SCOTCHMER, NIGEL	2,874,742	SIMIC, NINA	3,078,496	SPECTOR, KENNETH	3,091,753
SCOTT, COLIN	3,025,451	SIMMONDS PRECISION PRODUCTS, INC.	2,941,526	SPENCE, PAUL A.	2,959,538
SCOTT, GLENN CARTER	3,104,312	SIMON FRASER UNIVERSITY	2,923,887	SPENCER, CHARLES JEFFREY	3,059,292
SCOTTO, ANDREA	2,969,023	SIMON, ANJA	2,931,040	SPENCER, MATTHEW	3,122,560
SEALY TECHNOLOGY, LLC	3,008,818	SIMONIN, STEPHEN P.	2,818,917	SPILGIES, HEIKO	2,982,803
SEDNEVA, TATYANA ANDREEVNA	3,029,432	SIMPSON STRONG-TIE COMPANY INC.	2,876,888	SPINDLER, ANNA CARINA	3,108,395
SEIDEL, TANYA E.	3,145,135	SIMPSON, ANDREW	3,059,998	SPINETTI, THIBAUD	2,955,402
SEIKAGAKU CORPORATION	3,054,278	SIMPSON, BLAKE A.	3,044,063	SPM OIL & GAS PC CANADA LTD.	2,914,394
SEILER, MARCUS	2,977,987	SINGH, SHARAT	2,988,522	SPORTS-NET CO., LTD.	3,151,404
SELA, ILAN	2,777,448	SINTON, DAVID	2,969,609	SPRACHMANN, GERALD	2,966,244
SELKER, KEVIN	2,975,305	SIRIPURAPU, SRINIVAS	2,963,759	SPRAGUE, ROBERT ARTHUR	3,074,841
SEMINARA, ANGELO	3,026,780	SISCO, TANNI	3,061,483	SPRINGETT, CAROLE	2,953,768
SEN, DIPANJAN	2,948,563	SIXRING INC.	2,988,522	SR SYSTEMS, LLC	2,946,249
SENSORMATIC ELECTRONICS LLC	2,954,501	SKALSKY, T. JORY	2,969,609	SRINIVASA, SIDDHARTHAA	3,076,511
SEO, BO-SUNG	3,106,377	SKELTON, TYSON J.	3,078,496	ST-ARNAUD, CHARLES	3,031,007
SEO, MIN-WOO	2,958,281	SKOG, JOHAN KARL OLOV	3,084,920	ST9 GAS AND OIL, LLC	3,073,853
SEO, TAKAYUKI	3,054,278	SKOLC, DAVID	2,963,951	STAEDLER, DAVIDE	2,955,402
SERANIT GRANIT SERAMIK SANAYI VE TICARET ANONIM SIRKETI	3,051,119	SKRLEC, ANDREJ	3,165,638	STANCESCU, PETRE	3,035,949
SERRA, JOHN GLENN	3,059,292	SKYRE, INC.	2,970,240	STANDARD LIFTERS, INC.	3,091,990
SHAFIR, SHARONI	2,777,448	SLUKVIN, IGOR	3,042,562	STANWAY, JEFFERSON S. G.	3,023,741
SHAH TECHNOLOGIES LLC	3,019,584	SLUP, GABRIEL	3,081,865	STANLEY, JAMES RICHARD	3,073,575
SHAH, NIRAV ASHOK	3,019,584	SMITH, ANDREW	2,940,500	STANKEVICH, SRDJAN	2,931,027
SHANG, PEI	3,050,498	SMITH, CAMERON	2,914,394	STANTON, JAMES WILLIAM	2,934,235
SHARKNINJA OPERATING LLC	3,065,792	SMITH, CLINTON R.	3,101,488	STANWAY, JEFFERSON S. G.	3,023,741
SHARMA, ANUBHAV	3,016,381	SMITH, DANIEL	3,076,511	STEBBINS, GREG	3,000,872
SHARMA, SHIKHAR	3,082,287	SMITH, DAVID	2,927,275	STEFANSKI, MARIUSZ	3,099,510
SHARMA, YATENDRA	2,974,666	SMITH, DIRK E.	2,873,549	STEGER, GREG	3,033,244
		SMITH, RICHARD	2,954,856	STEINER, YIGAL	2,977,637
		SMITH, STUART E.	3,131,992	STEINMAN, CHRISTOPHER P.	2,917,840
		SMITH-COHEN, DAN	2,965,200	STEMLINE THERAPEUTICS, INC.	2,911,191
				STENGER, PATRICK CHRISTOPHER	3,086,412

Index of Canadian Patents Issued

February 28, 2023

STEPHAN, MARKUS	3,089,191	SYNCRUDE CANADA LTD. IN	THE GOVERNMENT OF THE
STEPHENSON, NEIL A.	3,103,291	TRUST FOR THE	UNITED STATES, AS
STEVENS, JODIE	2,959,537	OWNERS OF THE	REPRESENTED BY THE
STEVENS, SEAN	2,903,698	SYNCRUDE PROJECT AS	SECRETARY OF THE
STEVENSON, THOMAS MARTIN	2,934,891	SUCH OWNERS EXIST	ARMY, ON BEHALF OF
STEWARD, JOHN BRIAN	3,084,162	NOW AND IN THE	WALTER REED ARMY
STEWART, SCOTT JAMES	3,065,792	FUTURE	INSTITUTE OF
STEWART, TIM	2,948,756	SYNTHETIC BIOLOGICS, INC.	RESEARCH
STIVALA, CRAIG	3,094,197	SYNTHOMER USA LLC	2,841,376
STOJANOVIC, ALEKSANDRA	3,115,138	SZYLAKOWSKI, GREGG	THE HILLMAN GROUP, INC.
STOKES, MATTHEW	2,974,996	RAYMOND	2,976,480
STOLYAROV, SERGEY	3,062,497	TABUTEAU, HERIOT	THE LUBRIZOL
STONEHOUSE, JEFFREY PAUL	2,968,449	TAACONOA GROUP AG	CORPORATION
STORER, NICHOLAS P.	2,782,557	TAHARA, YASUTO	2,950,272
STOWITTS, ADAM P.S.	3,090,266	TAHERI, SAYED M. MIR	THE NOCO COMPANY
STRAND, JOEL D.	3,091,346	TAKAHASHI, KAZUYUKI	3,073,575
STRASSEL, CHRISTOPHER P.	2,933,821	TAKEDA PHARMACEUTICAL	THE PROCTER & GAMBLE
STREIBICH, DOUGLAS J.	2,974,303	COMPANY LIMITED	COMPANY
STROM, JASON	3,059,962	TAKENOUCHI, HIROSHI	3,044,750
STROMA MEDICAL CORPORATION	3,033,073	TAKEUCHI, SHOJI	THE PROCTER & GAMBLE
STROMSTEN, PATRIK	2,941,086	TAM, KAM CHIU	COMPANY
STRONG, ANTHONY JAMES	2,969,496	TAME, OMAR D.	3,102,285
STRONG, PETER	2,957,868	TAMIYA, JUNKO	THE REGENTS OF THE
STROUD, GARY	3,139,420	TAN-KIM, ALEXANDRE	UNIVERSITY OF
STRUIS, ANNEKE	2,798,444	TANAKA, KEISUKE	CALIFORNIA
STRUNK, MICHAEL	3,000,872	TANG, HAI	1,341,643
STUBNA, BORIS	2,959,433	TANG, HAI	THE REGENTS OF THE
STUCKERT, NICHOLAS R.	3,103,291	TANG, LEI	UNIVERSITY OF
STUDERUS, PAUL	2,948,206	TANG, QIUQIONG	CALIFORNIA
STYER, JEREMY	2,991,787	TANG, TONY P.	2,959,756
SU, CHUN-JU	3,094,712	TANG, YUHANG	THE SCRIPPS RESEARCH
SUAU, JEAN-MARC	2,972,590	TANIZAWA, AKIHIKO	INSTITUTE
SUBOTIC, DUSAN V.	2,931,027	TANOSAKI, SHO	3,091,670
SUD, RAJEN	2,864,354	TANSLEY, GEOFF	THE TRUSTEES OF
SUDO, KENICHI	3,051,438	TAO, YE	COLUMBIA UNIVERSITY
SULLIVAN, SHELBY L.	3,077,172	TAR, KEVIN	IN THE CITY OF NEW
SUMITOMO METAL MINING CO., LTD.	3,077,604	TATTERSFIELD, ANDREW	YORK
SUMMERS, ERIN	2,874,753	JOHN ROY	2,947,174
SUN GLOW WINDOW COVERING PRODUCTS OF CANADA LTD.	2,902,473	TAVANAI, ARYANA	THE TRUSTEES OF THE
SUN, YOUNXIANG	3,129,419	TAZZOLI, AUGUSTO	UNIVERSITY OF
SUNCOR ENERGY INC.	3,074,785	TEAGUE, PHILIP	PENNSYLVANIA
SUPERIOR MANUFACTURING LLC	2,917,620	TECHLAB, INC.	3,057,039
SURFACE IGNITER, LLC	3,134,707	TEKNOLOGIAN	THE UNITED STATES
SUZUKI, TAKEHITO	3,124,384	TUTKIMUSKESKUS VTT	GOVERNMENT AS
SVANEBJERG, ELO	3,048,336	OY	REPRESENTED BY THE
SVEDBERG, LARS-OLOF	2,969,302	TELEFONAKTIEBOLAGET LM	DEPARTMENT OF
SVEDBERG, LINDA	2,984,845	ERICSSON (PUBL)	VETERANS AFFAIRS
SWANHART, MACKENZIE LEE	3,065,792	TELSER, HEINZ	2,799,608
SWANTON, ANDREW MICHAEL	3,036,855	TEMPLE, WILLIAM SHAWN	THE UNIVERSITY OF BRITISH
SWELLFIX B.V.	2,938,068	TERAMURA, NAOKO	COLUMBIA
SWIETOSLAWSKI, JANUSZ	2,964,108	THALES	2,706,479
SWIMC LLC	2,962,425	THAMAKE, RAVINDRA	THE UNIVERSITY OF
SWISS SAFE COLLECT SA	2,960,885	THE BOEING COMPANY	MANCHESTER
SWM LUXEMBOURG SARL	2,978,174	2,964,400	2,961,293
		THOLEN, RYAN A.	THE UNIVERSITY OF TOKYO
		THOMAS, ADRIAN	2,931,056
		THOMAS, ALLEN, A.	2,941,738
		THOMAS, BEN	THE WELLBOSS COMPANY,
		THOMPSON, COREY	LLC
		THOMPSON, DANIEL	3,025,451
		THOMPSON, SETH A.	3,147,521
		THOREY, IRMGARD	2,946,402
		THWAITES, STEPHEN A.	3,065,132
		TIME WARNER CABLE	2,865,675
		ENTERPRISES LLC	3,079,129
		TIPTON, WADE	3,046,500
			2,646,146
			3,089,251

Index des brevets canadiens délivrés
28 février 2023

TIRTOWIDJOJO, MAX M.	2,954,285	TZACHEV, CHRISTO	VERHELLE, DOMINIQUE	3,082,287
TITANIUM TEXTILES AG	3,091,617	TZACHEV	VERIDIUM IP LIMITED	3,044,063
TITANIUM TEXTILES AG	3,091,619	UCB BIOPHARMA SPRL	VERNIER, WILLIAM	3,091,670
TITCOMB, JOHN B.	3,095,527	UCHIDA, KOHEI	VERONNEAU, STEEVE	2,976,976
TIZZOTI, MORGAN	2,937,612	UECKER, JAMES LEE	VESTERGAARD COMPANY	
TJOELKER, LARRY	3,018,774	UESAKA, SHINICHI	A/S	3,048,336
TOBACCO RESEARCH AND DEVELOPMENT INSTITUTE (PROPRIETARY) LIMITED	2,837,243	UHLAND, WILLIAM CLAUDE	VESTERGAARD, STEFAN	3,048,336
TOBERMAN, RICHARD	3,122,560	UHLING, THOMAS	VESTERINEN, VISA	3,125,824
TOHYAMA, SHUGO	3,040,637	UNDERHILL, DEREK	VEZAIN, STEPHANE	2,969,300
TOMARAS, GEORGIA D.	2,841,376	MICHAEL	VIASAT, INC.	2,999,303
TOMKINSON, NICHOLAS	2,968,449	UNGER, EVAN C.	VIAVI SOLUTIONS INC.	3,034,901
TOMPKINS, LANDON H.	2,959,538	UNGER, EVAN C.	VICKREY, MICHELLE	2,956,067
TOMSO, DANIEL J.	2,728,622	UNITED STATES GYPSUM COMPANY	VIDRI, PAUL	2,965,200
TONISSEN, ERIC JOHN	2,988,418	UNITRACT SYRINGE PTY LTD	VIEIRA, IVO	3,049,801
TORRES PAZMINO, DANIEL ESTEBAN	2,889,864	UNIVERSITE DE HAUTE ALSACE	VIEIRA, JOAO	2,985,698
TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION	3,115,504	UNIVERSITE DE LILLE	VIEW, INC.	2,941,526
TOTH, LANDY	2,889,674	UNIVERSITE PARIS-SACLAY	VIJAYAN, KANDASWAMY	3,048,415
TOYOTA JIDOSHA KABUSHIKI KAISHA	3,097,965	UNIVERSITY HEALTH NETWORK	VIJAYENDRAN, RAVI A.	2,929,547
TRACEY, BRIAN D.	2,914,975	UNIVERSITY OF LEICESTER	VIKOR, GYORGY	2,948,639
TRAN, HAI	3,026,285	UNIVERSITY OF LEICESTER	VINCENT, CELIEN	2,896,215
TRAVISH, GIL	3,011,305	UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION	VISUALASE, INC.	2,937,839
TREETOTEXTILE AB	2,984,845	UPSTART POWER, INC.	VIVUS, INC.	2,926,321
TREMBLAY, MAXIME	2,976,976	USALCO, LLC	VO, SONNY	3,064,724
TRESCHE, STEFAN	2,818,917	VADDER, DAVEY J.	VOLKEL, LUDWIG	2,914,279
TRICOYA TECHNOLOGIES LTD	2,955,083	VAIRAGOUNDAR, RAJENDRAN	VOLL, BENN	2,938,068
TRIGINER BOIXEDA, JORGE	3,068,940	VALADE, ANNE	VON BOCHMANN, GREGOR	2,838,104
TRIMBLE, STEVEN R.	3,094,799	VALENZUELA, DAVID M.	VON HOYNINGEN HUENE, EBERHARD	
TRINCH, CHRIS	3,072,232	VAN BRINK, DAVID A.	VONAGE AMERICA LLC	2,798,444
TROETSCH-SCHALLER, IRENE	2,969,027	VAN DEN ABBELE, PIETER	W. L. GORE & ASSOCIATES, INC.	3,105,733
TROTTA, CHRISTOPHER	3,080,983	VAN HOORICK, DIANE	W. L. GORE & ASSOCIATES, INC.	3,096,485
Trottier, Julie	2,928,933	VAN MOSEL, GERARDUS ANTONIUS FRANCISCUS	WACHTER, LUKE	3,056,418
TRoupin, BARBARA	2,926,321	VAN NEST, MARK	WAGGENER, WILLIAM N.	3,079,858
TRU LIFT SUPPLY INC.	2,915,465	VAN ROTTERDAM, JEROEN	WAGNER, KENNETH E.	3,135,623
TSAY, JAMES M.	3,053,175	VANDEKERCKHOVE, STIJN	WAGNER, ROBIN	2,905,221
TSUDA, YUJI	2,961,714	VANDENWORM, NICOLAAS JOHANNES	WAGNER, THOMAS	3,076,511
TSUI, LAP YAN JONATHAN	3,036,855	VANDEVELDE, ANNELIES	WAGONER, ROBERT	
TSUJIUCHI, TATSUYA	3,110,027	VANDEWALL, CYNTHIA A.	GREGORY	2,927,275
TSUKAGOSHI, IKUO	2,939,065	VANDITMARS, DEREK JOHN	WALKER, GARY M.	2,950,272
TU, EUGENE	3,048,415	VANEK, KAREL	WALKER, MORGAN JAMES	2,963,298
TU, WEN LI	2,843,162	VASILAKOS, JOHN	WALLACE, WILLIAM DEAN	2,947,016
TUCKER, AUSTIN REECE	3,135,623	VAULT PRESSURE CONTROL LLC	WALSH, JOSEPH C.	3,098,648
TUCKER, DANIEL ANTHONY	3,135,623	VEIT, OLIVER	WALSH, PATRICK	2,924,735
TUCKER, DAVID M.	3,135,623	VELAGAPUDI, PRASANNA	WALWORTH, VAN T.	2,946,249
TUCKER, ROBERT E.	2,918,317	VELOCITY LIDAR USA, INC.	WANG, BING	2,918,105
TURBERG, ANDREAS	2,929,390	VELTEN, ROBERT	WANG, JIFENG	2,968,380
TURNER, DAVID	2,984,446	VENKATASUBBARAO, SRIVATSA	WANG, KONGQIAO	3,071,699
TURNQUIST, NORMAN ARNOLD	2,968,380	VENTANA MEDICAL SYSTEMS, INC.	WANG, LIFENG	2,940,500
TURNTIDE TECHNOLOGIES INC.	3,069,326	VERASTEM, INC.	WANG, MING	3,074,841
TVA MEDICAL, INC.	2,905,591	VERBRUGGE, BEATRIJS	WANG, XIAOHUA	3,005,077
TYK MEDICINES, INC.	3,142,088	LOUISE MARIE-JOSEPH	WARD, YONG	2,933,821
TYRE RECYCLING SOLUTIONS SA	2,955,402	KATRIEN	WANG, YUNZHANG	3,125,030
TYSON, RICHARD	3,044,063		WARD, ZHULUN	2,873,549
			WARD, CHRISTINE	2,918,105
			WARD, JOSEPH D.	3,007,736
			WARDE, DAVID	2,943,012
			WARNAKULASOORIYA, RASIL	2,838,210
			WARNER, JOHN C.	2,930,290
			WATANABE, HIROSHI	2,964,713

Index of Canadian Patents Issued
February 28, 2023

WAYMO LLC	3,056,418	WOODGATE, RAYMOND	YU, CHENGUANG	3,091,670
WAYMO LLC	3,066,205	MAXWELL	YU, FENG	3,082,719
WEATHERFORD TECHNOLOGY HOLDINGS, LLC	3,003,787	WOODWARD, PHILIP JAMES	YU, GUANGWEI	3,082,719
WEAVER, MATTHEW MARK	2,936,186	WOOSLEY, AARON T.	YU, HAIFENG	3,082,719
WEBBER, DANIEL	3,144,726	WRIGHT, BENJAMIN	YU, HUI	3,085,727
WEBER, TOBIAS	3,121,022	WU, FUMEI	YUAN, JIALIANG	3,057,009
WEBSTER, MATTHEW	2,914,394	WU, WEN	YUSUPOV, AJRAT	3,091,617
WEDDEMAN, ALEXANDER	3,121,022	WU, XIN ALEX	AUHATOVICH	3,091,619
WEEKS, JR., T. WARREN	3,002,581	WU, YUSHENG	AUHATOVICH	3,101,737
WEETALL, MARLA L.	3,080,983	WURGLER, ROD	ZAAAG, BERT VAN DER	3,065,792
WEGGELAAR, ROBERT	2,912,494	WYNNYK, KYLE G.	ZABEL, NAOMI KALIA	2,928,933
WEGMANN, NATHAN	2,905,221	XEROX CORPORATION	WILLIAMS	3,095,707
WEI, TAI-FEN	3,084,920	XIA, YI	ZAGHIB, KARIM	2,838,497
WEI, YANG	2,874,742	XIAO, GAOZHI	ZAGHIB, KARIM	3,077,119
WEI, YONGBIN	3,019,679	XING, ZHIGANG	ZAHN, STEFAN	2,949,882
WEINER, DAVID B.	3,057,039	XIONG, JIUKAI	ZAMMIT, JOSEPH	3,091,692
WEINGARTEN, OREN P.	2,966,319	XU, HAO	ZAMPONI, ANNENETTE	2,990,283
WEIS, MANFRED	2,926,718	XU, MIN	ZANG, HONGMEI	3,091,617
WEISBART, RICHARD H.	2,799,608	XU, YI	ZAVARUEV, VLADIMIR	3,091,619
WEISS, MICHAEL BRENNER	2,950,687	XU, ZHIYUE	ANDREEVICH	3,039,380
WEISSENBERGER, MARKUS	3,110,558	XUE, YIQUN	ZENAITIS, MICHAEL	3,163,462
WELSH, KYLE R.	2,935,097	YAKOVENKO, OLEKSANDR	ZENG, WEI	2,970,062
WERNER CO.	3,104,047	YAMAGISHI, YASUAKI	ZETTERBERG, FREDRIK	2,838,497
WESTIN, STEFAN	2,969,609	YAMAGISHI, YASUAKI	ZEUTHEN, LOUISE HJERRILD	3,103,329
WHITAKER, RANDAL	3,122,560	YAMAHA HATSUDOKI	ZHAI, YIFAN	3,094,449
WHITE, DAVID J.	3,119,524	KABUSHIKI KAISHA	ZHANG, BO	3,103,329
WHITE, EVAN JAMES	3,065,792	YAMAMOTO, MAKIKO	ZHANG, DAHAI	3,050,498
WIDNER, WAYNE	3,112,962	YAMAZAKI, ATSUSHI	ZHANG, KANGWEN	3,085,727
WIEBE, KEVIN	3,147,521	YAMAZAKI, OSAMU	ZHANG, LEI	2,920,899
WIECZOREK, WOJCIECH	2,964,108	YAN, GUANGHUI	ZHANG, LIYING	2,895,148
WIEDNER, EVA	3,121,022	YAN, HAOHENG	ZHANG, WENJUN	2,957,783
WIERUCH, DENNIS	3,033,256	YAN, JIAN	ZHANG, YADONG	3,103,329
WIKTOR, CHRISTOPH	2,926,718	YAN, XINXIN	ZHANG, YI	3,061,229
WILDLOCK, MATS	3,115,138	YANG, DAJUN	ZHANG, YIBO	3,069,475
WILLIAM MARSH RICE UNIVERSITY	2,854,279	YANG, HAORUI	ZHANG, ZHIYI	2,990,283
WILLIAMSON, LOUIS D.	2,646,146	YANG, JAEWON	ZHAO, ALI	3,085,727
WILLIG, HENNING	3,089,191	YANG, KONGSHENG	ZHAO, GUILING	3,094,197
WILSON, JOHN WESLEY	2,921,046	YANG, NING	ZHAO, LEI	2,966,519
WILSON, KERRY	3,048,415	YANG, QING	ZHAO, WEI	3,071,699
WIMBUSH, ALEX	2,960,424	YANG, ROBERT	ZHAO, YAJUN	3,062,936
WINDHAGER, WILLIBALD	2,960,724	YANG, YINYE	ZHAO, YUEMIN	3,103,329
WINDISCH, MARC P.	2,946,062	YANQING, WANG	ZHENG, PEIZHONG	2,879,860
WINKLER, DAVID G.	2,943,075	YAO, JIAN	ZHIXIONG, XIE	2,874,742
WINTERS, GEOFFREY C.	2,906,784	YARDEN, GAL	ZHONG, ZHENG	2,874,742
WIRE-HOLDER KFT	2,976,058	YASSAF, DAVID	ZHOU, ENHUI	3,103,329
WIRTH, THOMAS	3,033,256	YASUDA, KYONO	ZHOU, LEI	3,163,462
WISDOM, RICHARD STEPHEN	2,935,859	YERRAMALLI, SRINIVAS	ZHOU, WEICHANG	2,951,551
WISE, MATTHEW EDWIN	3,099,529	YI, YOUN KYU	ZHU, LEI	2,947,174
WISSMANN, KORD J.	3,119,524	YIN, YINGSUI	ZIELKE, DONOVAN D.	2,938,076
WITSCHEL, MATTHIAS	2,818,917	YING, CHANG	ZIMMER KNEE CREATIONS, INC.	3,000,872
WITTMAAK, JOHN ROBERT, JR.	2,997,285	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE	ZIMMERMAN, STEVE	2,946,249
WODRICH, MICHAEL	3,054,521	HEBREW UNIVERSITY OF JERUSALEM LTD.	ZINGER, VICHESLAV	2,918,637
WOFFORD, JOSHUA D.	2,966,165	YOKOTA, DAISUKE	ZOETIS SERVICES LLC	3,054,601
WONDER, BRUCE	2,960,999	YOKOTA, TAKANORI	ZOETIS SERVICES LLC	3,081,371
WONDERLAND SWITZERLAND AG	3,057,009	YOKOTA, TOMOYUKI	ZOU, MIN	2,903,248
WOODARD, STEVE	3,088,022	YOKOYAMA, TAKUYA	ZTE CORPORATION	3,062,936
WOODGATE, MARC RAYMOND	2,920,438	YOO, JUNSANG	ZUAZO RODRIGUEZ, IAN ALBERTO	3,082,063
		YOSHIDA, MASAKUNI	ZWAYER, JAKE	3,060,223
		YOSHINO KOGYOSHO CO., LTD.	ZYKOV, STANISLAV VLADIMIROVICH	3,001,997
			ZYMEWORKS BC INC.	2,906,784

**Index des brevets canadiens délivrés
28 février 2023**

ZYWIAK, THOMAS M.

2,922,424

Index of Canadian Applications Open to Public Inspection

February 12, 2023 to February 18, 2023

Index des demandes canadiennes mises à la disponibilité du public

12 février 2023 au 18 février 2023

10353744 CANADA LTD.	3,128,561	CAWOOD, MARTIN	3,128,418	GILES, BRIAN	3,158,031
10353744 CANADA LTD.	3,170,007	CENOVUS ENERGY INC.	3,169,921	GLOOR, GREGORY B.	3,128,546
10353744 CANADA LTD.	3,170,013	CERTAINEED GYPSUM, INC.	3,170,295	GRICE, BYRON KEITH	3,170,539
10353744 CANADA LTD.	3,170,100	CHAN, MICHAEL	3,168,012	GU, HAIDONG	3,128,317
10353744 CANADA LTD.	3,170,154	CHEUNG, TOMMY TSZ HIM	3,158,656	GU, HAIDONG	3,128,560
10353744 CANADA LTD.	3,170,672	CHEUNG, TOMMY TSZ HIM	3,170,312	GUPTA, SUNIL	3,156,398
2724889 ONTARIO INC.	3,169,562	CHEWINS, ELLIOTT	3,128,639	HA, HENGXU	3,170,504
ABREU, RUAL	3,128,418	CHINEME, EMEKA	3,169,921	HAMILTON, KEVIN J.	3,169,552
ADVANCED LITHIUM ELECTROCHEMISTRY CO., LTD.		CHU, HEAREE	3,170,933	HART, MICHAEL KENNETH	3,170,539
AGCO CORPORATION	3,157,295	CLARK, DOUGLAS	3,158,400	HERC RENTALS INC.	3,156,398
AL-KHAIRY, ISSAM	3,169,552	CLARK, DOUGLAS	3,160,558	HESCH, WAYNE EDWARD	
AL-KHAIRY, ISSAM	3,170,301	CLIFTON, STEVEN GUY	3,169,906	JASON	3,154,786
ALBERT, LAURENT EUGENE	3,170,498	CLINE, STEPHEN	3,170,295	HINTERKOPF GMBH	3,170,601
ALDWORTH, MICHAEL	3,168,380	COLLIN-MARTIN, STEVE	3,128,220	HOARD, DAVID	3,170,078
ALHAJYOUSEF, SAEED	3,154,786	COURTEMANCHE, ALAIN	3,128,326	HOGENDOORN, CORNELIS,	
ALSTAD, SHAWN	3,128,305	CRAINIC, CRISTINA	3,170,187	JOHANNES	3,170,287
ANDRASSY, GABOR	3,168,984	CROMPTON, BRENDAN		HONEYMAN, FRIEDRICH	
ARROYO, NOE	3,170,455	ROBERT	3,128,418	ROBERT	3,169,552
ASAYAMA, MASAHIRO	3,170,078	CYCLINGDEAL USA, INC.	3,128,317	HONEYWELL	
ASKERKA, MIKHAIL	3,167,527	CYCLINGDEAL USA, INC.	3,128,560	INTERNATIONAL INC.	3,168,984
ASSA ABLOY ACCESS AND EGRESS HARDWARE GROUP, INC.	3,128,117	CZECH, MATTHEW	3,145,748	HOPKINS, MARK	3,170,091
ASSA ABLOY ACCESS AND EGRESS HARDWARE GROUP, INC.	3,158,400	CZECH, STEPHEN	3,145,748	HORVATH, PETER	3,127,896
BAIRD, BARRY WAYNE, JR.		DAUPHINAIS, GUILLAUME	3,170,661	HOUSE, MICHAEL	3,170,295
BAIRD, JR., BARRY WAYNE	3,170,650	DAYSH, PAUL	3,171,606	HSIEH, HAN-WEI	3,157,295
BAIRD, JR., BARRY WAYNE	3,170,096	DEERE & COMPANY	3,168,302	HUANG, CHEN-YI	3,157,295
BAKER HUGHES HOLDINGS LLC	3,168,865	DELAPORTE, NICOLAS	3,128,220	HUANG, YIMING	3,146,622
BEDI, SUKHPREET KAUR	3,154,786	DEMERS, FRANCIS	3,169,844	HYDRO-QUEBEC	3,128,220
BENNETT, ARI	3,170,539	DEMERS, FRANCIS	3,170,187	HYDRO-RESSOURCES INC.	3,180,567
BHATTACHARYA, SUJIT	3,169,681	DHAND, ISH	3,170,661	INDEN, MARGARET	
BLACK BRUIN OY	3,168,380	DI PINTO, ALESSANDRO	3,170,180	ELIZABETH	3,128,191
BODOSCI, ENDRE	3,170,455	DROLET, MARTIN	3,169,844	INNOVATIVE MINING	
BOK MODERN LLC	3,170,933	DUNJIC, MILOS	3,128,191	PRODUCTS (PTY) LTD	3,128,418
BOUFFARD, CHRISTIAN JOSEPH	3,168,865	DUNJIC, MILOS	3,131,374	INUZUKA, RIKO	3,167,527
BOURASSA, JOSEPH ELI	3,154,786	DURAND, SEAN	3,170,219	JANKA, KEVIN	3,170,091
BRUNEAU, SAMUEL	3,183,349	EDGELL, DAVID R.	3,128,546	JEYAKUMAR, ELIZA	3,154,786
BRUTTOMESSO, ROBERTO	3,170,180	EVANS, NEAL A. (DECEASED)	3,128,311	JIANG, JINLING	3,170,013
BURGESS, IAN BRUCE	3,128,117	FEDEROV, VALERII	3,127,975	JIANG, XIN	3,170,013
BUSCHGENS, JACOBUS CORNELIS	3,170,455	FISCHMEISTER, SEBASTIAN	3,170,275	JONES, CHRISTOPHER MARK	3,130,917
BUSENITZ, BRIAN	3,170,933	FOCUS-ON V.O.F.	3,170,287	JONES, CHRISTOPHER MARK	3,170,096
BUTTERWICK, DAVID CAN-AMERICAN CORRUGATING CO. LTD.	3,128,305	FORSTER, CASEY JADE	3,128,191	JONES, CHRISTOPHER MARK	3,170,650
CARCANO, ANDREA	3,170,533	FORTHOFFER, DANIEL		JONES, CHRISTOPHER MARK	3,170,654
CAREFUSION 303, INC.	3,169,552	WILLIAM	3,170,684	KAMEDA, TSUNEJI	3,167,527
CARULLO, MORENO	3,169,921	FREEMAN, CHRISTOPHER	3,168,865	KARAS, BOGUMIL J.	3,128,546
CAPITAL ONE SERVICES, LLC	3,170,078	FREER, RICHARD	3,170,030	KARBASI, MARYAM	3,127,896
CARCANO, ANDREA	3,170,180	FREER, RICHARD	3,170,222	KARHOF GROEP B.V.	3,170,533
CAREFUSION 303, INC.	3,170,078	FREER, RICHARD	3,170,501	KEEBLE, DREW	3,170,084
CARULLO, MORENO	3,170,180	FUSCA, DANIEL	3,128,117	KELLY, THOMAS OSMAN	3,130,917
CARCANO, ANDREA	3,170,180	GEA FARM TECHNOLOGIES CANADA INC.	3,128,326	KEMP, BEN	3,168,297
CAREFUSION 303, INC.	3,170,078	GENERAL ELECTRIC		KIM, JAE H.	3,161,015
CARULLO, MORENO	3,170,180	TECHNOLOGY GMBH	3,170,504	KIMBERLY, GREGORY	3,161,015
CAPITAL ONE SERVICES, LLC	3,162,116	GIESBRECHT, DENNIS NEIL	3,154,786	KLEIN TOOLS, INC.	3,170,290
CARCANO, ANDREA	3,170,203	GIGUERE, DANIEL	3,128,546	KOBAYASHI, SHOHEI	3,167,527
CAREFUSION 303, INC.	3,170,078	GILDERT, SUZANNE	3,170,186	KOCHHAR, ISHAN	3,169,921
CARULLO, MORENO	3,170,180	GILDERT, SUZANNE	3,170,190	KOPPELAAR, RYAN	3,127,975
				KOSKINEN, JUKKA	3,171,558

Index des demandes canadiennes mises à la disponibilité du public

12 février 2023 au 18 février 2023

KOWALSKY, PATRICK	3,170,539	NORTON, OLIVIA	3,170,190	R.A. PHILLIPS INDUSTRIES,
KROTH, ROGERIO L.	3,168,302	NOUR EL DEAN, HANY	3,128,309	INC. 3,170,684
KUSTER, HANSPIETER	3,168,297	NOZOMI NETWORKS SAGL	3,170,180	RADFORD, CRAIG D. 3,170,295
LALKA, VIPUL KISHORE	3,131,374	OBERACKER, ULRICH	3,170,601	RAMACHANDRAN, SHARATH 3,158,400
LARSEN, CYRUS	3,183,349	OCAS	3,154,786	RAMACHANDRAN, SHARATH 3,160,558
LAWRENCE, CLAUDE BERNELL, JR.	3,170,650	OHRSTROM, ROLF	3,170,393	RASTOGI, KUSHANK 3,128,191
LAWRENCE, JR., CLAUDE BERNELL	3,170,096	OHRSTROM, ROLF	3,170,398	RASTOGI, KUSHANK 3,131,374
LAWRENCE, JR., CLAUDE BERNELL	3,170,654	OLUND, BRENT G.	3,168,309	ROKNI, ROOZBEH 3,127,896
LAYSON, VANESSA	3,156,398	OSADA, NORIKAZU	3,167,527	ROSE, GEORDIE 3,170,186
LE, ZHENGYI	3,170,154	OSTER, YANN	3,169,970	ROSE, GEORDIE 3,170,190
LEE, MATTHEW JAMES	3,127,896	OVH	3,169,436	ROSE, MICHEAL 3,170,091
LEITES, RICK	3,158,400	PALMER, ROGER CLIVE	3,170,539	ROSNER, BRIAN 3,170,539
LEITES, RICK	3,160,558	PALMIERI, ERIC	3,158,400	ROY, JAMES 3,127,984
LESKINEN, MIKKO	3,171,558	PALMIERI, ERIC	3,160,558	RUDYAN, AMIR 3,140,628
LI, VANESSA	3,127,896	PANDYA, SURAJ	3,156,398	RUTY, GUILLAUME 3,169,436
LI, XIAOMING	3,170,504	PASTORINO, PAOLO ETTORE	3,128,418	SABAPATHY, KRISHNAKUMAR 3,170,661
LIN, YUAN-KA	3,157,295	PATEL, HARSHAD	3,130,917	SALAZAR, JAIME ANDRES VALENCIA 3,154,786
LISTON, LAURENCE D.N.	3,168,984	LAXMANBHAI	3,170,578	SANCTUARY COGNITIVE SYSTEMS CORPORATION 3,170,186
LITTLEJOHN, MICHAEL	3,170,203	PATEL, VINAY	3,170,091	SANCTUARY COGNITIVE SYSTEMS CORPORATION 3,170,190
LIU, JIANGUÓ	3,128,561	PEARSON SMITH, JUSTIN	3,128,575	PERES, TAMIR SYSTEMS CORPORATION 3,170,190
LIU, PEIBIN	3,170,007	PENNO'S MACHINING AND	3,156,398	PERKO, HOWARD SAWATSKY, ASHLEY 3,167,465
LIU, TUANFANG	3,150,569	MANUFACTURING LTD.	3,171,606	PETERSON, THOMAS DALE SCHAAP, FOEKE JASPER 3,170,533
LIU, TUANFANG	3,155,616	PHARR, JEFF	3,170,684	PLAY'N GO MARKS LTD. SCHLINK, ALEXANDER 3,169,911
LOPEZ RODRIGEZ, OANA	3,154,786	PLAY'N GO MARKS LTD	3,170,203	PLIZGA, CRAIG SCHMID, PHILIPP 3,170,395
LUAN, CHENG	3,170,154	PRATT & WHITNEY CANADA	3,170,455	LUCKOW, WENDELL PRATT & WHITNEY CANADA 3,170,539
LYVER, TROY	3,170,539	CORP.	3,129,779	CORP. PRATT & WHITNEY CANADA 3,170,601
MAIR, ROLAND	3,171,606	PRATT & WHITNEY CANADA	3,169,844	MANGINI, CHRISTOPHER PRATT & WHITNEY CANADA 3,158,031
MANGINI, CHRISTOPHER	3,168,297	CORP.	3,170,030	MANJUNATH, AVINASH PRATT & WHITNEY CANADA 3,170,578
MANJUNATH, AVINASH HASSAN	3,170,290	PRATT & WHITNEY CANADA	3,170,187	HASSAN PRATT & WHITNEY CANADA 3,168,297
MANSIKKASALO, JARMO	3,169,906	CORP.	3,170,219	MAYER, TOBIAS PRATT & WHITNEY CANADA 3,128,295
MARANGONI, ALEJANDRO	3,171,558	PRATT & WHITNEY CANADA	3,170,222	MAYS, SON PRATT & WHITNEY CANADA 3,128,191
MAYER, TOBIAS	3,130,680	CORP.	3,170,301	MAZZA, ALDO PRATT & WHITNEY CANADA 3,154,786
MAYS, SON	3,170,601	PRATT & WHITNEY CANADA	3,170,490	MCKAY, HOWARD PRATT & WHITNEY CANADA 3,155,616
MAZZA, ALDO	3,170,203	CORP.	3,170,495	MCMASTER UNIVERSITY PRATT & WHITNEY CANADA 3,127,975
MCKAY, HOWARD	3,128,575	PRATT & WHITNEY CANADA	3,170,495	MENG, ZEYANG PRATT & WHITNEY CANADA 3,170,091
MCMASTER UNIVERSITY	3,170,578	CORP.	3,170,219	MENHEERE, DAVID PRATT & WHITNEY CANADA 3,169,911
MENG, ZEYANG	3,170,672	PRATT & WHITNEY CANADA	3,170,222	MESHKINFAM, EZZAT PRATT & WHITNEY CANADA 3,128,191
MENHEERE, DAVID	3,170,495	CORP.	3,170,301	MILIZIANO, CHARLOTTE PRATT & WHITNEY CANADA 3,128,546
MESHKINFAM, EZZAT	3,170,219	PRATT & WHITNEY CANADA	3,170,490	MILLER, AARON WILLIAM PRATT & WHITNEY CANADA 3,170,091
MILIZIANO, CHARLOTTE	3,170,455	CORP.	3,170,495	MISTRAS GROUP, INC. PRATT & WHITNEY CANADA 3,128,311
MILLER, AARON WILLIAM	3,128,639	PRATT & WHITNEY CANADA	3,170,219	MORENO, CARLOS PRATT & WHITNEY CANADA 3,170,490
MISTRAS GROUP, INC.	3,170,303	CORP.	3,170,500	MORRIS, ELLIOTT PRATT & WHITNEY CANADA 3,170,539
MORENO, CARLOS	3,170,275	PRATT & WHITNEY CANADA	3,170,501	MORRIS, KELLY PRATT & WHITNEY CANADA 3,170,490
MORRIS, ELLIOTT	3,170,303	CORP.	3,158,400	MORSTATT, SCOTT PRENDERGAST, JONATHAN 3,169,562
MORRIS, KELLY	3,170,303	PRATT & WHITNEY CANADA	3,160,558	MORSTATT, SCOTT PRENDERGAST, JONATHAN 3,168,155
MORSTATT, SCOTT	3,158,400	CORP.	3,154,786	MUKADDAM, SAHEEM PRENDERGAST, JONATHAN 3,168,159
MORSTATT, SCOTT	3,160,558	PRATT & WHITNEY CANADA	3,170,303	SHAHABUDDIN PRENDERGAST, JONATHAN 3,168,155
MUKADDAM, SAHEEM SHAHABUDDIN	3,168,159	CORP.	3,170,395	MUSGRAVE, JOHN PRENDERGAST, JONATHAN 3,168,159
MUSGRAVE, JOHN	3,168,159	PRATT & WHITNEY CANADA	3,170,933	NAUTEL LIMITED PRENDERGAST, JONATHAN 3,169,562
NAUTEL LIMITED	3,128,385	CORP.	3,168,155	NAYLOR, RUSSELL PRENDERGAST, JONATHAN 3,170,013
NAYLOR, RUSSELL	3,130,680	PRATT & WHITNEY CANADA	3,168,159	NEIL, JOHN PRENDERGAST, JONATHAN 3,170,873
NEIL, JOHN	3,168,155	CORP.	3,130,680	NEIL, JOHN QUEGUINER, JEAN-LOUIS 3,170,873
NEIL, JOHN	3,168,159	PRATT & WHITNEY CANADA	3,168,155	NGUYEN, CAN QUEGUINER, JEAN-LOUIS 3,170,873
NGUYEN, CAN	3,128,385	CORP.	3,168,159	NICHOLSON, REED A. QUESADA, NICOLAS 3,170,873
NICHOLSON, REED A.	3,130,680	PRATT & WHITNEY CANADA	3,168,159	NOLL/NORWESCO LLC. QUINTIN, HUGO 3,170,873
NOLL/NORWESCO LLC.	3,168,155	CORP.	3,170,186	NOLL/NORWESCO LLC. QUINTIN, HUGO 3,170,873
NOLL/NORWESCO LLC.	3,168,159	PRATT & WHITNEY CANADA	3,170,186	NORTON, OLIVIA QUINTIN, HUGO 3,170,873

Index of Canadian Applications Open to Public Inspection
February 12, 2023 to February 18, 2023

SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE	3,169,681	WEBER, JOACHIM WEERES, STEVEN R. WEINSTEIN, ADAM WILLIAM WILKINSON, DAVID WILLIAMSON, MICHAEL ARMAN	3,170,601 3,168,152 3,128,117 3,170,539 3,154,786
TAIGA MOTORS INC.	3,183,349	WILSON, LAURIN THOMAS, SR.	3,170,372
TAX, DAVID SAMUEL	3,128,191	WU, XIN ALEX	3,169,681
TAX, DAVID SAMUEL	3,131,374	XANADU QUANTUM TECHNOLOGIES INC.	
TELEDACT INC.	3,158,656	XIANG, LING	3,170,661
TELEDACT INC.	3,170,312	XIAO, YUEBAI	3,170,504
THALES	3,169,970	XUENING, LU	3,170,084
THE BOEING COMPANY	3,161,015	XUN, WEI	3,170,219
THE HC COMPANIES, INC.	3,170,084	YLA-MONONEN, TERO	3,168,380
THE HILLMAN GROUP, INC.	3,170,539	ZHAO, LEI	3,170,007
THE TORONTO-DOMINION BANK	3,127,896	ZHAO, PENG	3,170,007
THE TORONTO-DOMINION BANK	3,128,191	ZHOU, XUYANG	3,128,561
THE TORONTO-DOMINION BANK	3,128,305	ZHU, XINHE	3,170,013
THE TORONTO-DOMINION BANK		ZHUANG, AORAN	3,170,100
THE TORONTO-DOMINION BANK		ZRAFI, RACHED	3,170,943
THE TORONTO-DOMINION BANK	3,130,917		
THE TORONTO-DOMINION BANK	3,131,374		
THE TORONTO-DOMINION BANK	3,170,096		
THE TORONTO-DOMINION BANK	3,170,650		
THE TORONTO-DOMINION BANK	3,170,654		
THE UNIVERSITY OF WESTERN ONTARIO	3,128,546		
THERRIEN, ALAIN	3,168,154		
THERRIEN, KEVIN	3,168,154		
TIANTAI TIANYU OPTOELECTRONIC CO., LTD.	3,164,761		
TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION	3,167,527		
TOYOTA MATERIAL HANDLING, INC.	3,169,911		
TRANSPORTATION IP HOLDINGS, LLC	3,169,906		
TZITRIN, JIAN	3,170,661		
VALIDERE TECHNOLOGIES INC.	3,128,117		
VALMET AUTOMATION OY	3,171,558		
VAN CASPEL, STEFAN	3,170,287		
VAN DER ZWAAL, OLOF NICOLAAS	3,170,533		
VERREAULT, MICHAEL	3,180,567		
VISION EXTRUSIONS GROUP LIMITED	3,170,393		
VISION EXTRUSIONS GROUP LIMITED	3,170,398		
VISSE, TIM	3,170,533		
WALDNER, PAUL	3,162,116		
WALTERS INC.	3,127,975		
WANG, CHUEH-HAN	3,157,295		
WANG, HELEN	3,128,546		
WANG, ZHAOJUN	3,164,761		

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

A O IDEAS GMBH	3,181,910	AKCIONERNOE	ANDERSSON, MICHAEL	3,181,669
AARTS, SANNE	3,189,758	OBSHCHESTVO	ANDO KAZUO	3,180,132
ABARZADEH, MOSTAFA	3,181,128	"NACIONAL'NAYA	ANDROULAKI,	
ABBITT, SHANE E.	3,189,779	SISTEMA PLATEZHNYKH	KRYSTALENIA	3,189,806
ABBOTT DIABETES CARE INC.	3,180,927	KART"	ANGEL, HAROLD	
ABBOTT DIABETES CARE INC.	3,181,614	AKHMAD, MOHAMMED-ASIF	ALEXANDER	3,181,038
ABBOTT DIABETES CARE INC.	3,181,818	AKSEERA PHARMA CORP.	ANGION BIOMEDICA CORP.	3,189,725
ABBOTT DIABETES CARE INC.	3,181,858	AL SAYED, CHADY	ANHEUSER-BUSCH INBEV	
ABBOTT DIABETES CARE INC.	3,181,804	AL'KHAFAJI, AZIZ	(CHINA) CO., LTD.	3,139,962
ABBOTT LABORATORIES	3,181,033	AL-HADDAD, KAMAL	ANJARIUM BIOSCIENCES AG	3,189,740
ABRA, LEWIS	3,180,900	ALADDIN MANUFACTURING	ANZIANI OSTUNI, GIOVANNA	
ACADEMIA SINICA	3,189,465	CORPORATION	FRANCESCA	3,189,624
ACCELERATE WIND LLC	3,181,401	ALADDIN MANUFACTURING	AOYAMA, KYOSUKE	3,189,294
ACER THERAPEUTICS INC.	3,189,841	CORPORATION	APGAR, JAMES REASONER	3,189,590
ACLARA TECHNOLOGIES LLC	3,189,661	ALADDIN MANUFACTURING	APPANI LA ROSA,	
ACS FACADES HOLDINGS LIMITED	3,189,234	CORPORATION	SANTIAGO	3,189,682
ACTIVE WITNESS CORP.	3,181,112	ALARM.COM	APPLAUSE PHARMA CO.,	
ACUITAS THERAPEUTICS, INC.	3,189,338	INCORPORATED	LTD.	3,189,026
ADAGENE PTE. LTD.	3,181,677	ALARM.COM	APPLIMIND LTD.	3,181,318
ADAMA MAKHTESHIM LTD.	3,181,785	INCORPORATED	APTABIO THERAPEUTICS	
ADAMA MAKHTESHIM LTD.	3,181,797	ALASSUITY, AHMED SAID	INC.	3,189,497
ADEME, BALAGER	3,181,122	ALCON INC.	ARQUIS SYSTEMS AG	3,189,088
AESCHLIMANN, ANDREAS	3,180,923	ALCON INC.	ARAN, KIANA	3,182,081
AETHERA TECHNOLOGIES LIMITED	3,181,247	ALLEN, SIAN VICTORIA	ARANGUREN VAN EGMOND,	
AFFINIO INC.	3,189,591	ALL-AMERICAN HOLDINGS,	DEREK	3,186,631
AGCO CORPORATION	3,189,064	LLC	ARAUJO DA SILVA, JOSE-	
AGCO CORPORATION	3,189,067	ALLER, JARED	CARLOS	3,181,270
AGCO CORPORATION	3,189,072	ALLINAIRE THERAPEUTICS,	ARB LABS INC.	3,189,080
AGCO CORPORATION	3,189,074	LLC	ARBITUS BIOPHARMA	
AGENEBIO, INC.	3,189,302	ALLSTATE INSURANCE	CORPORATION	3,181,580
AGOSTINELLI, TIZIANO	3,181,146	COMPANY	ARBITUS BIOPHARMA	
AHEARN, MATTHEW	3,189,804	ALMANSOUR, KHALED	CORPORATION	3,181,590
AHMADI, SEYED MOHAMMAD	3,189,758	ALONSO SILVA, IGNACIO	ARENDNS, ERIC	3,181,879
AHMETHODZIC, SEAD	3,181,883	ALTUNTAS, MESUT	ARENDNS, ERIC	3,181,883
AHN, JONG SOOK	3,181,715	AM SOLUTIONS HOLDING	ARGUMEDO, DARWIN	3,180,965
AIM IMMUNOTECH INC.	3,181,502	B.V.	ARICHCHA, REVITAL	3,189,818
AIMONE, CHRISTOPHER ALLEN	3,189,784	AMBARTSOUMIAN,	ARIZONA BOARD OF	
AINEKULU, ZEMEDA	3,189,293	GOURGEN	REGENTS ON BEHALF OF	
AIR UP GROUP GMBH	3,189,748	AMBATURE, INC.	ARIZONA STATE	
AKCIONERNOE		AMBRASS, CHARLES	UNIVERSITY	3,181,061
OBSHCHESTVO		AMETALIN IP PTE LTD	ARIZONA BOARD OF	
"NACIONAL'NAYA		AMGEN INC.	REGENTS ON BEHALF OF	
SISTEMA PLATEZHNYH		AMGEN INC.	NORTHERN ARIZONA	
KART"	3,181,021	AMIT, INBAR	UNIVERSITY	3,181,157
		AMOS, DANIEL	ARNOLD, KIM TIMOTHY	3,189,410
		ANCRA INTERNATIONAL LLC	ARNOLD, HUDSON	3,181,294
		ANDERSON, RAYMOND	ARNOLD, LEE D.	3,181,162
		ANDERSON, ROBERT LEE	ARNOLD, LEE D.	3,181,209
		ANDERSON, STEVE R.	ARRIS ENTERPRISES LLC	3,181,298
		ANDERSSON, FREDRIK	ARRIS ENTERPRISES LLC	3,181,303
			ARRIS ENTERPRISES LLC	3,181,442
			ARRIS ENTERPRISES LLC	3,181,457
			ARRIS ENTERPRISES LLC	3,181,480
			ARRIS ENTERPRISES LLC	3,181,810
			ARSENAL MEDICAL, INC.	3,181,562

Index of PCT Applications Entering the National Phase

ARTHROSI THERAPEUTICS, INC.	3,181,902	BAKSHI, RAJEEV KUMAR BALBOA, JAVIER RODRIGUEZ	3,181,112 3,181,958	BECKER, MARLIES BECTON DICKINSON FRANCE BECTON, DICKINSON AND COMPANY	3,181,108 3,183,444
ASAI, TAKAHIRO	3,189,457	BALLMANN, RICO BALLS, TODD A.	3,181,108 3,180,916	BEDARD, KEVEN BEDOUKIAN RESEARCH, INC. BEDOUKIAN, ROBERT H.	3,181,659 3,189,836
ASEFI, MOHAMMAD ASHVATTHA THERAPEUTICS, INC.	3,189,064 3,189,682	BALTHASAR, DIRK BALTHASAR, DIRK BALTHASAR, FELIX JOHANNES	3,181,055 3,181,095	BEIJING INNOCARE PHARMA TECH CO., LTD.	3,189,441 3,189,441
ASO, SHUNICHI	3,189,384	BALBOA, JAVIER RODRIGUEZ	3,189,342	BEISSERT, TIM	3,189,041
ASPHOLM, MARINA ASSISTANCE PUBLIQUE HOPITAUX DE PARIS	3,189,751 3,189,345	BALBOA, JAVIER RODRIGUEZ BAN, SOOHO	3,181,655 3,189,497	BEITZ, MANUEL BELFIELD, ANDREW BELFIELD, ANDREW	3,181,193 3,189,422
ASTELLAS PHARMA, INC.	3,189,553	BANCET, ALEXANDRE	3,181,071	BELFIELD, ANDREW	3,187,393
ASTRA NAVIGATION, INC.	3,181,086	BARAK FUCIIS, REUT	3,182,383	BELISLE-ROY, ETIENNE	3,187,514
ASTRA NAVIGATION, INC.	3,181,094	BARAN ELMEDVI, SHIRI	3,189,570	BELIVEAU, STEVEN	3,181,857
ATARUS, ROOZBEH	3,181,630	BARAS, ARIS	3,189,755	BELLMYER, MARK	3,181,832
ATC TECHNOLOGIES, LLC	3,180,907	BARBIERI, SCOTT	3,189,641	BELUR, RAGHUVEER R.	3,180,910
ATLAR, MEHMET	3,189,428	BARD ACCESS SYSTEMS, INC.	3,189,733	BEN MAYOR, MAY SOFIA	3,180,902
ATLAR, MEHMET	3,189,057	BARD ACCESS SYSTEMS, INC.	3,189,749	BEN-ARI, OZI	3,182,383
ATSUMI, SHOGO	3,189,792	BARD ACCESS SYSTEMS, INC.	3,189,757	BENASSI, MATTEO	3,189,378
ATSUMI, SHOGO	3,181,148	BARD ACCESS SYSTEMS, INC.	3,189,845	BENTON, PATRICIA RAE	3,185,908
ATTAL, YVES	3,181,160	BARD ACCESS SYSTEMS, INC.	3,189,757	BEREZOVSKY, SUZANNE E.	3,189,608
AUSTRHEIM, TROND	3,181,318	BARGALLO, JOSEP PALASI	3,189,733	BERKSHIRE GREY OPERATING COMPANY,	3,181,077
AUTOSTORE TECHNOLOGY AS	3,181,458	BARGUM, JONAS RIDDERSHOLM	3,189,237	INC.	3,189,559
AUTOSTORE TECHNOLOGY AS	3,181,491	BARNES, CHRISTOPHER BARNES, THOMAS	3,188,730 3,179,423	BERKSHIRE GREY OPERATING COMPANY,	3,189,565
AUTOSTORE TECHNOLOGY AS	3,181,496	BARNES, THOMAS HEINRICH	3,173,712	INC.	
AUTOSTORE TECHNOLOGY AS	3,181,894	BARRETT, TRAVIS BASF AGRICULTURAL SOLUTIONS SEED US LLC	3,181,832 3,181,023	BERKSHIRE GREY OPERATING COMPANY, INC.	
AVIGAD LARON, EFRAT	3,189,570	BASF CORPORATION	3,181,824	BERKSHIRE GREY OPERATING COMPANY,	3,189,612
AVINATHAN, ITAY	3,189,731	BASF SE	3,181,076	INC.	
AWE TECHNOLOGIES, LLC	3,181,267	BASF SE	3,181,596	BERLIZEVA, EVGENIYA	3,189,615
AYOTTE, SIMON	3,189,836	BASF SE	3,181,721	MIHAJLOVNA	
BABADI, MEHRTASH	3,182,741	BASF SE	3,189,369	BERMEJO, ETHEL	3,181,021
BABKA, JEAN-PIERRE	3,181,614	BASF SE	3,189,747	BERMINGHAM, NESSAN	3,181,312
BABKA, JEAN-PIERRE	3,181,858	BASKARAN, SHEEBA BACKIA MARY	3,180,907	ANTHONY	3,180,981
BABU, KILLAKATHU RAMANATHAN	3,181,028	BASSO, JESSICA	3,181,285	BERNARD, RANDY	3,189,783
BABU, KILLAKATHU RAMANATHAN	3,181,088	BASTIOLI, CATIA	3,189,347	BERNHAGEN, JURGEN	3,181,741
BABU, KILLAKATHU RAMANATHAN	3,181,093	BATAILLE, AURELIEN	3,181,268	BERNHARD, KAY	3,183,868
BABU, KILLAKATHU RAMANATHAN	3,181,097	BATNI, PRABHANJAN	3,181,138	BERRIN, JEAN-GUY	3,182,323
BABU, KILLAKATHU RAMANATHAN	3,181,104	BATTELLE MEMORIAL INSTITUE	3,180,965	BERTIN TECHNOLOGIES	3,181,268
BABU, KILLAKATHU RAMANATHAN	3,181,115	BATTELLE MEMORIAL INSTITUTE	3,181,239	BERTINI, LEONARDO	3,185,908
BABU, KILLAKATHU RAMANATHAN	3,181,119	BATTELLE MEMORIAL INSTITUTE	3,181,246	BERTOGLIO, FEDERICO	3,181,108
BAE SYSTEMS PLC	3,189,056	BAUERMANN, SOREN	3,181,824	BESWICK, PAUL	3,189,761
BAE SYSTEMS PLC	3,189,057	BAUMGARTNER, MARTIN	3,189,401	BETTENCOURT, BRIAN R.	3,180,981
BAE SYSTEMS PLC	3,189,132	BAUMGARTNER, MARTIN	3,181,825	BHAMRI, ANKIT	3,180,911
BAE SYSTEMS PLC	3,189,792	BAUSCH + LOMB IRELAND LIMITED	3,181,831	BHANDARI, ASHOK	3,189,432
BAEK, HYUNJUNG	3,181,143	BAVARIAN NORCIG A/S	3,189,356	BHARGAVA, SWAPNIL	3,189,533
BAEK, HYUNJUNG	3,181,153	BAYER HEALTHCARE LLC	3,181,317	BHYRI, PRIYANKA	3,189,603
BAI, LU	3,181,660	BAYRAK, OMER FARUK	3,189,381	BICYCLETX LIMITED	3,189,761
BAKER HUGHES OILFIELD OPERATIONS, LLC	3,180,910	BBHS A/S	3,181,431	BIETZER, GABRIEL JOHN	3,189,415
BAKER, ANDREW	3,189,635	BEAN, CHARLES ALFRED	3,181,237	BILLING, JOHAN FREDRIK	3,181,721
BAKER, DAVID	3,181,996	BEASON, WAYNE	3,181,121	BILLOD, MATHIEU	3,181,295
BAKER, LOGAN A.	3,189,217	BECKER, AMY	3,181,121	BINDER, JOSEPH JOHN	3,189,291
BAKKER, ERICA	3,189,202	BECKER, ERNST	3,179,423	BINDER, WILLIAM J.	3,181,130
		BECKER, ERNST	3,181,471	BINNS, RICHARD	3,189,132
		BECKER, ERNST	3,181,662	BIOBETTER LTD.	3,189,570
				BIODYNAMIC RESEARCH FOUNDATION	3,189,814
				BIOLOJIC DESIGN LTD.	3,182,383
				BIONTECH SE	3,181,193

Index des demandes PCT entrant en phase nationale

BIOPLX, INC.	3,181,274	BOUTHEMY, JEAN-LUC	3,189,596	BUNEA, GABRIELA	3,180,900
BIRO, DANIEL	3,181,047	BOWEN, JOHN	3,181,996	BUNGEE LLC	3,181,137
BISHOP, ANDREW JOHN	3,180,913	BOWENS, JAMES	3,181,724	BUREAU, MARTIN	3,181,857
BISMAN, CHRISTOPHER WARREN	3,189,563	BOXUM, CORNELIS	3,180,918	BURGSTALLER, CHRISTOPH	3,189,723
BISMAN, CHRISTOPHER WARREN	3,189,563	BOYKEN, SCOTT	3,181,996	BURKE, THOMAS	3,189,777
BISSARO, BASTIEN	3,189,633	BRADDOCK, DEMETRIOS	3,181,572	BURKHART, JONATHAN	3,189,546
BITON, NEVET ZUR	3,182,323	BRAIN BIOTECH AG	3,189,525	BURMEISTER, JEFFREY	3,189,330
BIXBY INTERNATIONAL CORPORATION	3,182,383	BRAINSTORM CELL	3,189,818	BURNETT, RACHEL NADINE	3,181,733
BJORKLUND, ULF	3,181,312	THERAPEUTICS LTD	3,189,818	BURNS, ROY	3,189,599
BJORKLUND, ULF	3,181,629	BRANDSAFWAY SERVICES,	3,189,546	BURWELL, DAMON	
BJORKLUND, ULF	3,181,637	LLC	3,179,237	GREGORY	3,189,563
BJORNSSON, JON MAR	3,181,646	BRASKEM AMERICA, INC.	3,181,206	BURWELL, DAMON	
BLACK, DAVID ALLAN	3,181,306	BRASKEM S.A.	3,181,836	GREGORY	3,189,633
BLAINEY, PAUL	3,181,112	BRAVILOR BONAMAT BV	3,181,836	BUSHEY, JOHN	
BLAIR, JOHN	3,182,741	BRAVO RODRIGUEZ, DENISSE MARGARITA	3,189,624	DEVACHARIAM	3,189,533
BLAKE, TIMOTHY R.	3,181,657	BRAY-MINERS, JORDAN	3,181,038	BUSSIERES, FREDERIC	3,182,721
BLANCAFORT, PILAR	3,189,834	JAMES	3,189,729	BYTEDANCE INC.	3,181,101
BLANCHARD, DANIEL B.	3,189,545	BREAU, TAYLOR	3,180,244	CABECEIRAS, PETER	3,189,601
BLANK-SHIM, SILVIA	3,189,749	BRENNAN, JR. ROBERT A.	3,181,438	CACCIA, TERESA	3,189,753
BLASZYK, RAINER	3,183,558	BRENNER, DANIEL	3,181,090	CADETE PIRES, ANA	3,189,854
BLAUM, MARIO	3,181,150	BRENTON, JAMES	3,189,358	CAI, XIANG	3,181,660
BLENDS CREATIVE INC.	3,181,634	BRESSAN, ALESSIO	3,189,790	CAIRNS, PAUL	3,189,788
BLUE PENNY LLC	3,181,519	BRESSAN, MICHEL	3,189,790	CAJUS ABELE, BORS	3,189,352
BLUVSIITEIN YERMOLAEV, OLGA	3,189,727	BREUER, TODD	3,181,850	CALBRY-MUZYKA, ADELAIDE	
BLY, STEVEN T.	3,182,383	BREUERS, VERENA	3,183,558	CALUSIC, IVAN	3,179,546
BNSF RAILWAY COMPANY	3,189,121	BREWSTER, JAMES	3,189,045	CAMDEN, RICHARD S.	3,181,508
BOCOCK, RYAN M.	3,181,485	BRICHTA, LARS	3,189,833	CAMPBELL, ANNA WENDY	3,181,255
BODEGA, BEATRICE	3,181,065	BRIDGEMAN, JOHN	3,181,320	CAMPBELL, JEFFERY PAUL	3,181,241
BOEHRINGER INGELHEIM INTERNATIONAL GMBH	3,189,129	BRIDGEMAN, JOHN	3,189,671	CAMPISI, JUDITH	3,181,134
BOEING, ERIKA	3,189,194	BRIGNOLE, MICHELE	3,189,677	CAMPOS, ISRAEL	3,189,219
BOHLE, KENNY	3,189,821	BRITT, LINDSEY MICHELLE	3,180,945	CANADA MINING	
BOJARSKI, EMIL	3,181,401	BRITT, LINDSEY MICHELLE	3,189,857	INNOVATION COUNCIL	3,189,842
BOLLAG, BENJAMINA	3,189,786	BROST, EDWARD	3,181,320	CANADENSYS AEROSPACE	
BOLLIGER, KURT	3,181,811	BROWN, KEITH	3,180,965	CORPORATION	3,181,253
BOND BRAND LOYALTY INC.	3,189,815	BROWNE, CECILLE D.	3,189,692	CANCER RESEARCH	
BONDHUS, ANDY	3,189,791	BRUNNER, CYRILL	3,181,825	TECHNOLOGY LIMITED	3,181,090
BONGS, KAI	3,188,327	BRUNNER, CYRILL	3,181,831	CAO, KUN	3,189,392
BONSINK, STEFAN	3,181,068	BRUUN, HEIDI ZIEGLER	3,181,464	CAO, LONGXING	3,189,393
BOR, ZSOLT	3,181,668	BRYSON, MATTHEW	3,189,791	CAO, WEI	3,181,996
BOR, ZSOLT	3,181,720	BRYSON, NATHAN	3,181,092	CAO, YIZHENG	3,189,529
BORCHERS GMBH	3,181,883	BSOLVE LIMITED	3,181,968	CAPITAL ONE SERVICES, LLC	3,181,665
BORG, STEPHEN	3,180,922	BU, FANG	3,181,237	CAPITAL ONE SERVICES, LLC	3,181,309
BORISOV, MICHAEL ALEX	3,180,924	BUCH, JESSE STEPHEN	3,181,751	CAPORINI, MARC A.	3,189,782
BOS, ALOUISIUS NICOLAAS RENEE	3,181,719	BUCK INSTITUTE FOR	3,181,751	CAPRINI, GIANLUCA	3,189,226
BOSCH, CHRISTOPH	3,181,068	RESEARCH ON AGING	3,181,134	CAPUZZI, CLINTON	3,189,738
BOSCHEINEN, OLIVER	3,181,297	BUCKERIDGE, ERICA	3,181,134	CARBON VAULT LLC	3,181,068
BOSCHEINEN, OLIVER	3,184,544	MARGARET	3,189,350	CARBOVATE DEVELOPMENT	3,181,215
BOSTON SCIENTIFIC MEDICAL DEVICE LIMITED	3,184,546	BUCKINGHAM HOLDINGS, LLC	3,181,724	CORP.	
BOSTON SCIENTIFIC SCIMED, INC.	3,189,765	BUDD, RYAN	3,181,724	CARDEA BIO, INC	3,181,320
BOSTON SCIENTIFIC SCIMED, INC.	3,189,116	BUDINGER, MICHAEL J.	3,189,765	CAREW, CHRISTOPHER A.	3,182,081
BOSTROM, MICHEL	3,189,799	BUETOW, SCOTT WILLIAM	3,189,534	CARLSON, ROBERT DAVID	3,189,807
BOSWAY, ANDREW M.	3,181,487	BUGENSKI, KENNETH G.	3,181,720	DUDLEY	
BOUCHER, JOSHUA MICHAEL	3,189,641	BUHLAGE, SARA JEAN	3,181,290	CARNIOL, APRIL	3,189,472
BOURNE, GREGORY THOMAS	3,181,751	BULL, ANDREW JAMES	3,181,254	CAROMA INDUSTRIES	3,181,657
	3,189,432	BULL, BRENDAN	3,181,614	LIMITED	
		BULLIARD, YANNICK	3,180,879	CARRASCO, CESAR	3,181,133
		BULLOCK, DUSTIN	3,189,113	CARRERA, MARC BIARNES	3,181,910
		BULLOCK, MARK A.	3,189,791	CARRIER, SCOTT	3,189,585
		BULZACKI, ADRIAN	3,181,099	CARTER, LAUREN	3,180,879
		BUNDESDRUCKEREI GMBH	3,189,080	CASALE S.A.	3,181,996
		BUNDESDRUCKEREI GMBH	3,181,293	CASALE SA	3,181,319
		BUNDESDRUCKEREI GMBH	3,181,297	CASCADE CORPORATION	3,181,316
					3,189,117

Index of PCT Applications Entering the National Phase

CASCIANO, JOE	3,180,965	CHAVES, JASON REIS	3,181,720	CHOI, SHIN HEI	3,189,462
CASCIO, ANTHONY	3,180,897	CHAVES, MARY	3,189,226	CHORY, EMMA J.	3,181,824
CASCIO, ANTHONY	3,181,121	CHECKETTS, DANIEL ADAM	3,181,694	CHOU, CHIENHUNG	3,181,690
CASCIO, ANTHONY	3,181,987	CHEMBEAU LLC	3,189,438	CHUANG, SHIH-HSIEN	3,181,192
CASE WESTERN RESERVE UNIVERSITY	3,181,222	CHEMCOM S.A.	3,181,732	CHUGAI SEIYAKU	
CASE WESTERN RESERVE UNIVERSITY	3,189,361	CHEMETALL GMBH	3,181,037	KABUSHIKI-KAISHA	3,180,951
CASE, JAMES BRETT	3,181,996	CHEMETALL GMBH	3,181,697	CHUI, STEPHEN	3,181,820
CASEY, CRAIG ALAN	3,181,235	CHEMISCHE FABRIK BUDENHEIM KG	3,181,729	CHUNG, EU DDEUM	3,189,030
CASEY, CRAIG ALAN	3,181,269	CHEMISTRY RX	3,189,352	CHUNG, SHAN-HUA	3,189,520
CASGAR, AMANDA SUSANNE	3,189,350	CHEN, AYELET	3,182,383	CHURCH & DWIGHT CO., INC.	3,181,089
CASLAVSKY, KAREL	3,189,468	CHEN, BOB	3,181,785	CIFARELLI, JOHN	3,181,486
CASTANARES, MARK A.	3,181,731	CHEN, BOB	3,181,797	CIPO	3,181,146
CASTRONUOVO, DIEGO	3,181,874	CHEN, CHENG-WEI AARON	3,189,533	CIPO	3,181,221
CATALENT U.K. SWINDON ZYDIS LIMITED	3,189,404	CHEN, CHIUNG-TONG	3,181,686	CIPO	3,181,249
CATERPILLAR INC.	3,181,876	CHEN, DIANCHENG	3,181,660	CIPO	3,181,430
CAVALIE, GUILLAUME	3,189,745	CHEN, FANGBO	3,181,159	CIPO	3,181,686
CAYABYAB, RONALDO C.	3,189,224	CHEN, GONG	3,181,118	CIPO	3,181,861
CAZAN, VLAD	3,189,080	CHEN, HUA	3,189,793	CIPOLLA, DAVID	3,181,909
CB THERAPEUTICS, INC.	3,181,733	CHEN, LEI	3,189,410	CJ CHEILJEDANG	3,181,285
CEBEKI, EMRE	3,181,317	CHEN, LIN	3,189,392	CORPORATION	3,172,087
CEDRONE, GERADO	3,181,233	CHEN, MIAOMIAO	3,189,393	CLAESSEN, SEAN	3,189,815
CELAGENEX RESEARCH (INDIA) PVT. LTD.	3,180,941	CHEN, MINHUA	3,181,660	CLARK, DANIEL LAWRENCE	3,180,914
CENTRE HOSPITALIER REGIONAL UNIVERSITAIRE DE NANCY	3,181,469	CHEN, QIANG	3,189,037	CLARKE, DONOVAN STUART	3,181,876
CENTRE LEON BERARD	3,181,071	CHEN, RAYMOND RUZHONG	3,189,293	CLARKE, JOHN-PAUL	3,189,444
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.)	3,181,667	CHEN, SHUHUI	3,189,561	CLAUDE, JOHN PATRICK	3,189,795
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)	3,181,469	CHEN, SHUHUI	3,181,120	CLAUSSNER, MARK	3,189,727
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	3,181,071	CHEN, XIAN	3,189,458	CLAY, JULIA MARIE	3,181,731
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.)	3,182,323	CHEN, XIANGYANG	3,189,527	CLELAND, JEFFREY L.	3,189,682
CENTRO DE INMUNOLOGIA MOLECULAR	3,189,461	CHEN, XIAOXIAO	3,189,041	CLEMENCE, ADRIEN	3,189,354
CERECEDA PEREZ, JUAN ANDRES	3,181,564	CHEN, YENSHOU JAMES	3,181,660	CLEMENTE, PETER	3,180,900
CERF, MARTINE	3,189,281	CHEN, YI	3,181,085	CLEMENSEN,	
CERNY, SHANNON ELLA	3,181,452	CHERIF, ALHAJI	3,181,258	CHRISTOFFER	3,181,300
CERTUS MOLECULAR DIAGNOSTICS AG	3,181,841	CHEUNG, DEXTER CHI LUN	3,189,346	CLERICI, MARCELLO	3,189,740
CERTUS MOLECULAR DIAGNOSTICS AG	3,181,856	CHEVRON JAPAN LTD.	3,173,712	CLIMEWORKS AG	3,179,546
CHA, EDWARD NAMSERK	3,181,672	CHEVRON ORONITE COMPANY LLC	3,189,294	CLOUGH, NORMAN E.	3,181,695
CHALASANI, SREEKANTH	3,189,595	CHEVRON ORONITE COMPANY LLC	3,189,295	COCHET, CLAUDE	3,181,071
CHAN, DANNY	3,181,818	CHEVRON PHILLIPS	3,189,294	COFFEY, MARTIN	3,189,381
CHAN, JEAN L.	3,181,084	CHEMICAL COMPANY LP	3,189,295	COHEN, RALUCA	3,181,821
CHANG, JIHOON	3,189,030	CHI, ELLEN	3,189,295	COLD SPRING HARBOR LABORATORY, AN EDUCATION	
CHAO, BEN	3,181,659	CHI, ELLEN	3,189,296	CORPORATION OF THE STATE OF NEW YORK	3,181,878
CHAO, MARK PING	3,181,827	CHEVRON PHILLIPS	3,189,299	COLE, ANDREW G.	3,181,580
CHAPMAN, PAUL STUART	3,181,122	CHILDREN'S HOSPITAL	3,189,123	COLE, ANDREW G.	3,181,590
CHARAMZOVA, IVA	3,181,719	MEDICAL CENTER	3,189,293	COLE, MARCUS D.	3,189,411
CHARLIER, ANNE	3,181,084	CHIOCLEA, SHMUEL	3,189,562	COLLARINI, ELLEN	3,189,730
CHATURVEDI, ASHOK	3,181,250	CHIU, HOWARD KUO-HAO	3,181,564	COLLERAN, JAMES P.	3,181,859
		CHO, HYUN YONG	3,189,657	COLLETTO, CHIARA	3,187,393
		CHO, WOO-YEON	3,181,484	COLLETTO, CHIARA	3,187,514
		CHOEN, ZADA EFRAT	3,181,712	COLLIN, JUSSI	3,189,127
			3,189,689	COLLINS, JAMES J.	3,181,824
			3,189,689	COLPITT, CHARLES	3,189,554
			3,181,564	COM'IN	3,189,759
			3,189,657	COMA, SILVIA	3,189,383
			3,181,484	COMFORTI, EYAL	3,181,152
			3,173,712	COMMISARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES	
			3,189,462	ALTERNATIVES	3,181,071
			3,181,718		
			3,182,383		

Index des demandes PCT entrant en phase nationale

COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	3,181,270	CUMELLA, MATTHEW T. CUMMINGS, STEPHEN JOHN CUNNINGHAM, CLAIRE A.	3,189,530 3,181,133 3,180,927	DE SOUSA GOUVEIA PEREIRA RICARTE, JOAO CARLOS	3,189,574
COMPET, FABRIZIO	3,189,801	CURTIS, CHIP W.	3,181,099	DEAN, SIMON	3,189,416
CONGDON, DANIEL	3,189,799	CUTLER, JR. GORDON B.	3,181,084	DEEB, NADER	3,189,334
CONN, P. JEFFREY	3,189,217	CYTOSITE BIOPHARMA INC.	3,181,731	DEGEL, ROLF	3,189,365
CONOCOPHILLIPS COMPANY	3,180,724	CYXONE AB	3,181,629	DEHARO, JEAN-CLAUDE	3,180,948
CONOCOPHILLIPS COMPANY	3,181,085	CYXONE AB	3,181,637	DEIS, PAUL	3,181,429
CONOCOPHILLIPS COMPANY	3,189,554	CYXONE AB	3,181,646	DEJONGE, STUART W.	3,181,102
CONSORCIO CENTRO DE INVESTIGACION BIOMEDICA EN RED	3,181,024	CZERWINSKI, DEBRA D'ANDREA, ANTHONY P.	3,189,834 3,189,472	DEL BEN, FABIO DEL RIO, CARLOS L.	3,189,058 3,180,943
CONVEYOR LIMITED	3,189,399	D'AQUINO, GIANLUCA D'AQUINO, MARIO	3,181,479 3,181,479	DELHOMME-NEUDECKER, CLARA	3,189,369
COPELAND, CAMERON GENTRY	3,189,608	D'MELLO, YANNICK DA SILVA, CARLOS	3,181,091	DELIBERATO, RODRIGO OCTAVIO	3,181,163
COPPOLA, GIOVANNI	3,189,755	DAHmen, KEITH DAI, XIAOGUO	3,189,362 3,189,066	DELMAR, MARCOS DELTA T, LLC	3,181,073 3,181,251
CORAT THERAPEUTICS GMBH	3,181,108	DAIICHI SANKYO COMPANY, LIMITED	3,189,737	DEMATIC GMBH	3,189,397
CORBAU, ROMUALD	3,189,801	DALAN, ALTAY BURAK	3,189,348	DEMATIC GMBH	3,189,398
CORDES, VOLKER	3,189,739	DALLEMAGNE, BERNARD	3,181,317	DEMISIITEIN, ALIK	3,182,383
CORE, LEE	3,181,562	DALTON, DANIEL	3,181,667	DENG, MIN	3,181,013
COREMAP, INC.	3,189,800	DAMAE MEDICAL	3,181,251	DENNEY, JERRY W.	3,181,863
CORNEBISE, MARK	3,189,854	DANA-FARBER CANCER INSTITUTE, INC.	3,189,741	DENNIS, RYAN WAYNE	3,180,914
CORONEL, MARIA M.	3,189,070	DANA-FARBER CANCER INSTITUTE, INC.	3,181,254	DENSO CORPORATION	3,189,810
CORSON, DON	3,180,944	DANIELPUR, LIRON	3,189,732	DEPHY, INC.	3,181,272
COSTA, CHRISTINA MARIE	3,181,084	DANIELSSON, MAGNUS	3,180,925	DEPUY SYNTHES PRODUCTS, INC.	3,189,564
COSTA, CHRISTINA MARIE	3,181,126	DANMARKS TEKNISKE	3,189,345	DERIVE, MARC	3,181,469
COSTE, VASSILY	3,181,832	DAngoR, MICHAEL	3,182,383	DESCHENES, STEPHANE	3,181,280
COUFAL, MYRA	3,189,636	DANIAL, PICHOY	3,181,669	DESELAERS, THOMAS	3,181,228
COUPET, CHARLES ANTOINE	3,189,238	DANIELPUR, LIRON	3,181,669	DESHMUKH, KRUPA	3,189,603
COURTEMANCHE, ALAIN	3,173,965	DANIELSSON, MAGNUS	3,189,732	DESROCHES, DONALD	
COURTNEY, SCOTT CAMERON	3,180,923	DANMARKS TEKNISKE	3,189,632	EDWARD	3,189,641
COUSE, STEPHEN JAMES	3,180,914	DAUTZENBERG, GEERTJE	3,189,632	DETTRY, BENOIT	3,189,354
COUSIN, J. MARK	3,189,444	DAVIDSON, RYAN PAUL	3,189,603	DEUTSCH, OMER	3,181,821
COVENTRY, BRIAN	3,181,996	DAVIES, GARETH RICHARD	3,180,947	DEVELOPMENT CENTER FOR BIOTECHNOLOGY	3,181,192
COWAN, CHARLES MICHAEL	3,189,334	DAVIES, RICHARD HARRY	3,189,043	DEVIC EARTH PRIVATE LIMITED	3,181,245
COWLES VENTURES, LLC	3,181,740	DASGUPTA, ANINDYA	3,181,311	DEVILLEZ, SEBASTIEN	3,181,621
COX, JASON M.	3,181,162	DASGUPTA, NANDINI	3,189,765	DEY, PINAKI CHANDRA	3,181,663
CPI CARD GROUP - COLORADO, INC.	3,181,859	DASH ANESTHESIA	3,189,399	DEYOUNG, BRODY JOHN	3,181,824
CRAFTS, JORDAN H.	3,180,970	DAUTZENBERG, GEERTJE	3,189,399	DHAWAN, ASHISH	3,181,070
CRAIG, KEVIN JAMES	3,181,694	DAVIES, GUY BENJAMIN RICHARD	3,181,110	DHAWAN, ASHISH	3,181,256
CRAMER, JOHN	3,189,422	DAVILA OLIVAS, NELSON	3,181,463	DHAWAN, ASHISH	3,181,263
CRANE, DANIEL PHILLIP	3,189,132	DAVINES S.P.A.	3,189,753	DIAL, OLIVER	3,181,657
CRAZE, LEON HARLEY	3,189,563	DAVIS, RICHARD C.	3,181,281	DIAMOND, MICHAEL	3,181,996
CRAZE, LEON HARLEY	3,189,633	DAWE, R. KELLY	3,181,878	DIAS, LIYANAGAMAGE R.	3,189,726
CRESPIN, ELIOT	3,181,829	DE BEER, JOEL	3,189,740	DIAS, LIYANAGAMAGE R.	3,189,728
CRICHTON, ROBERT	3,181,968	DE BOECK, BENOIT CHRISTIAN ALBERT	3,180,903	DIASABEYGUNAWARDENA, KENT	3,189,733
CRISTACHE, LUCIAN	3,181,080	GHISLAIN	3,189,753	DIC CORPORATION	3,182,622
CRITCHLEY, DAVID JOHN	3,181,694	DE CARNE, BEATRICE	3,181,847	DICK, RYAN	3,189,523
CRODA INTERNATIONAL PLC	3,189,362	DE HAAN, AP	3,181,847	DICKMANNS, ANTJE	3,189,739
CROMBET RAMOS, TANIA	3,189,461	DE LAAT, WILHELMUS	3,181,847	DIEHN, SCOTT	3,189,603
CROSBY, PETER	3,181,486	THEODORUS ANTONIUS MARIA	3,181,847	DIETRICH, GERALD	3,181,662
CROWN EQUIPMENT CORPORATION	3,181,499	DE MATOS PEREIRA VIEIRA, IVO YVES	3,189,574	DIGIOVANNI, SIMONE	3,181,985
CROWN EQUIPMENT CORPORATION	3,181,503	DE NOOIJER, ALINE	3,181,469	DIKOVSKY, DANIEL	3,181,151
CRYSTAL BIOSCIENCE INC.	3,189,730	DE PUIG GUIXE, HELENA	3,181,824	DIKOVSKY, DANIEL	3,181,152
CRYSTAL PHARMACEUTICAL (SUZHOU) CO., LTD.	3,189,037	DE SA, JOSE	3,181,519	DIMITRIADES, ALEXANDRE	3,181,295
CTXT PTY LTD	3,189,410	DE SILVA, ERANDI	3,189,657	DING, CHARLES Z.	3,189,458
CULLEN, JOHN EDWARD	3,181,968	KANCHANA	3,189,657	DING, JIANCE	3,189,232

Index of PCT Applications Entering the National Phase

DING, XIAOMIN	3,139,962	DUYNIE HOLDING B.V.	3,181,772	ESSILOR INTERNATIONAL	3,180,936
DIPPEL, CHRISTIAN	3,189,352	DYNO NOBEL ASIA PACIFIC PTY LIMITED	3,189,754	ESSITY HYGIENE AND HEALTH AKTIEBOLAG	3,181,289
DISMUKE, DAVID	3,189,657	E. I. DU PONT DE NEMOURS AND COMPANY	3,189,779	ESSLINGER, CHRISTOPH	3,181,750
DISSELKOEN, MICHAEL BENJAMIN	3,181,887	EASY HEALTHCARE CORPORATION	3,181,257	ETH ZURICH	3,181,825
DITTRICH, SHANE CHRISTOPHER	3,189,472	EAVOR TECHNOLOGIES INC.	3,189,788	ETH ZURICH	3,181,831
DITTRICH, WERNER	3,184,544	EBERT, MARK	3,181,133	ETHRIDGE, KIRBY	3,181,437
DITTRICH, WERNER	3,184,546	ECHOFF, JACOB ZINN	3,181,720	EVANS, ELIZABETH E.	3,181,833
DITULLIO, DANIEL DALE JR.	3,181,221	ECOLAB USA INC.	3,181,070	EVANS, ERIC	3,181,251
DOBBELSTEIN, MATTHIAS	3,189,739	ECOLAB USA INC.	3,181,256	EVANS, PARKER	3,181,083
DODSON, JAMES B.	3,181,215	ECOLAB USA INC.	3,181,263	EVE ENERGY CO., LTD.	3,181,237
DOGUE, JOSEPH	3,189,426	Ecole Centrale de Marseille		EVE HYPERPOWER BATTERIES INC.	3,181,237
DOLAN, DAVID J.	3,181,083	ECOLE NORMALE SUPERIEURE DE LYON	3,182,323	EVEN, LUC	3,189,373
DOLD, LUKAS	3,181,047	EDELBERG, JAY M.		EVEN, LUC	3,189,385
DOLLY, JERRY	3,189,546	EDMAN, NATASHA	3,181,071	EVERS, ANDREAS	3,184,544
DONEY, GEORGE	3,181,478	EDSINGER, ERIC WARREN	3,180,943	EVERS, ANDREAS	3,184,546
DONG, FANGXU	3,181,065	EDWARDS LIFESCIENCES CORPORATION	3,181,996	EVERS, RYAN	3,189,799
DONNELLY, BRIAN C.	3,181,452	EDWARDS LIFESCIENCES CORPORATION	3,189,595	EVERSON, DANIEL A.	3,181,712
DONOVAN, MARISSA, R.	3,189,640	EIDING, MARK	3,189,224	EVLACHEV, ALEXEI	3,189,238
DOOLEY, KENNETH A.	3,189,123	EICHHORN, SABINE	3,189,425	EVOLUSUN INC.	3,189,678
DORON, NETA	3,181,484	EIDING, MARK	3,189,731	EVONIK OPERATIONS GMBH	3,183,558
DORSCH, MICHAEL GERARD	3,189,212	EIPPERT, GREGORY A.	3,189,064	EVONIK OPERATIONS GMBH	3,183,868
DORSEY, BRUCE D.	3,181,580	EISENTRAUT, MICHAEL DALE	3,189,293	EXLEY, JASON SHAWN LEE	3,180,913
DORSEY, BRUCE D.	3,181,590	EJOT SE & CO. KG	3,189,562	EXPOSITO RODRIGUEZ, EDUARDO	3,181,564
DOWNEY, ADAM D.	3,181,229	EKERDT, BARBARA	3,189,747	EXPRO NORTH SEA LIMITED	3,181,155
DOWNING, KRISTIE M.	3,181,084	EL BOUNKARI, OMAR	3,181,079	EZHKOV, ALEKSEJ	
DOYLE, LIAM	3,181,474	ELDOLAB HOLDING B.V.	3,181,238	ALEKSEEVICH	3,181,021
DOYLE, MAXIME	3,181,832	ELECTRO CARBONE INC.	3,181,724	F. HOFFMANN-LA ROCHE AG	3,181,264
DR. JADHAV, VISHAL ANANT	3,189,802	ELJACK, MAHMOUD	3,189,291	F. HOFFMANN-LA ROCHE AG	3,181,310
DREAME INNOVATION TECHNOLOGY (SUZHOU) CO., LTD.	3,181,705	ELLIS, LEAH D.	3,181,062	F. HOFFMANN-LA ROCHE AG	3,181,672
DREWS, MATHIAS	3,181,047	EMAD, ISAAC S.	3,189,448	F. HOFFMANN-LA ROCHE AG	3,181,820
DRIFKA, BRIAN NORBERT	3,189,415	EMAWODIA, JOY	3,181,741	F. HOFFMANN-LA ROCHE AG	3,189,520
DRINKWATER, WILLIAM	3,189,791	ENDERL, JAN	3,181,886	FABRI, CARLOS EDUARDO	3,189,543
DRMANAC, RADOJE	3,189,769	ENGERS, DARREN W.	3,186,013	FACC AG	3,189,036
DRMANAC, SNEZANA	3,189,769	ENPHASE ENERGY, INC.	3,189,798	FACC AG	3,189,586
DROPBOX, INC.	3,181,294	EPIRUS, INC.	3,181,741	FAETH THERAPEUTICS, INC.	3,181,158
DU, XINYAO	3,189,338	EPPERT, AARON	3,181,886	FAETH THERAPEUTICS, INC.	3,181,161
DU, YONG	3,181,660	EPS.SYSTEMS SRL	3,181,809	FALCON BIOSCIENCE, LLC	3,179,456
DUARTE, GUSTAVO	3,180,920	EQUELS, THOMAS K.	3,189,856	FALK, NANCY A.	3,189,448
DUBBELD, MAARTEN	3,180,918	ERAN, YONATAN	3,189,857	FAN, HAO	3,181,159
DUBEL, STEFAN	3,181,108	ERICKSON, CRAIG	3,189,689	FAN, XIAOHU	3,189,531
DUBOIS, CLARISSE	3,189,238	ERK, CHRISTOPH	3,189,798	FAN, XIAOHU	3,189,548
DUCKERS, HENRICUS J.	3,179,456	ERNSTER, LOGAN	3,181,811	FAN, YI	3,181,580
DUERR, HARALD	3,189,520	ERNSTHAUSEN, RANDY	3,181,827	FAN, YI	3,181,590
DUFFY, CIARA	3,189,545	ESPLIN, ROGER C.	3,181,146	FANG, JIANMIN	3,181,301
DUGAN, BENJAMIN J.	3,181,580	ESPOSITO CASSIBBA, IVANA	3,181,163	FANG, XU	3,184,403
DUGAN, BENJAMIN J.	3,181,590	DANIELA	3,189,217	FARAM, RUTH	3,189,548
DUKE UNIVERSITY	3,189,614		3,180,902	FARBER, ROBERT H.	3,181,845
DUMONTET, LUDIVINE	3,181,270		3,181,720	FAROOQ, UMAR	3,181,845
DUNAEVSKY, ALEXANDER	3,181,710		3,181,309	FASSBENDER, BIRGIT	3,189,352
DUNCAN, ROBIN ELAINE	3,189,802		3,181,479	FASTMAN, YAIR KLEINMAN	3,182,383
DUNFORD, WILLIAM GEORGE	3,180,912		3,181,502	FAUTEUX, DENIS GASTON	3,189,625
DUNN, JOHN WARREN	3,189,122		3,189,570	FAWCETT, LYMAN	3,189,729
DUNN, TIMOTHY C.	3,180,927		3,189,657	FEIDNER, SEBASTIAN	3,189,352
DUPRAY VENTURES INC.	3,189,745		3,181,076	FELDMAN, BENJAMIN J.	3,181,614
DURRANT, LINDA GILLIAN	3,189,358		3,189,116	FELDMAN, BENJAMIN J.	3,181,804
DURVASULA, BHANU	3,181,111		3,180,917	FELT, PAUL LEWIS	3,180,879
DUTCH VENTUS IP B.V.	3,181,035		3,189,450	FENG, NINGSHEN	3,181,313
DUTTA, SANTANU	3,189,428		3,189,341	FENTON, WAYNE J.	3,189,638
DUVAL, JEAN-FRANCOIS	3,181,272			FERBER, ANDREW	3,189,195

Index des demandes PCT entrant en phase nationale

FERGUSON, WILLIAM DONALD	3,189,091	FOSDICK, RICHARD FOSSATI, GIANLUCA	3,189,420 3,189,738	GAGLIANO, JULIEN GAGNON, MARC	3,183,444 3,181,312
FERMINI, BERNARD	3,189,196	FOSTER, ANTHONY W.	3,189,472	GAINEY, MELICIA R.	3,181,239
FERNANDES, MARIA FERNANDA DE ANDRADE	3,189,802	FOX, ARI L. FOX, CADE BRYLEE FOX, NIALL	3,181,065 3,181,804 3,181,675	GAINEY, MELICIA R. GALLAGHER, MICHELA GALLO, MICHELA	3,181,246 3,189,302 3,189,753
FERRARA KOLLER, CLAUDIA	3,189,520	FRANKLIN FUELING SYSTEMS, LLC	3,181,850	GALLUD MARTINEZ, FRANCISCO	3,181,564
FERRARI, NICOLA	3,181,715	FRANZEN, CODY EVAN	3,189,067	GAN, LU	3,181,120
FERREIRA DE FIGUEIREDO, CONSTANCA	3,181,150	FRANZEN, CODY EVAN	3,189,072	GAN, MING GAN, MING	3,189,571 3,189,787
FERREIRA, MANUEL ALLEN REVEZ	3,189,755	FRAUNHOFER- GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN	3,181,047	GANDOLLA, ALBERTO GANGULY, SAMIT GANJU, JITENDRA	3,189,790 3,181,026 3,180,943
FESEL, HARRISON	3,189,782	FORSCHUNG E.V.		GARAUD, JEAN-JACQUES	3,181,469
FEUZ, SANDRO	3,181,228	FRAUNHOFER- GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN		GARBACCIO, MIA GARBACCIO, MIA G.	3,189,221 3,189,346
FEVE, JEAN-PHILIPPE	3,181,706	FREDERICK, BRIAN TROY	3,189,372	GARbett, MAX	3,181,614
FIBERLEAN TECHNOLOGIES LIMITED	3,189,808	FREELINE THERAPEUTICS	3,189,432	GARCES, FERNANDO	3,189,336
FIBERLEAN TECHNOLOGIES LIMITED	3,189,813	FRESENIUS MEDICAL CARE HOLDINGS, INC.	3,189,801	GARCIA GARCIA, VICENTE	3,181,564
FILHOL-COCHE, ODILE	3,181,071	FRESENIUS MEDICAL CARE HOLDINGS, INC.	3,189,732	GARCIA MARTINEZ, DAVID	3,189,352
FINCK, AARON	3,181,657	FRENZEL, ANDRE	3,181,108	GARCIA RAMOS, ALVARO	3,181,564
FINGERLE-ROWSON, GUNTER	3,181,827	FRESENius MEDICAL CARE HOLDINGS, INC.	3,189,219	GARCIA SALADO, IRENE	3,181,564
FINNOUCHE, FAYCAL	3,181,226	FREEMAN, GORDON J.	3,189,221	GARCIA, ANDRES J.	3,189,070
FINOMORE, VICTOR	3,180,257	FREUDENBERG, JOHN W.	3,189,346	GARCIA-RODENAS, CLARALUCIA	3,181,624
FIROOZABADI, ABBAS	3,181,081	FREY MILLER, OTLEY D.	3,181,311	GARG, VIDUR	3,181,255
FISCHMAN, SHARON	3,182,383	FRICK, MATTHEW STEPHEN	3,181,736	GARIMELLA, KIRAN V	3,182,741
FISHER & PAYKEL HEALTHCARE LIMITED	3,173,712	FRIDA GROUP APS	3,181,810	GATAK AI INC.	3,180,994
FLECK, CHRISTOPHER	3,189,661	FRIMAN, ANDRE	3,189,742	GATENYO, JULIA	3,189,338
FLECKENSTEIN, CHRISTOPH	3,189,747	FRISCH, BENOIT	3,181,911	GATHERCOLE, ROBERT JOHN	3,189,350
FLEISCHHAKER, FRIEDERIKE	3,189,747	FRITZ, JOHN	3,189,385	GATIK AI INC.	3,180,999
FLETCHER, CURTIS R.	3,189,472	FRITZSCHE, MICHAEL	3,189,791	GATTI, BENJAMIN	3,181,067
FLOW MOTION TECHNOLOGY AB	3,181,723	FROLUND, BENTE	3,181,133	GAWDIAK-SMYTH, TAIGH	3,181,115
FLUENT BIOSCIENCES INC.	3,189,597	FLENSBORG	3,181,300	GBUR, JANET L.	3,181,519
FNCT BIOTECH, INC.	3,189,430	FRUHLING, DAVID SCOTT	3,189,410	GE, FEIJIAO	3,189,361
FOGLER, WILLIAM E.	3,181,278	FRYSALI, MELANI A.	3,189,806	GE, PEI	3,181,672
FOLEY, SEAN	3,181,233	FUCHS, HENDRIK	3,182,783	GEA FARM TECHNOLOGIES CANADA INC.	3,180,981
FOLLETTIE, MAXIMILLIAN TODD	3,189,410	FUCHS, THOMAS	3,181,124	GEBALD, CHRISTOPH	3,173,965
FOLTZ, IAN NEVIN	3,189,113	FUCHTER, MATTHEW	3,181,909	GEDDERT, NICHOLAS	3,179,546
FONDATION DE COOPERATION SCIENTIFIQUE	3,181,667	FUERST, ANGELIKA	3,181,310	GEIPEL, ANDREAS	3,189,064
FONTANEZ, KRISTINA	3,189,597	FUHNER, VIOLA	3,181,108	GENELMAN, SAHAR	3,181,725
FORCE ALDRED, SHELLEY	3,189,297	FUJI OIL HOLDINGS INC.	3,180,963	GELLYCLE CO., LTD.	3,181,737
FORCKOSH, HAGIT	3,181,785	FUJIMOTO, SHIORI	3,189,526	GENCELLMED INC.	3,189,744
FORCKOSH, HAGIT	3,181,797	FUJISHITA, SHIGETO	3,181,905	GENENTECH, INC.	3,181,143
FORG, CHRISTIAN	3,189,360	FUKUCHI, MINAKO	3,180,892	GENENTECH, INC.	3,181,153
FORG, CHRISTIAN	3,189,363	FUKUCHI, MINAKO	3,181,574	GENERAL HOSPITAL CORPORATION	3,181,672
FORG, CHRISTIAN	3,189,734	FUKUCHI, MINAKO	3,181,582	GENFIT	3,181,820
FORG, CHRISTIAN	3,189,735	FUKUCHI, MINAKO	3,181,717	GENG, DAN	3,189,520
FORG, CHRISTIAN	3,189,763	FUKUCHI, MINAKO	3,180,132	GENTILE, ANTHONY	3,181,861
FORG, CHRISTIAN	3,189,764	FUKUCHI, MINAKO	3,181,024	GENTILE, JOHN	3,181,689
FORG, CHRISTIAN	3,189,766	FUKUMOTO YUTAKA	3,189,466	GENTISCHER, HARALD	3,189,625
FORGE BIOLOGICS, INC.	3,189,657	FUNDACION PARA LA INVESTIGACION MEDICA APLICADA	3,189,352	GEORGE, KEVIN	3,181,195
FORLEO NETO, EDUARDO	3,181,026	FURI, MARC	3,181,822	GEORGIA TECH RESEARCH	3,181,195
FORMWAY FURNITURE LIMITED	3,189,563	FUTTERER, THOMAS	3,180,132	CORPORATION	3,181,047
FORMWAY FURNITURE LIMITED	3,189,633	GABRIELSEN, JOSTEIN	3,189,725	GERARDI, ANTHONY	3,189,070
FORSHEW, TIM	3,189,557	GADHIYA, SATISHKUMAR	3,180,900	RICHARD	3,181,912
FORUM US, INC.	3,181,075	GAF ENERGY LLC		GERBER TECHNOLOGY LLC	3,181,771

Index of PCT Applications Entering the National Phase

GERBETZ, ROBERT P.	3,189,420	GOOGLE LLC	3,181,700	HABERZETTL, PETER	3,181,047
GERLACHER, HARALD	3,189,746	GORDON, SIAN ELIZABETH	3,189,350	HABJAN, MATTHIAS	3,181,431
GERMAN, BRIAN	3,189,444	GORE, JEFF	3,189,754	HACOHEN, NIR	3,182,741
GERON CORPORATION	3,181,682	GOREKE, UTKU	3,181,222	HADDEMAN, MARTIJN	3,181,879
GERONDALE, SCOTT J.	3,189,330	GORESHNIK, INNA	3,181,996	HADDEMAN, MARTIJN	3,181,889
GERSHOVICH, PAVEL MIKHAILOVICH	3,181,288	GORLICH, DIRK	3,189,739	HAENSLER, JEAN	3,189,373
GEYER, CHRISTOPHER	3,189,559	GOTTFRIED, TOMAS	3,189,412	HAENSLER, JEAN	3,189,385
GEYER, CHRISTOPHER	3,189,565	GOU, LIANGKE	3,189,850	HAFIDI, MOHAMED	3,189,825
GEYER, CHRISTOPHER	3,189,612	GOUDENE SPADA, JORGE LUIS	3,181,206	HAGBERG, DANIEL	3,181,289
GEYER, CHRISTOPHER	3,189,615	GOUGH, GEORGE TERAH	3,181,708	HAGGARTY, STEPHEN J.	3,181,861
GHAFFARI, OMIDREZA	3,186,662	GRAEF, MICHAEL A.	3,181,450	HAHN-LOBMANN, SIMONE	3,189,366
GIBBERT, CHARLENE N.	3,181,073	GRAHAM, BRIAN	3,189,754	HAKIM, MOHAMAD IMTIAZ	3,189,221
GIBOT, SEBASTIEN	3,181,469	GRANEN PORRUA, MANUEL JOSE	3,189,193	HALDER, BIBHRAJIT	3,189,467
GIEDLIN, MARTIN	3,181,117	GRAY, BRENT	3,189,745	HALKEY-ROBERTS CORPORATION	3,189,729
GIGNAC, NATHAN E.	3,181,722	GRAY, NATHANAEL S.	3,181,254	HALL, RACHAEL JESSICA	3,189,563
GILEAD SCIENCES, INC.	3,181,690	GREEN, CHRISTOPHER M.	3,181,065	HALL, RACHAEL JESSICA	3,189,633
GILEAD SCIENCES, INC.	3,181,827	GREEN, THOMAS G.	3,180,917	HALLOCK, DAVID	3,189,523
GILMORE, COLIN GERALD	3,189,064	GREENIRON H2 AB	3,181,684	HAMDAN, MOHAMED	
GIRI, NAGDEEP	3,181,084	GREENSPAN, ADAM J.	3,181,098	HUSSEIN	3,180,948
GIRITCH, ANATOLI	3,189,366	GREGG DRILLING, LLC	3,189,620	HAMILTON, DANIEL	3,189,733
GISBERTS, LOUIS	3,181,463	GREGG, JOHN	3,189,620	HAMILTON, JENNIFER	3,181,026
GIUFFRE, JASON T.	3,189,472	GREGOR, KATHRIN	3,189,739	HAMILTON, MARK	3,181,442
GLANBIA NUTRITIONALS LTD.	3,189,355	GREGORIOU, DANIEL J.	3,189,415	HAMILTON, MARK	3,181,457
GLEBA, YURI	3,189,366	GREGRO, ALISON R.	3,189,217	HAN, LU	3,181,118
GLENN, ROBERT WAYNE, JR.	3,189,776	GRENIER, FRANCIS	3,186,662	HANAN, JAY CLARKE	3,181,287
GLIGOR, TRAIAN	3,189,398	GREUEL, MICHAEL P.	3,181,834	HANBIDGE, ALICE	3,181,474
GLIGOR, TRAIAN	3,189,421	GRIBBIN, DAVID ANDREW JR.	3,181,826	HANER, MARILYN	3,189,079
GLINER, LORIS	3,189,444	GRIFFITHS, MARK STEPHEN	3,181,810	HANGZHOU DAC BIOTECH CO., LTD	3,181,660
GLOSSOP, STEVEN CHRISTOPHER	3,187,393	GRILLI, ESTER	3,189,566	HANGZHOU SCIWIND	
GLYCOMIMETICS, INC.	3,181,278	GROBE, NADJA	3,189,346	BIOSCIENCES CO., LTD	3,181,120
GM GLOBAL TECHNOLOGY OPERATIONS LLC	3,181,290	GROOM, JEFFREY	3,181,562	HANKINSON, STEPHEN	
GNANASUNDRAM, BAHEERATHAN	3,181,138	GROSS, CHRISTINA	3,189,657	JAMES FREDERIC	3,189,591
GODFREY, MICHAEL JAMES	3,180,925	GROSSMAN, NOAM	3,182,383	HANNA, MATTHEW	3,181,124
GOENKA, ANAND KUMAR	3,181,298	GROUPE VARITRON INC.	3,186,662	HANSEN, ANDERS HELBO	3,181,275
GOENKA, ANAND KUMAR	3,181,303	GRUMBERG, MATHIEU	3,189,546	HANSEN, MARIE BENDIX	3,181,772
GOH, YOO-KYUNG	3,189,497	GUERBET	3,189,281	HAO, WEIWEI	3,189,527
GOI, PAOLO	3,189,753	GUERTIN, COURTNEY	3,181,562	HARA, HIDEAKI	3,189,206
GOJO INDUSTRIES, INC.	3,181,099	GUFFY, SHARON LEIGH	3,189,443	HARDWICK, KAYLA	3,189,202
GOLCHERT, URSLA	3,181,471	GUGGENBICHLER, J. PETER	3,189,742	HARDY, TIM	3,181,247
GOLCHERT, URSLA	3,181,662	GUIEU, REGIS	3,180,948	HARRIMAN, WILLIAM DON	3,189,730
GOLD, DANIEL P.	3,181,730	GUIMARAES SILVERIO, HENRIQUE	3,186,834	HARRIS, DONALD R.	3,181,099
GOLD, WENDY	3,181,833	GUINAN, TARYN	3,181,752	HARRIS, KATHERINE	3,189,297
GOLDBERG, MICHAEL SOLOMON	3,189,611	GUNKEL, PHILIP	3,189,739	HARRIS, MEGHNA DAS	
GOLDOVSKIJ, IGOR' MIHAJLOVICH	3,180,995	GUNNS, JODIE	3,181,138	THAKUR	3,181,672
GOLDSMITH, BRETT	3,182,081	GUO, BINBIN	3,181,081	HARRIS, RACHEL	3,181,272
GOLITSCHEK EDLER VON ELBWART, ALEXANDER JOHANN MARIA	3,180,911	GUO, HAIFENG	3,181,301	HARSTAD, DENNIS	3,181,567
GOLUB, YANAI	3,181,785	GUO, HUIHUI	3,181,660	HARTINGER, KATRIN	3,181,248
GOLUB, YANAI	3,181,797	GUO, XUANRONG	3,189,448	HARTMANN, DAVIS H.	3,180,926
GONG, MEIHUA	3,189,769	GUO, YUCHEN	3,189,571	HARTMANN, PASCAL	3,181,076
GONZALEZ, JAVIER	3,189,079	GUO, ZHIXIANG	3,181,660	HASEGAWA, MADOKA	3,181,865
GONZALEZ-ASEGUINOLAZA, GLORIA	3,181,024	GURKAN, UMUT	3,181,222	HASHEMI AMROABADI, SAYEDMASOUD	3,189,780
GOODE, DECLAN	3,181,474	GUROVICHH, NIKOLAY	3,189,425	HASHIMOTO, AKIKO	3,189,026
GOODMAN, BRIAN	3,179,423	GUTIERREZ, GABRIEL M.	3,189,692	HASHIMOTO, ARATA	3,180,963
GOOGLE LLC	3,181,228	GUTTLER, THOMAS	3,189,739	HASHIMOTO, KUNIHIDE	3,181,888
		GW RESEARCH LIMITED	3,181,694	HASSANI, DANE	3,180,947
		H.B. FULLER COMPANY	3,181,712	HASSOUNAH, NADIA	3,189,850
		HAABETH, OLE AUDUN	3,189,834	HASTINGS, ZACHARY S.	3,189,733
		WERNER	3,189,563	HATTERSLEY, SIMON	
		HAARBECK, FABIAN DAVID	3,189,633	RICHARD	3,181,146
		HAARBECK, FABIAN DAVID	3,189,633	HAUBNER, ALEXANDER	3,189,723

Index des demandes PCT entrant en phase nationale

HAUSMANN, JURGEN	3,181,431	HOCHMUTH, GERNOT	3,181,310	HUAWEI TECHNOLOGIES	
HAUSNER, JONATHAN	3,181,151	HOEFT, PAULUS ANTONIUS		CO., LTD.	3,189,232
HAWKINS, NEIL	3,187,393	AUGUSTINUS	3,181,308	HUAWEI TECHNOLOGIES	
HAWKINS, ROBERT	3,189,671	HOFFMANN, TIM	3,189,521	CO., LTD.	3,189,571
HAWKINS, ROBERT	3,189,677	HOFFMANSTER, CARL M.	3,189,357	HUAWEI TECHNOLOGIES	
HAY, DOUGLAS W.P.	3,181,077	HOFMANN-MASSBERG, SVEN	3,189,398	CO., LTD.	3,189,787
HAYES, JOHN CLIFFORD	3,180,914	HOFSTATTER, MARTIN	3,189,369	HUAWEI TECHNOLOGIES	
HAYLOCK, LUKE L.	3,180,916	HOLBROOK, BILLY-PAUL	3,181,437	CO., LTD.	3,189,789
HAYNES, DAVID	3,189,661	HOLDEN, DAVID JOHN	3,189,091	HUEBER, DAMIEN	3,181,873
HAYTER, GARY A.	3,180,927	HOLKENBRINK, WOLFGANG	3,189,786	HUELSKAMP, PAUL M.	3,180,950
HAZEN, JOHN	3,189,794	HOLLEYN, DENIS	3,183,868	HUGHES NETWORK	
HE, XIAOHONG	3,181,118	HOLLIS, HARBY CARTER	3,181,448	SYSTEMS, LLC	3,181,111
HEALTHCANN SP. Z O.O.	3,180,908	HOLLOWAY, ALISHA	3,189,202	HUGHES, JEFFREY SCOTT	3,189,074
HEGEDUS, IMRE	3,180,924	HOLLRIGL, ANDREAS	3,189,036	HUI, WEI HUNG	3,181,298
HEGGEBO, JORGEN DJUVE	3,181,458	HOLYNSKI, MICHAEL	3,188,327	HUI, WEI HUNG	3,181,303
HEINE, PHILIP ALEXANDER	3,181,108	HOLZFUSS, CONSTANZE	3,181,315	HUIBERTS, JOHANNES	
HEINRICH, KOSTJA	3,181,062	HOLZLECHNER, MARIO	3,180,920	THEODORUS	
HELLWIG, MICHAEL	3,181,062	HONDA, YOSHIO	3,189,384	EMERENTIA	3,181,836
HELSON, LAWRENCE	3,189,374	HONIG, JONAS	3,183,558	HUMANSYSTEMS	
HEMBERGER, YASMIN		HONKANEN, HANNA	3,188,532	INCORPORATED	3,181,038
VERENA	3,189,342	HONORE, ELINE	3,181,616	HUMASH, DAVID	3,181,318
HEMPEL A/S	3,189,757	HONZICEK, JAN	3,181,719	HUNT, ANDREW	3,181,996
HENDRY, DOUGLAS	3,180,965	HOOPER, ANDREA	3,181,026	HUNT, GREGORY JAMES	3,180,921
HENKEL AG & CO. KGAA	3,189,804	HOOPER, ANDREA THERESE	3,189,590	HUNTER, TONY ROSS	3,180,925
HENRIET, LOIC	3,186,834	HORHOTA, ALLEN T.	3,179,423	HUNTER, ZACHARY R.	3,181,254
HENSSIEN, ADRIEN	3,181,911	HORIUCHI, AYAKO	3,189,343	HUNTSMAN ADVANCED	
HENZE, MARCUS PATRICK	3,180,943	HORZEL, JORG	3,181,047	MATERIALS AMERICAS	
HERMAN, GARY	3,181,026	HOSS, UDO	3,181,614	LLC	3,189,331
HERMAN, JOHN JAMES	3,189,357	HOSS, UDO	3,181,858	HUSOVSKY, MATT	3,189,293
HERMANS, GUY	3,182,783	HOSSEINI, SEYEDEH		HUSOVSKY, MATT	3,189,562
HERMENEGILDO OLIVEIRA,		MAHBOOBEH	3,189,296	HUST, MICHAEL	3,181,108
GILSON APARECIDO	3,189,543	HOUSE OF DESIGN LLC	3,189,472	HUTCHINSON, MICHAEL	
HERNANDEZ REYES,		HOWARD, ELLIOT	3,181,885	JOHN	3,189,404
JENYSBEL DE LA		HOWELL, CHRISTOPHER		HUY, GERHART P.	3,181,089
CARIDAD	3,189,461	MICHAEL	3,181,311	HUYNH, DARYL	3,189,356
HETZLER, STEVEN ROBERT	3,181,634	HOWELL, GLADE H.	3,189,733	HUYNH-DO, UYEN	3,181,750
HIATT, MICHAEL JOHN	3,181,720	HOWELL, GLADE H.	3,189,845	HUYS INDUSTRIES LIMITED	3,180,909
HIGHERSTEAKS LIMITED	3,181,811	HOWES, SIMON ANDREW		HUYS INDUSTRIES LIMITED	3,181,027
HIGUCHI, KOJI	3,181,148	MARTYN	3,189,404	HUYSSEUNE, SANDRA	3,181,732
HIGUCHI, KOJI	3,181,160	HOWMET AEROSPACE INC.	3,180,916	HYDE, CHRISTIAN	3,181,452
HILDEBRANDT, BERND	3,181,711	HOYE, ADAM T.	3,181,731	I.G.B. S.R.L.	3,189,790
HILL, AILIS	3,181,222	HRKACH, JEFFREY	3,189,854	ICU MEDICAL, INC.	3,189,781
HILTI		HSIA, ELIZABETH	3,189,402	IDEAL INDUSTRIES	
AKTIENGESELLSCHAFT	3,189,360	HSU, STEPHEN K.	3,189,608	LIGHTING LLC	3,189,783
HILTI		HU, LIHONG	3,189,458	IDEXX LABORATORIES, INC.	3,181,751
AKTIENGESELLSCHAFT	3,189,363	HU, LINXI	3,189,529	IFFLAND, CHRISTEL	3,189,730
HILTI		HU, YANBIN	3,189,458	IFP ENERGIES NOUVELLES	3,183,493
AKTIENGESELLSCHAFT	3,189,734	HU-FRIEDY MFG. CO., LLC	3,181,839	ILIEVSKI, MARKO	3,181,067
HILTI		HUA, XUANDONG	3,181,818	ILIEVSKI, MARKO	3,180,994
AKTIENGESELLSCHAFT	3,189,735	HUANG, CHAO-YANG	3,181,192	ILIEVSKI, MARKO	3,180,999
HILTI		HUANG, GUOGANG	3,189,787	ILLINOIS TOOL WORKS INC.	3,189,400
AKTIENGESELLSCHAFT	3,189,763	HUANG, HAN-YI	3,189,465	ILNYTSKA, SVITLANA	3,181,086
HILTI		HUANG, JUNJIE	3,180,916	ILNYTSKA, SVITLANA	3,181,094
AKTIENGESELLSCHAFT	3,189,764	HUANG, KEXIN	3,181,077	ILNYTSKA, SVITLANA	3,181,630
HILTI		HUANG, KUAN-HSUN	3,181,686	IMPLICITY	3,181,829
AKTIENGESELLSCHAFT	3,189,766	HUANG, SHANGMA	3,181,660	IMURA, TAKAYUKI	3,181,148
HIMANSHU, SURI	3,139,962	HUANG, VICTOR PAISHI	3,181,818	IMURA, TAKAYUKI	3,181,160
HINCZEWSKI, MICHAEL	3,181,222	HUANG, YUANYUAN	3,181,660	IMUSYN GMBH & CO. KG	3,181,150
HINDERS, JOHN	3,181,503	HUAWEI TECHNOLOGIES		INABA, TAKAAKI	3,189,821
HINTERKOPF, JAN	3,185,220	CO., LTD.	3,180,930	INCHAUSPE, GENEVIEVE	3,189,238
HINTERKOPF, WERNER		HUAWEI TECHNOLOGIES		INDUCTEV, INC.	3,189,605
GERHARD	3,185,220	CO., LTD.	3,181,307	INGEVITY SOUTH	
HIROKAWA, TAKATSUGU	3,181,905	HUAWEI TECHNOLOGIES		CAROLINA, LLC	3,181,437
HIRZ, DIETHELM	3,189,797	CO., LTD.	3,181,314	INGLE, DANIEL	3,189,808

Index of PCT Applications Entering the National Phase

INGRAM-TEDD, ANDREW	3,189,547	IP2IPO INNOVATIONS	JEWETT, MICHAEL	
INGRET, MAXIME	3,181,683	LIMITED	CHRISTOPHER	3,181,996
INGURAN, LLC	3,189,334	IRAM, SHAMREEN	JIA, JUNXIANG	3,181,660
INGURAN, LLC	3,189,774	ISA, FLONZA	JIANG, HUI	3,189,769
INIVATA LTD.	3,189,557	ISHIBASHI NAOYA	JIANG, JING	3,184,403
INNIO JENBACHER GMBH & CO OG	3,182,721	ISHIBASHI, YUSUKE	JIANG, LUSHENG	3,189,793
INNOVATIVE MINING PRODUCTS (PTY) LTD	3,189,439	ISHIHARA SANGYO KAISHA, LTD.	JIANG, TAO	3,181,659
INNOVENT BIOLOGICS (SUZHOU) CO., LTD.	3,189,631	ISHIHARA SANGYO KAISHA, LTD.	JIANG, XIAOYAN	3,181,118
INOTREM	3,181,469	ITALFARMACO S.P.A.	JIANG, XINYAN	3,181,660
INOUE TADASHI	3,180,132	IWAI, TAKASHI	JIANG, ZHAOJU	3,189,527
INOUE, MASAMI	3,189,583	IWANAGA, YASUHIDE	JIANGSU GENSCIENCES INC.	3,189,527
INSMED INCORPORATED	3,181,285	IX BIOPHARMA LIMITED	JIANGSU HENGRI	
INSTIL BIO (UK) LIMITED	3,189,671	IX BIOPHARMA LTD	PHARMACEUTICALS CO., LTD.	3,189,452
INSTIL BIO (UK) LIMITED	3,189,677	IYoha, KINGSLEY	JIN, TONY	3,181,487
INSTITUT DE RECHERCHE CONTRE LES Cancers DE L'APPAREIL DIGESTIF (IRCAD)	3,181,667	IZQUIERDO, SHELLEY	JINKINS, CODY	3,189,791
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE	3,181,071	J-OIL MILLS, INC.	JMR CO., LTD.	3,092,576
INSTITUT NATIONAL DE RECHERCHE POUR L'AGRICULTURE, L'ALIMENTATION ET L'ENVIRONNEMENT	3,182,323	J.W. SPEAKER CORPORATION	JOHANNISON, ULF	3,181,477
INSURANCE SERVICES OFFICE, INC.	3,181,231	JACKSON, DAVID	JOHANNISON, WILHELM	3,189,547
INTEGRATED MEDIA TECHNOLOGIES, INC.	3,189,599	JACKSON, JENNIFER	JOHANSSON, JASMIN	3,181,248
INTERAXON INC.	3,189,784	JACKSON, MITCHELL M.	JOHANSSON, SEBASTIAN	3,181,248
INTERDIGITAL PATENT HOLDINGS, INC.	3,181,867	JACOB BANVILLE, HUBERT	JOHNSON & JOHNSON	
INTERNATIONAL BUSINESS MACHINES CORPORATION	3,180,879	JACOB, REINER	CONSUMER INC.	3,189,588
INTERNATIONAL BUSINESS MACHINES CORPORATION	3,181,634	JACOBSSON, LENA	JOHNSON, KALLE LUKYAN	3,189,608
INTERNATIONAL BUSINESS MACHINES CORPORATION	3,181,649	JACOBY, KYLE	JOINT STOCK COMPANY	
INTERNATIONAL BUSINESS MACHINES CORPORATION	3,181,657	JAFARZADEH, SARA ZAFAR	"BIOCAD"	3,181,288
INTERNATIONAL BUSINESS MACHINES CORPORATION	3,181,663	JAGELSKI, MATTHEW R.	JOLICOEUR, PAUL	3,189,546
INTUICELL AB	3,181,240	JAGER, TIM	JOLLY, LUCIE	3,181,469
INVACARE CORPORATION	3,189,534	JAKOBSEN, BINE HARE	JONES, CLIFFORD DAVID	3,187,393
INVACARE CORPORATION	3,189,535	JAMES, JOSHUA	JONES, CLIFFORD DAVID	3,187,514
INVACARE CORPORATION	3,189,540	JANSSEN BIOTECH, INC.	JONES, JEROME	3,180,934
INVACARE CORPORATION	3,189,542	JANSSEN BIOTECH, INC.	JONES, LUCINDA	3,180,897
INVACARE CORPORATION	3,189,544	JANSSEN BIOTECH, INC.	JONES, LUCINDA	3,181,987
INVACARE CORPORATION	3,189,568	JANSSEN PHARMACEUTICA NV	JONES, WESLEY STEVEN	3,181,122
INVACARE CORPORATION	3,189,573	JANSSEN PHARMACEUTICA NV	JOO, HYUN YOO	3,181,143
INVACARE CORPORATION	3,181,663	JANSSEN PHARMACEUTICA NV	JORDENS, RICK ADRIANUS	
INVACARE CORPORATION	3,181,663	JASMIN, SIMON	PETRUS	3,181,772
INVACARE CORPORATION	3,181,663	JASPERSE, JEFFREY R.	JORNTELL, HENRIK	3,181,240
INVACARE CORPORATION	3,181,663	JAVAID, RAHMEEN F.	JOSEPH, EDWIN PRINCE	3,189,421
INVACARE CORPORATION	3,181,663	JAWDAT, BENMAAN I.	JOSLYN ENERGY	
INVACARE CORPORATION	3,181,663	JAY, MATTHEW	DEVELOPMENT INCORPORATED	3,180,912
INVACARE CORPORATION	3,181,663	JAZZ PHARMACEUTICALS	JOSSE, THOMAS	3,181,616
INVACARE CORPORATION	3,181,663	IRELAND LIMITED	JOTHILINGAM, VASUDEVAN	3,181,298
INVACARE CORPORATION	3,181,663	JAZZ PHARMACEUTICALS	JOTHILINGAM, VASUDEVAN	3,181,303
INVACARE CORPORATION	3,181,663	IRELAND LIMITED	JOUNG, J., KEITH	3,189,601
INVACARE CORPORATION	3,181,663	JCAI INC.	JPMORGAN CHASE BANK, N.A.	
INVACARE CORPORATION	3,181,663	JEDRZEJEWSKA, MARIA	JUNG, DAWOON	3,189,725
INVACARE CORPORATION	3,181,663	JEFFREY, IAN	JUNG, DOO YOUNG	3,189,462
INVACARE CORPORATION	3,181,663	JELACIC, RICHARD	JUNG, HYEJUNG	3,180,911
INVACARE CORPORATION	3,181,663	JENNE, ERIC	JUNGST, MAGDALENA	3,189,748
INVACARE CORPORATION	3,181,663	JENSEN, THOMAS	JUSTESA IMAGEN S.A.U.	3,181,564
INVACARE CORPORATION	3,181,663	JEONG, JUN	KACHKOVSKYI, GEORGII	3,189,738
INVACARE CORPORATION	3,181,046	JESPERSEN, PAUL JESPER	KAEPPELI, OTHMAR	3,189,377
IORIATTI, NATHAN	3,181,450		KAISERMAN, TERRANCE	3,189,195
			KAKIMOTO, KENICHI	3,189,583
			KALAVATHI, FRANCISCA	3,181,245
			KALDOR, STEPHEN W.	3,181,162
			KALDOR, STEPHEN W.	3,181,209

Index des demandes PCT entrant en phase nationale

KALENDA, PETR	3,181,719	KHELFALLAH, NAWEL		KOLLMEIER, ALEXA	3,189,402
KALIL, SARAH	3,189,800	SOUAD	3,181,037	KONDA, TAKASHI	3,189,389
KAMEI, MASAMICHI	3,189,454	KHELFALLAH, NAWEL		KONDA, TAKASHI	3,189,391
KAMPFFMEYER, DIRK	3,181,711	SOUAD	3,181,697	KONG, STANLEY	
KANAPH THERAPEUTICS INC.		KHELFALLAH, NAWEL		SHENGQIAN	3,189,804
KANE, ALEXANDER	3,189,030	SOUAD	3,181,729	KONG, XIANGFEI	3,181,660
KANEMARU, SHIN-ICHI	3,182,081	KHURANA, ISHANT	3,179,237	KONTOS, CHRISTOS	3,181,741
KANIA, ROBERT	3,092,576	KIA, AZADEH	3,189,801	KOPPITZ, JANNIS	3,189,748
KANIA, ROBERT	3,181,162	KIELBOWICZ, GRZEGORZ		KORANI, WALID	3,189,334
KANNAN, SUJATHA	3,181,209	ANDRZEJ	3,180,908	KOREPANOV, ANDREY A.	3,181,710
KANNIGANTI, RADHICA	3,189,682	KIELCZEWSKA, AGNIESZKA	3,189,113	KORFHAGE, CHRISTIAN	3,181,725
KANOUMI, TOUFIKE	3,181,245	KIESEL, GREGORY	3,181,679	KORFHAGE, CHRISTIAN	3,181,737
KANOUMI, TOUFIKE	3,181,162	KIEZEBRINK, POPKE		KORGE-HARAJUVET, GEIR	3,181,894
KANSAI PAINT CO., LTD.	3,181,209	LAMMERT SJOERD	3,181,035	KOROUS, JOSEF	3,185,220
KAPLAN, JONATHAN	3,181,674	KILGORE, URIAH	3,179,237	KOSMICKI, JACK A.	3,189,755
KAPPERT, EMIEL JAN	3,181,272	KIM, DONGGEON	3,189,030	KOSMICKI, MICHAEL R.	3,189,638
KAPUR, ANIL	3,181,721	KIM, EUN JIN	3,181,812	KOTANKO, PETER	3,189,219
KAPURNIOTU, APHRODITE	3,181,682	KIM, MIN-JI	3,181,812	KOTANKO, PETER	3,189,221
KARASSIK, NISHAN	3,181,741	KIM, PAUL H.	3,189,293	KOTANKO, PETER	3,189,346
KARIM, ALAVI	3,189,202	KIN, ISSEKI	3,182,622	KOTRAIAH, VINAYAKA	3,189,692
KARNES, WILLIAM E.	3,181,244	KIN, ISSEKI	3,182,631	KOISNI, LAMFEDDAL	3,189,825
KAROUI, SAMI	3,181,486	KINCAID, DEREK	3,189,331	KOUKIS, ANDREW	3,181,251
KARPF, DAVID	3,181,874	KINDEVA DRUG DELIVERY		KOVALYUKH, SERGIY	
KASAI, TAKAYUKI	3,188,730	L.P.	3,189,066	VSEVOLODOVYCH	3,189,594
KASAINI, HENRY W.	3,180,939	KINDRED SYSTEMS INC.	3,189,523	KOZODOY, LISA	3,181,996
KASEMANN, MARTIN	3,180,942	KINI, PRASHANT VASANT	3,189,767	KOZYR, OLEKSANDR	3,181,474
KASMIR, SETON PAUL	3,181,248	KINNATE BIOPHARMA INC.	3,181,162	KRAFT, JORG	3,181,662
KASPI, HAGGAI	3,189,418	KINNATE BIOPHARMA INC.	3,181,209	KRAH, EUGENE REGIS III	3,181,751
KAST, RACHEL ELIZABETH	3,189,818	KIRWIN, ROAN	3,181,500	KRAKALOVICH, KENNEDY	3,189,064
KATO, DARRYL	3,181,163	KITO CORPORATION	3,180,939	KREUTER, BENJAMIN R.	3,181,700
KATO, HIROKO	3,181,690	KLAVENESS, JO	3,181,123	KRIEF, GUY	3,181,821
KATO, MASAHIRO	3,189,810	KLEBANOV, DANIEL	3,189,800	KRIMM, ISABELLE	3,181,071
KATO, MASATOMO	3,180,963	KLEIN, ANDERS BUE	3,181,300	KRISHNAN, RAJEEV	3,189,782
KATRICK TECHNOLOGIES LIMITED	3,189,821	KLEIN, MANFRED	3,189,360	KROHN, MICHAEL	3,189,525
KAUFFMAN, GREGORY	3,181,897	KLEIN, MANFRED	3,189,363	KRONAUGE, JAMES	3,181,731
KAUFFMANN, AARON	3,180,934	KLEIN, MANFRED	3,189,734	KRUEGER, MARTIN C.	3,180,724
KAUSSEN, FRANK MARLIN	3,181,809	KLEIN, MANFRED	3,189,735	KRUER, MARK A.	3,180,931
KAWAGUCHI, TSUNETAKA	3,189,365	KLEIN, MANFRED	3,189,763	KRUGER, KLAUS	3,181,430
KAWAI, YUMIKO	3,189,026	KLEINE, ULRICH	3,189,766	KRUGER, SILVIO E.	3,186,631
KAWASE YUKI	3,180,951	KLEINPETER, THOMAS	3,189,786	KRUUK, RYAN	3,189,064
KAY, BRADLEY WILLIAM	3,189,029	KLIMA, RODNEY F.	3,181,294	KRULL, JENS	3,189,739
KAZMER, MARK	3,189,685	KLINGLER, JAMES	3,181,596	KUBALA, BRAYDEN	3,189,541
KCI LICENSING, INC.	3,189,727	KLUSSMANN, MARTIN	3,189,063	KUBOTA CORPORATION	3,181,888
KECLIK, JAMES	3,189,079	KNAPP, BRIAN K.	3,181,719	KUEBERUWA, GRAY	3,189,671
KELLER, ANDREAS	3,181,450	KNIGHT, DAVID	3,181,703	KUFELD, SCOTT E.	3,189,123
KELLEY, KEVIN	3,189,194	KNOBEL, KIRSTEN	3,181,077	KUGLER, JONAS	3,181,108
KELLY, CYNTHIA LYLE	3,181,740	KNODE, GALEN EDGAR	3,181,847	KUHLWEIN, MICHAEL	3,181,105
KELLY, RON CHRISTOPHER	3,180,943	KNOX, HOWARD THOMAS	3,180,970	KUHN, HEINZ-JURGEN	3,189,369
KELLY, SHAINA A.	3,189,226	KNOX, SAMUEL	3,180,934	KUHN, PHILIPP	3,181,108
KEMBER, ALLAN	3,180,724	KO, WOOREE	3,181,832	KUHNERT, CHRISTIAN	3,181,438
KENDALL, DAVID	3,181,313	KOBENHAVNS UNIVERSITET	3,181,680	KUIPER, MICHAEL DAVID	3,180,900
KEPINSKI, ANDRZEJ	3,189,774	KOCHENDORFER, KIARA	3,181,300	KULAK, NILS A.	3,181,248
KERN, RALPH	3,189,080	AENNE	3,189,369	KULTGEN, STEVEN G.	3,181,580
KERRY GROUP SERVICES INTERNATIONAL LIMITED	3,189,818	KOEHLER INNOVATION & TECHNOLOGY GMBH	3,189,043	KULTGEN, STEVEN G.	3,181,590
KEYES, NICHOLAS	3,181,474	KOFIRA, PETER P.	3,181,309	KULTRAN, DENPOL	3,181,720
KHALIFA, ABUBAKER	3,189,523	KOHL, CHRISTOPH	3,181,315	KUMAR, FNU SUSHIL	3,189,782
KHAN, KAZIM A.	3,181,885	KOHLER, CLAUDIA	3,181,023	KUMAR, KARTHIGA	
KHAN, TAHIR S.	3,189,409	KOHLER, RACHEL	3,181,485	SANTHANA	3,181,825
KHAN, TAHIR S.	3,181,614	KOLB, HARTMUTH C.	3,189,577	KUMAR, KARTHIGA	
KHAN, TAHIR S.	3,181,858	KOLESNIKOV, DMITRIJ	3,181,021	SANTHANA	3,181,831
KHATTAR, NISHANT	3,189,116	ALEKSANDROVICH	3,181,714	KUMARAVAT, APEKSHA	3,180,994
		KOLLEP, ALEXANDRE		KUMARAVAT, APEKSHA	3,180,999
				KUMARAVAT, APEKSHA	3,181,067

Index of PCT Applications Entering the National Phase

KUMPH, MUIR	3,181,657	LEE, JOHN T.	3,189,293	LIE, JIE	3,181,797
KUNALINGAM, LAVANIYA	3,189,740	LEE, JOHN T.	3,189,562	LIGOCKI, ANN	3,189,755
KUNG, PEI-PEI	3,189,410	LEE, KELVIN	3,189,461	LIHME, ALLAN OTTO FOG	3,181,772
KUNZ, ANDREAS	3,180,907	LEE, SOO JIN	3,189,497	LIM, CHIN BENG STEPHEN	3,180,964
KURIO, GREGORY HOWARD TAKEO	3,180,943	LEE, SU JAE	3,189,430	LIM, DONG SUNG	3,189,725
KWAK, TAE HWAN	3,189,061	LEE, TONY S.	3,181,818	LIM, EUN JI	3,189,430
KWON, HEECHUNG	3,181,143	LEE, WILLIAM KOO	3,180,927	LIN, CHEN	3,181,660
KWON, HEECHUNG	3,181,153	LEE, YIP HANG EDDY	3,180,964	LIN, EMILY	3,181,740
KWS SAAT SE & CO. KGAA	3,181,315	LEE-KUBLI, CORINNE	3,189,595	LIN, JERRY	3,181,061
KYAW, PHYO AUNG	3,189,370	LEES, CLARE	3,189,291	LIN, WUN-HUEI	3,181,192
KYMERA THERAPEUTICS, INC.	3,180,944	LEFLERE, JOOST PETER	3,181,308	LIN, ZIYAN	3,181,141
KYOTO MEDICAL CONSUL, CO., LTD.	3,092,576	LEGRAND, AURELIE	3,181,460	LINAK A/S	3,181,242
LABOUREAU, SEBASTIEN	3,189,759	LEGRAND, ULRICH	3,186,013	LINDBO, LARS SVERKER	
LACELLE, THOMAS	3,186,631	LEICH, VALERI	3,183,558	TURE	3,189,547
LACOMBE, ANN	3,189,293	LEIDOS, INC.	3,189,692	LINDE GMBH	3,189,369
LACOMBE, ANN	3,189,562	LEITH, MATTHEW JOHN	3,189,533	LINDEN, RALPH MICHAEL	3,181,024
LAFOND, MICHAEL	3,182,323	LEMAY, ADAM JOSEPH	3,189,238	LINDER, PHILIPP	3,189,280
LAI, CHUN-LIANG	3,181,192	LEMAY, ADAM JOSEPH	3,189,067	LINDSLEY, CRAIG W.	3,189,217
LAIB, HEINRICH	3,189,369	LENGLACHNER, WOLFGANG	3,189,072	LINDVED, BODIL KJÆR	3,181,772
LAICO, JOSEPH P.	3,181,834	LENO, KURT E.	3,189,586	LINEAR HEALTH SCIENCES,	
LAILEE, YING-SHUAN	3,181,192	LENOVO (SINGAPORE) PTE.	3,181,818	LLC	3,180,914
LAL, VIVEK	3,180,965	LTD.	3,180,907	LINTEC CORPORATION	3,189,760
LALANI, AL-AZHAR ZAHER	3,180,925	LENOVO (SINGAPORE) PTE.	3,189,352	LITTERSCHEID, CHRISTIAN	
LAMBERT, ARNOLD	3,183,493	LENSER, RICHARD	3,180,911	LIU, CHENGLIANG	3,189,527
LAMMER-KLUPAZEK, EWALD	3,181,062	LEON MONZON, KALET	3,181,251	LIU, GUIZHONG	3,181,677
LAMORINIÈRE, STEVEN	3,181,046	LEPELAARS, MAARTEN	3,189,461	LIU, JIAN	3,189,769
LAMPE, MATTHEW EVAN	3,181,912	LERNER, ZACHARY F,	3,181,886	LIU, JIANHUA	3,181,237
LANCIEGO PEREZ, JOSE LUIS	3,181,024	LEUNE, ELISA	3,181,157	LIU, JIAYOU	3,181,751
LANG, GUOJUN	3,181,013	LEUNG, CHARLENE	3,181,847	LIU, JINCHENG	3,181,237
LANGENFELD, PIERRE	3,181,616	LEUNG, DOMINIC CHEUK	3,189,765	LIU, JING	3,189,789
LANGER, THOMAS	3,184,544	HUNG	3,189,608	LIU, JINNAN	3,180,930
LANGER, THOMAS	3,184,546	LEUNG, LINUS	3,181,027	LIU, RONGJIANG	3,180,930
LANGREDER, NORA	3,181,108	LEUNG, MATTHEW	3,189,238	LIU, TAOWEN	3,189,793
LANTHEUS MEDICAL IMAGING, INC.	3,189,851	LEUNG-THEUNG-LONG,	3,189,765	LIU, TUAN	3,189,413
LAO, DAPENG	3,180,930	LEUPAARS, STEPHANE	3,189,608	LIU, XIAOLIAN	3,181,257
LAROSE, JEAN-FRANCOIS	3,181,857	LEVETIN, OLIVIER	3,189,238	LIU, XUN	3,189,452
LARSEN, KASPER EMIL	3,181,275	LEVI, TAMIR S.	3,189,741	LIU, YANSHUN	3,181,824
LATECOERE	3,181,621	LEVETIN, TAMIR S.	3,189,425	LIU, ZENGHE	3,181,804
LAUZON, DENNIS	3,181,312	LEVIE, BLAKE	3,189,731	LIU, ZHIJIE	3,189,771
LAWENDY, ABDEL-RAHMAN	3,181,304	LEVIN, ITAY	3,181,109	LIVINGSTONE, MARK	
LAWTER, INC.	3,189,794	LEVITIN, NATALIA	3,182,383	ALEXANDER	3,181,968
LAYEC, EGLANTINE PENELOPE MARY	3,173,712	LEVY, RONALD	3,182,383	LOBODA, GREGORY	3,189,444
LAZERWITH, SCOTT E.	3,181,690	LEVY, YOSSEF	3,182,383	LOCKE, GARY	3,181,320
LAZEWATSKY, JOEL	3,189,851	LEWANDOWSKI, ERIC	3,189,834	LOCKHEED MARTIN	
LE BORGNE, MARC	3,181,071	LEWINSKI, JANUSZ	3,189,818	CORPORATION	3,189,034
LE GAL-REDON, PATRICK	3,183,444	LI, AN-HU	3,181,649	LOCO - CRAZY GOOD	
LE, DONG	3,189,331	LI, BAILIN	3,189,062	COOKERS, INC.	3,181,109
LEBBY, MICHAEL S.	3,180,926	LI, DEJIAN	3,189,725	LOEWEN, GORDON RAPHAEL	3,181,084
LEBOVITS, CHAIM	3,189,818	LI, GANG	3,189,779	LOGNOVATIONS HOLDINGS,	
LEDDEN, DAVID	3,181,809	LI, JIE	3,180,930	LLC	3,181,813
LEE, BYEONG SUNG	3,189,462	LI, JIN WEI	3,189,458	LOHMEIJER, BASTIAAN	3,189,747
LEE, BYOUNG CHUL	3,189,030	LI, SHENJUN	3,181,694	LOHMEYER, JULIAN	
LEE, DANIEL J.	3,189,426	LI, YIQUING	3,189,625	JOHANNES	3,189,834
LEE, EUGENE K.	3,189,196	LI, YUANHAO	3,184,403	LOMBERGET, THIERRY	3,181,071
LEE, EUNSIL	3,189,497	LI, YUNBO	3,189,571	LOMUNOVA, MARIA	
LEE, GEON IL	3,172,087	LI, YURONG	3,189,779	ANDREEVNA	3,181,288
LEE, JAR JUEH	3,181,720	LIANG, DANDAN	3,189,571	LONDON	
LEE, JIN SOO	3,189,462	LIANG, FENG	3,189,793	PHARMACEUTICALS	
		LIE, JIE	3,181,785	AND RESEARCH	
				CORPORATION	3,181,302
				LONDON	
				PHARMACEUTICALS	
				AND RESEARCH	
				CORPORATION	

Index des demandes PCT entrant en phase nationale

LONG, MADELINE F.	3,189,217	LUXOTTICA S.R.L.	3,181,727	MARECHAL, DAMIEN	3,183,444
LONG, XIAOJUAN	3,189,769	LYKKE, MADS	3,180,975	MAREL MEAT B.V.	3,189,736
LONGA NOSE, GUILHERME	3,181,206	LYNGDORF, FREDERIK		MAREUGE, LAURENT	3,189,759
LOPAREX GERMANY GMBH & CO. KG		HEDEVANG	3,181,242	MARGATHE, JEAN-FRANCOIS	3,187,393
LOPEZ, JOSE MENDOZA	3,189,746	LYON, GRAEME	3,181,675	MARGATHE, JEAN-FRANCOIS	3,187,514
LOPEZ, MARK RYAN	3,189,595	MA, CHE	3,189,465	MARIK, GREG	3,189,426
LOPEZ, MARK RYAN	3,181,079	MA, YIDONG	3,189,631	MARKOWETZ, FLORIAN	3,181,090
LORECKI, BOGUSLAW	3,181,238	MAC NAMARA, CARL DAVID	3,189,776	MARKS, JACOB	3,189,564
LORETZ, LUDWIG	3,181,268	MACDONALD, DETTWILER & ASSOCIATES INC.	3,181,091	MARR, HARRY BOURNE JR.	3,181,720
LORTIE, MICHEL ARTHUR	3,189,036	MACDONALD, DOUGLAS		MARS, PER	3,181,723
LOUGHED, OLIVIA	3,189,765	BRUCE	3,181,448	MARSICO, GIOVANNI	3,189,557
LOURENCO, VERA	3,180,920	MACDOUGALL, TREVOR	3,181,808	MARTALOCK, ALANA	3,189,546
LOWE, TREVOR RAYMOND	3,189,330	MACFARLANE, MELANIE	3,181,968	MARTIN MARTIN, FELIX	
LU, MARGARET SHI	3,173,712	MACIAS ABRAHAM,		RAMON	3,181,564
LU, QUAN	3,181,861	AMPARO EMILIA	3,189,461	MARTIN, ADRIAN	3,189,523
LUCOMM TECHNOLOGIES, INC.	3,181,080	MACIELAG, MARK J.	3,189,771	MARTIN, HUGH	3,189,468
LUDWIG-MAXIMILIANS-UNIVERSITAT MUNCHEN	3,181,741	MACINTYRE, GEOFF	3,181,090	MARTIN, PERRINE	3,189,238
LUECK, JOHN D.	3,181,680	MACKENZIE, HUGH	3,181,864	MARTIN, ROGER	3,189,468
LUKAN, SEAN	3,189,115	MACQUARIE, EVAN	3,189,846	MARTINEZ, ALICIA	
LULULEMON ATHLETICA CANADA INC.	3,189,350	MADDocks, OLIVER D. K.	3,181,288	HURTADO	3,181,141
LUMBATIS, KURT ALAN	3,181,442	MADDocks, OLIVER D. K.	3,189,803	MARTINEZ, CHRISTIAN	3,189,562
LUMBATIS, KURT ALAN	3,181,457	MADHUR, BHATIA	3,181,158	MARTINO, MIKAEL	3,181,619
LUMEDA INC.	3,181,808	MAGARA RYOHEI	3,181,161	MARTLIN DISTRIBUTING, LLC	
LUMSDEN, CRAIG	3,181,487	MAGARAM, URI	3,189,846	MARVIN, WILLIAM	3,181,272
LUNA, JOSE	3,181,739	MAGNA EXTERIORS INC.	3,139,962	MARWEDEL, THOMAS	3,189,786
LUO, CHUIYI	3,181,237	MAGNABOSCO, FRANCESCA	3,180,132	MASANTI, MATTEO	3,181,316
LUO, HAIYAN	3,189,789	MAGNANI, JOHN L.	3,189,595	MASANTI, MATTEO	3,181,319
LUO, HUAN	3,189,769	MAGUIRE ABBEY, LLC	3,189,362	MASEK, DOUGLAS W.	3,181,450
LUO, PETER PEIZHI	3,181,677	MAGUIRE-BOYLE, SAMUEL	3,181,278	MASON, JAMES	3,180,897
LUO, WENTING	3,184,403	JAMES	3,181,834	MASON, JAMES	3,181,987
LUPIEN, ALEXANDRE	3,181,832	MAGUIRE-BOYLE, SAMUEL	3,181,063	MASON, MATTHEW T.	3,189,559
LUSOSPACE, PROJECTOS ENGENHARIA LDA		JAMES	3,181,069	MASON, MATTHEW T.	3,189,565
LUTH, THOMAS	3,189,574	MAHER, MICHELLE	3,181,116	MASON, MATTHEW T.	3,189,612
LUTHI, ALEXANDER	3,181,430	MAHLE, OLE ALEXANDER	3,181,496	MASON, MATTHEW T.	3,189,615
LUTHI, ALEXANDER	3,181,841	MAHRINGER, THOMAS	3,189,824	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	3,182,741
LUTRON TECHNOLOGY COMPANY LLC	3,181,856	MAI, SUNE, SCHOTT	3,189,288	MASTERCARD	
LUTRON TECHNOLOGY COMPANY LLC	3,180,970	MAK, SUET YEE	3,189,196	INTERNATIONAL INCORPORATED	
LUTRON TECHNOLOGY COMPANY LLC	3,181,065	MAKAROV, ALEXANDR N.	3,181,853	MASANTI, MATTEO	3,181,498
LUTRON TECHNOLOGY COMPANY LLC	3,181,079	MAKINO, ELINA	3,181,853	MASUI, KOSUKE	3,189,744
LUTRON TECHNOLOGY COMPANY LLC	3,181,083	MAKowsky, JOHN	3,189,640	MATHews, BRIAN	3,181,450
LUTRON TECHNOLOGY COMPANY LLC	3,181,102	MALEK TABRIZI, ALIREZA	3,189,350	MATHSON, TIMOTHY G.	3,189,472
LUTRON TECHNOLOGY COMPANY LLC	3,181,114	MALESKI, ROBERT	3,180,924	MATON, JOHNATHAN	3,189,356
LUTRON TECHNOLOGY COMPANY LLC	3,181,125	MALIK, HARBANI	3,189,555	MATSUBARA, MOTOYUKI	3,181,888
LUTRON TECHNOLOGY COMPANY LLC	3,181,135	MALISZ, JACEK	3,189,297	MAurer, MONIQUE	3,189,740
LUTRON TECHNOLOGY COMPANY LLC	3,181,148	MANCHULENKO, KATHY	3,181,721	MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V.	
LUTRON TECHNOLOGY COMPANY LLC	3,181,152	MANDELIK, DANIEL	3,189,113	MAyer, MICHAEL	3,189,739
LUTRON TECHNOLOGY COMPANY LLC	3,181,164	MANDL-CASHMAN, STEFANIE	3,181,152	MAzurek, ANTHONY	3,181,055
LUTRON TECHNOLOGY COMPANY LLC	3,181,175	MANNING, ANDREW J.	3,181,117	MCARDLE, TERENCE	3,189,410
LUTRON TECHNOLOGY COMPANY LLC	3,181,185	MANSJUR, DWI SIANTO	3,189,121	MCABE, NEAL JAMES	3,181,294
LUTRON TECHNOLOGY COMPANY LLC	3,181,195	MANSOUR, AMEARA S.	3,180,879	McCabe, NEAL JAMES	3,180,913
LUTRON TECHNOLOGY COMPANY LLC	3,181,205	MANSUKHANI, NIKHITA	3,181,712	McCallum, JOHN ROBERT	
LUTRON TECHNOLOGY COMPANY LLC	3,181,218	MANTEI, FRANZ	3,181,562	MCCANLESS, JONATHAN D.	3,189,638
LUTRON TECHNOLOGY COMPANY LLC	3,181,228	MAO, ANGELO S.	3,189,372	MCCLURE, RICHARD F.	3,181,804
LUTRON TECHNOLOGY COMPANY LLC	3,181,238	MAO, MATTHEW YILIN	3,181,824	MCCOSHIM, HUGH THOMAS	3,181,215
LUTRON TECHNOLOGY COMPANY LLC	3,181,248	MARASCA, FEDERICA	3,181,833	MCCOSHIM, HUGH THOMAS	3,189,563
LUTRON TECHNOLOGY COMPANY LLC	3,181,258	MARASIGAN, MICHELLE	3,189,129	MCCRUDY, ALEX T.	3,189,633
LUTTRELL, RYAN	3,181,268	MARCANDALLI, LUIZ	3,181,720	MCDANIEL, MAX P.	3,189,121
LUX, TIMM	3,189,365	HENRIQUE	3,189,543	MCDONNELL, KEVIN	3,189,123
		MARCHINI, MATTIA	3,189,738		3,189,761

Index of PCT Applications Entering the National Phase

MCELVEEN, CHRISTOPHER A.	3,181,813	MICHELS, NICOLAS	3,189,398	MONAGHAN, MATTHEW E.	3,189,542
MCFERSON, JOHN	3,189,202	MICHELI, MAXMILLIAN	3,189,421	MONAGHAN, MATTHEW E.	3,189,544
MCGIBBON, ANDREW	3,181,614	DAVID	3,181,859	MONAGHAN, MATTHEW E.	3,189,568
MCGONIGLE, BRIAN	3,189,330	MICKLE, JARED T.	3,180,950	MONASH UNIVERSITY	3,181,619
MCGOWAN, JOHN FRANCIS	3,180,913	MIDREX TECHNOLOGIES, INC.	3,181,226	MONASH UNIVERSITY	3,181,752
MCGUINNESS, TOM	3,180,965	MIERZWA, PAUL	3,181,311	MONELLI, BERNARDO DISMA	3,185,908
MCINTOSH, JENNY	3,189,801	MIKHAIL, GEORGE	3,189,564	MONOCROM, S.L.	3,181,132
MCKINZIE, MARC	3,181,251	MILEHAM, ALAN	3,189,334	MONTEMURO, ALBERT	3,181,720
MCLAUGHLIN, ROSALEEN	3,189,404	MILLER, JOHN ROBERT	3,189,294	MONTIEL LEGUEY, VICENTE	3,181,564
MCLoughlin, SEAMUS	3,181,474	MILLER, JOHN ROBERT	3,189,295	MOOG INC.	3,189,420
MCMAHON, FRANCIS J.	3,189,605	MILLER, LAUREN	3,181,996	MOON, SUNG HWAN	3,189,497
MCNEAL, TIMOTHY R.	3,181,703	MILLER, MICHAEL	3,180,965	MOONEY, LUKE	3,181,272
MCNEIL, RAE	3,189,115	MILLER, MORGAN L.	3,189,299	MOONEY, MATTHEW	3,181,272
MCNULTY, JOHN J.	3,181,099	MILLER, NICHOL LEE GOODMAN	3,189,632	MOORTHY, DINESH	
MCVEY, CASSANDRA A.S.	3,181,452	MILLER, TONY	3,181,258	SUNDARA	3,181,262
MECKER, WILLIAM ALEXANDER	3,181,452	MILLMAN, ROBERT	3,181,861	MORAND, MICHEL	3,189,745
MED STORM INNOVATION AS	3,181,901	MIN, XIAOSHAN	3,189,113	MOREILLON, GUY	3,181,874
MEDICAL DEVELOPMENTS INTERNATIONAL LIMITED	3,180,923	MINCH MALT LIMITED	3,181,508	MORENO, DIEGO	3,189,774
MEDINA ECHEVERZ, JOSE	3,181,431	MINERVA BIOTECHNOLOGIES CORPORATION	3,181,655	MORIHARA, YASUHIRO	3,182,622
MEEK, ALEXANDER M.	3,180,950	MINGHUI PHARMACEUTICAL (HANGZHOU) LIMITED	3,181,013	MORIHARA, YASUHIRO	3,182,631
MEERDINK, JAN	3,189,736	MINGHUI PHARMACEUTICAL (SHANGHAI) LIMITED	3,181,013	MORIN, MICHEL	3,189,836
MEGERLE, BENJAMIN	3,179,546	MINHAS, RAJPREET SINGH	3,181,013	MORIN, TREVOR JUSTIN	3,181,751
MEHTON, GURVINDER	3,181,084	MIOTOX, LLC	3,181,752	MORIYA, RYUICHI	3,189,553
MEI PHARMA, INC.	3,181,730	MIRACLE, GREGORY SCOT	3,181,130	MORIYAMA, EDUARDO	3,189,765
MEIER, DORIS	3,181,108	MIRACLON CORPORATION	3,181,221	MOROZOV, DMITRY VALENTINOVICH	3,181,288
MEIER, NICOLAS	3,189,740	MIRANDA, CARLOS	3,181,244	MORPHOSYS AG	3,181,827
MELD CX PTY LTD	3,181,068	MIRISOLA, RAIMUNDO	3,189,801	MORRISON, WILLIAM B.	3,181,098
MELLAS, NATHAN	3,181,450	MIRONOV, OLEG	3,181,700	MORROW, ELIZABETH	3,181,033
MELTON, NATASHA G.	3,181,703	MISAGHI, SHAHRAM	3,181,494	MORTENSEN, PETER	
MELTZER, ROBERT	3,189,597	MISHRA, ASHISHKUMAR RAVINDRA	3,189,520	MOLGAARD	3,181,275
MEMO THERAPEUTICS AG	3,181,750	MISSKE, ANDREA	3,189,767	MORTON, JOHN JEREMIAH	3,181,448
MEMORIAL SLOAN KETTERING CANCER CENTER	3,181,124	MITCHELL, SCOTT	3,189,747	MOSTELLER, BARRY	3,189,859
MENDE, INES	3,181,117	MITULA, PAWEŁ	3,179,237	MOUSTafa, MAHMOUD MOHAMED ABDRABO	3,181,302
MENDOZA, KRISTOFFER	3,181,294	MIURA, TAKANORI	3,180,908	MOWI ASA	3,181,123
MENGEL, SIEGFRIED	3,189,352	MO, WEICHUAN	3,181,802	MOXION POWER CO.	3,180,950
MENON, MALINI	3,181,245	MO, XIYELE	3,189,527	MRSNY, RANDY	3,181,868
MERCHANT, SHREEMA	3,189,802	MOCK, MARISSA	3,189,452	MSI DEFENSE SOLUTIONS, LLC	3,189,091
MERCHEL, FRANK	3,189,063	MODA, MATTIA	3,189,113	MTP TECHNOLOGIES, LLC	3,189,606
MERCK MILLPORE LTD.	3,181,233	MODELL, MITCHELL	3,185,908	MUDALIAR, CHANDRASEKHAR	
MERilos, JOSHUA	3,189,330	MODERNATX, INC.	3,189,195	DAYAL	3,189,767
MERUELO, DANIEL	3,181,141	MOGANTRY, SURYA	3,181,139	MUDD, GEMMA	3,189,761
MESAROS, EUGEN F.	3,181,580	MOGG, JOHANNES	3,185,220	MUHAMMED, AMEEN	3,180,910
MESAROS, EUGEN F.	3,181,590	MOHAMMAD, NIEMA	3,181,313	MUKHINA, MARYNA	3,181,086
MESOBlast INTERNATIONAL SARL	3,181,611	MOHINI, PAYAL	3,181,037	MUKHINA, MARYNA	3,181,094
MESSER SE & CO KGAA	3,181,711	MOHR, ANNA VERENA	3,181,697	MUKHINA, MARYNA	3,181,630
METHERINGHAM, RACHAEL	3,189,358	MOHR, ANNA VERENA	3,181,729	MULLER, JOSEF	3,189,746
METIN, AKSU	3,189,739	MOHR, ANNA VERENA	3,189,288	MULLER, SEBASTIAN	3,189,398
MEURER, HANS CHRISTOPH	3,189,397	MOHR, KRISTOFFER, SKOVGAARD	3,189,836	MULLER, SEBASTIAN	3,189,421
MEYER, KNUT	3,189,603	MOHSIN, MUHAMMAD	3,189,765	MUNIZ DA SILVA, LUIZ FRANCISCO	3,181,206
MGI TECH CO., LTD.	3,189,769	MOK, DANIEL WING FAI	3,189,045	MURDOCK, RICHARD D.	3,189,472
MICAS AG	3,181,133	MOLINA, ALDRIC	3,189,477	MURPHY, ERIC A.	3,181,162
MICHAEL, GERALD E.	3,180,724	MOLNLYCKE HEALTH CARE AB	3,181,070	MURPHY, ERIC A.	3,181,209
MICHAU, MATHIEU	3,183,493	MOLONEY, JEREMY	3,189,535	MURPHY, PATRICK	3,181,682
MICHEL, ANDREW R.	3,181,712	MONAGHAN, MATTHEW E.		MURRAY, COLLIN	3,189,799
MICHELET, PIERRE	3,180,948				
MICHELON, DINO	3,181,727				

Index des demandes PCT entrant en phase nationale

MURRAY, HANS E.H.	3,181,684	NELSON, GABRIEL	3,189,612	NIXON, KODI	3,189,770
MUSSIL, BIANKA	3,189,739	NELSON, GABRIEL	3,189,615	NOBELPHARMA CO., LTD.	3,092,576
MUSTAZZA, JENNY	3,181,845	NELSON, RACHEL	3,189,031	NOCULA-LUGOWSKA,	
MYERS, JEREMY SHAWN	3,189,291	NELSON, RACHEL	3,189,035	MALGORZATA	
MYOKARDIA, INC.	3,180,943	NELSON, RACHEL	3,189,040	AGNIESZKA	3,189,590
NABAVALARIMI, SEYEDYASER	3,186,662	NELSON, RACHEL	3,189,044	NODBRANDT, ANDREA	3,181,289
NADIANBIO LTD.	3,189,061	NELSON, RACHEL	3,189,046	NOGUERAS, HECTOR	3,189,636
NAFIS, AHMED	3,189,825	NELSON, RACHEL	3,189,048	NOHMS TECHNOLOGIES, INC.	3,181,139
NAGAI, YOSHINORI	3,181,905	NELSON, RACHEL	3,189,050	NOMAD BIOSCIENCE GMBH	3,189,366
NAGEL, SEAN	3,180,928	NELSON, RACHEL	3,189,052	NOOR, MUSTAFA	3,188,730
NAGHSINEH, MAHSA	3,181,474	NELSON, RACHEL	3,189,055	NORDELL, LAWRENCE K.	3,189,842
NAKAMURA, HIROYUKI	3,189,457	NENINGER VINAGERAS, ELIA	3,189,060	NORDIC INERTIAL OY	3,189,127
NAKAMURA, TERUO	3,189,391	NESTE OYJ	3,189,461	NORIEGA VACA, ALFREDO	
NAKANISHI, ARLINE	3,181,084	NET INSIGHT AB	3,188,532	ALEJANDRO	3,189,193
NAKATSU, MASAHIRO	3,189,026	NETEA, MIHAI	3,181,669	NOROOZI, MEHDI	3,180,912
NANJING BIOHENG BIOTECH CO., LTD.	3,181,118	NEUMANN, LEONIE	3,181,469	NORRIS, PATRICK	3,180,965
NANJING LEGEND BIOTECH CO., LTD.	3,189,531	NEUMANN, YOAV	3,189,739	NORTH, HARRISON	3,189,330
NANJING LEGEND BIOTECH CO., LTD.	3,189,548	NEUROCRINE BIOSCIENCES, INC.	3,181,821	NORTHROP GRUMMAN SYSTEMS CORPORATION	3,180,931
NANJO TAKUYA	3,189,029	NEUROCRINE BIOSCIENCES, INC.	3,181,084	NORTHWESTERN, UNIVERSITY	3,181,996
NANOS JR., NICHOLAS M.	3,181,450	NEW YORK UNIVERSITY	3,181,126	NORWEGIAN UNIVERSITY OF LIFE SCIENCES	3,189,751
NANOSONICS LIMITED	3,181,138	NEWROAD AG	3,181,141	NOURSHARGH, RUSTIN	3,188,327
NANOTECH, INC.	3,189,209	NEXALIN TECHNOLOGY, INC.	3,189,778	NOVAMONT S.P.A.	3,189,347
NANOZO SP. Z O.O.	3,189,062	NG PAKLEUNG, CLARA	3,189,795	NOVARTIS AG	3,189,850
NARANG, ARJUN	3,180,994	SOPHIE LEA	3,181,221	NOVELIS INC.	3,189,638
NARANG, ARJUN	3,180,999	NGUYEN DUC, ANH	3,181,308	NOVOHEART	
NARANG, ARJUN	3,181,067	NGUYEN, AARON	3,181,820	INTERNATIONAL	
NARANG, GAUTAM	3,180,994	NGUYEN, QUYNH	3,181,677	LIMITED	3,189,196
NARANG, GAUTAM	3,180,999	NGUYEN, THIERRY	3,189,293	NUROZYMES A/S	3,189,083
NARANG, GAUTAM	3,181,067	NGUYEN, TRI MINH	3,180,900	NUBURU, INC.	3,181,706
NARASINGOLU, SREENIVASA CHANDRASEKHAR	3,189,782	NGUYEN-MEYER, THUY T.	3,181,216	NULL, WILLIAM A.	3,189,535
NARGUND, RAVI	3,189,771	NGWENYA-JONES, AYANDA	3,181,221	NOVARTIS AG	
NARITA, NOBUHIKO	3,181,674	NIAGARA BOTTLING, LLC	3,181,287	NOVHEART	
NARITA, SHINICHI	3,189,744	NICHOLS, STEVE CHARLES	3,189,641	NUOVO PIGNONE	
NASINI, ERNESTO	3,184,205	NICOLI, MARGHERITA	3,189,753	NUOVO PIGNONE TECNOLOGIE - S.R.L.	3,184,171
NATES, SERGIO F.	3,181,567	NICOVENTURES TRADING LIMITED	3,181,912	NUVIO, INC.	
NATHWANI, AMIT	3,189,801	NIHEI, AYUMI	3,189,389	NUVIO, INC.	3,189,530
NATIONAL HEALTH RESEARCH INSTITUTES	3,181,686	NIHLSTRAND, ANNA	3,189,391	NUXT BIOMEDICAL, LLC	3,181,885
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY		NIHON MEDI-PHYSICS CO., LTD.	3,181,289	NYBOE, NICKLAS, SKOVGAARD	
NATIONAL RESEARCH COUNCIL OF CANADA	3,181,905	NIKE INNOVATE C.V.	3,189,384	O'BRIEN, MEAGAN	3,189,288
NATIONAL RESEARCH COUNCIL OF CANADA	3,186,631	NIKOLA CORPORATION	3,189,469	O'NEILL, SUZANNE MARY	3,181,026
NATIVIDAD, JANEMEAM	3,189,836	NIKON CORPORATION	3,189,635	O'Rourke, PATRICK	3,189,552
NATOUR, DALIA	3,181,624	NIMROD, GUY	3,189,581	OALAND, OYVIND	3,189,356
NATOUR, DALIA	3,181,239	NINH, ANDREW	3,182,383	OBERT, EDOUARD	3,181,123
NATSUSAKO, MASASHI	3,181,246	NIPPON STEEL & SUMITOMO METAL CORPORATION	3,181,486	OCADO INNOVATION	3,181,460
NAU, STEFAN	3,189,384	NIPPON STEEL CORPORATION	3,181,574	LIMITED	3,189,523
NAU, STEFAN	3,181,471	NIPPON STEEL CORPORATION	3,181,582	OCADO INNOVATION	3,189,547
NAVARRO, VICTOR M.	3,181,662	NISSAN CHEMICAL AMERICA CORPORATION	3,180,892	ODEN, ROSS JAY	3,181,912
NEERGAARD, ERIK	3,189,841	NISSAN CHEMICAL AMERICA CORPORATION	3,181,717	OESTER, DEAN A	3,181,596
NEESER, MIRCO	3,181,832	OGATA, NORIO	3,181,063	OFTRAN, YANAY	3,182,383
NEGRI, FABRIZIO	3,189,194	OGAWA, KEIKO	3,181,069	OGAWA, KEIKO	3,181,802
NELBOCK, GUNTER	3,189,575	OGAWA, KEIKO	3,189,389	OGAWA, YUKIHIRO	3,182,622
NELSON, GABRIEL	3,189,036	OGDEN, JR. PETER W.	3,189,391	OGDEN, JR. PETER W.	3,182,631
NELSON, GABRIEL	3,189,559	NISSHINBO HOLDINGS INC.	3,189,389	OGIEN, JONAS	3,189,026
NELSON, GABRIEL	3,189,565	NISSHINBO HOLDINGS INC.	3,189,391	OGIEN, JONAS	3,189,741

Index of PCT Applications Entering the National Phase

OGOHARA, CASSANDRA JEAN	3,181,996	PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA	3,189,343	PETERKIN, STEPHEN	3,180,909
OGUCHI, KEI	3,189,460			PETERKIN, STEPHEN	3,181,027
OHARA, KENTARO	3,189,206			PETERS, FLORIAN	3,181,293
OHHATA, ATSUSHI	3,189,526	PANG, JIEBIN	3,181,703	PETERS, FLORIAN	3,181,297
OJA, STEPHEN	3,181,614	PANG, YUCHENG	3,189,041	PETERSEN, BRENT	3,189,355
OKAMOTO, NAOKI	3,181,905	PANNUCCI, JAMES	3,189,692	PETERSEN, JONAS ODGAARD	3,181,300
OKANO, TSUBASA	3,189,814	PAQUET, CHANTAL	3,186,631	PETERSON, TIMOTHY A.	3,189,066
OLSEN, ROBERT C.	3,189,400	PAQUIN, JEAN	3,181,857	PETROSKI, RICHARD	3,189,031
OLSEN, ULRIK LUND	3,181,654	PARADIGM FLOW SERVICES LIMITED	3,181,864	PETROSKI, RICHARD	3,189,035
ONBOARD DATA, INC.	3,189,849			PETROSKI, RICHARD	3,189,040
ONESUBSEA IP UK LIMITED	3,189,786	PARADIS, MARK	3,189,808	PETROSKI, RICHARD	3,189,044
OPENTV, INC.	3,181,874	PARAGON 28, INC.	3,189,426	PETROSKI, RICHARD	3,189,048
OPP, SILVANA	3,181,141	PARATIAN, JEAN-MICHEL	3,189,281	PETROSKI, RICHARD	3,189,050
ORB INNOVATIONS LTD	3,180,987	PARCQ, JULIEN	3,181,683	PETROSKI, RICHARD	3,189,052
OREKHOV, GREG	3,181,157	PAREMAL, VINOD	3,183,868	PETROSKI, RICHARD	3,189,055
OREN, NINO	3,182,383	PARK, SUNG HOI	3,189,356	PETROSKI, RICHARD	3,189,060
ORF LIFTAEKNI HF.	3,181,306	PARK, YOUNG-JUN	3,181,996	PETROSKY, LYMAN J.	3,181,202
ORIACH FONT, CARLES	3,181,132	PARKER, ADAM	3,189,404	PETTERSSON, MARTIN	
ORLOV, HANAN	3,181,484	PARKER, GENE	3,189,770	YOUNGJIN	3,189,027
ORNA THERAPEUTICS, INC.	3,179,423	PARKER-HANNIFIN CORPORATION	3,180,244	PETUSHKOVA, NATAL'YA	
ORTIZ, EDISON U.	3,189,780			OLEGOVNA	3,181,021
ORVAR, BJORN LARUS	3,181,306	PARKER-HANNIFIN CORPORATION		PETYT, ADRIAN	3,181,614
OSBORN, JEFFREY ROBERT	3,181,163			PEWMAN INNOVATION SPA	3,189,624
OSBORNE, ROBERT	3,189,557	PARKS, STACY	3,181,084	PEYTAVI, REGIS	3,182,081
OSCAR, ARCHER	3,181,487	PARNES, REGEV	3,181,785	PFIZER INC.	3,189,027
OSTERGAARD, SOREN	3,181,958	PARNES, REGEV	3,181,797	PFIZER INC.	3,189,291
OSWALD, DAVID	3,181,226	PASQAL	3,186,834	PFIZER INC.	3,189,378
OTANI, SHINGO	3,189,750	PASSMAN, JOSEPH	3,181,885	PFIZER INC.	3,189,410
OTSUKA PHARMACEUTICAL CO., LTD.		PASTORINO, PAOLO ETTORE	3,189,439	PFIZER INC.	3,189,561
OTSUKA PHARMACEUTICAL FACTORY, INC.	3,181,715	PATEL, DHARMESH	3,181,046	PFIZER INC.	3,189,590
OTSUKA PHARMACEUTICAL FACTORY, INC.	3,189,526	PATEL, MANIT	3,189,802	PFIZER INC.	3,189,632
OTTO, MATTHEW J.	3,181,499	PATERSON, ROBERT	3,180,987	PGS GEOPHYSICAL AS	3,189,422
OTTO, MATTHEW J.	3,181,503	PATHURI, SAI	3,189,782	PHAM, QUYNH	3,181,562
OURA, MOHAMED	3,189,372	PATIL, PANKAJ	3,189,542	PHANSE, VIVEK	3,189,678
OUHDOUCH, YEDIR	3,189,825	PATIL, PANKAJ	3,189,568	PHARES, TIMOTHY W.	3,189,692
OW-WING, KEVIN M.	3,181,818	PATIL, PANKAJ	3,189,573	PHELPS, JACQUELYN NICOLE	3,189,733
OWEN, DAFYDD RHYS	3,189,027	PEACOCK, MARTIN	3,189,291	PHILIP MORRIS PRODUCTS	
OWENS, PAIGE MARY	3,181,256	PEARSON, ERIKA	3,181,290	S.A.	3,181,464
OWENS-BROCKWAY GLASS CONTAINER INC.		PEDAPATI, ERNEST	3,181,260	PHILIP MORRIS PRODUCTS	
OYAMA, NOBUO	3,180,917	PEIFFER, LAURA FLATAUER	3,181,258	S.A.	3,181,494
PACHTER, JONATHAN A.	3,189,785	PELLEGRINI, DANIELE	3,181,640	PHILLIPS, STEPHEN	3,181,065
PACKLINE	3,189,383	PELLEGRINI, STEPHANE	3,189,657	PHIPPS, JONATHAN	3,189,813
PACT PHARMA, INC.	3,172,087	PENG, SHUPING	3,181,733	PHIZACKLEA, ALAN	3,189,056
PADDY, NEIL	3,181,117	PENNINGTON, TARA L.	3,181,727	PHOTON THERAPEUTICS LTD.	3,189,416
PADOY, NICOLAS	3,189,422	PEPIN, PAUL	3,181,704	PHOTONIC INC.	3,189,846
PAIRWISE PLANTS SERVICES, INC.	3,181,667	PEPLOW, MITCHELL ANDREW	3,181,307	PHYLOS BIOSCIENCE, INC.	3,189,202
PAKULSKI, GRZEGORZ	3,189,443	PEPSICO, INC.	3,189,469	PIBRE, GUILLAUME	3,181,270
PALDAVICIUS, DOVYDAS	3,189,836	PEREIRA DA SILVA ZAMITH, CLAUDIO	3,181,437	PIC, ANDREW	3,189,799
PALLADINO, MARCO	3,189,237	PEREIRA, ALINE	3,180,921	PIERSON, GLEN	3,189,564
PALMER, ANDREW	3,185,908	PEREZ DONOSO, JOSE	3,189,409	PIGHIN, DEAN	3,181,073
PAMPENO, CHRISTINE	3,181,126	MANUEL	3,181,206	PINO ALFONSO, PEDRO	
PAN, HONG	3,181,141	PERKOVIC, MARIO	3,189,588	PABLO	3,189,461
PAN, HONGBO	3,181,771	PERLMUTTER, DAVID	3,189,624	PINOTBIO, INC.	3,189,462
PAN, HONGBO	3,189,531	PERRY, MALCOLM	3,181,193	PINSKY, JUSTIN	3,189,782
PAN-MONTOJO, FRANCISCO	3,189,548	PESCHIULLI, ALDO	3,181,829	PIONEER HI-BRED INTERNATIONAL, INC.	3,189,603
	3,189,284	PESCHIULLI, ALDO	3,189,557	PISKORZ, ANNA	3,181,090
		PESCHKE, JOSEPH G.	3,180,903	PIVA, ANDREA	3,189,566
		PETERI, NIELS THEODOOR	3,181,816	PIZZA SPICE PACKET LLC	3,189,637
			3,181,311	PLANT BIOSCIENCE LIMITED	3,181,258
			3,181,887	PLANT, DAVID	3,181,091
				PLASTIKA KRITIS S.A.	3,189,806

Index des demandes PCT entrant en phase nationale

PLEINER, TINO	3,189,739	PROVENZANO, MAURIZIO	3,181,750	REESE, MATTHEW RICHARD	3,189,027
PLUMBLINE LIFE SCIENCES, INC.		PURINOMIA BIOTECH, INC.	3,189,616	REEVE-LARSON, THOMAS	3,189,808
PLUMMER, MACDONALD III	3,181,812	PUROLA, VELI-MATTI	3,188,532	REEVE-LARSON, THOMAS	3,189,813
PODSCHUN, JACOB	3,181,109	PUSHKAREV, VLADIMIR	3,179,237	REFLEXION MEDICAL, INC.	3,189,445
POET RESEARCH, INC.	3,189,043	QI, TAO	3,189,392	REGENERON	
POLLOCK, DAVID	3,189,121	QI, TAO	3,189,393	PHARMACEUTICALS, INC.	3,181,026
PONNALA, SHASHIKANTH	3,189,155	QSC, LLC	3,189,122	REGENERON	
PORTER, CHRISTOPHER	3,189,725	QUESNEL, YANNICK	3,181,732	PHARMACEUTICALS, INC.	
PORTER, JOSEPH J.	3,181,740	QUICK TUBE MEDICAL, LLC	3,181,249	REGGIANI, ALBERTO	3,189,755
POSCO CO., LTD	3,181,680	QUILICI, ALEXANDER E.	3,186,040	REGUEIRA GOMEZ, MARIA	3,181,463
POSSELT, HEINZ	3,189,718	QUINN, THOMAS	3,180,987	ANGELES	3,181,564
POST, STEVEN	3,189,369	QUOOKER INTERNATIONAL		REID, MARY	3,189,461
POSTEL, RUBEN	3,181,075	B.V.		REIMANN, STEFAN	3,181,438
POTENCIA INDUSTRIAL, LLC	3,182,783	R. J. REYNOLDS TOBACCO COMPANY	3,181,122	REINECKE, FRANK	3,181,725
POULIN, BRETT	3,189,412	RABITO, GLEN	3,181,885	REINECKE, FRANK	3,181,737
POULSEN, GREGERS, GJERLEV	3,181,771	RADISSON, JOEL	3,181,126	REKOW, CRAIG	3,181,503
POULSEN, HENNING FRIIS	3,189,288	RAEL, EFREN	3,181,486	REMAUT, HAN	3,189,751
POULTON, MICHAEL T.	3,181,654	RAFIZ, KISHEN	3,181,061	REMEGEN CO., LTD.	3,184,403
POURTABATABAIE, ARYA	3,189,606	RAGHUNATHAN, ROHINI	3,189,678	REN, JIANGTAO	3,181,118
POZSGAI, ERIC	3,189,780	RAHIM, MOHAMED	3,189,836	REN, PEIFENG	3,181,824
PRACA, MIGUEL MARTINHO LOPES	3,189,647	RAI STRATEGIC HOLDINGS, INC.	3,189,115	REN, RUOLAN	3,189,356
PRADHAN, BRAJABANDHU	3,189,678	RAKURTY, CHANDRA SEKHAR		REN, ZIJIA	3,189,527
PRAIRIE AQUA TECH	3,189,751	RAM, YASHESVINI V.	3,181,500	RENTSCHLER, ALEXANDER	3,189,330
PRALJAK, NIKSA	3,181,567	RAMBICHLER, STEPHAN	3,180,927	RESMED SENSOR	
PRAYON	3,181,222	RAMIREZ, MARC DUQUE	3,181,431	TECHNOLOGIES LIMITED	3,181,675
PRECISION PLANTING LLC	3,181,873	RAN, FEI	3,189,595	RESOLVE BIOSCIENCES	
PRECISION PLANTING LLC	3,189,031	RANDLOV, MICHAEL	3,181,824	GMBH	3,181,725
PRECISION PLANTING LLC	3,189,035	RANE, MARK CARLSON	3,181,242	RESOLVE BIOSCIENCES	
PRECISION PLANTING LLC	3,189,040	RANE, MARK CARLSON	3,189,641	GMBH	3,181,737
PRECISION PLANTING LLC	3,189,044	RANGACHARI, SAIRAM	3,189,791	RESONANT LINK, INC.	3,189,370
PRECISION PLANTING LLC	3,189,046	RANGARAMANUJAM, KANNAN	3,181,845	REUNION NEUROSCIENCE CANADA INC.	3,181,092
PRECISION PLANTING LLC	3,189,048	RAO, JUN	3,189,682	REVTERRA CORPORATION	3,181,505
PRECISION PLANTING LLC	3,189,052	RAQUALIA PHARMA INC.	3,181,159	REY, DIEGO ARIEL	3,181,163
PRECISION PLANTING LLC	3,189,055	RAQUALIA PHARMA INC.	3,180,132	REYNBERY, JARED	3,189,202
PRECISION PLANTING LLC	3,189,060	RASHLEY, SHANE T.	3,189,206	REYNOLDS JR, GORDON R.	3,180,975
PRENGAMAN, CHRISTOPHER PAUL	3,180,921	RASMUSSEN, ULRIK NYTOFT	3,180,917	REYNOLDS, OWEN DANIEL	3,181,858
PREOMICS GMBH	3,181,248	RAUNIYAR, NIRAJ PRASAD	3,189,116	REZAI, ALI	3,180,257
PRESIDENT AND FELLOWS OF HARVARD COLLEGE	3,181,824	RAUSCH, PHILLIP J.	3,180,917	REZENDE, CLAUDINEI CALADO	3,189,209
PRESIDENT AND FELLOWS OF HARVARD COLLEGE		RAUSCHER, GILDA	3,189,603	REZVANI, BABAK	3,189,803
PRESIDENT AND FELLOWS OF HARVARD COLLEGE	3,181,861	RAUTIO, KEVIN	3,181,233	RHOADES, LENNIE	3,181,251
PRESIDENT AND FELLOWS OF HARVARD COLLEGE		RAVICHANDRAN, RASHMI	3,181,996	RICCARDI, PAOLO	3,181,463
PRESSLY, ERIC D.	3,189,601	RAWLINSON, ADAM WILLIAM	3,189,056	RICHARDSON, RON	3,181,231
PRETINI, LUCA	3,189,438	RAY, AURELIE	3,189,238	RICHTER, JOHN MARK	3,181,700
PRIER, JAMES CLIFFORD	3,184,171	RAYKOVA, MARIANA PETROVA	3,181,700	RICHTER, RALF	3,181,662
PRIER, JAMES CLIFFORD	3,189,563	RAYMOND, JEFF	3,181,312	RILEY, TIMOTHY	3,189,336
PRIVE, ETIENNE	3,189,633	RAYMOND, SPANKY	3,189,426	RINGUETTE, ANNA E.	3,189,217
PROCHASKA, HEIKE	3,181,280	RAYTHEON COMPANY	3,189,450	RINN, GUNTER	3,189,401
PROGENICS PHARMACEUTICALS, INC	3,189,366	RECKEMEIER, HARTWIG	3,189,398	RIPOLL, MANON	3,189,373
PROK CONVEYOR COMPONENTS PTY LTD	3,189,199	RECKER, ROGER LEE	3,189,421	RIPOLL, MANON	3,189,385
PROKARIUM LIMITED	3,189,541	REDEFINE MEAT LTD.	3,181,876	RIPP, KEVIN G	3,189,603
PROTAGONIST THERAPEUTICS, INC.	3,189,585	REDMANN, WILLIAM	3,181,151	RITCHIE, GORDON	3,181,123
PROTEOR USA, LLC	3,189,432	REDUS, JONATHAN R.	3,181,152	RIZZI, ENRICO	3,181,316
PROTZMAN, BRENT	3,189,770	REE AUTOMOTIVE LTD.	3,181,867	RIZZI, ENRICO	3,181,319
PROTZMAN, BRENT	3,181,235	REED, COREY DAVID	3,181,065	ROBERTS, EIRY	3,181,084
PROTZMAN, BRENT	3,181,269	REED, SUSAN D.	3,181,841	ROBERTS, ERIN G.	3,189,196
		REES, RENATE	3,189,739	ROBINSON, ANTHONY CRAIG	3,189,056
				ROBINSON, GARY	3,180,913
				ROBSON, MITCH	3,180,926
				ROCCIO, ILARIA	3,189,738
				ROCH, JEAN	3,181,268

Index of PCT Applications Entering the National Phase

ROCHHOLZ, HEIKO	3,189,352	RUSSELL, MICHAEL DAVID	SANTIGOSA, ESTER	3,189,083
RODINO-KLAPAC, LOUISE	3,189,647	JR.	SANTINI, MARCO	3,184,205
RODRIGUEZ, RUBEN	3,189,671	RUTHERFORD, JAMES S.	SANTOS MORALES, ORESTES	3,189,461
RODRIGUEZ, RUBEN	3,189,677	RYABYJ, PAVEL	SANTRY, JOSEPH JOHN	3,189,350
ROGACHEVA, ALEXANDRA VASIL'EVNA	3,181,155	VALENTINOVICH	SAPP, JAMISON	3,181,849
ROGAN, ANDREW ROBERT JOHN	3,181,107	RYMARENKO, OLEH	SAPPI NETHERLANDS	
ROGAN, ANDREW ROBERT JOHN	3,181,483	RYTEC CORPORATION	SERVICES B.V.	3,180,920
ROGAN, ANDREW ROBERT JOHN	3,181,865	RYTZ, ANDREAS	SAPREME TECHNOLOGIES	
ROGERS, KYLE EDWARD	3,189,641	RYU, SOOMIN	B.V.	3,182,783
ROGOTZKE, STEVEN HENRY	3,189,067	SAAD, ZIAD	SARDES, AHISHAY	3,181,484
ROGOTZKE, STEVEN HENRY	3,189,072	SAAVEDRA HERNANDEZ,	SAREPTA THERAPEUTICS, INC.	
ROHM GMBH	3,181,471	DANAY	3,189,461	3,189,647
ROHM GMBH	3,181,662	SADLES, ANDREW	SASOL CHEMICALS GMBH	3,181,159
ROMANO, CARMELO	3,189,755	SAES, MARC	SASSON, YEHEZKEL	3,182,383
ROMBOUTS, FREDERIK JAN RITA	3,180,903	SAEZ FERNANDEZ, ALFONSO	SATISFAI HEALTH INC.	3,181,486
ROMBOUTS, FREDERIK JAN RITA	3,181,816	SAFEAI, INC.	SATO, SHINJI	3,189,581
RONGALA, UDAYA	3,181,240	SAGIV-BARFI, IDIT	SAUNDERS, DAVID R.	3,181,679
ROOSEN, DIRK	3,183,868	SAHIN, FIKRETTIN	SAUTER, DIETER-HEINRICH	3,181,293
ROOSENRAAD, CHRISTOPHER	3,181,309	SAHIN, UGUR	SAYERS, BRIAN	3,181,084
ROQUETTE FRERES	3,181,683	SAIDUDDIN, ADEEB	SAYGILI, SAHIN	3,189,746
ROSANSKY, STEPHEN H.	3,180,965	SAINI, HARPREET KAUR	SCANCELL LIMITED	3,189,358
ROSCHEMANN, KONRAD	3,189,747	SAINT-GOBAIN ISOVER	SCHAADT, ACHIM	3,189,372
ROSE, AIDAN	3,189,559	SAITO, TAKU	SCHACHTER, SAGEE	3,181,152
ROSE, AIDAN	3,189,565	SAJADI, BANAFSHEH	SCHACHTNER, THOMAS	3,181,750
ROSE, AIDAN	3,189,612	SAJI, MAYA TREESA	SCHACK, DARCY MARC	3,181,017
ROSE, CHRISTOPHER A.	3,189,615	SAKAI, KENJI	SCHELLENBERGER, UTE	
ROSENFIELD, NITZAN	3,189,557	SAKAI, TAKAMASA	SCHELLING, D.	
ROSENZWEIG-LIPSON, SHARON	3,189,302	SAKILAM, SATISH KUMAR	CHRISTOPHER	3,189,841
ROSIER, ARNAUD	3,181,829	SALAMAT, ASHKAN	SCHENK, STEFAN	3,179,546
ROSS, REBECCA	3,189,661	SALAMAT, ASHKAN	SCHEPONIK, TRAVIS	3,181,309
ROSSIER, JOEL	3,189,778	SALCEDO-MAGGUILLI, MARGARITA	SCHEUBLE, MARTIN ROBERT	3,189,747
ROTH, KRISTIAN DANIEL RALPH	3,181,108	SALGAONKAR, NEHA	SCHEUING, DAVID R.	3,189,448
ROUSE, DAN	3,181,274	SALIGNOSTICS LTD.	SCHLANG, FABIAN	3,189,748
ROWE, STANTON J.	3,181,885	SALK INSTITUTE FOR BIOLOGICAL STUDIES	SCHLEGEL, FABRICE	3,189,226
ROY, CLAUDIE	3,186,631	SALKINTZIS, APOSTOLIS	SCHMIDT, WERNER	3,189,746
ROYAL BANK OF CANADA	3,189,780	SALLETS, ADRIENNE	SCHMITT, SIMONE	3,181,750
RUBIN, RACHAEL	3,189,423	SALTER, MARGARET INEZ	SCHNEIDER, GISBERT	3,181,825
RUCHTE, ELIZABETH	3,189,791	SALVUCCI, EMANUELE	SCHNEIDER, GISBERT	3,181,831
RUCKRIEMEN, JORG	3,181,297	SAMANT, RAJARAM	SCHNEIDER, JARED	3,189,564
RUDD, DAVID	3,181,752	SAMARAS, CHRISTOPHER J.	SCHNEIDER, KAI-THOMAS	3,181,108
RUDOLPH, CHRISTINE	3,184,544	SAMET, DOR	SCHOLLER, MIKEL	3,189,352
RUDOLPH, CHRISTINE	3,184,546	SAMMONS, MATTHEW	SCHOLZ, PAUL	3,189,525
RUDOLPH, MICHAEL J.	3,186,040	FORREST	SCHOONEBEEK, RONALD	
RUFFIN, JR., JOHNNIE RUHE JR., WILLIAM RAYMOND	3,189,356	SAMOREZOV, SERGEY	JAN	3,189,341
RULEY, KEVIN MICHAEL	3,189,296	SAMUEL, AMANDA PATRICE	SCHOUTEN, LAURA	3,181,824
RUNARSDOTTIR, ARNA	3,181,731	SURAJHIE	SCHRAFEL, PETER C.	3,189,605
RUPPERT, ADAM M.	3,181,306	SANDALL, SHARSTI	SCHREIB, KURT	3,189,783
RUPPERT, ADAM M.	3,181,499	SANDE, PEDER RICHARD	SCHROEDER, SCOTT D.	3,181,690
RUSCHIG, MAXIMILIAN	3,181,108	DOUGLAS	SCHUBERT, MAREN	3,181,108
RUSSELL, DAVID WILLIAM	3,189,553	SANDRONE, GIOVANNI	SCHUBERT, MATTHEW	3,189,620
RUSSELL, JEFF	3,189,555	SANDVIK SRP AB	SCHUBERT, PHILLIP	3,189,620
		SANEXEN ENVIRONMENTAL SERVICES INC.	SCHUE, CHARLES	3,181,247
		SANO, YUJI	SCHUEFFLER, PETER	3,181,124
		SANOFI	SCHUHMANN, MICHAEL	3,189,746
		SANOFI	SCHULTZ, WILLIAM ALLEN	
		SANOFI	JR.	3,181,281
		SANOFI	SCHULZ, MARK ALAN	3,181,614
		SANOFI	SCHUMANN, STEFAN	3,183,558
		SANOFI	SCHUNEMANN, JURGEN	3,189,739
		SANOFI	SCHUNK	
		SANOFI PASTEUR	KOHLENSTOFFTECHNIK	
		SANOFI PASTEUR	GMBH	3,189,401
		SANTEN PHARMACEUTICAL CO., LTD.	SCHUSTER, LEON	3,181,850
			3,189,821	

Index des demandes PCT entrant en phase nationale

SCHWADERER, WILLIAM DAVID	3,180,915	SHERMAN + REILLY, INC. SHERWALI, AHMED HAMID EHMIDA	3,181,448 3,180,912	SINHA, DIPEN N. SINICROPI, JOHN SIVAPALASINGAM, SUMATHI	3,181,267 3,181,139 3,181,026
SCHWAHN, UWE	3,184,544	SHI, WEICHAO	3,189,057	SIX, MARCELL	3,181,037
SCHWAHN, UWE	3,184,546	SHI, WEICHAO	3,189,792	SIX, MARCELL	3,181,697
SCOTCHMER, NIGEL	3,180,909	SHI, WEIYANG	3,181,004	SIX, MARCELL	3,181,729
SCOTCHMER, NIGEL	3,181,027	SHI, YULONG	3,189,789	SKALERUD, AMUND	3,181,491
SCOTT, JAMES	3,189,770	SHIH, CHANG-I	3,180,952	SKORIC, JAMES	3,181,091
SCRAFFORD, ROY T.	3,189,546	SHIH, CHUAN	3,181,686	SKOV, LARS KOBBEROE	3,189,083
SEAGEN INC.	3,189,225	SHIKAMA, HIROSHI	3,181,148	SKUSE, DAVID	3,189,813
SEAGEN INC.	3,189,333	SHIKAMA, HIROSHI	3,181,160	SKUSE, DAVID R.	3,189,808
SECURRENCY, INC.	3,189,533	SHIMADA, NAOKO	3,189,553	SKVORTSOV, EVGENY	3,181,700
SEDANO SANTOS, ELENA	3,189,354	SHIMAZAWA, MASAMITSU	3,189,206	SLAB DREAM LAB, LLC	3,181,234
SEGEV, TOMER	3,181,484	SHIN, EUN JUNG	3,189,497	SLACK, JOHN	3,189,635
SEKI, TAKAHICO	3,189,348	SHIPRAH BIOMEDICAL INC.	3,181,313	SLAVIK, MARY ANN	3,181,740
SEKIGUCHI, KAZUKI	3,181,663	SHIRAI, HIROKI	3,189,553	SLEEPY TIE, INC.	3,189,423
SELLERS, MARK A.	3,181,290	SHIRE, DOUGLAS BOURNE	3,189,361	SLEUTEL, MIKE	3,189,751
SELSKABET AF 6. APRIL 2010 APS	3,189,288	SHIRWAN, HAVAL	3,189,070	SLIOZBERG, KIRILL	3,181,310
SEMENOV, ALEXANDER, VYACHESLAVOVICH	3,189,362	SHISHIDO YUJI	3,180,132	SLIOZBERG, KYRYLO	3,181,264
SEMO, JONATHAN	3,189,818	SHKLIAEVA, MARGARITA ALEKSANDROVNA	3,181,288	SLOVENCIK, JEAN-MARC	3,181,429
SENTENAC, THIBAULT	3,181,268	SHOCK DOCTOR, INC.	3,181,216	SLOVIK, RACHELL L.	3,189,400
SEO, DAISUKE	3,189,389	SHOEMAKER, E. DANIEL	3,181,839	SMAGGHE, BENOIT	3,181,655
SEO, DAISUKE	3,189,391	SHOSEYOV, ODED	3,189,570	SMART, MICHAEL	3,180,994
SEON, AURELIA ANNE CATHERINE CHARLOTTE	3,189,083	SHOULDICE, REDMOND EVGENIEVNA	3,181,675	SMART, MICHAEL	3,180,999
SES FOAM, LLC	3,181,739	SHUKLA, JAYKRISHNA A.	3,181,288	SMART, MICHAEL	3,181,067
SETH, KARN	3,181,700	SHUSTOV, ANDREY	3,181,065	SMITH, ALEXANDER J.	3,180,950
SEYFI, AHMAD	3,189,803	SIAU, LOONG YEN JOHANN	3,181,288	SMITH, BYRON	3,181,249
SHAFTO, JAY	3,189,769	SICPA HOLDING SA	3,181,065	SMITH, HARRISON RALEIGH	3,181,826
SHAH, PRIYANK N.	3,189,299	SIEGEL, ALEXANDER	3,181,216	SMITH, JONATHAN	3,182,741
SHAH, SUNIL	3,189,416	SIEGEMUND, UWE	3,181,839	SMITH, KEITH B.	3,189,770
SHANE, CHRISTOPHER	3,189,564	SIEMENS ENEREGY GLOBAL	3,189,570	SMITH, LAURA	3,189,115
SHANG, YAN WU	3,189,616	GMBH & CO. KG	3,189,456	SMITH, LEE	3,189,116
SHANGHAI HENGRIUI PHARMACEUTICAL CO., LTD.	3,189,452	SIEMENS ENERGY GLOBAL GMBH & CO. KG	3,189,466	SMITH, ROGER	3,189,661
SHANGHAI SHIFT ELECTRICS CO., LTD.	3,189,737	SIEMENS HEALTHCARE DIAGNOSTICS INC.	3,189,575	SMITH, ROGER P.	3,180,917
SHAPIRA, GUR	3,181,152	SIEMENS HEALTHCARE DIAGNOSTICS INC.	3,181,510	SMITH, THEODORE	3,181,278
SHARMA, RISHI	3,189,682	SIEMENS HEALTHCARE DIAGNOSTICS INC.	3,181,762	SMITH, TODD JAMES	3,189,350
SHARMA, UPMA	3,181,562	SIGILON THERAPEUTICS, INC.	3,181,809	SMS GROUP GMBH	3,189,365
SHASHANK, PUSHP	3,139,962	SIGNODE INDUSTRIAL GROUP LLC	3,181,510	SMYTHE, MARK LESLIE	3,189,432
SHAYNE, ETHAN	3,189,803	SIGNPATH PHARMA, INC.	3,181,762	SNAZA, WESLEY A.	3,189,117
SHEAR BITS, INC.	3,189,357	SILVA, FRANCIS BERNARD	3,181,809	SNELL, NATHAN R.	3,189,783
SHELKE, SANTOSH GANPAT	3,189,767	SILVERNAIL, CARTER M.	3,181,809	SO, HONG SEOB	3,189,061
SHELL INTERNATIONALE RESEARCH	3,189,341	SILVERNAIL, CARTER MARTIN	3,181,809	SO, YIU MAN (DECEASED)	3,181,720
MAATSCHAPPIJ B.V.	3,189,342	SILVERNAIL, CARTER MARTIN	3,181,640	SOCIETE DE COMMERCIALISATION DES PRODUITS DE LA RECHERCHE APPLIQUEE	
SHELL INTERNATIONALE RESEARCH	3,181,231	SIMMONS, BRIAN	3,189,194	SOCOPRA SCIENCES ET	
MAATSCHAPPIJ B.V.	3,189,520	SIMMONS, PAUL	3,189,374	GENIE S.E.C.	3,186,662
SHELTON, CORY	3,181,296	SIMMONS, STEPHANIE	3,189,815	SOCIETE DES PRODUITS NESTLE S.A.	3,181,714
SHEN, AMY	3,189,614	SIMMONS, TYLER H.	3,181,070	SOCIETE DES PRODUITS NESTLE SA	3,181,624
SHEN, RUI	3,189,403	SIMOES CORREA, THIAGO B.	3,181,256	SOCIETE DES PRODUITS NESTLE SA	3,181,624
SHEN, XILING	3,181,902	SIMONS, JO	3,181,263	SOCIETE DES PRODUITS NESTLE SA	3,181,704
SHEN, YUELEI	3,181,902	SIMPSON, NEIL JOHN	3,181,263	SOCOVAR, SOCIETE EN	
SHEN, ZANCONG	3,181,902	SIMS, LYNNE EILEEN	3,189,849	COMMANDITE	3,181,128
SHENZHEN MICROBT ELECTRONICS TECHNOLOGY CO., LTD.	3,181,301	SIMSEN DIAGNOSTICS AB,	3,189,846	SOFIA, MICHAEL J.	3,181,580
SHENZHEN SMOORE TECHNOLOGY LIMITED	3,189,793	SINGH, GUNDEEP	3,189,079	SOFIA, MICHAEL J.	3,181,590
			3,180,724	SOGA, SHINJI	3,189,553
			3,180,920	SOHN, SUE J.	3,189,113
			3,181,719	SOKOLOVA, EVGENIIA O.	3,181,853
			3,189,603	SOLA, SRIKANTH	3,181,245
			3,181,835		
			3,181,222		

Index of PCT Applications Entering the National Phase

SOLOV'EV, EVGENIJ GEORGIEVICH	3,181,021	STICHTING RADBOUD UNIVERSITAIR MEDISCH CENTRUM	3,181,469	T-MOBILE USA, INC. T-ONE THERAPEUTICS S.R.L.	3,189,596 3,189,129
SOMMER, BURKHARD	3,189,786	STICHTING RADBOUD	3,181,283	T., RAJENDRA PRASAD	3,180,941
SOMMERFELD, MARK	3,184,544	UNIVERSITEIT	3,181,084	TAE TECHNOLOGIES, INC.	3,181,710
SOMMERFELD, MARK	3,184,546	STIRN, SCOTT	3,181,126	TAE TECHNOLOGIES, INC.	3,181,853
SONG, JUN	3,189,523	STIRN, SCOTT	3,181,452	TAFT, ROBERT C.	3,181,866
SONG, KYUNG-JOO	3,181,812	STOHL, MICHELLE	3,181,281	TAHERI, SHAHAB	3,189,356
SONVEAUX, MARC	3,181,873	STONE, JEREMY LEE	3,181,233	TAIHO PHARMACEUTICAL CO., LTD.	3,189,457
SOONTRAVANICH, SUKHWAN	3,181,256	STONE, MATTHEW T.	3,181,283	TAIHO PHARMACEUTICAL CO., LTD.	3,189,460
SORBARA, JOSE-OTAVIO	3,189,083	STORKEBAUM, ERIK JAN	3,181,901	TAIKO PHARMACEUTICAL CO., LTD.	3,181,802
SORDILLO, PETER P.	3,189,374	MARTHE	3,181,429	TAKADDUS, AHMED TASNUB	3,181,287
SOTO-ORTEGA, DEBORAH	3,189,636	STORM, HANNE	3,189,355	TAKAHASHI, HIRONOBU	3,189,389
SOULIER, ANNELISE	3,189,585	STOROPACK HANS	3,181,809	TAKAHASHI, MASATO	3,182,622
SOURCE TO SITE ACCESSORIES LIMITED	3,180,925	REICHENECKER GMBH	3,182,383	TAKAHASHI, MASATO	3,182,631
SOUTHWELL, JOHN EDMOND	3,181,063	STOUT, MARK	3,181,502	TAKAHASHI, RYO	3,182,622
SOUTHWELL, JOHN EDMOND	3,181,069	STRADINGER, JON	3,181,839	TAKAHASHI, RYO	3,182,631
SPAIN, JAMES WILLIAM	3,189,056	STRAJBL, MAREK	3,181,300	TAKASAKI, AYATO	3,189,583
SPECTOR, PETER S.	3,189,800	STRAYER, DAVID R.	3,181,958	TAKATANI, SHINSUKE	3,180,892
SPIELBAUER, KRISTEN ANN	3,181,912	STRELE, THOMAS	3,189,342	TAKATANI, SHINSUKE	3,181,574
SPITERI, ALEXANDER	3,179,546	STROMGAARD, KRISTIAN	3,181,229	TAKATANI, SHINSUKE	3,181,582
SPORS, SEAN	3,181,736	STRUNK, JENS	3,181,260	TAKATANI, SHINSUKE	3,181,717
SPRUCE BIOSCIENCES, INC.	3,188,730	STRYKER CORPORATION	3,189,234	TAKEDA, KAZUTOSHI	3,180,892
SRB, JOSEF	3,185,220	STRYKER CORPORATION	3,181,822	TAKEDA, KAZUTOSHI	3,181,574
SRINIVASA, CHRISTOPHER COTE	3,189,780	STUART, JOHN	3,189,410	TAKEDA, KAZUTOSHI	3,181,582
SSI SCHAFFER PLASTICS GMBH	3,189,797	STUMMANN, MAGNUS	3,189,856	TAKEDA, KAZUTOSHI	3,181,717
STABACH, PAUL	3,181,572	ZINGLER	3,189,857	TAKIZAWA, HIROYUKI	3,189,389
STAGLIONE, ANTONELLA	3,181,141	STUPPLE, PAUL ANTHONY	3,181,055	TAKIZAWA, HIROYUKI	3,189,391
STAHL, ELI A.	3,189,755	STURGIS, DAVID ARTHUR	3,188,835	TAMBY, JEAN-FRANCOIS	3,180,943
STAHL, MY LY LAO	3,181,464	STURM, PATRICK	3,189,527	TAMSHE, AMIR	3,172,087
STAHLBERG, ANDERS	3,181,835	STUSCH, MICHAEL	3,189,689	TAN, HONGSING	3,189,776
STAL, ALEXANDER GEORGE	3,189,080	SU, HONGSHENG	3,189,625	TAN, LI	3,181,254
STANDISH, SHARON	3,189,356	SUBLIME SYSTEMS, INC.	3,181,024	TANAKA, ICHIRO	3,181,824
STANFIELD, JAMES RICHARD	3,189,118	SUBRAMANIAN, ADITYA	3,181,785	TANAKA, ICHIRO	3,180,892
STANHOPE, WILLIAM	3,189,116	SUCUNZA GUIBERT, DIEGO	3,189,765	TANAKA, ICHIRO	3,181,574
STANKARD, PHILIP	3,189,066	SUEZ, GAL	3,181,797	TANAKA, ICHIRO	3,181,582
STARCK, CALLUM	3,189,057	SUGARU, EIJI	3,189,206	TANAKA, ICHIRO	3,181,717
STARCK, CALLUM	3,189,792	SUKAWA, TORU	3,181,888	TANAKA, ISAO	3,189,294
STARKEY, KEVIN R.	3,189,534	SULLIVAN, DERMOT	3,189,547	TANAKA, ISAO	3,189,295
STARKEY, KEVIN R.	3,189,544	SUMANDEA, MARIUS P.	3,180,943	TANAKA, SAKAE	3,189,744
STARZL, RAVI S. V.	3,181,274	SUN, WEI-TING	3,181,192	TANAKA, TAKAYOSHI	3,180,951
STARZL, TIMOTHY W.	3,181,274	SUN, XUAN	3,189,611	TATA CONSUMER PRODUCTS GB LIMITED	3,180,913
STARZMAN, MICHAEL J.	3,181,311	SUNCOAL INDUSTRIES	3,189,477	TAVERNER, ALISTAIR	3,181,868
STATS, JASON R.	3,189,845	GMBH	3,189,854	TAXER, WALTRAUD	3,189,739
STECK, ALEXANDER	3,181,264	SUNDEBACK, TOMMY	3,189,537	TAYLOR, GRAEME	3,181,084
STECK, ALEXANDER	3,181,310	SUNG, JEAN C.	3,189,537	TAYLOR, JAMES H. JR.	3,181,281
STEGMANN, KIM MAREN	3,189,739	SURGE THERAPEUTICS, INC.	3,189,537	TAYLOR, JON B.	3,189,733
STEIGERWALD, ROBIN	3,181,431	SURGUCHEV, LEONID	3,189,760	TEALE, DAVID W.	3,181,281
STEIN, AARON	3,189,370	MIKHAILOVICH	3,189,810	TEC AUSTRIA GMBH	3,181,105
STEIN, ALAN	3,181,867	SURGUCHEVA, ANNA	3,181,826	TECHNISCHE UNIVERSITAT MUNCHEN	3,181,741
STEINBRUNNER, COLE T.	3,181,503	LEONIDOVNA	3,189,792	TECHTRONIC CORDLESS GP	3,189,625
STEINER, KEVIN LEE	3,181,876	SUZUKI, NANA	3,181,295	TEDESCHI, PHILIP MICHAEL	3,189,410
STEINER, ROBERT A.	3,189,841	SUZUKI, TADAO	3,189,777	TEICHMANN, JULIAN	3,183,558
STEINK, STEPHAN	3,181,108	SWANDO, DANIEL ROMAN	3,186,662	TEICHMANN, ULRIKE	3,189,739
STEINKUHLER, CHRISTIAN	3,189,738	SWEET, LEON MALCOLM	3,189,280	TEIJIN PHARMA LIMITED	3,189,029
STENNER, PATRIK	3,183,558	SWISSTO12 SA	3,186,662		
STEPANOV, ARSEN	3,181,244	SWM LUXEMBOURG	3,186,662		
STEPHAN, ANETT	3,189,366	SYLVESTRE, JULIEN	3,181,297		
STEVENAZZI, ANDREA	3,189,738	SYSTEC & SOLUTIONS GMBH			
STEWART, LANCE JOSEPH	3,181,996	SYSTEMEX ENERGIES INC.			
		SZEGVARI, PIOTR			

Index des demandes PCT entrant en phase nationale

TEIKA PHARMACEUTICAL CO., LTD.	3,181,905	THE PROTEIN BREWERY B.V.	3,181,847	TOUTOV, ALEXANDRE	3,181,094
TEIXEIRA VARGAS, RENATO	3,181,206	THE SYDNEY CHILDREN'S HOSPITAL NETWORK	3,181,833	TOUTOV, ALEXANDRE	3,181,630
TEMPLE, KAYLA J.	3,189,217	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	3,181,292	TOY, GREGORY K.	3,189,450
TENEOBIO, INC.	3,189,297	THE UNITED STATES AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS	3,189,361	TOYAMA PREFECTURAL UNIVERSITY	3,181,905
TENG, JING	3,181,665	THE UNITED STATES AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS	3,181,868	TOZZI, PIERLUIGI	3,185,908
TENG, JING	3,181,722	THE UNIVERSITY OF BATH	3,188,327	TRACE ORTHOPEDICS, LLC	3,181,098
TENK GENOMICS, INC.	3,181,004	THE UNIVERSITY OF BIRMINGHAM	3,189,744	TRAN, DAVID D.	3,189,196
TERP, MEGAN	3,181,033	THE UNIVERSITY OF TOKYO	3,189,545	TRAN, LAM N.	3,181,614
TERUI, FUMIHIKO	3,181,663	THE UNIVERSITY OF WESTERN AUSTRALIA	3,181,702	TRAN, TONI CORINNE	3,181,448
TGW LOGISTICS GROUP GMBH	3,189,824	THE YOKOHAMA RUBBER CO., LTD.	3,185,220	TRAN, TRI D.	3,189,224
THAI, LINDA	3,181,885	THEISSEN, OLAF	3,189,467	TRANSGENE	3,189,238
THATCHER, SHAWN	3,189,779	THEVERAPPERUMA, LALIN	3,188,532	TRASSL, CHRISTIAN	3,183,868
THE BOARD OF REGENTS OF THE NEVADA SYSTEM OF HIGHER EDUCATION ON BEHALF OF THE UNIVERSITY OF NEVADA, LAS VEGAS	3,189,726	THIERIE, FILIP	3,189,771	TREON, STEVEN P.	3,181,254
THE BOARD OF REGENTS OF THE NEVADA SYSTEM OF HIGHER EDUCATION ON BEHALF OF THE UNIVERSITY OF NEVADA, LAS VEGAS	3,189,728	THIEU, THO V.	3,189,219	TREPP, ETHAN	3,189,066
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	3,189,834	THIJSSEN, STEPHAN	3,189,330	TRIANA-BALTZER, GALLEN	3,189,577
THE BROAD INSTITUTE, INC.	3,182,741	THOMPSON, LEE	3,189,057	TRINKLEIN, NATHAN	3,189,297
THE BROASTER COMPANY	3,181,736	THOMPSON, MATTHEW	3,189,792	TRIPLET THERAPEUTICS, INC.	3,180,981
THE CLEVELAND CLINIC FOUNDATION	3,180,928	THOMPSON, ROBERT LYLE	3,181,234	TROLL, MORITZ	3,189,057
THE CLOROX COMPANY	3,189,411	THOMSON, ASHLEY	3,181,864	TROLL, MORITZ	3,189,792
THE CLOROX COMPANY	3,189,448	THOMSON, CAMERON	3,181,437	TROMBATORE, GIUSEPPE	3,181,059
THE EIGHTH NOTCH INC.	3,181,849	THORNLEY, KYLE G.	3,189,733	TRON - TRANSLATIONALE	
THE GENERAL HOSPITAL CORPORATION - DBA MASS GENERAL HOSPITAL	3,180,928	THORNTON, CHARLES A.	3,181,680	ONKOLOGIE AN DER UNIVERSITATSMEDIZIN DER JOHANNES GUTENBERG-	
THE GENERAL HOSPITAL CORPORATION	3,189,411	THOTA, MADHU SANDEEP	3,181,260	UNIVERSITAT MAINZ	
THE LUBRIZOL CORPORATION	3,189,448	TIAN, WENBO	3,181,301	GEMEINNUTZIGE GMBH	3,181,193
THE LUBRIZOL CORPORATION	3,181,849	TIAN, XIAO	3,189,776	TRONINA, TOMASZ	3,180,908
THE M.K. MORSE COMPANY	3,181,081	TIEU, KINH	3,180,994	TROTSENBURG, DAVE	3,180,918
THE MATERIA COMPANY LIMITED	3,181,500	TIEU, KINH	3,180,999	TROUT, JONATHAN D.	3,189,599
THE MATERIA COMPANY LIMITED	3,181,461	TIEU, KINH	3,181,067	TRUJILLO, MAURICIO	3,181,221
THE NOCO COMPANY	3,181,475	TIMOFTE, ANCA ELENA	3,179,546	TSAI, SHIH-CHONG	3,181,192
THE PROCTER & GAMBLE COMPANY	3,189,118	TINDALL, AARON	3,181,007	TSE, WINSTON C.	3,181,690
THE PROCTER & GAMBLE COMPANY	3,181,221	TIRON, ROXANA	3,181,675	TSOU, LUN KELVIN	3,181,686
THE PROCTER & GAMBLE COMPANY	3,181,296	TK HOME SOLUTIONS B.V.	3,180,918	TSUKADA, RITSUKO	3,189,760
THE PROCTER & GAMBLE COMPANY	3,181,308	TKATCHENKO, ANDREI V.	3,181,292	TSUMURA, NORIMICHI	3,182,622
THE PROCTER & GAMBLE COMPANY	3,189,776	TKATCHENKO, TATIANA V.	3,181,292	TSUMURA, NORIMICHI	3,182,631
THE PROCTER & GAMBLE COMPANY	3,189,856	TOBIN, TAYLOR CECILIA	3,189,733	TUCKMANTEL, TOBIAS	3,181,055
THE PROCTER & GAMBLE COMPANY	3,189,857	TOEWS, MATTHEW	3,189,788	TUFAIL, YUSUF	3,189,595
		TONLINSON, SCOTT	3,189,546	TUNUGUNTLA, RAMYA H.	3,181,117
		TOMOTA, YOHKO	3,181,076	TURETTA, MATTEO	3,189,058
		TOMRA SORTING GMBH	3,181,055	TURNER, KENNETH	3,181,026
		TOMRA SORTING GMBH	3,181,095	TURNER, PAUL	3,189,547
		TONYAZZOPARDI HOLDINGS, LLC	3,189,417	TURRECHA, THOR	3,181,068
		TOP INTELLECTUAL PROPERTY PTY LTD	3,181,819	TUTTLE, JAMISON BRYCE	3,189,027
		TOPSOE A/S	3,180,975	TWITO, OSHRAT SHIR	3,182,383
		TOPSOE A/S	3,181,275	TYHONAS, JOHN	3,181,162
		TOPSOE A/S	3,181,822	TYHONAS, JOHN	3,181,209
		TORAY INDUSTRIES, INC.	3,189,814	TYLER, DUSTIN J.	3,189,361
		TORCHIA, JAMES	3,189,732	TZIZIK-SWANSON,	
		TORRES, GABRIEL	3,181,139	NATHANIEL R.	3,181,117
		TOTAL RAFFINAGE CHIMIE	3,183,493	UCB BIOPHARMA SRL	3,181,024
		TOURNAVITI, STYLIANI	3,189,520	UEDA JAPAN RADIO CO., LTD.	3,189,389
		TOURNIER, GLENN	3,189,803	UEDA JAPAN RADIO CO., LTD.	
		TOUTOV, ALEXANDRE	3,181,086	UJIIE, SATOSHI	3,189,814
				UMANZOR, RODRIGO	3,181,740

Index of PCT Applications Entering the National Phase

UNICELL LIMITED	3,189,468	VAMIX N.V.	3,181,616	VOGAN, JACOB MICHAEL	3,181,733
UNILEVER GLOBAL IP LIMITED	3,181,110	VAN ARK, EMILY MARY	3,181,163	VOGELI, BASTIAN	3,181,996
UNILEVER GLOBAL IP LIMITED	3,181,113	VAN DER MEULEN, ROEL	3,181,616	VOITH PATENT GMBH	3,181,430
UNILEVER IP HOLDINGS B.V.	3,181,892	VAN DER STEEN, FRANCISCUS		VON COSMOS, NICOLAS	3,181,912
UNIVERSAL CITY STUDIOS LLC	3,181,826	THEODORUS HENRICUS JOHANNES	3,189,736	VOORMANN, HAUKE	3,189,401
UNIVERSAL CITY STUDIOS LLC	3,181,832	VAN HAPPEN, FRANK	3,189,736	VORONENKO, YEVGEN	3,189,445
UNIVERSAL HYDROGEN CO.	3,189,444	VAN ROSSUM, GUUS	3,189,341	VRIJE UNIVERSITEIT	
UNIVERSITA CATTOLICA DEL SACRO CUORE	3,181,667	VAN THOLEN, PATRICK R.	3,189,400	BRUSSEL	3,189,751
UNIVERSITA' DEGLI STUDI DI UDINE	3,189,058	VANA, TAL	3,182,383	VTV THERAPEUTICS LLC	3,181,665
UNIVERSITAT BERN	3,181,750	VANARSDALE, TODD LEE	3,189,632	VTV THERAPEUTICS LLC	3,181,722
UNIVERSITAT ZURICH	3,181,750	VANDERBILT UNIVERSITY	3,189,217	VUAGNIAUX, DIDIER	3,181,714
UNIVERSITAT ZURICH PROREKTORAT MNW	3,181,831	VANKEMMELBEKE, MIREILLE	3,189,358	W. L. GORE & ASSOCIATES, INC.	3,181,695
UNIVERSITE CLAUDE BERNARD LYON 1	3,181,825	VARTA MICROBATTERY GMBH	3,189,521	WACHTEL, ANTHONY	3,189,417
UNIVERSITE D'AIX MARSEILLE	3,181,071	VASSALLO, DARREL	3,181,290	WADE, JAMES LEE	3,181,733
UNIVERSITE DE LORRAINE	3,182,323	VAZQUEZ-CANTELI, JOSE R.	3,189,849	WAGNER, OLIVER	3,189,747
UNIVERSITE DE STRASBOURG	3,181,469	VEESLER, DAVID	3,181,996	WAGNER, VOLKER	3,181,062
UNIVERSITY OF COPENHAGEN	3,181,667	VEITHEN, ALEX	3,181,732	WAGSTAFF, ROBERT BRUCE	3,189,638
UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.	3,181,958	VEKSELMAN, VLADISLAV	3,181,710	WAHLSTROM, JAN	3,188,532
UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC.	3,181,878	VEKSELMAN, VLADISLAV	3,181,866	WAIGHT, ANDREW	3,189,225
UNIVERSITY OF MANITOBA	3,189,070	VELAYUTHAM, KARTHIKEYAN	3,181,897	WALCZAK, ROBERT	3,181,689
UNIVERSITY OF ROCHESTER	3,189,064	VELEZ, CHRISTOPHER A.	3,189,450	WALK, CARRIE LOUISE	3,189,083
UNIVERSITY OF ROCHESTER	3,181,680	VELTER, ADRIANA-INGRID	3,180,903	WALKER, BRIAN	3,181,247
UNIVERSITY OF ROCHESTER	3,189,726	VELTER, ADRIANA-INGRID	3,181,816	WALKER, LUKE	3,189,333
UNIVERSITY OF WASHINGTON	3,189,728	VENKATA GOPALAN, YOGESH	3,181,235	WALLER, THOMAS	3,189,350
UNIVERSITY OF WASHINGTON	3,181,996	VENKATA GOPALAN, YOGESH	3,181,269	MCCARTHY	3,181,811
UPL CORPORATION LIMITED	3,189,841	VENNE, STEPHANE	3,181,857	WALLIS, STEPHANIE	3,181,996
UPL DO BRASIL INDUSTRIA E COMERCIO DE INSUMOS AGROPECUARIOS S.A.	3,189,543	VERASTEM, INC.	3,189,383	WALLS, ALEXANDRA C.	3,189,564
UPL LIMITED	3,189,767	VERDINGOVAS, VADIMAS	3,189,757	WALSER, JOCHEN	
UPSIDE FOODS, INC.	3,189,608	VERDUIJN, GERT-JAN	3,180,918	WALTHERS, CHRISTOPHER	
US METALS REFINING GROUP, INC.	3,180,942	VERGANI, BARBARA	3,189,738	M.	3,189,117
VACCARINO, JAMES CARL	3,181,137	VERHOEVEN, ROMANUS		WANG, BIN	3,189,232
VACCINEX, INC.	3,181,833	EDUARD		WANG, JIANJUN	3,181,876
VACCINEX, INC.	3,181,985	VERMAAS, ARIE		WANG, JINHUA	3,181,254
VAFA, OMID	3,189,297	VERSAILLES, PHILIPPE		WANG, JORDON K.	3,181,077
VAIDYA, RUTVIK	3,181,139	VESELOVA, ANNA		WANG, LILI	3,184,403
VALENTINE, ALEX P.	3,189,535	SERGEEVNA		WANG, LIN	3,181,113
VALENTINE, CHARLES	3,181,739	VESIGEN INC.		WANG, LING	3,184,403
VALENZUELA, FRANCISCO A.	3,181,731	VESKOVIC, DRAGAN		WANG, LIPING	3,189,392
VALERI, ROBERT	3,180,936	VETAGRO INTERNATIONAL S.R.L.		WANG, LIPING	3,189,393
VALERO VALERO, DAVID	3,181,564	VIASAT INC.		WANG, PING	3,189,769
VALHAM, DAVID	3,181,477	VIB VZW		WANG, SHENGLE	3,181,705
VALLERO, ROBERTO	3,189,347	VICKERY, ANTHONY D.		WANG, SHUYA	3,189,527
VALMET AB	3,189,063	VIDAL, GUILLAUME		WANG, WENYI	3,181,013
		VIDALIS, MATTHAIOS		WANG, XIAOLING	3,189,221
		VIDALIS, MATTHAIOS		WANG, XIAOLING	3,189,346
		VICKLAREK, JAROMIR		WANG, XIAOXU	3,181,660
		VIDARSSON, HILMAR		WANG, YALI	3,189,527
		VIDON JUNIOR, WALTER		WANG, YANBIN	3,181,118
		VILLELLA, JULIAN		WANG, YINGJUE	3,189,631
		VIND, JESPER		WANG, YUNGUI	3,181,314
		VINKLAREK, JAROMIR		WARD, MATTHEW L.	3,189,605
		VINTILA, IUSTINA-MIRUNA		WARLAND, JANE	3,181,313
		VIRANT, ROBERT		WASHINGTON STATE	
		VISION DIAGNOSTICS, INC.		UNIVERSITY	3,189,413
		VISSCHER, PETER DEREK		WASHINGTON, UNIVERSITY	3,181,996
		VITIPRINTS, LLC		WATANABE, KEITH	3,180,924
		VOELCKER, NICOLAS HANS	3,181,752	WATANABE, RYOHEI	3,189,583

Index des demandes PCT entrant en phase nationale

WATANABE, SHUZO	3,189,206	WINDEBANK, MARK	3,189,808	YAN, ZHEN	3,189,452
WATKINS, TIM M.	3,181,498	WINECKI, SLAWOMIR	3,180,965	YANG, CHEN	3,180,930
WATSON, GRAEME	3,189,466	WISMANN, SEBASTIAN THOR	3,181,275	YANG, CHUN	3,180,943
WATSON, JOHN	3,181,309	WISS, VERONIQUE	3,181,289	YANG, FANG	3,184,403
WATTS, JOSEPH MATTHEW	3,189,443	WISSEMBORSKI, RUDIGER	3,189,352	YANG, GUANG	3,181,254
WAWRALA, ANDREAS	3,189,088	WITTMANN, TOBIAS	3,189,043	YANG, QINGLIANG	3,181,660
WAYMOUTH, ROBERT M.	3,189,834	WITZEL, SONJA	3,181,193	YANG, QINGYI	3,189,027
WD-40 MANUFACTURING COMPANY	3,181,311	WOJCIECHOWSKI, SARA	3,189,523	YANG, XUN	3,189,787
WEATHERFORD TECHNOLOGY HOLDINGS LLC	3,181,281	WOLF, DAVID	3,181,033	YANG, YI	3,181,808
WEBB, BUCKNELL	3,181,649	WOLF, JESPER MADSEN	3,181,242	YANG, ZHEN	3,189,529
WEBER, MARCEL	3,181,750	WOLF, THOMAS	3,189,747	YANG, ZUOXING	3,181,301
WEBER-STEPHEN PRODUCTS LLC	3,181,450	WOLSKA-PIETKIEWICZ, MALGORZATA	3,189,062	YAO, TIANYI	3,189,631
WEBER-STEPHEN PRODUCTS LLC	3,181,452	WONG, ANDY	3,189,196	YAP, JASON	3,189,559
WEHNER, MATTHIAS	3,189,421	WONG, CHI-HUEY	3,189,465	YAP, JASON	3,189,565
WEI, MIN	3,189,548	WONG, CHUNG HUAN	3,181,721	YAP, JASON	3,189,612
WEI, WIN-YIN	3,181,192	WONG, ERIC	3,189,116	YARLAGADDA, DIG VIJAY	3,189,615
WEIBEL, LEA	3,181,841	WONG, VIVIEN	3,189,199	KUMAR	3,181,124
WEIBEL, LEA	3,181,856	WOOD, SEAN ULRICH NIETHE	3,189,850	YAU, JENG-BANG	3,181,649
WEIDMULLER MONITORING SYSTEMS GMBH	3,181,438	WOODARD, RICHARD	3,189,784	YDERSTROM, FREDRIK	3,189,773
WEIL, SCOTT	3,180,917	WOOLFREY, PETER JOHN	3,189,115	YE, HANGBO	3,181,660
WEISBRUCH, ERIC BERNARD	3,181,876	WRAY, EVAN MICHAEL	3,181,253	YE, RIPING	3,181,660
WENDER, PAUL	3,189,834	WRIGHT, CRAIG WILLIAM	3,180,900	YEDINAK, GREGORY S.	3,181,117
WENZER TREVIZAN, DANIEL	3,181,206	WRIGLEY, JASON STEWART	3,181,700	YEH, CINDY	3,189,523
WERNER, BRIAN	3,189,770	WU, CHEN MING	3,189,034	YEH, LITAIN	3,181,902
WESSELHOEFT, ROBERT ALEXANDER	3,179,423	WU, CHENGDE	3,181,102	YEHYA, HANEEN Y.	3,189,540
WEST VIRGINIA UNIVERSITY BOARD OF GOVERNORS ON BEHALF OF WEST VIRGINIA UNIVERSITY	3,180,257	WU, KEJIA	3,181,120	YETI COOLERS, LLC	3,189,641
WEST, BRIAN	3,180,900	WU, LEI	3,181,996	YETI COOLERS, LLC	3,189,791
WESTERBERG, TINA	3,181,477	WU, QISHENG	3,189,590	YI, SHANGCHUN	3,181,113
WESTINGHOUSE ELECTRIC COMPANY LLC	3,181,202	WU, YUE	3,181,159	YIP, SHUET MING	3,189,520
WESTROCK MWV, LLC	3,181,703	WURZBACHER, JAN ANDRE	3,181,139	YISSUM RESEARCH	
WHEADON, CRAIG	3,189,404	WYANT, TIMOTHY	3,179,546	DEVELOPMENT	
WHEELOCK, IAN	3,181,480	WYKES, JR. DAVID L.	3,182,383	COMPANY OF THE	
WHITE, JASON	3,189,411	WYKES, JR., DAVID L.	3,181,079	HEBREW UNIVERSITY OF	
WHITEHOUSE, JONATHON	3,189,404	XIA, BINGYIN	3,181,238	THE JERU	3,189,570
WHITFIELD, ANDREW H.	3,189,554	XIA, YANG	3,189,629	YOLCU, ESMA S.	3,189,070
WHITLOCK, GAVIN	3,181,909	XIAO, JUNJIE	3,189,629	YOO, JAMES HOON	3,189,356
WHITTINGTON, BRYAN	3,189,523	XIONG, HUI	3,189,232	YOUK, GEUN-YOUNG	3,181,812
WIATZ, VINCENT	3,181,683	XIONG, KUN	3,181,307	YOUNG, DIANE L.	3,186,040
WIECHULA, STEFAN	3,189,523	XU, BO	3,189,793	YOUNG, DIAHNE	3,181,502
WIERSE, RALF	3,189,786	XU, CHONGJUN	3,181,731	YU, CHENG-CHOU	3,181,192
WIKSTROM, TODD	3,189,637	XU, DAN	3,181,263	YU, HAO CHEN	3,189,444
WILCOX, KURT S.	3,189,783	XU, GUOZHANG	3,181,113	YU, JIAN	3,189,571
WILEY, CHRISTOPHER D.	3,181,134	XU, WENJIA	3,189,769	YU, TAO	3,181,120
WILKENS, DAVE	3,189,555	XU, YIFANG	3,189,776	YUAN, ZHONGZHI	3,181,237
WILKINSON, PAUL MICHAEL	3,189,563	XU, ZHENWU	3,189,771	YUN, SUNG JIN	3,172,087
WILKINSON, PAUL MICHAEL	3,189,633	YAARI, AMIT	3,181,023	YUN, TAE KYUNG	3,172,087
WILLERICH, IMMANUEL	3,189,747	YACOUB, TYRONE JACOB	3,189,402	ZABEL, MATTHEW TYLER	3,189,066
WILLIAMS, JUSTIN N.	3,180,927	YAHNKE, MARK STEPHEN	3,181,660	ZACHARIAH, MANION	3,139,962
WILLIAMS, LUKE CHRISTOPHER	3,180,923	YAHNKE, MARK STEPHEN	3,181,572	ZADEMACK, DIRK	3,188,835
WILLIAMSON, SIMEON	3,181,107	YALE UNIVERSITY	3,180,132	ZANTOS, GEORGE	3,181,762
WILLIAMSON, SIMEON	3,181,483	YAMAGISHI TATSUYA	3,189,343	ZAUDERER, MAURICE	3,181,833
WILTSEY, CRAIG	3,181,562	YAMAMOTO, TETSUYA	3,189,457	ZAWADZKI, MICHAEL	
		YAMANAKA, HIROYOSHI	3,180,931	ANDREW	3,181,912
		YAMANE, JUD J.	3,181,858	ZEDIKER, MARK	3,181,706
		YAMASHITA, HIROMICHI	3,181,572	ZEHNDER GROUP	
		YAN, RONGZI	3,189,343	INTERNATIONAL AG	3,181,879
		YAN, SHUNQI	3,189,457	ZEHNDER GROUP	3,181,883
			3,180,931	INTERNATIONAL AG	3,181,889
			3,181,902	ZELESKY, TODD	
			3,181,902	CHRISTOPHER	3,189,561

Index of PCT Applications Entering the National Phase

ZELLHUBER, MATHIEU	3,189,369	ZTE CORPORATION	3,189,392
ZERBE, OLIVER	3,181,825	ZTE CORPORATION	3,189,393
ZERBE, OLIVER	3,181,831	ZTE CORPORATION	3,189,529
ZERHUSEN, JADEN SCOTT	3,181,221	ZURCHER, SAMUEL	3,181,841
ZESTT WELLNESS LIMITED	3,181,017	ZURCHER, SAMUEL	3,181,856
Zhai, Hengxiao	3,189,083	ZUREK, CHRISTIAN	3,189,525
Zhang, Eric	3,181,649	ZVIRIN, TZVI	3,189,570
Zhang, Hanje	3,189,219	ZWICKER, KIRK	3,181,247
Zhang, Jennifer R.	3,181,690		
Zhang, Jie	3,189,432		
Zhang, Jimin	3,181,285		
Zhang, Jing	3,189,037		
Zhang, Jinwen	3,189,413		
Zhang, Li	3,181,101		
Zhang, Lingli	3,181,660		
Zhang, Nan	3,189,529		
Zhang, Qian	3,189,083		
Zhang, Qinbin	3,184,403		
Zhang, Shirong	3,181,824		
Zhang, Xiang	3,189,561		
Zhang, Xiaoping	3,181,084		
Zhang, Xiaoping	3,184,403		
Zhang, Xiuzhen	3,181,660		
Zhang, Ying	3,189,725		
Zhao, Evan M.	3,181,824		
Zhao, Gengxiang	3,181,660		
Zhao, Pu	3,181,296		
Zhao, Robert	3,181,660		
Zhao, Wei	3,189,769		
Zheng, Dunmin	3,189,428		
Zheng, Jun	3,181,660		
Zheng, Wei	3,181,660		
Zheng, Xiaozhang	3,180,944		
Zheng, Yunxia	3,181,660		
Zhenin, Michael	3,182,383		
Zhong, Wenyang	3,189,410		
Zhou, Bei	3,189,402		
Zhou, Hong Mimi	3,189,293		
Zhou, Hong Mimi	3,189,562		
Zhou, Hongming	3,189,793		
Zhou, Luming	3,181,985		
Zhou, Rongrong	3,139,962		
Zhou, Tingting	3,189,527		
Zhou, Yali	3,181,118		
Zhou, Zhe	3,189,531		
Zhou, Zhe	3,189,548		
Zhu, Hao	3,189,392		
Zhu, Hao	3,189,393		
Zhu, Jianrui	3,189,548		
Zhu, Jintai	3,180,930		
Zhu, Liyuan	3,181,013		
Zhu, Luyan	3,189,527		
Zhu, Marie M.	3,184,403		
Zhu, Moxuan	3,189,783		
Zhu, Xiaojing	3,181,139		
Zhu, Yuan	3,181,237		
Zhu, Yuanping	3,189,789		
Zhuang, Qiuchuan	3,189,548		
Zock-Emmenthal, Suzanne	3,181,108		
Zokarkar, Noopur	3,181,079		
Zong, Yao	3,189,725		
Zou, Li	3,181,257		
Zsoldos, Peter	3,181,508		

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

ALDEN, RHETT GUY	3,188,736	DING, MING	3,188,306	IVES, ANDY T.	3,188,304
AMES, ROBERT N.	3,188,515	DISGUISE TECHNOLOGIES LIMITED	3,188,031	JAEGER, RICKY G.	3,188,304
ANDREWS, JEFFREY STERLING	3,188,736	DONDLINGER, JASON	3,188,575	JO, HYUN	3,188,561
ANTONIO, DAVID C.	3,189,094	DUCKETT, JEANNE F.	3,188,471	JOHNSON, AMY	3,188,491
AS AMERICA, INC.	3,188,203	DUESING, TONY	3,188,575	JOHNSON, CLINTON A.	3,188,304
ASAKA, SAORI	3,188,289	ELI LILLY AND COMPANY	3,188,736	JOHNSON, JENNAL LYNN	3,188,736
ASTELLAS INSTITUTE FOR REGENERATIVE MEDICINE	3,188,112	ENDRIZZI, JAMES J. ENREACH HOT TAP SERVICES INC.	3,188,304	JOHNSON, MATTHEW J.	3,188,238
AVERY DENNISON RETAIL INFORMATION SERVICES LLC	3,188,471	EVANS, ANDREW R. FALLAH, JAY	3,188,216	KABUSHIKI KAISHA TOSHIBA	3,188,289
BAILEY, MELISSA DIANE	3,188,783	FERNANDEZ, CESAR FIELDS, JASON R.	3,188,471	KAILASAM, SRIDHAR K.	3,188,519
BARAK, MATAN	3,188,522	FLATT, ROBERT	3,188,306	KAMEN, DEAN	3,188,238
BARBER, JAMES	3,189,339	FRAUNHOFER-	3,188,691	KANE, DEREK G.	3,188,238
BARYZA, JEREMY LEE	3,188,691	GELELLSCHAFT ZUR FOERDERUNG DER	3,188,304	KARSTEN MANUFACTURING CORPORATION	3,188,567
BAUER HOCKEY LTD.	3,188,747	ANGEWANDTEN	3,188,719	KASTANEK, JOHN A.	3,188,304
BENNETT, NATHAN L.	3,188,833	FORSCHUNG EV	3,188,691	KAWABE, TAKUMI	3,188,320
BLOMMERS, MARCEL	3,188,691	FRIEDMAN, ROBIN	3,188,669	KAWANO, KENJI	3,188,183
BOSWORTH, ADRIAN	3,189,339	FRUSINA, BOGDAN	3,183,519	KELSEY, STEPHEN	3,188,494
BREAUX, JOSEPH E., III	3,188,150	GARG, PANKAJ	3,188,719	KENNEDY, CHAD A.	3,188,150
BRESLICH, GRADY	3,189,339	GAY, ROGER	3,188,475	KERWIN, JOHN M.	3,188,238
BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED	3,188,149	GENENTECH, INC.	3,188,112	KIM, SUN-MIN	3,188,561
BRUCE, RYAN	3,188,567	GENO, ERIN	3,188,124	KIM, YI-RANG	3,188,049
BRYANT, JR., ROBERT J.	3,188,238	GERON CORPORATION	3,188,691	KIRK-KOFFI, SAMSON GRANT	3,188,306
CANBAS CO., LTD.	3,188,320	GILHULY, BARRY	3,188,494	KLIMANSKAYA, IRINA V.	3,188,112
CARRUTH, CURTIS C.	3,188,304	GILLASPIE, DANE	3,188,719	KORMAN, JOE	3,188,575
CARSON, JULIE KATHRYN	3,188,112	GLADDISH, BENNIE WAYNE, JR.	3,183,519	L&L CANDLE COMPANY, LLC	3,188,617
CELLCONTROL, INC.	3,188,150	GOFFMAN, DANIEL L.	3,188,691	LAMONTAGNE, MICHAEL	3,188,515
CHAMPAGNE, GAETAN	3,188,747	GOODRICH CORPORATION	3,188,519	LANCIAULT, DAVID P.	3,188,515
CHANG, KENT	3,188,747	GOOGLE LLC	3,188,112	LANGENFELD, CHRISTOPHER C.	3,188,238
CHEN, XIAOCHENG	3,188,124	GOSSERT, ALVAR	3,188,304	LANIGAN, RICHARD J.	3,188,238
CHISHOLM, ROBERT	3,188,515	GRANT, DONALD	3,188,300	LARSON, ERIC ALLAN	3,189,094
CHOI, JIN-WOO	3,188,049	GREENIDGE, PAULETTE	3,188,172	LAWRENCE, SHAWN	3,188,491
CHON, SANG-BAE	3,188,561	GUBA, ROBERT W.	3,188,691	LI, HSIAO CHANG	3,188,203
CHUJOH, TAKESHI	3,188,289	HANEGRAAF, THOMAS C.	3,188,691	LI, XIAOFENG	3,188,617
CLARKE, KAITLYN S.	3,188,238	HASEGAWA, YOKO	3,188,691	LIBERTY OILFIELD SERVICES	
CONCAGH, DANNY	3,188,223	HAUSTEIN, THOMAS	3,188,150	LLC	
CONMED CORPORATION	3,189,339	HAYE, HAGEN	3,188,304	LIVEPERSON, INC.	
COYNE, JOHN R.	3,188,515	HIGDON, DAVID	3,188,320	LOMBARDO, ELEUTERIO	
CREEKSIDE INVESTMENTS INCORPORATED	3,188,306	HO, ROY	3,188,669	LOUDENSLAGER, JOHN	
DALEMANS, WILFRIED	3,188,652	HOTZEL, ISIDRO	3,188,719	LOUISIANA ECO GREEN, LLC	
DAUB, DAVID	3,188,747	HOUKOM, AUSTIN L.	3,188,567	LYRA THERAPEUTICS, INC.	
DE LA ROSA, OLGA	3,188,652	HU, JIN	3,188,381	MAKLEY, JAMES A.	
DECKARD, AARON D.	3,188,304	HUDDA, ARIF	3,188,124	MALLET, JOSEPH ROBERT WAYNE	
DEJERO LABS INC.	3,188,719	HUESKEN, DIETER	3,188,304	MANSFIELD, R. MARCUS	
DEKA PRODUCTS LIMITED PARTNERSHIP	3,188,238	HUNZIKER, JUERG	3,188,719	MARTELL, JAMES	
DENNIS, MARK	3,188,124	HURD, CHRIS J.	3,188,691	MATSUOKA, YOKY	
DHALIWAL, AMANJEET	3,188,216	HYATT, ROBERT	3,188,691	MCGUIRE, BRIAN	
DIBIASE, JOE	3,188,575	ISHIGAKI, MACHIYO	3,188,304	MCMAHON, BRIAN	
		IVANOVA, YORDANKA GIKOVA	3,188,579	MCP IP, LLC	
			3,188,320	MCPHERSON, MATHEW A.	
			3,188,112	MCSPADDEN, KEMPER J.	
				MEDTRONIC MINIMED, INC.	
					3,189,094

**Index of Canadian Divisional and Previously Unavailable
Applications Open to Public Inspection**

MEHTANI, DISHA	3,183,519	SCHNEIDER, MICHAEL D.	3,188,291	WIEGEL, AARON J.	3,188,575
MEMORIAL SLOAN-		SCHNELLINGER, THOMAS S.	3,188,238	WILLIAMS, LARRI B.	3,188,471
KETTERING CANCER		SEGGIO, FRANK	3,188,203	WIMMERS, DAVID J.	3,188,471
CENTER	3,188,287	SEKIGUCHI, SHUNICHI	3,188,026	WIRRIG, RICHARD D.	3,188,471
MILLER, PETER	3,189,339	SHENG, GUANGJI	3,188,153	WIRTH, THOMAS	3,188,669
MINEZAWA, AKIRA	3,188,026	SHENG, GUANGJI	3,188,454	YAMAMOTO, ATSUSHI	3,188,183
mitsubishi electric		SIEH, JOHN K.	3,189,339	YAMAMOTO, SAYAKA	3,188,320
CORPORATION	3,188,026	SKIBA, ALEXANDER	3,188,216	YASUDA, GOKI	3,188,289
MURPHY, COLIN H.	3,188,238	SLATE, MICHAEL J.	3,188,238	YILMAZ, UGURHAN	3,188,149
NABER, DAVID	3,188,216	SLOO, DAVID	3,188,172	YOO, BRIAN H.	3,188,238
NATT, FRANCOIS JEAN-		SNIPER (SUZHOU) LIFE		YOU, CHANGCHENG	3,188,223
CHARLES	3,188,691	TECHNOLOGY CO., LTD	3,188,153	ZHU, MEICHENG	3,188,691
NEHRU, ASHRAF	3,188,031	SNIPER (SUZHOU) LIFE			
NEUHARD, LANCE D.	3,188,471	TECHNOLOGY CO., LTD	3,188,454		
NICHIA CORPORATION	3,188,183	SNYDER, RONALD P.	3,188,575		
NOOK, JONATHAN LEWIS	3,188,302	SPRIGGS, DAVID	3,188,287		
NOOK, JONATHAN LEWIS	3,188,845	SRINIVASAN, AKHIL	3,189,094		
NOOK, WILLIAM KNIGHT	3,188,302	STANFIELD, JAMES RICHARD	3,188,302		
NOOK, WILLIAM KNIGHT	3,188,845	STANFIELD, JAMES RICHARD	3,188,845		
NOVARTIS AG	3,188,691	STEFANSKI, MARK D.	3,188,172		
NUGTEREN, DANIEL J.	3,188,304	STEINMETZ, GORDON J.	3,188,304		
NYSSE, AARON J.	3,188,304	STOLLER, JASON	3,188,329		
OATES, JAMES	3,188,575	STROBACH, DANIEL P.	3,188,304		
OCHIYA, TAKAHIRO	3,188,733	STUART, MONIC J.	3,188,494		
OHIO STATE INNOVATION		SUGIMOTO, KAZUO	3,188,026		
FOUNDATION	3,188,783	SWAIN, PHILLIP B.	3,188,304		
OLSON, ANDY	3,188,575	SWIFT, DAVID	3,188,575		
ONCOCROSS CO., LTD.	3,188,049	SZE, DAVID PUI KEUNG	3,188,719		
OSHODI, SHADIA	3,188,491	TANIZAWA, AKIYUKI	3,188,289		
PARSHALL, JAMES HAROLD	3,188,736	TATA COMMUNICATIONS			
PARUCH, LUCAS I.	3,188,575	(AMERICA) INC.	3,188,381		
PATNAIK, ANUP	3,188,691	TENFOLD TECHNOLOGIES,			
PATTERSON, ANDREW	3,188,691	LLC	3,188,515		
PERET, BOB D.	3,188,238	TESAR, DEVIN	3,188,124		
PETERSON, SHAWN D.	3,188,304	THAPI, DHARMARAO	3,188,287		
PHAM, HAU NGUYEN-PHUC	3,188,903	THE NOCO COMPANY	3,188,302		
PHAM, QUYNH	3,188,223	THE NOCO COMPANY	3,188,845		
PHILLIPS-LUBIMIV, AARON		THEORIA SCIENCE INC.	3,188,733		
LYON	3,188,306	THOMASSIE, GERARD M.	3,188,284		
POKKUNURI, KESAVA R.	3,188,381	TIGENIX, S.A.U	3,188,652		
POLARIS INDUSTRIES INC.	3,188,291	TITONE, RYAN S.	3,188,833		
POLARIS INDUSTRIES INC.	3,188,304	TOMINAGA, NAOOMI	3,188,733		
PRADHAN, ANSHU A.	3,183,519	TRACEY, BRIAN D.	3,188,238		
PRECISION PLANTING LLC	3,188,329	TUNNELL, HARRY DANIEL	3,188,736		
RAJPUROHIT, GOPAL		UNDERHILL, DEREK			
MISHRIMALJI	3,188,475	MICHAEL	3,188,302		
REGENERON		UNDERHILL, DEREK			
PHARMACEUTICALS,		MICHAEL	3,188,845		
INC.	3,188,491	USMAN, FARRUKH	3,188,238		
RITE-HITE HOLDING		VENKATARAMAN,			
CORPORATION	3,188,575	SASHIKUMAR	3,188,475		
RONDEAU, JEAN-MICHEL		VEVEO, INC.	3,188,475		
RENE	3,188,691	VIEW, INC.	3,183,519		
ROYTEK, CORRIE S.	3,188,304	W. L. GORE & ASSOCIATES,			
ROZBICKI, ROBERT T.	3,183,519	INC.	3,188,833		
RUELAS, JOSE J.	3,189,094	WADA, NAOFUMI	3,188,289		
SAINI, AAKRATEE	3,188,381	WATANABE, TAKASHI	3,188,289		
SAMSUNG ELECTRONICS		WATSON, JAN M.	3,188,471		
CO., LTD.	3,188,561	WAUGAMAN, CHARLES	3,188,575		
SANCHEZ, YAGO	3,188,669	WEIGAND, SCOTT ALLEN	3,188,736		
SATO, TAKUJI	3,188,320	WEILER, JAN	3,188,691		
SCHIERL, THOMAS	3,188,669	WERNECKE, GARRET	3,188,575		
SCHLANGEN, ADAM J.	3,188,304	WESTERFIELD, KRISTIN			
SCHLEIF, ANDREW C.	3,188,304	MARIE	3,188,736		