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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.

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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:

None

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 :

Aucun

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

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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).

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(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

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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

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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

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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,

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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

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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 MailTM and XpresspostTM 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,

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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.

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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

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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.

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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.

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.

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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.

Notices

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;

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- 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

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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

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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 October 24, 2023 contains applications open to public inspection from October 8, 2023 to October 14, 2023.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 24 octobre 2023 contient les demandes disponibles au public pour consultation pour la période du 8 octobre 2023 au 14 octobre 2023.

Canadian Patents Issued

October 24, 2023

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[54] PROCEDE ET APPAREIL D'EVALUATION DE VALEURS REPRESENTANT UNE MASSE OU UNE CONCENTRATION D'UNE SUBSTANCE PRESENTE DANS LE CORPS D'UN PATIENT

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- [54] NOUVEAUX REACTIFS DE RETICULATION, NOUVELLES MACROMOLECULES, NOUVEAUX CONJUGUES THERAPEUTIQUES, ET PROCEDES DE SYNTHESE ASSOCIES

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- [54] IMMUNOTHERAPIE ANTICANCEREUSE PAR RUPTURE DE LA SIGNALISATION PD-1/PD-L1
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[11] **2,928,233**
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[54] DISTRIBUTED COMPUTING IN A PROCESS CONTROL ENVIRONMENT
[54] CALCUL DISTRIBUE DANS UN ENVIRONNEMENT DE CONTROLE DE TRAITEMENT
[72] MACHA, RAJA RAMANA, US
[72] KLING, ANDREW LEE DAVID, US
[72] CAMINO, NESTOR JESUS, JR., US
[72] LUTH, JAMES GERARD, US
[72] LINSCOTT, RICHARD LINWOOD, US
[73] INVENSYS SYSTEMS, INC., US
[86] (2928233)
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[30] US (14/697,866) 2015-04-28

[11] **2,929,718**
[13] C

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[25] EN
[54] LIMIT FOR DE-RATING SCHEME USED IN WIND TURBINE CONTROL
[54] LIMITE DE SCHEMA D'ALLEGEMENT DE REGIME UTILISEE DANS LA COMMANDE D'EOLIENNE
[72] KLODOWSKI, ANTHONY MICHAEL, US
[72] SMITH, DAVID, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2929718)
[87] (2929718)
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[30] US (14/717,132) 2015-05-20

[11] **2,930,045**
[13] C

[51] Int.Cl. G06Q 20/10 (2012.01) G06Q 20/38 (2012.01)
[25] EN
[54] RESOURCE TRANSFER SYSTEM
[54] SYSTEME DE TRANSFERT DE RESSOURCE
[72] THOMAS, STEFAN, US
[72] SCHWARTZ, EVAN, US
[73] RIPPLE LUXEMBOURG S.A., LU
[86] (2930045)
[87] (2930045)
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[30] US (14/717,390) 2015-05-20

[11] **2,930,598**
[13] C

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[25] EN
[54] APPARATUS, SYSTEMS, AND METHODS FOR EPICARDIAL IMAGING AND INJECTION
[54] APPAREIL, SYSTEMES ET PROCEDES POUR L'IMAGERIE ET L'INJECTION EPICARDIQUES
[72] LEEFLANG, STEPHEN ARIE, US
[72] EVERSON, CHRISTIAN SCOTT, US
[73] CLPH, LLC, US
[85] 2016-05-12
[86] 2014-11-14 (PCT/US2014/065846)
[87] (WO2015/073932)
[30] US (61/904,011) 2013-11-14
[30] US (61/935,908) 2014-02-05
[30] US (61/981,870) 2014-04-21
[30] US (61/983,556) 2014-04-24
[30] US (62/066,916) 2014-10-22

[11] **2,932,312**
[13] C

[51] Int.Cl. B64D 13/08 (2006.01) B64D 13/02 (2006.01) F02C 6/08 (2006.01)
[25] EN
[54] RECIRCULATION SYSTEM FOR PARALLEL RAM HEAT EXCHANGERS
[54] DISPOSITIF DE RECIRCULATION DESTINE A DES ECHANGEURS DE CHALEUR DYNAMIQUES PARALLELES
[72] BRUNO, LOUIS J., US
[72] ZYWIAK, THOMAS M., US
[72] KLINE, ERIN G., US
[72] MILLOT, CHRISTINA W., US
[72] ARMY, DONALD E., JR., US
[72] HIPSKY, HAROLD W., US
[73] HAMILTON SUNDSTRAND CORPORATION, US
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- [25] EN
- [54] ELECTRONIC DEVICE AND LOAD CENTER INCLUDING THE SAME
- [54] APPAREIL ELECTRONIQUE ET MODULE DE CHARGEMENT COMPORTANT L'EDIT APPAREIL
- [72] ELDRIDGE, DAVID AUSTIN, US
- [72] MUELLER, MAXIMILIAN ABEL, US
- [72] THOMPSON, RONALD LEE, US
- [73] EATON INTELLIGENT POWER LIMITED, IE
- [86] (2934042)
- [87] (2934042)
- [22] 2016-06-23
- [30] US (14/808,045) 2015-07-24
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- [25] EN
- [54] DENTAL ORAL SHIELD DEVICE AND SYSTEM
- [54] DISPOSITIF DE PROTECTION POUR LA CAVITE BUCCALE ET SYSTEME
- [72] LEPENSKE, CHERIE, US
- [73] ARMOR DENTAL CORP., US
- [85] 2016-06-20
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- [87] (WO2015/095676)
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- [25] EN
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- [54] INTERRUPTEUR DE SECURITE AYANT UNE POIGNEE ET UNE PORTE A INTERVERROUILLAGE
- [72] JUR, ARTHUR JAMES, US
- [72] ADAMS, JAMES WINDELON, US
- [72] BRADLEY, BRIAN SCOTT, US
- [72] KLUS, NICHOLAS EMMETT, US
- [72] HENDRIX, JOHN POWELL, US
- [72] BENDER, DOUGLAS RAY, US
- [73] EATON INTELLIGENT POWER LIMITED, IE
- [86] (2934925)
- [87] (2934925)
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- [30] US (62/188,209) 2015-07-02
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[11] 2,935,554

[13] C

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- [25] EN
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- [54] GLISSIERE LATÉRALE DOTÉE D'UNE FONCTIONNALITÉ DE RETENUE À CROCHET PLAT
- [72] BOOHER, HOWARD D., US
- [72] DAVIES, DEREK, US
- [73] EAST MANUFACTURING CORPORATION, US
- [86] (2935554)
- [87] (2935554)
- [22] 2016-07-08
- [30] US (62/190060) 2015-07-08
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- [25] EN
- [54] FUEL FILTER AND BYPASS VALVE ARRANGEMENT
- [54] ASSEMBLAGE DE FILTRE DE CARBURANT ET DE VANNE DE DERIVATION
- [72] TURCOTTE, HERVE, CA
- [73] PRATT & WHITNEY CANADA CORP., CA
- [86] (2935754)
- [87] (2935754)
- [22] 2016-07-08
- [30] US (14/805,508) 2015-07-22
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[11] 2,936,577

[13] C

- [51] Int.Cl. F23R 3/60 (2006.01) F02C 7/26 (2006.01) F23R 3/50 (2006.01)
- [25] EN
- [54] COMBUSTOR FLOATING COLLAR ASSEMBLY
- [54] ASSEMBLAGE DE COL FLOTTANT DE CHAMBRE DE COMBUSTION
- [72] MACCAUL, DOUGLAS, CA
- [72] GIRARD, GAETAN, CA
- [73] PRATT & WHITNEY CANADA CORP., CA
- [86] (2936577)
- [87] (2936577)
- [22] 2016-07-18
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- [25] EN
- [54] TURBINE VANE REAR INSERT SCHEME
- [54] MODELE D'ELEMENT ARRIÈRE D'AUBE DE TURBINE
- [72] PAPPLE, MICHAEL, CA
- [72] LEBEL, LARRY, CA
- [73] PRATT & WHITNEY CANADA CORP., CA
- [86] (2936582)
- [87] (2936582)
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 [25] EN
[54] SEALS WITH A CONFORMABLE COATING FOR TURBOMACHINERY
[54] JOINTS DOTES D'UN REVETEMENT CONFORME DESTINES A LA TURBOMACHINERIE
 [72] MARIN, ANTHONY CHRISTOPHER, US
 [72] VENKATARAMANI, VENKAT SUBRAMANIAM, US
 [72] SARAWATE, NEELESH NANDKUMAR, US
 [72] SEVINCER, EDIP, US
 [73] GENERAL ELECTRIC COMPANY, US
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 [87] (2936676)
 [22] 2016-07-21
 [30] US (14/810,672) 2015-07-28
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[11] **2,937,043**

[13] C

- [51] Int.Cl. C12N 9/24 (2006.01) A23K 20/189 (2016.01) A61K 38/47 (2006.01) A61P 1/14 (2006.01) C12C 11/00 (2006.01) C12N 15/56 (2006.01) C12N 15/63 (2006.01) C12P 21/02 (2006.01)
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[54] XYLANASE VARIANTS HAVING INCREASED THERMOSTABILITY
[54] VARIANTES DE XYLANASE A THERMOTABILITE ACCRUE
 [72] LORENTSEN, RIKKE HOEGH, DK
 [72] ARENT LUND, SUSAN, DK
 [72] NIKOLAEV, IGOR, NL
 [72] HENDRIK A VAN TUIJL, JAN, NL
 [72] KOOPS, BART, NL
 [73] DUPONT NUTRITION BIOSCIENCES APS, DK
 [85] 2016-07-15
 [86] 2015-01-30 (PCT/EP2015/051982)
 [87] (WO2015/114112)
 [30] GB (1401648.9) 2014-01-31

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 [25] EN
[54] TURBINE BLADE WITH HOT-CORROSION-RESISTANT COATING
[54] PALE DE TURBINE DOTEÉ D'UN REVETEMENT RESISTANT A LA CORROSION
 [72] PACZOSKI, ANDRZEJ, CA
 [72] PANCHENKO, YULIA, CA
 [72] SYNOTT, REMY, CA
 [73] PRATT & WHITNEY CANADA CORP., CA
 [86] (2937308)
 [87] (2937308)
 [22] 2016-07-27
 [30] US (62/197,348) 2015-07-27
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 [25] EN
[54] DEPLOYMENT MECHANISM FOR INFLATABLE SURFACE-INCREASING FEATURES FOR GAS TURBINE ENGINE
[54] MECANISME DE DEPLOIEMENT DE FONCTIONNALITES AUGMENTANT LA SURFACE GONFLABLE D'UNE TURBINE A GAZ
 [72] JOSHI, NINAD, CA
 [72] MESLIoui, SID-ALI, CA
 [73] PRATT & WHITNEY CANADA CORP., CA
 [86] (2937319)
 [87] (2937319)
 [22] 2016-07-27
 [30] US (14/867,939) 2015-09-28

[11] **2,938,121**

[13] C

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 [25] EN
[54] COUNTER-ROTATING COMPRESSOR
[54] COMPRESSEUR A CONTRE-ROTATION
 [72] VO, HUU DUC, CA
 [73] PRATT & WHITNEY CANADA CORP., CA
 [86] (2938121)
 [87] (2938121)
 [22] 2016-08-04
 [30] US (14/851,680) 2015-09-11
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[13] C

- [51] Int.Cl. B60R 21/02 (2006.01) B60W 50/14 (2020.01)
 [25] EN
[54] AN OCCUPANT RESTRAINT SYSTEM AND METHOD OF OPERATING
[54] UN SYSTEME DE RESTRICTION D'OCCUPANT ET METHODE D'UTILISATION
 [72] GOYAL, NITIN KUMAR, IN
 [73] AMI INDUSTRIES, INC., US
 [86] (2938122)
 [87] (2938122)
 [22] 2016-08-04
 [30] US (14/819,936) 2015-08-06

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 [25] EN
 [54] METHOD OF PRODUCING POLYETHYLENE AND POLYETHYLENE THEREOF
 [54] PRODUCTION DE PRODUCTION DE POLYETHYLENE ET POLYETHYLENE ASSOCIE
 [72] BOLLER, TIMOTHY M., US
 [72] LUE, CHING-TAI, US
 [72] RIX, FRANCIS C., US
 [72] ZILKER, DANIEL P., US
 [72] HARLAN, C. JEFF, US
 [72] FARLEY, JAMES M., US
 [72] HUSSEIN, FATHI D., US
 [72] LI, DONGMING, US
 [72] BEST, STEVEN A., US
 [73] UNIVATION TECHNOLOGIES, LLC, US
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 [30] US (61/938,472) 2014-02-11
 [30] US (61/938,466) 2014-02-11
 [30] US (61/981,291) 2014-04-18
 [30] US (61/985,151) 2014-04-28
 [30] US (62/032,383) 2014-08-01
 [30] US (62/088,196) 2014-12-05
 [30] US (62/087,914) 2014-12-05
 [30] US (62/087,911) 2014-12-05
 [30] US (62/087,905) 2014-12-05
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[11] 2,939,061
[13] C

- [51] Int.Cl. C07K 7/62 (2006.01) A61K 38/12 (2006.01)
 [25] EN
 [54] POLYMYXIN DERIVATIVES AND THEIR USE IN COMBINATION THERAPY TOGETHER WITH DIFFERENT ANTIBIOTICS
 [54] DERIVES POLYMYXINE ET LEUR UTILISATION DANS LE CADRE D'UNE THERAPIE COMBINEE EN ASSOCIATION AVEC D'AUTRES ANTIBIOTIQUES
 [72] BROWN, PAMELA, GB
 [72] DAWSON, MICHAEL, GB
 [72] SIMONOVIC, MONA, GB
 [72] BOAKES, STEVEN, GB
 [72] DUPERCHY, ESTHER, GB
 [73] SPERO THERAPEUTICS, INC., US
 [85] 2016-08-08
 [86] 2014-05-21 (PCT/GB2014/051547)
 [87] (WO2014/188178)
 [30] GB (1309248.1) 2013-05-22
 [30] GB (1404301.2) 2014-03-11

[11] 2,939,125
[13] C

- [51] Int.Cl. F02C 7/12 (2006.01) F01D 25/12 (2006.01) F23R 3/00 (2006.01)
 [25] EN
 [54] INTERNALLY COOLED DILUTION HOLE BOSSES FOR GAS TURBINE ENGINE COMBUSTORS
 [54] BOSSAGES DE TROU DE DILUTION A REFROIDISSEMENT INTERNE DESTINES AUX COMBUSTORS DE MOTEUR DE TURBINE A GAZ
 [72] PAPPLE, MICHAEL, CA
 [72] LAO, SI-MAN AMY, CA
 [72] SREEKANTH, SRI, CA
 [73] PRATT & WHITNEY CANADA CORP., CA
 [86] (2939125)
 [87] (2939125)
 [22] 2016-08-16
 [30] US (14/843,197) 2015-09-02
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[11] 2,939,162
[13] C

- [51] Int.Cl. B01F 27/81 (2022.01)
 [25] EN
 [54] MIXING APPARATUS WITH STATOR AND METHOD
 [54] APPAREIL DE MELANGE AVEC STATOR ET PROCEDE DE MELANGE
 [72] LUHARUKA, RAJESH, US
 [72] CHOCHUA, GOCHA, US
 [72] PHAM, HAU NGUYEN-PHUC, US
 [72] AYYAD, MARK, US
 [73] SCHLUMBERGER CANADA LIMITED, CA
 [85] 2016-08-09
 [86] 2015-02-24 (PCT/US2015/017175)
 [87] (WO2015/130619)
 [30] US (14/192,838) 2014-02-27
 [30] US (14/192,821) 2014-02-27

[11] 2,939,712
[13] C

- [51] Int.Cl. B68G 5/00 (2006.01) A47C 7/02 (2006.01) A47C 27/10 (2006.01) A47C 31/00 (2006.01) B60N 2/52 (2006.01) B60N 2/58 (2006.01) B64D 11/06 (2006.01)
 [25] EN
 [54] ADJUSTABLE INTERFACE PRESSURE DEVICE
 [54] DISPOSITIF DE PRESSION D'INTERFACE AJUSTABLE
 [72] MARAPPAN, BHARATH, IN
 [72] KUPPAN, SKANDAN BERIKAI, IN
 [73] AMI INDUSTRIES, INC., US
 [86] (2939712)
 [87] (2939712)
 [22] 2016-08-19
 [30] IN (4365/CHE/2015) 2015-08-20
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[13] C

- [51] Int.Cl. G01R 33/381 (2006.01) G01R 33/385 (2006.01)
 [25] EN
 [54] MAGNETIC RESONANCE IMAGING WITH A SINGLE THICK LOOP
 [54] IMAGERIE PAR RESONNANCE MAGNETIQUE A BOUCLE SIMPLE EPASSE
 [72] KHARBANDA, HARDAVE S., US
 [73] J. S. PASRICHA ENTERPRISES, LLC, US
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 [86] 2013-02-14 (PCT/US2013/026006)
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 - [25] EN
 - [54] ANTI-EGFRVIII ANTIBODIES AND USES THEREOF
 - [54] ANTICORPS ANTI-EGFRVIII ET UTILISATIONS ASSOCIEES
 - [72] KIRSHNER, JESSICA R., US
 - [72] MACDONALD, DOUGLAS, US
 - [72] THURSTON, GAVIN, US
 - [72] MARTIN, JOEL H., US
 - [72] DELFINO, FRANK., US
 - [72] NITTOLI, THOMAS, US
 - [72] KELLY, MARCUS, US
 - [73] REGENERON PHARMACEUTICALS, INC., US
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 - [87] (WO2015/138460)
 - [30] US (61/950,963) 2014-03-11
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[13] C

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- [25] EN
- [54] SOIL CHARACTERISTIC SENSORS ON GROUND-ENGAGING ELEMENTS OF A PLANTING MACHINE
- [54] DETECTEURS DE CARACTERISTIQUES DU SOL SUR DES ELEMENTS D'ENGAGEMENT AU SOL D'UNE MACHINE DE PLANTATION
- [72] GARNER, ELIJAH B., US
- [72] TEVS, NIKOLAI, US
- [72] RHODES, MICHAEL L., US
- [72] PUHALLA, JEFFREY S., US
- [73] DEERE & COMPANY, US
- [86] (2940710)
- [87] (2940710)
- [22] 2016-08-30
- [30] US (14/874,218) 2015-10-02

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[13] C

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- [25] EN
- [54] SUBSTITUTED 4,5,6,7-TETRAHYDRO-PYRAZOLO[1,5-.ALPHA.]PYRAZINE DERIVATIVES AND 5,6,7,8-TETRAHYDRO-4H-PYRAZOLO[1,5-.ALPHA.]|[1,4]DIAZEPINE DERIVATIVES AS ROS1 INHIBITORS
- [54] DERIVES 4,5,6,7-TETRAHYDRO-PYRAZOLO[1,5-.ALPHA.]PYRAZINE SUBSTITUES ET DERIVES 5,6,7,8-TETRAHYDRO-4H-PYRAZOLO[1,5-.ALPHA.]|[1,4]DIAZEPINE UTILISES COMME INHIBITEURS DE ROS1

- [72] MEVELLEC, LAURENCE ANNE, FR
- [72] PASQUIER, ELISABETH THERESE JEANNE, FR
- [72] DESCAMPS, SOPHIE, FR
- [72] MERCEY, GUILLAUME JEAN MAURICE, FR
- [72] WROBLOWSKI, BERTHOLD, BE
- [72] VIALARD, JORGE EDUARDO, BE
- [72] MEERPOEL, LIEVEN, BE
- [72] JEANTY, MATTHIEU LUDOVIC, FR
- [72] JOUSSEAUME, THIERRY FRANCOIS ALAIN JEAN, CH
- [73] JANSEN PHARMACEUTICA NV, BE
- [85] 2016-08-26
- [86] 2015-03-26 (PCT/EP2015/056498)
- [87] (WO2015/144799)
- [30] EP (14161950.2) 2014-03-27

[11] **2,941,632**

[13] C

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 - [25] EN
 - [54] BENDAMUSTINE SOLID DISPERSIONS AND CONTINUOUS INFUSION
 - [54] DISPERSIONS SOLIDES DE BENDAMUSTINE ET PERFUSION CONTINUE
 - [72] VOUDOURIS, VASILIOS, US
 - [73] VOUDOURIS, VASILIOS, US
 - [85] 2016-09-02
 - [86] 2015-03-04 (PCT/US2015/018725)
 - [87] (WO2015/138199)
 - [30] US (61/952,624) 2014-03-13
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[13] C

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- [25] EN
- [54] COMPOSITION AND METHOD FOR STABILIZING NUCLEIC ACIDS IN BIOLOGICAL SAMPLES
- [54] COMPOSITION ET PROCEDE DE STABILISATION DES ACIDES NUCLEIQUES DANS DES ECHANTILLONS BIOLOGIQUES
- [72] BIRNBOIM, HYMAN CHAIM, CA
- [72] POZZA, LINDSAY, CA
- [72] MERINO HERNANDEZ, CARLOS ALBERTO, CA
- [72] DOUKHANINE, EVGUENI VLADIMIROVITCH, CA
- [73] DNA GENOTEK INC., CA
- [85] 2016-09-07
- [86] 2015-03-06 (PCT/CA2015/050173)
- [87] (WO2015/131291)
- [30] US (61/949,692) 2014-03-07
- [30] US (62/057,769) 2014-09-30

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[13] C

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 - [25] EN
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 - [54] SYSTEME DE DISPERSION DE LA VAPEUR
 - [72] CELOTTA, DANIEL W., US
 - [72] ERISGEN, SUKRU, US
 - [72] FARLEY, COLE KENNEDY, US
 - [72] LUNDGREEN, JAMES M., US
 - [72] POSHUSTA, TODD M., US
 - [73] DRI-STEEM CORPORATION, US
 - [86] (2943020)
 - [87] (2943020)
 - [22] 2016-09-22
 - [30] US (62/222,538) 2015-09-23
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- [25] EN
- [54] FLEXIBLE SOLAR GENERATOR PROVIDED WITH ELECTRICAL PROTECTION AGAINST THE IMPACT OF CELESTIAL OBJECTS, SPACECRAFT AND SATELLITE COMPRISING AT LEAST ONE SUCH SOLAR GENERATOR
- [54] GENERATEUR SOLAIRE FLEXIBLE DOTE D'UNE PROTECTION ELECTRIQUE CONTRE L'IMPACT D'OBJETS CELESTES, AERONEF ET SATELLITE COMPORANT AU MOINS UN TEL GENERATEUR SOLAIRE
- [72] BOULANGER, BERNARD, FR
- [72] VOIRIN, JEAN-NOEL, FR
- [72] D'ABRIGEON, LAURENT, FR
- [73] THALES, FR
- [86] (2943026)
- [87] (2943026)
- [22] 2016-09-23
- [30] FR (1501980) 2015-09-25

[11] 2,943,231

[13] C

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 - [25] EN
 - [54] BENZIMIDAZOLE DERIVATIVES AS ERBB TYROSINE KINASE INHIBITORS FOR THE TREATMENT OF CANCER
 - [54] DERIVES DE BENZIMIDAZOLE EN TANT QU'INHIBITEURS DE LA TYROSINE KINASE ERBB POUR LE TRAITEMENT DU CANCER
 - [72] LONG, YUN, US
 - [73] CAPELLA THERAPEUTICS, INC., US
 - [85] 2016-09-19
 - [86] 2015-03-19 (PCT/US2015/021475)
 - [87] (WO2015/143161)
 - [30] US (61/968,243) 2014-03-20
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- [25] EN
- [54] HIGH FLOW, REDUCED FOAM DISPENSING NOZZLE
- [54] BUSE DE DISTRIBUTION A DEBIT ELEVE ET A MOUSSE REDUITE
- [72] DAHLBERG, KIRK WALTER, US
- [72] CHEN, YOULUNG, US
- [72] GREEN, CHARLES BRADLEY, US
- [72] KLUCIK, JOSEF, US
- [72] MARTIN, JOHN, US
- [72] BROWNELL, ROBERT B. JR., US
- [72] BAIR, CASSILYN, US
- [73] THE COCA-COLA COMPANY, US
- [85] 2016-09-21
- [86] 2015-03-23 (PCT/US2015/021943)
- [87] (WO2015/148349)
- [30] US (61/969,910) 2014-03-25

[11] 2,944,781

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 - [25] EN
 - [54] TRANSMISSION DEVICE, TRANSMISSION METHOD, RECEPTION DEVICE, AND RECEPTION METHOD
 - [54] DISPOSITIF DE TRANSMISSION, METHODE DE TRANSMISSION, DISPOSITIF DE RECEPTION ET METHODE DE RECEPTION
 - [72] KITAHARA, JUN, JP
 - [72] KITAZATO, NAOHISA, JP
 - [72] YAMAGISHI, YASUAKI, JP
 - [72] TAKAHASHI, KAZUYUKI, JP
 - [72] YAMANE, TAKETOSHI, JP
 - [73] SONY CORPORATION, JP
 - [85] 2016-10-03
 - [86] 2016-01-29 (PCT/JP2016/052583)
 - [87] (WO2016/129407)
 - [30] JP (2015-024779) 2015-02-10
 - [30] JP (2015-042752) 2015-03-04
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- [25] EN
- [54] BUS SUPPORTS AND RELATED ASSEMBLIES AND METHODS
- [54] SUPPORT DE BUS ET ASSEMBLAGES ASSOCIES ET METHODES
- [72] MURUGIAH, SACHIDANANDAN, CA
- [73] TYCO ELECTRONICS CANADA ULC, CA
- [86] (2945251)
- [87] (2945251)
- [22] 2016-10-13
- [30] US (62/242,487) 2015-10-16
- [30] US (15/290,745) 2016-10-11

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[25] EN

[54] METHODS FOR PROTECTING AND TREATING TRAUMATIC BRAIN INJURY, CONCUSSION AND BRAIN INFLAMMATION WITH INTRANASAL INSULIN

[54] PROCÉDES DE PROTECTION ET DE TRAITEMENT DE TRAUMATISME CEREBRAL, DE COMMOTION CEREBRALE ET D'INFLAMMATION CEREBRALE AU MOYEN D'INSULINE INTRANASALE

[72] FREY, WILLIAM H., II, US

[72] BRESIN HANSON, LEAH RANAE, US

[72] BYRNES, KIMBERLY, US

[72] BRABAZON, FIONA, US

[73] HEALTHPARTNERS RESEARCH & EDUCATION, US

[73] THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC., US

[85] 2016-10-07

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[30] US (61/976,634) 2014-04-08

[30] US (14/679,667) 2015-04-06

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[13] C

[51] Int.Cl. C07K 14/705 (2006.01) C12N 5/10 (2006.01) C12N 15/12 (2006.01) C12N 15/63 (2006.01) C12N 15/85 (2006.01) C12Q 1/02 (2006.01) C12Q 1/68 (2018.01) G01N 33/68 (2006.01)

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[54] G-PROTEIN COUPLED RECEPTOR 22 TRANSFORMED CELL LINES AND USES THEREFOR

[54] LIGNEES CELLULAIRES TRANSFORMEES POUR EXPRIMER LE RECEPTEUR COUPLE A LA PROTEINE G GPCR22 ET UTILISATIONS ASSOCIEES

[72] RATHBONE, MICHEL P., CA

[72] JIANG, SHUCUI, CA

[72] CACIAGLI, FRANCESCO, IT

[72] CICCARELLI, RENATA, IT

[72] BALLERINI, PATRIZIA, IT

[72] DI IORIO, PATRIZIA, IT

[72] GIULIANI, PATRICIA, IT

[72] D'ALIMONTE, IOLANDA, IT

[73] LIBRAMEN NATURALS INC., CA

[85] 2016-10-13

[86] 2015-04-20 (PCT/CA2015/050326)

[87] (WO2015/161369)

[30] US (61/984,618) 2014-04-25

[30] US (61/985,373) 2014-04-28

[11] **2,945,843**

[13] C

[51] Int.Cl. A47G 29/00 (2006.01) A47B 75/00 (2006.01) A47B 77/14 (2006.01) A47F 7/28 (2006.01) A47G 23/02 (2006.01)

[25] EN

[54] CUP RACK

[54] SUPPORT DE GOBELETS

[72] HAWLEY, DESMOND, CA

[72] TEATRO, TIMOTHY, CA

[73] HAWLEY, DESMOND, CA

[85] 2016-10-14

[86] 2015-04-15 (PCT/CA2015/050315)

[87] (WO2015/157866)

[30] US (61/981,072) 2014-04-17

[11] **2,945,762**

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[54] SEALED NUT

[54] ECROU ETANCHE

[72] GOYER, JULIEN, FR

[72] VILLET, ANTOINE, FR

[72] NARETTO, NICOLAS, US

[73] LISI AEROSPACE, FR

[86] (2945762)

[87] (2945762)

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[30] FR (1560075) 2015-10-22

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[13] C

[51] Int.Cl. H04L 27/26 (2006.01)

[25] EN

[54] PREAMBLE SYMBOL

GENERATION AND RECEIVING
METHOD, AND FREQUENCY-
DOMAIN SYMBOL GENERATION
METHOD AND DEVICE

**[54] PROCEDE DE GENERATION DE
SYBOL DE PREAMBULE,
PROCEDE DE RECEPTION DE
SYBOL DE PREAMBULE,
PROCEDE DE GENERATION DE
SYBOL DE DOMAINE
FREQUENTIEL, ET APPAREILS
CORRESPONDANTS**

[72] ZHANG, WENJUN, CN

[72] HUANG, GE, CN

[72] XING, GUANBIN, CN

[72] XU, HONGLIANG, CN

[72] GUO, XUFENG, CN

[72] GUAN, YUNFENG, CN

[72] HE, DAZHI, CN

[73] SHANGHAI NATIONAL
ENGINEERING RESEARCH
CENTER OF DIGITAL TELEVISION
CO., LTD., CN

[85] 2016-10-14

[86] 2015-04-16 (PCT/CN2015/076813)

[87] (WO2015/158294)

[30] CN (201410153040.X) 2014-04-16

[30] CN (201410168180.4) 2014-04-24

[30] CN (201410175323.4) 2014-04-28

[30] CN (201410177035.2) 2014-04-29

[30] CN (201410182962.3) 2014-04-30

[30] CN (201410184919.0) 2014-05-04

[30] CN (201410185112.9) 2014-05-05

[30] CN (201410229558.7) 2014-05-28

[30] CN (201410259080.2) 2014-06-12

[30] CN (201410274626.1) 2014-06-19

[30] CN (201410326504.2) 2014-07-10

[30] CN (201410753506.X) 2014-12-10

[30] CN (201510039510.4) 2015-01-26

[30] CN (201510061935.5) 2015-01-30

[30] CN (201510052202.5) 2015-01-30

[30] CN (201510064118.5) 2015-02-06

[30] CN (201510076216.0) 2015-02-12

[30] CN (201510076151.X) 2015-02-12

[30] CN (201510076155.8) 2015-02-12

[11] 2,945,857

[13] C

[51] Int.Cl. H04L 5/00 (2006.01) H04L
27/26 (2006.01)

[25] EN

**[54] PREAMBLE SYMBOL RECEIVING
METHOD AND DEVICE**
**[54] PROCEDE ET APPAREIL
DESTINES A LA RECEPTION DE
SYBOL DE PREAMBULE**

[72] HUANG, GE, CN
[72] XU, HONGLIANG, CN
[72] XING, GUANBIN, CN
[72] ZHANG, WENJUN, CN
[72] GUO, XUFENG, CN
[73] SHANGHAI NATIONAL
ENGINEERING RESEARCH
CENTER OF DIGITAL TELEVISION
CO., LTD., CN

[85] 2016-10-14

[86] 2015-04-16 (PCT/CN2015/076815)

[87] (WO2015/158296)

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[30] CN (201410168180.4) 2014-04-24

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[30] CN (201410177035.2) 2014-04-29

[30] CN (201410182962.3) 2014-04-30

[30] CN (201410184919.0) 2014-05-04

[30] CN (201410185112.9) 2014-05-05

[30] CN (201410229558.7) 2014-05-28

[30] CN (201410259080.2) 2014-06-12

[30] CN (201410274626.1) 2014-06-19

[30] CN (201410326504.2) 2014-07-10

[30] CN (201410753506.X) 2014-12-10

[30] CN (201510039510.4) 2015-01-26

[30] CN (201510061935.5) 2015-01-30

[30] CN (201510052202.5) 2015-01-30

[30] CN (201510064118.5) 2015-02-06

[30] CN (201510076216.0) 2015-02-12

[30] CN (201510076151.X) 2015-02-12

[30] CN (201510076155.8) 2015-02-12

[11] 2,949,106

[13] C

[51] Int.Cl. A61K 31/7105 (2006.01) C07D
319/12 (2006.01)

[25] EN

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DELIVERY OF NUCLEIC ACIDS**
**[54] LIPIDES BIODEGRADABLES
POUR L'ADMINISTRATION
D'ACIDES NUCLEIQUES**

[72] DEROSA, FRANK, US
[72] HEARTLEIN, MICHAEL, US
[73] TRANSLATE BIO, INC., US
[85] 2016-11-14
[86] 2015-05-29 (PCT/US2015/033173)
[87] (WO2015/184256)
[30] US (62/005,266) 2014-05-30

[11] 2,949,141

[13] C

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17/16 (2006.01)

[25] EN

[54] SPIRAL SLICER
**[54] APPAREIL DE COUPE EN
SPIRALE**

[72] BAGLEY, JUSTIN, US
[72] COTTER, JENNIFER K., US
[73] PROGRESSIVE INTERNATIONAL
CORPORATION, US
[86] (2949141)
[87] (2949141)
[22] 2016-11-18
[30] US (62/257,119) 2015-11-18

[11] 2,949,865

[13] C

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17/06 (2006.01)

[25] EN

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TREATMENT METHODS**
**[54] PROCEDES DE TRAITEMENT
ELECTROCHIMIQUE**

[72] CAM, DAVID VICTOR, AU
[72] ELLERS, JOHN FREDERICK, AU
[72] HILL, BROOK DOUGLAS, AU
[73] ENVIROGOLD GLOBAL PTY LTD,
AU
[85] 2016-11-22
[86] 2015-05-22 (PCT/AU2015/050269)
[87] (WO2015/176137)
[30] AU (2014901949) 2014-05-23
[30] AU (2015900125) 2015-01-16
[30] AU (2015901496) 2015-04-27
[30] AU (2015901497) 2015-04-27

[11] 2,947,557

[13] C

[51] Int.Cl. A62B 18/08 (2006.01) A61L
9/00 (2006.01) B01D 53/00 (2006.01)

[25] EN

**[54] AIR PURIFIER APPARATUS WITH
FLEXIBLE FILTER MODULES**
**[54] APPAREIL D'ASSAINISSEMENT
DE L'AIR DOTE DE MODULES DE
FILTRE FLEXIBLES**

[72] SCHULLER, CARMEN, US

[73] SCHULLER, CARMEN, US

[86] (2947557)

[87] (2947557)

[22] 2016-11-03

[30] US (15/296,725) 2016-10-18

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 - [54] MICROSCOPE IN VIVO CLINIQUE
 - [72] SKITZKI, JOSEPH, US
 - [73] HEALTH RESEARCH, INC., US
 - [85] 2016-11-22
 - [86] 2015-05-05 (PCT/US2015/029242)
 - [87] (WO2015/171611)
 - [30] US (61/988,626) 2014-05-05
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[11] 2,950,510

[13] C

- [51] Int.Cl. A61K 35/747 (2015.01) A61P 31/04 (2006.01)
 - [25] EN
 - [54] ANTI-BACTERIAL LYSATE OF PROBIOTIC BACTERIA
 - [54] LYSAT ANTIBACTERIEN DE BACTERIES PROBIOTIQUES
 - [72] O'NEILL, CATHERINE, GB
 - [72] MCBAIN, ANDREW, GB
 - [73] SKINBIO THERAPEUTICS PLC, GB
 - [85] 2016-11-28
 - [86] 2015-05-26 (PCT/GB2015/051529)
 - [87] (WO2015/181534)
 - [30] GB (1409541.8) 2014-05-29
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[11] 2,950,673

[13] C

- [51] Int.Cl. A61M 1/36 (2006.01)
 - [25] EN
 - [54] METHOD FOR REMOVING FLUID FROM A BLOOD FILTER AFTER COMPLETING A BLOOD TREATMENT SESSION BY MEANS OF FLOW INCREASE AND TREATMENT APPARATUS FOR CARRYING OUT SAID METHOD
 - [54] METHODE POUR ELIMINER LE FLUIDE D'UN FILTRE SANGUIN APRES UNE SEANCE DE TRAITEMENT SANGUIN PAR ACCROISSEMENT DE LA CIRCULATION ET DISPOSITIF DE TRAITEMENT SERVANT A EXECUTER LA METHODE
 - [72] HACKER, JURGEN, DE
 - [72] GRONAU, SOREN, DE
 - [73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
 - [85] 2016-11-29
 - [86] 2015-06-30 (PCT/EP2015/064833)
 - [87] (WO2016/001217)
 - [30] DE (10 2014 109 136.1) 2014-06-30
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[11] 2,950,812

[13] C

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 - [25] EN
 - [54] SUBSTITUTED [1,2,4]TRIAZOLE COMPOUNDS AND THEIR USE TO COMBAT PHYTOPATHOGENIC FUNGI
 - [54] COMPOSES DE [1,2,4]TRIAZOL SUBSTITUE ET UTILISATION CONTRE LES CHAMPIGNONS PHYTOPATHOGENES
 - [72] GRAMMENOS, WASSILIOS, DE
 - [72] BOUDET, NADEGE, DE
 - [72] MUELLER, BERND, DE
 - [72] ESCRIBANO CUESTA, ANA, DE
 - [72] LOHMANN, JAN KLAAS, DE
 - [72] GROTE, THOMAS, DE
 - [72] CRAIG, IAN ROBERT, DE
 - [72] FEHR, MARCUS, DE
 - [72] QUINTERO PALOMAR, MARIA ANGELICA, DE
 - [72] LAUTERWASSER, ERICA MAY WILSON, DE
 - [72] KRETSCHMER, MANUEL, DE
 - [73] BASF SE, DE
 - [85] 2016-11-30
 - [86] 2015-06-05 (PCT/EP2015/062534)
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 - [30] EP (14171468.3) 2014-06-06
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[13] C

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 - [25] EN
 - [54] METAL/RADIOMETAL-LABELED PSMA INHIBITORS FOR PSMA-TARGETED IMAGING AND RADIOTHERAPY
 - [54] INHIBITEURS DU PSMA MARQUES PAR UN METAL/RADIOMETAL POUR IMAGERIE ET RADIOTHERAPIE CIBLEES VERS LE PSMA
 - [72] RAY, SANDEEKA, US
 - [72] POMPER, MARTIN G., US
 - [72] MEADE, THOMAS J., US
 - [72] MEASE, RONNIE C., US
 - [72] CHEN, YING, US
 - [72] YANG, XING, US
 - [72] ROTZ, MATTHEW, US
 - [73] THE JOHNS HOPKINS UNIVERSITY, US
 - [73] NORTHWESTERN UNIVERSITY, US
 - [85] 2016-11-30
 - [86] 2015-05-06 (PCT/US2015/029504)
 - [87] (WO2015/171792)
 - [30] US (61/989,428) 2014-05-06
 - [30] US (62/117,603) 2015-02-18
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[11] 2,951,157

[13] C

- [51] Int.Cl. E21B 47/13 (2012.01) E21B 44/00 (2006.01)
- [25] EN
- [54] MEASURING WHILE DRILLING SYSTEMS, METHOD AND APPARATUS
- [54] SYSTEMES, PROCEDE ET APPAREIL DE MESURE PENDANT LE FORAGE
- [72] DERKACZ, PATRICK R., CA
- [72] LOGAN, AARON W., CA
- [72] LOGAN, JUSTIN C., CA
- [72] WEST, KURTIS, CA
- [72] LIU, JILI (JERRY), CA
- [72] BUTERNOWSKY, BARRY D., CA
- [73] EVOLUTION ENGINEERING INC., CA
- [85] 2016-12-05
- [86] 2015-05-08 (PCT/CA2015/050421)
- [87] (WO2015/192226)
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- [25] EN
- [54] RENEWABLE HYDROCARBONS, METHOD FOR PRODUCING THE SAME AND USE THEREOF
- [54] HYDROCARBURES RENOUVELABLES, PROCEDE DE PRODUCTION DESDITS HYDROCARBURES ET UTILISATION DE CEUX-CI
- [72] MYLLYOJA, JUKKA, FI
- [72] LINDBLAD, MARINA, FI
- [72] KALDSTROM, MATS, FI
- [72] PIILOLA, RAMI, FI
- [72] IKONEN, ELIAS, FI
- [73] NESTE OYJ, FI
- [86] (2952483)
- [87] (2952483)
- [22] 2016-12-20
- [30] EP (15202932.8) 2015-12-29
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[11] 2,952,493
[13] C

- [51] Int.Cl. C10L 1/10 (2006.01) C10L 1/10 (2006.01)
- [25] EN
- [54] RENEWABLE DVPE ADJUSTMENT MATERIAL, FUEL BLEND CONTAINING THE SAME, AND METHOD FOR PRODUCING A FUEL BLEND
- [54] MATERIAU D'AJUSTEMENT D'EQUIVALENT DE PRESSION DE VAPEUR SECHE RENOUVELABLE, MELANGE DE CARBURANT CONTENANT CELUI-CI ET PROCEDE DE PRODUCTION D'UN MELANGE DE CARBURANT
- [72] KIISKI, ULLA, FI
- [72] LINDBLAD, MARINA, FI
- [72] MYLLYOJA, JUKKA, FI
- [72] KARVO, ANNA, FI
- [73] NESTE OYJ, FI
- [86] (2952493)
- [87] (2952493)
- [22] 2016-12-20
- [30] EP (15202930.2) 2015-12-29
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[11] 2,953,115
[13] C

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- [25] EN
- [54] PASSIVE RESTART Y-SITE
- [54] SITE Y DE REDEMARRAGE PASSIF
- [72] MANSOUR, GEORGE, US
- [73] CAREFUSION 303, INC., US
- [85] 2016-12-20
- [86] 2015-06-17 (PCT/US2015/036289)
- [87] (WO2016/003654)
- [30] US (14/319,948) 2014-06-30
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[11] 2,953,144
[13] C

- [51] Int.Cl. H04W 12/069 (2021.01) G06F 21/44 (2013.01) B60R 16/02 (2006.01) B60R 25/00 (2013.01) G07C 5/00 (2006.01) G08C 17/02 (2006.01)
- [25] EN
- [54] METHOD AND APPARATUS FOR PROVIDING VEHICLE SECURITY
- [54] PROCEDE ET APPAREIL D'ETABLISSEMENT DE SECURITE DE VEHICULE
- [72] SOROKO, JASON AURELE, US
- [73] ENTRUST, INC., US
- [85] 2016-12-20
- [86] 2015-07-09 (PCT/US2015/039690)
- [87] (WO2016/007712)
- [30] US (62/023,388) 2014-07-11
- [30] US (14/795,072) 2015-07-09
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[11] 2,953,220
[13] C

- [51] Int.Cl. C12Q 1/6886 (2018.01) C12N 15/113 (2010.01) C12Q 1/6809 (2018.01) C12Q 1/6813 (2018.01) C40B 30/04 (2006.01)
- [25] EN
- [54] STOMACH CANCER DETECTION KIT OR DEVICE, AND DETECTION METHOD
- [54] KIT OU DISPOSITIF DE DETECTION DU CANCER DE L'ESTOMAC, ET PROCEDE DE DETECTION
- [72] KOZONO, SATOKO, JP
- [72] NOBUMASA, HITOSHI, JP
- [72] KONDOW, SATOSHI, JP
- [72] SUDO, HIROKO, JP
- [72] KAWAUCHI, JUNPEI, JP
- [72] OCHIAI, ATSUSHI, JP
- [72] KOJIMA, MOTOHIRO, JP
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- [72] BOUVIER, MICHEL, CA
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[73] SAGE THERAPEUTICS, INC., US
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 - [54] SYSTEME ET PROCEDE DE SURVEILLANCE DE LA VITESSE D'ONDES DE POULS AORTIQUE ET DE LA PRESSION ARTERIELLE
 - [72] GOODMAN, JESSE, CA
 - [72] LEWDEN, BENOIT, CA
 - [73] VITAL SINES INTERNATIONAL INC., CA
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- [54] DISJONCTEUR MODULAIRE ET METHODE D'ASSEMBLAGE
- [72] HIREMATH, SOMASHEKHARAYYA, US
- [72] JIMENEZ, SANDY OMAR, US
- [73] EATON INTELLIGENT POWER LIMITED, IE
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- [87] (2966097)
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- [72] DING, JIAN, CN
- [72] MENG, LINGHUA, CN
- [72] GENG, MEIYU, CN
- [72] LI, TONGSHUANG, CA
- [72] ZHOU, ZUWEN, CN
- [72] CHEN, LING, CN
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- [72] WANG, XIANLONG, CN
- [72] YANG, LIJUN, CN
- [72] RONG, YUE, CN
- [72] TAN, RUI, CN
- [72] YU, CHUILIANG, CN
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 - [72] WAGNER, STEVEN L., US
 - [72] MOBLEY, WILLIAM C., US
 - [72] TANZI, RUDOLPH E., US
 - [72] JOHNSON, GRAHAM, US
 - [72] BUCKLE, RONALD, US
 - [72] MAYHEW, NICHOLAS, US
 - [72] HERR, ROBERT JASON, US
 - [72] RYNEARSON, KEVIN D., US
 - [73] THE GENERAL HOSPITAL CORPORATION, US
 - [73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
 - [85] 2017-04-28
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- [54] IMINOSACCHARIDES
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- [72] WARFIELD, KELLY LYN, US
- [72] TRESTON, ANTHONY, US
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[54] PROCEDES ET COMPOSITIONS PERMETTANT DE FABRIQUER DU BETON
[72] MONKMAN, GEORGE SEAN, CA
[72] CAIL, KEVIN, US
[72] SANDBERG, PAUL J., US
[72] MACDONALD, MARK, CA
[72] BROWN, JOSHUA JEREMY, CA
[72] FORGERON, DEAN PAUL, CA
[73] CARBONCURE TECHNOLOGIES INC., CA
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[30] US (62/086,024) 2014-12-01
[30] US (62/096,018) 2014-12-23
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[54] COMPOSES DE 1H-PYRAZOLO[4,3-C][1,5]NAPHTHYRIDINE-4(5H)-ONE ET UTILISATIONS COMME INHIBITEURS DE PDE2
[72] LI, PENG, US
[72] ZHENG, HAILIN, US
[72] SNYDER, GRETCHEN, US
[72] WENNOGLE, LAWRENCE P., US
[72] HENDRICK, JOSEPH, US
[73] INTRA-CELLULAR THERAPIES, INC., US
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[54] AN EMBEDDED UNIVERSAL INTEGRATED CIRCUIT CARD SUPPORTING TWO-FACTOR AUTHENTICATION
[54] CARTE DE CIRCUIT INTEGRE UNIVERSEL INTEGREE DE PRISE EN CHARGE DE L'AUTHENTIFICATION DE DEUX FACTEURS
[72] NIX, JOHN A., US
[73] NETWORK-1 TECHNOLOGIES, INC., US
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[54] DISPOSITIF D'EVENT INSTALLE AU PLAFOND DOTE D'ECLAIRAGE
[72] GONG, WENTIAN, CN
[72] YANG, DECONG, CN
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[73] PANASONIC ECOLOGY SYSTEMS GUANGDONG CO., LTD., CN
[86] (2969988)
[87] (2969988)
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[73] BLACKBERRY LIMITED, CA
[86] (2970222)
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[54] UNIVERSAL JOINT SEALING STRIP FOR DIFFERENT PROFILE DIMENSIONS, AND SEALING ARRANGEMENT HAVING A JOINT SEALING STRIP OF THIS TYPE
[54] BANDE D'ETANCHEITE DE JOINTURE UNIVERSELLE POUR DIFFERENTES DIMENSIONS DE PROFILE ET DISPOSITIF D'ETANCHEITE POURVU D'UNE TELLE BANDE D'ETANCHEITE DE JOINTURE
[72] KLEINHANS, GOTTFRIED, DE
[72] KLEIN, MANFRED, DE
[73] HILTI AKTIENGESELLSCHAFT, LI
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- [54] **CHARIOT A GRAIN DOTE D'UNE VIS A GRAIN PLIANTE**
- [72] VAN MILL, MICHAEL D., US
- [72] SCHLIMGEN, RONALD JOSEPH, US
- [73] UNVERFERTH MANUFACTURING COMPANY, INC., US
- [86] (2970424)
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- [54] **FORMULATIONS DE 2-(TERT-BUTYLAMINO)-4-((1R,3R,4R)-3-HYDROXY-4-METHYLCYCLOHEXYLAMINO)-PYRIMIDINE-5-CARBOXAMIDE**
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- [72] GHOSH, INDRAJIT, US
- [72] HUANG, LIANFENG, US
- [72] ZOU, DAOZHONG, US
- [73] SIGNAL PHARMACEUTICALS, LLC, US
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- [54] **SYSTEMES DE MODIFICATION DU GENOME DE CHAMPIGNON ET LEURS PROCEDES D'UTILISATION**
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- [72] GE, JING, US
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- [72] MADRID, SUSAN MAMPUSTI, US
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- [54] **PRODUITS DE TYPE SUBSTITUTS CUTANES MULTICOUCHE ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
- [72] ATALA, ANTHONY, US
- [72] JEONG, GAYOUNG, US
- [72] YOO, JAMES J., US
- [72] LEE, SANG JIN, US
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- [72] ROBLES RODRIGUEZ, VANESA, ES
- [72] GARCIA VALCARCE, DAVID, ES
- [72] RAMON VIDAL, DANIEL, ES
- [72] GENOVES MARTINEZ, SALVADOR, ES
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- [72] CHENOLL CUADROS, MA EMPAR, ES
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- [72] ARDILA, GERMAN, US
- [73] BANKS AND ACQUIRERS INTERNATIONAL HOLDING, FR
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[72] HU, JIN, US
[72] BOTURA, GALDEMIR CEZAR, US
[73] GOODRICH CORPORATION, US
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[73] GREEN CHEMISTRY ENERGY LLC, US
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[72] QIAN, XIANGPING, US
[72] ZHU, YONG-LIANG, US
[73] NEUPHARMA, INC., US
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- [72] NIEUWENHUIS, JOPPE DANIEL MARIA, NL
- [72] JAE, LUCAS TILMANN, NL
- [72] BROCKMANN, MARKUS, NL
- [72] BLOMEN, VINCENT ARTHUR, NL
- [72] RAABEN, MATTHIJS, NL
- [73] STICHTING HET NEDERLANDS KANKER INSTITUUT-ANTONI VAN LEEUWENHOEK ZIEKENHUIS, NL
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- [54] POWERED, MULTI-FUNCTIONAL LIMB MOVEMENT AUXILIARY DEVICE, PARTICULARLY PROSTHESIS AND MOVEMENT-ASSISTING ORTHOSIS, WITH COMBINED ESTIMATION REGIMES
- [54] DISPOSITIF AUXILIAIRE MULTIFONCTIONNEL ELECTRIQUE DE MISE EN MOUVEMENT DES MEMBRES, NOTAMMENT POUR PROTHESES ET ORTHESES D'AIDE AU MOUVEMENT, A REGIMES D'ESTIMATION COMBINEE
- [72] GRAIMANN, BERNHARD, DE
- [72] AMSUSS, SEBASTIAN, AT
- [72] FARINA, DARIO, DE
- [73] GEORG-AUGUST-UNIVERSITAT GOTTINGEN STIFTUNG OFFENTLICHEN RECHTS, DE
- [73] OTTOBOCK SE & CO. KGAA, DE
- [85] 2017-11-29
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- [25] EN
- [54] TEMPERATURE CONTROLLED STORAGE SYSTEM
- [54] SYSTEME D'EMMAGASINAGE A TEMPERATURE CONTROLEE
- [72] LINDBO, LARS SVERKER TURE, GB
- [72] FRYER, MARK, GB
- [72] BATES, MARTYN LEE, GB
- [72] FAUX, KEVIN, GB
- [72] STEINER, TIMOTHY DEIGHTON, GB
- [72] SHAIKH, SIDDIQUE, GB
- [73] OCADO INNOVATION LIMITED, GB
- [85] 2017-12-01
- [86] 2016-06-03 (PCT/EP2016/062632)
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- [54] WIRELESS POSITION SENSOR ASSEMBLY FOR A ROTATING ACTUATOR
- [54] ENSEMBLE CAPTEUR DE POSITION SANS FIL DESTINE A UN ACTIONNEUR ROTATIF
- [72] WIMMER, JASON P., US
- [72] CANE, JASON A., US
- [73] NORTEK SECURITY & CONTROL LLC, US
- [85] 2017-12-01
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- [25] EN
- [54] RECEIVER APPARATUS, TRANSMITTER APPARATUS, AND DATA PROCESSING METHOD
- [54] DISPOSITIF DE RECEPTION, DISPOSITIF DE TRANSMISSION, ET PROCEDE DE TRAITEMENT DE DONNEES
- [72] KITAZATO, NAOHISA, JP
- [72] YAMAGISHI, YASUAKI, JP
- [72] KITAHARA, JUN, JP
- [72] YAMANE, TAKETOSHI, JP
- [73] SONY CORPORATION, JP
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 [54] SIGNALISATION DE RESSOURCES DE DISPOSITIF A DISPOSITIF (D2D) EN CAS DE RECONFIGURATIONS LTE-TDD DYNAMIQUES
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 [72] PATIL, SHAILESH, US
 [73] QUALCOMM INCORPORATED, US
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 [54] LINTEAU DE PORTE PROFOND OFFRANT UN DEGAGEMENT MAXIMAL
 [72] EHRLICH, RODNEY P., US
 [72] THOMA, MICHAEL L., US
 [73] WABASH NATIONAL, L.P., US
 [86] (2988494)
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 [54] ADMINISTRATION DE MEDICAMENT ET CONJUGUE CHIMIQUE D'IMAGERIE, FORMULATIONS ET PROCEDES D'UTILISATION ASSOCIES
 [72] ADELMAN, STEVEN JAY, US
 [72] SKERRETT, H. DONLON, US
 [72] KINNEY, WILLIAM A., US
 [73] NANOPHAGIX LLC, US
 [85] 2017-12-06
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 [25] EN
 [54] COMPOSITION AND SYSTEM FOR ATTRACTING LEPIDOPTEROUS INSECTS
 [54] COMPOSITION ET SYSTEME PERMETTANT D'ATTRIRER DES INSECTES LEPIDOPTERES
 [72] EL-SAYED, ASHRAF M., NZ
 [73] THE NEW ZEALAND INSTITUTE FOR PLANT AND FOOD RESEARCH LIMITED, NZ
 [85] 2017-12-08
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 [54] SYSTEME ET PROCEDE D'INSPECTION AUTOMATIQUE DE SURFACE
 [72] CLAYBROUGH, MATTHIEU, FR
 [73] DONECLE, FR
 [85] 2017-12-12
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 [54] ASSEMBLAGE DE PILE A COMBUSTIBLE AVEC BANDES DE COMPRESSION LE LONG DE SURFACE PLANES DE L'ASSEMBLAGE
 [72] MYERS, DAVID, CA
 [72] SKINNER, GEORGE, CA
 [72] GALLAGHER, EMERSON R., CA
 [73] BALLARD POWER SYSTEMS INC., CA
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[54] POLYMERES DE RUPTURE D'EMULSIONS INVERSES
[72] BALSAMO DE HERNANDEZ, VITTORIA, US
[72] PHAN, JENNY L., US
[72] KURIAN, PIOUS, US
[73] CHAMPIONX USA INC., US
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[86] 2016-06-16 (PCT/US2016/037871)
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[54] ACTUATOR FOR CHOKE VALVE
[54] ACTIONNEUR POUR SOUPAPE D'ETRANGLEMENT
[72] BOURGOINE, RYAN, US
[72] GLIKIN, IGOR, US
[72] FORBORD, JEREMY, US
[72] ROSENGREN, GARY W., US
[72] KERANEN, LUCAS, US
[73] TOLOMATIC, INC., US
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[86] 2016-06-16 (PCT/US2016/037759)
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[54] WORKHEAD ASSEMBLY FOR RAIL APPLICATIONS
[54] ENSEMBLE TETE PORTE-PIECE POUR APPLICATIONS FERROVIAIRES
[72] VARGAS, VICTOR, US
[72] ALFORD, ROB, US
[72] SAMI, REZA, US
[73] HARSCO TECHNOLOGIES LLC, US
[85] 2018-01-08
[86] 2016-06-29 (PCT/US2016/040123)
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[72] FAUST, MARCUS, JR., US
[72] PHAN, TRI, US
[72] EDOVIA, THEOPHILUS, US
[72] HANCOCK, MATTHEW, US
[73] CHAMPIONX USA INC., US
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[54] COMPOSES, COMPOSITIONS ET PROCEDES POUR AUGMENTER L'ACTIVITE DU CFTR
[72] MUÑOZ, BENITO, US
[72] BASTOS, CECILIA M., US
[72] MILLER, JOHN, US
[73] PROTEOSTASIS THERAPEUTICS, INC., US
[85] 2018-01-23
[86] 2016-07-25 (PCT/US2016/043835)
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[25] EN
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[54] AGONISTES MUSCARINIQUES
[72] BROWN, GILES ALBERT, GB
[72] CONGREVE, MILES STUART, GB
[72] PICKWORTH, MARK, GB
[72] TEHAN, BENJAMIN GERALD, GB
[73] HEPTARES THERAPEUTICS LIMITED, GB
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[54] MULTI-FUNCTION CLAMP
[54] PINCE MULTIFONCTIONNELLE
[72] EVATT, THOMAS, US
[73] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[86] (2993728)
[87] (2993728)
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[25] EN
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[54] ACTIONNEUR HYDRAULIQUE, EN PARTICULIER DU TYPE AMORTISSEMENT ET/OU ABSORPTION DE CHOCS
[72] ANTONIONI, ANGELO, IT
[73] ANTONIONI HYDRAULIC SOLUTIONS S.R.L., IT
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 [54] CONNECTEUR MALE ET ADAPTATEUR
 [72] TAKEUCHI, MASAHIKO, JP
 [73] JMS CO., LTD., JP
 [85] 2018-01-29
 [86] 2016-08-02 (PCT/JP2016/072607)
 [87] (WO2017/022741)
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 [54] CANAL DE DRAINAGE POUR UNE SORTIE DE VIDANGE AU SOL
 [72] HOHAIA, GRANT, NZ
 [73] JESANI LIMITED, NZ
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 [25] EN
 [54] A FLUOROSCOPY-BASED TECHNIQUE TO MEASURE INTRAOPERATIVE CUP ANTEVERSION
 [54] TECHNIQUE A BASE DE RADIOSCOPIE POUR MESURER L'ANTEVERSION DE CUPULE PEROPERATOIRE
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 [72] ZINGG, MATTHIEU, CH
 [73] BOETTNER, FRIEDRICH, US
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 [54] CHIRAL PHOSPHORAMIDIMIDATES AND DERIVATIVES THEREOF
 [54] PHOSPHORAMIDIMIDATES CHIRaux ET LEURS DERIVES
 [72] LIST, BENJAMIN, DE
 [72] KAIB, PHILIP STEPHAN JOSEPH, DE
 [72] SCHREYER, LUCAS, DE
 [72] LEE, SUNGGI, DE
 [72] PROPERZI, ROBERTA, DE
 [72] LIU, LUPING, DE
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 [54] BIOMATERIAUX POUR UNE THERAPIE D'ASSOCIATION RADIOTHERAPIE-CHIMIOTHERAPIE CONTRE LE CANCER
 [72] NGWA, WILFRED, US
 [72] KUMAR, RAJIV, US
 [72] MAKRIGIORGOS, GERASSIMOS, US
 [72] SRIOHAR, SRINIVAS, US
 [72] DOUGAN, STEPHANIE, US
 [73] NORTHEASTERN UNIVERSITY, US
 [73] DANA-FARBER CANCER INSTITUTE, INC., US
 [73] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
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 [54] TRAITEMENT A L'ACIDE POUR ENGRAIS VISANT A RENFORCER LA SOLUBILITE ET LA DISPONIBILITE DU ZINC
 [72] MCCLAUGHLIN, MICHAEL JOHN, US
 [72] DEGRYSE, JOZEFIEN LOUISA ELVIRE, US
 [72] BAIRD, ROSLYN JANE, US
 [72] DA SILVA, RODRIGO COQUI, US
 [72] BAYLOR, BRYAN TODD, US
 [72] PEACOCK, LAWRENCE ALAN, US
 [73] THE MOSAIC COMPANY, US
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 [54] STRUCTURE DE PIXELS PHOTOSENSIBLES AVEC REVETEMENT SUR LA FACE AVANT
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 [73] PIXIUM VISION SA, FR
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 - [54] POLYPEPTIDES DE FUSION A BASE DE B7-H1 POUR TRAITER ET PREVENIR LA DÉFAILLANCE VISCERALE
 - [72] VON KNETHEN, ANDREAS, DE
 - [72] PARHAM, MICHAEL, DE
 - [72] SHA, LISA, DE
 - [73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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- [54] FLEXIBLE CONE-SHAPED INTRA-VAGINAL SUPPORT DEVICE
- [54] DISPOSITIF DE SUPPORT INTRA-VAGINAL SOUPLE ET EN FORME DE CONE
- [72] CONTI, ALLISON, US
- [73] WATKINS-CONTI PRODUCTS, INC., US
- [85] 2018-02-20
- [86] 2016-08-19 (PCT/US2016/047859)
- [87] (WO2017/031456)
- [30] US (62/283,092) 2015-08-20
- [30] US (15/242,105) 2016-08-19

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 - [25] EN
 - [54] APPARATUS AND METHOD FOR PERFORMING A LIGHT-ABSORPTION MEASUREMENT ON A TEST SAMPLE AND A COMPLIANCE MEASUREMENT ON A REFERENCE SAMPLE
 - [54] APPAREIL ET PROCEDE POUR LA REALISATION D'UNE MESURE D'ABSORPTION DE LUMIERE SUR UN ECHANTILLON D'ESSAI ET D'UNE MESURE DE CONFORMITE SUR UN ECHANTILLON DE REFERENCE
 - [72] POL, TOMASZ, US
 - [72] KUO, CHUN-HUNG, US
 - [72] MARKS, WILLIAM ALAN, US
 - [73] METTLER-TOLEDO GMBH, CH
 - [85] 2018-02-23
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 - [87] (WO2017/036821)
 - [30] US (14/840,516) 2015-08-31
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- [25] EN
- [54] FILTER APPARATUS FOR THE TREATMENT OF HYDROCARBON CONTAMINATED WATER
- [54] APPAREIL DE FILTRE DESTINE AU TRAITEMENT DE L'EAU CONTAMINEE AUX HYDROCARBURES
- [72] BAZRI, MOHAMMAD M., CA
- [72] MORADI, SONA, CA
- [72] TOECKES, MARK, CA
- [72] TRAUTMAN, EARL, CA
- [73] DONMARK HOLDINGS INC., CA
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- [72] OWEN, YAWEN Q., US
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- [54] MACHINE DE RECOLTE COMPORTANT DES DOIGTS CAPTEURS RETRACTABLES, A PRESSION AU SOL REGLABLE ET CONTROLE D'INCLINAISON DE RECOLTEUSE
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- [72] OTTO, PHILIP, CA
- [72] BARNETT, NEIL, CA
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- [73] TYCO INTEGRATED SECURITY, LLC, US
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 - [72] MITCHELL, JEFFREY JOSEPH, US
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- [72] LASSNER, MICHAEL, US
- [72] LU, JIAN, US
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- [72] PATTER, PHILLIP A., US
- [72] SIEHL, DANIEL, US
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 - [54] PLAGES DE CAPACITE DYNAMIQUE POUR L'ACHEMINEMENT DE MAIN-D'OEUVRE
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 - [73] ARRIS INTERNATIONAL IP LTD, GB
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- [54] ENSEMBLE ORTHODONTIQUE
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- [73] KHOURI, JOHN H., US
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 - [54] ENSEMBLE D'ANCRAGE HYDRAULIQUE POUR POMPE INSERABLE A CAVITE EVOLUTIVE
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 - [73] INFLATABLE PACKERS INTERNATIONAL PTY LTD, AU
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- [72] PRICE, NEIL, GB
- [73] SAFRAN LANDING SYSTEMS UK LIMITED, GB
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[25] EN	[25] EN	[25] EN
[54] ENHANCED PDM PERFORMANCE TESTING DEVICE	[54] MULTIPLE-EYE, SINGLE- DISPLAY, ULTRAWIDE-FIELD- OF-VIEW OPTICAL SEE- THROUGH AUGMENTED REALITY SYSTEM	[54] SYSTEME DE REALITE AUGMENTEE TRANSPARENT OPTIQUE A CHAMP DE VISION ULTRA-LARGE, A AFFICHEUR UNIQUE, A YEUX MULTIPLES
[54] DISPOSITIF DE TEST DE RENDEMENT DE PDM AMELIORE	[54] SYSTEME DE REALITE AUGMENTEE TRANSPARENT OPTIQUE A CHAMP DE VISION ULTRA-LARGE, A AFFICHEUR UNIQUE, A YEUX MULTIPLES	[54] SYSTEME DE REALITE AUGMENTEE TRANSPARENT OPTIQUE A CHAMP DE VISION ULTRA-LARGE, A AFFICHEUR UNIQUE, A YEUX MULTIPLES
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[72] MILLER, TIMOTHY MARK, US	[72] GOERGEN, PATRICK J., US	[72] GOERGEN, PATRICK J., US
[72] LU, JING, US	[72] CROWE, RANDEL A., US	[72] CROWE, RANDEL A., US
[73] ABACO DRILLING TECHNOLOGIES LLC, US	[72] SMITH, DAVID A., US	[72] SMITH, DAVID A., US
[86] (3002332)	[72] BOGGS, RICK, US	[72] BOGGS, RICK, US
[87] (3002332)	[72] SAEZER, CYNTHIA M., US	[72] SAEZER, CYNTHIA M., US
[22] 2018-04-20	[72] DEMBINSKI, MICHAEL A., US	[72] DEMBINSKI, MICHAEL A., US
[30] US (15/948,847) 2018-04-09	[73] LOCKHEED MARTIN CORPORATION, US	[73] LOCKHEED MARTIN CORPORATION, US
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		[73] HETTICH-ONI GMBH & CO. KG, DE
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 - [72] LIN, JAMES, US
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- [73] MONTANE MEDICAL CORPORATION, CA
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 - [72] CARENZI, GIACOMO, IT
 - [72] BRUNATI, MARA, IT
 - [72] SIGURTA', ALESSANDRO, IT
 - [72] TARAVELLA, ANNA, IT
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[54] HIGH VOLTAGE POWER FUSE
INCLUDING FATIGUE
RESISTANT FUSE ELEMENT

[54] FUSIBLE DE PUISSANCE HAUTE
TENSION COMPRENANT UN
ELEMENT FUSIBLE RESISTANT
A L'USURE

[72] DOUGLASS, ROBERT STEPHEN, US

[72] KANAPADY, RAMDEV, US

[73] EATON INTELLIGENT POWER
LIMITED, IE

[85] 2018-12-13

[86] 2017-04-27 (PCT/US2017/029774)

[87] (WO2017/222640)

[30] US (15/186,674) 2016-06-20

[11] 3,030,153

[13] C

[51] Int.Cl. A61M 1/00 (2006.01) A61M
27/00 (2006.01)

[25] EN

[54] FLUID FLOW SENSING

[54] DETECTEUR DE L'ECOULEMENT
D'UN LIQUIDE.

[72] SELBY, ROBERT GORDON
MAURICE, GB

[72] PERDIGO-OLIVERAS, ARNAU, GB

[72] VAN DEN BERGH, RODERICK
MARCUS, GB

[73] CONVATEC TECHNOLOGIES INC.,
US

[85] 2019-01-07

[86] 2017-07-07 (PCT/US2017/041216)

[87] (WO2018/009879)

[30] US (62/360,248) 2016-07-08

[11] 3,030,593

[13] C

[51] Int.Cl. E05D 3/16 (2006.01) E05F 1/12
(2006.01) E05F 3/04 (2006.01) E05F
3/20 (2006.01)

[25] EN

[54] DAMPER DEVICE

[54] MOYEN D'AMORTISSEMENT

[72] SCHÄRER, ALEXANDER, CH

[72] DIENES, THOMAS, CH

[72] STOCKLI, KASPAR, CH

[73] USM U. SCHÄRER SOHNE AG, CH

[85] 2019-01-11

[86] 2017-04-19 (PCT/EP2017/059287)

[87] (WO2018/024379)

[30] EP (16182383.6) 2016-08-02

[11] 3,033,264

[13] C

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(2006.01) A62B 5/00 (2006.01)

[25] EN

[54] RESCUE DEVICE

[54] DISPOSITIF DE SAUVETAGE

[72] DOHERTY, SEBASTIEN, CA

[73] DOHERTY, SEBASTIEN, CA

[86] (3033264)

[87] (3033264)

[22] 2019-02-08

[30] GB (1804037.8) 2018-03-14

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[25] EN

[54] THIENOPYRIMIDINE COMPOUND, PREPARATION METHOD THEREOF, PHARMACEUTICAL COMPOSITION AND APPLICATION THEREOF

[54] COMPOSE THIENOPYRIMIDINE, SON PROCEDE DE PREPARATION, COMPOSITION PHARMACEUTIQUE ET APPLICATIONS ASSOCIEES

[72] DENG, XIANMING, CN

[72] ZHANG, BAODING, CN

[72] LIU, SHUANG, CN

[72] DONG, CHAO, CN

[72] SUN, XIHUAN, CN

[72] HUANG, XIAOXING, CN

[72] DENG, ZHOU, CN

[72] LI, YUNZHAN, CN

[72] LU, YUE, CN

[72] LI, LI, CN

[72] HU, ZHIYU, CN

[73] XIAMEN UNIVERSITY, CN

[85] 2019-02-08

[86] 2017-09-28 (PCT/CN2017/103983)

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[11] 3,033,466

[13] C

[51] Int.Cl. H04W 36/14 (2009.01) H04W 92/04 (2009.01)

[25] EN

[54] RADIO ACCESS NETWORK NODE, RADIO TERMINAL, AND METHOD THEREFOR

[54] NOEUD DE RESEAU D'ACCES RADIO, TERMINAL SANS FIL, ET PROCEDES ASSOCIES

[72] FUTAKI, HISASHI, JP

[72] HAYASHI, SADAFUKU, JP

[73] NEC CORPORATION, JP

[85] 2019-02-08

[86] 2017-05-16 (PCT/JP2017/018317)

[87] (WO2018/029932)

[30] JP (2016-158279) 2016-08-10

[11] 3,033,736

[13] C

[51] Int.Cl. C12N 15/63 (2006.01) C12N 5/078 (2010.01) A61K 35/14 (2015.01) C12N 9/22 (2006.01) C12N 15/85 (2006.01)

[25] EN

[54] MANIPULATED IMMUNOREGULATORY ELEMENT AND IMMUNITY ALTERED THEREBY

[54] ELEMENT IMMUNOREGULATEUR MANIPULE ET IMMUNITE AINSI MODIFIEE

[72] KIM, SEOK JOONG, KR

[72] KIM, YOON-YOUNG, KR

[72] YU, HO-SUNG, KR

[72] JUNG, IN-YOUNG, KR

[72] LEE, JUNG MIN, KR

[73] TOOLGEN INCORPORATED, KR

[85] 2019-02-12

[86] 2017-08-14 (PCT/KR2017/008835)

[87] (WO2018/030874)

[30] KR (10-2016-0103308) 2016-08-12

[30] US (62/502,822) 2017-05-08

[11] 3,033,740

[13] C

[51] Int.Cl. B21J 5/06 (2006.01) B64F 5/10 (2017.01) B23P 19/04 (2006.01) F16B 19/05 (2006.01)

[25] EN

[54] OFFSET FASTENER INSTALLATION SYSTEM

[54] SYSTEME D'INSTALLATION DE FIXATION DECALEE

[72] CHAN, KWOK TUNG, US

[72] SISCO, TANNI, US

[72] REID, ERIC M., US

[72] HARTMANN, JOHN, US

[72] DEVLIN, JEFFREY MARTIN, US

[73] THE BOEING COMPANY, US

[86] (3033740)

[87] (3033740)

[22] 2019-02-13

[30] US (15/923378) 2018-03-16

[11] 3,035,111

[13] C

[51] Int.Cl. G01L 9/00 (2006.01) G01L 19/14 (2006.01)

[25] EN

[54] PROCESS PRESSURE

TRANSMITTER WITH POLYMER SEAL

[54] TRANSMETTEUR DE PRESSION DE PROCESSUS AVEC JOINT EN POLYMER

[72] LI, BAOGANG, CN

[73] ROSEMOUNT INC., US

[85] 2019-02-26

[86] 2016-09-30 (PCT/CN2016/100974)

[87] (WO2018/058487)

[11] 3,035,963

[13] C

[51] Int.Cl. G05B 19/418 (2006.01)

[25] EN

[54] SYSTEM AND METHOD FOR PRODUCING PRODUCTS BASED UPON DEMAND

[54] SYSTEME ET PROCEDE DE PRODUCTION DE PRODUITS SUR LA BASE DE LA DEMANDE

[72] BURKHARD, RYAN ANDREW, US

[72] MOORE, NATHAN E., US

[72] FIKES, ELIZABETH MARIE, US

[72] ROYCE, DANIEL RICHARD, US

[72] BALLMAN, KYLE CHRISTOPHER, US

[72] TYSEN, JULIE ELIZABETH, US

[73] THE PROCTER & GAMBLE COMPANY, US

[85] 2019-03-06

[86] 2017-09-08 (PCT/US2017/050626)

[87] (WO2018/049121)

[30] US (62/385,314) 2016-09-09

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- [25] EN
- [54] IMPROVEMENTS IN TABLET MANUFACTURE
- [54] AMELIORATIONS APPORTEES A LA FABRICATION DE COMPRIMES
- [72] GAMLEN, MICHAEL JOHN DESMOND, GB
- [72] DOMINGUE, JOSEPH CHARLES, US
- [72] KAFEMAN, HENRY DAVID, GB
- [73] GAMLEN TABLETING LIMITED, GB
- [85] 2019-03-13
- [86] 2016-10-21 (PCT/GB2016/053309)
- [87] (WO2017/068375)
- [30] GB (1518842.8) 2015-10-23
- [30] GB (1605939.6) 2016-04-07
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[11] **3,036,868**
[13] C

- [51] Int.Cl. G06Q 10/087 (2023.01) G06F 16/27 (2019.01) G06Q 30/018 (2023.01) G06F 7/00 (2006.01)
- [25] EN
- [54] BLOCKCHAIN ASSISTED ASSET PEDIGREE TRACEBACK
- [54] RETRACAGE DE LA GENEALOGIE GENETIQUE D'UN BIEN ASSISTE PAR CHAINE DE BLOCS
- [72] DAHOD, SHABBIR M., US
- [72] STURIM, ROBERT, US
- [72] NARAYAN, VIVEK MADHU SUDAN BADRI, US
- [72] DEUS, LUCIA, US
- [73] TRACELINK, INC., US
- [86] (3036868)
- [87] (3036868)
- [22] 2019-03-15
- [30] US (16/296,674) 2019-03-08
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[11] **3,037,728**
[13] C

- [51] Int.Cl. C07D 231/12 (2006.01) A61K 31/337 (2006.01) A61K 31/38 (2006.01) A61K 31/416 (2006.01) A61K 31/4184 (2006.01) A61P 3/00 (2006.01) A61P 25/00 (2006.01) C07D 233/54 (2006.01) C07D 403/06 (2006.01) C07D 403/14 (2006.01) C07D 407/04 (2006.01) C07D 409/04 (2006.01) C07D 487/04 (2006.01) C07D 487/08 (2006.01) C07D 487/10 (2006.01)
- [25] EN
- [54] 4,6-INDAZOLE COMPOUNDS AND METHODS FOR IDO AND TDO MODULATION, AND INDICATIONS THEREFOR
- [54] COMPOSES DE 4,6-INDAZOLE ET METHODES DE MODULATION IDO ET TDO, ET INDICATIONS CONNEXES
- [72] ZHANG, JIAZHONG, US
- [72] POWERS, HANNAH, US
- [72] ALBERS, AARON, US
- [72] PHAM, PHUONGLY, US
- [72] WU, GUOXIAN, US
- [72] BUELL, JOHN, US
- [72] SPEVAK, WAYNE, US
- [72] GUO, ZUOJUN, US
- [72] WALLESHAUSER, JACK, US
- [72] ZHANG, YING, US
- [73] PLEXXIKON INC., US
- [85] 2019-03-20
- [86] 2017-09-22 (PCT/US2017/053080)
- [87] (WO2018/057973)
- [30] US (62/398,409) 2016-09-22
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[11] **3,038,202**
[13] C

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- [25] EN
- [54] A DRIVE TRANSFER MEMBER FOR OPERABLY COUPLING A DRAPER TO A HARVESTING MACHINE
- [54] ELEMENT DE TRANSFERT D'ENTRAINEMENT POUR LE RACCORD FONCTIONNEL D'UN CONVOYEUR A TOILE A UNE MACHINE DE RECOLTE
- [72] BARNETT, NEIL, US
- [72] DIETSCH, SCOTT, US
- [73] MACDON INDUSTRIES LTD., CA
- [86] (3038202)
- [87] (3038202)
- [22] 2018-04-25
- [62] 3,002,835
- [30] US (15/642,526) 2017-07-06
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[11] **3,038,298**
[13] C

- [51] Int.Cl. H05B 6/06 (2006.01) C21D 9/60 (2006.01) H05B 6/10 (2006.01)
- [25] EN
- [54] ROTATING MAGNET HEAT INDUCTION
- [54] INDUCTION DE CHALEUR PAR AIMANTS ROTATIFS
- [72] SON, CHANGOOK, US
- [72] BENDZINSKI, DUANE E., US
- [72] KAMAT, RAJEEV G., US
- [72] WRIGHT, DAVID SKINGLEY, DE
- [72] HOBBIS, ANDREW JAMES, CA
- [72] BESSON, CHRISTOPHE, CH
- [72] PRALONG, ANTOINE JEAN WILLY, CH
- [72] KNELSEN, PETER, US
- [72] GAENSBAUER, DAVID ANTHONY, US
- [72] BROWN, RODGER, US
- [72] KOSMICKI, MICHAEL, US
- [72] CUSTERS, DAVID MICHAEL, CA
- [72] IYER, NATASHA, US
- [72] WAGSTAFF, ROBERT BRUCE, US
- [72] MANAVBASI, ALP, US
- [73] NOVELIS INC., US
- [85] 2019-03-25
- [86] 2017-09-27 (PCT/US2017/053819)
- [87] (WO2018/064224)
- [30] US (62/400,426) 2016-09-27
- [30] US (62/505,948) 2017-05-14
- [30] US (62/529,053) 2017-07-06
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[11] **3,042,037**
[13] C

- [51] Int.Cl. B60R 9/06 (2006.01) B60R 5/04 (2006.01) B60R 7/08 (2006.01) B62D 33/02 (2006.01) B62D 33/04 (2006.01)
- [25] EN
- [54] MIDSIZE VEHICLE STORAGE SYSTEM
- [54] SYSTEME DE STOCKAGE DE VEHICULE DE TAILLE MOYENNE
- [72] SMITH, TIMOTHY RAYMOND, US
- [72] PETERS, JAKE, US
- [73] DECKED, LLC, US
- [85] 2019-04-26
- [86] 2017-10-27 (PCT/US2017/058897)
- [87] (WO2018/081658)
- [30] US (62/414,203) 2016-10-28
- [30] US (15/360,513) 2016-11-23

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[13] C

[51] Int.Cl. C10L 1/12 (2006.01)

[25] EN

[54] FUEL ADDITIVE COMPOSITION AND RELATED METHODS AND COMPOSITIONS

[54] COMPOSITION D'ADDITIF POUR CARBURANT, PROCEDES ET COMPOSITIONS ASSOCIES

[72] REMONDINI, STEPHEN J., US

[72] CARROLL, JOHN, US

[72] ALLEN, HAROLD H., JR., US

[73] PURIFY FUELS, INC., US

[85] 2019-05-03

[86] 2016-11-04 (PCT/US2016/060523)

[87] (WO2017/079552)

[30] US (62/251,021) 2015-11-04

[11] 3,045,003

[13] C

[51] Int.Cl. F03D 13/25 (2016.01) B63B 21/50 (2006.01) B63B 35/44 (2006.01) F03D 7/02 (2006.01) F03D 7/04 (2006.01) G05D 1/00 (2006.01)

[25] EN

[54] CONTROL SYSTEM FOR A FLOATING WIND TURBINE STRUCTURE

[54] SYSTEME DE COMMANDE POUR D'UNE STRUCTURE D'EOILIENNE FLOTTANTE

[72] NIELSEN, FINN GUNNAR, NO

[72] SKAARE, BJORN, NO

[73] HYWIND AS, NO

[85] 2019-05-24

[86] 2016-11-29 (PCT/NO2016/050245)

[87] (WO2018/101833)

[11] 3,046,380

[13] C

[51] Int.Cl. C09K 21/04 (2006.01) B01F 23/53 (2022.01) B01F 35/75 (2022.01) B27K 3/50 (2006.01)

[25] EN

[54] METHOD FOR PRODUCING AQUEOUS DISPERSIONS FOR USE AS A FLAME RETARDANT ADDITIVE TO WOOD COMPOSITE PANELS

[54] PROCEDE DE PRODUCTION DE DISPERSIONS AQUEUSES DESTINEES A ETRE UTILISEES COMME ADDITIF RETARDATEUR DE FLAMME DANS DES PANNEAUX COMPOSITES EN BOIS

[72] DAESELEIRE, PIETER, BE

[72] MEYNAERTS, HERMAN, BE

[73] ECOCHEM INTERNATIONAL, NAAMLOZE VENNOOTSCHAP, BE

[85] 2019-06-06

[86] 2017-12-26 (PCT/EP2017/084590)

[87] (WO2018/122222)

[30] BE (BE2016/5997) 2016-12-30

[30] BE (BE2017/5167) 2017-03-17

[11] 3,047,264

[13] C

[51] Int.Cl. B21F 15/06 (2006.01) B21F 7/00 (2006.01) E04G 21/12 (2006.01)

[25] EN

[54] BINDING MACHINE

[54] LIEUSE

[72] ITAGAKI, OSAMU, JP

[72] KASAHARA, AKIRA, JP

[72] NAGAOKA, TAKAHIRO, JP

[73] MAX CO., LTD., JP

[86] (3047264)

[87] (3047264)

[22] 2016-07-21

[62] 2,990,150

[30] JP (2015-145283) 2015-07-22

[30] JP (2016-136067) 2016-07-08

[11] 3,047,949

[13] C

[51] Int.Cl. G06Q 50/16 (2012.01)

[25] EN

[54] VALUE MAP GENERATION AND PROCESSING

[54] CREATION ET TRAITEMENT D'UNE CARTE DE VALEUR

[72] HEASTON, RICHARD ALAN, US

[73] REIMAGINE SELLING LLC, US

[86] (3047949)

[87] (3047949)

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[30] US (62/692,305) 2018-06-29

[11] 3,047,049

[13] C

[51] Int.Cl. C07K 16/40 (2006.01) A61K 39/395 (2006.01) A61P 3/06 (2006.01) C12N 15/13 (2006.01) C12N 15/63 (2006.01) G01N 33/573 (2006.01)

[25] EN

[54] ANTI-PCSK9 ANTIBODY AND USE THEREOF

[54] ANTICORPS ANTI-PCSK9 ET SON APPLICATION

[72] TSUN, ANDY, CN

[72] KRAULAND, ERIC, CN

[72] BELK, JONATHAN P., CN

[72] MIAO, XIAONIU, CN

[72] ZHANG, MIN, CN

[72] BOLAND, NADTHAKARN, CN

[72] LIU, XIAOLIN, CN

[72] YU, DECHAO, CN

[73] INNOVENT BIOLOGICS (SUZHOU) CO., LTD., CN

[85] 2019-06-13

[86] 2017-12-22 (PCT/CN2017/118050)

[87] (WO2018/113781)

[30] CN (201611210645.3) 2016-12-24

[11] 3,049,506

[13] C

[51] Int.Cl. A61F 13/02 (2006.01) D04H 1/425 (2012.01) D04H 1/4258 (2012.01) D04H 1/4309 (2012.01) A61L 15/60 (2006.01)

[25] EN

[54] FIBER MATERIAL COMPRISING A SUBSTRATE OF NON-IONIC, NON-WOVEN FIBERS AND AN AGENT CAPABLE OF FORMING A HYDROGEN BOND

[54] MATERIAU FIBREUX COMPRENANT UN SUBSTRAT DE FIBRES NON TISSEES NON IONIQUES ET UN AGENT CAPABLE DE FORMER UNE LIAISON D'HYDROGÈNE

[72] CARLSSON, ERIK, SE

[73] MOLNLYCKE HEALTH CARE AB, SE

[85] 2019-07-05

[86] 2018-01-17 (PCT/EP2018/051064)

[87] (WO2018/137979)

[30] EP (17153138.7) 2017-01-25

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 [25] EN
 [54] METHOD AND SYSTEM FOR SOLID PARTICLE REMOVAL
 [54] PROCEDE ET SYSTEME D'ELIMINATION DE PARTICULE SOLIDE LIBRES SOLIDES
 [72] DENTON, CHRIS, US
 [72] RESIO, FEDERICO CARLOS, AR
 [73] CALANDRA RESOURCES, INC., CA
 [85] 2019-07-18
 [86] 2018-01-17 (PCT/US2018/014106)
 [87] (WO2018/136557)
 [30] US (62/447,749) 2017-01-18
 [30] US (62/618,325) 2018-01-17

[11] 3,055,579

[13] C

- [51] Int.Cl. G16H 20/10 (2018.01) G16H 10/60 (2018.01) G06F 16/903 (2019.01)
 [25] EN
 [54] METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR IDENTIFYING POTENTIAL DRUG MISUSE
 [54] METHODE, APPAREIL ET PROGRAMME INFORMATIQUE POUR LA DETERMINATION D'UNE EVENTUELLE UTILISATION IMPROPRE DE MEDICAMENTS
 [72] BLOUIN, JEAN-PHILIPPE, CA
 [72] TURNER, WILLIAM, US
 [73] MCKESSON CANADA CORPORATION, US
 [86] (3055579)
 [87] (3055579)
 [22] 2019-09-16

[11] 3,055,947

[13] C

- [51] Int.Cl. B65G 1/137 (2006.01) B65G 1/04 (2006.01)
 [25] EN
 [54] PARCEL AND ARTICLE SORTING SYSTEM AND METHOD
 [54] SYSTEME ET PROCEDE DE TRI DE COLIS ET D'ARTICLES
 [72] ZHU, JIANQIANG, CN
 [72] XU, JUEJING, CN
 [72] SPAIN, JOHN C., US
 [72] FUTCH, MICHAEL C., US
 [72] SERSTAD, JAMES M., US
 [72] KAMINSKA, RICHARD C. III, US
 [72] MCKNIGHT, SELDEN W. JR., US
 [73] ZHEJIANG LIBIAO ROBOT CO., LTD., CN
 [73] TOMPKINS ROBOTICS, INC., US
 [85] 2019-09-09
 [86] 2018-02-22 (PCT/US2018/019135)
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 [30] US (15/455,094) 2017-03-09

[11] 3,058,954

[13] C

- [51] Int.Cl. C08L 67/02 (2006.01)
 [25] EN
 [54] BIODEGRADABLE FILM
 [54] FILM BIODEGRADABLE
 [72] SCHMIDT, HARALD, DE
 [72] MATHAR, JOHANNES, NL
 [72] ROLOFF, THORSTEN, DE
 [72] FRIEDEK, WOLFGANG, DE
 [73] BIO-TEC BIOLOGISCHE NATURVERPACKUNGEN GMBH & CO. KG, DE
 [85] 2019-10-03
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 [87] (WO2018/184897)
 [30] DE (10 2017 003 340.4) 2017-04-05

[11] 3,059,451

[13] C

- [51] Int.Cl. F16B 37/14 (2006.01) B64D 45/02 (2006.01)
 [25] EN
 [54] EME PROTECTION CAP SYSTEM WITH PUSH SEALANT EXTRUSION MECHANISM
 [54] SYSTEME DE CAPUCHON DE PROTECTION EME AVEC MECANISME D'EXTRUSION DE PRODUIT D'ETANCHEITE PAR POUSSEE
 [72] AUFGINGER, SEAN, US
 [72] STEVENS, BART, US
 [73] THE BOEING COMPANY, US
 [86] (3059451)
 [87] (3059451)
 [22] 2019-10-18
 [30] US (16/196089) 2018-11-20

[11] 3,059,708

[13] C

- [51] Int.Cl. A43B 13/18 (2006.01) A43B 7/22 (2006.01) A43B 17/00 (2006.01) A43B 17/02 (2006.01)
 [25] EN
 [54] ENERGY RETURN ORTHOTIC SYSTEMS
 [54] SYSTEMES ORTHETIQUES DE RETOUR D'ENERGIE
 [72] BUTLER, BARRY A., US
 [73] BUTLER, BARRY A., US
 [85] 2019-10-10
 [86] 2017-04-24 (PCT/US2017/029141)
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[25] EN
[54] SYSTEM AND METHOD FOR CARBON DIOXIDE CAPTURE AND SEQUESTRATION
[54] SYSTEME ET PROCEDE DE CAPTURE ET DE SEQUESTRATION DE DIOXYDE DE CARBONE
[72] EISENBERGER, PETER, US
[73] GLOBAL THERMOSTAT OPERATIONS, LLC, US
[86] (3061094)
[87] (3061094)
[22] 2011-04-29
[62] 2,798,045
[30] US (61/330,108) 2010-04-30
[30] US (61/351,216) 2010-06-03
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[11] 3,061,440

[13] C

- [51] Int.Cl. G02B 21/24 (2006.01) G02B 21/36 (2006.01)
[25] EN
[54] OPTICAL SCANNING ARRANGEMENT AND METHOD
[54] AGENCEMENT ET PROCEDE DE BALAYAGE OPTIQUE
[72] FEIRER, CHRISTIAN, DE
[72] BERNITT-RINGERING, ERIK, DE
[72] PAUL, MARC, DE
[72] ROZNOWICZ, RAFAEL, DE
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[54] SYSTEMES ET PROCEDES DE TRAITEMENT D'OBJETS COMPRENANT DES SYSTEMES DE SUPPORTS MATRICIELS MOBILES
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[72] AHEARN, KEVIN, US
[72] COHEN, BENJAMIN, US
[72] DAWSON-HAGGERTY, MICHAEL, US
[72] FORT, WILLIAM HARTMAN, US
[72] GEYER, CHRISTOPHER, US
[72] KING, JENNIFER EILEEN, US
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[72] MARONEY, KYLE, US
[72] MCMAHAN, WILLIAM CHU-HYON, US
[72] PRICE, GENE TEMPLE, US
[72] ROMANO, JOSEPH, US
[72] SMITH, DANIEL, US
[72] SRINIVASA, SIDDHARTHA, US
[72] VELAGAPUDI, PRASANNA, US
[72] ALLEN, THOMAS, US
[72] AMEND, JOHN RICHARD JR., US
[72] KOVAL, MICHAEL CAP, US
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- [54] SYSTEMES D'ENTRETIEN A UTILISER DANS DES SYSTEMES ET PROCEDES DE TRAITEMENT D'OBJETS COMPRENANT DES SYSTEMES PORTEURS DE MATRICE MOBILES
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- [72] AMEND, JOHN RICHARD JR., US
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- [72] YAMAOKA, TOSHINARI, CN
- [72] NIE, FANGJIE, CN
- [72] ZHANG, QI, CN
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- [54] **ASPERSEUR ANTI-INCENDIE ET DEFLECTEUR**
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[72] PACIFICO, JOHN, US
[72] WIRTZ, MARCI, US
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[54] METHODE ET SYSTEME POUR DETECTER LA CORRUPTION DE DONNEES
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[72] NEIL, TYLER AUSTIN, CA
[72] TAGGART, MICHAEL JAMES, CA
[73] THE TORONTO-DOMINION BANK, CA
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[72] REMESAT, DARIUS, CA
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 - [54] MODULE DE COMMANDE POUR UN DISPOSITIF DE GENERATION D'AEROSOL MODULAIRE, MODULE POUR DISPOSITIF DE GENERATION D'AEROSOL MODULAIRE ET DISPOSITIF DE GENERATION D'AEROSOL MODULAIRE
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 - [72] MOLONEY, PATRICK, GB
 - [73] NICOVENTURES TRADING LIMITED, GB
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- [25] EN
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 - [72] AXELROD, GLEN S., US
 - [72] WILLIAMS, TERRY, US
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- [54] APPAREIL DE RECEPTION ET METHODE DE RECEPTION CONNEXE
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- [72] VALTON, JULIEN, FR
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- [54] METHODE ET SYSTEME POUR FOURNIR L'ACCES A UN NOEUD D'UNE RESSOURCE PARTAGEE
- [72] NAVARRO, MIGUEL, CA
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- [54] OUTILS DE COMPLETION ACTIVES PAR PRESSION, BOUCHONS DE RUPTURE ET PROCEDES D'UTILISATION
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REBREATHER FOR
UNDERWATER DIVING**
**APPAREIL RESPIRATOIRE
ISOLANT INDIVIDUEL A
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L'IMMERSION SOUS L'EAU**
[72] LUGOVKIN, VADIM
VLADIMIROVICH, RU
[72] GODIONENKO, MAXIM
VITALIEVICH, RU
[73] "AQUABREATHER" LLC, RU
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POSITIONER APPARATUS AND
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[72] MARKHAM, ADAM CHRISTOPHER,
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DETACHABLE POUR UN FER A
FRISER PORTATIF**
[72] PENG, JINHU, CN
[73] DONGGUAN LISI INTELLIGENT
TECHNOLOGY CO., LTD., CN
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SYSTEM**
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 - [72] JEONG, HONG-SIL, KR
 - [72] LOBETE, ANSORREGUI DANIEL,
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 - [72] COLLINS, JOHN F., US
 - [73] CONMED CORPORATION, US
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 - [72] SCHAUER, JOHANNES, AT
 - [72] RAUSCH, MARTIN, AT
 - [73] TGW MECHANICS GMBH, AT
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 - [72] ZHENG, JIANHUA, CN
 - [73] HUAWEI TECHNOLOGIES CO.,
LTD., CN
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- [72] BASUDE, RAGHUVEER, US
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[72] PASQUALOTTO, GIULIANO, US
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[72] ROSSI, JOHN, US
[72] LINN, SCOTT A., US
[73] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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 [72] MELER, JAN, PL
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 [72] NESS, ERIK D., US
 [73] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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 [54] COMMANDE D'UNE MACHINE D'EXERCICE A L'AIDE D'UN PROGRAMME D'ENTRAÎNEMENT VIDÉO
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 [72] BRAMMER, CHASE, US
 [72] HATHAWAY, CHRISTIAN, US
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 [72] LINDLEY, TIMOTHY, DE
 [72] KOLMHOFER, PHILIPP JOHANN, AT
 [72] BARBERA MATEO, MARTA, ES
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 [54] EVALUATION DE MATERIAU D'EMBALLAGE ET APPAREIL ASSOCIE COMPRENANT UN TAMBOUR D'ENROULEMENT FENDU ET/OU MESURE DE FORCE DE CONTENTION SPECIFIQUE
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- [72] MITCHELL, MICHAEL P., US
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- [72] VANDE HAAR, EVAN R., US
- [72] KOLB, BRIAN L., US
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- [73] SIGNODE FINLAND OY, FI
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 - [73] OCFAB LTD., CA
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 - [72] HANANIA, TALEEN G., US
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- [54] COMPOSITIONS ET PROCEDES D'UTILISATION DE COUCHES DE GEL PARTIELLES DANS UN DISPOSITIF MICROFLUIDIQUE
- [72] NAWROTH, JANNA, US
- [72] VILLENAVE, REMI, US
- [72] PETROPOLIS, DEBORA BARREIROS, US
- [72] SHROFF, TANVI, US
- [72] KERNS, S., JORDAN, US
- [72] VARONE, ANTONIO, US
- [73] EMULATE, INC., US
- [85] 2021-10-28
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- [87] (WO2020/227648)
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- [54] VALVE PROTHETIQUE DEPLOYABLE DE MANIERE CONTROLABLE
- [72] FUNG, ERIC SOUN-SANG, CA
- [72] HUNG, KATHLEEN, CA
- [72] CHALEKIAN, AARON J., US
- [72] HABERL, CONNOR LUCAS, CA
- [72] CHEUNG, ANSON WAI CHUNG, CA
- [72] BODELL, KELLEN, US
- [72] BRODEUR, CHRISTOPHER, US
- [72] WONG, KAREN TSOEK-JI, CA
- [73] NEOVASC TIARA INC., CA
- [85] 2021-09-30
- [86] 2020-04-01 (PCT/US2020/026236)
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- [72] MCCLINCHY, SCOTT, US
- [73] PIONEER HI-BRED INTERNATIONAL, INC., US
- [86] (3135775)
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- [30] US (17/478,325) 2021-09-17
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- [25] EN
- [54] USE OF MULTIPLE CHARGED CATIONIC COMPOUNDS DERIVED FROM POLYAMINES AND COMPOSITIONS THEREOF FOR CORROSION INHIBITION IN A WATER SYSTEM
- [54] UTILISATION DE COMPOSES CATIONIQUES A CHARGES MULTIPLES DERIVES DE POLYAMINES ET LEURS COMPOSITIONS POUR LUTTER CONTRE LA CORROSION DANS UN RESEAU D'ALIMENTATION EN EAU
- [72] DHAWAN, ASHISH, US
- [72] MOLONEY, JEREMY, US
- [72] SILVERNAIL, CARTER M., US
- [73] ECOLAB USA INC., US
- [85] 2021-10-07
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- [25] EN
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- [54] REGULATION D'ECOULEMENT SOUTERRAIN POUR OPERATIONS DE FOND DE TROU
- [72] JOUBRAN, JONATHON NAJIB, US
- [72] ALLEN, CLIFFORD, US
- [73] HALLIBURTON ENERGY SERVICES, INC., US
- [85] 2021-10-12
- [86] 2020-06-05 (PCT/US2020/036248)
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- [25] EN
- [54] DEVICE FOR MACHINING WINDOW OR DOOR FRAMES WELDED FROM PROFILE PIECES
- [54] DISPOSITIF D'USINAGE DE CADRES DE FENETRE OU DE PORTE SOUDES A PARTIR DE PIECES PROFILEES
- [72] MULLER, ECKHARD, DE
- [73] ROTOX HOLDING GMBH & CO. KG, DE
- [85] 2021-10-13
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[54] METHODE MISE EN OEUVRE PAR ORDINATEUR POUR LA GENERATION ASSISTEE PAR ORDINATEUR D'UN PROGRAMME DE CONTROLE EXECUTABLE POUR LE CONTROLE ET/OU LA REGULATION D'UN PROCESSUS TECHNIQUE

[72] GRUBER, MARKUS, AT

[73] GRUBER, MARKUS, AT

[85] 2021-11-10

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[87] (WO2020/232486)

[30] AT (A 50458/2019) 2019-05-20

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[54] A HUMIDITY DETECTION EQUIPMENT OF A STRIP

[54] EQUIPEMENT DE DETECTION D'HUMIDITE D'UNE BANDE

[72] BANSAL, AKSHAY, FR

[72] GRIFFAY, GERARD, FR

[72] JANECEK, VLADISLAV, DE

[73] ARCELORMITTAL, LU

[85] 2021-10-21

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[30] IB (PCT/IB2019/054265) 2019-05-23

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[54] SOYBEAN VARIETY 5PPVJ55

[54] VARIETE DE SOYA 5PPVJ55

[72] KRASHENINNIK, NADIA NIKOLAYEVNA, US

[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (3138075)

[87] (3138075)

[22] 2021-11-08

[30] US (17/450,386) 2021-10-08

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[54] SOYBEAN VARIETY 5PQVC29

[54] VARIETE DE SOYA 5PQVC29

[72] HEMINGWAY, JOEL REESE, CA [72] VAN HERK, JOHN GERARD, CA

[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (3138142)

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[22] 2021-11-08

[30] US (17/450,391) 2021-10-08

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[54] SYSTEMES ET PROCEDES POUR DES COMMUNICATIONS SANS FIL DANS UN PUITS

[72] JOSHI, MAHENDRA L., US

[72] LIAO, YI, US

[72] SCOTT, THOMAS MCCLAIN, US

[72] TYSHKO, ALEXEY, US

[72] HOWE, VIRGINIA, US

[72] REEVES, BRIAN, US

[73] BAKER HUGHES OILFIELD OPERATIONS LLC, US

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[54] SOYBEAN VARIETY 5PVAN09

[54] VARIETE DE SOYA 5PVAN09

[72] CARDEN, BRIAN ALLEN, US

[72] RIES, LANDON LINN, US

[73] PIONEER HI-BRED INTERNATIONAL, INC., US

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 [54] CORPS COUILLANT UTILISE DANS UN ROBOT D'INSPECTION POUR UN GROUPE ELECTROGENE ELECTRIQUE
 [72] MIZUNO, DAISUKE, JP
 [72] MORIMOTO, YOSHIHIRO, JP
 [72] FUKUSHIMA, KAZUHIKO, JP
 [72] KADOTA, NAOYA, JP
 [72] TSUMAGARI, KAZUYUKI, JP
 [73] MITSUBISHI ELECTRIC CORPORATION, JP
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 [54] METHODS TO DEHYDRATE GRAVEL PACK AND TO TEMPORARILY INCREASE A FLOW RATE OF FLUID FLOWING FROM A WELLBORE INTO A CONVEYANCE
 [54] PROCEDES POUR DESHYDRATER UN MASSIF DE GRAVIER ET POUR AUGMENTER TEMPORAIREMENT UN DEBIT DE FLUIDE S'ECOULANT DEPUIS UN PUITS DE FORAGE DANS UN ENGIN DE TRANSPORT
 [72] NOVELEN, RYAN MICHAEL, US
 [72] WILLIAMSON, EDMUND CHRISTOPHER, US
 [72] GRECI, STEPHEN MICHAEL, US
 [73] HALLIBURTON ENERGY SERVICES, INC., US
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 [25] EN
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 [54] CENTRALE ELECTRIQUE ET PROCEDE DE NETTOYAGE D'EAU POUR UN CYCLE EAU/VAPEUR A PASSAGE UNIQUE D'UNE CENTRALE ELECTRIQUE
 [72] DYLLUS, RONALD, DE
 [72] ROP, PETER SIMON, NL
 [72] VOIT, KAI, DE
 [73] NEM ENERGY B.V., NL
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 [25] EN
 [54] FACILITATING QUICK EVALUATION OF TRIGGER CONDITIONS FOR BUSINESS RULES THAT MODIFY CUSTOMER-SUPPORT TICKETS
 [54] FACILITER L'EVALUATION RAPIDE DES CONDITIONS DE DECLENCHEMENT DE REGLES OPERATIONNELLES MODIFIANT LES BILLETS DE SOUTIEN A LA CLIENTELE
 [72] BISWAS, SANJEEV KUMAR, SG
 [72] ANANTHANARAYANAN, VANCHESWARAN KODUVAYUR, US
 [73] ZENDESK, INC., US
 [86] (3141968)
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 [54] APPAREIL ET PROCEDE DE PREPARATION D'UNE BOISSON A BASE DE THE OU DE CAFE GLACE
 [72] STANDAAR, KOEN, NL
 [72] KEMP, DENNIS, NL
 [73] KONINKLIJKE DOUWE EGBERTS B.V., NL
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 [86] 2020-05-11 (PCT/EP2020/062994)
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 [25] EN
 [54] ADJUSTMENT APPARATUS AND METHOD FOR DETERMINING A HYDRAULIC THRESHOLD VALUE OF A VALVE
 [54] APPAREIL D'AJUSTEMENT ET METHODE POUR DETERMINER UN SEUIL HYDRAULIQUE D'UNE VALVE
 [72] STRAUB, THOMAS, DE
 [72] STRAUB, PHILIPP, DE
 [72] LANDMESSER, BENJAMIN, DE
 [72] PACKE, CHRISTOPH, DE
 [72] GOTTSSTEIN, DOMINIK, DE
 [73] STRAUB KG, DE
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- [54] APPAREIL ET SYSTEME DE MONTAGE DE TOIT POUR UN SURMONTOIR DE VEHICULE
- [72] HORNSBY, ERIC, US
- [72] DUNN, WILLIAM, US
- [72] BROWN, MIKE, US
- [72] BENNETT, DOUG, US
- [73] MANUFACTURING RESOURCES INTERNATIONAL, INC., US
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- [54] COMPOSITIONS ET MATERIAUX POUR DES ARTICLES A REDUCTION DES ODEURS, COMME LES SACS DE POUBELLE
- [72] YANG, FRANK, US
- [72] WONG, RYAN, US
- [73] SIMPLEHUMAN, LLC, US
- [86] (3144932)
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- [54] HOLLOW SPRING AND METHOD OF MANUFACTURING THE SAME
- [54] RESSORT CREUX ET SON PROCEDE FABRICATION
- [72] SAYAMA, HIRONOBU, JP
- [72] HIROKANE, TORU, JP
- [73] MITSUBISHI STEEL MFG. CO., LTD., JP
- [85] 2021-12-22
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- [25] EN
- [54] AUTOMATED EXCHANGE AND USE OF ATTRIBUTE INFORMATION BETWEEN BUILDING IMAGES OF MULTIPLE TYPES
- [54] ECHANGE AUTOMATISE ET UTILISATION DE RENSEIGNEMENTS D'ATTRIBUT ENTRE DES IMAGES DE BATIMENTS DE MULTIPLES TYPES
- [72] KHOSRAVAN, NAJI, US
- [72] BING KANG, SING, US
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RECEPTOR AGONIST
CHARACTERISTICS AND
PHARMACEUTICAL
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DESTINE AUX OPERATIONS
COMPORTANT UN LIEU DE
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[72] TROY, JAMES J., US
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SYSTEM AND METHODS FOR
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AVERTISSEMENT DE SECURITE
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ASSOCIEES
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[54] APPAREIL DE SUSPENSION INDEPENDANT POUR UNE REMORQUE
[72] BOSCO, MANFRED, CA
[72] WIPF, CORNELIUS, CA
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[73] BOREALIS AG, AT
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[72] MANGADLAO, JOEY DACULA, PH
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[54] DISPOSITIF DE PRODUCTION DE MATERIAU GRANULE EXPANSE
[72] KREMER, HARTMUT, AT
[72] NEUBACHER, JULIAN, AT
[72] TSCHERNKO, HARALD, AT
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[54] OUTILS DE BALAYAGE D'OBSTACLES DE VEHICULE DE MANIPULATION DE MATERIAUX
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[30] US (17/513,589) 2021-10-28
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[25] EN
[54] SAFETY BUMPER ASSEMBLY AND ROBOTIC VEHICLE COMPRISING THE SAME
[54] ENSEMBLE PARE-CHOCS DE SECURITE ET VEHICULE ROBOTISE LE COMPRENANT
[72] CRINKLAW, DAVID, US
[72] SCHAPANSKY, CHASE, US
[72] THOMPSON, GARY, US
[73] GUSS AUTOMATION LLC, US
[85] 2023-03-28
[86] 2020-10-05 (PCT/US2020/054324)
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[13] C

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[25] EN
[54] SYSTEMS AND METHODS FOR CONTROLLING A LIFT AXLE
[54] SYSTEMES ET PROCEDES DE COMMANDE D'UN ESSIEU RELEVABLE
[72] BAILEY, RICHARD, US
[73] NORGRAN GT DEVELOPMENT LLC, US
[85] 2023-05-03
[86] 2021-12-08 (PCT/EP2021/084762)
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[13] C

- [51] Int.Cl. B61L 23/18 (2006.01)
[25] EN
[54] VEHICLE BRAKING METHOD AND DEVICE, AND TRAIN
[54] PROCEDE ET DISPOSITIF DE FREINAGE DE VEHICULE, ET TRAIN
[72] WANG, TIANNONG, CN
[72] WANG, YANCUI, CN
[72] YANG, LILI, CN
[72] TIAN, QING, CN
[72] ZHANG, ZUWEI, CN
[73] CRRC QINGDAO SIFANG CO., LTD., CN
[85] 2023-04-17
[86] 2021-05-17 (PCT/CN2021/094001)
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[13] C

- [51] Int.Cl. H04L 49/005 (2022.01)
[25] EN
[54] UTILIZING LEFTOVER RETURN CHANNEL BANDWIDTH IN A SATELLITE SYSTEM
[54] UTILISATION DE BANDE PASSANTE RESTANTE DE CANAL DE RETOUR DANS UN SYSTEME PAR SATELLITE
[72] BAER, MATTHEW, US
[72] KHAN, TAYYAB, US
[73] HUGHES NETWORK SYSTEMS, LLC, US
[85] 2023-06-08
[86] 2021-12-11 (PCT/US2021/062980)
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[13] C

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[25] EN
[54] METHOD AND APPARATUS FOR CONTROLLING PLASMA COMPRESSION
[54] PROCEDE ET APPAREIL DE COMMANDE DE COMPRESSION DE PLASMA
[72] LABERGE, MICHEL, CA
[72] PLANT, DAVID, CA
[72] SEGAS, RAPHAEL, CA
[72] SMITH, W. RANDOLPH, CA
[73] GENERAL FUSION INC., CA
[85] 2023-07-12
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[87] (WO2022/155726)
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[25] EN
[54] DETERMINING DRIVE SYSTEM ANOMALIES BASED ON POWER AND/OR CURRENT CHANGES IN AN IRRIGATION SYSTEM
[54] DETERMINATION D'ANOMALIES DE SYSTEME D'ENTRAINEMENT SUR LA BASE DE VARIATIONS DE PUISSANCE ET/OU DE COURANT DANS UN SYSTEME D'IRRIGATION
[72] SANDERS, RUSSELL, US
[72] PAVELSKI, JEREMIE, US
[73] HEARTLAND AG TECH, INC., US
[85] 2023-06-26
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[21] 3,154,399

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[51] Int.Cl. B30B 15/02 (2006.01)

[25] EN

[54] A DIE ASSEMBLY SUITABLE FOR
A HIGH-SPEED ROTARY PRESS
[54] ASSEMBLAGE D'EMPORTE-
PIECE ADAPTE A UNE PRESSE
ROTATIVE HAUTE VITESSE

[72] LEBLANC, RUSSELL P., US

[72] LEBLANC PAMELA R., US

[71] LEBLANC, RUSSELL P., US

[71] LEBLANC PAMELA R., US

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[21] 3,154,559

[13] A1

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[25] EN

[54] IN SITU LIGHT SCATTERING
SENSOR FOR MEASURING
SOLIDS CONTENT IN OIL SANDS
TAILING PONDS

[54] DIFFUSIOMETRE SUR PLACE
POUR MESURER LA TENEUR EN
SOLIDES DANS LES BACS DE
DECANTATION DES RESIDUS DE
SABLES BITUMINEUX

[72] TSUI, YING Y., CA

[72] SRIVASTAVA, TULIKA, CA

[72] GUPTA, MANISHA, CA

[72] FEDOSEJEVS, ROBERT, CA

[72] ZHANG, JIANGWEN, CA

[72] LIU, XIAOXUAN, CA

[72] JUNAID, ABU, CA

[72] SEDGWICK, ANDREA, CA

[71] GOVERNORS OF THE UNIVERSITY
OF ALBERTA, CA

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[41] 2023-10-08

[21] 3,154,578

[13] A1

[51] Int.Cl. A61K 39/215 (2006.01) A61P
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FOR THE PREVENTION AND/OR
TREATMENT OF COVID-19

[54] COMPOSITIONS ET METHODES
DE PREVENTION ET/OU DE
TRAITEMENT DE LA COVID-19

[72] MARCUSSON, ERIC G., CA

[71] PROVIDENCE THERAPEUTICS
HOLDINGS INC., CA

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[41] 2023-10-08

[21] 3,154,779

[13] A1

[51] Int.Cl. E02D 31/02 (2006.01) E02D
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[25] EN

[54] STM SOIL TIE BACK DRAINAGE
MAT PATENT APPLICATION

[54] DEMANDE DE BREVET POUR
TAPIS DE DRAINAGE PLUVIAL
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[72] MURRAY, STEVE, CA

[71] MURRAY, STEVE, CA

[22] 2022-04-08

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[21] 3,154,814

[13] A1

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[25] EN

[54] TREMELLA FUCIFORMIS
COLLAGEN HAVING ULTRA-
LOW MOLECULES AND
METHOD FOR PREPARING THE
SAME

[54] COLLAGENE DE TREMELLA
FUCIFORMIS A MOLECULES
TRES PETITES ET METHODE DE
PREPARATION

[72] CHOI, YOUN SANG, KR

[71] CHOI, YOUN SANG, KR

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[21] 3,154,875

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[72] HUDZINSKI, WARREN TREVOR,
CA

[71] HUDZINSKI, WARREN TREVOR,
CA

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[21] 3,154,773

[13] A1

[51] Int.Cl. A45C 3/00 (2006.01) A45C
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[54] HANGING SOFT-SIDED
CONTAINER

[54] CONTENANT SUSPENDU A PAROI
SOUPLE

[72] RODGERS, REBECCA, CA

[71] CALIFORNIA INNOVATIONS INC.,
CA

[22] 2022-04-08

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<p style="text-align: right; margin-bottom: 0;">[21] 3,154,891</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. B09C 1/00 (2006.01) B09C 1/08 (2006.01) B09C 1/10 (2006.01)</p> <p>[25] EN</p> <p>[54] SALINITY VALUES, RANGES AND IMPROVEMENTS FOR PHYTOREMEDIATION OF PER AND POLYFLUOROALKYL SUBSTANCES</p> <p>[54] VALEURS DE SALINITE, PLAGES ET AMELIORATIONS POUR LA PHYTOREMEDIATION DE SUBSTANCES PER- ET POLYFLUOROALKYLEES</p> <p>[72] HUFF, DAVID KNOX, US</p> <p>[72] NUTTER, WADE LOWRY, US</p> <p>[71] NUTTER & ASSOCIATES, INC., US</p> <p>[22] 2022-04-11</p> <p>[41] 2023-10-11</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,155,129</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. F16M 13/00 (2006.01)</p> <p>[25] EN</p> <p>[54] ELECTRONIC DEVICE HOLDER</p> <p>[54] SUPPORT A DISPOSITIF ELECTRONIQUE</p> <p>[72] EMBLETON, SCOTT, CA</p> <p>[71] EMBLETON, SCOTT, CA</p> <p>[22] 2022-04-12</p> <p>[41] 2023-10-12</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,155,292</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. F03B 17/00 (2006.01) F03B 13/00 (2006.01) F16L 9/12 (2006.01)</p> <p>[25] EN</p> <p>[54] LAMINAR FLOW PIPELINE AND ENERGY SYSTEM</p> <p>[54] PIPELINE A FLUX LAMINAIRE ET SYSTEME D'ENERGIE</p> <p>[72] AUDET, ROMAIN, CA</p> <p>[71] AUDET, ROMAIN, CA</p> <p>[22] 2022-04-13</p> <p>[41] 2023-10-13</p>
<p style="text-align: right; margin-bottom: 0;">[21] 3,154,953</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. A47F 5/10 (2006.01) A47F 3/022 (2006.01) B65G 1/07 (2006.01)</p> <p>[25] EN</p> <p>[54] SPRUNG DISPENSING TOWER WITH RESILIENTLY COMPRESSIBLE SLIDE GUIDE</p> <p>[54] TOUR DE DISTRIBUTION A RESSORT COMPRENANT UN GUIDE DE COULISSEMENT COMPRESSIBLE RESILIENT</p> <p>[72] MOONEY, BOB, CA</p> <p>[72] HOLMES, DARRELL, CA</p> <p>[72] MITCHELL, KEVIN, CA</p> <p>[71] MAIN ST. GROUP, CA</p> <p>[22] 2022-04-12</p> <p>[41] 2023-10-11</p> <p>[30] US (17/717853) 2022-04-11</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,155,146</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. C01B 3/02 (2006.01) H01M 8/0606 (2016.01) C01B 32/00 (2017.01) C01B 3/04 (2006.01) C01B 13/02 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR CONVERTING THERMAL ENERGY INTO DISSOCIATION ENERGY OF MOLECULES OF A GAS MEDIUM AND A DEVICE FOR IMPLEMENTING SAME</p> <p>[54] METHODE POUR CONVERTIR L'ENERGIE THERMIQUE EN ENERGIE DE DISSOCIATION DES MOLECULES D'UN MILIEU GAZEUX ET DISPOSITIF DE MISE EN OEUVRE</p> <p>[72] ISAEV, ALEXANDER, AT</p> <p>[71] SUN2H AG, CH</p> <p>[22] 2022-04-12</p> <p>[41] 2023-10-12</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,155,296</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. F17C 13/08 (2006.01) B65D 57/00 (2006.01) B65D 90/12 (2006.01)</p> <p>[25] EN</p> <p>[54] LEG COVER FOR A CYLINDRICAL TANK</p> <p>[54] HOUSSE DE PROTECTION A PATTES POUR UN RESERVOIR CYLINDRIQUE</p> <p>[72] LEBLANC, DANIEL, CA</p> <p>[71] DITECH MANUFACTURING LTD., CA</p> <p>[22] 2022-04-13</p> <p>[41] 2023-10-13</p>
<p style="text-align: right; margin-bottom: 0;">[21] 3,155,126</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. A47D 15/00 (2006.01) A47D 5/00 (2006.01)</p> <p>[25] EN</p> <p>[54] DIAPER CHANGING SHIELD</p> <p>[54] ECRAN DE CHANGEMENT DE COUCHES</p> <p>[72] KAUFFMANN, KATERYNA, CA</p> <p>[72] GRAY, OLENA, CA</p> <p>[71] KAUFFMANN, KATERYNA, CA</p> <p>[71] GRAY, OLENA, CA</p> <p>[22] 2022-04-12</p> <p>[41] 2023-10-12</p>	<p style="text-align: right; margin-bottom: 0;">[21] 3,155,206</p> <p style="text-align: right; margin-top: 0;">[13] A1</p> <p>[51] Int.Cl. G10K 11/172 (2006.01) B33Y 10/00 (2015.01)</p> <p>[25] FR</p> <p>[54] ACOUSTIC SHEET AND ITS MANUFACTURING PROCESS</p> <p>[54] ABSORBANT ACOUSTIQUE ET SON PROCEDE DE PRODUCTION</p> <p>[72] COSTA BAPTISTA, JOSUE, CA</p> <p>[72] ROSS, ANNIE, CA</p> <p>[72] MARDJONO, JACKY NOVI, FR</p> <p>[72] THERRIAULT, DANIEL, CA</p> <p>[72] FOTSING, EDITH ROLAND, CA</p> <p>[71] SAFRAN AIRCRAFT ENGINES, FR</p> <p>[22] 2022-04-13</p> <p>[41] 2023-10-13</p>	

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<p style="text-align: right;">[21] 3,155,362 [13] A1</p> <p>[51] Int.Cl. A61K 38/17 (2006.01) A61K 35/64 (2015.01) A61K 36/30 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) A61P 39/06 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS AND COMPOSITIONS WITH PURIFIED BOMBYX MORI COCOON SILK PEPTIDE FIBER AND REFINED BUGLOSSOIDES ARvensis SEED OIL PROVIDING ANTI-INFLAMMATORY EFFECTS AND NEUROPROTECTION FOR DISEASE STATES</p> <p>[54] METHODES ET COMPOSITIONS COMPRENANT UNE FIBRE DE PEPTIDE DE SOIE DE COCON BOMBYX MORI EPUREE ET UNE HUILE RAFFINEE DE GRAINES DE BUGLOSSOIDES ARvensis POUR PRODUIRE DES EFFETS ANTI-INFLAMMATOIRES ET UNE NEUROPROTECTION CONTRE LES PROBLEMES DE SANTE</p> <p>[72] CUMBERFORD, GREGORY, US [72] BALL, TROYLYN, US [72] GODDARD, MARCUS, CA [71] BRAIN HEALTH HOLDING LLC, US [22] 2022-04-14 [41] 2023-10-14</p>	<p style="text-align: right;">[21] 3,156,604 [13] A1</p> <p>[51] Int.Cl. A47C 7/62 (2006.01) A47C 7/66 (2006.01) A47C 29/00 (2006.01)</p> <p>[25] EN</p> <p>[54] PORTABLE CHAIR WITH COVERING</p> <p>[54] CHAISE PLIANTE ET COUVERTURE</p> <p>[72] CUFF, ANDREW, CA [71] CUFF, ANDREW, CA [22] 2022-04-27 [41] 2023-10-13 [30] US (17/720,233) 2022-04-13</p>	<p style="text-align: right;">[21] 3,160,372 [13] A1</p> <p>[51] Int.Cl. G16H 50/00 (2018.01) G06F 21/62 (2013.01) G16H 10/60 (2018.01) A61B 5/318 (2021.01) A61B 5/0295 (2006.01) A61B 5/117 (2016.01)</p> <p>[25] EN</p> <p>[54] BIOMETRIC AUTHENTICATION WITH ECG/PPG COMBINED AI</p> <p>[54] AUTHENTIFICATION BIOMETRIQUE UTILISANT UNE INTELLIGENCE ARTIFICIELLE A SIGNAUX D'ELECTROCARDIOGRAPHIE ET DE PHOTOPLETHYSMOGRAPHIE COMBINES</p> <p>[72] TAGHIZADEH NOUEI, MEHRDAD, CA [71] TAGHIZADEH NOUEI, MEHRDAD, CA [22] 2022-04-11 [41] 2023-10-11</p>
<p style="text-align: right;">[21] 3,156,016 [13] A1</p> <p>[51] Int.Cl. F17C 13/04 (2006.01)</p> <p>[25] EN</p> <p>[54] TANK AND NOZZLE ASSEMBLY</p> <p>[54] RESERVOIR ET ASSEMBLAGE DE BUSE</p> <p>[72] POLAND, BRIAN, US [72] WALTERS, CLIFF, US [72] HORN, TIMOTHY, US [71] WORTHINGTON CYLINDERS CORPORATION, US [22] 2022-04-14 [41] 2023-10-13 [30] US (17/719872) 2022-04-13</p>	<p style="text-align: right;">[21] 3,156,640 [13] A1</p> <p>[51] Int.Cl. B05B 1/10 (2006.01) B05B 1/14 (2006.01) A01G 31/00 (2018.01)</p> <p>[25] EN</p> <p>[54] WATER MISTING SYSTEM</p> <p>[54] SYSTEME DE PULVERISATION D'EAU EN BROUILLARD</p> <p>[72] GEER, RICHARD, CA [71] GEER, RICHARD, CA [22] 2022-04-27 [41] 2023-10-13 [30] US (17/720,230) 2022-04-13</p>	<p style="text-align: right;">[21] 3,170,777 [13] A1</p> <p>[25] EN</p> <p>[54] DETECTION OF WATER CONTAMINATION BASED ON SPECTROGRAPHIC ANALYSIS</p> <p>[54] DETECTION DE LA CONTAMINATION D'EAU EN FONCTION D'UNE ANALYSE SPECTROGRAPHIQUE</p> <p>[72] CHERAMY, JOSEPH JOHN, CA [72] PALMGREN, ANDERS JAQUES, CA [72] NELSON, AVRO ANTHONY SARGEAUNT, CA [72] NELSON, ANTHONY BRENT, CA [71] 2S WATER INCORPORATED, CA [22] 2022-08-19 [41] 2023-10-12 [30] US (17/719,033) 2022-04-12</p>
<p style="text-align: right;">[21] 3,156,643 [13] A1</p> <p>[51] Int.Cl. G06Q 50/18 (2012.01)</p> <p>[25] EN</p> <p>[54] CONTRACT MANAGEMENT SYSTEM</p> <p>[54] SYSTEME DE GESTION DES CONTRATS</p> <p>[72] FRANCIS, TAYLOR, CA [71] FRANCIS, TAYLOR, CA [22] 2022-04-27 [41] 2023-10-13 [30] US (17/720,237) 2022-04-13</p>	<p style="text-align: right;">[21] 3,173,766 [13] A1</p> <p>[51] Int.Cl. A47C 7/18 (2006.01) A47C 1/12 (2006.01) A47C 5/00 (2006.01) A47C 7/56 (2006.01)</p> <p>[25] EN</p> <p>[54] CHAIR WITH MOLDED PANEL</p> <p>[54] FAUTEUIL COMPRENANT UN PANNEAU MOULE</p> <p>[72] OLARTE, ALVARIO MAURICIO, US [71] SERIES INTERNATIONAL, LLC, US [22] 2022-09-14 [41] 2023-10-12 [30] US (17/718,988) 2022-04-12 [30] US (17/900,532) 2022-08-31</p>	

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<p style="text-align: right; margin-top: -10px;">[21] 3,178,599</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B62J 1/08 (2006.01) B62K 19/36 (2006.01)</p> <p>[25] EN</p> <p>[54] BICYCLE DROPPER SEAT POST ASSEMBLY WITH A BOTTOM MOUNTED GAS SPRING CARTRIDGE</p> <p>[54] ASSEMBLAGE DE TIGE DE SELLE DE VELO AJUSTABLE COMPRENANT UNE CARTOUCHE A RESSORT A GAZ INSTALLEE SUR LA PARTIE INFERIEURE</p> <p>[72] STAPLES, JONATHAN, CA</p> <p>[71] D3 INNOVATION INC., CA</p> <p>[22] 2022-10-07</p> <p>[41] 2023-10-10</p> <p>[30] US (63/329444) 2022-04-10</p> <p>[30] US (17/959090) 2022-10-03</p>	<p style="text-align: right; margin-top: -10px;">[21] 3,179,731</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN</p> <p>[54] SPATIAL LIGHT MODULATOR INCORPORATING ABERRATION CORRECTION</p> <p>[54] MODULATEUR SPATIAL DE LUMIERE INTEGRANT UNE FONCTION DE CORRECTION DES ABERRATIONS</p> <p>[72] STEWART, LUKE, US</p> <p>[72] BAXTER, GLEN W., US</p> <p>[72] BOLGER, JEREMY, US</p> <p>[71] II-VI DELAWARE, INC., US</p> <p>[22] 2022-10-25</p> <p>[41] 2023-10-12</p> <p>[30] US (17/658,922) 2022-04-12</p>	<p style="text-align: right; margin-top: -10px;">[21] 3,185,913</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B29C 49/42 (2006.01) B29C 49/56 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS AND APPARATUS FOR OBJECT HANDLING</p> <p>[54] METHODES ET APPAREIL DE MANIPULATION D'OBJET</p> <p>[72] HALTER, CHRISTOPHE, BE</p> <p>[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA</p> <p>[22] 2023-01-05</p> <p>[41] 2023-10-12</p> <p>[30] US (63/330144) 2022-04-12</p>
<p style="text-align: right; margin-top: -10px;">[21] 3,178,600</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B62J 1/08 (2006.01)</p> <p>[25] EN</p> <p>[54] SPRING CARTRIDGE ASSEMBLY WITH LOW OIL LEVEL FOR BICYCLE DROPPER POST</p> <p>[54] ASSEMBLAGE DE CARTOUCHE A RESSORT A NIVEAU D'HUILE BAS POUR UNE TIGE AJUSTABLE DE VELO</p> <p>[72] STAPLES, JONATHAN, CA</p> <p>[71] D3 INNOVATION INC., CA</p> <p>[22] 2022-10-07</p> <p>[41] 2023-10-10</p> <p>[30] US (17/959258) 2022-10-03</p> <p>[30] US (63/329444) 2022-04-10</p>	<p style="text-align: right; margin-top: -10px;">[21] 3,180,695</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. H01R 4/66 (2006.01) E02D 31/00 (2006.01) H01R 4/02 (2006.01)</p> <p>[25] EN</p> <p>[54] EARTH GROUNDING ELECTRODE AND INSTALLATION THEREOF</p> <p>[54] ELECTRODE DE TERRE ET INSTALLATION</p> <p>[72] BROERE, HANS, CA</p> <p>[71] A.C. DANDY PRODUCTS LTD., CA</p> <p>[22] 2022-10-28</p> <p>[41] 2023-10-10</p>	<p style="text-align: right; margin-top: -10px;">[21] 3,187,987</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B60W 60/00 (2020.01) B60W 50/08 (2020.01) G05B 7/02 (2006.01) G05D 1/02 (2020.01)</p> <p>[25] EN</p> <p>[54] VEHICLE CONTROL INTERFACE, VEHICLE, AND CONTROL METHOD FOR VEHICLE</p> <p>[54] INTERFACE DE COMMANDE DE VEHICULE, VEHICULE CONNEXE ET METHODE DE COMMANDE DE VEHICULE</p> <p>[72] YAMADA, KENICHI, JP</p> <p>[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP</p> <p>[22] 2023-01-30</p> <p>[41] 2023-10-14</p> <p>[30] JP (2022-066930) 2022-04-14</p>
<p style="text-align: right; margin-top: -10px;">[21] 3,178,601</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B62J 1/08 (2006.01) B62K 19/36 (2006.01)</p> <p>[25] EN</p> <p>[54] BICYCLE DROPPER SEAT POST ASSEMBLY WITH A NARROW GAS SPRING CARTRIDGE</p> <p>[54] ASSEMBLAGE DE TIGE DE SELLE DE VELO AJUSTABLE COMPRENANT UNE CARTOUCHE A RESSORT A GAZ ETROITE</p> <p>[72] STAPLES, JONATHAN, CA</p> <p>[71] D3 INNOVATION INC., CA</p> <p>[22] 2022-10-07</p> <p>[41] 2023-10-10</p> <p>[30] US (17/959267) 2022-10-03</p> <p>[30] US (63/329444) 2022-04-10</p>	<p style="text-align: right; margin-top: -10px;">[21] 3,184,822</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. E02B 3/10 (2006.01) E02B 7/20 (2006.01)</p> <p>[25] EN</p> <p>[54] WATER BARRIER SYSTEM COMPRISING CONNECTION DEVICE</p> <p>[54] SYSTEME DE BARRIERE D'ETANCHEITE COMPRENANT UN DISPOSITIF DE CONNEXION</p> <p>[72] NERO, INGVAR, SE</p> <p>[71] INERO AB, SE</p> <p>[22] 2022-12-29</p> <p>[41] 2023-10-08</p> <p>[30] EP (22167280.1) 2022-04-08</p>	<p style="text-align: right; margin-top: -10px;">[21] 3,190,142</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. H04L 61/4511 (2022.01) H04W 12/00 (2021.01) H04L 67/02 (2022.01) H04L 9/00 (2022.01) H04L 12/22 (2006.01)</p> <p>[25] EN</p> <p>[54] NETWORK SECURITY WITH SERVER NAME INDICATION</p> <p>[54] SECURITE DE RESEAU COMPRENANT L'INDICATION DU NOM DE SERVEUR</p> <p>[72] SAVIN, FILIP, US</p> <p>[72] MAROZAS, LEONARDAS, US</p> <p>[72] KASSLIN, KIMMO, US</p> <p>[71] CUJO LLC, US</p> <p>[22] 2023-02-16</p> <p>[41] 2023-10-12</p> <p>[30] US (17/719117) 2022-04-12</p>

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[25] EN
[54] APPARATUS AND METHOD FOR PRODUCING SCORED DOUGH PIECES
[54] APPAREIL ET METHODE DE PRODUCTION DE MORCEAUX DE PATE LAMES
[72] COX, STEVEN J., US
[72] HOBART, KARA M., US
[72] RASMUSSEN, TODD A., US
[71] GENERAL MILLS, INC., US
[22] 2023-02-17
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[30] US (17/719943) 2022-04-13

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[51] Int.Cl. B61G 7/14 (2006.01) B60R 21/34 (2011.01) B61D 3/10 (2006.01) B61D 49/00 (2006.01)
[25] EN
[54] SAFETY BARRIER BETWEEN COUPLED CARS OF A TRANSPORTATION VEHICLE
[54] BARRIERE DE SURETE ENTRE DES WAGONS ATTACHES D'UN VEHICULE DE TRANSPORT
[72] LAHRS, ERIC J., US
[72] SIKES, SHAWN E., US
[71] NIAGARA FRONTIER TRANSPORTATION AUTHORITY, US
[22] 2023-03-02
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[51] Int.Cl. B64D 15/20 (2006.01) G01K 7/36 (2006.01) G01N 25/02 (2006.01)
[25] EN
[54] DEICING SYSTEMS AND METHODS FOR AN AIRCRAFT
[54] SYSTEMES ET METHODES DE DEGIVRAGE POUR UN AERONEF
[72] NATSUI, EDWARD CHARLES, US
[72] BRAVIN, MELISSA MARIE, US
[72] LANGHOFER, ERIK MARC, US
[71] THE BOEING COMPANY, US
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[51] Int.Cl. B64C 13/24 (2006.01) F16D 55/36 (2006.01) F16D 55/41 (2006.01)
[25] EN
[54] NO-BACK BRAKE FOR A FLIGHT CONTROL ACTUATION SYSTEM AND METHOD
[54] FREIN IRREVERSIBLE POUR UN SYSTEME D'ACTIONNEMENT DE COMMANDES DE VOL ET METHODE
[72] UNGAR, LIOR, US
[72] MEHRTENS, JAMES A., US
[71] THE BOEING COMPANY, US
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[30] US (63/329,550) 2022-04-11
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[21] 3,193,024 [13] A1
[51] Int.Cl. G06Q 30/0283 (2023.01) G06N 20/00 (2019.01) G06Q 30/0202 (2023.01)
[25] EN
[54] SYSTEMS AND METHODS OF LINEAR REGRESSION MODELS AND MACHINE LEARNING MODELS FOR VEHICLES
[54] SYSTEMES ET METHODES DE MODELES DE REGRESSION LINEAIRE ET DE MODELES D'APPRENTISSAGE AUTOMATIQUE POUR DES VEHICULES
[72] STUTSMAN, CHRIS, US
[72] POLLAK, DALE, US
[72] MITCHELL, DANIEL, US
[72] CUTHBERTSON, THOMAS, US
[71] COX AUTOMOTIVE, INC., US
[22] 2023-03-14
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[51] Int.Cl. F16G 11/02 (2006.01) F16G 11/08 (2006.01) F16G 11/09 (2006.01)
[25] EN
[54] CABLE WITH JOINTS FOR THE CONNECTION OF CABLE ARMOR NON-METALLIC ELEMENTS
[54] CABLE COMPRENANT DES JOINTS POUR LE RACCORD DES ELEMENTS NON METALLIQUES D'UN BLINDAGE DE CABLE
[72] CONSONNI, ENRICO MARIA, IT
[72] CORDO', FEDERICO, IT
[71] PRYSMIAN S.P.A., IT
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<p style="text-align: right;">[21] 3,193,146 [13] A1</p> <p>[51] Int.Cl. B65H 18/00 (2006.01) B65H 18/08 (2006.01) B65H 26/00 (2006.01) D21G 9/00 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM OF CONTROLLING PERFORMANCE A SLITTER-WINDER AND/OR THE FIBER WEB PRODUCTION LINE AND A METHOD OF CONTROLLING PERFORMANCE A SLITTER-WINDER AND/OR A FIBER WEB PRODUCTION LINE</p> <p>[54] SYSTEME DE COMMANDE DU RENDEMENT D'UN DISPOSITIF D'ENROULEMENT-COUPE ET/OU D'UNE LIGNE DE PRODUCTION DE TOILE FIBREUSE ET METHODE DE CONTROLE DU RENDEMENT D'UN DISPOSITIF D'ENROULEMENT-COUPE ET/OU D'UNE LIGNE DE PRODUCTION DE TOILE FIBREUSE</p> <p>[72] HAAPANEN, JAAKKO, FI [72] JORKAMA, MARKO, FI [72] KAARIAINEN, JARI, FI [72] KAARIAINEN, MARKO, FI [72] AKERLUND, KENNETH, FI [71] VALMET TECHNOLOGIES OY, FI [22] 2023-03-15 [41] 2023-10-11 [30] FI (20225318) 2022-04-11</p>	<p style="text-align: right;">[21] 3,193,355 [13] A1</p> <p>[51] Int.Cl. A61K 6/884 (2020.01) A61K 6/898 (2020.01) B65D 75/30 (2006.01)</p> <p>[25] EN</p> <p>[54] TEMPORARY TOOTH REPAIR/TREATMENT COMPOSITION AND METHODS OF USE THEREOF</p> <p>[54] COMPOSITION DE REPARATION/TRAITEMENT DE DENT TEMPORAIRE ET METHODES D'UTILISATION</p> <p>[72] SILVER, MICHAEL EDWARD, US [72] SCHRYVER, CHARLES, US [72] SCHUTT, RONALD J., US [71] ORVANCE, LLC, US [22] 2023-03-20 [41] 2023-10-13 [30] US (17/720,270) 2022-04-13</p>	<p style="text-align: right;">[21] 3,193,790 [13] A1</p> <p>[25] EN</p> <p>[54] END CAP APPARATUS FOR CANOE</p> <p>[54] APPAREIL DE BOUCHON POUR CANOT</p> <p>[72] EAGLE, CEDAR, CA [71] EAGLE, CEDAR, CA [22] 2023-03-22 [41] 2023-10-08 [30] US (18/187,265) 2023-03-21 [30] US (63/328,907) 2022-04-08</p>
<p style="text-align: right;">[21] 3,193,211 [13] A1</p> <p>[51] Int.Cl. E04B 2/96 (2006.01) E04B 2/88 (2006.01)</p> <p>[25] EN</p> <p>[54] COLLAPSIBLE ELEMENT FOR FACADE SYSTEMS</p> <p>[54] ELEMENT ESCAMOTABLE POUR DES SYSTEMES DE FACADE</p> <p>[72] BARBULESCU, ION-HORATIU, US [71] ARCONIC TECHNOLOGIES LLC, US [22] 2023-03-16 [41] 2023-10-08 [30] US (63/328,909) 2022-04-08</p>	<p style="text-align: right;">[21] 3,193,523 [13] A1</p> <p>[51] Int.Cl. B64C 13/04 (2006.01) G05G 5/04 (2006.01) G05G 9/047 (2006.01)</p> <p>[25] EN</p> <p>[54] STOPS FOR FORCE SENSOR</p> <p>[54] BUTEES POUR CAPTEUR DE FORCE</p> <p>[72] ANTRAYGUE, CEDRIC, FR [71] RATIER-FIGEAC SAS, FR [22] 2023-03-20 [41] 2023-10-08 [30] EP (22305488.3) 2022-04-08</p>	<p style="text-align: right;">[21] 3,193,908 [13] A1</p> <p>[51] Int.Cl. F02C 7/00 (2006.01) B23P 25/00 (2006.01) B64D 33/00 (2006.01) F01D 5/02 (2006.01)</p> <p>[25] EN</p> <p>[54] ROTOR HAVING CRACK MITIGATOR</p> <p>[54] ROTOR COMPRENANT UN ATTENUATEUR DE FISSURES</p> <p>[72] MANGARDICH, DIKRAN, CA [71] PRATT & WHITNEY CANADA CORP., CA [22] 2023-03-22 [41] 2023-10-08 [30] US (17/658,461) 2022-04-08</p>
<p style="text-align: right;">[21] 3,193,211 [13] A1</p> <p>[51] Int.Cl. E04B 2/96 (2006.01) E04B 2/88 (2006.01)</p> <p>[25] EN</p> <p>[54] COLLAPSIBLE ELEMENT FOR FACADE SYSTEMS</p> <p>[54] ELEMENT ESCAMOTABLE POUR DES SYSTEMES DE FACADE</p> <p>[72] BARBULESCU, ION-HORATIU, US [71] ARCONIC TECHNOLOGIES LLC, US [22] 2023-03-16 [41] 2023-10-08 [30] US (63/328,909) 2022-04-08</p>	<p style="text-align: right;">[21] 3,193,656 [13] A1</p> <p>[51] Int.Cl. G06T 7/90 (2017.01) G06Q 30/06 (2023.01) G06T 7/10 (2017.01) G06V 10/56 (2022.01) G06V 20/50 (2022.01) G06Q 30/0601 (2023.01)</p> <p>[25] EN</p> <p>[54] AUGMENTATION OF DIGITAL IMAGES WITH SIMULATED SURFACE COATINGS</p> <p>[54] AUGMENTATION D'IMAGES NUMERIQUES AU MOYEN DE REVETEMENTS DE SURFACE SIMULES</p> <p>[72] WILLIAMS, PRESTON, US [72] DO, BRENDAN, US [72] RICHMOND, DANIEL CODY, US [72] DOWELL, MICHAEL, US [71] SWIMC LLC, US [22] 2023-03-20 [41] 2023-10-11 [30] US (17/717871) 2022-04-11</p>	<p style="text-align: right;">[21] 3,194,042 [13] A1</p> <p>[51] Int.Cl. E06B 5/10 (2006.01) E06B 3/44 (2006.01) E06B 3/48 (2006.01) E06B 3/58 (2006.01)</p> <p>[25] EN</p> <p>[54] GLAZING RETAINER FOR IMPACT RATED DOORS</p> <p>[54] DISPOSITIF DE RETENUE DE VITRAGE POUR LES PORTES A RESISTANCE AUX CHOCS DETERMINEE</p> <p>[72] LEE, BRADLEY J., US [71] OVERHEAD DOOR CORPORATION, US [22] 2023-03-24 [41] 2023-10-13 [30] US (17/720,051) 2022-04-13</p>

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<p style="text-align: right;">[21] 3,194,370 [13] A1</p> <p>[51] Int.Cl. E05D 11/00 (2006.01) E05D 3/02 (2006.01) E05D 5/02 (2006.01) E05D 7/02 (2006.01) E06B 1/02 (2006.01)</p> <p>[25] EN</p> <p>[54] ANTI-LIGATURE HINGE</p> <p>[54] CHARNIERE ANTI-LIGATURE</p> <p>[72] FAVERO GOMES, DANILO, US</p> <p>[72] WARD, BETTY KAY, US</p> <p>[71] ASSA ABLOY ACCESSORIES AND DOOR CONTROLS GROUP, INC., US</p> <p>[22] 2023-03-28</p> <p>[41] 2023-10-08</p> <p>[30] US (18/125,964) 2023-03-24</p> <p>[30] US (63/328,865) 2022-04-08</p> <hr/> <p style="text-align: right;">[21] 3,194,471 [13] A1</p> <p>[51] Int.Cl. F21K 9/65 (2016.01) F21K 9/23 (2016.01) F21K 9/60 (2016.01) F21K 9/69 (2016.01)</p> <p>[25] EN</p> <p>[54] LIGHTING DEVICE</p> <p>[54] DISPOSITIF D'ECLAIRAGE</p> <p>[72] ZHU, RUOJIAN, CN</p> <p>[72] MAO, QIANCHUN, CN</p> <p>[71] SAVANT TECHNOLOGIES LLC, US</p> <p>[22] 2023-03-29</p> <p>[41] 2023-10-11</p> <p>[30] CN (2022208240997) 2022-04-11</p> <hr/> <p style="text-align: right;">[21] 3,194,630 [13] A1</p> <p>[25] EN</p> <p>[54] IN SITU LIGHT SCATTERING SENSOR FOR MEASURING SOLIDS CONTENT IN OIL SANDS TAILING PONDS</p> <p>[54] DIFFUSIOMETRE SUR PLACE POUR MESURER LA TENEUR EN SOLIDES DANS LES BACS DE DECANTATION DES RESIDUS DE SABLES BITUMINEUX</p> <p>[72] TSUI, YING Y., CA</p> <p>[72] SRIVASTAVA, TULIKA, CA</p> <p>[72] GUPTA, MANISHA, CA</p> <p>[72] FEDOSEJEVS, ROBERT, CA</p> <p>[72] ZHANG, JIANGWEN, CA</p> <p>[72] LIU, XIAOXUAN, CA</p> <p>[72] JUNAID, ABU, CA</p> <p>[72] SEDGWICK, ANDREA, CA</p> <p>[71] GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA</p> <p>[22] 2023-03-31</p> <p>[41] 2023-10-08</p> <p>[30] CA (3,154,559) 2022-04-08</p>	<p style="text-align: right;">[21] 3,194,758 [13] A1</p> <p>[51] Int.Cl. B27B 25/10 (2006.01) B27B 27/02 (2006.01)</p> <p>[25] EN</p> <p>[54] CODED PUSH BLOCK</p> <p>[54] BLOC ARRIERE CODE</p> <p>[72] WANG, HENRY, US</p> <p>[71] WANG, HENRY, US</p> <p>[22] 2023-03-31</p> <p>[41] 2023-10-08</p> <p>[30] US (17/716,750) 2022-04-08</p> <hr/> <p style="text-align: right;">[21] 3,194,980 [13] A1</p> <p>[51] Int.Cl. H04L 9/40 (2022.01)</p> <p>[25] EN</p> <p>[54] NETWORK VULNERABILITY ASSESSMENT</p> <p>[54] EVALUATION DES VULNERABILITES DE RESEAU</p> <p>[72] GUNDERSEN, TRENT, US</p> <p>[71] SECURITYMETRICS, INC., US</p> <p>[22] 2023-04-04</p> <p>[41] 2023-10-08</p> <p>[30] US (17/658,598) 2022-04-08</p> <hr/> <p style="text-align: right;">[21] 3,194,999 [13] A1</p> <p>[51] Int.Cl. E06B 9/52 (2006.01) E05C 19/16 (2006.01)</p> <p>[25] EN</p> <p>[54] WINDOW SCREEN WITH MAGNETIC CORNER KEYS AND ASSOCIATED CORNER KEY MATES</p> <p>[54] MOUSTIQUAIRE A CLES MAGNETIQUES DE COIN ET COMPLEMENT D'ACCOUPLEMENT</p> <p>[72] GIBBS, KENTON SITES, JR, US</p> <p>[72] RIDER, DANIEL LEE, US</p> <p>[71] PLY GEM INDUSTRIES, INC., US</p> <p>[22] 2023-03-31</p> <p>[41] 2023-10-11</p> <p>[30] US (17/658,721) 2022-04-11</p>	<p style="text-align: right;">[21] 3,195,115 [13] A1</p> <p>[25] EN</p> <p>[54] MEASURING INDOOR AIR QUALITY FOR A HEATING, VENTILATION, AND AIR CONDITIONING SYSTEM</p> <p>[54] MESURE DE LA QUALITE D'AIR A L'INTERIEUR POUR UN SYSTEME DE CHAUFFAGE, VENTILATION ET CLIMATISATION</p> <p>[72] RAMASAMY, SURENDRAN, IN</p> <p>[72] GREIST, HENRY, US</p> <p>[72] HINGORANI, SANJEEV, US</p> <p>[72] MICHAELIS, CALVIN, US</p> <p>[71] LENNOX INDUSTRIES INC., US</p> <p>[22] 2023-04-05</p> <p>[41] 2023-10-11</p> <p>[30] US (17/718,084) 2022-04-11</p> <hr/> <p style="text-align: right;">[21] 3,195,262 [13] A1</p> <p>[51] Int.Cl. G05B 19/042 (2006.01) B60T 17/22 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD OF ENABLING A USER TO RETROFIT A VEHICLE WITH AT LEAST ONE VEHICLE PRODUCT</p> <p>[54] SYSTEME ET METHODE POUR PERMETTRE A UN UTILISATEUR D'ADAPTER UN VEHICULE A AU MOINS UN PRODUIT DE VEHICULE</p> <p>[72] ROGERS, MATTHEW E., US</p> <p>[72] MITCHELL, STEPHEN J., US</p> <p>[72] CUSTER, ROBERT J., US</p> <p>[72] VASUDEV, ARNAV, US</p> <p>[72] SEITZ, SHARON A., US</p> <p>[72] ROGERS, ROBERT J., US</p> <p>[71] BENDIX COMMERCIAL VEHICLE SYSTEM LLC, US</p> <p>[22] 2023-04-05</p> <p>[41] 2023-10-11</p> <p>[30] US (17/717,557) 2022-04-11</p>
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<p>[21] 3,195,291 [13] A1</p> <p>[51] Int.Cl. A61K 31/216 (2006.01) A61K 9/107 (2006.01) A61K 47/14 (2017.01) A61K 47/18 (2017.01) A61K 47/34 (2017.01) A61K 47/44 (2017.01) A61K 31/5575 (2006.01)</p> <p>[25] EN</p> <p>[54] PRESERVATIVE-FREE OPHTHALMIC PHARMACEUTICAL EMULSION AND ITS APPLICATION</p> <p>[54] EMULSION PHARMACEUTIQUE OPHTALMIQUE SANS PRESERVATIF ET APPLICATION CONNEXE</p> <p>[72] SU, WEI-WEN, TW</p> <p>[72] LEE, CHIEN-HUNG, TW</p> <p>[71] CARAVEL THERAPEUTICS, INC., TW</p> <p>[22] 2023-04-06</p> <p>[41] 2023-10-13</p> <p>[30] US (63/330,324) 2022-04-13</p>

<p>[21] 3,195,368 [13] A1</p> <p>[51] Int.Cl. B25B 13/46 (2006.01)</p> <p>[25] EN</p> <p>[54] PAWL MECHANISM FOR RATCHET TOOL</p> <p>[54] MECANISME DE CLIQUET POUR CLE A ROCHE</p> <p>[72] ROSS, DAVID T., US</p> <p>[71] SNAP-ON INCORPORATED, US</p> <p>[22] 2023-04-06</p> <p>[41] 2023-10-14</p> <p>[30] US (17/720,918) 2022-04-14</p>
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<p>[21] 3,195,383 [13] A1</p> <p>[51] Int.Cl. F04D 9/04 (2006.01) F04D 9/00 (2006.01) F04D 15/00 (2006.01)</p> <p>[25] EN</p> <p>[54] VACUUM PRIMING SYSTEM FOR CLOSE-COUPLED PUMPS</p> <p>[54] SISTÈME D'AMORCAGE D'ASPIRATION POUR DES POMPES A ACCOUPLEMENT DIRECT</p> <p>[72] JAMES, SETH MICHAEL, US</p> <p>[72] WHITE, JORDAN RUSSEL, US</p> <p>[71] CORNELL PUMP COMPANY LLC, US</p> <p>[22] 2023-04-06</p> <p>[41] 2023-10-11</p> <p>[30] US (63/329,552) 2022-04-11</p>
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<p>[21] 3,195,390 [13] A1</p> <p>[51] Int.Cl. D21H 27/30 (2006.01) D21H 11/12 (2006.01) D21H 27/02 (2006.01)</p> <p>[25] EN</p> <p>[54] CHARACTERISTICS OF NON-WOOD FIBERS AND THE SANITARY TISSUE PRODUCTS COMPRISING THEM</p> <p>[54] CARACTERISTIQUES DE FIBRES NON LIGNEUSES ET PRODUITS DE PAPIER HYGIENIQUE LES COMPRENANT</p> <p>[72] YOUNG, CHRISTOPHER MICHAEL, US</p> <p>[72] SHEEHAN, JEFFREY GLEN, US</p> <p>[72] OSTENDORF, WARD WILLIAM, US</p> <p>[71] THE PROCTER & GAMBLE COMPANY, US</p> <p>[22] 2023-04-06</p> <p>[41] 2023-10-08</p> <p>[30] US (63/329,222) 2022-04-08</p> <p>[30] US (63/329,718) 2022-04-11</p> <p>[30] US (63/330,077) 2022-04-12</p> <p>[30] US (63/353,183) 2022-06-17</p> <p>[30] US (63/456,020) 2023-03-31</p>

<p>[21] 3,195,396 [13] A1</p> <p>[51] Int.Cl. D21H 11/12 (2006.01)</p> <p>[25] EN</p> <p>[54] SANITARY TISSUE PRODUCT ROLLS COMPRISING NON-WOOD FIBERS</p> <p>[54] ROULEAUX DE PAPIER HYGIENIQUE COMPOSES DE FIBRES NON LIGNEUSES</p> <p>[72] YOUNG, CHRISTOPHER MICHAEL, US</p> <p>[72] SHEEHAN, JEFFREY GLEN, US</p> <p>[72] KIEN, KATHRYN CHRISTIAN, US</p> <p>[71] THE PROCTER & GAMBLE COMPANY, US</p> <p>[22] 2023-04-06</p> <p>[41] 2023-10-08</p> <p>[30] US (63/329,222) 2022-04-08</p> <p>[30] US (63/329,718) 2022-04-11</p> <p>[30] US (63/330,077) 2022-04-12</p> <p>[30] US (63/353,183) 2022-06-17</p> <p>[30] US (63/456,020) 2023-03-31</p>
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<p>[21] 3,195,408 [13] A1</p> <p>[51] Int.Cl. D21H 11/12 (2006.01) A47K 10/16 (2006.01) D21F 11/14 (2006.01) D21H 27/00 (2006.01)</p> <p>[25] EN</p> <p>[54] SANITARY TISSUE PRODUCTS COMPRISING NON-WOOD FIBERS AND HAVING IMPROVED FORMATION</p> <p>[54] PRODUITS DE PAPIER HYGIENIQUE COMPRENANT DES FIBRES NON LIGNEUSES ET PRESENTANT UNE FORMATION AMELIOREE</p> <p>[72] YOUNG, CHRISTOPHER MICHAEL, US</p> <p>[72] SHEEHAN, JEFFREY GLEN, US</p> <p>[72] KIEN, KATHRYN CHRISTIAN, US</p> <p>[72] OSTENDORF, WARD WILLIAM, US</p> <p>[72] WEISMAN, PAUL THOMAS, US</p> <p>[71] THE PROCTER & GAMBLE COMPANY, US</p> <p>[22] 2023-04-06</p> <p>[41] 2023-10-08</p> <p>[30] US (63/329,222) 2022-04-08</p> <p>[30] US (63/329,718) 2022-04-11</p> <p>[30] US (63/330,077) 2022-04-12</p> <p>[30] US (63/353,183) 2022-06-17</p> <p>[30] US (63/456,020) 2023-03-31</p>
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<p>[21] 3,195,420 [13] A1</p> <p>[51] Int.Cl. H02P 1/04 (2006.01) H02P 23/14 (2006.01)</p> <p>[25] EN</p> <p>[54] MOTOR VOLTAGE SYNTHESIS IN REDUCED VOLTAGE SOFT STARTERS AND MOTOR STARTERS EMPLOYING THE SAME</p> <p>[54] SYNTHESE DE TENSION DE MOTEUR DANS LES DEMARREURS A TENSION REDUITE ET DEMARREURS DE MOTEUR UTILISANT CETTE FONCTION</p> <p>[72] SIMMS, STAN REX, US</p> <p>[71] EATON INTELLIGENT POWER LIMITED, IE</p> <p>[22] 2023-04-06</p> <p>[41] 2023-10-08</p> <p>[30] US (17/658509) 2022-04-08</p>

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<p style="text-align: right;">[21] 3,195,429 [13] A1</p> <p>[25] EN [54] PROTECTION SYSTEMS [54] SYSTEMES DE PROTECTION [72] SENANAYAKE, MAHINDA PALITHA, AU [71] 2MT MINING PRODUCTS PTY LTD, AU [22] 2023-04-05 [41] 2023-10-08 [30] AU (2022202367) 2022-04-08</p>	<p style="text-align: right;">[21] 3,195,600 [13] A1</p> <p>[51] Int.Cl. B07B 1/46 (2006.01) B07B 1/16 (2006.01) B07B 1/40 (2006.01) B07B 1/42 (2006.01) [25] EN [54] METHOD AND APPARATUS FOR CREATING AND MAINTAINING A VIBRATING SCREENING MACHINE BY UTILIZING STACKABLE SCREEN DECKS [54] METHODE ET APPAREIL POUR CREER ET ENTREtenir UNE MACHINE DE TAMISAGE VIBRATOIRE AU MOYEN DE SURFACES CRIBLANTES EMPIALABLES [72] STROUP, DAVID BRYAN, US [71] TEREX USA, LLC, US [22] 2023-04-10 [41] 2023-10-08 [30] US (63/328,831) 2022-04-08 [30] US (18/132,631) 2023-04-10</p>	<p style="text-align: right;">[21] 3,195,604 [13] A1</p> <p>[51] Int.Cl. B27B 17/12 (2006.01) F16N 7/00 (2006.01) F16N 11/00 (2006.01) F16N 19/00 (2006.01) [25] EN [54] CHAINSAW AND LUBRICATION SYSTEM FOR CHAINSAW GUIDE BAR [54] SCIE A CHAINE ET CIRCUIT DE LUBRIFICATION POUR GUIDE- CHAINE [72] HOLMAN, CHRISTOPHER A., US [72] ECKARD, LANCE, US [72] HOFFMAN, RONALD J., US [71] TECHTRONIC CORDLESS GP, US [22] 2023-04-10 [41] 2023-10-11 [30] US (63/329,614) 2022-04-11 [30] US (63/415,761) 2022-10-13</p>
<p style="text-align: right;">[21] 3,195,440 [13] A1</p> <p>[51] Int.Cl. B65D 5/02 (2006.01) B31B 50/26 (2017.01) B31B 50/62 (2017.01) B65D 21/00 (2006.01) [25] EN [54] CRUSH TOLERANT CONTAINERS AND BLANKS AND METHODS FOR FORMING THE SAME [54] CONTENANTS RESISTANTS A L'EGRASEMENT ET DECOUPES ET METHODES DE FABRICATION [72] COUTURE, DAVID G., US [72] MCCARTHY, TIMOTHY L., US [72] BERNSTEIN, VICTORIA, US [71] WESTROCK SHARED SERVICES, LLC, US [22] 2023-04-06 [41] 2023-10-08 [30] US (17/716,887) 2022-04-08</p>	<p style="text-align: right;">[21] 3,195,602 [13] A1</p> <p>[25] EN [54] SYSTEM AND METHOD FOR CALIBRATING PROCESS TO COMPUTE WEIGHT OF MATERIAL IN DUMP BODIES [54] SYSTEME ET METHODE POUR CALIBRER UN PROCEDE DE CALCUL DU POIDS DES MATERIAUX DANS LES BENNES BASCULANTES [72] DOWLING, ALEXANDER ELI, AU [72] JOHNSON, STEVEN EDWARD, US [71] CATERPILLAR UNDERGROUND MINING PTY. LTD., AU [22] 2023-04-10 [41] 2023-10-11 [30] AU (2022202397) 2022-04-11</p>	<p style="text-align: right;">[21] 3,195,609 [13] A1</p> <p>[51] Int.Cl. B65B 43/10 (2006.01) B31B 50/26 (2017.01) B31B 50/64 (2017.01) B31B 50/81 (2017.01) B65B 9/08 (2012.01) [25] EN [54] FOLDED PACKAGING CONTAINER STRUCTURE, DEVICE AND PROCESS [54] STRUCTURE DE CONTENANT D'EMBALLAGE PLIEE, DISPOSITIF ET PROCEDE [72] WANG, SHOUDONG, CN [72] YU, TAO, CN [71] QINGDAO JKL PACKING CO., LTD., CN [22] 2023-04-10 [41] 2023-10-10 [30] CN (202210413662.6) 2022-04-10</p>
<p style="text-align: right;">[21] 3,195,498 [13] A1</p> <p>[51] Int.Cl. D21H 11/12 (2006.01) [25] EN [54] SANITARY TISSUE PRODUCT TOWELS COMPRISING NON- WOOD FIBERS [54] SERVIETTES DE PAPIER HYGIENIQUE COMPOSEES DE FIBRES NON LIGNEUSES [72] KIEN, KATHRYN CHRISTIAN, US [72] YOUNG, CHRISTOPHER MICHAEL, US [72] SHEEHAN, JEFFREY GLEN, US [72] OSTENDORF, WARD WILLIAM, US [71] THE PROCTER & GAMBLE COMPANY, US [22] 2023-04-06 [41] 2023-10-08 [30] US (63/329,222) 2022-04-08 [30] US (63/329,718) 2022-04-11 [30] US (63/330,077) 2022-04-12 [30] US (63/353,183) 2022-06-17 [30] US (63/456,020) 2023-03-31</p>		

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<p>[21] 3,195,633 [13] A1</p> <p>[51] Int.Cl. E05B 57/00 (2006.01) E05B 77/00 (2014.01) E05B 79/00 (2014.01) B60R 11/00 (2006.01) E05C 3/22 (2006.01)</p> <p>[25] EN</p> <p>[54] LATCHING DEVICE AND ACCESSORY FOR VEHICLE</p> <p>[54] DISPOSITIF DE VERROUILLAGE ET ACCESOIRE POUR VEHICULE</p> <p>[72] LEBLANC, ETIENNE, CA [72] ROY, NORMAND, CA [72] JAILLET-GOSSELIN, PHILIPPE, CA [72] MORIN, VINCENT, CA [71] SOUCY INTERNATIONAL INC., CA [22] 2023-04-11 [41] 2023-10-12 [30] US (63/330,131) 2022-04-12</p>

<p>[21] 3,195,638 [13] A1</p> <p>[51] Int.Cl. B62D 33/00 (2006.01) B60J 5/00 (2006.01) B60P 1/04 (2006.01)</p> <p>[25] EN</p> <p>[54] UTILITY VEHICLE</p> <p>[54] VEHICULE UTILITAIRE</p> <p>[72] STEWART, STACEY E., US [72] HOLM, BRYCE A., US [72] FIELDS, JASON R., US [72] FRANK, LAUREN E., US [72] KRAMER, TYLER J., US [72] HAWES, CRAIG, US [72] LEVIN, NICK, US [72] NYSSE, BRIAN N., US [72] MARTIN, STEPHEN, US [72] STEELE, RICHARD, US [72] BETCHER, ANDREW, US [72] RICE, DANIEL, US [72] SAUNDERS, JAMES R., US [72] CARLSON, RYAN, US [71] POLARIS INDUSTRIES INC., US [22] 2023-04-11 [41] 2023-10-11 [30] US (63/329,543) 2022-04-11</p>
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<p>[21] 3,195,679 [13] A1</p> <p>[51] Int.Cl. A01G 9/24 (2006.01) A01G 22/00 (2018.01) A01G 9/14 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR TRACKING BATCHES OF VEGETATION THROUGH DIFFERENT ZONES</p> <p>[54] SYSTEME ET METHODE DE SUIVI DE LOTS DE VEGETATION DANS DIFFERENTES ZONES</p> <p>[72] STEPHENS, JASON RICHARD GEORGE, CA</p> <p>[71] ARGUS CONTROL SYSTEMS LTD., CA</p> <p>[22] 2023-04-11</p> <p>[41] 2023-10-12</p> <p>[30] US (63/330,049) 2022-04-12</p>
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<p>[21] 3,195,683 [13] A1</p> <p>[25] EN</p> <p>[54] PROTECTIVE GARMENT ASSEMBLY</p> <p>[54] ASSEMBLAGE DE VETEMENT DE PROTECTION</p> <p>[72] BATH, VIKRAMJEET SINGH, CA [72] CUMMINGS, DANIEL, CA [72] COUTURE PINISCH, ASA ALEXANDER, CA</p> <p>[72] NAVARRO, CATALINA, CA [72] CLAIR, LARA, CA [72] ZALEWSKI, BARTEK, CA [72] PEAREN, CHRIS, CA</p> <p>[71] ZULU ALPHA KILO INC., CA [22] 2023-04-11</p> <p>[41] 2023-10-11</p> <p>[30] US (63/329,634) 2022-04-11</p>

<p>[21] 3,195,690 [13] A1</p> <p>[51] Int.Cl. H01M 4/1391 (2010.01) H01M 4/131 (2010.01) H01M 10/0525 (2010.01) H01M 10/54 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD OF RECOVERING HIGH NICKEL CONTENT CATHODE MATERIAL FROM RECYCLED LITHIUM ION AND NICKEL METAL HYDRIDE BATTERIES</p> <p>[54] METHODE DE RECUPERATION DE MATERIAU DE CATHODE A HAUTE TENEUR EN NICKEL DE BATTERIES AU LITHIUM-ION ET A L'HYDRURE METALLIQUE DE NICKEL</p> <p>[72] SMITH, WILLIAM NOVIS, US [71] AMERICAN HYPERFORM, INC., US [22] 2023-04-07 [41] 2023-10-11 [30] US (63/329,531) 2022-04-11 [30] US (18/121,762) 2023-03-15</p>
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<p>[21] 3,195,693 [13] A1</p> <p>[51] Int.Cl. E04G 11/48 (2006.01) E04G 11/38 (2006.01) E04G 11/52 (2006.01)</p> <p>[25] EN</p> <p>[54] SHORING SYSTEM, BEAM ASSEMBLY FOR A SHORING SYSTEM, AND SHORING SYSTEM COMPONENTS</p> <p>[54] SYSTEME DE CHEVALEMENT, ENSEMBLE DE POUTRES POUR UN SYSTEME DE CHEVALEMENT ET COMPOSANTS DU SYSTEME DE CHEVALEMENT</p> <p>[72] BACON, DAVID L., US [72] IVES, CODY, US [71] TITAN FORMWORK SYSTEMS, LLC, US [22] 2023-04-11 [41] 2023-10-08 [30] US (63/329204) 2022-04-08 [30] US (18/132270) 2023-04-07</p>

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<p>[21] 3,195,699 [13] A1</p> <p>[25] EN [54] MONITORING DEGRADATION OF BUSS CABLES [54] SURVEILLANCE DE LA DETERIORATION DES CABLES DE BUS [72] VAN SICKLE, KYLE, US [72] ZOBEL, KEITH, US [72] MATSON, SAMMY A., US [71] COMMERCIAL METALS COMPANY, US [22] 2023-04-11 [41] 2023-10-11 [30] US (18/131,289) 2023-04-05 [30] US (63/329,714) 2022-04-11</p> <hr/> <p>[21] 3,195,716 [13] A1</p> <p>[51] Int.Cl. F24F 13/08 (2006.01) B08B 17/02 (2006.01) E04F 19/00 (2006.01) E06B 9/01 (2006.01) F16L 55/24 (2006.01) [25] EN [54] FRESH AIR INLET [54] ENTREE D'AIR FRAIS [72] REVERS, RYAN, US [72] SINUR, RICHARD R., US [72] MERGENER, BRADLEY, US [71] BROAN-NUTONE LLC, US [22] 2023-04-11 [41] 2023-10-12 [30] US (63/330,083) 2022-04-12</p> <hr/> <p>[21] 3,195,724 [13] A1</p> <p>[51] Int.Cl. B01D 53/047 (2006.01) F25J 1/00 (2006.01) [25] EN [54] METHODS AND SYSTEMS FOR CRYOGENICALLY SEPARATING CARBON DIOXIDE AND HYDROGEN FROM A SYNGAS STREAM [54] METHODES ET SYSTEMES DE SEPARATION CRYOGENIQUE DU DIOXYDE DE CARBONE ET DE L'HYDROGÈNE D'UN FLUX DE GAZ DE SYNTHÈSE [72] GIL, HENRY, CA [72] SQUIRES, ANDREW, CA [71] DECARBTEK GLOBAL CORP., CA [22] 2023-04-12 [41] 2023-10-12 [30] US (63/330,212) 2022-04-12</p>	<p>[21] 3,195,733 [13] A1</p> <p>[25] EN [54] REPLACEABLE CORIOLIS FLOW SENSORS WITH BROAD OPERATING RANGE [54] CAPTEURS DE FLUX DE CORIOLIS REMPLACABLES A GRANDE PORTEE DE FONCTIONNEMENT [72] MALANI, DEEPAK BHAGWAN, US [72] RAJAGOPALAN, JAYASEKAR, US [72] KNUDSEN, CLAUS WALDERSDORFF, US [72] CASTRO, RENATO DE, US [71] MALEMA ENGINEERING CORPORATION, US [22] 2023-04-11 [41] 2023-10-11 [30] US (17/718,197) 2022-04-11</p> <hr/> <p>[21] 3,195,737 [13] A1</p> <p>[51] Int.Cl. A23C 19/02 (2006.01) A23C 19/06 (2006.01) [25] EN [54] APPARATUS AND METHOD FOR FUSING CURD [54] APPAREIL ET METHODE POUR FUSIONNER DES NOYAUX [72] DORE, MICHEL, CA [72] MICHEL, ANTOINE, CA [72] GIGUERE, ANDRE, CA [71] DORE, MICHEL, CA [71] MICHEL, ANTOINE, CA [71] GIGUERE, ANDRE, CA [22] 2023-04-12 [41] 2023-10-12 [30] US (63/330,145) 2022-04-12</p> <hr/> <p>[21] 3,195,751 [13] A1</p> <p>[51] Int.Cl. B08B 1/04 (2006.01) E04F 17/04 (2006.01) F16L 55/24 (2006.01) F24F 13/08 (2006.01) [25] EN [54] FRESH AIR INLET [54] ENTREE D'AIR FRAIS [72] MICHAUD, STEPHANE, CA [71] BROAN-NUTONE LLC, US [22] 2023-04-12 [41] 2023-10-12 [30] US (63/330,057) 2022-04-12</p>	<p>[21] 3,195,758 [13] A1</p> <p>[51] Int.Cl. F16L 55/24 (2006.01) E06B 9/02 (2006.01) F24F 13/08 (2006.01) [25] EN [54] FRESH AIR INLET WITH VORTEX DEBRIS COLLECTION [54] ENTREE D'AIR FRAIS COMPRENANT LA COLLECTE DE DEBRIS EN TOURBILLON [72] REVERS, RYAN, US [72] SINUR, RICHARD R., US [72] MERGENER, BRADLEY, US [72] LILLESAND, BRENT, US [71] BROAN-NUTONE LLC, US [22] 2023-04-12 [41] 2023-10-12 [30] US (63/330,099) 2022-04-12</p> <hr/> <p>[21] 3,195,773 [13] A1</p> <p>[51] Int.Cl. H04L 67/52 (2022.01) H04W 4/02 (2018.01) H04L 51/52 (2022.01) [25] EN [54] LOCATION-RELATED TOPIC DISCUSSION SYSTEM, OPERATING METHOD AND COMPUTER-READABLE RECORDING MEDIUM [54] SYSTEME DE DISCUSSION DE SUJET LIE A L'EMPLACEMENT, METHODE D'EXPLOITATION ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR [72] LI, YU-HSIEN, TW [72] LEE, YU-CHIH, TW [72] MEI, HAO-WEN, TW [71] FRAMY INC., KY [22] 2023-04-11 [41] 2023-10-12 [30] TW (111113761) 2022-04-12</p> <hr/> <p>[21] 3,195,781 [13] A1</p> <p>[51] Int.Cl. H01H 71/66 (2006.01) [25] EN [54] SELF-POWERED RECLOSER [54] DISJONCTEUR REENCLENCHEUR A ALIMENTATION AUTONOME [72] TUEYSUEZ, ARDA, DE [72] BUDDE, CHRISTOPH, DE [71] ABB SCHWEIZ AG, CH [22] 2023-04-11 [41] 2023-10-12 [30] EP (22167854.3) 2022-04-12</p>
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<p>[21] 3,195,804 [13] A1</p> <p>[51] Int.Cl. B29C 33/02 (2006.01) [25] EN [54] CASTING MOLD FOR PRODUCING A CASTING HAVING A FRONT SIDE AND A REAR SIDE FROM A CURABLE CASTING COMPOUND [54] MOULE POUR LA PRODUCTION D'UN ARTICLE MOULE AYANT UN COTE AVANT ET UN COTE ARRIERE A PARTIR D'UN COMPOSE DE MOULAGE DURCISSABLE [72] PATERNOSTER, RUDOLF, DE [72] PLEDL, XAVER, DE [72] PROBST, ALOIS, DE [71] SCHOCK GMBH, DE [22] 2023-04-12 [41] 2023-10-12 [30] DE (102022108881.2) 2022-04-12</p>
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<p>[21] 3,195,808 [13] A1</p> <p>[51] Int.Cl. B29C 33/02 (2006.01) [25] EN [54] CASTING MOLD FOR PRODUCING A CASTING HAVING A FRONT SIDE AND A REAR SIDE FROM A CURABLE CASTING COMPOUND [54] MOULE POUR LA PRODUCTION D'UN ARTICLE MOULE AYANT UN COTE AVANT ET UN COTE ARRIERE A PARTIR D'UN COMPOSE DE MOULAGE DURCISSABLE [72] PATERNOSTER, RUDOLF, DE [72] PLEDL, XAVER, DE [72] PROBST, ALOIS, DE [71] SCHOCK GMBH, DE [22] 2023-04-12 [41] 2023-10-12 [30] DE (102022108882.0) 2022-04-12</p>
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<p>[21] 3,195,811 [13] A1</p> <p>[51] Int.Cl. G06F 40/20 (2020.01) G06N 10/00 (2022.01) G06F 7/58 (2006.01) [25] EN [54] NATURAL LANGUAGE PROCESSING BY MEANS OF A QUANTUM RANDOM NUMBER GENERATOR [54] TRAITEMENT DES LANGUES NATURELLES AU MOYEN D'UN GENERATEUR DE NOMBRES ALEATOIRES QUANTIQUE [72] LESOVIK, GORDEY, CH [72] MARCHENKO, ARTEMIY, CH [72] VINOKOUR, VALERII, CH [72] MALINOVSKII, VLADIMIR, CH [72] KHORUZHII, KIRILL, CH [72] IGNATOV, FEDOR, CH [72] MATRENOK, SEMEN, CH [72] KIRAKOSYAN, DAVIT, CH [72] TERENTEV, VLADIMIR, CH [71] TERRA QUANTUM AG, CH [22] 2023-04-12 [41] 2023-10-12 [30] EP (22167932.7) 2022-04-12</p>
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<p>[21] 3,195,823 [13] A1</p> <p>[51] Int.Cl. G06Q 20/38 (2012.01) G06Q 20/12 (2012.01) G06Q 30/0601 (2023.01) [25] EN [54] SYSTEM AND METHOD FOR SECURE WEB SERVICE ACCESS CONTROL [54] SYSTEME ET METHODE DE CONTROLE D'ACCES SECURISE A UN SERVICE WEB [72] BADAL-BADALIAN, ARNOLD, CA [72] BAEK, SEUNG BONG, CA [72] KHANDAVILLI, RAVI, CA [71] ROYAL BANK OF CANADA, CA [22] 2023-04-12 [41] 2023-10-12 [30] US (63/330,181) 2022-04-12</p>
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<p>[21] 3,195,903 [13] A1</p> <p>[51] Int.Cl. H05B 6/10 (2006.01) B01J 19/24 (2006.01) C10L 3/00 (2006.01) H05B 6/36 (2006.01) [25] EN [54] REACTOR AND RELATED SYSTEMS AND METHODS FOR FUEL GAS PRODUCTION [54] REACTEUR ET SYSTEMES ET METHODES CONNEXES POUR LA PRODUCTION DE GAZ COMBUSTIBLE [72] NAJAFI, AREF, CA [72] CHERNYAK, VOLODYMYR, CA [72] SHARIF, FARBOD, CA [71] INNOTECH ALBERTA INC., CA [22] 2023-04-12 [41] 2023-10-12 [30] US (63/329,958) 2022-04-12</p>
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<p>[21] 3,195,912 [13] A1</p> <p>[25] EN [54] MULTIPATH COMMUNICATION AND CONTROL [54] COMMUNICATION MULTIVOIE ET CONTROLE [72] PINHEIRO, ANA, US [72] KAUR, SAMIAN, US [72] JAKSA, ROBERT, US [71] COMCAST CABLE COMMUNICATIONS, LLC, US [22] 2023-04-11 [41] 2023-10-11 [30] US (63/329,661) 2022-04-11</p>
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<p>[21] 3,195,918 [13] A1</p> <p>[51] Int.Cl. H01F 30/08 (2006.01) H01F 30/16 (2006.01) H02H 1/00 (2006.01) [25] EN [54] AIR-CORE REACTORS FOR USE WITH POWER TRANSMISSION SYSTEMS [54] REACTEURS A NOYAU D'AIR A UTILISER AVEC DES SYSTEMES DE TRANSMISSION DE PUISSANCE [72] KUMAR, AMIT, GB [72] ZANINELLI, HENRIQUE BORGES, BR [72] SOUZA, LUIZ, GB [71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH [22] 2023-04-12 [41] 2023-10-13 [30] US (17/720160) 2022-04-13</p>
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[21] **3,195,934**

[13] A1

- [51] Int.Cl. A47B 83/02 (2006.01) A47B 9/20 (2006.01) A47B 21/02 (2006.01) A47B 85/00 (2006.01)
 - [25] EN
 - [54] WORK STATION
 - [54] POSTE DE TRAVAIL
 - [72] LUCCI, DINO, IT
 - [72] BONUCCELLI, DANTE, IT
 - [72] REINA, PAOLO, IT
 - [71] UNIFOR S.P.A., IT
 - [22] 2023-04-13
 - [41] 2023-10-14
 - [30] IT (102022000007418) 2022-04-14
 - [30] AU (2022202488) 2022-04-14
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[21] **3,195,957**

[13] A1

- [51] Int.Cl. A61K 47/26 (2006.01) A61K 35/741 (2015.01) A61K 35/744 (2015.01) A61K 9/20 (2006.01)
 - [25] EN
 - [54] PRODUCT COMPRISING PROBIOTICS AND ISOMALTULOSE AND METHOD OF ITS PRODUCTION
 - [54] PRODUIT COMPRENANT DES PROBIOTIQUES ET DE L'ISOMALTULOSE, ET METHODE DE FABRICATION
 - [72] GAVRILOVIC, DANIJELA, RS
 - [72] DMITROVIC, MILAN, RS
 - [72] FABER, MICHAEL, ES
 - [72] BRANDT, KARSTEN, ES
 - [71] BLUESTONE PHARMA GMBH, CH
 - [22] 2023-04-13
 - [41] 2023-10-13
 - [30] EP (22 168 236.2) 2022-04-13
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[21] **3,195,961**

[13] A1

- [51] Int.Cl. B25G 3/12 (2006.01) B26B 23/00 (2006.01)
 - [25] EN
 - [54] HEAD AND HANDLE CONNECTION FOR AN IMPLEMENT AND METHOD OF FABRICATION THEREOF
 - [54] RACCORD DE TETE ET DE POIGNEE POUR UN APPAREIL ET METHODE DE FABRICATION
 - [72] BERROUARD, MATHIEU, CA
 - [72] BLOUIN, CARL, CA
 - [72] JULIEN, PATRICK, CA
 - [71] GARANT GP, CA
 - [22] 2023-04-12
 - [41] 2023-10-13
 - [30] US (63/362,919) 2022-04-13
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[21] **3,195,962**

[13] A1

- [51] Int.Cl. A01M 31/06 (2006.01)
 - [25] EN
 - [54] WATERFOWL DECOY
 - [54] APPELANT DE SAUVAGINE
 - [72] UPTEGROVE, JOHN T., US
 - [72] LARSON, EDWARD A., US
 - [71] BASS PRO INTELLECTUAL PROPERTY, L.L.C., US
 - [22] 2023-04-13
 - [41] 2023-10-13
 - [30] US (17/719,747) 2022-04-13
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[21] **3,195,964**

[13] A1

- [51] Int.Cl. A43B 1/06 (2006.01) A43B 13/12 (2006.01)
 - [25] EN
 - [54] FOOTWEAR WITH CORK OUTSOLE
 - [54] CHAUSSURE COMPRENANT UNE SEMELLE EXTERIEURE EN LIEGE
 - [72] PARK, JINWOO, US
 - [71] BASS PRO INTELLECTUAL PROPERTY, L.L.C., US
 - [22] 2023-04-13
 - [41] 2023-10-14
 - [30] US (17/720,997) 2022-04-14
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[21] **3,196,022**

[13] A1

- [51] Int.Cl. G06F 21/45 (2013.01) G06Q 30/0601 (2023.01)
 - [25] EN
 - [54] AUTHORITY MANAGEMENT METHOD, DEVICE, EQUIPMENT AND STORAGE MEDIUM
 - [54] METHODE DE GESTION DES AUTORISATIONS, DISPOSITIF, MATERIEL ET SUPPORT DE STOCKAGE
 - [72] LIU, KAI, CN
 - [72] CHEN, XIAOSONG, CN
 - [72] ZHOU, CHAO, CN
 - [72] NIU, ZHENGFEI, CN
 - [72] XIA, YINGLIN, CN
 - [71] 10353744 CANADA LTD., CA
 - [22] 2023-04-13
 - [41] 2023-10-13
 - [30] CN (202210386349.8) 2022-04-13
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[21] **3,196,028**

[13] A1

- [51] Int.Cl. G06F 21/50 (2013.01) G06N 3/02 (2006.01)
 - [25] EN
 - [54] COMPUTER METHOD AND SYSTEM FOR INTELLIGENCE GATHERING
 - [54] METHODE INFORMATIQUE ET SYSTEME DE COLLECTE DE RENSEIGNEMENTS
 - [72] SALIBA, JAD JOHN, CA
 - [72] MCQUAID, JAMIE, CA
 - [72] AMICK, HAROLD C., CA
 - [71] MAGNET FORENSICS INC., CA
 - [22] 2023-04-13
 - [41] 2023-10-13
 - [30] US (63/330,685) 2022-04-13
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[21] **3,196,041**

[13] A1

- [51] Int.Cl. F16L 25/00 (2006.01) E04F 21/12 (2006.01) F15D 1/02 (2006.01) F16L 11/00 (2006.01)
- [25] EN
- [54] LOOSEFILL INSULATION HOSE CONNECTOR, LOOSEFILL INSULATION HOSE AND LOOSEFILL INSULATION INSTALLATION SYSTEM
- [54] CONNECTEUR DE BOYAU A MATERIAU DE BOURRAGE ISOLANT, BOYAU A MATERIAU DE BOURRAGE ISOLANT ET SYSTEME D'INSTALLATION DE BOURRAGE ISOLANT
- [72] SACKS, JEFFREY, US
- [72] LOMBARD, PIERRE, US
- [72] BHAMIDIPATI, ATCHYUTHA SREYA MANJU, US
- [72] LEMBO, MICHAEL J., US
- [72] WATKINS, CHRISTIAN, US
- [72] HARTZELL, BRUCE, US
- [72] LUIS, DAVID, US
- [71] CERTAINTEED LLC, US
- [22] 2023-04-13
- [41] 2023-10-13
- [30] EP (22305531.0) 2022-04-13

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October 8, 2023 to October 14, 2023

[21] **3,196,042**
 [13] A1

[51] Int.Cl. E05B 63/18 (2006.01) E05B
 1/00 (2006.01) E05B 13/10 (2006.01)
 E05C 1/14 (2006.01)

[25] EN

[54] **LOCKING PULL HANDLE
 DOGGING MECHANISM**

[54] **MECANISME DE
 CONDAMNATION POUR
 POIGNEE DE TIRAGE
 VERROUILLABLE**

[72] CLAY, LUKE E., US

[72] CONNELL, MICHAEL, US

[72] WIEDNER, SAM, US

[71] ASSA ABLOY ACCESSORIES AND
 DOOR CONTROLS GROUP, INC., US

[22] 2023-04-13

[41] 2023-10-13

[30] US (63/330682) 2022-04-13

[21] **3,196,043**
 [13] A1

[51] Int.Cl. F02C 9/22 (2006.01) B64F 5/40
 (2017.01) B64D 33/02 (2006.01) F02C
 7/00 (2006.01) F02C 7/057 (2006.01)

[25] EN

[54] **POSITION SENSOR FOR
 VARIABLE VANE ASSEMBLY
 AND METHOD FOR
 CALIBRATING SAME**

[54] **CAPTEUR DE POSITION POUR
 UN ASSEMBLAGE D'AUBE A
 INCIDENCE VARIABLE ET
 METHODE D'ETALONNAGE**

[72] CHAHAL, JASRAJ, CA

[72] BEAUCHESNE-MARTEL, PHILIPPE,
 CA

[72] MCCARTHY, SEAN, CA

[71] PRATT & WHITNEY CANADA
 CORP., CA

[22] 2023-04-11

[41] 2023-10-12

[30] US (17/719,037) 2022-04-12

[21] **3,196,064**
 [13] A1

[51] Int.Cl. A01K 1/062 (2006.01) A01K
 15/04 (2006.01)

[25] FR

[54] **CORNADIS BARRIER**

[54] **BARRIERE DE TYPE CORNADIS**

[72] DUBOUIX, PHILIPPE, FR

[71] AGRITUBEL, FR

[22] 2023-04-13

[41] 2023-10-14

[30] FR (22/03461) 2022-04-14

[21] **3,196,067**
 [13] A1

[51] Int.Cl. H01Q 15/10 (2006.01)

[25] EN

[54] **DEVICE FOR CONTROLLING RF
 ELECTROMAGNETIC BEAMS
 ACCORDING TO THEIR
 FREQUENCY BAND, AND
 MANUFACTURING METHOD**

[54] **DISPOSITIF POUR CONTROLER
 LES FAISCEAUX
 ELECTROMAGNETIQUES DE
 RADIOFRÉQUENCES SELON
 LEUR BANDE DE FREQUENCES
 ET MÉTHODE DE FABRICATION**

[72] LEGAY, HERVE, FR

[72] STOUMPOS, CHARALAMPOS, FR

[72] PIERRE, THIERRY, FR

[72] DURAN VENEGAS, JUAN, FR

[72] GARCIA VIGUERAS, MARIA, FR

[71] THALES, FR

[71] UNIVERSITE DE RENNES I, FR

[71] INSA DE RENNES, FR

[71] NANTES UNIVERSITE, FR

[71] CENTRALESUPELEC, FR

[71] CENTRE NATIONAL DE LA
 RECHERCHE SCIENTIFIQUE, FR

[22] 2023-04-14

[41] 2023-10-14

[30] FR (2203458) 2022-04-14

[21] **3,196,071**
 [13] A1

[25] FR

[54] **ROCKING ARM FOR CORNADIS
 BARRIER**

[54] **BALANCIER POUR BARRIERE DE
 TYPE CORNADIS**

[72] DUBOUIX, PHILIPPE, FR

[71] AGRITUBEL, FR

[22] 2023-04-13

[41] 2023-10-14

[30] FR (2203459) 2022-04-14

[21] **3,196,075**
 [13] A1

[25] EN

[54] **SYSTEMS AND METHODS OF
 ADJUSTABLE SUSPENSIONS FOR
 OFF-ROAD RECREATIONAL
 VEHICLES**

[54] **SISTÈMES ET MÉTHODES DE
 SUSPENSIONS AJUSTABLES
 POUR VÉHICULES RECREATIFS
 HORS ROUTE**

[72] TELFORD, CODY L., US

[71] POLARIS INDUSTRIES INC., US

[22] 2023-04-14

[41] 2023-10-14

[30] US (63/330,968) 2022-04-14

[21] **3,197,054**
 [13] A1

[51] Int.Cl. F04B 53/14 (2006.01) F04B
 5/02 (2006.01) F04B 25/00 (2006.01)
 F04B 37/12 (2006.01) F04B 39/10
 (2006.01) F04B 39/12 (2006.01)

[25] EN

[54] **PISTON COMPRESSOR**

[54] **COMPRESSEUR A PISTON**

[72] BAUMANN, HEINZ, DE

[72] ZIERMANN, ANDI, DE

[71] BORSIG ZM COMPRESSION GMBH,
 DE

[22] 2023-04-14

[41] 2023-10-14

[30] DE (10 2022 001 448.3) 2022-04-14

[21] **3,197,087**
 [13] A1

[51] Int.Cl. H02J 7/00 (2006.01) H02J
 50/00 (2016.01) H02J 50/10 (2016.01)
 F41H 1/02 (2006.01) H01M 10/44
 (2006.01) H01M 10/46 (2006.01)

[25] EN

[54] **WEARABLE BATTERY
 CHARGING CRADLE**

[54] **SOCLE DE RECHARGE DE
 BATTERIE PORTATIVE**

[72] SOAR, ROGER J., CA

[71] CYNETIC DESIGNS LTD., CA

[22] 2023-04-14

[41] 2023-10-14

[30] US (63/330,977) 2022-04-14

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[21] 3,197,152
[13] A1
[51] Int.Cl. B02C 18/30 (2006.01) A22C 17/00 (2006.01) A47J 43/07 (2006.01)
[25] EN
[54] DUAL GRIND ADAPTER KIT
[54] TROUSSE D'ADAPTATION A DEUX PLAQUES DE BROYAGE
[72] ZEINNER, TYANDRA, US
[71] LEM PRODUCTS HOLDINGS, LLC, US
[22] 2023-04-13
[41] 2023-10-13
[30] US (63/330,382) 2022-04-13

[21] 3,197,166
[13] A1
[25] EN
[54] ROOF EDGE SAFETY SYSTEM
[54] SYSTEME DE SECURITE DE BORD DE TOIT
[72] SCEPANIAK, KURTIS D., US
[72] MARQUETTE, MICHAEL S., US
[72] MARQUETTE, TRAVIS M., US
[71] SCEPANIAK IP HOLDINGS, LLC, US
[22] 2023-04-11
[41] 2023-10-08
[30] US (63/329,290) 2022-04-08

[21] 3,197,176
[13] A1
[25] EN
[54] SYSTEM AND METHOD OF COMPENSATION OF RADIOFREQUENCY SPATIAL ENCODING MISALIGNMENT ERRORS DUE TO GRADIENT NON-LINEARITY IN MAGNETIC RESONANCE IMAGING
[54] SYSTEME ET METHODE DE COMPENSATION DES ERREURS DE MAUVAIS ALIGNEMENT DANS LE CODAGE SPATIAL DES RADIOFRÉQUENCES EN RAISON DE LA NON-LINEARITÉ DE GRADIENT DANS L'IMAGERIE A RESONANCE MAGNÉTIQUE
[72] HARRIS, CHAD TYLER, CA
[72] CURTIS, ANDREW THOMAS, CA
[71] SYNAPTIVE MEDICAL INC., CA
[22] 2023-04-14
[41] 2023-10-14
[30] US (63/362,986) 2022-04-14

[21] 3,197,508
[13] A1
[51] Int.Cl. F01D 17/10 (2006.01) F16K 7/17 (2006.01) F16K 31/385 (2006.01)
[25] EN
[54] ACTIVELY CONTROLLED BLEED VALVE
[54] ROBINET DE PURGE A CONTROLE ACTIF
[72] MENHEERE, DAVID, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2023-04-11
[41] 2023-10-14
[30] US (17/659,202) 2022-04-14

[21] 3,207,766
[13] A1
[51] Int.Cl. C25C 7/02 (2006.01) C25C 3/34 (2006.01)
[25] EN
[54] TUNGSTEN ELECTRODE FOR MOLTEN SALT ELECTROLYSIS FOR RARE EARTH METALS PREPARATION, AND PREPARATION METHOD THEREOF
[54] ELECTRODE DE TUNGSTENE POUR L'ELECTROLYSE DE SEL FONDU POUR LA PREPARATION DE METAUX DE TERRE RARE ET METHODE DE PREPARATION CONNEXE
[72] YANG, SHAOHUA, CN
[72] CUI, ZHENHONG, CN
[72] LI, HUI, CN
[72] OUYANG, SENLIN, CN
[72] XIE, YAO, CN
[72] HE, FANGSONG, CN
[72] WU, GUANGDONG, CN
[72] XIE, KANGWEI, CN
[71] GANZHOU CHENGUANG RARE EARTHS NEW MATERIAL CO., LTD., CN
[22] 2023-07-27
[41] 2023-10-10
[30] CN (2023102598589) 2023-03-17

[21] 3,207,968
[13] A1
[51] Int.Cl. G02C 5/22 (2006.01)
[25] EN
[54] MECHANICAL ELASTIC STRUCTURE GLASSES WITHOUT METAL SPRING CORES AND WITHOUT METAL SCREWS
[54] LUNETTES A STRUCTURE ELASTIQUE MECANIQUE SANS NOYAUX DE RESSORT EN METAL NI VIS EN METAL
[72] FANG, KAI, CN
[71] WENZHOU EYEKEPPER TECHNOLOGY CO., LTD, CN
[22] 2023-07-31
[41] 2023-10-12
[30] US (18/139,920) 2023-04-26
[30] CN (2022233789831) 2022-12-16

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[21] **3,207,971**

[13] A1

[51] **Int.Cl. B01D 46/02 (2006.01) B01D
46/74 (2022.01) B01D 46/04 (2006.01)**

[25] EN

[54] **INDUSTRIAL FILTER ASSEMBLY
ENHANCEMENT**

[54] **AMELIORATION D'ENSEMBLE
FILTRE INDUSTRIEL**

[72] BASHAM, DANIEL E., US

[72] BROUSE, STEPHEN M., US

[71] W. L. GORE & ASSOCIATES, INC.,
US

[22] 2023-07-31

[41] 2023-10-12

[30] US (63/394,488) 2022-08-02

[30] US (18/119,938) 2023-03-10

[21] **3,208,155**

[13] A1

[51] **Int.Cl. A63G 9/04 (2006.01) A63G
1/28 (2006.01) A63G 9/16 (2006.01)**

[25] EN

[54] **AMUSEMENT RIDE**

[54] **MANEGE**

[72] KIANI, ALI, CA

[71] KIANI, ALI, CA

[22] 2023-08-02

[41] 2023-10-13

[30] US (17/884,464) 2022-08-09

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[21] **3,141,996**
[13] A1

[51] Int.Cl. C12N 5/071 (2010.01) A61L
27/38 (2006.01) A61P 3/10 (2006.01)
A61P 5/48 (2006.01)
[25] EN
[54] COMPOSITIONS AND METHODS
FOR GENERATING INSULIN-
PRODUCING BETA CELLS
[54] COMPOSITIONS ET PROCEDES
DE GENERATION DE CELLULES
BETA PRODUCTRICES
D'INSULINE
[72] GOLDMAN, ORIT, IL
[72] KUNICHER, NIKOLAI, IL
[72] VECSLER, MANUELA, IL
[72] TREVES, AVI, IL
[71] BETALIN THERAPEUTICS LTD., IL
[85] 2021-11-25
[86] 2020-07-01 (PCT/IL2020/050735)
[87] (WO2021/001828)
[30] US (62/869,038) 2019-07-01

[21] **3,173,459**
[13] A1

[25] EN
[54] SYSTEM AND METHOD FOR
AGGREGATING DATA IN A
REMOTE ADDRESS SPACE
[54] SYSTEME ET PROCEDE
D'AGREGATION DE DONNEES
DANS UN ESPACE D'ADRESSAGE
DISTANT
[72] BRAUN, ROLAND, DE
[72] HOERNICKE, MARIO, DE
[72] RUECKERT, JULIUS, DE
[71] ABB SCHWEIZ AG, CH
[85] 2022-09-26
[86] 2021-03-29 (PCT/EP2021/058152)
[87] (WO2021/198178)
[30] EP (20167246.6) 2020-03-31

[21] **3,185,801**
[13] A1

[51] Int.Cl. E04H 5/12 (2006.01) E02D
27/32 (2006.01) F28C 1/00 (2006.01)
[25] EN
[54] MODULAR COOLING TOWER
STRUCTURE, DESIGN, AND
METHOD OF ASSEMBLY
[54] STRUCTURE DE TOUR DE
REFROIDISSEMENT
MODULAIRE, CONCEPTION ET
METHODE D'ASSEMBLAGE
[72] JAKIC, JOHN, CA
[72] VERTESI, ROBERT, CA
[72] IANNI, JEFFREY GARRY, CA
[72] ANDERSON, TIMOTHY SCOTT, CA
[71] MARMON INDUSTRIAL WATER
LIMITED, CA
[85] 2023-01-11
[86] 2022-04-13 (PCT/CA2022/050575)
[87] (3185801)

[21] **3,203,894**
[13] A1

[51] Int.Cl. H05B 6/00 (2006.01) H05B
1/00 (2006.01)
[25] EN
[54] HEATING STRUCTURE AND
AEROSOL GENERATING DEVICE
INCLUDING THE SAME
[54] STRUCTURE DE CHAUFFAGE ET
DISPOSITIF DE GENERATION
D'AEROSOL COMPRENANT
LADITE STRUCTURE
[72] LEE, WONKYEONG, KR
[72] SUNWOO, PAUL JOON, KR
[72] LEE, MOONSANG, KR
[71] KT&G CORPORATION, KR
[85] 2023-06-29
[86] 2023-04-06 (PCT/KR2023/004642)
[87] (3203894)
[30] KR (10-2022-0045875) 2022-04-13

[21] **3,210,537**
[13] A1

[51] Int.Cl. C22B 3/26 (2006.01) B01D
11/02 (2006.01) C22B 3/08 (2006.01)
C22B 3/22 (2006.01) C22B 3/38
(2006.01) C22B 23/00 (2006.01) C22B
47/00 (2006.01)
[25] EN
[54] SOLVENT EXTRACTION
METHOD FOR SEPARATION AND
RECOVERY OF NICKEL,
COBALT, AND MANGANESE
[54] METHODE D'EXTRACTION DE
SOLVANT POUR LA
SEPARATION ET LA
RECUPERATION DE NICKEL, DE
COBALT ET DE MANGANESE
[72] KIM, DONG HEE, KR
[72] KIM, YONG HUN, KR
[72] KIM, WOO JIN, KR
[71] ECOPRO MATERIALS, CO., LTD.,
KR
[85] 2022-12-23
[86] 2022-04-12 (PCT/KR2022/005239)
[87] (3186428)
[30] KR (KR10-2022-0043985) 2022-04-08

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[21] 3,214,034
[13] A1

- [51] Int.Cl. B61L 25/02 (2006.01) E01B 27/04 (2006.01)
- [25] EN
- [54] KIT AND METHOD OF IMPLEMENTING LIGHT-DENSITY PASSENGER RAILWAY DEPLOYMENT ON A PRE-EXISTING TRACK
- [54] KIT ET PROCEDE DE MISE EN ?UVRE D'UN DEPLOIEMENT DE VOIE FERREE DE PASSAGER A FAIBLE DENSITE SUR UNE VOIE PREEEXISTANTE
- [72] POSNER, HENRY III, US
- [72] HODGSON, BRIDGET, US
- [71] POP-UP METRO LLC, US
- [85] 2023-09-28
- [86] 2022-04-08 (PCT/US2022/071614)
- [87] (WO2022/217266)
- [30] US (63/172,439) 2021-04-08

[21] 3,214,149
[13] A1

- [51] Int.Cl. B29C 64/124 (2017.01) B29C 64/277 (2017.01) B29C 64/35 (2017.01) B29C 64/386 (2017.01) B33Y 40/20 (2020.01) B33Y 70/10 (2020.01)
- [25] EN
- [54] PROCESS FOR MANUFACTURING A MONOLITHIC PART
- [54] PROCEDE DE FABRICATION D'UNE PIECE MONOLITHIQUE
- [72] SCHEITHAUER, UWE, DE
- [72] KARL, CHRISTOPH, CH
- [71] ANWERINA AG, CH
- [85] 2023-09-29
- [86] 2022-04-12 (PCT/EP2022/059684)
- [87] (WO2022/223359)
- [30] DE (10 2021 110 029.1) 2021-04-21

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- [51] Int.Cl. C07K 7/50 (2006.01) A61P 3/02 (2006.01) C07K 7/52 (2006.01) C07K 7/54 (2006.01) C07K 7/64 (2006.01) C07K 14/575 (2006.01)
- [25] EN
- [54] CONJUGATED HEPCIDIN MIMETICS
- [54] MIMETIQUES DE L'HEPCIDINE CONJUGUES
- [72] BOURNE, GREGORY THOMAS, AU
- [72] BHANDARI, ASHOK, US
- [71] PROTAGONIST THERAPEUTICS, INC., US
- [85] 2023-09-29
- [86] 2022-03-31 (PCT/US2022/022817)
- [87] (WO2022/212700)
- [30] US (63/169,545) 2021-04-01
- [30] US (63/325,328) 2022-03-30

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- [25] EN
- [54] METHODS FOR INHIBITING RAS
- [54] PROCEDES D'INHIBITION DE RAS
- [72] CORCORAN, RYAN B., US
- [72] NICHOLS, ROBERT J., US
- [71] THE GENERAL HOSPITAL CORPORATION, US
- [71] REVOLUTION MEDICINES, INC., US
- [85] 2023-09-29
- [86] 2022-04-01 (PCT/US2022/023133)
- [87] (WO2022/212894)
- [30] US (63/170,292) 2021-04-02
- [30] US (63/192,843) 2021-05-25

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- [25] EN
- [54] WATER SOLUBLE FORMULATIONS CONTAINING COENZYME-Q10 AND ASHWAGANDHA ROOT EXTRACT
- [54] FORMULATIONS SOLUBLES DANS L'EAU CONTENANT UNE COENZYME Q10 ET UN EXTRAIT DE RACINE D'ASHWAGANDHA
- [72] PANDEY, SIYARAM, CA
- [72] VEGH, CALEB, CA
- [71] NEXT REMEDIES INC., CA
- [85] 2023-09-29
- [86] 2022-03-30 (PCT/CA2022/050477)
- [87] (WO2022/204811)
- [30] US (63/168,016) 2021-03-30

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- [51] Int.Cl. C10G 9/20 (2006.01) C10G 9/36 (2006.01)
- [25] EN
- [54] PROCESSES AND SYSTEMS FOR STEAM CRACKING HYDROCARBON FEEDS
- [54] PROCEDES ET SYSTEMES DE VAPOCRAQUAGE DE CHARGES HYDROCARBONEES
- [72] ROONEY, MARK A., US
- [72] SPICER, DAVID, US
- [72] MCVICKER, BRYAN D., US
- [71] EXXONMOBIL CHEMICAL PATENTS INC., US
- [85] 2023-09-29
- [86] 2022-04-04 (PCT/US2022/023235)
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<p>[21] 3,214,189 [13] A1</p> <p>[25] EN</p> <p>[54] PULSED FIELD ABLATION DEVICE AND METHOD</p> <p>[54] DISPOSITIF ET METHODE D'ABLATION A CHAMP PULSE</p> <p>[72] NEDVED, VOJTECH, CZ</p> <p>[72] DASEK, JIRI, CZ</p> <p>[72] HANULIAK, MARTIN, CZ</p> <p>[72] HIJAZI, AHMAD, CZ</p> <p>[71] BTL MEDICAL DEVELOPMENT A.S., CZ</p> <p>[85] 2023-09-29</p> <p>[86] 2022-04-06 (PCT/IB2022/000189)</p> <p>[87] (WO2022/214870)</p> <p>[30] US (63/171,832) 2021-04-07</p> <p>[30] US (63/249,965) 2021-09-29</p> <p>[30] US (63/218,563) 2021-07-06</p>
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- [25] EN
- [54] SYSTEMS AND METHODS FOR LOCAL GENERATION AND/OR CONSUMPTION OF HYDROGEN GAS
- [54] SYSTEMES ET PROCEDES DE GENERATION ET/OU DE CONSOMMATION LOCALE D'HYDROGNE GAZEUX
- [72] ASHTON, JUSTIN B., US
- [72] GROENEWALD, ROELOF E., US
- [72] HUGHES, KEVIN J., US
- [72] KOKONASKI, WILLIAM, US
- [72] MANKIN, MAX N., US
- [72] PAN, TONY S., US
- [72] RODRIGUEZ, LEVI D., US
- [72] WOOD, LOWELL L., US
- [72] LORR, JOHN J., US
- [72] GOYAL, AMIT, US
- [72] SESHARDRI, VIKRAM, US
- [72] RADAELLI, FUIDO, US
- [72] MAHDI, MJ, US
- [72] BALLARD, MATTHEW, US
- [72] HARRIS, STEPHEN, US
- [72] PEARSE, ALEX, US
- [71] MODERN ELECTRON, US
- [85] 2023-09-29
- [86] 2022-03-31 (PCT/US2022/022935)
- [87] (WO2022/212776)
- [30] US (63/169,806) 2021-04-01
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[13] A1

- [51] Int.Cl. C12N 15/10 (2006.01) C12Q 1/6825 (2018.01) C12Q 1/6837 (2018.01) G01N 33/53 (2006.01)
- [25] EN
- [54] INTEGRATION OF A PROTEIN COLOCALIZATION DEVICE (PCD) ONTO A MICROFLUIDIC DEVICE
- [54] INTEGRATION D'UN DISPOSITIF DE COLOCALISATION DE PROTEINES (PCD) SUR UN DISPOSITIF MICROFLUIDIQUE
- [72] BOWEN, SHANE, US
- [72] ROTHEMUND, PAUL, US
- [72] GOPINATH, ASHWIN, US
- [71] SOMALOGIC OPERATING CO., INC., US
- [85] 2023-09-29
- [86] 2022-03-30 (PCT/US2022/022515)
- [87] (WO2022/212479)
- [30] US (63/168,837) 2021-03-31
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[13] A1

- [51] Int.Cl. C07K 16/30 (2006.01)
- [25] EN
- [54] ANTI-GPC3 ANTIBODIES AND METHODS OF USE
- [54] ANTICORPS ANTI-GPC3 ET PROCEDES D'UTILISATION
- [72] ISSAFRAS, HASSAN, CN
- [72] XU, WENFENG, CN
- [72] JIANG, WEI-DONG, CN
- [72] KIM, HEUNGNAM, CN
- [71] SHANGHAI HENLIUS BIOTECH, INC., CN
- [85] 2023-09-29
- [86] 2022-04-22 (PCT/CN2022/088432)
- [87] (WO2022/223018)
- [30] CN (PCT/CN2021/089233) 2021-04-23
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[13] A1

- [51] Int.Cl. H01M 8/04089 (2016.01) H01M 8/04537 (2016.01) H01M 8/04746 (2016.01) H01M 8/04858 (2016.01) H01M 8/04992 (2016.01)
- [25] EN
- [54] PREDICTIVE FUEL CELL MANAGEMENT SYSTEM
- [54] SYSTEME DE GESTION PREDICTIVE DE PILES A COMBUSTIBLE
- [72] MIFTAKHOV, VALERY, US
- [72] LAWES, STEPHEN, US
- [71] ZEROAVIA LTD., GB
- [85] 2023-09-29
- [86] 2022-03-30 (PCT/US2022/022681)
- [87] (WO2022/212599)
- [30] US (63/169,522) 2021-04-01
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[13] A1

- [51] Int.Cl. H04B 10/112 (2013.01)
- [25] EN
- [54] IMPROVING CLASSICAL AND QUANTUM FREE-SPACE COMMUNICATION BY ADAPTIVE OPTICS AND BY SEPARATING THE REFERENCE AND SIGNAL BEAMS WITH TIME DELAY FOR SOURCE(S) MOVING RELATIVE TO THE DETECTOR(S)
- [54] AMELIORATION DE LA COMMUNICATION A ESPACE LIBRE CLASSIQUE ET QUANTIQUE PAR OPTIQUE ADAPTATIVE ET PAR SEPARATION DES FAISCEAUX DE REFERENCE ET DE SIGNAL AVEC UN RETARD TEMPOREL POUR UNE OU PLUSIEURS SOURCES SE DEPLACANT PAR RAPPORT A UN OU PLUSIEURS DETECTEUR
- [72] CHAU, HOI FUNG, CN
- [72] CHAN, KAI SUM, CN
- [71] THE UNIVERSITY OF HONG KONG, CN
- [85] 2023-09-29
- [86] 2022-05-25 (PCT/CN2022/094917)
- [87] (WO2022/247854)
- [30] CN (PCT/CN2021/096100) 2021-05-26
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[13] A1

- [51] Int.Cl. G01N 21/90 (2006.01) G01N 21/93 (2006.01)
- [25] EN
- [54] LASER MARKED CALIBRATION STANDARDS FOR ON-LINE INSPECTION CAMERA QUALIFICATION AND METHODS OF USE
- [54] NORMES D'ETALONNAGE MARQUEES AU LASER POUR QUALIFICATION DE CAMERA D'INSPECTION EN LIGNE ET PROCEDES D'UTILISATION
- [72] MOTYKA, MICHAEL ALLEN, US
- [72] PICKERING, SHAWN LEWIS, US
- [72] WIELAND, KRISTOPHER ALLEN, US
- [71] CORNING INCORPORATED, US
- [85] 2023-09-29
- [86] 2022-03-31 (PCT/US2022/022717)
- [87] (WO2022/212625)
- [30] US (63/168,648) 2021-03-31

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<p>[21] 3,214,225 [13] A1</p> <p>[51] Int.Cl. C02F 11/121 (2019.01)</p> <p>[25] EN</p> <p>[54] METHOD AND SYSTEM FOR PRE-TREATING HIGH STRENGTH WASTEWATER</p> <p>[54] PROCEDE ET SYSTEME DE PRETRAITEMENT DES EAUX USEES HAUTEMENT CONCENTREEES</p> <p>[72] MEHRVAR, MEHRAB, CA</p> <p>[72] JOHNSON, MELODY BLYTHE, CA</p> <p>[71] MEHRVAR, MEHRAB, CA</p> <p>[71] JOHNSON, MELODY BLYTHE, CA</p> <p>[85] 2023-10-02</p> <p>[86] 2022-04-04 (PCT/CA2022/050507)</p> <p>[87] (WO2022/204823)</p> <p>[30] US (63/170,009) 2021-04-02</p>
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<p>[21] 3,214,227 [13] A1</p> <p>[51] Int.Cl. C07K 14/325 (2006.01) C07K 14/36 (2006.01)</p> <p>[25] EN</p> <p>[54] PESTICIDAL GENES AND METHODS OF USE</p> <p>[54] GENES PESTICIDES ET PROCEDES D'UTILISATION</p> <p>[72] KELLY, REBEKAH DETER, US</p> <p>[72] PARKS, JESSICA, US</p> <p>[72] THAYER, REBECCA E., US</p> <p>[72] TORNEY, FRANCOIS, FR</p> <p>[71] AGBIOME, INC., US</p> <p>[85] 2023-10-02</p> <p>[86] 2022-05-06 (PCT/US2022/028078)</p> <p>[87] (WO2022/236060)</p> <p>[30] US (63/185,123) 2021-05-06</p>
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<p>[21] 3,214,228 [13] A1</p> <p>[51] Int.Cl. A61K 31/05 (2006.01)</p> <p>[25] EN</p> <p>[54] TRANSDERMAL DELIVERY OF CANNABIDIOL</p> <p>[54] ADMINISTRATION TRANSDERMIQUE DE CANNABIDIOL</p> <p>[72] PLAKOGIANNIS, FOTIOS M., US</p> <p>[72] LATHER, TAMANNA, US</p> <p>[72] MODI, NISARG, US</p> <p>[72] BOROVINSKAYA, MARINA, US</p> <p>[71] PIKE THERAPEUTICS INC., CA</p> <p>[85] 2023-10-02</p> <p>[86] 2022-04-07 (PCT/IB2022/053276)</p> <p>[87] (WO2022/219468)</p> <p>[30] US (17/227,591) 2021-04-12</p>
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<p>[21] 3,214,229 [13] A1</p> <p>[51] Int.Cl. H02J 50/12 (2016.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR TRANSPORT VEHICLES USING RECYCLABLE FUELS</p> <p>[54] SYSTEME ET PROCEDE POUR VEHICULES DE TRANSPORT UTILISANT DES COMBUSTIBLES RECYCLABLES</p> <p>[72] OQAB, HAROON B., CA</p> <p>[72] DIETRICH, GEORGE B., CA</p> <p>[71] OQAB DIETRICH INDUCTION INC., CA</p> <p>[85] 2023-10-02</p> <p>[86] 2022-03-31 (PCT/CA2022/050496)</p> <p>[87] (WO2022/204819)</p> <p>[30] US (63/168,362) 2021-03-31</p>
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[13] A1

[51] Int.Cl. A01D 46/30 (2006.01) A01D 46/20 (2006.01)
[25] EN
[54] ROBOTIC FRUIT HARVESTING SYSTEM
[54] SYSTEME ROBOTISE DE COLLECTE DE FRUITS
[72] KNOPF, RYAN R., US
[72] WASSERMAN, RYAN, US
[72] BORGATTI, MATTHEW, US
[72] LESSING, JOSHUA AARON, US
[72] CHRISOS, JASON A., US
[72] PRATUSEVICH, MICHELE, US
[72] BIRD, WESLEY, US
[71] BORGATTI, MATTHEW, US
[85] 2023-10-02
[86] 2022-04-01 (PCT/US2022/023033)
[87] (WO2022/212830)
[30] US (63/170,232) 2021-04-02
[30] US (63/265,400) 2021-12-14

[21] 3,214,231
[13] A1

[25] EN
[54] ELECTROCHEMICAL CELL HAVING SOLID IONICALLY CONDUCTING POLYMER MATERIAL
[54] CELLULE ELECTROCHIMIQUE COMPRENANT UN MATERIAU POLYMERIQUE SOLIDE CONDUCTEUR PAR MIGRATION DES IONS
[72] ZIMMERMAN, MICHAEL A., US
[72] GAVRILOV, ALEXEI B., US
[72] LIU, TING, US
[71] IONIC MATERIALS, INC., US
[85] 2023-10-02
[86] 2022-04-08 (PCT/US2022/024098)
[87] (WO2022/217107)
[30] US (17/225,570) 2021-04-08

[21] 3,214,232
[13] A1

[51] Int.Cl. F02G 1/055 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS UTILIZING GAS TEMPERATURE AS A POWER SOURCE
[54] SYSTEMES ET PROCEDES UTILISANT UNE TEMPERATURE DE GAZ EN TANT QUE SOURCE D'ENERGIE
[72] BODISHBAUGH, ADRIAN BENJAMIN, US
[72] MURTLAND, CARRIE JEANNE, US
[71] ICE THERMAL HARVESTING, LLC, US
[85] 2023-10-02
[86] 2022-03-31 (PCT/US2022/071472)
[87] (WO2022/213106)
[30] US (63/200,908) 2021-04-02
[30] US (17/305,293) 2021-07-02
[30] US (17/305,294) 2021-07-02
[30] US (17/305,296) 2021-07-02
[30] US (17/305,297) 2021-07-02
[30] US (17/305,298) 2021-07-02
[30] US (17/481,658) 2021-09-22
[30] US (63/261,601) 2021-09-24
[30] US (17/494,936) 2021-10-06
[30] US (17/578,520) 2022-01-19
[30] US (17/578,528) 2022-01-19
[30] US (17/578,542) 2022-01-19
[30] US (17/578,550) 2022-01-19
[30] US (17/650,811) 2022-02-11
[30] US (17/670,827) 2022-02-14
[30] US (17/682,126) 2022-02-28
[30] US (63/269,572) 2022-03-18
[30] US (63/269,862) 2022-03-24
[30] US (17/657,009) 2022-03-29
[30] US (17/657,011) 2022-03-29
[30] US (17/657,015) 2022-03-29

[21] 3,214,233
[13] A1

[51] Int.Cl. B29C 64/10 (2017.01)
[25] EN
[54] SYSTEMS AND METHODS FOR ADDITIVE MANUFACTURING OF METAL NITRIDE CERAMICS
[54] SYSTEMES ET PROCEDES DE FABRICATION ADDITIVE DE CERAMIQUES DE NITRURE METALLIQUE
[72] BADWE, SUNIL BHALCHANDRA, US
[71] 6K INC., US
[85] 2023-10-02
[86] 2022-03-28 (PCT/US2022/022214)
[87] (WO2022/212291)
[30] US (63/200,841) 2021-03-31

[21] 3,214,234
[13] A1

[51] Int.Cl. A47J 31/60 (2006.01) A47J 31/46 (2006.01)
[25] EN
[54] SYSTEM FOR CLEANING MILK DUCTS FOR A MACHINE FOR PREPARING BEVERAGES
[54] SYSTEME DE NETTOYAGE DE CONDUITS A LAIT POUR MACHINE DE PREPARATION DE BOISSONS
[72] CARBONINI, CARLO, IT
[71] LUIGI LAVAZZA S.P.A., IT
[85] 2023-10-02
[86] 2022-04-06 (PCT/IB2022/053195)
[87] (WO2022/214983)
[30] IT (102021000008768) 2021-04-08

[21] 3,214,237
[13] A1

[51] Int.Cl. B64C 39/02 (2023.01)
[25] EN
[54] DEVICE AND METHOD FOR AUTONOMOUS MANAGEMENT OF A DRONE
[54] DISPOSITIF ET PROCEDE DE GESTION AUTONOME D'UN DRONE
[72] TORTORA, GIUSEPPE ROBERTO, IT
[72] AMICONI, DONATELLO, IT
[72] CANNAS, ANDREA, IT
[71] ABZERO SRLS, IT
[85] 2023-10-02
[86] 2022-04-07 (PCT/IB2022/053280)
[87] (WO2022/215033)
[30] IT (102021000008684) 2021-04-07

[21] 3,214,239
[13] A1

[51] Int.Cl. A24F 40/50 (2020.01) H04W 4/80 (2018.01) A24F 40/65 (2020.01)
[25] EN
[54] AEROSOL PROVISION SYSTEM WITH POWER-SAVING MODE
[54] SYSTEME DE FOURNITURE D'AEROSOL A MODE D'ECONOMIE D'ENERGIE
[72] KERSEY, ROBERT, GB
[72] BAKER, DARRYL, GB
[72] ERGUVEN, NEJAT, GB
[71] NICOVENTURES TRADING LIMITED, GB
[85] 2023-10-02
[86] 2022-04-08 (PCT/GB2022/050891)
[87] (WO2022/214829)
[30] GB (2105120.6) 2021-04-09

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[13] A1

[51] Int.Cl. A24F 40/65 (2020.01)
[25] EN
[54] AEROSOL PROVISION SYSTEM
[54] SYSTEME DE FOURNITURE D'AEROSOL
[72] LEADLEY, DAVID, GB
[72] DICKENS, COLIN, GB
[72] KERSEY, ROBERT, GB
[72] BAKER, DARRYL, GB
[71] NICVENTURES TRADING LIMITED, GB
[85] 2023-10-02
[86] 2022-04-12 (PCT/GB2022/050915)
[87] (WO2022/219322)
[30] GB (2105177.6) 2021-04-12

[21] 3,214,243
[13] A1

[25] EN
[54] COMPOSITIONS AND METHODS FOR TREATING TREATMENT-RESISTANT DEPRESSIVE DISORDERS WITH NITROUS OXIDE
[54] COMPOSITIONS ET METHODES POUR TRAITER DES TROUBLES DEPRESSIFS RESISTANTS AU TRAITEMENT AU MOYEN DE L'OXYDE NITREUX
[72] NAGELE, PETER, US
[71] NAGELE, PETER, US
[85] 2023-10-02
[86] 2022-04-02 (PCT/US2022/023191)
[87] (WO2022/212929)
[30] US (63/200,909) 2021-04-02

[21] 3,214,245
[13] A1

[51] Int.Cl. G01C 17/02 (2006.01)
[25] EN
[54] SYSTEM AND METHOD FOR PROVIDING A MAGNETIC-BASED CONTROLLER FOR A MOBILE ELECTRONIC DEVICE
[54] SYSTEME ET PROCEDE POUR FOURNIR UN DISPOSITIF DE COMMANDE A BASE MAGNETIQUE POUR UN DISPOSITIF ELECTRONIQUE MOBILE
[72] BARNETT, DAVID B., US
[72] DOURMASHKIN, STEVEN, US
[72] NAHUM, ALTAN, US
[71] POPSOCKETS LLC, US
[85] 2023-10-02
[86] 2022-04-28 (PCT/US2022/026716)
[87] (WO2022/232384)
[30] US (63/182,104) 2021-04-30

[21] 3,214,248
[13] A1

[51] Int.Cl. G06V 20/10 (2022.01) G01C 11/04 (2006.01)
[25] EN
[54] SYSTEM AND METHOD FOR VEGETATION DETECTION FROM AERIAL PHOTOGRAMMETRIC MULTISPECTRAL DATA
[54] SYSTEME ET PROCEDE DE DETECTION DE VEGETATION A PARTIR DE DONNEES MULTISPECTRALES PHOTOGRAMMETRIQUES AERIENNES
[72] HARIKUMAR, ARAVIND, CA
[72] ENSMINGER, INGO, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2023-10-02
[86] 2022-04-09 (PCT/CA2022/050555)
[87] (WO2022/213218)
[30] US (63/172,310) 2021-04-08
[30] SE (2150447-7) 2021-04-09

[21] 3,214,250
[13] A1

[51] Int.Cl. A01B 79/02 (2006.01)
[25] EN
[54] METHODS FOR MANAGING COORDINATED AUTONOMOUS TEAMS OF UNDER-CANOPY ROBOTIC SYSTEMS FOR AN AGRICULTURAL FIELD AND DEVICES
[54] PROCEDES DE GESTION D'EQUIPES AUTONOMES COORDONNEES DE SYSTEMES ROBOTISES SOUS-CANOPEE POUR UN CHAMP AGRICOLE ET DISPOSITIFS
[72] CHOWDHARY, GIRISH, US
[72] SOMAN, CHINMAY, US
[72] HANSEN, MICHAEL, US
[72] BYRNES, JOSEPH, US
[71] EARTHSENSE, INC., US
[85] 2023-10-02
[86] 2022-03-17 (PCT/IB2022/052450)
[87] (WO2022/208220)
[30] US (17/219,471) 2021-03-31

[21] 3,214,253
[13] A1

[51] Int.Cl. H04W 4/44 (2018.01) G06N 3/04 (2023.01)
[25] EN
[54] TRAFFIC CONTROL AT AN INTERSECTION
[54] REGULATION DE CIRCULATION A UNE INTERSECTION
[72] BUDAN, GOKHAN, GB
[72] SHADBOLT, PHILIP, GB
[71] ZETA SPECIALIST LIGHTING LIMITED, GB
[85] 2023-10-02
[86] 2022-04-14 (PCT/GB2022/050947)
[87] (WO2022/223952)
[30] GB (2105672.6) 2021-04-21

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<p>[21] 3,214,255 [13] A1</p> <p>[25] EN</p> <p>[54] SYSTEM FOR THE ENERGY-EFFICIENT TRANSFORMATION OF MIXED PLASTIC WASTE INTO HYDROCARBONS, METHOD FOR THE ENERGY-EFFICIENT TRANSFORMATION OF MIXED PLASTIC WASTE INTO HYDROCARBONS, HYDROCARBONS, AND USES THEREOF</p> <p>[54] SISTÈME DE TRANSFORMATION ENERGETIQUEMENT EFFICACE DES DÉCHETS PLASTIQUES VARIES EN HYDROCARBURES, PROCEDE DE TRANSFORMATION ENERGETIQUEMENT EFFICACE DES DÉCHETS PLASTIQUES VARIES EN HYDROCARBURES, HYDROCARBURES ET LEURS UTILISATION</p> <p>[72] MATHIAS ALOYSIUS BECKER NETO, CARLOS, BR</p> <p>[72] DEMARCI NETO, FERDINANDO, BR</p> <p>[71] VALOREN RECUPERADORA DE RESIDUOS LTDA., BR</p> <p>[85] 2023-10-03</p> <p>[86] 2022-04-01 (PCT/BR2022/050117)</p> <p>[87] (WO2022/204776)</p> <p>[30] BR (BR 1020210063807) 2021-04-01</p> <p>[30] BR (BR 1020220062560) 2022-03-31</p>	<p>[21] 3,214,280 [13] A1</p> <p>[51] Int.Cl. C07K 14/725 (2006.01)</p> <p>[25] EN</p> <p>[54] T CELL THERAPY IN PATIENTS WHO HAVE HAD PRIOR STEM CELL TRANSPLANT</p> <p>[54] THERAPIE PAR LYMPHOCYTES T CHEZ DES PATIENTS AYANT ANTERIEUREMENT SUBI UNE TRANSPLANTATION DE CELLULES SOUCHE</p> <p>[72] RYTLEWSKI, JULIE ANN, US</p> <p>[72] MASHADI-HOSSEIN, AFSHIN, US</p> <p>[72] FULLER, JAYMES, US</p> <p>[72] CAMPBELL, TIMOTHY, US</p> <p>[71] JUNO THERAPEUTICS, INC., US</p> <p>[71] CELGENE CORPORATION, US</p> <p>[85] 2023-10-03</p> <p>[86] 2022-04-15 (PCT/US2022/025130)</p> <p>[87] (WO2022/221737)</p> <p>[30] US (63/176,192) 2021-04-16</p>	<p>[21] 3,214,294 [13] A1</p> <p>[51] Int.Cl. C07C 68/08 (2006.01) C07C 69/96 (2006.01)</p> <p>[25] EN</p> <p>[54] PRODUCTION METHOD OF DIALKYL CARBONATE AND PRODUCTION APPARATUS FOR DIALKYL CARBONATE</p> <p>[54] PROCEDE ET DISPOSITIF DE FABRICATION DE CARBONATE DE DIALKYLE</p> <p>[72] ENOMOTO, MIYAKO, JP</p> <p>[72] OCHI, HIROYUKI, JP</p> <p>[71] ASAHI KASEI KABUSHIKI KAISHA, JP</p> <p>[85] 2023-10-03</p> <p>[86] 2022-04-22 (PCT/JP2022/018599)</p> <p>[87] (WO2022/230776)</p> <p>[30] JP (2021-075935) 2021-04-28</p>
<p>[21] 3,214,271 [13] A1</p> <p>[51] Int.Cl. G06F 21/56 (2013.01) G06F 21/52 (2013.01)</p> <p>[25] EN</p> <p>[54] ENDPOINT DETECTION AND RESPONSE TO CYBERSECURITY THREATS</p> <p>[54] DETECTION DE POINT D'EXTREMITE ET REPONSE A DES MENACES DE CYBERSECURITE</p> <p>[72] HOLLAND, MATTHEW, CA</p> <p>[71] FIELD EFFECT SOFTWARE INC., CA</p> <p>[85] 2023-10-03</p> <p>[86] 2022-04-07 (PCT/CA2022/050534)</p> <p>[87] (WO2022/213202)</p> <p>[30] US (63/173,033) 2021-04-09</p>	<p>[21] 3,214,284 [13] A1</p> <p>[51] Int.Cl. C07F 9/06 (2006.01) C05G 3/90 (2020.01) C01B 21/097 (2006.01)</p> <p>[25] FR</p> <p>[54] METHOD FOR PRODUCING PHOSPHORYL OR THIOPHOSPHORYL TRIAMIDE, AND USE OF COMPOUND IN NITROGEN FERTILIZER FORMULATIONS</p> <p>[54] PROCEDE DE FABRICATION DE TRIAMIDE DE PHOSPHORYLE OU DE THIOPHOSPHORYLE, ET UTILISATION DE COMPOSE DANS DES FORMULATIONS D'ENGRAIS AZOTIQUES</p> <p>[72] BEAL, BERNARD, FR</p> <p>[72] BELLEPERCHE, ERIC, FR</p> <p>[72] MONTAGNIER, BRUNO, FR</p> <p>[71] NOVAEM BBTRADE, FR</p> <p>[85] 2023-10-03</p> <p>[86] 2022-04-27 (PCT/IB2022/053887)</p> <p>[87] (WO2022/229859)</p> <p>[30] FR (2104347) 2021-04-27</p>	<p>[21] 3,214,297 [13] A1</p> <p>[51] Int.Cl. B01F 23/20 (2022.01) B01F 23/70 (2022.01) B01F 35/00 (2022.01)</p> <p>[25] EN</p> <p>[54] MICRO BUBBLE GENERATION METHOD AND GENERATION DEVICE</p> <p>[54] PROCEDE ET DISPOSITIF DE PRODUCTION DE MICROBULLES</p> <p>[72] MA, MINXIONG, CN</p> <p>[71] MA, MINXIONG, CN</p> <p>[85] 2023-10-03</p> <p>[86] 2022-04-13 (PCT/CN2022/086569)</p> <p>[87] (WO2022/218333)</p> <p>[30] CN (202110406058.6) 2021-04-15</p>
<p>[21] 3,214,271 [13] A1</p> <p>[51] Int.Cl. G06F 21/56 (2013.01) G06F 21/52 (2013.01)</p> <p>[25] EN</p> <p>[54] ENDPOINT DETECTION AND RESPONSE TO CYBERSECURITY THREATS</p> <p>[54] DETECTION DE POINT D'EXTREMITE ET REPONSE A DES MENACES DE CYBERSECURITE</p> <p>[72] HOLLAND, MATTHEW, CA</p> <p>[71] FIELD EFFECT SOFTWARE INC., CA</p> <p>[85] 2023-10-03</p> <p>[86] 2022-04-07 (PCT/CA2022/050534)</p> <p>[87] (WO2022/213202)</p> <p>[30] US (63/173,033) 2021-04-09</p>	<p>[21] 3,214,284 [13] A1</p> <p>[51] Int.Cl. C07F 9/06 (2006.01) C05G 3/90 (2020.01) C01B 21/097 (2006.01)</p> <p>[25] FR</p> <p>[54] METHOD FOR PRODUCING PHOSPHORYL OR THIOPHOSPHORYL TRIAMIDE, AND USE OF COMPOUND IN NITROGEN FERTILIZER FORMULATIONS</p> <p>[54] PROCEDE DE FABRICATION DE TRIAMIDE DE PHOSPHORYLE OU DE THIOPHOSPHORYLE, ET UTILISATION DE COMPOSE DANS DES FORMULATIONS D'ENGRAIS AZOTIQUES</p> <p>[72] BEAL, BERNARD, FR</p> <p>[72] BELLEPERCHE, ERIC, FR</p> <p>[72] MONTAGNIER, BRUNO, FR</p> <p>[71] NOVAEM BBTRADE, FR</p> <p>[85] 2023-10-03</p> <p>[86] 2022-04-27 (PCT/IB2022/053887)</p> <p>[87] (WO2022/229859)</p> <p>[30] FR (2104347) 2021-04-27</p>	<p>[21] 3,214,298 [13] A1</p> <p>[51] Int.Cl. C07D 401/14 (2006.01)</p> <p>[25] EN</p> <p>[54] INHIBITORS OF POLY(ADP-RIBOSE) POLYMERASE</p> <p>[54] INHIBITEURS DE LA POLY(ADP-RIBOSE) POLYMERASE</p> <p>[72] VAKKALANKA, SWAROOP KUMAR VENKATA SATYA, CH</p> <p>[72] BHUNIYA, DEBNATH, IN</p> <p>[72] VISWANADHA, SRIKANT, IN</p> <p>[71] RHIZEN PHARMACEUTICALS AG, CH</p> <p>[71] INCOZEN THERAPEUTICS PVT. LTD., IN</p> <p>[85] 2023-10-03</p> <p>[86] 2022-04-07 (PCT/IB2022/053282)</p> <p>[87] (WO2022/215034)</p> <p>[30] IN (202141016598) 2021-04-08</p>

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[13] A1

[51] Int.Cl. E04B 9/12 (2006.01)

[25] EN

[54] CEILING GRID HANGER HOLES
[54] TROUS DE SUSPENSION POUR
GRILLE DE PLAFOND

[72] GULBRANDSEN, PEDER J., US

[72] MATHIOT, NATHAN, US

[72] O'DONNELL, MICHAEL P., US

[71] USG INTERIORS, LLC, US

[85] 2023-10-03

[86] 2022-04-07 (PCT/US2022/071598)

[87] (WO2022/221817)

[30] US (17/227,891) 2021-04-12

[21] 3,214,304

[13] A1

[51] Int.Cl. C01B 39/46 (2006.01) B01J
20/18 (2006.01)

[25] EN

[54] GIS-TYPE ZEOLITE FORMED
BODY, ADSORPTION
APPARATUS, SEPARATION
METHOD, AND GIS-TYPE
ZEOLITE

[54] CORPS MOULE DE ZEOLITE DE
TYPE GIS, DISPOSITIF
D'ADSORPTION, PROCEDE DE
SEPARATION ET ZEOLITE DE
TYPE GIS

[72] SUZUE, YUJI, JP

[72] NOMURA, KOUJI, JP

[72] AKAOGI, TAKAYUKI, JP

[72] IITSUKA, TAKEHIRO, JP

[71] ASAHI KASEI KABUSHIKI KAISHA,
JP

[85] 2023-10-03

[86] 2022-05-26 (PCT/JP2022/021580)

[87] (WO2022/259880)

[30] JP (2021-095003) 2021-06-07

[21] 3,214,306

[13] A1

[25] EN

[54] ANTENNA MAST STRUCTURE
[54] STRUCTURE DE MAT
D'ANTENNE

[72] MAMER, JUSTIN R., US

[72] McDANIEL, QUINTIN W., US

[72] LINGOZI, BABA S. C., US

[72] VANCE, MICHAEL J., US

[71] CATERPILLAR GLOBAL MINING
EQUIPMENT LLC, US

[85] 2023-10-03

[86] 2022-03-28 (PCT/US2022/022086)

[87] (WO2022/221035)

[30] US (17/227,893) 2021-04-12

[21] 3,214,311

[13] A1

[51] Int.Cl. A61K 31/351 (2006.01) A61K
31/426 (2006.01) A61K 31/4418
(2006.01)

[25] EN

[54] URAT1 INHIBITOR,
PHARMACEUTICAL
COMPOSITIONS AND USES
THEREOF
[54] INHIBITEUR D'URAT1,
COMPOSITIONS
PHARMACEUTIQUES ET LEURS
UTILISATIONS

[72] ROSENWALD, LINDSAY, US

[72] ROSENWALD, LINDSAY, US

[72] ZHENG, LEI, US

[71] UR-1 THERAPEUTICS, INC., US

[85] 2023-10-03

[86] 2022-04-06 (PCT/US2022/023730)

[87] (WO2022/216870)

[30] US (63/171,774) 2021-04-07

[30] US (63/172,440) 2021-04-08

[21] 3,214,317

[13] A1

[51] Int.Cl. A61C 13/34 (2006.01) A61C
13/10 (2006.01) A61C 13/103
(2006.01)

[25] EN

[54] WORKING MODEL TO PERFORM
A DENTAL PROSTHESIS FOR A
TOOTH STUMP, AND METHOD
TO MAKE THE WORKING
MODEL

[54] MODELE DE TRAVAIL POUR
REALISER UNE PROTHESE
DENTAIRE POUR UN MOIGNON
DE DENT, ET PROCEDE DE
FABRICATION DU MODELE DE
TRAVAIL

[72] NIEVES PEREZ, MIGUEL ANGEL,
ES

[72] ESPINACH VILLANUEVA, DAVID,
ES

[71] IMPLANT PROTESIS DENTAL 2004
S.L., ES

[85] 2023-10-03

[86] 2022-04-13 (PCT/EP2022/059881)

[87] (WO2022/223398)

[30] EP (21382337.0) 2021-04-19

[21] 3,214,318

[13] A1

[51] Int.Cl. C07C 233/36 (2006.01) A61K
31/222 (2006.01) A61K 31/265
(2006.01) A61K 31/27 (2006.01) C07C
271/64 (2006.01) C07D 207/16
(2006.01)

[25] EN

[54] NOVEL MODULATORS OF THE
MELATONIN RECEPTORS AS
WELL AS METHOD OF
MANUFACTURE AND USES
THEREOF

[54] NOUVEAUX MODULATEURS DES
RECEPTEURS DE LA
MELATONINE, LEUR PROCEDE
DE PRODUCTION ET LEURS
UTILISATIONS

[72] GOBBI, GABRIELLA, CA

[72] ZAMBONI, ROBERT, CA

[72] LI, SHIGUANG, US

[71] COSMAS THERAPEUTICS
DEVELOPMENT INC., CA

[85] 2023-10-03

[86] 2022-04-06 (PCT/CA2022/050525)

[87] (WO2022/213195)

[30] US (63/200,980) 2021-04-07

[21] 3,214,319

[13] A1

[51] Int.Cl. A01B 39/18 (2006.01)

[25] EN

[54] INTRA-ROW WEEDING METHOD
FOR AGRICULTURAL CROPS IN
THE IMMEDIATE VICINITY OF
THE ROOTS THEREOF

[54] PROCEDE DE DESHERBAGE
INTER-RANGERS POUR
CULTURES AGRICOLES A
PROXIMITE IMMEDIATE DE
LEURS RACINES

[72] ULLMANN, JINDRICH, CZ

[72] ULLMANN, MARTIN, CZ

[72] CMELIK, JAN, CZ

[72] PLHAL, JAN, CZ

[72] SPACEK, JAN, CZ

[71] ULLMANNA S.R.O., CZ

[85] 2023-10-03

[86] 2022-04-20 (PCT/IB2022/053687)

[87] (WO2022/224159)

[30] CZ (PV 2021-198) 2021-04-20

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[21] 3,214,321

[13] A1

- [51] Int.Cl. C12Q 1/6886 (2018.01) G16B 20/00 (2019.01) G16B 30/10 (2019.01) G16B 30/20 (2019.01)
 - [25] EN
 - [54] **METHOD OF DETECTING CANCER USING GENOME-WIDE CFDNA FRAGMENTATION PROFILES**
 - [54] **METHODE DE DETECTION DE CANCER A L'AIDE DE PROFILS DE FRAGMENTATION D'ADN ACELLULAIRE A L'ECHELLE DU GENOME**
 - [72] DRACOPOLI, NICHOLAS C., US
 - [72] LEAL, ALESSANDRO, US
 - [72] CAREY, JACOB, US
 - [71] DELFI DIAGNOSTICS, INC., US
 - [85] 2023-10-03
 - [86] 2022-04-07 (PCT/US2022/023907)
 - [87] (WO2022/216981)
 - [30] US (63/172,493) 2021-04-08
-

[21] 3,214,323

[13] A1

- [25] EN
- [54] **SYSTEM AND METHOD FOR PROCESS GAS RECAPTURE FOR EMISSION RECOVERY**
- [54] **SYSTÈME ET PROCÉDÉ DE RECUPERATION DE GAZ DE TRAITEMENT POUR RECUPERATION D'EMISSIONS**
- [72] MURRAY, ADAM SCOTT, US
- [72] HEINLE, ERIC, US
- [72] SMITH, JACK A., US
- [72] STRATTON, WILLIAM, US
- [71] WELDFIT LLC, US
- [85] 2023-10-03
- [86] 2022-04-04 (PCT/US2022/023357)
- [87] (WO2022/216629)
- [30] US (63/170,704) 2021-04-05

[21] 3,214,324

[13] A1

- [51] Int.Cl. B01D 15/00 (2006.01) C02F 1/00 (2006.01)
- [25] EN
- [54] **SYSTEM AND METHOD FOR SEPARATING COMPETING ANIONS FROM PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) IN WATER**
- [54] **SYSTÈME ET PROCÉDÉ POUR SEPARER DES ANIONS CONCURRENTS DE SUBSTANCES PER- ET POLYFLUOROALKYLE (PFAS) DANS DE L'EAU**
- [72] WOODARD, STEVEN E., US
- [72] NICKELSEN, MICHAEL G., US
- [72] BERRY, JOHN C., US
- [71] EMERGING COMPOUNDS TREATMENT TECHNOLOGIES, INC., US
- [85] 2023-10-03
- [86] 2022-03-24 (PCT/US2022/021715)
- [87] (WO2022/212165)
- [30] US (63/169,987) 2021-04-02

[21] 3,214,326

[13] A1

- [51] Int.Cl. C10B 39/02 (2006.01) C10B 53/02 (2006.01) C10L 5/44 (2006.01) C10L 5/46 (2006.01) C10L 5/48 (2006.01) C10L 9/08 (2006.01)
 - [25] EN
 - [54] **METHOD FOR PROVIDING RAW MATERIAL FOR AN INDUSTRIAL PROCESS**
 - [54] **PROCÉDÉ DE FOURNITURE DE MATIÈRE PREMIÈRE POUR UN PROCÉDÉ INDUSTRIEL**
 - [72] KINZEL, KLAUS PETER, LU
 - [72] STRUBER, GEORG, LU
 - [72] DE FRUTOS SANTAMARIA, JUAN LUIS, LU
 - [71] PAUL WURTHA S.A., LU
 - [85] 2023-10-03
 - [86] 2022-04-20 (PCT/EP2022/060403)
 - [87] (WO2022/223605)
 - [30] LU (LU500064) 2021-04-20
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[21] 3,214,327

[13] A1

- [51] Int.Cl. A61M 15/00 (2006.01)
 - [25] EN
 - [54] **UNIT DOSE DRY POWDER INHALER**
 - [54] **INHALATEUR DE POUDRE SÈCHE MONODOSE**
 - [72] MELINIOTIS, ANDREAS, GB
 - [72] BAYLISS, JUSTIN, GB
 - [71] VECTURA DELIVERY DEVICES LIMITED, GB
 - [85] 2023-10-03
 - [86] 2022-05-06 (PCT/EP2022/062245)
 - [87] (WO2022/234065)
 - [30] EP (21172658.3) 2021-05-07
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[21] 3,214,329

[13] A1

- [51] Int.Cl. B60B 17/00 (2006.01) C21D 8/00 (2006.01) C21D 9/34 (2006.01) C22C 38/00 (2006.01) C22C 38/50 (2006.01)
- [25] EN
- [54] **RAILWAY WHEEL**
- [54] **ROUE POUR MATERIEL DE CHEMIN DE FER**
- [72] MAEJIMA, TAKETO, JP
- [72] OSAKA, TARO, JP
- [72] YAMAMOTO, YUICHIRO, JP
- [72] MATSUI, NAOKI, JP
- [71] NIPPON STEEL CORPORATION, JP
- [85] 2023-10-03
- [86] 2022-04-12 (PCT/JP2022/017582)
- [87] (WO2022/220237)
- [30] JP (2021-069974) 2021-04-16

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[21] 3,214,332

[13] A1

[51] Int.Cl. G21B 1/13 (2006.01)

[25] EN

[54] COMPONENTS FOR AN APPARATUS THAT PRODUCES A NEUTRON FLUX

[54] COMPOSANTS POUR UN APPAREIL QUI PRODUIT UN FLUX DE NEUTRONS

[72] DAVIS, THOMAS, GB

[72] LLOYD, MATTHEW, GB

[71] OXFORD SIGMA LIMITED, GB

[85] 2023-10-03

[86] 2022-04-22 (PCT/EP2022/060755)

[87] (WO2022/223811)

[30] GB (2105750.0) 2021-04-22

[21] 3,214,334

[13] A1

[51] Int.Cl. H02G 9/10 (2006.01)

[25] EN

[54] METHOD OF FORMING A FOLDABLE AND/OR COLLAPSIBLE PLASTIC/COMPOSITE UTILITY ENCLOSURE

[54] PROCEDE DE FORMATION D'UNE ENCEINTE UTILITAIRE PLIABLE ET/OU PLIABLE EN PLASTIQUE/COMPOSITE

[72] NOLEN, DUSTIN KYLE, US

[72] THOMPSON, RAYMOND GEORGE, US

[71] AFL TELECOMMUNICATIONS LLC, US

[85] 2023-10-03

[86] 2022-04-05 (PCT/US2022/023446)

[87] (WO2022/216683)

[30] US (17/223,089) 2021-04-06

[21] 3,214,337

[13] A1

[51] Int.Cl. B63G 8/16 (2006.01)

[25] EN

[54] SUBMERSIBLE VEHICLE

[54] VEHICULE SUBMERSIBLE

[72] BOWER, MICHAEL, GB

[71] BLUE ECONOMY ENGINEERING LTD, GB

[85] 2023-10-03

[86] 2022-04-05 (PCT/GB2022/050851)

[87] (WO2022/214800)

[30] GB (2104841.8) 2021-04-06

[21] 3,214,342

[13] A1

[51] Int.Cl. C07K 16/28 (2006.01) C07K 16/30 (2006.01)

[25] EN

[54] THERAPEUTIC METHODS USING CONSTRAINED CONDITIONALLY ACTIVATED BINDING PROTEINS

[54] METHODES THERAPEUTIQUES UTILISANT DES PROTEINES DE LIAISON ACTIVEES DE MANIERE CONDITIONNELLE CONTRAINTES

[72] MAY, CHAD, US

[72] DUBRIDGE, ROBERT B., US

[72] VINOGRADOVA, MAIA, US

[72] PANCHAL, ANAND, US

[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP

[85] 2023-10-03

[86] 2022-04-06 (PCT/IB2022/053188)

[87] (WO2022/214978)

[30] US (63/171,556) 2021-04-06

[30] US (63/297,662) 2022-01-07

[21] 3,214,343

[13] A1

[51] Int.Cl. A47K 3/04 (2006.01) B44C 5/04 (2006.01)

[25] EN

[54] IMPROVED SHOWER ASSEMBLY WITH INTEGRATED WATER COLLECTION AND DISPERSION

[54] ENSEMBLE DOUCHE AMELIORE AVEC COLLECTE ET DISPERSION D'EAU INTEGREES

[72] CHAMPAGNE, JEAN SEBASTIEN, CA

[72] MARTIN, DESAULNIERS, CA

[72] LACASSE-VEILLEUX, CHRISTINE, CA

[71] AMERICAN BATH GROUP, LLC, US

[71] MAAK BATH, INC., CA

[85] 2023-10-03

[86] 2022-03-30 (PCT/US2022/022694)

[87] (WO2022/212612)

[30] US (63/168,241) 2021-03-30

[21] 3,214,347

[13] A1

[25] EN

[54] PLANT-BASED LEATHER SUBSTITUTE MATERIAL

[54] MATERIAU D'ORIGINE VEGETALE SUBSTITUT DU CUIR

[72] SIMARD, FRANCOIS, CA

[72] FILTEAU, MARTIN, CA

[72] IBRAHIM, AHMAD, CA

[71] GESTION DRYAD INC., CA

[85] 2023-10-03

[86] 2022-04-07 (PCT/CA2022/050537)

[87] (WO2022/213205)

[30] US (63/171,775) 2021-04-07

[21] 3,214,348

[13] A1

[25] EN

[54] CANNABIS LIMITS CANCER STEM CELL GROWTH IN POORLY DIFFERENTIATED CANCERS

[54] LIMITATION DE LA CROISSANCE DE CELLULES SOUCHES CANCEREUSES PAR LE CANNABIS DANS DES CANCERS PEU DIFFERENCES

[72] JEWETT, ANAHID, US

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[85] 2023-10-03

[86] 2022-03-29 (PCT/US2022/022262)

[87] (WO2022/225658)

[30] US (63/176,581) 2021-04-19

[21] 3,214,349

[13] A1

[51] Int.Cl. G06F 40/103 (2020.01) G06F 40/183 (2020.01) G06F 40/205 (2020.01) G06F 40/295 (2020.01) G06F 40/30 (2020.01)

[25] EN

[54] LINGUISTICALLY-DRIVEN AUTOMATED TEXT FORMATTING

[54] FORMATAGE DE TEXTE AUTOMATISE AXE SUR LA LINGUISTIQUE

[72] VAN DYKE, JULIE A., US

[72] GORMAN, MICHAEL, US

[72] LACEK, MARK, US

[71] CASCADE READING, INC., US

[85] 2023-10-03

[86] 2022-04-08 (PCT/US2022/024070)

[87] (WO2022/217087)

[30] US (63/173,298) 2021-04-09

[30] US (17/233,339) 2021-04-16

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[21] 3,214,351
[13] A1

- [51] Int.Cl. A61K 8/06 (2006.01) A61K 8/34 (2006.01)
 - [25] EN
 - [54] AQUEOUS PERSONAL CARE COMPOSITIONS COMPRISING CARBOXYMETHYL CELLULOSE (CMC) HAVING AN OPTIMIZED DEGREE OF SUBSTITUTION
 - [54] COMPOSITIONS AQUEUSES DE SOIN PERSONNEL COMPRENANT DE LA CARBOXYMETHYL CELLULOSE (CMC) AYANT UN DEGRE OPTIMISE DE SUBSTITUTION
 - [72] SOURY-LAVERGNE, MARIE-AUDE GIDEL, FR
 - [72] DERUDDRE, KARINE, FR
 - [72] METRO, CLEMENCE, FR
 - [72] FARES, HANI M., JE
 - [71] ISP INVESTMENTS LLC, US
 - [85] 2023-10-03
 - [86] 2022-04-06 (PCT/US2022/023617)
 - [87] (WO2022/216789)
 - [30] US (63/171,266) 2021-04-06
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[21] 3,214,352
[13] A1

- [51] Int.Cl. A61K 35/28 (2015.01)
 - [25] EN
 - [54] CELL THERAPIES AND METHODS OF TREATMENT FOR SMALL-VOLUME STROKE
 - [54] THERAPIES CELLULAIRES ET METHODES DE TRAITEMENT POUR UN ACCIDENT VASCULAIRE A FAIBLE VOLUME
 - [72] NEJADNIK, BIJAN, US
 - [71] SANBIO, INC., US
 - [85] 2023-10-03
 - [86] 2022-05-24 (PCT/US2022/072530)
 - [87] (WO2022/251829)
 - [30] US (63/194,021) 2021-05-27
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[21] 3,214,354
[13] A1

- [51] Int.Cl. A61P 25/14 (2006.01) A61P 25/28 (2006.01)
 - [25] EN
 - [54] TREATMENT OF PRODRMAL HUNTINGTON DISEASE
 - [54] TRAITEMENT DE LA MALADIE DE HUNTINGTON PRODROMIQUE
 - [72] HAYDEN, MICHAEL, IL
 - [72] GEVA, MICHAL, IL
 - [71] PRILENIA NEUROTHERAPEUTICS LTD., IL
 - [85] 2023-10-03
 - [86] 2022-04-14 (PCT/IL2022/050396)
 - [87] (WO2022/219637)
 - [30] US (63/174,573) 2021-04-14
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[21] 3,214,355
[13] A1

- [51] Int.Cl. C07K 16/28 (2006.01)
 - [25] EN
 - [54] ANTI-ADGRE2 ANTIBODIES AND USES THEREOF
 - [54] ANTICORPS ANTI-ADGRE2 ET LEURS UTILISATIONS
 - [72] BANERJEE, ANTARA, US
 - [72] HE, XINGYUE, US
 - [72] JENNINGS, SHAWN, US
 - [71] MILLENNIUM PHARMACEUTICALS, INC., US
 - [85] 2023-10-03
 - [86] 2022-04-25 (PCT/US2022/026161)
 - [87] (WO2022/232035)
 - [30] US (63/179,756) 2021-04-26
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[21] 3,214,356
[13] A1

- [51] Int.Cl. A61K 8/41 (2006.01)
 - [25] EN
 - [54] HAIR TREATMENT COMPOSITIONS WITH AMINE DERIVATIVES
 - [54] COMPOSITIONS DE TRAITEMENT CAPILLAIRE CONTENANT DES DERIVES D'AMINE
 - [72] ZHAI, XIUHONG, US
 - [72] NOWLAN (III), DANIEL THOMAS, US
 - [72] ZGURIS, JEANNA, US
 - [71] ELC MANAGEMENT LLC, US
 - [85] 2023-10-03
 - [86] 2022-03-30 (PCT/US2022/022687)
 - [87] (WO2022/212605)
 - [30] US (63/169,507) 2021-04-01
 - [30] US (17/656,998) 2022-03-29
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[21] 3,214,357
[13] A1

- [51] Int.Cl. G06Q 20/32 (2012.01) G06Q 20/34 (2012.01) G06Q 20/36 (2012.01) G06Q 20/40 (2012.01)
 - [25] EN
 - [54] ON-DEMAND APPLICATIONS TO EXTEND WEB SERVICES
 - [54] APPLICATIONS SUR DEMANDE POUR ETENDRE DES SERVICES WEB
 - [72] RULE, JEFFREY, US
 - [72] KOSHY, BOB UNI, US
 - [72] OSBORN, KEVIN, US
 - [71] CAPITAL ONE SERVICES, LLC, US
 - [85] 2023-10-03
 - [86] 2022-04-19 (PCT/US2022/025385)
 - [87] (WO2022/225959)
 - [30] US (17/235,082) 2021-04-20
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[21] 3,214,359
[13] A1

- [51] Int.Cl. C09D 123/08 (2006.01) D21H 19/38 (2006.01)
 - [25] EN
 - [54] AQUEOUS COATING COMPOSITION
 - [54] COMPOSITION DE REVETEMENT AQUEUSE
 - [72] MONNARD, FABIEN WILHELM, CH
 - [72] WEIHS, JAN PHILIPP, CH
 - [71] OMYA INTERNATIONAL AG, CH
 - [85] 2023-10-03
 - [86] 2022-06-01 (PCT/EP2022/064838)
 - [87] (WO2022/253868)
 - [30] EP (21177407.0) 2021-06-02
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[21] 3,214,361
[13] A1

- [51] Int.Cl. A01C 5/06 (2006.01) A01C 7/06 (2006.01) A01C 23/00 (2006.01) A01M 7/00 (2006.01) B05B 12/02 (2006.01) B05B 12/08 (2006.01)
- [25] EN
- [54] VALVE CONTROL SYSTEM AND METHOD
- [54] SYSTEME ET PROCEDE DE COMMANDE DE VANNE
- [72] KROSSCHELL, JUSTIN, US
- [72] WALTNER, DREW JOHN, US
- [72] BURGERS, TRAVIS, US
- [72] DEINES, JACOB, US
- [72] STEENSMA, SETH, US
- [71] RAVEN INDUSTRIES, INC., US
- [85] 2023-10-03
- [86] 2021-04-07 (PCT/US2021/026252)
- [87] (WO2022/216285)

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[21] 3,214,362

[13] A1

- [51] Int.Cl. C04B 35/565 (2006.01) C04B 35/573 (2006.01) C04B 35/63 (2006.01) C04B 35/65 (2006.01) F41H 5/04 (2006.01)
- [25] EN
- [54] COMPOSITE MOULDED BODY MADE OF A REACTION-BONDED MIXED CERAMIC INFILTRATED WITH SILICON
- [54] CORPS MOULE COMPOSITE CONSTITUE D'UNE CERAMIQUE MIXTE LIEE PAR REACTION INFILTREE AVEC DU SILICIUM
- [72] SCHNETTER, LARS, DE
- [72] GINGTER, PHILIPP, DE
- [72] MINAS-PAYAMYAR, CLARA, DE
- [72] HEINZ, FABIAN, DE
- [71] SCHUNK INGENIEURKERAMIK GMBH, DE
- [85] 2023-10-03
- [86] 2021-04-16 (PCT/EP2021/059908)
- [87] (WO2022/218540)

[21] 3,214,364

[13] A1

- [51] Int.Cl. C09D 123/08 (2006.01) D21H 19/38 (2006.01)
- [25] EN
- [54] AQUEOUS COATING COMPOSITION
- [54] COMPOSITION AQUEUSE DE REVETEMENT
- [72] MONNARD, FABIEN WILHELM, CH
- [72] WEIHS, JAN PHILIPP, CH
- [71] OMYA INTERNATIONAL AG, CH
- [85] 2023-10-03
- [86] 2022-06-01 (PCT/EP2022/064839)
- [87] (WO2022/253869)
- [30] EP (21177432.8) 2021-06-02

[21] 3,214,366

[13] A1

- [51] Int.Cl. H04L 1/00 (2006.01) H03M 13/00 (2006.01) H04L 1/18 (2023.01)
- [25] EN
- [54] METHOD OF SHIFTING REDUNDANCY VERSION FOR THE TRANSMISSION OF A TRANSPORT BLOCK OVER MULTIPLE SLOTS
- [54] PROCEDE DE CHANGEMENT DE VERSION DE REDONDANCE POUR LA TRANSMISSION D'UN BLOC DE TRANSPORT SUR DE MULTIPLES CRENEAUX
- [72] NHAN, NHAT-QUANG, FR
- [72] MASO, MARCO, FR
- [72] KINNUNEN, PASI EINO TAPIO, FI
- [72] RANTA-AHO, KARRI MARKUS, FI
- [72] MARCONE, ALESSIO, DE
- [71] NOKIA TECHNOLOGIES OY, FI
- [85] 2023-10-03
- [86] 2022-04-01 (PCT/EP2022/058749)
- [87] (WO2022/214398)
- [30] US (17/221,954) 2021-04-05

[21] 3,214,367

[13] A1

- [51] Int.Cl. C10G 1/10 (2006.01) C10G 9/36 (2006.01) C10G 65/12 (2006.01) C10G 69/06 (2006.01)
- [25] FR
- [54] INTEGRATED METHOD FOR PROCESSING PYROLYSIS OILS OF PLASTICS AND/OR SOLID RECOVERED FUELS LOADED WITH IMPURITIES
- [54] PROCEDE INTEGRE DE TRAITEMENT D'HUILES DE PYROLYSE DE PLASTIQUES ET/OU DE COMBUSTIBLES SOLIDES DE RECUPERATION CHARGEES EN IMPURETES
- [72] QUIGNARD, ALAIN, FR
- [72] WEISS, WILFRIED, FR
- [72] NGUYEN-HONG, DUC, FR
- [71] IFP ENERGIES NOUVELLES, FR
- [85] 2023-10-03
- [86] 2022-04-28 (PCT/EP2022/061286)
- [87] (WO2022/233687)
- [30] FR (2104873) 2021-05-07

[21] 3,214,368

[13] A1

- [51] Int.Cl. H02G 9/10 (2006.01) B65D 41/62 (2006.01) G01F 15/14 (2006.01) H02B 1/26 (2006.01) H02B 1/50 (2006.01)
- [25] EN
- [54] FOLDABLE AND/OR COLLAPSIBLE PLASTIC/COMPOSITE UTILITY ENCLOSURE
- [54] ENCEINTE UTILITAIRE EN MATIERE PLASTIQUE/MATERIAU COMPOSITE PLIABLE ET/OU PLIANTE
- [72] NOLEN, DUSTIN KYLE, US
- [72] THOMPSON, RAYMOND GEORGE, US
- [72] PILLAY, SELVUM, US
- [71] AFL TELECOMMUNICATIONS LLC, US
- [85] 2023-10-03
- [86] 2022-04-07 (PCT/US2022/023808)
- [87] (WO2022/216916)
- [30] US (17/224,155) 2021-04-07

[21] 3,214,369

[13] A1

- [51] Int.Cl. G05B 19/042 (2006.01)
- [25] EN
- [54] METHOD AND SYSTEM FOR COMMISSIONING AN HVAC SYSTEM
- [54] PROCEDE ET SYSTEME DE MISE EN SERVICE D'UN SYSTEME CVC
- [72] LOIDOL, LUKAS, CA
- [72] KURMUSH, SAMER, CA
- [72] PELLETIER, STEPHEN, US
- [71] VIESSMANN CLIMATE SOLUTIONS SE, DE
- [85] 2023-10-03
- [86] 2022-03-15 (PCT/EP2022/056676)
- [87] (WO2022/214276)
- [30] EP (21167453.6) 2021-04-08

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[21] 3,214,370
[13] A1

- [51] Int.Cl. F41A 1/00 (2006.01) G06Q 10/08 (2023.01)
 - [25] EN
 - [54] REAL-TIME STREAMING OF WEAPON USAGE INFORMATION ON DISCONNECTED NETWORKS
 - [54] DIFFUSION EN CONTINU EN TEMPS REEL D'INFORMATIONS D'UTILISATION D'ARME SUR DES RESEAUX DECONNECTES
 - [72] CANTY, MICHAEL JOHN, US
 - [72] BROADWAY, KYLE WILLIAM, US
 - [72] PEACHIN, ISAAC E., US
 - [72] ARUN, VIKAS, US
 - [72] LUCAS, JOE TRAN, US
 - [72] PELTON, MICHAEL DAVID, US
 - [72] SAHNI, KIRAN SINGH, US
 - [72] HAYNES, JOSHUA, US
 - [72] DENG, WILLIAM, US
 - [71] ARMAMENTS RESEARCH COMPANY, INC., US
 - [85] 2023-10-03
 - [86] 2022-04-01 (PCT/US2022/023027)
 - [87] (WO2022/212825)
 - [30] US (63/169,283) 2021-04-01
 - [30] US (63/216,037) 2021-06-29
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[21] 3,214,371
[13] A1

- [51] Int.Cl. C08K 3/22 (2006.01) C08K 3/26 (2006.01) C08K 5/10 (2006.01)
- [25] EN
- [54] PIGMENTABLE, NON-ASPHALT BASED, SEALANT COMPOSITION AND METHODS OF PRODUCTION AND USE
- [54] COMPOSITION D'AGENT DE SCELLEMENT PIGMENTABLE SANS ASPHALTE, ET PROCEDES DE PRODUCTION ET D'UTILISATION
- [72] DRBOHLAV III, JOSEPH, US
- [72] MAJESKA, BRIAN J., US
- [71] ADVENTUS MATERIAL STRATEGIES, LLC, US
- [85] 2023-10-03
- [86] 2022-03-30 (PCT/US2022/022487)
- [87] (WO2022/212461)
- [30] US (17/218,423) 2021-03-31

[21] 3,214,372
[13] A1

- [51] Int.Cl. A61M 39/10 (2006.01) A61M 39/12 (2006.01) A61M 39/24 (2006.01) A61M 39/26 (2006.01)
 - [25] EN
 - [54] NEEDLELESS CONNECTOR WITH COMPRESSIBLE AND DEFLECTABLE VALVE
 - [54] RACCORD SANS AIGUILLE DOTE D'UNE VALVE COMPRESSIBLE ET DEFORMABLE
 - [72] WINE, JASON ANDREW, US
 - [72] MANSOUR, GEORGE, US
 - [71] CAREFUSION 303, INC., US
 - [85] 2023-10-03
 - [86] 2022-04-27 (PCT/US2022/026577)
 - [87] (WO2022/235470)
 - [30] US (17/307,630) 2021-05-04
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[21] 3,214,373
[13] A1

- [51] Int.Cl. A01K 95/00 (2006.01)
- [25] EN
- [54] SINKER FOR UNDERWATER MOBILE BODY OR SINKER FOR FISHING TACKLE, AND ENTANGLEMENT PREVENTION STRUCTURE OF SINKER FOR UNDERWATER MOBILE BODY OR ENTANGLEMENT PREVENTION STRUCTURE OF SINKER FOR FISHING TACKLE
- [54] LEST POUR CORPS MOUVANT SUBAQUATIQUE OU LEST POUR ENGIN DE PECHE, ET MOYEN ANTI-ENCHEVETREMENT DE LEST POUR CORPS MOUVANT SUBAQUATIQUE OU MOYEN ANTI-ENCHEVETREMENT DE LEST POUR ENGIN DE PECHE
- [72] KOBAYASHI, YASUO, JP
- [71] KOBAYASHI, YASUO, JP
- [85] 2023-10-03
- [86] 2021-04-14 (PCT/JP2021/016108)
- [87] (WO2022/219826)

[21] 3,214,374
[13] A1

- [51] Int.Cl. B21D 3/10 (2006.01)
 - [25] EN
 - [54] METHOD FOR STRAIGHTENING BAR-SHAPED MATERIAL AND A STRAIGHTENING MACHINE
 - [54] PROCEDE PERMETTANT DE REDRESSER UN MATERIAU EN FORME DE TIGE ET MACHINE DE REDRESSAGE
 - [72] RATTUNDE, ULRICH, DE
 - [71] RATTUNDE AG, DE
 - [85] 2023-10-03
 - [86] 2022-12-08 (PCT/EP2022/084967)
 - [87] (WO2023/131465)
 - [30] DE (10 2022 100 183.0) 2022-01-05
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[21] 3,214,376
[13] A1

- [51] Int.Cl. B23D 47/00 (2006.01) B23Q 11/00 (2006.01) B25F 5/00 (2006.01) B23D 45/12 (2006.01) F16F 15/167 (2006.01)
 - [25] EN
 - [54] PIPE SAW HAVING TORSIONAL VIBRATION DAMPING MEANS
 - [54] MACHINE A SCIER LES TUYAUX AVEC AMORTISSEMENT DES VIBRATIONS DE TORSION
 - [72] RATTUNDE, ULRICH, DE
 - [71] RATTUNDE AG, DE
 - [85] 2023-10-03
 - [86] 2023-01-10 (PCT/EP2023/050384)
 - [87] (WO2023/135108)
 - [30] DE (20 2022 100 236.3) 2022-01-17
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[21] 3,214,377
[13] A1

- [51] Int.Cl. B22F 10/20 (2021.01) B29C 64/329 (2017.01) B22F 12/52 (2021.01) B65D 90/54 (2006.01) G01F 11/28 (2006.01) G01F 11/46 (2006.01) B29C 64/153 (2017.01) B65D 88/26 (2006.01)
- [25] EN
- [54] IMPROVEMENTS IN OR RELATING TO POWDER HANDLING
- [54] AMELIORATIONS DANS LA MANIPULATION DE POUDRE OU RELATIVES A CELLE-CI
- [72] HEALEY, CALLUM, GB
- [71] LPW TECHNOLOGY LTD, GB
- [85] 2023-10-03
- [86] 2022-04-05 (PCT/GB2022/050845)
- [87] (WO2022/214797)
- [30] GB (2104882.2) 2021-04-06

Demandes PCT entrant en phase nationale

<p>[21] 3,214,378 [13] A1</p> <p>[51] Int.Cl. B64C 39/02 (2023.01)</p> <p>[25] EN</p> <p>[54] DRONE HAVING A FASTENING DEVICE FOR A ROPE AND METHOD FOR SUSPENDING A ROPE FROM AN OBJECT</p> <p>[54] DRONE EQUIPÉ D'UN DISPOSITIF DE FIXATION POUR UNE CORDE ET PROCEDE DE SUSPENSION D'UNE CORDE A PARTIR D'UN OBJET</p> <p>[72] EIDE, JO MORTEN, NO</p> <p>[72] VANGEN, KNUT, NO</p> <p>[72] FJELDE, STIAN, NO</p> <p>[72] STEINSLAND, HANS EINAR, NO</p> <p>[71] COMROD AS, NO</p> <p>[85] 2023-10-03</p> <p>[86] 2022-03-14 (PCT/NO2022/050065)</p> <p>[87] (WO2022/220689)</p> <p>[30] NO (20210476) 2021-04-13</p>

<p>[21] 3,214,379 [13] A1</p> <p>[51] Int.Cl. A61P 17/04 (2006.01) C07K 16/24 (2006.01) C07K 16/28 (2006.01) C12Q 1/68 (2018.01)</p> <p>[25] EN</p> <p>[54] TREATMENTS FOR PRURIGO NODULARIS</p> <p>[54] TRAITEMENTS CONTRE LE PRURIGO NODULAIRE</p> <p>[72] JULIA, VALERIE, FR</p> <p>[72] KRISHNASWAMY, JAYENDRA KUMAR, FR</p> <p>[72] PIKETTY, CHRISTOPHE, FR</p> <p>[72] ROUSSEAU, FRANCOIS, FR</p> <p>[71] GALDERMA HOLDING SA, CH</p> <p>[71] CHUGAI SEIYAKU KABUSHIKI-KAISHA, JP</p> <p>[85] 2023-10-03</p> <p>[86] 2022-04-07 (PCT/IB2022/053250)</p> <p>[87] (WO2022/215017)</p> <p>[30] US (63/172,020) 2021-04-07</p> <p>[30] US (63/323,409) 2022-03-24</p>
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<p>[21] 3,214,380 [13] A1</p> <p>[51] Int.Cl. C25B 1/26 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD AND SYSTEM FOR WASTEWATER TREATMENT WITH IN-SITU CLEANING OF ELECTRODES</p> <p>[54] PROCEDE ET SYSTEME DE TRAITEMENT DES EAUX USEES AVEC NETTOYAGE IN SITU D'ELECTRODES</p> <p>[72] LEUNG, VICTOR KA LUN, CA</p> <p>[71] AXINE WATER TECHNOLOGIES INC., CA</p> <p>[85] 2023-10-03</p> <p>[86] 2022-04-19 (PCT/US2022/025318)</p> <p>[87] (WO2022/225908)</p> <p>[30] US (63/177,274) 2021-04-20</p>
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<p>[21] 3,214,381 [13] A1</p> <p>[51] Int.Cl. A61K 45/06 (2006.01) A61P 1/16 (2006.01)</p> <p>[25] EN</p> <p>[54] STERILE AQUEOUS CHOLINE SALT COMPOSITIONS</p> <p>[54] COMPOSITIONS AQUEUSES STERILES DE SELS DE CHOLINE</p> <p>[72] REARDAN, DAYTON, US</p> <p>[72] ZUMMO, JACQUELINE, US</p> <p>[71] PROTARA THERAPEUTICS, INC., US</p> <p>[85] 2023-10-03</p> <p>[86] 2022-04-28 (PCT/US2022/026693)</p> <p>[87] (WO2022/232371)</p> <p>[30] US (63/181,858) 2021-04-29</p> <p>[30] US (17/246,438) 2021-04-30</p> <p>[30] US (17/672,549) 2022-02-15</p>
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<p>[21] 3,214,383 [13] A1</p> <p>[25] EN</p> <p>[54] LENTIVIRAL VECTOR, LENTIVIRAL PARTICLE FOR TREATING HEPATITIS B AND ITS PREPARATION METHOD AND APPLICATION THEREOF</p> <p>[54] VECTEUR LENTIVIRAL, PARTICULE LENTIVIRALE POUR LE TRAITEMENT DE L'HEPATITE B ET SON PROCEDE DE PREPARATION ET SON APPLICATION</p> <p>[72] CHARNEAU, PIERRE ALAIN, FR</p> <p>[72] BOURGINE, MARYLINE, FR</p> <p>[72] QIU, CHAO, CN</p> <p>[72] TIAN, YE, FR</p> <p>[72] VESIN, BENJAMIN, FR</p> <p>[71] THERAVECTYS, FR</p> <p>[71] SHANGHAI JINWEI BIOTECHNOLOGY CO., LTD., CN</p> <p>[71] INSTITUT PASTEUR, FR</p> <p>[85] 2023-10-03</p> <p>[86] 2022-04-07 (PCT/EP2022/059281)</p> <p>[87] (WO2022/214599)</p> <p>[30] CN (202110374234.2) 2021-04-07</p>

<p>[21] 3,214,384 [13] A1</p> <p>[51] Int.Cl. B01D 1/14 (2006.01)</p> <p>[25] EN</p> <p>[54] ATOMIZER FOR USE IN WATER TREATMENT AND METHOD FOR ITS USE</p> <p>[54] ATOMISEUR DESTINE A ETRE UTILISE DANS LE TRAITEMENT DE L'EAU ET SON PROCEDE D'UTILISATION</p> <p>[72] ROCK, KELLY, US</p> <p>[71] MICRONIC TECHNOLOGIES, INC., US</p> <p>[85] 2023-10-03</p> <p>[86] 2022-04-28 (PCT/US2022/021535)</p> <p>[87] (WO2023/043487)</p> <p>[30] US (17/220,371) 2021-04-01</p>

PCT Applications Entering the National Phase

<p>[21] 3,214,385 [13] A1</p> <p>[51] Int.Cl. G06N 20/00 (2019.01) G06N 3/08 (2023.01)</p> <p>[25] EN</p> <p>[54] DATA PIPELINE AND ACCESS ACROSS MULTIPLE MACHINE LEARNED MODELS</p> <p>[54] PIPELINE DE DONNEES ET ACCES A DE MULTIPLES MODELES APPRIS PAR MACHINE</p> <p>[72] CHANDRASEKARAN, ARULKUMARAN, US</p> <p>[72] SATHIANATHAN, BRAINERD, US</p> <p>[71] ITERATE STUDIO, INC., US</p> <p>[85] 2023-10-03</p> <p>[86] 2022-06-10 (PCT/US2022/033075)</p> <p>[87] (WO2022/261477)</p> <p>[30] US (63/209,696) 2021-06-11</p>

<p>[21] 3,214,386 [13] A1</p> <p>[51] Int.Cl. B29C 70/84 (2006.01) H02K 1/2726 (2022.01) H02K 1/2733 (2022.01) H02K 1/2789 (2022.01) B29C 70/56 (2006.01)</p> <p>[25] EN</p> <p>[54] PROCESS FOR APPLYING FIBER-REINFORCED PLASTIC SLEEVES</p> <p>[54] PROCEDE D'APPLICATION DE MANCHONS EN PLASTIQUE RENFORCE PAR DES FIBRES</p> <p>[72] FUNCK, RALPH, DE</p> <p>[72] JUNG, JENS, DE</p> <p>[72] WELSCH, MARTIN, DE</p> <p>[71] ALBANY ENGINEERED COMPOSITES, INC., US</p> <p>[85] 2023-10-03</p> <p>[86] 2022-04-19 (PCT/US2022/025430)</p> <p>[87] (WO2022/225990)</p> <p>[30] US (63/178,781) 2021-04-23</p>
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<p>[21] 3,214,387 [13] A1</p> <p>[25] FR</p> <p>[54] VIEWING CONE, DEVICE AND METHOD FOR DETECTING THE MOVEMENTS OF THE EYES OF A PATIENT</p> <p>[54] CONE DE VISION, DISPOSITIF ET METHODE DE DETECTION DES MOUVEMENTS DES YEUX D'UN PATIENT</p> <p>[72] DAYE, PIERRE MARTIN JACK GERARD, BE</p> <p>[72] POUPPEZ DE KETTENIS DE HOLLAEKEN, ANTOINE HUBERT HENRI PAUL MARIE, BE</p> <p>[71] P³LAB, BE</p> <p>[85] 2023-10-03</p> <p>[86] 2022-04-07 (PCT/EP2022/059299)</p> <p>[87] (WO2022/214609)</p> <p>[30] BE (BE2021/5272) 2021-04-08</p>
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<p>[21] 3,214,388 [13] A1</p> <p>[51] Int.Cl. A24F 40/42 (2020.01)</p> <p>[25] EN</p> <p>[54] VAPOR CARTRIDGE</p> <p>[54] CARTOUCHE A VAPEUR</p> <p>[72] WANG, LIJUAN, CN</p> <p>[72] WANG, LIPING, CN</p> <p>[72] SHEN, DING, CN</p> <p>[72] ZHOU, XINGFU, CN</p> <p>[71] MICROPOROUS TECHNOLOGY (NINGBO) LTD., CN</p> <p>[85] 2023-10-03</p> <p>[86] 2021-11-18 (PCT/CN2021/131576)</p> <p>[87] (WO2022/222454)</p> <p>[30] CN (202110415965.7) 2021-04-19</p>
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<p>[21] 3,214,389 [13] A1</p> <p>[51] Int.Cl. B65H 45/101 (2006.01) B26D 1/08 (2006.01) B65H 31/10 (2006.01)</p> <p>[25] EN</p> <p>[54] A SYSTEM AND A METHOD FOR STACKING A FANFOLDED CONTINUOUS WEB OF SHEET MATERIAL</p> <p>[54] SYSTEME ET PROCEDE D'EMPILEMENT D'UNE BANDE CONTINUE PLIEE EN ACCORDEON DE MATERIAU EN FEUILLE</p> <p>[72] CAPOIA, GIUSEPPE, IT</p> <p>[71] INTERNATIONAL BOXES S.R.L., IT</p> <p>[85] 2023-10-03</p> <p>[86] 2022-05-19 (PCT/IB2022/054672)</p> <p>[87] (WO2022/243924)</p> <p>[30] IT (102021000012929) 2021-05-19</p>
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<p>[21] 3,214,390 [13] A1</p> <p>[25] EN</p> <p>[54] COMPRESSED HYDROGEN AND AIR POWER SYSTEM</p> <p>[54] SYSTEME D'ALIMENTATION EN HYDROGNE ET EN AIR COMPRIMES</p> <p>[72] BILAK, ROMAN A., CA</p> <p>[72] DUSSEAULT, MAURICE B., CA</p> <p>[71] CLEANTECH GEOMECHANICS INC., CA</p> <p>[85] 2023-10-03</p> <p>[86] 2022-04-19 (PCT/CA2022/050596)</p> <p>[87] (WO2022/221943)</p> <p>[30] US (63/176,868) 2021-04-19</p>

<p>[21] 3,214,391 [13] A1</p> <p>[51] Int.Cl. G16B 30/20 (2019.01) C12Q 1/6869 (2018.01) C12Q 1/6886 (2018.01)</p> <p>[25] EN</p> <p>[54] CELL-FREE DNA SEQUENCE DATA ANALYSIS METHOD TO EXAMINE NUCLEOSOME PROTECTION AND CHROMATIN ACCESSIBILITY</p> <p>[54] PROCEDE D'ANALYSE DE DONNEES DE SEQUENCE D'ADN ACELLULAIRE POUR EXAMINER LA PROTECTION DU NUCLEOSOME ET L'ACCESSIBILITE DE LA CHROMATINE</p> <p>[72] HA, GAVIN, US</p> <p>[72] MACPHERSON, DAVID, US</p> <p>[72] NELSON, PETER S., US</p> <p>[72] DOEBLEY, ANNA-LISA, US</p> <p>[72] HIATT, JOSEPH B., US</p> <p>[72] DE SARKAR, NAVONIL, US</p> <p>[72] PATTON, ROBERT, US</p> <p>[71] FRED HUTCHINSON CANCER CENTER, US</p> <p>[85] 2023-10-03</p> <p>[86] 2022-04-08 (PCT/US2022/024082)</p> <p>[87] (WO2022/217096)</p> <p>[30] US (63/172,590) 2021-04-08</p> <p>[30] US (63/276,378) 2021-11-05</p>
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Demandes PCT entrant en phase nationale

[21] **3,214,392**

[13] A1

[51] Int.Cl. H05K 5/02 (2006.01) H05K
7/20 (2006.01)

[25] EN

[54] LIQUID COOLED ELECTRONIC
DEVICE
[54] DISPOSITIF ELECTRONIQUE
REFROIDI PAR LIQUIDE

[72] LIU, FANGYU, CN

[72] WU, YUEFENG, CN

[72] GAO, YANG, CN

[72] CHEN, QIAN, CN

[72] NING, HONGYAN, CN

[71] SHENZHEN MICROBT
ELECTRONICS TECHNOLOGY CO.,
LTD., CN

[85] 2023-10-03

[86] 2022-05-16 (PCT/CN2022/092991)

[87] (WO2022/242587)

[30] CN (202121069364.7) 2021-05-18

[21] **3,214,393**

[13] A1

[51] Int.Cl. H01Q 1/28 (2006.01) H01Q
5/40 (2015.01) H01Q 11/10 (2006.01)

[25] EN

[54] DEPLOYABLE ANTENNA
SYSTEM

[54] SYSTEME D'ANTENNE
DEPLOYABLE

[72] RUHL, LYN ERIC, US

[72] DARNELL, ASA, US

[72] BAILEY, MARK, US

[71] M.M.A. DESIGN, LLC, US

[85] 2023-10-03

[86] 2022-04-22 (PCT/US2022/026029)

[87] (WO2022/226362)

[30] US (63/179,003) 2021-04-23

[21] **3,214,394**

[13] A1

[51] Int.Cl. C07K 14/245 (2006.01) A61K
35/741 (2015.01) C07K 14/485
(2006.01)

[25] EN

[54] BACTERIA ENGINEERED TO
SECRETE ACTIVE PROTEINS

[54] BACTERIES MODIFIEES POUR
SECETER DES PROTEINES
ACTIVES

[72] KALANTARI, AIDA, US

[72] KENNY, DOUGLAS JAMES, US

[72] REEVES, ANALISE
ZAUNBRECHER, US

[72] JAMES, MICHAEL, US

[72] CHARBONNEAU, MARK, US

[71] SYNLOGIC OPERATING
COMPANY, INC., US

[85] 2023-10-03

[86] 2022-04-12 (PCT/US2022/024412)

[87] (WO2022/221273)

[30] US (63/174,349) 2021-04-13

[30] US (63/210,903) 2021-06-15

[21] **3,214,396**

[13] A1

[51] Int.Cl. H01M 8/0289 (2016.01) H01M
8/04186 (2016.01)

[25] EN

[54] FLOW CELL
DECONTAMINATION

[54] DECONTAMINATION DE CUVE
DE CIRCULATION

[72] STREET, AARON MANNINGTON,
US

[72] TARRANT, DEREK C., US

[71] VIZN ENERGY SYSTEMS, INC., US

[85] 2023-10-03

[86] 2022-04-06 (PCT/US2022/023606)

[87] (WO2022/216783)

[30] US (17/223,931) 2021-04-06

[21] **3,214,397**

[13] A1

[51] Int.Cl. C07D 277/22 (2006.01) C07C
237/20 (2006.01) C07C 237/30
(2006.01) C07D 213/24 (2006.01)
C07D 239/26 (2006.01) C07D 307/38
(2006.01) C07D 333/06 (2006.01)

[25] EN

[54] OPIOID RECEPTOR
MODULATORS

[54] MODULATEURS DES
RECEPTEURS OPIACES

[72] MEDINA, JULIO CESAR, US

[72] NERURKAR, ALOK, US

[72] SADLOWSKI, CORINNE, US

[72] SEIDL, FREDERICK, US

[72] CHENG, HENG, US

[72] DUQUETTE, JASON, US

[72] LEE, JOHN, US

[72] HOLAN, MARTIN, US

[72] DING, PINGYU, US

[72] WANG, XIAODONG, US

[72] WIDJAJA, TIEN, US

[72] NGUYEN, THOMAS, US

[72] BHATT, ULHAS, US

[72] LI, YIHONG, US

[72] WEI, ZHI-LIANG, US

[71] EPIODYNE, INC., US

[85] 2023-10-03

[86] 2022-04-05 (PCT/US2022/023546)

[87] (WO2022/216750)

[30] US (63/171,008) 2021-04-05

[30] US (63/318,486) 2022-03-10

PCT Applications Entering the National Phase

[21] 3,214,398
[13] A1

- [51] Int.Cl. B01D 1/30 (2006.01) C07C 273/04 (2006.01) C07C 273/16 (2006.01)
 - [25] EN
 - [54] IMPROVEMENTS TO EQUIPMENT OF UREA PLANTS
 - [54] AMELIORATIONS APPORTEES A UN EQUIPEMENT DES INSTALLATIONS D'UREE
 - [72] BERETTI, ANDREA, IT
 - [72] VERNIER, MADDALENA, IT
 - [72] LANZANI, RICCARDO, IT
 - [72] BERTINI, PAOLO, CH
 - [71] CASALE S.A., CH
 - [85] 2023-10-03
 - [86] 2022-04-26 (PCT/EP2022/060995)
 - [87] (WO2022/229148)
 - [30] EP (21170937.3) 2021-04-28
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[21] 3,214,399
[13] A1

- [51] Int.Cl. A61K 31/4433 (2006.01) C07D 213/79 (2006.01) C07D 405/02 (2006.01) C07D 405/06 (2006.01)
- [25] EN
- [54] TREATMENT OF CANCER WITH KDM4 INHIBITORS
- [54] TRAITEMENT DU CANCER PAR DES INHIBITEURS DE KDM4
- [72] PERABO, FRANK, US
- [72] STAFFORD, JEFFREY A., US
- [72] CLARKE, MICHAEL, US
- [72] CHEN, YOUNG K., US
- [71] TACHYON THERAPEUTICS, INC., US
- [71] CELGENE CORPORATION, US
- [85] 2023-10-03
- [86] 2022-04-08 (PCT/US2022/024087)
- [87] (WO2022/217100)
- [30] US (63/173,219) 2021-04-09
- [30] US (63/252,542) 2021-10-05
- [30] US (63/297,960) 2022-01-10

[21] 3,214,400
[13] A1

- [51] Int.Cl. C07D 403/12 (2006.01) A61K 31/506 (2006.01) A61K 31/5377 (2006.01) A61K 31/551 (2006.01) A61K 31/553 (2006.01) A61P 25/00 (2006.01) C07D 401/12 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01) C07D 491/107 (2006.01)
 - [25] EN
 - [54] NEW (HOMO)PIPERIDINYL HETEROCYCLES AS SIGMA LIGANDS
 - [54] NOUVEAUX (HOMO) PIPERIDINYL HETEROCYCLES UTILISES EN TANT QUE LIGANDS SIGMA
 - [72] DIAZ-FERNANDEZ, JOSE LUIS, ES
 - [72] ALMANSA-ROSALES, CARMEN, ES
 - [72] CHRISTMANN, UTE, ES
 - [71] ACONDICIONAMIENTO TARRASENSE, ES
 - [85] 2023-10-03
 - [86] 2022-04-06 (PCT/EP2022/059085)
 - [87] (WO2022/214531)
 - [30] EP (21382291.9) 2021-04-07
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[21] 3,214,401
[13] A1

- [51] Int.Cl. H04W 72/12 (2023.01) H04W 72/04 (2023.01)
- [25] EN
- [54] TERMINAL, BASE STATION, AND COMMUNICATION METHOD
- [54] TERMINAL, STATION DE BASE ET PROCEDE DE COMMUNICATION
- [72] YAMAMOTO, TETSUYA, JP
- [72] SUZUKI, HIDETOSHI, XX
- [72] OGAWA, YOSHIHIKO, XX
- [71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
- [85] 2023-10-03
- [86] 2022-03-02 (PCT/JP2022/008727)
- [87] (WO2022/215390)
- [30] JP (2021-064901) 2021-04-06

[21] 3,214,414
[13] A1

- [51] Int.Cl. C07C 7/05 (2006.01)
 - [25] FR
 - [54] METHOD FOR SEPARATING ALL OR SOME OF THE COMPOUNDS FROM A BIOGAS IN THE LIQUID STATE OR IN THE TWO-PHASE STATE
 - [54] PROCEDE DE SEPARATION DE TOUT OU PARTIE DES COMPOSES D'UN BIOGAZ A L'ETAT LIQUIDE OU A L'ETAT DIPHASICUE
 - [72] NAIT SAIDI, CHOIROUK, FR
 - [72] RIVERA TINOCO, RODRIGO, NL
 - [71] SUBLIME ENERGIE, FR
 - [85] 2023-10-04
 - [86] 2022-09-30 (PCT/EP2022/077360)
 - [87] (WO2023/052624)
 - [30] FR (FR2110431) 2021-10-01
 - [30] FR (FR2111835) 2021-11-08
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[21] 3,214,425
[13] A1

- [51] Int.Cl. E21B 21/06 (2006.01) B01D 21/08 (2006.01)
- [25] EN
- [54] DEVICE AND METHOD FOR CLEANING WATER ACCRUING FROM DRILLING IN THE GROUND
- [54] DISPOSITIF ET PROCEDE DE NETTOYAGE D'EAU PROVENANT DU FORAGE DANS LE SOL
- [72] OJANNE, MIKKO, SE
- [72] PUOLITAIVAL, HANNU MIKAEL, FI
- [71] ROTOTEC AB, SE
- [85] 2023-10-04
- [86] 2022-04-28 (PCT/SE2022/050415)
- [87] (WO2022/231508)
- [30] SE (2150554-0) 2021-04-30

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<p style="text-align: right;">[21] 3,214,429 [13] A1</p> <p>[51] Int.Cl. E21B 21/06 (2006.01) B01D 21/08 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD AND DEVICE FOR CLEANING WATER ACCRUING FROM DRILLING IN THE GROUND</p> <p>[54] PROCEDE ET DISPOSITIF DE NETTOYAGE DE L'EAU PROVENANT DE FORAGE DANS LE SOL</p> <p>[72] OJANNE, MIKKO, SE</p> <p>[72] PUOLITAIVAL, HANNU MIKAEL, FI</p> <p>[71] ROTOTEC AB, SE</p> <p>[85] 2023-10-04</p> <p>[86] 2022-04-28 (PCT/SE2022/050414)</p> <p>[87] (WO2022/231507)</p> <p>[30] SE (2150553-2) 2021-04-30</p>	<p style="text-align: right;">[21] 3,214,442 [13] A1</p> <p>[51] Int.Cl. A61M 39/10 (2006.01) A61M 39/22 (2006.01) A61M 39/26 (2006.01)</p> <p>[25] EN</p> <p>[54] FLUID MANIFOLD ARRAY</p> <p>[54] RESEAU DE COLLECTEUR DE FLUIDE</p> <p>[72] UNDERWOOD, WESLEY, US</p> <p>[72] MANSOUR, GEORGE, US</p> <p>[71] CAREFUSION 303, INC., US</p> <p>[85] 2023-10-04</p> <p>[86] 2022-03-29 (PCT/US2022/022386)</p> <p>[87] (WO2022/216480)</p> <p>[30] US (63/171,337) 2021-04-06</p>	<p style="text-align: right;">[21] 3,214,453 [13] A1</p> <p>[51] Int.Cl. A61M 39/22 (2006.01)</p> <p>[25] EN</p> <p>[54] INTRAVENOUS FILTER WITH PRIMING FUNCTION</p> <p>[54] FILTRE INTRAVEINEUX A FONCTION D'AMORCAGE</p> <p>[72] YAMIN, LEYLA, US</p> <p>[72] HON, KELLY KLOSTER, US</p> <p>[71] CAREFUSION 303, INC., US</p> <p>[85] 2023-10-04</p> <p>[86] 2022-03-29 (PCT/US2022/022383)</p> <p>[87] (WO2022/216478)</p> <p>[30] US (17/223,938) 2021-04-06</p>
<p style="text-align: right;">[21] 3,214,436 [13] A1</p> <p>[51] Int.Cl. H01F 1/147 (2006.01) H02K 1/02 (2006.01)</p> <p>[25] EN</p> <p>[54] ELECTRICAL STEEL SHEET AND BONDED AND STACKED CORE MANUFACTURING METHOD</p> <p>[54] TOLE D'ACIER MAGNETIQUE ET PROCEDE DE PRODUCTION DE NOYAU FEUILLETE PAR ADHESIF</p> <p>[72] TAKEDA, KAZUTOSHI, JP</p> <p>[72] TAKATANI, SHINSUKE, JP</p> <p>[72] HIRAYAMA, RYU, JP</p> <p>[72] FUKUCHI, MINAKO, JP</p> <p>[72] IWASE, YOSHIKI, JP</p> <p>[72] NIWA, MAKOTO, JP</p> <p>[72] HIRAKAWA, MAKOTO, JP</p> <p>[71] NIPPON STEEL CORPORATION, JP</p> <p>[85] 2023-10-04</p> <p>[86] 2022-04-13 (PCT/JP2022/017693)</p> <p>[87] (WO2022/220262)</p> <p>[30] JP (2021-068106) 2021-04-14</p>	<p style="text-align: right;">[21] 3,214,443 [13] A1</p> <p>[25] EN</p> <p>[54] BONDED AND STACKED CORE MANUFACTURING METHOD AND BONDED AND STACKED CORE MANUFACTURING APPARATUS</p> <p>[54] PROCEDE DE FABRICATION DE NOYAU STRATIFIE LIE ET DISPOSITIF DE FABRICATION DE NOYAU STRATIFIE LIE</p> <p>[72] TAKEDA, KAZUTOSHI, JP</p> <p>[72] TAKATANI, SHINSUKE, JP</p> <p>[72] HIRAYAMA, RYU, JP</p> <p>[72] FUKUCHI, MINAKO, JP</p> <p>[72] IWASE, YOSHIKI, JP</p> <p>[72] NIWA, MAKOTO, JP</p> <p>[72] HIRAKAWA, MAKOTO, JP</p> <p>[71] NIPPON STEEL CORPORATION, JP</p> <p>[85] 2023-10-04</p> <p>[86] 2022-04-13 (PCT/JP2022/017706)</p> <p>[87] (WO2022/220264)</p> <p>[30] JP (2021-068108) 2021-04-14</p>	<p style="text-align: right;">[21] 3,214,457 [13] A1</p> <p>[51] Int.Cl. A62C 31/28 (2006.01) B05B 15/65 (2018.01) A62C 35/68 (2006.01)</p> <p>[25] EN</p> <p>[54] FITTING AND GASKET</p> <p>[54] RACCORD ET JOINT</p> <p>[72] BARBOUR, NICHOLAS, US</p> <p>[72] MADARA, SCOTT D., US</p> <p>[72] BOWMAN, MATTHEW A., US</p> <p>[71] VICTAULIC COMPANY, US</p> <p>[85] 2023-10-04</p> <p>[86] 2022-03-28 (PCT/US2022/022154)</p> <p>[87] (WO2022/216471)</p> <p>[30] US (63/171,103) 2021-04-06</p>
<p style="text-align: right;">[21] 3,214,436 [13] A1</p> <p>[51] Int.Cl. H01F 1/147 (2006.01) H02K 1/02 (2006.01)</p> <p>[25] EN</p> <p>[54] ELECTRICAL STEEL SHEET AND BONDED AND STACKED CORE MANUFACTURING METHOD</p> <p>[54] TOLE D'ACIER MAGNETIQUE ET PROCEDE DE PRODUCTION DE NOYAU FEUILLETE PAR ADHESIF</p> <p>[72] TAKEDA, KAZUTOSHI, JP</p> <p>[72] TAKATANI, SHINSUKE, JP</p> <p>[72] HIRAYAMA, RYU, JP</p> <p>[72] FUKUCHI, MINAKO, JP</p> <p>[72] IWASE, YOSHIKI, JP</p> <p>[72] NIWA, MAKOTO, JP</p> <p>[72] HIRAKAWA, MAKOTO, JP</p> <p>[71] NIPPON STEEL CORPORATION, JP</p> <p>[85] 2023-10-04</p> <p>[86] 2022-04-13 (PCT/JP2022/017693)</p> <p>[87] (WO2022/220262)</p> <p>[30] JP (2021-068106) 2021-04-14</p>	<p style="text-align: right;">[21] 3,214,449 [13] A1</p> <p>[51] Int.Cl. B60N 2/427 (2006.01) B64D 11/06 (2006.01) B64D 25/04 (2006.01)</p> <p>[25] EN</p> <p>[54] VEHICLE SEAT HAVING A BACKREST EQUIPPED WITH SHOCK ABSORBING MEANS</p> <p>[54] SIEGE POUR VEHICULE AVEC DOSSIER EQUIPE DE MOYENS D'AMORTISSEMENT DE CHOC</p> <p>[72] SAADA, BENJAMIN, FR</p> <p>[72] CHEVRIER, THOMAS, FR</p> <p>[71] EXPLISEAT, FR</p> <p>[85] 2023-10-04</p> <p>[86] 2022-04-26 (PCT/FR2022/050788)</p> <p>[87] (WO2022/234213)</p> <p>[30] FR (FR2104618) 2021-05-03</p>	<p style="text-align: right;">[21] 3,214,458 [13] A1</p> <p>[51] Int.Cl. B03D 1/012 (2006.01) B03D 1/016 (2006.01) B03D 1/02 (2006.01)</p> <p>[25] EN</p> <p>[54] IMPROVED FLOTATION AND SOLID-LIQUID SEPARATION OF TAILINGS</p> <p>[54] FLOTATION ET SEPARATION SOLIDE-LIQUIDE DE RESIDUS AMELIOREES</p> <p>[72] KUJAWA, CHRISTIAN, US</p> <p>[72] FLORMAN, WILLIAM R., US</p> <p>[72] PAINTER, PAUL C., US</p> <p>[71] EXTRAKT PROCESS SOLUTIONS, LLC, US</p> <p>[85] 2023-10-04</p> <p>[86] 2022-04-29 (PCT/US2022/026878)</p> <p>[87] (WO2022/232472)</p> <p>[30] US (63/182,305) 2021-04-30</p>

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- [54] IV SET COMPONENT WITH PRIMING FUNCTION
- [54] COMPOSANT D'ENSEMBLE INTRAVEINEUX DOTE D'UNE FONCTION D'AMORCAGE
- [72] YAMIN, LEYLA, US
- [72] HON, KELLY KLOSTER, US
- [71] CAREFUSION 303, INC., US
- [85] 2023-10-04
- [86] 2022-03-29 (PCT/US2022/022385)
- [87] (WO2022/216479)
- [30] US (17/223,729) 2021-04-06

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- [25] EN
- [54] PROTECTIVE MEMBRANE FOR MEDICAL LUER CONNECTORS
- [54] MEMBRANE DE PROTECTION POUR CONNECTEURS LUER MEDICAUX
- [72] UNDERWOOD, WESLEY, US
- [72] WINE, JASON ANDREW, US
- [71] CAREFUSION 303, INC., US
- [85] 2023-10-04
- [86] 2022-03-29 (PCT/US2022/022388)
- [87] (WO2022/216481)
- [30] US (17/224,975) 2021-04-07

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- [25] EN
- [54] MINERAL SEPARATION PROCESS
- [54] PROCEDE DE SEPARATION DE MINERAUX
- [72] SMITH, RODERICK, GB
- [71] RESEARCH BY BRITISH LITHIUM LIMITED, GB
- [85] 2023-10-04
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- [54] ATTENUATOR FOR NOISE GENERATED BY A CENTRIFUGAL PUMP
- [54] ATTENUATEUR DU BRUIT GENERE PAR UNE POMPE CENTRIFUGE
- [72] GUERRY, PASCAL, FR
- [71] TALLANO TECHNOLOGIES, FR
- [71] AKWEL, FR
- [85] 2023-10-04
- [86] 2022-04-05 (PCT/EP2022/059032)
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- [25] EN
- [54] DEUTERATED ETORICOXIB, METHODS OF MANUFACTURE, AND USE THEREOF
- [54] ETORICOXIB DEUTERE, SES PROCEDES DE FABRICATION ET SES METHODES D'UTILISATION
- [72] SIPPY, BRADFORD C., US
- [71] TREMEAU PHARMACEUTICALS, INC., US
- [85] 2023-10-04
- [86] 2022-04-07 (PCT/US2022/023900)
- [87] (WO2022/216975)
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- [54] METHOD OF CULTIVATING PLANTS AND SYSTEM THEREFOR
- [54] PROCEDE DE CULTURE DE PLANTES ET SYSTEME ASSOCIE
- [72] KAMP, PETRUS GERARDUS HENDRIKUS, NL
- [71] PRIVA HOLDING B.V., NL
- [85] 2023-10-04
- [86] 2022-04-06 (PCT/NL2022/050190)
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- [25] EN
- [54] RADIOISOTOPE PRODUCTION TARGET FOR LOW MELTING POINT MATERIALS
- [54] CIBLE DE PRODUCTION DE RADIO-ISOTOPES POUR MATERIAUX A BAS POINT DE FUSION
- [72] GELBART, WILLIAM, CA
- [71] BEST THERATRONICS LTD., CA
- [85] 2023-10-04
- [86] 2022-04-06 (PCT/CA2022/050518)
- [87] (WO2022/213189)
- [30] US (63/171,479) 2021-04-06

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- [51] Int.Cl. D04B 1/12 (2006.01)
- [25] EN
- [54] FABRIC WITH FLUID ABSORPTION CAPABILITIES
- [54] TISSU AYANT DES CAPACITES D'ABSORPTION DE FLUIDE
- [72] DASSANAYAKE, SITHILA AYOMI, LK
- [72] RATNAWEERA, DILRU ROSHAN, LK
- [72] PERERA, HETTI ARACHCHIGE MALAKA CHATHU, LK
- [72] DODANGODAGE, INDIKA SANJEEWA WICKRAMARATNE, LK
- [71] MAS INNOVATION (PRIVATE) LIMITED, LK
- [85] 2023-10-04
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 - [25] EN
 - [54] KNIFE ASSEMBLIES OF SLICING MACHINES, METHODS OF CLAMPING AND RELEASING KNIVES THEREFROM, AND SLICING MACHINES EQUIPPED THEREWITH
 - [54] ENSEMBLES COUTEAUX DE MACHINES A TRANCHER, PROCEDES DE SERRAGE ET DE LIBERATION DE COUTEAUX A PARTIR DE CEUX-CI, ET MACHINES A TRANCHER EQUIPEES DE CEUX-CI
 - [72] GEREK, DUSTIN J, US
 - [72] KLOCKOW, SCOTT ALAN, US
 - [72] BAXTER, COREY EVERETTE, US
 - [71] URSCHEL LABORATORIES, INC., US
 - [85] 2023-10-04
 - [86] 2022-04-20 (PCT/US2022/025551)
 - [87] (WO2022/226072)
 - [30] US (63/176,977) 2021-04-20
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- [25] EN
- [54] HERBICIDAL COMPOUNDS
- [54] COMPOSES HERBICIDES
- [72] WHITTINGHAM, WILLIAM GUY, GB
- [72] WILLIAMS, JOHN, GB
- [72] WAILES, JEFFREY STEVEN, GB
- [71] SYNGENTA CROP PROTECTION AG, CH
- [85] 2023-10-04
- [86] 2022-03-30 (PCT/EP2022/058445)
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- [51] Int.Cl. F16L 9/147 (2006.01) B65G 53/16 (2006.01)
 - [25] EN
 - [54] CONVEYING PIPE PART OF A PNEUMATIC MATERIAL CONVEYING SYSTEM, CONVEYING PIPE ARRANGEMENT AND METHOD FOR FORMING A CONVEYING PIPE ARRANGEMENT
 - [54] PARTIE DE TUYAU DE TRANSPORT D'UN SYSTEME DE TRANSPORT DE MATERIAU PNEUMATIQUE, AGENCEMENT DE TUYAU DE TRANSPORT ET PROCEDE PERMETTANT DE FORMER UN AGENCEMENT DE TUYAU DE TRANSPORT
 - [72] SUNDHOLM, GORAN, FI
 - [71] MARICAP OY, FI
 - [85] 2023-10-04
 - [86] 2022-05-02 (PCT/FI2022/050284)
 - [87] (WO2022/234184)
 - [30] FI (20215535) 2021-05-06
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- [25] EN
- [54] HOT POROUS-SOLID METERING SYSTEMS AND METHODS FOR GENERATION OF THERAPEUTIC AEROSOLS BY EVAPORATION/CONDENSATION
- [54] SYSTEMES DE DOSAGE SOLIDES POREUX CHAUDS ET PROCEDES DE GENERATION D'AEROSOLS THERAPEUTIQUES PAR EVAPORATION/CONDENSATION
- [72] HICKEY, ANTHONY JAMES, US
- [72] STEWART, IAN EDWARD, US
- [71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
- [71] RESEARCH TRIANGLE INSTITUTE, INTERNATIONAL, US
- [85] 2023-10-04
- [86] 2022-04-14 (PCT/US2022/024810)
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 - [25] EN
 - [54] CLOUD-NATIVE CONTENT MANAGEMENT SYSTEM
 - [54] SYSTEME DE GESTION DE CONTENU NATIF EN NUAGE
 - [72] MARMANIS, HARALAMBOS, US
 - [72] HUTCHINSON, SIMON, GB
 - [72] HART, RICH, GB
 - [72] MORRIS, TOM, GB
 - [72] LEYLAND-COLE, STUART, GB
 - [71] COPYRIGHT CLEARANCE CENTER, INC., US
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 - [86] 2022-04-15 (PCT/US2022/025036)
 - [87] (WO2022/221671)
 - [30] US (63/175,113) 2021-04-15
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 - [25] EN
 - [54] HONEY PROCESSING APPARATUS
 - [54] APPAREIL DE TRANSFORMATION DU MIEL
 - [72] COBBETT, DUSTIN, CA
 - [71] COBBETT, DUSTIN, CA
 - [85] 2023-10-04
 - [86] 2022-04-05 (PCT/CA2022/050509)
 - [87] (WO2022/213182)
 - [30] US (17/224,261) 2021-04-07
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- [25] EN
- [54] VORUCICLIB DOSING REGIMENS AND METHODS OF TREATMENT INCLUDING THE SAME
- [54] SCHEMAS POSOLOGIQUES DE VORUCICLIB ET METHODES DE TRAITEMENT LES COMPRENANT
- [72] GOLD, DANIEL, US
- [72] PARR, ALAN F., US
- [71] MEI PHARMA, INC., US
- [85] 2023-10-04
- [86] 2022-04-10 (PCT/US2022/024172)
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- [30] US (63/173,361) 2021-04-10
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 - [25] EN
 - [54] **LIVE PLAYBACK STREAMS**
 - [54] **FLUX DE LECTURE EN DIRECT**
 - [72] DOROGUSKER, JESSE, US
 - [72] BERG, PAL, US
 - [72] SACERDOTE, AGUSTINA, US
 - [72] SVENSON, TAIT, US
 - [72] PUSHPARAJ, KIRUPA, US
 - [72] HERNING, ANDERS, US
 - [71] BLOCK, INC., US
 - [85] 2023-10-04
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- [25] EN
- [54] **METHODS, COMPOSITIONS AND SYSTEMS FOR SOLID-STATE BAROCALORIC APPLICATIONS**
- [54] **PROCEDES, COMPOSITIONS ET SYSTEMES POUR DES APPLICATIONS BAROCALORIQUES A SEMI-CONDUCTEURS**
- [72] MASON, JARAD A., US
- [72] SEO, JINYOUNG, US
- [71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
- [85] 2023-10-04
- [86] 2022-04-07 (PCT/US2022/023891)
- [87] (WO2022/216969)
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 - [54] **DEVICE AND METHOD FOR ANTI-TACHYCARDIA PACING**
 - [54] **DISPOSITIF ET PROCEDE DE STIMULATION ANTI-TACHYCARDIQUE**
 - [72] BEN DAVID, TAMIR, IL
 - [72] PRUTCHI, DAVID, US
 - [71] IMPULSE DYNAMICS NV, CW
 - [85] 2023-10-04
 - [86] 2022-04-04 (PCT/IB2022/053105)
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- [25] EN
- [54] **COMBINED THERAPY OF 4'-THIO-5-AZA-2'-DEOXYCYTIDINE AND VENETOCLAX**
- [54] **POLYTHERAPIE A BASEDE 4'-THIO-5-AZA-2'-DESOXYCYTIDINE ET DE VENETOCLAX**
- [72] JUNG, DOO-YOUNG, KR
- [72] LEE, JIN-SOO, KR
- [72] CHO, HYUN-YONG, KR
- [72] CHUN, YOUNG-HWA, KR
- [71] PINOTBIO, INC., KR
- [85] 2023-10-04
- [86] 2022-04-05 (PCT/KR2022/004846)
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- [30] KR (10-2021-0044289) 2021-04-05
- [30] KR (10-2021-0101179) 2021-08-02

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 - [25] EN
 - [54] **COMBINATION THERAPIES USING PRMT5 INHIBITORS FOR THE TREATMENT OF CANCER**
 - [54] **POLYTHERAPIES FAISANT APPEL A DES INHIBITEURS DE PRMT5 POUR LE TRAITEMENT DU CANCER**
 - [72] ENGSTROM, LARS DANIEL, US
 - [72] OLSON, PETER, US
 - [72] CHRISTENSEN, JAMES GAIL, US
 - [71] MIRATI THERAPEUTICS, INC., US
 - [85] 2023-10-04
 - [86] 2022-04-05 (PCT/US2022/023394)
 - [87] (WO2022/216648)
 - [30] US (63/172,639) 2021-04-08
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- [25] EN
- [54] **CLAMP GROUP AND ROUND AXLE WITH ALIGNMENT FEATURES**
- [54] **GROUPE DE SERRAGE ET AXE ROND AYANT DES CARACTERISTIQUES D'ALIGNEMENT**
- [72] LINDSAY, SEAN T., US
- [72] ETTENHOFER, RYAN M., US
- [72] ROBINSON, MICHAEL P., US
- [72] DUDDING, ASHLEY T., US
- [72] AUMANN, RICHARD J., US
- [71] HENDRICKSON USA, LLC, US
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<p style="text-align: right;">[21] 3,214,535</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A61K 45/06 (2006.01)</p> <p>[25] EN</p> <p>[54] COMBINATION THERAPIES USING PRMT5 INHIBITORS FOR THE TREATMENT OF CANCER</p> <p>[54] POLYTHERAPIES FAISANT APPEL A DES INHIBITEURS DE PRMT5 POUR LE TRAITEMENT DU CANCER</p> <p>[72] ENGSTROM, LARS DANIEL, US</p> <p>[72] OLSON, PETER, US</p> <p>[72] CHRISTENSEN, JAMES GAIL, US</p> <p>[71] MIRATI THERAPEUTICS, INC., US</p> <p>[85] 2023-10-04</p> <p>[86] 2022-04-05 (PCT/US2022/023388)</p> <p>[87] (WO2022/216645)</p> <p>[30] US (63/172,643) 2021-04-08</p> <p>[30] US (63/253,029) 2021-10-06</p>	<p style="text-align: right;">[21] 3,214,537</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. C08B 15/02 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR PRODUCING MICROCRYSTALLINE CELLULOSE</p> <p>[54] SYSTEME ET PROCEDE DE PRODUCTION DE CELLULOSE MICROCristalline</p> <p>[72] VANHALATO, KARI, FI</p> <p>[72] RAMARK, HANNU, FI</p> <p>[72] PAARNILA, SONJA, FI</p> <p>[72] PELTONEN, KARI, FI</p> <p>[71] ANDRITZ OY, FI</p> <p>[85] 2023-10-04</p> <p>[86] 2022-04-27 (PCT/FI2022/050275)</p> <p>[87] (WO2022/229510)</p> <p>[30] FI (20215507) 2021-04-30</p>	<p style="text-align: right;">[21] 3,214,539</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN</p> <p>[54] USE OF AVIPTADIL ALONE OR IN COMBINATION WITH ALPHA LIPOIC ACID AS A THERAPEUTIC MEDICAMENT FOR POST-VIRAL INFECTION SYNDROME</p> <p>[54] UTILISATION D'AVIPTADIL SEUL OU EN COMBINAISON AVEC DE L'ACIDE ALPHA-LIPOIQUE EN TANT QUE MEDICAMENT THERAPEUTIQUE POUR TRAITER UN SYNDROME D'INFECTION POST-VIRALE</p> <p>[72] BEVEC, DORIAN, CH</p> <p>[71] ADVITA LIFESCIENCE AG, CH</p> <p>[85] 2023-10-04</p> <p>[86] 2022-04-20 (PCT/IB2022/053709)</p> <p>[87] (WO2022/224172)</p> <p>[30] EP (21000109.5) 2021-04-20</p> <p>[30] EP (21189203.9) 2021-08-02</p>
<p style="text-align: right;">[21] 3,214,536</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B27N 3/02 (2006.01) B27N 3/18 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD AND APPARATUS (INSTALLATION) FOR MAKING A CONSTRUCTION BOARD, CONSTRUCTION BOARD, AND USE OF A CONSTRUCTION BOARD</p> <p>[54] PROCEDE ET DISPOSITIF (SYSTEME) POUR PRODUIRE UN PANNEAU DE MATERIAU, PANNEAU DE MATERIAU ET UTILISATION D'UN PANNEAU DE MATERIAU</p> <p>[72] KEHR, BERT, DE</p> <p>[72] KORTE, KARSTEN, DE</p> <p>[72] SJOEBRINK, LINUS, DE</p> <p>[72] ZIMMER, SVEN, DE</p> <p>[71] SIEMPELKAMP MASCHINEN- UND ANLAGENBAU GMBH, DE</p> <p>[85] 2023-10-04</p> <p>[86] 2022-04-05 (PCT/EP2022/059000)</p> <p>[87] (WO2022/214478)</p> <p>[30] DE (10 2021 001 806.0) 2021-04-08</p>	<p style="text-align: right;">[21] 3,214,538</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A61K 38/47 (2006.01)</p> <p>[25] EN</p> <p>[54] COMPOSITIONS OF DNA MOLECULES ENCODING AMYLO-ALPHA-1, 6-GLUCOSIDASE, 4-ALPHA-GLUCANOTRANSFERASE, METHODS OF MAKING THEREOF, AND METHODS OF USE THEREOF</p> <p>[54] COMPOSITIONS DE MOLECULES D'ADN CODANT POUR LA BETA-ALPHA-1, 6-GLUCOSIDASE, 4-ALPHA-GLUCANOTRANSFERASE, LEURS PROCEDES DE FABRICATION ET LEURS PROCEDES D'UTILISATION</p> <p>[72] DE BEER, JOEL, CH</p> <p>[72] MAURER, MONIQUE, CH</p> <p>[72] MEIER, NICOLAS, CH</p> <p>[72] KUNALINGAM, LAVANIYA, CH</p> <p>[72] CLERICI, MARCELLO, CH</p> <p>[71] ANJARIUM BIOSCIENCES AG, CH</p> <p>[85] 2023-10-04</p> <p>[86] 2022-04-19 (PCT/EP2022/060306)</p> <p>[87] (WO2022/223556)</p> <p>[30] US (63/177,016) 2021-04-20</p>	<p style="text-align: right;">[21] 3,214,540</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN</p> <p>[54] COMPOSITIONS AND METHODS FOR TREATING CANCER</p> <p>[54] COMPOSITIONS ET METHODES POUR TRAITER LE CANCER</p> <p>[72] JANNE, PASI A., US</p> <p>[72] KOBAYASHI, YOSHIHISA, US</p> <p>[71] DANA-FARBER CANCER INSTITUTE, INC., US</p> <p>[85] 2023-10-04</p> <p>[86] 2022-04-22 (PCT/US2022/025920)</p> <p>[87] (WO2022/226291)</p> <p>[30] US (63/178,150) 2021-04-22</p> <p>[30] US (63/292,842) 2021-12-22</p>

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<p>[21] 3,214,541 [13] A1</p> <p>[51] Int.Cl. A23L 33/135 (2016.01) A23L 33/21 (2016.01)</p> <p>[25] EN</p> <p>[54] COMPOSITIONS AND METHODS USING A COMBINATION OF AT LEAST ONE FIBER AND AT LEAST ONE PROBIOTIC TO IMPROVE MICROBIOME RESILIENCE</p> <p>[54] COMPOSITIONS ET PROCEDES UTILISANT UNE COMBINAISON D'AU MOINS UNE FIBRE ET D'AU MOINS UN PROBIOTIQUE POUR AMELIORER LA RESILIENCE DU MICROBIOME</p> <p>[72] DAMAK, SAMI, CH</p> <p>[72] GARCIA-GARCERA, MARC, CH</p> <p>[72] BERGER, BERNARD, CH</p> <p>[72] MAINARDI, FABIO, CH</p> <p>[72] GARCIA-RODENAS, CLARA LUCIA, CH</p> <p>[72] DOGRA, SHAILLAY KUMAR, CH</p> <p>[71] SOCIETE DES PRODUITS NESTLE S.A., CH</p> <p>[85] 2023-10-04</p> <p>[86] 2022-06-21 (PCT/EP2022/066799)</p> <p>[87] (WO2022/268759)</p> <p>[30] US (63/213,280) 2021-06-22</p>
<p>[21] 3,214,542 [13] A1</p> <p>[51] Int.Cl. B64D 37/32 (2006.01) A62C 3/08 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR CONTROLLING HEAT LOAD OR PARASITIC LOAD IN A FLAMMABILITY REDUCTION SYSTEM OF AN AIRCRAFT</p> <p>[54] SYSTEME ET PROCEDE POUR COMMANDE DE CHARGE THERMIQUE OU DE CHARGE PARASITE DANS UN SYSTEME DE REDUCTION D'INFLAMMABILITE D'UN AERONEF</p> <p>[72] METRULAS, STEPHEN C., US</p> <p>[72] HABERMAN, ERIC E., US</p> <p>[71] PARKER-HANNIFIN CORPORATION, US</p> <p>[85] 2023-10-04</p> <p>[86] 2022-05-11 (PCT/US2022/028705)</p> <p>[87] (WO2022/271283)</p> <p>[30] US (63/214,906) 2021-06-25</p> <p>[30] US (63/214,951) 2021-06-25</p>

<p>[21] 3,214,543 [13] A1</p> <p>[51] Int.Cl. A23K 20/20 (2016.01) A23K 40/10 (2016.01) A23L 33/105 (2016.01) A23L 33/16 (2016.01) A23P 10/20 (2016.01) A61P 3/04 (2006.01) A61P 13/02 (2006.01) A61P 25/28 (2006.01) A61P 31/04 (2006.01) A61P 31/16 (2006.01)</p> <p>[25] EN</p> <p>[54] BIOAVAILABLE MIXTURE PROVIDING SAFE, BROAD-SPECTRUM, ANTIPATHOGENIC, HEALTH, FITNESS, NEUROLOGICAL, AND HOMEOSTATIC BENEFITS</p> <p>[54] MELANGE BIODISPONIBLE FOURNISSANT DES AVANTAGES SURS, A LARGE SPECTRE, ANTIPATHOGENES, DE SANTE, DE CONDITION PHYSIQUE, NEUROLOGIQUES, ET HOMEOSTATIQUES</p> <p>[72] SONNENSCHEIN, LEONARD, US</p> <p>[71] SONNENSCHEIN INSTITUTE, INC., US</p> <p>[85] 2023-10-04</p> <p>[86] 2022-04-08 (PCT/US2022/024096)</p> <p>[87] (WO2022/217105)</p> <p>[30] US (63/173,229) 2021-04-09</p>
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<p>[21] 3,214,544 [13] A1</p> <p>[51] Int.Cl. A61K 31/192 (2006.01)</p> <p>[25] EN</p> <p>[54] ELAFIBRANOR DERIVATIVES AGONISTS OF PPAR FOR USE IN THE TREATMENT OF SEPSIS</p> <p>[54] AGONISTES DE DERIVES D'ELAFIBRANOR DE PPAR DESTINES A ETRE UTILISES DANS LE TRAITEMENT DE LA SEPTICEMIE</p> <p>[72] LEGRY, VANESSA, FR</p> <p>[72] HANF, REMY, FR</p> <p>[72] DEBAECKER, SIMON, FR</p> <p>[72] POULAIN, PHILIPPE, FR</p> <p>[72] NOEL, BENOIT, FR</p> <p>[72] WALCZAK, ROBERT, FR</p> <p>[72] PARROCHE, PEGGY, FR</p> <p>[71] GENFIT, FR</p> <p>[85] 2023-10-04</p> <p>[86] 2022-05-10 (PCT/EP2022/062710)</p> <p>[87] (WO2022/238448)</p> <p>[30] EP (21305615.3) 2021-05-11</p>
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<p>[21] 3,214,546 [13] A1</p> <p>[25] EN</p> <p>[54] SOLID-STATE REFERENCE ELECTRODE BASED ON POLYMERIC MEMBRANE</p> <p>[54] ELECTRODE DE REFERENCE A L'ETAT SOLIDE BASEE SUR UNE MEMBRANE POLYMERIQUE</p> <p>[72] COOLEY, MICHAEL, US</p> <p>[72] NGUYEN, DIEU-TU, US</p> <p>[72] MOSLEY, SAMANTHA, US</p> <p>[72] PEI, JIANHONG, US</p> <p>[72] YOUNG, CHUNG CHANG, US</p> <p>[71] NOVA BIOMEDICAL CORPORATION, US</p> <p>[85] 2023-10-04</p> <p>[86] 2021-05-19 (PCT/US2021/033120)</p> <p>[87] (WO2022/245347)</p>
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<p>[21] 3,214,548 [13] A1</p> <p>[25] EN</p> <p>[54] ADAR SPECIFIC GUIDE RNAs AND USES THEREOF</p> <p>[54] ARN GUIDES SPECIFIQUES DE ADAR ET LEURS UTILISATIONS</p> <p>[72] GOWEN, BENJAMIN G., US</p> <p>[72] JANATPOUR, MARY, US</p> <p>[72] MELTON, KORY, US</p> <p>[72] TAMBE, AKSHAY, US</p> <p>[72] WEI, SPENCER, US</p> <p>[71] SPOTLIGHT THERAPEUTICS, US</p> <p>[85] 2023-10-04</p> <p>[86] 2022-04-05 (PCT/US2022/071555)</p> <p>[87] (WO2022/217227)</p> <p>[30] US (63/170,828) 2021-04-05</p>
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<p>[21] 3,214,549 [13] A1</p> <p>[51] Int.Cl. A61K 45/06 (2006.01) A61P 31/04 (2006.01)</p> <p>[25] EN</p> <p>[54] NITAZOXANIDE IN THE TREATMENT OF SEPSIS</p> <p>[54] NITAZOXANIDE DANS LE TRAITEMENT DE LA SEPSIE</p> <p>[72] LEGRY, VANESSA, FR</p> <p>[72] HANF, REMY, FR</p> <p>[72] DEBAECKER, SIMON, FR</p> <p>[71] GENFIT, FR</p> <p>[85] 2023-10-04</p> <p>[86] 2022-05-10 (PCT/EP2022/062714)</p> <p>[87] (WO2022/238452)</p> <p>[30] EP (21305616.1) 2021-05-11</p>
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[21] 3,214,551
[13] A1

- [51] Int.Cl. A61K 8/06 (2006.01) A61K 8/25 (2006.01) A61K 8/55 (2006.01) A61K 8/81 (2006.01) A61K 8/84 (2006.01) A61K 8/89 (2006.01) A61K 8/894 (2006.01) A61Q 1/08 (2006.01)
[25] FR
[54] OIL-IN-WATER COSMETIC COMPOSITION COMPRISING PIGMENTS
[54] COMPOSITION COSMETIQUE HUILE-DANS-EAU COMPRENANT DES PIGMENTS
[72] FOUCAULT, SOPHIE, FR
[72] FITOUSSI, FABIENNE, FR
[71] LABORATOIRES CLARINS, FR
[85] 2023-10-04
[86] 2022-04-27 (PCT/FR2022/050798)
[87] (WO2022/229557)
[30] FR (FR2104428) 2021-04-28

[21] 3,214,552
[13] A1

- [51] Int.Cl. C07K 16/28 (2006.01) A61K 47/64 (2017.01) A61K 47/68 (2017.01)
[25] EN
[54] CD71 BINDING FIBRONECTIN TYPE III DOMAINS
[54] DOMAINES FIBRONECTINE DE TYPE III DE LIAISON A CD71
[72] ADDIS, RUSSELL C., US
[72] DRUZINA, ZHANNA, US
[72] KOLAKOWSKI, ROBERT V., US
[72] NADLER, STEVEN G., US
[72] O'NEIL, KARYN T., US
[72] XIN, YAO, US
[71] ARO BIOTHERAPEUTICS COMPANY, US
[85] 2023-10-04
[86] 2022-04-14 (PCT/US2022/024773)
[87] (WO2022/221505)
[30] US (63/174,752) 2021-04-14
[30] US (63/324,431) 2022-03-28

[21] 3,214,554
[13] A1

- [51] Int.Cl. G01C 19/38 (2006.01)
[25] EN
[54] FOUR-AXIS MECHANICAL CONTROLLER
[54] DISPOSITIF DE COMMANDE MECANIQUE A QUATRE AXES
[72] COWLING, DAVID ANTHONY, US
[72] MANZANARES, DAVID JAMES, US
[72] REY, GONZALO JAVIER, US
[71] SKYRYSE, INC., US
[85] 2023-10-04
[86] 2022-04-07 (PCT/US2022/023846)
[87] (WO2022/216939)
[30] US (63/172,474) 2021-04-08

[21] 3,214,555
[13] A1

- [51] Int.Cl. H01M 8/04302 (2016.01) H01M 8/04089 (2016.01) H01M 8/04225 (2016.01) H01M 8/04746 (2016.01) H01M 8/04858 (2016.01)
[25] EN
[54] JUMP-STARTING A HYDROGEN FUEL CELL-POWERED AIRCRAFT
[54] AIDE AU DEMARRAGE POUR UN AERONEF ALIMENTE PAR DES PILES A HYDROGENE
[72] LAWES, STEPHEN, US
[72] TEJPAL, RITISH, US
[71] ZEROAVIA, INC., US
[71] LAWES, STEPHEN, US
[71] TEJPAL, RITISH, US
[85] 2023-10-04
[86] 2022-04-06 (PCT/US2022/023712)
[87] (WO2022/216854)
[30] US (63/171,697) 2021-04-07

[21] 3,214,557
[13] A1

- [51] Int.Cl. B29C 39/40 (2006.01)
[25] EN
[54] METHOD AND DEVICE FOR PRODUCING MICRONEEDLE ELEMENTS, AND MICRONEEDLE ELEMENT
[54] PROCEDE ET DISPOSITIF DE FABRICATION D'ELEMENTS A MICROAIGUILLES ET ELEMENT A MICROAIGUILLES
[72] GANNON, NATASHA, DE
[72] ERLHOFER, STEFAN, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2023-10-04
[86] 2022-05-10 (PCT/EP2022/062657)
[87] (WO2022/238414)
[30] DE (10 2021 112 136.1) 2021-05-10

[21] 3,214,558
[13] A1

- [51] Int.Cl. H01M 4/1391 (2010.01) H01M 4/1393 (2010.01) H01M 4/1395 (2010.01) H01M 4/1397 (2010.01) H01M 10/0525 (2010.01)
[25] EN
[54] DRY PROCESS FOR FORMING AN ELECTRODE
[54] PROCEDE PAR VOIE SECHE POUR FORMER UNE ELECTRODE
[72] XIA, JIAN, US
[72] FITCH, KENNETH BRIAN, US
[72] YAKOVLEVA, MARINA, US
[72] BLACK, REBECCA N., US
[71] LIVENT USA CORP., US
[85] 2023-10-04
[86] 2022-03-24 (PCT/US2022/021676)
[87] (WO2022/216460)
[30] US (63/172,274) 2021-04-08
[30] US (63/273,287) 2021-10-29
[30] US (17/702,154) 2022-03-23

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[21] 3,214,560
[13] A1

[25] EN
[54] METHOD AND DEVICE FOR DELIVERING ELECTROMAGNETIC ENERGY (LIGHT) IN A FLUID COMPRISING AN ORGANISM
[54] PROCEDE ET DISPOSITIF DE DISTRIBUTION D'ENERGIE ELECTROMAGNETIQUE (LUMIERE) DANS UN FLUIDE COMPRENANT UN ORGANISME
[72] ROUX DIT BUISSON, JEAN-LOUIS, CH
[71] FORO VENTURES GMBH, CH
[85] 2023-10-04
[86] 2022-04-05 (PCT/EP2022/059027)
[87] (WO2022/214495)
[30] CH (00354/21) 2021-04-06

[21] 3,214,561
[13] A1

[25] EN
[54] SPECIFIC OLIGONUCLEOTIDE-PROGRAMMED READTHROUGH OF NONSENSE CODONS
[54] TRANSLECTURE PROGRAMMEE PAR UN OLIGONUCLEOTIDE SPECIFIQUE DE CODONS NON-SENS
[72] SUSOROV, DENIS, US
[72] KOROSTELEV, ANDREI, US
[72] ZAHRA, SERAJ, US
[71] UNIVERSITY OF MASSACHUSETTS, US
[85] 2023-10-04
[86] 2022-04-06 (PCT/US2022/023640)
[87] (WO2022/216804)
[30] US (63/171,893) 2021-04-07

[21] 3,214,562
[13] A1

[51] Int.Cl. B32B 7/027 (2019.01) C08L 23/04 (2006.01)
[25] EN
[54] THIN SINGLE-SITE CATALYZED POLYMER SHEETS
[54] FEUILLES POLYMERES MINCES CATALYSEES A SITE UNIQUE
[72] MCLEOD, MICHAEL, US
[72] LI, FENGKUI, US
[72] MCDONALD, RUSSELL, US
[71] FINA TECHNOLOGY, INC., US
[85] 2023-10-04
[86] 2022-04-26 (PCT/US2022/026317)
[87] (WO2022/232123)
[30] US (63/179,873) 2021-04-26

[21] 3,214,563
[13] A1

[51] Int.Cl. C12P 7/16 (2006.01)
[25] EN
[54] SYNTHESIS OF BETA-HYDROXYISOVALERATE AND METHODS OF USE
[54] SYNTHESE DE BETA-HYDROXYISOVALERATE ET METHODES D'UTILISATION
[72] SNOW, CHRISTOPHER D., US
[72] VEMURI, GOUTHAM, US
[72] CAMERON, ELIZABETH A., US
[72] LINDSAY, CHRISTOPHER, US
[72] ROBERG-PEREZ, KEVIN, US
[71] SASYA INC., US
[85] 2023-10-04
[86] 2022-04-06 (PCT/US2022/023728)
[87] (WO2022/216868)
[30] US (63/171,418) 2021-04-06

[21] 3,214,564
[13] A1

[51] Int.Cl. C09D 7/43 (2018.01)
[25] EN
[54] PROCESS FOR OVERSPRAY-FREE APPLICATION OF A RESIN COMPOSITION AND RESIN COMPOSITIONS FOR USE IN THE PROCESS
[54] PROCEDE D'APPLICATION SANS EXCES DE PULVERISATION D'UNE COMPOSITION DE RESINE, ET COMPOSITIONS DE RESINE DESTINEES A ETRE UTILISEES DANS LEDIT PROCEDE
[72] DE WOLF, ELWIN ALOYSIUS CORNELIUS ADRIANUS, NL
[72] BOSMA, MARTIN, NL
[71] ALLNEX NETHERLANDS B.V., NL
[85] 2023-10-04
[86] 2022-04-26 (PCT/EP2022/061088)
[87] (WO2022/229209)
[30] EP (21170968.8) 2021-04-28

[21] 3,214,565
[13] A1

[51] Int.Cl. B22F 12/00 (2021.01) B29C 64/255 (2017.01) B29C 64/307 (2017.01) B29C 64/329 (2017.01) B22F 10/28 (2021.01) B22F 12/52 (2021.01) B65D 88/54 (2006.01) B65D 90/54 (2006.01) B65D 90/62 (2006.01) B65D 90/66 (2006.01) F16K 31/163 (2006.01) G01F 11/28 (2006.01) G01F 11/46 (2006.01)
[25] EN
[54] A DOCKING ARRANGEMENT FOR AN ADDITIVE MANUFACTURING PROCESS
[54] AGENCEMENT D'ACCUEIL POUR PROCEDE DE FABRICATION ADDITIVE
[72] HEALEY, CALLUM, GB
[71] LPW TECHNOLOGY LTD, GB
[85] 2023-10-04
[86] 2022-04-05 (PCT/GB2022/050850)
[87] (WO2022/214799)
[30] GB (2104890.5) 2021-04-06

[21] 3,214,566
[13] A1

[25] EN
[54] METHOD FOR MANUFACTURING A SENSOR COMPRISING AT LEAST TWO SEPARATE ELECTRODES, AND SENSOR
[54] PROCEDE DE FABRICATION D'UN CAPTEUR COMPRENANT AU MOINS DEUX ELECTRODES DISTINCTES ET CAPTEUR
[72] RAMSAMY, CATHELINE, FR
[72] DE GUILLEBON, NICOLAS, FR
[72] VASSAL, SIMON, FR
[71] LINXENS HOLDING, FR
[85] 2023-10-04
[86] 2022-04-13 (PCT/EP2022/059938)
[87] (WO2022/219074)
[30] FR (FR2103854) 2021-04-14

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[21] **3,214,567**
[13] A1

[51] Int.Cl. C07D 403/14 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01)
[25] EN
[54] 2,4-DIAMINOPYRIMIDINE DERIVATIVES AS ULK1/2 INHIBITORS AND THEIR USE THEREOF
[54] INHIBITEURS ULK1/2 ET LEUR UTILISATION
[72] AMBLER, MARTIN, GB
[72] MCIVER, EDWARD GILES, GB
[72] MPAMHANGA, CHIDOCHEANGU, GB
[72] OSBORNE, SIMON, GB
[71] LIFEARC, GB
[85] 2023-10-04
[86] 2022-04-06 (PCT/IB2022/000182)
[87] (WO2022/214869)
[30] US (63/171,763) 2021-04-07

[21] **3,214,568**
[13] A1

[51] Int.Cl. B29C 64/209 (2017.01) B22F 12/53 (2021.01)
[25] EN
[54] NOZZLES, NOZZLE ASSEMBLIES, AND RELATED METHODS
[54] BUSES, ENSEMBLES BUSES ET PROCEDES ASSOCIES
[72] TAYLOR, HARRIS, US
[72] CROCKETT, JACOB, US
[72] MEIER, JARRETT, US
[72] SCHMIDT, SCOTT, US
[72] GLEASON, MICHAEL JAMES, US
[72] SHUEY, BRIAN, US
[71] US SYNTHETIC CORPORATION, US
[85] 2023-10-04
[86] 2022-04-04 (PCT/US2022/023234)
[87] (WO2022/216572)
[30] US (63/171,718) 2021-04-07

[21] **3,214,569**
[13] A1

[51] Int.Cl. B29C 64/209 (2017.01) B22F 12/53 (2021.01)
[25] EN
[54] NOZZLES INCLUDING POLYCRYSTALLINE DIAMOND OR POLYCRYSTALLINE CUBIC BORON NITRIDE AND RELATED ASSEMBLIES AND METHODS
[54] BUSES COMPRENANT DU DIAMANT POLYCRISTALLIN OU DU NITRURE DE BORE CUBIQUE POLYCRYSTALLIN ET ENSEMBLES ET PROCEDES ASSOCIES
[72] TAYLOR, HARRIS, US
[72] CROCKETT, JACOB, US
[72] MEIER, JARRETT, US
[72] SCHMIDT, SCOTT, US
[71] US SYNTHETIC CORPORATION, US
[85] 2023-10-04
[86] 2022-04-04 (PCT/US2022/023363)
[87] (WO2022/216631)
[30] US (63/171,708) 2021-04-07

[21] **3,214,570**
[13] A1

[51] Int.Cl. A61K 8/27 (2006.01) A61K 8/34 (2006.01) A61K 8/44 (2006.01) A61K 8/60 (2006.01) A61K 8/67 (2006.01) A61K 31/198 (2006.01)
[25] EN
[54] HAIR SERUM AND SUPPLEMENT
[54] SERUM ET COMPLEMENT CAPILLAIRES
[72] HENRIKSEN, LONE, DK
[71] CS MEDICA A/S, DK
[85] 2023-10-04
[86] 2022-04-13 (PCT/EP2022/059861)
[87] (WO2022/219037)
[30] DK (PA 2021 70171) 2021-04-13

[21] **3,214,571**
[13] A1

[51] Int.Cl. A24B 15/28 (2006.01)
[25] EN
[54] SPRAY DRIED NICOTINE FOR INCLUSION IN ORAL PRODUCTS
[54] NICOTINE SECHEE PAR PULVERISATION POUR INCLUSION DANS DES PRODUITS DETINES A ETRE UTILISES PAR VOIE ORALE
[72] PHILLIPS, DAVID J., US
[72] GRAY, REBECCA M., US
[72] MISHRA, MUNMAYA, US
[72] ZHUANG, SHUZHONG, US
[71] ALTRIA CLIENT SERVICES LLC, US
[85] 2023-10-04
[86] 2021-11-24 (PCT/US2021/060782)
[87] (WO2022/216323)
[30] US (17/223,756) 2021-04-06

[21] **3,214,572**
[13] A1

[51] Int.Cl. A01G 31/06 (2006.01) A01G 9/02 (2018.01)
[25] EN
[54] VERTICAL HYDROPONIC SYSTEM
[54] SYSTEME HYDROPONIQUE VERTICAL
[72] LANGILLE, RICHARD, US
[72] KAPUSHION, JOSEPH L., US
[72] WHITESIDE, GREGORY DARYLL, CA
[71] HARVEST TODAY LLC, US
[85] 2023-10-04
[86] 2022-04-14 (PCT/US2022/024744)
[87] (WO2022/225778)
[30] US (17/233,914) 2021-04-19

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[21] **3,214,573**
[13] A1

[51] Int.Cl. A61K 47/14 (2017.01)
[25] EN
[54] LIQUID MIXTURES OF TRIGLYCERIDE AND LIQUID NICOTINE
[54] MELANGES LIQUIDES DE TRIGLYCERIDES ET DE NICOTINE LIQUIDE
[72] GAO, FENG, US
[72] PHILLIPS, DAVID, US
[72] RAGLAND, BENJAMIN L, US
[72] MARCQ, PAULINE, US
[72] KIEU, ANTHONY, US
[72] BAILEY, JEANIE, US
[72] FADI, ALDEEK, US
[71] ALTRIA CLIENT SERVICES LLC, US
[85] 2023-10-04
[86] 2021-11-23 (PCT/US2021/060640)
[87] (WO2022/216320)
[30] US (17/223,823) 2021-04-06

[21] **3,214,574**
[13] A1

[51] Int.Cl. H04N 19/91 (2014.01) H04N 19/13 (2014.01)
[25] EN
[54] COEFFICIENT ENCODING/DECODING METHOD, ENCODER, DECODER, AND COMPUTER STORAGE MEDIUM
[54] PROCEDE DE CODAGE/DECODAGE DE COEFFICIENTS, CODEUR, DECODEUR ET SUPPORT DE STOCKAGE INFORMATIQUE
[72] WANG, FAN, CN
[72] XIE, ZHIHUANG, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS COPR., LTD: OPPO, CN
[85] 2023-10-04
[86] 2021-04-12 (PCT/CN2021/086710)
[87] (WO2022/217442)

[21] **3,214,575**
[13] A1

[51] Int.Cl. A47G 25/36 (2006.01) A47G 25/32 (2006.01) A47G 25/38 (2006.01) A47G 25/48 (2006.01)
[25] EN
[54] TUBULAR ELEMENT OF CELLULOSE OR PAPER MATERIAL FOR MAKING HANGERS, PROCESS FOR MAKING THE SAME AND HANGERS USING SAID TUBULAR ELEMENT
[54] ELEMENT TUBULAIRE EN CELLULOSE OU EN PAPIER POUR LA FABRICATION DE CINTRES, SON PROCEDE DE FABRICATION ET CINTRES UTILISANT LEDIT ELEMENT TUBULAIRE
[72] MAINETTI, MARIO, IT
[71] MAINETTI S.P.A., IT
[85] 2023-10-04
[86] 2022-04-01 (PCT/EP2022/058800)
[87] (WO2022/214405)
[30] IT (102021000008906) 2021-04-09

[21] **3,214,576**
[13] A1

[51] Int.Cl. A61G 13/12 (2006.01)
[25] EN
[54] PATIENT POSITIONING SYSTEMS AND METHODS
[54] SYSTEMES ET PROCEDES DE POSITIONNEMENT DE PATIENT
[72] BOULOS, CATHERINE, US
[72] KEA, ALEX D., US
[72] FLETCHER, HESTER C., US
[72] BECK, DAVID P., US
[72] FLORES, MICHAEL P., US
[72] SESHAM, MEDHA, US
[71] SAGE PRODUCTS, LLC, US
[85] 2023-10-04
[86] 2022-02-28 (PCT/US2022/018215)
[87] (WO2022/216384)
[30] US (63/173,171) 2021-04-09
[30] US (63/277,383) 2021-11-09

[21] **3,214,577**
[13] A1

[51] Int.Cl. B65G 7/08 (2006.01)
[25] EN
[54] DEVICE FOR REPLACING A PALLET
[54] DISPOSITIF DE REEMPLACEMENT D'UNE PALETTE
[72] PIANI, DANIELE, IT
[71] TOPPY S.R.L., IT
[85] 2023-10-04
[86] 2022-03-29 (PCT/EP2022/058252)
[87] (WO2022/218687)
[30] IT (102021000009698) 2021-04-16

[21] **3,214,578**
[13] A1

[51] Int.Cl. G06F 21/62 (2013.01) G06Q 30/02 (2023.01) G06N 20/00 (2019.01)
[25] EN
[54] SYSTEM AND METHOD FOR PRIVACY-PRESERVING ANALYTICS ON DISPARATE DATA SETS
[54] SYSTEME ET PROCEDE DE TRAITEMENT ANALYTIQUE PRESERVANT LA CONFIDENTIALITE SUR DES ENSEMBLES DE DONNEES DISPARATES
[72] FENTON, MICHAEL, IE
[72] FAGAN, DAVID, IE
[72] COYLE, MAURICE, IE
[72] ROGERS, NOEL, IE
[72] KHAN, IMRAN, IE
[72] ULAS, AYDIN, IE
[71] TRUATA LIMITED, IE
[85] 2023-10-04
[86] 2022-04-08 (PCT/EP2022/059544)
[87] (WO2022/214699)
[30] US (63/172,929) 2021-04-09

Demandes PCT entrant en phase nationale

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<p style="text-align: right;">[21] 3,214,580 [13] A1</p> <p>[51] Int.Cl. G06Q 10/08 (2023.01) G06Q 50/28 (2012.01)</p> <p>[25] EN</p> <p>[54] ASSET VERIFICATION SYSTEM AND METHODS OF USING SAME</p> <p>[54] SISTÈME DE VERIFICATION D'ACTIFS ET SES PROCEDES D'UTILISATION</p> <p>[72] SCARSELLI, BRUNO, US</p> <p>[71] SCARSELLI, BRUNO, US</p> <p>[85] 2023-10-04</p> <p>[86] 2022-04-06 (PCT/US2022/023641)</p> <p>[87] (WO2022/216805)</p> <p>[30] US (63/171,212) 2021-04-06</p>	<p style="text-align: right;">[21] 3,214,582 [13] A1</p> <p>[51] Int.Cl. C07K 16/28 (2006.01)</p> <p>[25] EN</p> <p>[54] PHARMACEUTICAL COMPOSITIONS COMPRISING BISPECIFIC ANTIBODIES BINDING TO B7H4 AND CD3</p> <p>[54] COMPOSITIONS PHARMACEUTIQUES COMPRENANT DES ANTICORPS BISPECIFIQUES SE LIANT A B7H4 ET CD3</p> <p>[72] SAHLIN, MARTIN, DK</p> <p>[72] ABDULRAHMAN, ABDALLAH, DK</p> <p>[72] COE, JESSE, US</p> <p>[72] ABADIE, CHARLES, US</p> <p>[71] GENMAB A/S, DK</p> <p>[85] 2023-10-04</p> <p>[86] 2022-05-09 (PCT/EP2022/062518)</p> <p>[87] (WO2022/234146)</p> <p>[30] US (63/185,762) 2021-05-07</p>	<p style="text-align: right;">[21] 3,214,614 [13] A1</p> <p>[51] Int.Cl. C07K 14/315 (2006.01)</p> <p>[25] EN</p> <p>[54] POLYPEPTIDES THAT INTERACT WITH PEPTIDE TAGS AT LOOPS OR TERMINI AND USES THEREOF</p> <p>[54] POLYPEPTIDES QUI INTERAGISSENT AVEC DES ETIQUETTES PEPTIDIQUES A DES BOUCLES OU DES TERMINAISONS ET LEURS UTILISATIONS</p> <p>[72] HOWARTH, MARK, GB</p> <p>[72] YADAV, VIKASH, GB</p> <p>[72] FERLA, MATTEO, GB</p> <p>[71] OXFORD UNIVERSITY INNOVATION LIMITED, GB</p> <p>[85] 2023-10-05</p> <p>[86] 2022-04-01 (PCT/GB2022/050841)</p> <p>[87] (WO2022/214795)</p> <p>[30] GB (2104999.4) 2021-04-08</p>

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[21] 3,214,617
[13] A1

[51] Int.Cl. C07K 16/30 (2006.01)
[25] EN
[54] METHODS FOR TREATING CANCER WITH SUBCUTANEOUS ADMINISTRATION OF ANTI-PD1 ANTIBODIES
[54] METHODES DE TRAITEMENT DU CANCER PAR ADMINISTRATION SOUS-CUTANEE D'ANTICORPS ANTI-PD1
[72] LALA, MALLIKA, US
[72] DE MIRANDA SILVA, CAROLINA, US
[72] GHEYAS, FERDOUS, US
[72] KRISHNAMACHARI, YOGITA, US
[72] CHARTASH, ELLIOT KEITH, US
[72] JAIN, LOKESH, US
[72] VADDADY, VENKATA NAGA RATNA PAVAN KUMAR, US
[71] MERCK SHARP & DOHME LLC, US
[85] 2023-10-05
[86] 2022-04-04 (PCT/US2022/023250)
[87] (WO2022/216580)
[30] US (63/172,299) 2021-04-08

[21] 3,214,619
[13] A1

[51] Int.Cl. C01B 33/141 (2006.01) C01B 33/152 (2006.01) C07K 1/04 (2006.01)
[25] EN
[54] SILICA-BASED FORMULATIONS OF THERAPEUTIC OLIGOPEPTIDES AND PEPTIDOMIMETICS
[54] FORMULATIONS A BASE DE SILICE D'OLIGOPEPTIDES THERAPEUTIQUES ET DE PEPTIDOMIMETIQUES
[72] REDMON, MARTIN P., US
[72] FORSBACK, ARI-PEKKA, FI
[72] MIKKOLA, JARI, FI
[72] SUNDQVIST, JOONA, FI
[71] STEALTH BIOTHERAPEUTICS INC., US
[85] 2023-10-05
[86] 2022-04-07 (PCT/US2022/023828)
[87] (WO2022/216928)
[30] US (63/171,723) 2021-04-07
[30] FI (20215537) 2021-05-06

[21] 3,214,623
[13] A1

[51] Int.Cl. C12Q 1/68 (2018.01)
[25] EN
[54] REGULATION OF CELLS AND ORGANISMS
[54] REGULATION DE CELLULES ET D'ORGANISMES
[72] TETS, VICTOR, US
[72] TETS, GEORGY VIKTOROVICH, US
[71] TETS, VICTOR, US
[71] TETS, GEORGY VIKTOROVICH, US
[85] 2023-10-05
[86] 2022-04-05 (PCT/IB2022/053171)
[87] (WO2022/214966)
[30] US (63/170,885) 2021-04-05

[21] 3,214,624
[13] A1

[51] Int.Cl. A24B 15/30 (2006.01)
[25] EN
[54] ORAL POUCH PRODUCT
[54] PRODUIT EN SACHET POUR ADMINISTRATION PAR VOIE ORALE
[72] BLACK, SHANNON M., US
[72] GAO, FENG, US
[72] CRAWFORD, DANIELLE R., US
[71] ALTRIA CLIENT SERVICES LLC, US
[85] 2023-10-05
[86] 2021-11-24 (PCT/US2021/060796)
[87] (WO2022/216325)
[30] US (17/223,773) 2021-04-06

[21] 3,214,628
[13] A1

[51] Int.Cl. A61K 35/17 (2015.01) A61K 31/573 (2006.01) C07K 16/30 (2006.01)
[25] EN
[54] COMBINATION THERAPY WITH DEXAMETHASONE AND TUMOR-SPECIFIC T CELL ENGAGING MULTI-SPECIFIC ANTIBODIES FOR TREATING CANCER
[54] POLYTHERAPIE AVEC DEXAMETHASONE ET LYMPHOCYTES T SPECIFIQUES D'UNE TUMEUR METTANT EN CONTACT DES ANTICORPS MULTISPECIFIQUES POUR LE TRAITEMENT DU CANCER
[72] CHEUNG, NAI-KONG V., US
[72] PARK, JEONG, US
[72] XU, HONG, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[71] MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES, US
[71] SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, US
[85] 2023-10-05
[86] 2022-04-05 (PCT/US2022/023473)
[87] (WO2022/216702)
[30] US (63/171,304) 2021-04-06

[21] 3,214,630
[13] A1

[51] Int.Cl. A61P 7/02 (2006.01)
[25] EN
[54] PHARMACEUTICAL COMPOSITION COMPRISING THE COMPOUND SMTP-7
[54] COMPOSITION PHARMACEUTIQUE COMPRENANT LE COMPOSE SMTP-7
[72] NISHIMURA, NAOKO, US
[72] HASEGAWA, KEIKO, US
[72] HASUMI, KEIJI, US
[71] BIOGEN MA INC., US
[85] 2023-10-05
[86] 2022-04-20 (PCT/US2022/025462)
[87] (WO2022/226013)
[30] JP (2021070892) 2021-04-20

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[21] 3,214,631 [13] A1
[51] Int.Cl. C04B 28/04 (2006.01) C04B 28/10 (2006.01)
[25] EN
[54] BUILDING MATERIALS
[54] MATERIAUX DE CONSTRUCTION
[72] SABATINI, PAOLO, IT
[72] DI TOMMASO, MICHEL, IT
[71] DMAT S.R.L., IT
[85] 2023-10-05
[86] 2022-04-07 (PCT/IB2022/000353)
[87] (WO2022/229709)
[30] US (63/171,770) 2021-04-07

[21] 3,214,638 [13] A1
[51] Int.Cl. A61K 31/315 (2006.01)
[25] EN
[54] BIOACTIVE PRODUCTS
[54] PRODUITS BIOACTIFS
[72] TETS, VICTOR, US
[72] TETS, GEORGY VIKTOROVICH, US
[71] TETS, VICTOR, US
[71] TETS, GEORGY VIKTOROVICH, US
[85] 2023-10-05
[86] 2022-04-05 (PCT/IB2022/053167)
[87] (WO2022/214963)
[30] US (63/170,822) 2021-04-05

[21] 3,214,642 [13] A1
[51] Int.Cl. A61B 5/374 (2021.01)
[25] EN
[54] ASYNCHRONOUS BRAIN COMPUTER INTERFACE IN AR USING STEADY-STATE MOTION VISUAL EVOKED POTENTIAL
[54] INTERFACE ASYNCHRONE CERVEAU-ORDINATEUR EN AR UTILISANT UN POTENTIEL EVOQUE VISUEL DE MOUVEMENT EN REGIME PERMANENT
[72] PEARCE, SARAH, CA
[72] RAVI, ARAVIND, CA
[72] LU, JING, CA
[72] JIANG, NING, CN
[72] FORSLAND, ANDREAS, US
[72] ULLRICH, CHRIS, US
[71] COGNIXION CORPORATION, US
[85] 2023-10-05
[86] 2022-04-05 (PCT/IB2022/053179)
[87] (WO2022/214969)
[30] US (63/170,987) 2021-04-05

[21] 3,214,634 [13] A1
[25] EN
[54] PRODUCTS FOR REGULATION OF EUKARYOTIC AND MICROBIAL CELLS GROWTH
[54] PRODUITS POUR LA REGULATION DE LA CROISSANCE DE CELLULES EUCAHYOTES ET MICROBIENNES
[72] TETS, VICTOR, US
[72] TETS, GEORGY VIKTOROVICH, US
[71] TETS, VICTOR, US
[71] TETS, GEORGY VIKTOROVICH, US
[85] 2023-10-05
[86] 2022-04-05 (PCT/IB2022/053170)
[87] (WO2022/214965)
[30] US (63/170,838) 2021-04-05

[21] 3,214,641 [13] A1
[25] EN
[54] ONCOLYTIC VIRUSES EXPRESSING ANTI-ROR1/ANTI-CD3 BISPECIFIC ANTIBODIES
[54] VIRUS ONCOLYTIQUES EXPRIMANT DES ANTICORPS BISPECIFIQUES ANTI-ROR1/ANTI-CD3
[72] BRESSON, DAMIEN, US
[72] POWERS, COLIN, US
[72] ALLEN, ROBERT, US
[71] SORRENTO THERAPEUTICS, INC., US
[85] 2023-10-05
[86] 2022-04-08 (PCT/US2022/024017)
[87] (WO2022/217048)
[30] US (63/173,205) 2021-04-09

[21] 3,214,644 [13] A1
[51] Int.Cl. F17C 13/02 (2006.01)
[25] EN
[54] COMPENSATION LIQUID FOR A COMPRESSED GAS ENERGY STORAGE SYSTEM
[54] LIQUIDE DE COMPENSATION POUR UN SYSTEME DE STOCKAGE D'ENERGIE A GAZ COMPRIME
[72] YOUNG, DAVIN, CA
[72] MCGILLIS, ANDREW, CA
[72] VANWALLEGHEM, CURTIS, CA
[71] HYDROSTOR INC., CA
[85] 2023-10-05
[86] 2022-04-01 (PCT/CA2022/050503)
[87] (WO2022/213179)
[30] US (63/173,049) 2021-04-09

[21] 3,214,636 [13] A1
[51] Int.Cl. B65G 39/16 (2006.01) B65G 39/071 (2006.01) B65G 15/64 (2006.01)
[25] EN
[54] DEVICE HAVING A GUIDE UNIT FOR GUIDING A CONVEYOR BELT
[54] DISPOSITIF DOTE D'UNE UNITE DE GUIDAGE POUR GUIDER UNE BANDE TRANSPORTEUSE
[72] DUNNWALD, WILFRIED, DE
[72] PRENNER, MICHAEL, AT
[72] KOTH, THORSTEN, DE
[71] SCRAPETEC GMBH, DE
[85] 2023-10-05
[86] 2022-03-24 (PCT/EP2022/057781)
[87] (WO2022/214325)
[30] DE (10 2021 108 695.7) 2021-04-08

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[21] 3,214,650
[13] A1

- [51] Int.Cl. A61M 39/24 (2006.01)
- [25] EN
- [54] PRESSURE-REGULATING CONNECTOR FOR INFUSION
- [54] RACCORD DE REGULATION DE PRESSION POUR PERfusion
- [72] JADHAV, AMARSINH DEELIPRAO, IN
- [72] MENON, MURALIKRISHNA, IN
- [72] AUSTIN, ABIN, IN
- [71] CAREFUSION 303, INC., US
- [85] 2023-10-05
- [86] 2022-03-15 (PCT/US2022/020428)
- [87] (WO2022/216418)
- [30] US (63/173,128) 2021-04-09

[21] 3,214,652
[13] A1

- [25] EN
- [54] SYSTEMS AND METHODS FOR PHYSICAL VAPOR DEPOSITION OF SILICON NITRIDE COATINGS HAVING ANTIMICROBIAL AND OSTEOGENIC ENHANCEMENTS
- [54] SYSTEMES ET PROCEDES DE DEPOT PHYSIQUE EN PHASE VAPEUR DE REVETEMENTS DE NITRURE DE SILICIUM AYANT DES AMELIORATIONS ANTIMICROBIENNES ET OSTEOGENIQUES
- [72] MCENTIRE, BRYAN J., US
- [72] BOCK, RYAN M., US
- [72] BAL, BHAJANJIT SINGH, US
- [71] SINTX TECHNOLOGIES, INC., US
- [85] 2023-10-05
- [86] 2022-04-07 (PCT/US2022/023868)
- [87] (WO2022/216951)
- [30] US (63/171,957) 2021-04-07

[21] 3,214,653
[13] A1

- [51] Int.Cl. C07K 16/30 (2006.01)
- [25] EN
- [54] ANTIGEN BINDING PROTEINS THAT BIND ROR1
- [54] PROTEINES DE LIAISON A L'ANTIGENE QUI SE LIENT A ROR1
- [72] ZHOU, HEYUE, US
- [72] CAO, XIA, US
- [72] LU, LUCY, US
- [71] SORRENTO THERAPEUTICS, INC., US
- [85] 2023-10-05
- [86] 2022-04-08 (PCT/US2022/024030)
- [87] (WO2022/217054)
- [30] US (63/173,150) 2021-04-09

[21] 3,214,655
[13] A1

- [51] Int.Cl. C07K 14/715 (2006.01) A61K 51/08 (2006.01)
- [25] EN
- [54] PEPTIDES, NANOVESICLES, AND USES THEREOF FOR DRUG DELIVERY
- [54] PEPTIDES, NANOVESICULES ET LEURS UTILISATIONS POUR L'ADMINISTRATION DE MEDICAMENTS
- [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
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- [86] 2022-04-13 (PCT/EP2022/059940)
- [87] (WO2022/219075)
- [30] US (63/174,874) 2021-04-14

[21] 3,214,656
[13] A1

- [51] Int.Cl. A61K 35/76 (2015.01) A61P 31/04 (2006.01)
- [25] EN
- [54] BACTERIOPHAGE COMPOSITIONS FOR TREATING CLOSTRIDIUM PERFRINGENS INFECTIONS
- [54] COMPOSITIONS DE BACTERIOPHAGES DESTINEES AU TRAITEMENT D'INFECTIONS PAR CLOSTRIDIUM PERFRINGENS
- [72] BROWN, JOSEPH CHARLES SAMUEL, GB
- [72] EDWARDS, JOSEPH RIZIERO, GB
- [72] KAY, SAMMY JAMES, GB
- [72] DENNESS, ELLEN OLIVIA, GB
- [72] STANFORD, CHRISTOPHER JEREMY, GB
- [71] APARON LTD., GB
- [85] 2023-10-05
- [86] 2022-04-08 (PCT/GB2022/050887)
- [87] (WO2022/214826)
- [30] US (63/173,041) 2021-04-09

[21] 3,214,658
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- [54] SOLVENT FOR INSECT REPELLENT ACTIVE INGREDIENT AND INSECT REPELLENT SYSTEM USING SAME
- [54] SOLVANT POUR PRINCIPE ACTIF INSECTIFUGE ET SYSTEME INSECTIFUGE L'UTILISANT
- [72] HAINZE, JOHN, US
- [72] BOLZ, NICHOLAS, US
- [72] BRADBURY, STEPHEN, US
- [71] THERMACELL REPELLENTS, INC., US
- [85] 2023-10-05
- [86] 2022-04-06 (PCT/US2022/023736)
- [87] (WO2022/216875)
- [30] US (63/171,316) 2021-04-06

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[25] EN
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[72] DE BEER, JOEL, CH
[72] MAURER, MONIQUE, CH
[72] MEIER, NICOLAS, CH
[72] KUNALINGAM, LAVANIYA, CH
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[86] 2022-04-13 (PCT/EP2022/059902)
[87] (WO2022/219058)
[30] US (63/174,855) 2021-04-14

[21] 3,214,662
[13] A1

[51] Int.Cl. E05F 15/60 (2015.01) E05F 15/70 (2015.01)
[25] EN
[54] A DOOR OPERATION SUPPORT SYSTEM AND METHOD FOR PREDICTING MAINTENANCE
[54] SYSTEME D'ASSISTANCE AU FONCTIONNEMENT D'UNE PORTE ET PROCEDE DE PREVISION DE LA MAINTENANCE
[72] SIEWERT, HOLGER, DE
[71] ASSA ABLOY ENTRANCE SYSTEMS AB, SE
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[86] 2022-04-05 (PCT/EP2022/058934)
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[30] SE (2130093-4) 2021-04-06

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[25] EN
[54] SYSTEMS AND METHODS OF GENERATING RISK SCORES AND PREDICTIVE FRAUD MODELING
[54] SYSTEMES ET PROCEDES DE GENERATION D'INDICES DE RISQUE ET MODELISATION DE FRAUDE PREDICTIVE
[72] STACK, BRIAN MICHAEL, US
[72] BURDELSKI, DAVID, US
[72] SEGURITAN, VICTOR, US
[72] CARLETON, JOEL, US
[71] CSIDENTITY CORPORATION, US
[85] 2023-10-05
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[87] (WO2022/221202)
[30] US (63/173,913) 2021-04-12
[30] US (17/658,604) 2022-04-08

[21] 3,214,664
[13] A1

[51] Int.Cl. C07D 217/16 (2006.01) C07D 217/04 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 498/18 (2006.01)
[25] EN
[54] SYNTHESIS OF RAPAMYCIN ANALOG COMPOUNDS
[54] SYNTHESE DE COMPOSES ANALOGUES DE LA RAPAMYCINE
[72] BALLMER, STEVEN G., US
[72] HUANG, XIAOJUN, US
[72] LI, SHAOLING, US
[71] REVOLUTION MEDICINES, INC., US
[85] 2023-10-05
[86] 2022-04-07 (PCT/US2022/023778)
[87] (WO2022/216900)
[30] US (63/173,189) 2021-04-09

[21] 3,214,668
[13] A1

[51] Int.Cl. A61K 31/635 (2006.01) A61P 13/10 (2006.01)
[25] EN
[54] FORMULATION AND METHOD FOR TREATMENT OF URINARY SYSTEM DISORDERS
[54] FORMULATION ET METHODE DE TRAITEMENT DES TROUBLES DU SYSTEME URINAIRE
[72] KINSELLA JR., CHRISTOPHER R., US
[72] ALI, SANIYA, US
[72] NOLAN, CLAY JUSTIN, US
[72] BARTLETT II, RUSH LLOYD, US
[71] WATERSHED MEDICAL INC, US
[85] 2023-10-05
[86] 2021-04-07 (PCT/US2021/026285)
[87] (WO2022/216287)

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[54] OPTICAL COMMUNICATION BUNDLE AND ASSOCIATED OPTICAL CABLE
[54] FAISCEAU DE COMMUNICATION OPTIQUE ET CABLE OPTIQUE ASSOCIE
[72] LALLINEC, PATRICE, FR
[72] MAURAY, STEPHANE, FR
[71] ACOME, FR
[85] 2023-10-05
[86] 2022-04-13 (PCT/FR2022/050700)
[87] (WO2022/219288)
[30] FR (FR2103791) 2021-04-13

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[13] A1

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[25] EN
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[54] COMPOSITIONS IGNIFUGES ET AUTRES COMPOSITIONS CONTENANT UN OU PLUSIEURS BIOPOLYMERES ET DE LA SILICE COLLOIDALE
[72] KIM, MELISSA, US
[72] MUÑOZ, MARCELA, US
[72] MORAGA, DANIEL, US
[71] PERIMETER SOLUTIONS LP, US
[85] 2023-10-05
[86] 2022-04-04 (PCT/US2022/023339)
[87] (WO2022/216621)
[30] US (63/171,322) 2021-04-06
[30] US (63/171,327) 2021-04-06
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[13] A1

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[25] EN
[54] A BIOCHAR PRODUCTION PLANT, A COMBUSTION CHAMBER AND A METHOD OF OPERATING THE COMBUSTION CHAMBER
[54] INSTALLATION DE PRODUCTION DE BIOCHAR, CHAMBRE DE COMBUSTION ET PROCEDE DE FONCTIONNEMENT DE LA CHAMBRE DE COMBUSTION
[72] JONES, FREDERICK MICHAEL, GB
[71] JONES, FREDERICK MICHAEL, GB
[85] 2023-10-05
[86] 2022-04-08 (PCT/EP2022/059507)
[87] (WO2022/214688)
[30] EP (PCT/EP2021/059217) 2021-04-08

[21] 3,214,676
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[25] EN
[54] PYRIDAZINE COMPOUNDS FOR INHIBITING NLRP3
[54] COMPOSES DE PYRIDAZINE POUR INHIBER NLRP3
[72] DORICH, STEPHANE, CA
[72] BURCH, JASON, CA
[72] ST-ONGE, MIGUEL, CA
[72] CHEFSON, AMANDINE, CA
[72] COTE, ALEXANDRE, CA
[72] BEVERIDGE, RAMSAY, CA
[72] CIBLAT, STEPHANE, CA
[71] VENTUS THERAPEUTICS U.S., INC., US
[85] 2023-10-05
[86] 2022-04-07 (PCT/US2022/023893)
[87] (WO2022/216971)
[30] US (63/171,932) 2021-04-07
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[13] A1

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[25] EN
[54] APPARATUS, METHOD AND SYSTEM FOR BALLOON ALTITUDE CONTROL BY IN-SITU CHARACTERIZATION AND ACTIVE ENERGY MANAGEMENT
[54] APPAREIL, PROCEDE ET SYSTEME DE COMMANDE D'ALTITUDE DE BALLON PAR CARACTERISATION IN SITU ET GESTION D'ENERGIE ACTIVE
[72] SHINDE, PRADEEP, US
[71] SPACE BALLOON TECHNOLOGIES CORP., US
[85] 2023-10-05
[86] 2022-04-05 (PCT/US2022/071552)
[87] (WO2022/217225)
[30] US (63/201,021) 2021-04-08

[21] 3,214,678
[13] A1

- [51] Int.Cl. A23L 33/135 (2016.01) A61K 35/741 (2015.01)
[25] EN
[54] METHODS OF USE OF OLIGOSACCHARIDE COMPOSITIONS FOR MODULATING MICROBIOTA AND THEIR METABOLIC PRODUCTS, AND AS THERAPEUTICS FOR HEALTH APPLICATIONS
[54] PROCEDES D'UTILISATION DE COMPOSITIONS D'OLIGOSACCHARIDES POUR MODULER LE MICROBIOTE ET LEURS PRODUITS METABOLIQUES, ET EN TANT QU'AGENTS THERAPEUTIQUES POUR DES APPLICATIONS DE SANT
[72] AMICUCCI, MATTHEW JOSEPH, US
[72] MARCOBAL-BARRANCO, ANGELA MARIA, US
[72] WATKINS, STEVEN MICHAEL, US
[72] MALDONADO GOMEZ, MARIA XIMENA, US
[72] KRISHNAKUMAR, NITHYA, US
[72] VIERRA, CORY GLEN, US
[72] CONNER, ALEXANDRIA MARIE SALAZAR, US
[72] DREXLER, RILEY ANNE, US
[72] LIU, YIYUN, US
[72] NILL, JENNIFER ELIZABETH, US
[72] MCCONNELL, BRUCE ROBERT, US
[72] CERNEY, JAMES PATRICK, US
[72] LEE, MEGAN, US
[71] BCD BIOSCIENCE, INC., US
[85] 2023-10-05
[86] 2022-05-12 (PCT/US2022/029065)
[87] (WO2022/241163)
[30] US (63/188,178) 2021-05-13
[30] US (63/188,192) 2021-05-13
[30] US (63/188,239) 2021-05-13
[30] US (63/188,386) 2021-05-13
[30] US (63/188,392) 2021-05-13
[30] US (63/188,395) 2021-05-13
[30] US (63/188,402) 2021-05-13
[30] US (63/188,411) 2021-05-13
[30] US (63/253,864) 2021-10-08

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[13] A1

[51] Int.Cl. A61P 3/10 (2006.01)

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[54] ADMINISTRATION IN VIVO D'INSULINE PAR VOIE ORALE PAR L'INTERMEDIAIRE DE STRUCTURES ORGANIQUES COVALENTE

[72] TRABOLSI, ALI, AE

[72] BENYETTOU, FARAH, AE

[71] NEW YORK UNIVERSITY IN ABU DHABI CORPORATION, AE

[85] 2023-10-05

[86] 2022-04-05 (PCT/IB2022/000193)

[87] (WO2022/214874)

[30] US (63/170,967) 2021-04-05

[21] **3,214,680**

[13] A1

[51] Int.Cl. C08K 3/22 (2006.01)

[25] EN

[54] PLASTIC PRODUCTS CONTAINING LUMINOPHORES
[54] PRODUITS PLASTIQUES CONTENANT DES LUMINOPHORES

[72] NAUMANN, MATTHIAS, DE
[72] LEHMANN, KATHRIN, DE

[72] SCHULTE, SIMONE, DE

[72] JANKE, CHRISTINA, DE

[71] EVONIK OPERATIONS GMBH, DE

[85] 2023-10-05

[86] 2022-03-23 (PCT/EP2022/057600)

[87] (WO2022/218662)

[30] EP (21167980.8) 2021-04-13

[21] **3,214,681**

[13] A1

[51] Int.Cl. G06F 30/13 (2020.01) G06N 20/00 (2019.01) G06F 30/18 (2020.01)

[25] EN

[54] CAD DEVICE WITH UTILITY ELEMENT ROUTING AND RELATED METHODS

[54] DISPOSITIF DE CAO COMPORANT UN TRACE D'ITINERAIRE D'ELEMENTS DE DESSERTE ET PROCEDES ASSOCIES

[72] FULTON, LAWSON, CA

[72] PIACENTINI, CHIARA, CA

[72] HASHEMI, ALI BARADARAN, CA

[72] ASHBOURNE, ALEXANDER JOHN, CA

[72] KARKANIS, TASSO, CA

[72] IORIO, FRANCESCO, CA

[71] AUGMENTA, INC., CA

[85] 2023-10-05

[86] 2022-04-07 (PCT/CA2022/050535)

[87] (WO2022/213203)

[30] US (63/171,702) 2021-04-07

[21] **3,214,682**

[13] A1

[51] Int.Cl. H01M 8/2483 (2016.01) H01M 8/0258 (2016.01) H01M 8/248 (2016.01)

[25] EN

[54] FUEL CELL ASSEMBLIES WITH FUEL CELL PLATES WITH REDUCED AND/OR ELIMINATED TRANSITION REGIONS

[54] ENSEMBLES PILES A COMBUSTIBLE COMPRENANT DES PLAQUES DE PILES A COMBUSTIBLE AYANT DES REGIONS DE TRANSITION REDUITES ET/OU RETIREES

[72] KADYLAK, DAVID ERWIN, CA

[72] KENNETTE, CLAUDETTE, CA

[72] PAONE, MATTHEW PAUL, CA

[71] LOOP ENERGY INC., CA

[85] 2023-10-05

[86] 2022-04-08 (PCT/CA2022/050549)

[87] (WO2022/213214)

[30] US (63/173,424) 2021-04-10

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[13] A1

[51] Int.Cl. A61K 31/5377 (2006.01) C07K 14/725 (2006.01)

[25] EN

[54] COMBINATION THERAPIES WITH BCMA-DIRECTED T CELL THERAPY

[54] POLYTHERAPIES AVEC UNE THERAPIE PAR LYMPHOCYTES T DIRIGES CONTRE BCMA

[72] RYTLEWSKI, JULIE ANN, US

[72] PITTARI, GIANFRANCO, US

[71] CELGENE CORPORATION, US

[85] 2023-10-05

[86] 2022-04-15 (PCT/US2022/025115)

[87] (WO2022/221726)

[30] US (63/176,196) 2021-04-16

[21] **3,214,685**

[13] A1

[25] EN

[54] OPTICAL FIBER CONNECTOR

[54] CONNECTEUR DE FIBRES OPTIQUES

[72] LEESON, KIM, GB

[72] TREZISE, SHAUN, GB

[71] PPC BROADBAND FIBER LTD., GB

[85] 2023-10-05

[86] 2022-04-11 (PCT/IB2022/053398)

[87] (WO2022/215060)

[30] US (63/173,355) 2021-04-09

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[13] A1

[25] EN

[54] TRACKING SEGMENTAL MOVEMENT OF THE HEART USING TENSORS

[54] SUIVI DE MOUVEMENT SEGMENTAIRE DU C?UR A L'AIDE DE TENSEURS

[72] HIRSON, DESMOND, CA

[72] MACANOVIC, ALVIRA, CA

[72] IRRGANG, CLAUDIO, CA

[72] SIRKIN, MARK, CA

[71] VENTRIPOINT DIAGNOSTICS LTD., CA

[85] 2023-10-05

[86] 2022-04-12 (PCT/CA2022/050562)

[87] (WO2022/217348)

[30] US (63/205,658) 2021-04-12

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[13] A1

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 - [25] EN
 - [54] BACTERIAL STRAIN, COMPOSITION, DRUG FOR USE IN COMBINATION AND USE
 - [54] SOUCHE BACTERIENNE, COMPOSITION, MEDICAMENT DESTINE A ETRE UTILISE EN COMBINAISON ET UTILISATION
 - [72] LIN, QUANSHENG, CN
 - [72] JIANG, XIANZHI, CN
 - [72] XIAN, YIBO, CN
 - [72] KUANG, ZUPENG, CN
 - [72] HUANG, BAOJIA, CN
 - [72] KONG, PING, CN
 - [72] DENG, QIANYING, CN
 - [72] ZHAO, YINGYING, CN
 - [72] XIAO, CHEN, CN
 - [72] ZHANG, TENGXUN, CN
 - [72] KUANG, QIANWEN, CN
 - [72] TAI, LIHONG, CN
 - [71] MOON (GUANGZHOU) BIOTECH CO., LTD., CN
 - [85] 2023-10-05
 - [86] 2021-07-15 (PCT/CN2021/106579)
 - [87] (WO2022/213507)
 - [30] CN (202110369840.5) 2021-04-06
 - [30] CN (202110370249.1) 2021-04-06
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- [25] EN
 - [54] METHODS OF DIAGNOSING AND PREDICTING RENAL DECLINE
 - [54] PROCEDES DE DIAGNOSTIC ET DE PREDICTION DE DECLIN RENAL
 - [72] KROLEWSKI, ANDRZEJ, US
 - [71] JOSLIN DIABETES CENTER, INC, US
 - [85] 2023-10-05
 - [86] 2022-04-08 (PCT/US2022/071640)
 - [87] (WO2022/217283)
 - [30] US (63/172,541) 2021-04-08
 - [30] US (63/215,150) 2021-06-25
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[21] **3,214,690**

[13] A1

- [51] Int.Cl. H04B 10/038 (2013.01)
 - [25] EN
 - [54] PASSIVE OPTICAL NETWORK FOR UTILITY INFRASTRUCTURE RESILIENCY
 - [54] RESEAU OPTIQUE PASSIF POUR RESILIENCE D'INFRASTRUCTURE DE SERVICES PUBLICS
 - [72] DICKSON, ANDREW, US
 - [72] KUBERSKI, MICHAEL, US
 - [72] OFFNER, STEVEN, US
 - [71] COMMONWEALTH EDISON COMPANY, US
 - [85] 2023-10-05
 - [86] 2022-03-31 (PCT/US2022/022915)
 - [87] (WO2022/216527)
 - [30] US (17/222,710) 2021-04-05
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[21] **3,214,691**

[13] A1

- [25] EN
 - [54] METHODS OF INCREASING HIGHER-ORDER MODE SUPPRESSION IN LARGE-MODE AREA RING FIBERS AND SYSTEMS THEREOF
 - [54] PROCEDES D'AUGMENTATION DE LA SUPPRESSION DE MODES D'ORDRE ELEVE DANS DES FIBRES ANNULAIRES A LARGE SURFACE DE MODE ET SYSTEMES ASSOCIES
 - [72] KRISTENSEN, POUL, DK
 - [72] NICHOLSON, JEFFREY W., US
 - [71] OFS FITEL, LLC, US
 - [85] 2023-10-05
 - [86] 2022-04-06 (PCT/US2022/023602)
 - [87] (WO2022/216780)
 - [30] US (63/171,441) 2021-04-06
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[21] **3,214,693**

[13] A1

- [51] Int.Cl. F16L 37/098 (2006.01)
 - [25] EN
 - [54] QUICK CONNECTOR MADE OF PLASTICS
 - [54] RACCORD RAPIDE EN PLASTIQUE
 - [72] RYMAN, MORGAN, SE
 - [71] OETIKER SCHWEIZ AG, CH
 - [85] 2023-10-05
 - [86] 2021-04-15 (PCT/EP2021/059823)
 - [87] (WO2022/218533)
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[13] A1

- [51] Int.Cl. A23G 4/08 (2006.01) A23G 4/12 (2006.01)
 - [25] EN
 - [54] CONTROLLED-RELEASE NICOTINE CHEWING GUM
 - [54] GOMME A MACHER A BASE DE NICOTINE A LIBERATION CONTROLEE
 - [72] GAO, FENG, US
 - [72] PHILLIPS, DAVID, US
 - [72] MARCQ, PAULINE, US
 - [72] KIEU, ANTHONY, US
 - [72] RAGLAND, BENJAMIN L., US
 - [71] ALTRIA CLIENT SERVICES LLC, US
 - [85] 2023-10-05
 - [86] 2021-11-23 (PCT/US2021/060643)
 - [87] (WO2022/216321)
 - [30] US (17/223,800) 2021-04-06
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[13] A1

- [51] Int.Cl. C12Q 1/6837 (2018.01) C12Q 1/6874 (2018.01)
 - [25] EN
 - [54] FLOW CELL AND METHODS
 - [54] CUVE A CIRCULATION ET PROCEDES
 - [72] GEORGE, WAYNE N., GB
 - [72] BROWN, ANDREW A., GB
 - [71] ILLUMINA CAMBRIDGE LIMITED, GB
 - [85] 2023-10-05
 - [86] 2022-04-26 (PCT/EP2022/060972)
 - [87] (WO2022/229137)
 - [30] US (63/182,370) 2021-04-30
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[21] **3,214,699**

[13] A1

- [25] EN
- [54] SYSTEMS AND METHODS FOR GENERATING OR RENDERING A THREE-DIMENSIONAL REPRESENTATION
- [54] SYSTEMES ET PROCEDES POUR GENERER OU EFFECTUER LE RENDU D'UNE REPRESENTATION TRIDIMENSIONNELLE
- [72] THOMAS, MATTHEW, US
- [72] SOMMERS, JEFFREY, US
- [72] BARBHAIYA, HARSH, US
- [71] HOVER INC., US
- [85] 2023-10-05
- [86] 2022-04-12 (PCT/US2022/024401)
- [87] (WO2022/221267)
- [30] US (63/175,668) 2021-04-16
- [30] US (63/329,001) 2022-04-08

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[21] **3,214,701**
[13] A1

[51] Int.Cl. B29C 64/106 (2017.01) E04C
2/20 (2006.01)

[25] EN

[54] **STRUCTURAL MODULES
PRODUCED BY ADDITIVE
MANUFACTURING**

[54] **MODULES STRUCTURAUX
PRODUITS PAR FABRICATION
ADDITIVE**

[72] KUTCHKO, CYNTHIA, US
[72] WILKINSON, BRYAN W., US
[72] CHIANG, BRIAN, US
[72] BOYLE, BRET M., US
[72] KUPAS, JACOB M., US
[72] DESTRUHAUT, THIERRY L.C., NL
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2023-10-05
[86] 2022-04-05 (PCT/US2022/071548)
[87] (WO2022/217221)
[30] US (63/171,121) 2021-04-06

[21] **3,214,704**
[13] A1

[51] Int.Cl. A01K 39/012 (2006.01) A01K
61/85 (2017.01)

[25] EN

[54] **AUTOMATED DEVICE FOR
CONTROLLED FEEDING OF
SUBSTANCES TO ANIMAL
CONTAINMENT RECIPIENTS,
RELATED SYSTEM AND
METHOD**

[54] **DISPOSITIF AUTOMATISE POUR
L'ALIMENTATION REGULEE EN
SUBSTANCES JUSQU'A DES
CONTENANTS POUR ANIMAUX,
SYSTEME ET PROCEDE
ASSOCIES**

[72] RIBEIRO DE SOUSA, ALMOR
RICARDO, PT

[72] FERNANDES DA SILVA MARQUES,
CARLOS ALBERTO, PT

[72] GASPAR LOPES, JOANA, PT

[72] GONCALVES ALVITO, PAULO
JORGE, PT

[72] CAETANO CERTAL AFONSO, ANA
CATARINA, PT

[72] FREIRE DE CASTICO MONTEIRO,
JOANA, PT

[71] FUNDACAO D. ANNA DE SOMMER
CHAMPALIMAUD E DR. CARLOS
MONTEZ CHAMPALIMAUD
FOUNDATION, AF

[71] IDMIND - ENGENHARIA DE
SISTEMAS, LDA, PT

[85] 2023-10-05

[86] 2022-04-05 (PCT/PT2022/050015)
[87] (WO2022/216168)
[30] PT (117161) 2021-04-06

[21] **3,214,705**
[13] A1

[51] Int.Cl. D06M 11/79 (2006.01) D06M
15/03 (2006.01)

[25] EN

[54] **FABRIC COMPOSITIONS
COMPRISING ATTACHED
ZEOLITE AND/OR A
ZEOLITE/PECTIN COMPLEX**

[54] **COMPOSITIONS DE TISSU
COMPRENANT UNE ZEOLITE
ATTACHEE ET/OU UN
COMPLEXE ZEOLITE/PECTINE**

[72] EDWARDS, JUDSON V., US
[72] PREVOST, NICOLETTE T., US
[72] GRAVES, ELENA E., US
[72] DACORTA, JOSEPH, US
[72] YAGER, DORNE, US
[71] THE UNITED STATES OF
AMERICA, AS REPRESENTED BY
THE SECRETARY OF
AGRICULTURE, US
[71] H&H MEDICAL CORPORATION, US
[71] VIRGINIA COMMONWEALTH
UNIVERSITY, US
[85] 2023-10-05
[86] 2022-04-06 (PCT/US2022/023631)
[87] (WO2022/216797)
[30] US (63/171,171) 2021-04-06
[30] US (17/713,803) 2022-04-05

[21] **3,214,706**
[13] A1

[51] Int.Cl. A01N 43/40 (2006.01) A01N
43/42 (2006.01) A01N 43/52 (2006.01)
A01N 43/653 (2006.01) A01N 43/78
(2006.01) A01N 47/20 (2006.01)

[25] EN

[54] **USE OF ANTI-CLOTTING
COMPOUNDS AS RODENTICIDES**

[54] **UTILISATION DE COMPOSES
INHIBITEURS DE COAGULATION
SANGUINE COMME
RODENTICIDES**

[72] GULBA, DIETRICH, DE
[71] GULBA, DIETRICH, DE
[85] 2023-10-05
[86] 2022-04-05 (PCT/EP2022/059011)
[87] (WO2022/214485)
[30] EP (21166946.0) 2021-04-06

PCT Applications Entering the National Phase

[21] 3,214,708
[13] A1

[51] Int.Cl. G01R 33/465 (2006.01)
[25] EN
[54] APPARATUS AND METHODOLOGIES FOR DETECTION, DIAGNOSIS, AND PROGNOSIS OF BRAIN INJURY
[54] APPAREIL ET METHODOLOGIES POUR LA DETECTION, LE DIAGNOSTIC ET LE PRONOSTIC D'UNE LESION CEREBRALE
[72] DEBERT, CHANTEL, CA
[72] METZ, GERLINDE, CA
[72] MONTINA, TONY, CA
[71] UTI LIMITED PARTNERSHIP, CA
[71] METZ, GERLINDE, CA
[71] MONTINA, TONY, CA
[85] 2023-10-05
[86] 2022-04-07 (PCT/CA2022/050533)
[87] (WO2022/213201)
[30] US (63/172,876) 2021-04-09

[21] 3,214,709
[13] A1

[51] Int.Cl. A01K 31/20 (2006.01) A01K 31/19 (2006.01) F24D 19/10 (2006.01)
[25] EN
[54] SYSTEM AND METHOD OF HEATING LIVESTOCK BARNS USING MODULATING RADIANT Emitter
[54] SYSTEME ET PROCEDE DE CHAUFFAGE D'ETABLES A BETAIL EN UTILISANT UN EMETTEUR RAYONNANT A MODULATION
[72] FILE, GJERGJI, CA
[72] MERRITT, KEVIN, CA
[71] SUPERIOR RADIANT PRODUCTS LTD., CA
[85] 2023-10-05
[86] 2022-04-01 (PCT/CA2022/050504)
[87] (WO2022/213180)
[30] US (63/171,269) 2021-04-06

[21] 3,214,713
[13] A1

[51] Int.Cl. G06N 3/04 (2023.01)
[25] EN
[54] AUTOMATIC CLASSIFICATION OF EXCAVATION MATERIALS
[54] CLASSIFICATION AUTOMATIQUE DE MATERIAUX D'EXCAVATION
[72] ARTAN, UNAL, CA
[72] FERNANDO, HESHAN, CA
[72] MARSHALL, JOSHUA, CA
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA
[85] 2023-10-05
[86] 2022-04-06 (PCT/CA2022/050520)
[87] (WO2022/213191)
[30] US (63/171,688) 2021-04-07

[21] 3,214,716
[13] A1

[51] Int.Cl. C07K 16/36 (2006.01)
[25] EN
[54] VON WILLEBRAND FACTOR (VWF) INHIBITORS
[54] INHIBITEURS DU FACTEUR DE VON WILLEBRAND (VWF)
[72] CLEMO, NADINE, GB
[72] LEWIS, ALAN, GB
[72] MCKINNON, TOM, GB
[71] IP2IPO INNOVATIONS LTD, GB
[85] 2023-10-05
[86] 2022-04-20 (PCT/GB2022/050989)
[87] (WO2022/223966)
[30] GB (2105625.4) 2021-04-20

[21] 3,214,717
[13] A1

[51] Int.Cl. C07K 14/705 (2006.01)
[25] EN
[54] URIDINE PHOSPHORYLASE INHIBITORS TO PREVENT OR TREAT DRUG-INDUCED PULMONARY DYSFUNCTION
[54] INHIBITEURS D'URIDINE PHOSPHORYLASE DESTINES A PREVENIR OU A TRAITER UN DYSFONCTIONNEMENT PULMONAIRE INDUIT PAR UN MEDICAMENT
[72] GARLAND, WILLIAM A., US
[72] LIAW, PHILIP, US
[72] FRENZEL, BRIAN D., US
[71] TOSK, INC., US
[85] 2023-10-05
[86] 2022-03-04 (PCT/US2022/018942)
[87] (WO2022/187649)
[30] US (63/157,246) 2021-03-05

[21] 3,214,720
[13] A1

[25] EN
[54] BONDED AND STACKED CORE MANUFACTURING METHOD AND BONDED AND STACKED CORE MANUFACTURING APPARATUS
[54] PROCEDE DE FABRICATION DE NOYAU STRATIFIE LIE ET DISPOSITIF DE FABRICATION DE NOYAU STRATIFIE LIE
[72] TAKEDA, KAZUTOSHI, JP
[72] TAKATANI, SHINSUKE, JP
[72] HIRAYAMA, RYU, JP
[72] FUKUCHI, MINAKO, JP
[72] IWASE, YOSHIAKI, JP
[72] NIWA, MAKOTO, JP
[72] HIRAKAWA, MAKOTO, JP
[71] NIPPON STEEL CORPORATION, JP
[85] 2023-10-05
[86] 2022-04-13 (PCT/JP2022/017687)
[87] (WO2022/220260)
[30] JP (2021-068134) 2021-04-14

[21] 3,214,721
[13] A1

[25] EN
[54] DETECTION AND CORRECTION OF INSUFFICIENT LOCKING BEHAVIOR OF AN ELECTRONIC LOCKSET
[54] DETECTION ET CORRECTION D'UN COMPORTEMENT DE VERROUILLAGE INSUFFISANT D'UN ENSEMBLE DE VERROUILLAGE ELECTRONIQUE
[72] LOVETT, MATTHEW DENTON, US
[71] ASSA ABLOY AMERICAS RESIDENTIAL INC., US
[85] 2023-10-05
[86] 2022-04-07 (PCT/US2022/023767)
[87] (WO2022/216892)
[30] US (63/172,221) 2021-04-08

Demandes PCT entrant en phase nationale

[21] 3,214,724
[13] A1

[51] Int.Cl. C07D 401/14 (2006.01) C07D 403/14 (2006.01)
[25] EN
[54] TRIAZINE DERIVATIVE AS REVERSIBLE AND IRREVERSIBLE COVALENT INHIBITORS OF PI3K
[54] DERIVE DE TRIAZINE SERVANT D'INHIBITEURS COVALENTS REVERSIBLES ET IRREVERSIBLES DE PI3K
[72] BORSARI, CHIARA, CH
[72] WYMAN, MATTHIAS, CH
[71] UNIVERSITAT BASEL, CH
[85] 2023-10-05
[86] 2022-04-09 (PCT/EP2022/059549)
[87] (WO2022/214702)
[30] EP (21167750.5) 2021-04-09
[30] EP (21198539.5) 2021-09-23

[21] 3,214,725
[13] A1

[51] Int.Cl. C07K 5/08 (2006.01) A61P 37/02 (2006.01) A61P 37/04 (2006.01) C07F 9/6593 (2006.01) C07K 5/06 (2006.01)
[25] EN
[54] CYCLOPOLYPHOSPHAZENES, RELATED METHODS OF PREPARATION AND METHODS OF USE
[54] CYCLOPOLYPHOSPHAZENES, PROCEDES DE PREPARATION ET PROCEDES D'UTILISATION ASSOCIES
[72] ATTAH-POKU, SAMUEL, CA
[72] GERDTS, VOLKER, CA
[72] MUTWIRI, GEORGE, CA
[72] VAN DEN HURK, SYLVIA, CA
[72] VAN DEN HURK, JAN, CA
[72] KLAEHN, JOHN, US
[71] UNIVERSITY OF SASKATCHEWAN, CA
[71] BATTELLE ENERGY ALLIANCE, LLC, US
[85] 2023-10-05
[86] 2022-04-22 (PCT/CA2022/050618)
[87] (WO2022/221959)
[30] US (63/178,214) 2021-04-22

[21] 3,214,726
[13] A1

[51] Int.Cl. A61K 31/7072 (2006.01) A61K 31/7068 (2006.01) A61P 31/12 (2006.01) A61P 31/14 (2006.01) C07H 19/10 (2006.01)
[25] EN
[54] NUCLEOSIDES AND NUCLEOTIDES ANALOGS AS ANTIVIRAL AGENTS
[54] ANALOGUES DE NUCLEOSIDES ET DE NUCLEOTIDES UTILISES EN TANT QU'AGENTS ANTIVIRAUX
[72] SCHINAZI, RAYMOND, US
[72] AMBLARD, FRANCK, US
[72] KASTHURI, MAHESH, US
[72] BITEAU, NICOLAS, US
[72] SHI, JUNXING, US
[72] ZHOU, LONGHU, US
[72] ZANDI, KEIVAN, US
[71] EMORY UNIVERSITY, US
[85] 2023-10-05
[86] 2022-04-11 (PCT/US2022/024286)
[87] (WO2022/217153)
[30] US (63/173,354) 2021-04-09
[30] US (63/175,673) 2021-04-16
[30] US (63/210,246) 2021-06-14
[30] US (63/288,163) 2021-12-10
[30] US (63/298,836) 2022-01-12

[21] 3,214,727
[13] A1

[51] Int.Cl. H05H 1/28 (2006.01)
[25] EN
[54] LIFE-EXTENDED ELECTRODE USED IN LIQUID-COOLED PLASMA ARC CUTTING TORCHES WITH COOLING SURFACE INCREASE BY SCRAPING FROM TOP TO BOTTOM ON THE INNER SURFACES WASHED BY COOLANT, BY PRESSING ON THE BOTTOM, BY CREATING INDENTATIONS AND PROTRUSIONS THAT EXTEND IN PARALLEL AND/OR AT THE SAME ANGLE AS WELL AS INSTANT HEAT TRANSFER SPEED INCREASE BY THE APPROACH O...
[54] ELECTRODE A DUREE DE VIE ETENDUE UTILISEE DANS DES TORCHES DE COUPE A L'ARC A PLASMA REFROIDIES PAR LIQUIDE AVEC AUGMENTATION DE SURFACE DE REFROIDISSEMENT PAR RACLAGE DE HAUT EN BAS DES SURFACES INTERNES LAVEES PAR LE LIQUIDE DE REFROIDISSEMENT, PAR PRESSAGE DE LA PARTIE INFERIEURE, PAR CREATION D'INDENTATIONS ET DE SAILLIES QUI S'ETENDENT EN PARALLELE E...
[72] YILDIRIM, AHMET, TR
[71] YILDIRIM, AHMET, TR
[85] 2023-10-05
[86] 2022-04-05 (PCT/TR2022/050301)
[87] (WO2022/216261)
[30] TR (2021/006109) 2021-04-06

PCT Applications Entering the National Phase

[21] 3,214,728

[13] A1

- [51] Int.Cl. B60R 9/06 (2006.01) B62J 9/20 (2020.01) B60K 15/06 (2006.01) B62D 33/04 (2006.01)
- [25] EN
- [54] STACKING ASSEMBLY AND ACCESSORY STACKING KIT
- [54] ENSEMBLE D'EMPILEMENT ET KIT D'EMPILEMENT D'ACCESSOIRES
- [72] KORSUMAKI, MIKA, FI
- [71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
- [85] 2023-10-05
- [86] 2022-04-08 (PCT/IB2022/053320)
- [87] (WO2022/219477)
- [30] US (63/175,305) 2021-04-15

[21] 3,214,729

[13] A1

- [51] Int.Cl. A61K 45/06 (2006.01) A61P 35/02 (2006.01) C07K 16/28 (2006.01)
- [25] EN
- [54] COMBINATION THERAPIES WITH CBL-B INHIBITOR COMPOUNDS
- [54] POLYTHERAPIES COMPRENANT DES COMPOSES INHIBITEURS DE CBL-B
- [72] GALLOTTA, MARILENA, US
- [72] GUIDUCCI, CRISTIANA, US
- [71] NURIX THERAPEUTICS, INC., US
- [85] 2023-10-05
- [86] 2022-04-08 (PCT/US2022/024119)
- [87] (WO2022/217123)
- [30] US (63/172,644) 2021-04-08
- [30] US (63/277,122) 2021-11-08
- [30] US (63/290,619) 2021-12-16

[21] 3,214,730

[13] A1

- [25] EN
- [54] ELECTRODE MADE BY SURFACE INCREASE OF COOLING SURFACES CONNECTING Emitter CUTTER TIP (INSERT) FOR PLASMA CUTTING TORCHES WITH COPPER ELECTRODE BODY
- [54] ELECTRODE FABRIQUEE PAR L'AUGMENTATION DE SURFACE DE SURFACES DE REFROIDISSEMENT RELIANT LA POINTE DE DISPOSITIF DE COUPE D'EMETTEUR (INSERT) POUR TORCHES DE COUPE AU JET DE PLASMA AVEC CORPS D'ELECTRODE EN CUIVR
- [72] YILDIRIM, AHMET, TR
- [71] YILDIRIM, AHMET, TR
- [85] 2023-10-05
- [86] 2022-04-06 (PCT/TR2022/050304)
- [87] (WO2022/225490)
- [30] TR (2021/006962) 2021-04-21

[21] 3,214,731

[13] A1

- [51] Int.Cl. C07D 401/04 (2006.01) A01N 43/42 (2006.01) A01P 3/00 (2006.01)
- [25] EN
- [54] MICROBIOCIDAL QUINOLINE/QUINOXALINE ISOQUINOLINE DERIVATIVES
- [54] DERIVES DE QUINOLEINE/QUINOXALINE ISOQUINOLINE MICROBIOCIDES
- [72] WEISS, MATTHIAS, CH
- [72] MAHAJAN, ATUL, IN
- [72] SEN, INDIRA, IN
- [72] PASCANU, VLAD, CH
- [71] SYNGENTA CROP PROTECTION AG, CH
- [85] 2023-10-05
- [86] 2022-04-12 (PCT/EP2022/059785)
- [87] (WO2022/223376)
- [30] IN (202111018248) 2021-04-20
- [30] EP (21181270.6) 2021-06-23

[21] 3,214,734

[13] A1

- [51] Int.Cl. H04W 12/106 (2021.01) G06Q 10/08 (2023.01) G06Q 50/28 (2012.01) H04W 12/40 (2021.01) H04L 9/40 (2022.01)
- [25] EN
- [54] SECURE SENSOR DATA DISTRIBUTION
- [54] DISTRIBUTION SECURISEE DE DONNEES DE CAPTEUR
- [72] POSCHKE, NILS, GB
- [72] PALMER, DAVID, GB
- [72] PRABDIAL, YAKEEM, GB
- [72] BENTO, JORGE, GB
- [71] DABCO LIMITED, GB
- [85] 2023-10-05
- [86] 2022-04-06 (PCT/GB2022/050859)
- [87] (WO2022/214805)
- [30] GB (2105097.6) 2021-04-09

[21] 3,214,735

[13] A1

- [51] Int.Cl. G06N 3/04 (2023.01) G06V 10/80 (2022.01) G06V 10/82 (2022.01) G06N 3/08 (2023.01)
- [25] EN
- [54] MULTIMODAL FEW-SHOT LEARNING WITH FROZEN LANGUAGE MODELS
- [54] APPRENTISSAGE MULTIMODAL EN QUELQUES COUPS A L'AIDE DE MODELES DE LANGAGE GELES
- [72] TSIMPOUKELLI, MARIA RAFAILIA, GB
- [72] MENICK, JACOB LEE, GB
- [72] CABE, SERKAN, GB
- [72] HILL, FELIX GEORGE, GB
- [72] ESLAMI, SEYED MOHAMMADALI, GB
- [72] VINYALS, ORIOL, GB
- [71] DEEPMIND TECHNOLOGIES LIMITED, GB
- [85] 2023-10-05
- [86] 2022-06-08 (PCT/EP2022/065502)
- [87] (WO2022/258666)
- [30] GR (20210100374) 2021-06-08

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 3,214,736 [13] A1</p> <p>[51] Int.Cl. G06Q 30/02 (2023.01) G01S 17/89 (2020.01)</p> <p>[25] EN</p> <p>[54] VEHICLE DAMAGE DETECTION SYSTEM AND METHOD</p> <p>[54] SYSTEME ET PROCEDE DE DETECTION D'ENDOMMAGEMENT DE VEHICULE</p> <p>[72] ZYLSTRA, PHILIP, CA</p> <p>[72] GIBSON, MATTHEW JAMES, CA</p> <p>[71] 2872475 ONTARIO LIMITED, CA</p> <p>[85] 2023-10-05</p> <p>[86] 2022-04-25 (PCT/CA2022/050631)</p> <p>[87] (WO2022/226636)</p> <p>[30] US (63/179,575) 2021-04-26</p> <p>[30] US (63/280,352) 2021-11-17</p>	<p style="text-align: right;">[21] 3,214,739 [13] A1</p> <p>[25] EN</p> <p>[54] DPEP-1 BINDING AGENTS AND METHODS OF USE</p> <p>[54] AGENTS DE LIAISON A DPEP-1 ET LEURS METHODES D'UTILISATION</p> <p>[72] TANHA, JAMSHID, CA</p> <p>[72] ROSSOTTI, MARTIN A., CA</p> <p>[72] LAU, ARTHUR, CA</p> <p>[72] MURUVE, DANIEL ABRAHAM, CA</p> <p>[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA</p> <p>[85] 2023-10-05</p> <p>[86] 2022-04-08 (PCT/CA2022/050546)</p> <p>[87] (WO2022/213212)</p> <p>[30] US (63/172,530) 2021-04-08</p>	<p style="text-align: right;">[21] 3,214,741 [13] A1</p> <p>[51] Int.Cl. H04W 12/108 (2021.01) H04W 12/40 (2021.01) H04L 9/40 (2022.01)</p> <p>[25] EN</p> <p>[54] BLOCKCHAIN KEY GENERATION</p> <p>[54] GENERATION DE CLE DE CHAINE DE BLOCS</p> <p>[72] POSCHKE, NILS, GB</p> <p>[72] PALMER, DAVID, GB</p> <p>[72] PRABDIAL, YAKEEM, GB</p> <p>[72] BENTO, JORGE, GB</p> <p>[71] DABCO LIMITED, GB</p> <p>[85] 2023-10-05</p> <p>[86] 2022-04-06 (PCT/GB2022/050857)</p> <p>[87] (WO2022/214803)</p> <p>[30] GB (2105094.3) 2021-04-09</p>
<p style="text-align: right;">[21] 3,214,737 [13] A1</p> <p>[51] Int.Cl. H04W 12/42 (2021.01) H04W 4/38 (2018.01) H04W 4/70 (2018.01) H04W 12/041 (2021.01) H04W 12/047 (2021.01) H04W 12/40 (2021.01)</p> <p>[25] EN</p> <p>[54] BLOCKCHAIN KEY GENERATION</p> <p>[54] GENERATION DE CLE DE CHAINE DE BLOCS</p> <p>[72] POSCHKE, NILS, GB</p> <p>[72] PALMER, DAVID, GB</p> <p>[72] BENTO, JORGE, GB</p> <p>[71] DABCO LIMITED, GB</p> <p>[85] 2023-10-05</p> <p>[86] 2022-04-06 (PCT/GB2022/050856)</p> <p>[87] (WO2022/214802)</p> <p>[30] GB (2105086.9) 2021-04-09</p>	<p style="text-align: right;">[21] 3,214,740 [13] A1</p> <p>[51] Int.Cl. A24F 40/50 (2020.01) H04W 4/80 (2018.01) A24F 40/60 (2020.01) A24F 40/65 (2020.01)</p> <p>[25] EN</p> <p>[54] METHOD OF SELECTING A HEATER POWER SETTING IN AN AEROSOL PROVISION SYSTEM</p> <p>[54] PROCEDE DE SELECTION D'UN REGLAGE DE PUISSANCE DE DISPOSITIF DE CHAUFFAGE DANS UN SYSTEME DE FOURNITURE D'AEROSOL</p> <p>[72] KERSEY, ROBERT, GB</p> <p>[72] BAKER, DARRYL, GB</p> <p>[72] SUTTON, JOSEPH PETER, GB</p> <p>[72] BELL, SALLY, GB</p> <p>[72] YIN, CHRIS, CN</p> <p>[72] ERGUVEN, NEJAT, GB</p> <p>[71] NICOVENTURES TRADING LIMITED, GB</p> <p>[85] 2023-10-05</p> <p>[86] 2022-04-08 (PCT/GB2022/050896)</p> <p>[87] (WO2022/214833)</p> <p>[30] GB (2105120.6) 2021-04-09</p> <p>[30] GB (2105202.2) 2021-04-12</p>	<p style="text-align: right;">[21] 3,214,742 [13] A1</p> <p>[51] Int.Cl. G06F 21/74 (2013.01) H04W 12/043 (2021.01) H04W 12/30 (2021.01) H04W 12/40 (2021.01)</p> <p>[25] EN</p> <p>[54] SIM CRYPTOGRAPHIC KEY STORAGE</p> <p>[54] STOCKAGE DE CLE CRYPTOGRAPHIQUE SIM</p> <p>[72] POSCHKE, NILS, GB</p> <p>[72] PALMER, DAVID, GB</p> <p>[72] BENTO, JORGE, GB</p> <p>[71] DABCO LIMITED, GB</p> <p>[85] 2023-10-05</p> <p>[86] 2022-04-06 (PCT/GB2022/050858)</p> <p>[87] (WO2022/214804)</p> <p>[30] GB (2105090.1) 2021-04-09</p>
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 - [72] GAO, FENG, US
 - [72] RAGLAND, BENJAMIN L., US
 - [72] PHILLIPS, DAVID J., US
 - [72] GRAY, REBECCA M., US
 - [72] MARCQ, PAULINE, US
 - [72] SCHUH, CHRISTIAN, US
 - [72] CAMERON, KRASNODARA N., US
 - [71] ALTRIA CLIENT SERVICES LLC, US
 - [85] 2023-10-05
 - [86] 2021-11-24 (PCT/US2021/060785)
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- [54] ELECTROCHEMICALLY ENHANCED PROCESS FOR NEXT GENERATION CARBON DIOXIDE CAPTURE
- [54] PROCEDE ELECTROCHIMIQUEMENT AMELIORE POUR LA CAPTURE DE DIOXYDE DE CARBONE DE NOUVELLE GENERATION
- [72] SIMONETTI, DANTE, US
- [72] JASSBY, DAVID, US
- [72] SANT, GAURAV, US
- [72] TSENG, YENWEN, US
- [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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- [86] 2022-04-15 (PCT/US2022/025028)
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- [25] EN
- [54] SUBSTITUTED SPIRO DERIVATIVES
- [54] DERIVES SPIRO SUBSTITUES
- [72] QUEROLLE, OLIVIER ALEXIS GEORGES, FR
- [72] DAI, XUEDONG, CN
- [72] CAI, WEI, CN
- [72] THURING, JOHANNES WILHELMUS J., BE
- [72] FANG, LICHAO, CN
- [72] LI, MING, CN
- [72] LIU, LIANZHU, CN
- [72] LIU, YINGTAO, CN
- [72] QIN, LUOHENG, CN
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- [72] XU, YANPING, CN
- [72] ANGIBAUD, PATRICK RENE, FR
- [72] COLOMBEL, HELENE FRANCE SOLANGE, FR
- [72] PILATTE, ISABELLE NOELLE CONSTANCE, FR
- [72] PONCELET, VIRGINIE SOPHIE, FR
- [72] KRAMER, CARSTEN SVEN, BE
- [72] PANDE, VINEET, BE
- [72] DENG, XIANGJUN, CN
- [71] JANSSEN PHARMACEUTICA NV, BE
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- [86] 2022-05-06 (PCT/CN2022/091066)
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 - [25] EN
 - [54] COMBINATION THERAPIES FOR THE TREATMENT OF CANCER
 - [54] POLYTHERAPIES POUR LE TRAITEMENT DU CANCER
 - [72] VON ROEMELING, REINHARD, US
 - [72] UGOLKOV, ANDREY, US
 - [72] MARTELL, ROBERT, US
 - [71] CURIS, INC., US
 - [85] 2023-10-05
 - [86] 2022-02-25 (PCT/US2022/017902)
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- [54] GRANULES D'EDULCORANT ENCAPSULES ET LEURS PROCEDES DE PREPARATION
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- [72] KIEU, ANTHONY H., US
- [72] PHILLIPS, DAVID J., US
- [72] MARCQ, PAULINE, US
- [72] RAGLAND, BENJAMIN L., US
- [72] GRAY, REBECCA M., US
- [71] ALTRIA CLIENT SERVICES LLC, US
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- [86] 2021-11-23 (PCT/US2021/060638)
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 - [54] COMPOSITION DESTINEE A INHIBER UN BIOFILM COMPRENANT LACTOBACILLUS RHAMNOSUS COMME PRINCIPE ACTIF
 - [72] YOO, SUNG CHUL, KR
 - [72] KIM, SEON HWA, KR
 - [72] KIM, DONG YEOP, KR
 - [71] VIXXOL CORPORATION, KR
 - [71] CHR. HANSEN A/S, DK
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- [54] SYSTEME ET PROCEDE D'INSPECTION DE PLANIFICATION STRATEGIQUE DE VOIE ET DE MAINTENANCE
- [72] BRICK, MICHAEL JAMES, US
- [72] MINTON, SAMUEL, US
- [72] PICKARD, CHRISTOPHER NEIL, US
- [72] HUNT, PHILLIP, US
- [72] KLEIN, BENJAMIN, US
- [72] POLISSETTY, FRANCIS, US
- [71] BNSF RAILWAY COMPANY, US
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 - [72] SHOBA, VERONIKA, US
 - [72] DEB, ARGHYA, US
 - [72] NGUYEN, TUAN, US
 - [72] LAI, SOPHIA, US
 - [72] MUNKANATTA GODAGE, DHANUSHKA, US
 - [72] TIWARI, PRAVEEN, US
 - [72] MODELL, ASHLEY, US
 - [72] SIRIWARDENA, SACHINI, US
 - [71] THE BROAD INSTITUTE, INC., US
 - [71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
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 - [86] 2022-04-08 (PCT/US2022/024120)
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 - [30] US (63/173,351) 2021-04-09
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- [54] AGGLOMERATS CONTENANT DE LA NICOTINE ET PROCEDES POUR LEUR FORMATION
- [72] ZHUANG, SHUZHONG, US
- [72] TRAN, VALERIE L., US
- [72] YU, SHAOYONG, US
- [71] ALTRIA CLIENT SERVICES LLC, US
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 - [54] DOSAGE D'ACTIVATEUR DE LYMPHOCYTES T BISPECIFIQUES
 - [72] SMITH, VICTORIA, US
 - [71] ANJI BRUNO, LLC, US
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 - [54] DISPOSITIF DE PRODUCTION D'ELECTRICITE
 - [72] MARIOTTI, TULLIO, IT
 - [71] MARIOTTI, GIAN LUCA, IT
 - [71] MARIOTTI, TULLIO, IT
 - [85] 2023-10-05
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- [54] PROCEDE D'IDENTIFICATION D'ANTICORPS A PARTIR DE MELANGES DE PROTEINES
- [72] CASTELLANA, NATALIE, US
- [72] BONISONE, STEFANO, US
- [72] PATEL, ANAND, US
- [71] ABTERRA BIOSCIENCES, INC., US
- [85] 2023-10-05
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 - [25] EN
 - [54] MEASURING URINE PRODUCTION AND OTHER URINE-RELATED PARAMETERS
 - [54] MESURE DE LA PRODUCTION D'URINE ET D'AUTRES PARAMETRES ASSOCIES A L'URINE
 - [72] LEVINE, NOAM, IL
 - [72] KOLODNY, YUVAL, IL
 - [72] HERMANN, BARUCH YEHUDA, IL
 - [71] FIZE MEDICAL LTD., IL
 - [85] 2023-09-19
 - [86] 2022-04-14 (PCT/IB2022/053520)
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 - [72] CHAHINE, TONY, CA
 - [72] ALIZADEH-MEGHRAZI, MILAD, CA
 - [72] ESKANDARIAN, LADAN, CA
 - [72] GOLMOHAMMADI ROSTAMI, SAHAR, CA
 - [72] AMADIO, SAMUELE, IT
 - [71] MYANT INC., CA
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 - [25] EN
 - [54] CHITOSAN-CONTAINING NANOPARTICLES FOR DELIVERY OF POLYNUCLEOTIDES
 - [54] NANOParticules contenant du chitosane pour administration de polynucléotides
 - [72] TIERA, MARCIO JOSE, BR
 - [72] FERNANDES, JULIO CESAR, CA
 - [72] MARTINEZ JUNIOR, ANDRE MIGUEL, BR
 - [72] VIEGAS DE SOUZA, RICCHARD HALLAN FELIX, BR
 - [72] BENDERDOUR, MOHAMED, CA
 - [72] VALLIERES, FRANCIS, CA
 - [71] VALORISATION RECHERCHE HSCM, LIMITED PARTNERSHIP, CA
 - [71] UNESP UNIVERSIDADE ESTADUAL PAULISTA "JULIO DE MESQUITA FILHO" (STATE UNIVERSITY), BR
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 - [25] EN
 - [54] METHOD FOR ELECTROCHEMICAL GAS SEPARATION
 - [54] PROCEDE DE SEPARATION DE GAZ ELECTROCHIMIQUE
 - [72] VOSKIAN, SAHAG, US
 - [72] REATH, ALEXANDER, US
 - [72] ROGERS, CAMERON, US
 - [72] MURRAY, ALEX, US
 - [72] OH, SEOKJOON, US
 - [71] VERDOX, INC., US
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 - [25] EN
 - [54] PERCEPTION MODULE FOR A MOBILE MANIPULATOR ROBOT
 - [54] MODULE DE PERCEPTION POUR ROBOT MANIPULATEUR MOBILE
 - [72] TURPIN, MATTHEW, US
 - [72] PERKINS, ALEX, US
 - [72] MURPHY, MICHAEL, US
 - [72] MULSHINE, LIAM, US
 - [72] USHANI, ARASH, US
 - [72] ZELNICK, BENJAMIN, US
 - [71] BOSTON DYNAMICS, INC., US
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 - [87] (WO2022/204025)
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- [25] EN
- [54] METHODS, DEVICES AND SYSTEMS FOR HARQ FEEDBACK DISABLING
- [54] PROCEDES, DISPOSITIFS ET SYSTEMES POUR DESACTIVER UNE RETROACTION DE HARQ
- [72] CUI, FANGYU, CN
- [72] ZHANG, NAN, CN
- [72] DAI, JIANQIANG, CN
- [71] ZTE CORPORATION, CN
- [85] 2023-09-25
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 - [25] EN
 - [54] AN INTEGRATED MOBILE MANIPULATOR ROBOT WITH ACCESSORY INTERFACES
 - [54] ROBOT MANIPULATEUR MOBILE INTEGRE DOTE D'INTERFACES POUR ACCESSOIRES
 - [72] MEDUNA, MATTHEW PAUL, US
 - [72] MURPHY, MICHAEL, US
 - [72] DIAZ-LANKENAU, GUILLERMO, US
 - [72] HAMILTON, CHRIS, US
 - [72] SAUNDERS, JOHN AARON, US
 - [71] BOSTON DYNAMICS, INC., US
 - [85] 2023-09-25
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 - [25] EN
 - [54] A COMBINED PROCESS OF HYDROLYSIS AND ESTERIFICATION OF WOOD
 - [54] PROCEDE COMBINE D'HYDROLYSE ET D'ESTERIFICATION DE BOIS
 - [72] KLAAS, PETER, DK
 - [71] KLAAS, PETER, DK
 - [85] 2023-09-25
 - [86] 2022-03-25 (PCT/DK2022/050060)
 - [87] (WO2022/199774)
 - [30] DK (PA 2021 70141) 2021-03-25
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 - [54] GRIPPING DEVICE AND SYSTEM COMPRISING A GRIPPING DEVICE
 - [54] DISPOSITIF DE PREHENSION ET SYSTEME COMPRENANT UN DISPOSITIF DE PREHENSION
 - [72] ILGENFRITZ, MARKUS, DE
 - [72] KRAUSS, ULRICH, DE
 - [72] NAGLER, STEFAN, DE
 - [72] STEGMEIER, SAMUEL, DE
 - [71] SYNTEGON TECHNOLOGY GMBH, DE
 - [85] 2023-10-06
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 - [25] EN
 - [54] A RESPIRATORY HUMIDIFYING DEVICE AND A METHOD OF OPERATION
 - [54] DISPOSITIF D'HUMIDIFICATION RESPIRATOIRE ET PROCEDE DE FONCTIONNEMENT
 - [72] AL-JUMAILY, AHMED, NZ
 - [72] MCAULEY, ALASTAIR, NZ
 - [72] GRAU-BARTUAL, SANDRA, NZ
 - [71] AUT VENTURES LIMITED, NZ
 - [85] 2023-09-25
 - [86] 2022-03-23 (PCT/NZ2022/050033)
 - [87] (WO2022/203522)
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 - [25] EN
 - [54] METHOD FOR PRODUCING A SYNTHESIS GAS MIXTURE
 - [54] PROCEDE DE PRODUCTION D'UN MELANGE DE GAZ DE SYNTHESE
 - [72] BADER, ANDRE, DE
 - [72] GALL, MARTIN, DE
 - [71] BASF SE, DE
 - [85] 2023-09-25
 - [86] 2022-03-24 (PCT/EP2022/057835)
 - [87] (WO2022/200532)
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 - [25] EN
 - [54] MOLECULAR SUBTYPING OF COLORECTAL LIVER METASTASES TO PERSONALIZE TREATMENT APPROACHES
 - [54] SOUS-TYPAGE MOLECULAIRE DE METASTASES HEPATIQUES COLORECTALES POUR PERSONNALISER DES APPROCHES DE TRAITEMENT
 - [72] PITRODA, SEAN, US
 - [72] POSNER, MITCHELL, US
 - [72] WEICHSELBAUM, RALPH, US
 - [72] TALAMONTI, MARK, US
 - [71] THE UNIVERSITY OF CHICAGO, US
 - [71] NORTHSORE UNIVERSITY HEALTHSYSTEM, US
 - [85] 2023-09-25
 - [86] 2022-03-25 (PCT/US2022/021978)
 - [87] (WO2022/204530)
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- [25] EN
- [54] SYSTEM AND METHODS FOR MOUNTING AND DEMOUNTING A LINER ELEMENT TO A MILL SHELL OF A MILL
- [54] SYSTEME ET PROCEDES DE MONTAGE ET DE DEMONTAGE D'UN ELEMENT DE REVETEMENT SUR UNE COQUE DE BROYEUR D'UN BROYEUR
- [72] LE CRAS, JARED, AU
- [71] METSO FINLAND OY, FI
- [85] 2023-09-25
- [86] 2022-06-09 (PCT/EP2022/065699)
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- [54] LIQUID MEDIUM FOR BUBBLE FORMATION DURING LASER LITHOTRIPSY
- [54] MILIEU LIQUIDE DESTINE A LA FORMATION DE BULLES PENDANT UNE LITHOTRIPSIE AU LASER
- [72] PELED, OMER, IL
- [72] KHACHATUROV, ARKADY, IL
- [71] LUMENIS LTD., IL
- [85] 2023-09-25
- [86] 2022-04-01 (PCT/IB2022/053065)
- [87] (WO2022/208462)
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- [25] EN
- [54] SAFETY SYSTEMS AND METHODS FOR AN INTEGRATED MOBILE MANIPULATOR ROBOT
- [54] SYSTEMES ET PROCEDES DE SECURITE POUR UN ROBOT MANIPULATEUR MOBILE INTEGRE
- [72] MURPHY, MICHAEL, US
- [72] VICENTINI, FEDERICO, US
- [72] MEDUNA, MATTHEW PAUL, US
- [71] BOSTON DYNAMICS, INC., US
- [85] 2023-09-25
- [86] 2022-03-21 (PCT/US2022/021144)
- [87] (WO2022/204028)
- [30] US (63/166,875) 2021-03-26
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- [25] EN
- [54] AIR SEEDER ROW UNITS, SEEDING IMPLEMENTS, AND RELATED METHODS
- [54] UNITES DE RANGEE DE SEMOIR PNEUMATIQUE, OUTILS DE SEMIS ET PROCEDES ASSOCIES
- [72] FRANK, WILLIAM, US
- [71] PRECISION PLANTING LLC, US
- [85] 2023-09-25
- [86] 2022-04-05 (PCT/IB2022/053165)
- [87] (WO2022/238775)
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- [25] EN
- [54] CROP MONITORING SYSTEM AND METHOD
- [54] SYSTEME ET PROCEDE DE SURVEILLANCE DES CULTURES
- [72] GODBOLE, RAVINDRA, US
- [72] GOEBEL, DARREN, US
- [71] AGCO CORPORATION, US
- [85] 2023-09-25
- [86] 2022-04-13 (PCT/IB2022/053484)
- [87] (WO2022/234370)
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- [25] EN
- [54] CDK8/19 INHIBITORS FOR THE TREATMENT OF CYTOKINE STORM
- [54] INHIBITEURS DE CDK8/19 POUR LE TRAITEMENT D'ORAGE CYTOKINIQUE
- [72] RONINSON, IGOR B., US
- [72] BROUDE, EUGENIA V., US
- [72] CHEN, MENGQIAN, US
- [71] UNIVERSITY OF SOUTH CAROLINA, US
- [71] SENEX BIOTECHNOLOGY, INC, US
- [85] 2023-09-25
- [86] 2022-03-25 (PCT/US2022/021983)
- [87] (WO2022/204534)
- [30] US (63/165,877) 2021-03-25
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- [25] EN
- [54] EDUCATIONAL STRING INSTRUMENT
- [54] INSTRUMENT A CORDES EDUCATIF
- [72] KIM, MINHONG, KR
- [71] KIM, MINHONG, KR
- [85] 2023-09-25
- [86] 2021-06-30 (PCT/KR2021/008240)
- [87] (WO2022/203124)
- [30] KR (10-2021-0039537) 2021-03-26
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- [25] EN
- [54] NON-AQUEOUS ELECTROLYTE SOLUTION FOR LITHIUM SECONDARY BATTERY AND LITHIUM SECONDARY BATTERY INCLUDING THE SAME
- [54] SOLUTION ELECTROLYTIQUE NON AQUEUSE POUR BATTERIE SECONDAIRE AU LITHIUM, ET BATTERIE SECONDAIRE AU LITHIUM LA COMPRENANT
- [72] KIM, HA EUN, KR
- [72] OH, JEONG WOO, KR
- [72] LEE, CHUL HAENG, KR
- [71] LG ENERGY SOLUTION, LTD., KR
- [85] 2023-09-25
- [86] 2022-09-22 (PCT/KR2022/014142)
- [87] (WO2023/048473)
- [30] KR (10-2021-0127159) 2021-09-27
- [30] KR (10-2022-0119103) 2022-09-21

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[54] AN INTEGRATED MOBILE MANIPULATOR ROBOT

[54] ROBOT MANIPULATEUR MOBILE INTEGRE

[72] MURPHY, MICHAEL, US

[72] ZELNICK, BENJAMIN, US

[72] HANSEN, MALIK, US

[72] CHERNYAK, VADIM, US

[72] THORNE, CHRISTOPHER EVERETT, US

[72] PERKINS, ALEX, US

[71] BOSTON DYNAMICS, INC., US

[85] 2023-09-25

[86] 2022-03-21 (PCT/US2022/021143)

[87] (WO2022/204027)

[30] US (63/166,780) 2021-03-26

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[13] A1

[51] Int.Cl. C07D 487/04 (2006.01) C07D 207/273 (2006.01) C12P 7/62 (2022.01)

[25] EN

[54] PROCESSES FOR MAKING BICYCLIC KETONE COMPOUNDS

[54] PROCEDES DE FABRICATION DE COMPOSES CETONIQUES BICYCLIQUES

[72] HONG, ALLEN Y., US

[72] WONG, NICHOLAS, US

[72] KELLY, SEAN M., US

[72] SIROIS, LAUREN ELIZABETH, US

[72] SCHWEGLER, SARA, CH

[72] LINGHU, XIN, US

[72] GOSSELIN, FRANCIS, US

[72] PIECHOWICZ, KATARZYNA ALEKSANDRA, US

[72] MOLINARO, CARMELA, US

[72] WETZL, DENNIS, CH

[71] GENENTECH, INC., US

[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2023-09-25

[86] 2022-04-01 (PCT/US2022/022997)

[87] (WO2022/212809)

[30] US (63/170,422) 2021-04-02

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[51] Int.Cl. G08B 21/00 (2006.01) G08B 21/18 (2006.01)

[25] EN

[54] DYNAMIC THRESHOLDS TO IDENTIFY SUCCESSIVE ALERTS

[54] SEUILS DYNAMIQUES POUR IDENTIFIER DES ALERTES SUCCESSIVES

[72] GUPTA, SHREYA, US

[72] GULLIKSON, KEVIN, US

[71] SPARKCOGNITION, INC., US

[85] 2023-09-25

[86] 2022-03-23 (PCT/US2022/071283)

[87] (WO2022/204694)

[30] US (63/166,529) 2021-03-26

[30] US (17/654,191) 2022-03-09

[21] **3,214,804**
[13] A1

[51] Int.Cl. F16B 13/14 (2006.01) E04B 1/26 (2006.01) E04C 3/00 (2006.01) E04C 3/18 (2006.01) F16B 11/00 (2006.01)

[25] EN

[54] SYSTEM FOR FILLING VOIDS IN GLUED-IN-ROD STRUCTURES

[54] SYSTEME DE REMPLISSAGE DE VIDES DANS DES STRUCTURES A TIGE COLLEE A L'INTERIEUR

[72] PRYOR, STEVEN E., US

[72] MONTAGUE, EMORY L., US

[72] ANDERSON, GUY T., US

[72] HIBBEN, QUENTIN, US

[72] CLARK, COREY, US

[72] RODRIGUEZ, MARLOU, US

[72] DAUDET, RANDY, US

[72] LEICHTI, ROBERT, US

[72] MCENTEE, PAUL, US

[71] SIMPSON STRONG-TIE COMPANY, INC., US

[85] 2023-09-25

[86] 2022-04-01 (PCT/US2022/023077)

[87] (WO2022/212861)

[30] US (63/169,726) 2021-04-01

[30] US (17/711,466) 2022-04-01

[21] **3,214,806**
[13] A1

[51] Int.Cl. C07D 401/14 (2006.01) A61K 31/45 (2006.01) A61P 35/00 (2006.01) C07D 471/04 (2006.01) C07D 487/10 (2006.01)

[25] EN

[54] MODULATORS OF BCL6 PROTEOLYSIS AND ASSOCIATED METHODS OF USE

[54] MODULATEURS DE PROTEOLYSE BCL6 ET PROCEDES D'UTILISATION ASSOCIES

[72] BERLIN, MICHAEL, US

[72] DONG, HANQING, US

[72] SHERMAN, DAN, US

[72] SNYDER, LAWRENCE B., US

[72] WANG, JING, US

[72] ZHANG, WEI, US

[71] ARVINAS OPERATIONS, INC., US

[85] 2023-09-25

[86] 2022-04-15 (PCT/US2022/025041)

[87] (WO2022/221673)

[30] US (63/175,678) 2021-04-16

[21] **3,214,808**
[13] A1

[51] Int.Cl. C07D 519/00 (2006.01) A61K 31/407 (2006.01) A61P 29/00 (2006.01) C07D 495/04 (2006.01)

[25] EN

[54] THIENOPYRROLE COMPOUNDS

[54] COMPOSES DE THIENOPYRROLE

[72] AMMANN, STEPHEN E., US

[72] CANALES, EDA Y., US

[72] CHANG, WENG K., US

[72] KINFE, HENOK H., US

[72] LAZERWITH, SCOTT E., US

[72] MITCHELL, MICHAEL L., US

[72] MOAZAMI, YASAMIN, US

[72] SCHROEDER, SCOTT D., US

[72] SHORE, DANIEL G., US

[72] SWANK, CHRISTOPHER J., US

[71] GILEAD SCIENCES, INC., US

[85] 2023-09-25

[86] 2022-04-15 (PCT/US2022/024984)

[87] (WO2022/221642)

[30] US (63/176,109) 2021-04-16

[30] US (63/216,418) 2021-06-29

[30] US (63/305,610) 2022-02-01

PCT Applications Entering the National Phase

[21] 3,214,809

[13] A1

- [51] Int.Cl. G16H 20/17 (2018.01) G16H 30/40 (2018.01) G16H 50/20 (2018.01) G16H 50/50 (2018.01)
- [25] EN
- [54] TREATMENT OUTCOME PREDICTION FOR NEOVASCULAR AGE-RELATED MACULAR DEGENERATION USING BASELINE CHARACTERISTICS
- [54] PREDICTION DE RESULTAT DE TRAITEMENT DE LA DEGENERESCENCE MACULAIRE LIEE A L'AGE NEOVASCULAIRE A L'AIDE DE CARACTERISTIQUES DE LIGNE DE BASE
- [72] ANEGONDI, NEHA SUTHEEKSHNA, US
- [72] DAI, JIAN, US
- [72] KAWCZYNSKI, MICHAEL GREGG, US
- [72] KIKUCHI, YUSUKE, US
- [71] GENENTECH, INC., US
- [85] 2023-09-25
- [86] 2022-04-07 (PCT/US2022/023931)
- [87] (WO2022/217001)
- [30] US (63/172,063) 2021-04-07

[21] 3,214,812

[13] A1

- [51] Int.Cl. E04F 15/02 (2006.01)
- [25] EN
- [54] A BUILDING PANEL OR SET OF BUILDING PANELS AND LOCKING DEVICES THEREFORE
- [54] PANNEAU DE CONSTRUCTION OU ENSEMBLE DE PANNEAUX DE CONSTRUCTION ET DISPOSITIFS DE VERROUILLAGE POUR CEUX-CI
- [72] BOO, CHRISTIAN, SE
- [71] VALINGE INNOVATION AB, SE
- [85] 2023-09-25
- [86] 2022-03-31 (PCT/SE2022/050322)
- [87] (WO2022/211719)
- [30] SE (2150420-4) 2021-04-01
- [30] SE (2150478-2) 2021-04-16

[21] 3,214,814

[13] A1

- [51] Int.Cl. A61F 2/00 (2006.01) A61F 2/26 (2006.01)
- [25] EN
- [54] PUMP ASSEMBLY FOR AN IMPLANTABLE INFLATABLE DEVICE
- [54] ENSEMBLE POMPE POUR DISPOSITIF GONFLABLE IMPLANTABLE
- [72] SMITH, NOEL, IE
- [72] MAILE, KEITH R., US
- [72] ALBRECHT, THOMAS ANDREW, US
- [72] NOLAN, DARAGH, IE
- [72] WATSCHKE, BRIAN P., US
- [72] SINNOTT, THOMAS, IE
- [72] PERCY, RICHARD, IE
- [72] JOHNSON, BRYAN DUANE, US
- [72] NORRIS, LAURENCE, IE
- [72] GILDEA, JOHN, IE
- [72] MARCOS LARANGEIRA, EDUARDO, IE
- [71] BOSTON SCIENTIFIC SCIMED, INC., US
- [85] 2023-09-25
- [86] 2022-03-23 (PCT/US2022/071294)
- [87] (WO2022/204698)
- [30] US (63/200,737) 2021-03-25
- [30] US (17/655,937) 2022-03-22

[21] 3,214,815

[13] A1

- [51] Int.Cl. A61M 16/10 (2006.01)
- [25] EN
- [54] REMOVEABLE RESPIRATORY HUMIDIFYING DEVICE MODULE
- [54] MODULE DE DISPOSITIF D'HUMIDIFICATION RESPIRATOIRE AMOVIBLE
- [72] AL-JUMAILY, AHMED, NZ
- [72] GRAU-BARTUAL, SANDRA, NZ
- [72] FIELDING, MICHAEL, NZ
- [72] CUNNINGHAM, HELEN JEAN, NZ
- [71] AUT VENTURES LIMITED, NZ
- [85] 2023-09-25
- [86] 2022-03-23 (PCT/NZ2022/050034)
- [87] (WO2022/203523)
- [30] AU (2021900849) 2021-03-23
- [30] AU (2021900851) 2021-03-23

[21] 3,214,816

[13] A1

- [51] Int.Cl. A61G 7/10 (2006.01)
- [25] EN
- [54] A PATIENT TRANSFER DEVICE
- [54] DISPOSITIF DE TRANSFERT DE PATIENT
- [72] JONSSON, JORGEN, SE
- [72] NADEAU, MATHIEU, CA
- [72] LUNDQUIST, ANDERS, SE
- [72] GIRARD, ALEXANDRE, CA
- [72] PROVOST, PHILIPPE-OLIVIER, CA
- [72] CALON DE MONET DE LAMARCK, DONATIEN, FR
- [71] ARJO IP HOLDING AKTIEBOLAG, SE
- [85] 2023-09-25
- [86] 2022-04-01 (PCT/SE2022/050327)
- [87] (WO2022/216201)
- [30] SE (2150445-1) 2021-04-09
- [30] SE (2150950-0) 2021-07-15

[21] 3,214,818

[13] A1

- [51] Int.Cl. A61G 7/10 (2006.01) B60B 33/02 (2006.01)
- [25] EN
- [54] BRAKE ASSEMBLY OF A TRANSPORTING MEANS FOR A PATIENT HANDLING APPARATUS
- [54] ENSEMBLE DE FREINAGE D'UN MOYEN DE TRANSPORT POUR UN APPAREIL DE MANIPULATION DE PATIENT
- [72] CUSTEAU-BOISCLAIR, OLIVIER, CA
- [72] FAUCHER, MARTIN, CA
- [71] ARJO IP HOLDING AKTIEBOLAG, SE
- [85] 2023-09-25
- [86] 2022-04-05 (PCT/SE2022/050340)
- [87] (WO2022/216206)
- [30] SE (2150430-3) 2021-04-07

Demandes PCT entrant en phase nationale

[21] 3,214,819

[13] A1

- [51] Int.Cl. C12Q 1/6886 (2018.01)
- [25] EN
- [54] PROTEIN MARKERS FOR ESTROGEN RECEPTOR (ER)-POSITIVE LUMINAL A(LA)-LIKE AND LUMINAL B1 (LB1)-LIKE BREAST CANCER**
- [54] MARQUEURS PROTEIQUES POUR UN CANCER DU SEIN POSITIF AU RECEPTEUR DES ?STROGENES (ER) DE TYPE LUMINAL A (LA) ET DE TYPE LUMINAL B1 (LB1)**
- [72] WANG, GUISONG, US
- [72] HOOKE, JEFFERY A., US
- [72] CAMPBELL, JAMIE LEIGH, US
- [72] CUTLER, MARY L., US
- [72] SHRIVER, CRAIG D., US
- [72] KIEBISH, MICHAEL ANDREW, US
- [72] KOVATICH, ALBERT JOHN, US
- [72] SHAH, PUNIT, US
- [72] NARAIN, NIVEN RAJIN, US
- [72] SARANGARAJAN, RANGAPRASAD, US
- [72] HU, HAI, US
- [71] BPGBIO, INC., US
- [71] THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC., US
- [71] WINDBER RESEARCH INSTITUTE, US
- [85] 2023-10-06
- [86] 2022-04-06 (PCT/US2022/023695)
- [87] (WO2022/216841)
- [30] US (63/171,546) 2021-04-06

[21] 3,214,821

[13] A1

- [51] Int.Cl. C12Q 1/6886 (2018.01)
- [25] EN
- [54] PROTEIN MARKERS FOR ESTROGEN RECEPTOR (ER)-POSITIVE-LIKE AND ESTROGEN RECEPTOR (ER)-NEGATIVE-LIKE BREAST CANCER**
- [54] MARQUEURS PROTEIQUES POUR LE CANCER DU SEIN DU TYPE POSITIF AUX RECEPTEURS DES OESTROGENES (ER) ET DU TYPE NEGATIF AUX RECEPTEURS DES OESTROGENES (ER)**
- [72] WANG, GUISONG, US
- [72] HOOKE, JEFFREY A., US
- [72] CAMPBELL, JAMIE LEIGH, US
- [72] CUTLER, MARY L., US
- [72] SHRVER, CRAIG D., US
- [72] KIEBISH, MICHAEL ANDREW, US
- [72] KOVATICH, ALBERT JOHN, US
- [72] SHAH, PUNIT, US
- [72] NARAIN, NIVEN RAJIN, US
- [72] SARANGARAJAN, RANGAPRASAD, US
- [72] HU, HAI, US
- [71] BPGBIO, INC., US
- [71] THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC., US
- [71] WINDBER RESEARCH INSTITUTE, US
- [85] 2023-10-06
- [86] 2022-04-06 (PCT/US2022/023700)
- [87] (WO2022/216846)
- [30] US (63/171,547) 2021-04-06

[21] 3,214,823

[13] A1

- [51] Int.Cl. G05B 19/418 (2006.01)
- [25] EN
- [54] OPTIMIZING MANUFACTURING PLANT DEVICES**
- [54] OPTIMISATION DE DISPOSITIFS D'USINE DE FABRICATION**
- [72] LEUK, PATRICK, AT
- [72] GISSING, VERENA, AT
- [71] ANDRITZ INC., US
- [85] 2023-09-25
- [86] 2021-03-24 (PCT/US2021/023952)
- [87] (WO2022/203670)

[21] 3,214,826

[13] A1

- [51] Int.Cl. G02B 30/34 (2020.01)
- [25] EN
- [54] DIRECT PROJECTION MULTIPLEXED LIGHT FIELD DISPLAY**
- [54] AFFICHAGE DE CHAMP LUMINEUX MULTIPLEXE PAR PROJECTION DIRECTE**
- [72] PECKHAM, JORDAN, CA
- [72] WEBBER, DANIEL, CA
- [72] HAAS, WALLY, CA
- [71] AVALON HOLOGRAPHICS INC., CA
- [85] 2023-10-06
- [86] 2021-04-23 (PCT/CA2021/050562)
- [87] (WO2022/221933)

[21] 3,214,827

[13] A1

- [51] Int.Cl. H04W 76/12 (2018.01) H04W 76/22 (2018.01) H04W 76/36 (2018.01) G06F 16/27 (2019.01)
- [25] EN
- [54] REROUTING RESOURCES FOR MANAGEMENT PLATFORMS**
- [54] RESSOURCES DE REROUTAGE POUR PLATEFORMES DE GESTION**
- [72] DANIELS, KEVIN, US
- [71] POLLEN, INC., US
- [85] 2023-09-25
- [86] 2021-06-01 (PCT/US2021/035288)
- [87] (WO2021/243339)
- [30] US (62/704,819) 2020-05-29
- [30] US (63/032,086) 2020-05-29
- [30] US (17/334,102) 2021-05-28
- [30] US (17/334,124) 2021-05-28

[21] 3,214,822

[13] A1

- [51] Int.Cl. C12Q 1/6886 (2018.01) C12Q 1/68 (2018.01)
- [25] EN
- [54] ONCOLOGIC VARIATIONS ASSOCIATED WITH CANCER AND METHODS OF TREATMENT**
- [54] VARIATIONS ONCOLOGIQUES ASSOCIEES AU CANCER ET METHODES DE TRAITEMENT**
- [72] GARYANTES, TINA, US
- [72] MOONEY, PATRICK, US
- [72] NATALE, CHRISTOPHER, US
- [71] LINNAEUS THERAPEUTICS, INC., US
- [85] 2023-10-06
- [86] 2022-04-07 (PCT/US2022/023768)
- [87] (WO2022/216893)
- [30] US (63/172,485) 2021-04-08

PCT Applications Entering the National Phase

[21] 3,214,828

[13] A1

- [51] Int.Cl. A61F 2/00 (2006.01) A61F 2/26 (2006.01) A61F 2/48 (2006.01)
- [25] EN
- [54] FLUID CONTROL SYSTEM FOR AN IMPLANTABLE INFLATABLE DEVICE
- [54] SYSTEME DE COMMANDE DE FLUIDE POUR UN DISPOSITIF GONFLABLE IMPLANTABLE
- [72] GILDEA, JOHN, IE
- [72] SMITH, NOEL, IE
- [72] MARCOS LARANGEIRA, EDUARDO, IE
- [72] SINNOTT, THOMAS, IE
- [72] WATSCHKE, BRIAN P., US
- [72] NOLAN, DARAGH, IE
- [72] BORGOS, NATALIE ANN, US
- [71] BOSTON SCIENTIFIC SCIMED, INC., US
- [85] 2023-09-25
- [86] 2022-03-23 (PCT/US2022/071295)
- [87] (WO2022/204699)
- [30] US (63/200,738) 2021-03-25
- [30] US (17/655,952) 2022-03-22

[21] 3,214,830

[13] A1

- [51] Int.Cl. C01B 32/205 (2017.01) H01M 4/133 (2010.01) H01M 4/1393 (2010.01) C01B 32/215 (2017.01) B01J 31/22 (2006.01)
- [25] EN
- [54] COMPOSITION OF MATTER FOR THE PRODUCTION OF GRAPHITE POWDER
- [54] COMPOSITION DE MATIERE DESTINEE A LA PRODUCTION DE POUDRE DE GRAPHITE
- [72] BADENHORST, HEINRICH, NZ
- [71] CARBONSCAPE LIMITED, NZ
- [85] 2023-10-06
- [86] 2021-08-25 (PCT/NZ2021/050146)
- [87] (WO2022/225405)
- [30] US (63/177,705) 2021-04-21

[21] 3,214,831

[13] A1

- [51] Int.Cl. A61F 2/00 (2006.01)
- [25] EN
- [54] FLUID CONTROL SYSTEM FOR AN IMPLANTABLE INFLATABLE DEVICE
- [54] SYSTEME DE CONTROLE FLUIDIQUE POUR UN DISPOSITIF GONFLABLE IMPLANTABLE
- [72] NOLAN, DARAGH, IE
- [72] WATSCHKE, BRIAN P., US
- [72] SMITH, NOEL, IE
- [72] SWEENEY, MOIRA B., US
- [72] FEWER, PETER, IE
- [72] SINNOTT, THOMAS, IE
- [72] PERCY, RICHARD, IE
- [72] BORGOS, NATALIE ANN, US
- [72] MARCOS LARANGEIRA, EDUARDO, IE
- [72] GILDEA, JOHN, IE
- [72] MAREENA, EVANIA ANN, IE
- [71] BOSTON SCIENTIFIC SCIMED, INC., US
- [85] 2023-09-25
- [86] 2022-03-23 (PCT/US2022/071296)
- [87] (WO2022/204700)
- [30] US (63/200,739) 2021-03-25
- [30] US (17/655,958) 2022-03-22

[21] 3,214,833

[13] A1

- [51] Int.Cl. C12Q 1/6886 (2018.01)
- [25] EN
- [54] PROTEIN MARKERS FOR THE PROGNOSIS OF BREAST CANCER PROGRESSION
- [54] MARQUEURS PROTEIQUES POUR LE PRONOSTIC DE LA PROGRESSION DU CANCER DU SEIN
- [72] KIEBISH, MICHAEL ANDREW, US
- [72] KOVATICH, ALBERT JOHN, US
- [72] SHAH, PUNIT, US
- [72] NARAIN, NIVEN RAJIN, US
- [72] SARANGARAJAN, RANGAPRASAD, US
- [72] WANG, GUISONG, US
- [72] HOOKE, JEFFERY A., US
- [72] HU, HAI, US
- [72] CAMPBELL, JAMIE LEIGH, US
- [72] CUTLER, MARY L., US
- [72] SHRIVER, CRAIG D., US
- [71] BPGBIO, INC., US
- [71] THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC., US
- [71] WINDBER RESEARCH INSTITUTE, US
- [85] 2023-10-06
- [86] 2022-04-06 (PCT/US2022/023633)
- [87] (WO2022/216798)
- [30] US (63/171,543) 2021-04-06

Demandes PCT entrant en phase nationale

[21] 3,214,834
[13] A1

- [51] Int.Cl. F16L 55/16 (2006.01) F16L 55/162 (2006.01) F16L 55/163 (2006.01) F16L 55/165 (2006.01) F16L 55/18 (2006.01) F16L 55/40 (2006.01)
 - [25] EN
 - [54] CARRIER ASSEMBLY SYSTEMS, METHODS, AND APPARATUS FOR REPAIRING PIPES IN SITU
 - [54] SYSTEMES D'ENSEMBLE PORTEUR, PROCEDES ET APPAREIL POUR REPARER DES TUYAUX IN SITU
 - [72] SHORT, MATT S., US
 - [72] GREGER, MATTHEW R., US
 - [72] OLLESTAD, ARILD, US
 - [72] DROBNY, SHAWN, US
 - [72] SPOERL, JEFF A., US
 - [72] RAPHAEL, ANTHONY C., US
 - [72] JOHNSON, JIMMY G., US
 - [72] RIVAS, MARIO, US
 - [72] BAUER, CHRIS M., US
 - [72] HUTTON, JESSE B., US
 - [72] ROUNDS, LEWIS H., US
 - [72] SCHUE, JOHN, US
 - [72] ALTADONNA, SHEA M., US
 - [72] STANLEY, CALEB M., US
 - [72] NEWBIGGING, JAYME K., US
 - [72] WILLIAMSON, GEORGE, US
 - [71] BALLARD MARINE CONSTRUCTION, LLC, US
 - [85] 2023-09-25
 - [86] 2022-03-24 (PCT/US2022/071332)
 - [87] (WO2022/204712)
 - [30] US (63/166,855) 2021-03-26
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[21] 3,214,837
[13] A1

- [51] Int.Cl. C10G 9/36 (2006.01)
- [25] EN
- [54] THERMAL CONVERSION OF HEAVY HYDROCARBONS TO MESOPHASE PITCH
- [54] CONVERSION THERMIQUE D'HYDROCARBURES LOURDS EN BRAI MESOPHASE
- [72] LIU, YIFEI, US
- [72] COHN, STEPHEN T., US
- [72] YEH, JEFFREY C., US
- [72] XU, TENG, US
- [71] EXXONMOBIL CHEMICAL PATENTS INC., US
- [85] 2023-10-06
- [86] 2022-04-06 (PCT/US2022/023706)
- [87] (WO2022/216850)
- [30] US (63/172,340) 2021-04-08

[21] 3,214,838
[13] A1

- [25] EN
 - [54] INFORMATION PROCESSING METHOD, INFORMATION PROCESSING DEVICE, AND PROGRAM
 - [54] PROCEDE DE TRAITEMENT D'INFORMATIONS, DISPOSITIF DE TRAITEMENT D'INFORMATIONS ET PROGRAMME
 - [72] INOUE, HARUHISA, JP
 - [72] KONDŌ, TAKAYUKI, JP
 - [72] IKEUCHI, TAKESHI, JP
 - [71] KYOTO UNIVERSITY, JP
 - [85] 2023-10-06
 - [86] 2022-04-12 (PCT/JP2022/017576)
 - [87] (WO2022/220236)
 - [30] US (63/174,500) 2021-04-13
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[21] 3,214,841
[13] A1

- [51] Int.Cl. F04D 29/053 (2006.01)
- [25] EN
- [54] HIGH ROTATIONAL SPEED ROTOR AND TURBOCOMPRESSOR COMPRISING THE SAME
- [54] ROTOR A GRANDE VITESSE DE ROTATION ET TURBOCOMPRESSEUR LE COMPRENANT
- [72] SCHIFFMANN, JURG, CH
- [72] OLMEDO, LUIS ERIC, CH
- [71] CLIMAT GESTION SA, CH
- [85] 2023-10-06
- [86] 2021-04-19 (PCT/IB2021/053199)
- [87] (WO2022/224009)

[21] 3,214,843
[13] A1

- [51] Int.Cl. A61B 5/00 (2006.01) A61B 5/20 (2006.01) A61M 5/00 (2006.01) A61M 5/142 (2006.01)
 - [25] EN
 - [54] URINE COLLECTION SYSTEMS AND ASSOCIATED METHODS AND DEVICES
 - [54] SYSTEMES DE COLLECTE D'URINE ET PROCEDES ET DISPOSITIFS ASSOCIES
 - [72] CONLEY, ERIC, US
 - [72] HALPERT, ANDREW VICTOR, US
 - [72] LUPPI, KENNETH JOHN, US
 - [72] FIELDS, ANTONY JONATHAN, US
 - [71] REPRIEVE CARDIOVASCULAR, INC., US
 - [85] 2023-10-06
 - [86] 2022-04-15 (PCT/US2022/071742)
 - [87] (WO2022/221873)
 - [30] US (63/175,380) 2021-04-15
 - [30] US (63/220,873) 2021-07-12
-

[21] 3,214,847
[13] A1

- [51] Int.Cl. G06N 3/04 (2023.01)
- [25] EN
- [54] MONITORING AN AMBIENT AIR PARAMETER USING A TRAINED MODEL
- [54] SURVEILLANCE D'UN PARAMETRE DE L'AIR AMBIANT A L'AIDE D'UN MODELE ENTRAINE
- [72] ALI, SHIROOK M., CA
- [72] BAKR, MOHAMED, CA
- [72] KANJI, HOSSAM, CA
- [71] ECOSYSTEM INFORMATICS INC., CA
- [85] 2023-10-06
- [86] 2022-04-08 (PCT/CA2022/050547)
- [87] (WO2022/217342)
- [30] US (63/174,880) 2021-04-14
- [30] CA (PCT/CA2021/051086) 2021-08-05

PCT Applications Entering the National Phase

[21] 3,214,854
[13] A1

[25] EN
 [54] SENSING DEVICE FOR A NAPPY
 [54] DISPOSITIF DE DETECTION
 POUR UNE COUCHE
 [72] AL AIOUBI, MOHAMAD YASSER,
 GB
 [72] HUQ, SYED EJAZUL, GB
 [71] OXFORD HEALTHTECH LTD, GB
 [85] 2023-10-06
 [86] 2022-04-06 (PCT/GB2022/050862)
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 [72] SHNEIDER, SVETLANA, IL
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 [72] GETTEL, MICHAEL D., US
 [72] SCHAFER, PHILLIP PATRICK, US
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- [71] HUAWEI TECHNOLOGIES CO., LTD., CN
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- [72] JARRASSIER, BENOIT, FR
- [72] LABOUREY, QUENTIN, FR
- [72] POTIER, PHILIPPE, FR
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- [72] BERTOLLI, MICHAEL, US
- [72] CAPUTO, ALICIA, US
- [72] THERRIEN, JASON, US
- [71] AVRIO ANALYTICS LLC, US
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- [72] BEKEMANS, MARC, BE
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- [72] KLIMAS JR., RICHARD JOHN, US
- [72] MYERS, NICHOLAS RAY, US
- [72] MCKEE, ROBERT STEWART, US
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- [72] LEIT DE MORADEI, SILVANA MARCEL, US
- [72] WEST, ANGELA V., US
- [72] BAKER, THOMAS, GB
- [72] ARREGUI, JOKIN CARRILLO, GB
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- [72] LILLEHAMMER, GLEN, NO
- [72] THAKUR, RAM KINKAR, NO
- [71] SCHLUMBERGER CANADA LIMITED, CA
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 - [54] **MOYEU POLYMERIQUE DE VERROUILLAGE EN DEUX PARTIES POUR DISPOSITIF D'AUTORETRACTION DE CABLE**
 - [72] KROH, BRYAN, US
 - [72] JACOB, MATTHEW FREDERICK, US
 - [72] GOODSPEED, MICHAEL, US
 - [72] AMANKWAH, DANIEL, US
 - [71] MSA TECHNOLOGY, LLC, US
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- [72] KASUN, ZACHARY A., US
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- [72] NEUBIG, MEGAN E., US
- [72] STANLEY, NATHANIEL H., US
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- [71] GILEAD SCIENCES, INC., US
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 - [71] THE GENERAL HOSPITAL CORPORATION, US
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- [54] **MATERIAUX ET METHODES DE REDIRECTION DE CELLULES EFFECTRICES IMMUNITAIRES**
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- [72] WHITE, IAN, US
- [72] ZWOLAK, ADAM, US
- [72] GANESAN, RAJKUMAR, US
- [72] HO, JASON, US
- [71] JANSSEN BIOTECH, INC., US
- [85] 2023-09-26
- [86] 2022-03-30 (PCT/US2022/022500)
- [87] (WO2022/212470)
- [30] US (63/168,605) 2021-03-31
- [30] US (63/168,628) 2021-03-31
- [30] US (63/168,621) 2021-03-31
- [30] US (63/168,618) 2021-03-31
- [30] US (63/168,611) 2021-03-31

[21] 3,214,964
[13] A1

- [51] Int.Cl. A61K 38/47 (2006.01) A61K 48/00 (2006.01) C12N 9/24 (2006.01) C12N 15/85 (2006.01) C12N 15/86 (2006.01)
 - [25] EN
 - [54] **GENETICALLY MODIFIED HUMAN CELL LINES AND USES THEREOF**
 - [54] **LIGNEES CELLULAIRES HUMAINES GENETIQUEMENT MODIFIEES ET LEURS UTILISATIONS**
 - [72] MAKINO, ELINA, US
 - [72] FLUHARTY, BRIAN RICHARD, US
 - [71] SIGILON THERAPEUTICS, INC., US
 - [85] 2023-09-26
 - [86] 2022-03-31 (PCT/US2022/022854)
 - [87] (WO2022/212720)
 - [30] US (63/168,727) 2021-03-31
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[21] 3,214,965
[13] A1

- [51] Int.Cl. A61K 47/64 (2017.01) A61K 47/69 (2017.01) A61K 9/51 (2006.01) A61K 39/385 (2006.01) A61P 35/00 (2006.01)
- [25] EN
- [54] **TARGETING MULTIPLE T CELL TYPES USING SPHERICAL NUCLEIC ACID VACCINE ARCHITECTURE**
- [54] **CIBLAGE DE MULTIPLES TYPES DE LYMPHOCYTES T EN UTILISANT UNE ARCHITECTURE DE VACCIN A ACIDE NUCLEIQUE SPHERIQUE**
- [72] MIRKIN, CHAD A., US
- [72] TEPLENSKY, MICHAEL HOPE, US
- [72] EVANGELOPOULOS, MICHAEL, US
- [72] WANG, SHUYA, US
- [71] NORTHWESTERN UNIVERSITY, US
- [85] 2023-09-26
- [86] 2022-03-30 (PCT/US2022/022626)
- [87] (WO2022/212564)
- [30] US (63/167,977) 2021-03-30
- [30] US (63/222,869) 2021-07-16

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<p style="text-align: right;">[21] 3,214,966</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A61B 3/00 (2006.01) G06T 7/70 (2017.01) G16H 30/40 (2018.01) A61B 5/00 (2006.01) A61F 9/007 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD OF AND SYSTEM FOR AUTOMATED MACHINE-ASSISTED DETECTION OF DRY EYE DISEASE (DED) CONDITIONS IN HUMAN EYES CAPTURED USING VISIBLE ILLUMINATION AND DIGITAL CAMERA SYSTEMS</p> <p>[54] PROCEDE ET SYSTEME POUR LA DETECTION ASSISTEE PAR MACHINE AUTOMATISEE D'ETATS PATHOLOGIQUES DE SECHERESSE OCULAIRE DANS DES YEUX HUMAINS, CAPTURES A L'AIDE D'UN ECLAIRAGE VISIBLE ET DE SYSTEMES DE DISPOSITIF DE PRISE DE VUES NUMERIQUE</p> <p>[72] SINGH, RANJODH, US</p> <p>[72] MURRY, CARL VAN ALEN, US</p> <p>[71] CORNEACARE, INC., US</p> <p>[85] 2023-09-26</p> <p>[86] 2022-03-31 (PCT/US2022/022967)</p> <p>[87] (WO2022/212799)</p> <p>[30] US (17/220,535) 2021-04-01</p>
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<p style="text-align: right;">[21] 3,214,968</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. D03D 15/00 (2021.01) A41D 31/10 (2019.01) D03D 15/208 (2021.01) D03D 15/283 (2021.01) D03D 15/50 (2021.01) D03D 15/527 (2021.01) A41D 31/02 (2019.01) D03D 23/00 (2006.01) D06M 17/00 (2006.01)</p> <p>[25] EN</p> <p>[54] NO SWEAT MARKS FABRIC WITH MOISTURE MANAGEMENT FUNCTION</p> <p>[54] TISSU DEPOURVU DE MARQUES DE TRANSPIRATION AYANT UNE FONCTION DE GESTION DE L'HUMIDITE</p> <p>[72] DANDAPURE, YOGENDRA V., CA</p> <p>[72] LOGAN, PETER CROMBIE, CA</p> <p>[72] MANNA, ROVIN, CA</p> <p>[71] LULULEMON ATHLETICA CANADA INC., CA</p> <p>[85] 2023-09-26</p> <p>[86] 2022-04-07 (PCT/CA2022/050529)</p> <p>[87] (WO2022/213199)</p> <p>[30] US (63/173,093) 2021-04-09</p>

<p style="text-align: right;">[21] 3,214,970</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. H04N 19/132 (2014.01) H04N 19/167 (2014.01) H04N 19/176 (2014.01) H04N 19/46 (2014.01) H04N 19/597 (2014.01)</p> <p>[25] EN</p> <p>[54] A METHOD AND APPARATUS FOR ENCODING AND DECODING ONE OR MORE VIEWS OF A SCENE</p> <p>[54] PROCEDE ET APPAREIL DESTINES AU CODAGE ET AU DECODAGE D'UNE OU PLUSIEURS VUES D'UNE SCENE</p> <p>[72] VAREKAMP, CHRISTIAAN, NL</p> <p>[71] KONINKLIJKE PHILIPS N.V., NL</p> <p>[85] 2023-09-26</p> <p>[86] 2021-09-27 (PCT/EP2021/076447)</p> <p>[87] (WO2022/069388)</p> <p>[30] EP (20199751.7) 2020-10-02</p>
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<p style="text-align: right;">[21] 3,214,969</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A61B 17/16 (2006.01) A61B 18/08 (2006.01)</p> <p>[25] EN</p> <p>[54] SET OF SURGICAL TOOLS FOR SPINAL FACET THERAPY</p> <p>[54] ENSEMBLE D'OUTILS CHIRURGICAUX POUR THERAPIE DE FACETTE VERTEBRALE</p> <p>[72] HOOGLAND, JAAP, DE</p> <p>[72] KEMMSTEDT, DIRK, DE</p> <p>[71] HOOGLAND SPINE PRODUCTS GMBH, DE</p> <p>[85] 2023-09-26</p> <p>[86] 2021-03-31 (PCT/EP2021/058516)</p> <p>[87] (WO2022/207105)</p>
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<p style="text-align: right;">[21] 3,214,971</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G16C 20/10 (2019.01) C07D 301/10 (2006.01) G16C 20/70 (2019.01)</p> <p>[25] EN</p> <p>[54] MODERATOR AND CATALYST PERFORMANCE OPTIMIZATION FOR EPOXIDATION OF ETHYLENE</p> <p>[54] OPTIMISATION DES PERFORMANCES DU MODERATEUR ET DU CATALYSEUR POUR L'EPOXYDATION D'ETHYLENE</p> <p>[72] WELLS, GARY JAMES, US</p> <p>[72] YEATES, RANDALL CLAYTON, US</p> <p>[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL</p> <p>[85] 2023-09-26</p> <p>[86] 2022-04-06 (PCT/EP2022/059114)</p> <p>[87] (WO2022/214539)</p> <p>[30] EP (21167333.0) 2021-04-08</p>
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[21] 3,214,972
[13] A1

- [51] Int.Cl. C12N 9/12 (2006.01) A61P 35/00 (2006.01) C12N 15/52 (2006.01)
 - [25] EN
 - [54] ENGINEERED ADENYLYLATE KINASE VARIANT ENZYMES
 - [54] ENZYME VARIANTS DE D'ADENYLYLATE KINASE MODIFIEES
 - [72] DUAN, DA, US
 - [72] SOWELL-KANTZ, AURIC ANTHONY, US
 - [72] PETKOVA, AKSINIYA LYUBENOVA, US
 - [72] ALVIZO, OSCAR, US
 - [71] CODEXIS, INC., US
 - [85] 2023-09-26
 - [86] 2022-04-01 (PCT/US2022/023026)
 - [87] (WO2022/212824)
 - [30] US (63/170,000) 2021-04-02
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[21] 3,214,973
[13] A1

- [51] Int.Cl. C12N 9/12 (2006.01) C12N 15/52 (2006.01) C12P 19/40 (2006.01)
- [25] EN
- [54] ENGINEERED GUANYLYLATE KINASE VARIANT ENZYMES
- [54] ENZYME VARIANTS DE GUANYLYLATE KINASE MODIFIEES
- [72] DUAN, DA, US
- [72] SOWELL-KANTZ, AURIC ANTHONY, US
- [72] PETKOVA, AKSINIYA LYUBENOVA, US
- [72] ALVIZO, OSCAR, US
- [71] CODEXIS, INC., US
- [85] 2023-09-26
- [86] 2022-04-01 (PCT/US2022/023030)
- [87] (WO2022/212828)
- [30] US (63/170,004) 2021-04-02

[21] 3,214,975
[13] A1

- [51] Int.Cl. C12N 9/12 (2006.01) A61P 35/00 (2006.01) C12N 5/10 (2006.01) C12N 15/52 (2006.01) C12P 19/36 (2006.01)
 - [25] EN
 - [54] ENGINEERED CYCLIC GMP-AMP SYNTHASE (CGAS) VARIANT ENZYMES
 - [54] ENZYME VARIANTS DE LA GMP-AMP SYNTHASE (CGAZ) CYCLIQUE GENETIQUEMENT MODIFIEES
 - [72] BORRA-GARSKE, MARGIE TABUGA, US
 - [72] ALVIZO, OSCAR, US
 - [72] MILLER, LILLIAN JASMINE, US
 - [72] PETKOVA, AKSINIYA LYUBENOVA, US
 - [71] CODEXIS, INC., US
 - [85] 2023-09-26
 - [86] 2022-04-01 (PCT/US2022/023035)
 - [87] (WO2022/212832)
 - [30] US (63/170,010) 2021-04-02
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[21] 3,214,976
[13] A1

- [51] Int.Cl. A61K 9/48 (2006.01) A61K 31/05 (2006.01) A61K 31/551 (2006.01) A61K 31/5513 (2006.01) A61K 31/554 (2006.01) A61P 25/18 (2006.01) G01N 33/94 (2006.01)
- [25] EN
- [54] METHODS FOR OPTIMIZING TREATMENT OF MENTAL DISORDERS WITH CANNABIDIOL AND PHARMACEUTICAL COMPOSITIONS COMPRISING CANNABIDIOL
- [54] PROCEDES D'OPTIMISATION DU TRAITEMENT DE TROUBLES MENTAUX AVEC DU CANNABIDIOL ET COMPOSITIONS PHARMACEUTIQUES COMPRENANT DU CANNABIDIOL
- [72] LEWEKE, FRANZ-MARKUS, DE
- [71] CURANTIS UG, DE
- [85] 2023-09-26
- [86] 2022-04-11 (PCT/EP2022/059648)
- [87] (WO2022/218930)
- [30] EP (21167887.5) 2021-04-12

[21] 3,214,977
[13] A1

- [51] Int.Cl. C23C 16/04 (2006.01) A01N 25/00 (2006.01) A01N 25/06 (2006.01) A01N 25/08 (2006.01) A01P 1/00 (2006.01) A61P 31/12 (2006.01) B05D 1/00 (2006.01) B05D 3/12 (2006.01) B05D 3/14 (2006.01) B05D 5/08 (2006.01) C23C 16/452 (2006.01) C23C 16/455 (2006.01) C23C 16/513 (2006.01)
 - [25] EN
 - [54] METHOD AND SYSTEM FOR COATING FILTER MEDIA
 - [54] PROCEDE ET SYSTEME DE REVETEMENT DE MILIEUX FILTRANTS
 - [72] HEYBERGER, REGIS, FR
 - [72] VANSANT, JAN, BE
 - [72] BOREK-DONTEN, JOANNA, BE
 - [72] LOPES, MAXIMILIEN, BE
 - [71] MOLECULAR PLASMA GROUP SA, LU
 - [85] 2023-09-26
 - [86] 2022-05-25 (PCT/EP2022/064313)
 - [87] (WO2022/248610)
 - [30] EP (21175835.4) 2021-05-25
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[21] 3,214,983
[13] A1

- [51] Int.Cl. C10B 43/14 (2006.01) C10B 53/02 (2006.01) C10L 5/44 (2006.01)
- [25] EN
- [54] APPARATUS FOR CARBONIZING BIOMASS
- [54] APPAREIL POUR LA CARBONISATION DE BIOMASSE
- [72] HIRAIWA, YUUSUKE, JP
- [72] HAYASHI, SHIGEYA, JP
- [72] OOI, NOBUYUKI, JP
- [71] MITSUBISHI UBE CEMENT CORPORATION, JP
- [85] 2023-09-26
- [86] 2022-01-21 (PCT/JP2022/002216)
- [87] (WO2022/209196)
- [30] JP (2021-055518) 2021-03-29

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<p>[21] 3,214,986 [13] A1</p> <p>[51] Int.Cl. C07H 19/10 (2006.01) A61K 31/7064 (2006.01) A61K 31/7068 (2006.01) C12Q 1/68 (2018.01)</p> <p>[25] EN</p> <p>[54] NUCLEOTIDE ANALOGUE FOR SEQUENCING</p> <p>[54] ANALOGUE NUCLEOTIDIQUE POUR LE SEQUENCAGE</p> <p>[72] XU, XUN, CN</p> <p>[72] TENG, BO, CN</p> <p>[72] ZHANG, WENWEI, CN</p> <p>[72] SHEN, LIANG, CN</p> <p>[72] ZHUO, SHITIAN, CN</p> <p>[72] YAN, SHENGYI, CN</p> <p>[72] GAO, NANFENG, CN</p> <p>[72] ZHANG, YONGHUI, CN</p> <p>[72] ZHAO, JIE, CN</p> <p>[72] LIAO, SHA, CN</p> <p>[72] WANG, MING, CN</p> <p>[72] ZHANG, SHAOQIAO, CN</p> <p>[72] CHEN, AO, CN</p> <p>[72] LI, HANDONG, CN</p> <p>[71] BGI SHENZHEN, CN</p> <p>[71] BGI SHENZHEN GROUP HOLDINGS CO., LIMITED, CN</p> <p>[85] 2023-09-26</p> <p>[86] 2022-03-31 (PCT/CN2022/084601)</p> <p>[87] (WO2022/206922)</p> <p>[30] CN (202110355785.4) 2021-04-01</p> <p>[30] CN (PCT/CN2022/080021) 2022-03-09</p>

<p>[21] 3,214,987 [13] A1</p> <p>[51] Int.Cl. B22F 9/08 (2006.01) C21B 13/14 (2006.01) C21C 7/06 (2006.01) C21C 7/10 (2006.01) C22C 33/02 (2006.01) B33Y 70/00 (2020.01)</p> <p>[25] EN</p> <p>[54] GAS ATOMIZATION OF MOLTEN STEEL</p> <p>[54] ATOMISATION PAR GAZ D'ACIER EN FUSION</p> <p>[72] HERRAIZ LALANA, ENRIQUE, ES</p> <p>[72] COUVRAT, MATHIEU, FR</p> <p>[72] KAUSHIK, PALLAVA, US</p> <p>[72] CARO GUTIERREZ, ALEJANDRO, ES</p> <p>[71] ARCELORMITTAL, LU</p> <p>[85] 2023-09-26</p> <p>[86] 2021-04-06 (PCT/IB2021/052836)</p> <p>[87] (WO2022/214846)</p>

<p>[21] 3,214,989 [13] A1</p> <p>[51] Int.Cl. A61K 39/395 (2006.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS OF TREATMENT OF NON-SMALL-CELL LUNG CARCINOMA USING TELISOTUZUMAB VEDOTIN</p> <p>[54] METHODES DE TRAITEMENT DU CANCER DU POUMON NON A L'AIDE DE TELISOTUZUMAB VEDOTIN</p> <p>[72] JIN, JANET YIKAI, US</p> <p>[72] KOMARNITSKY, PHILLIP B., US</p> <p>[72] LAZAROV, MIIRELLA, US</p> <p>[72] REDDY, ANITA, US</p> <p>[71] ABBVIE BIOTHERAPEUTICS INC., US</p> <p>[85] 2023-09-26</p> <p>[86] 2022-04-06 (PCT/US2022/023629)</p> <p>[87] (WO2022/216796)</p> <p>[30] US (63/171,536) 2021-04-06</p> <p>[30] US (63/171,571) 2021-04-06</p>
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<p>[21] 3,214,990 [13] A1</p> <p>[51] Int.Cl. A61P 35/02 (2006.01)</p> <p>[25] EN</p> <p>[54] COMBINATIONS FOR TREATMENT OF CANCER</p> <p>[54] COMBINAISONS POUR LE TRAITEMENT DU CANCER</p> <p>[72] MCGEEHAN, GERARD M., US</p> <p>[72] ORDENTLICH, PETER, US</p> <p>[72] CARTER, BING, US</p> <p>[72] ANDREEFF, MICHAEL, US</p> <p>[71] SYNDAX PHARMACEUTICALS, INC., US</p> <p>[71] BOARD OF REGENTS - THE UNIVERSITY OF TEXAS SYSTEM, US</p> <p>[85] 2023-10-06</p> <p>[86] 2022-05-12 (PCT/US2022/029002)</p> <p>[87] (WO2022/241122)</p> <p>[30] US (63/187,753) 2021-05-12</p>

<p>[21] 3,214,993 [13] A1</p> <p>[51] Int.Cl. B66F 3/08 (2006.01) B66F 3/25 (2006.01) B66F 3/30 (2006.01)</p> <p>[25] EN</p> <p>[54] VEHICLE STAND</p> <p>[54] SUPPORT DE VEHICULE</p> <p>[72] BRINKLEY, MICHAEL, US</p> <p>[72] WEISS, PETER JOSEPH, US</p> <p>[71] PICK-N-PULL AUTO DISMANTLERS, US</p> <p>[85] 2023-10-05</p> <p>[86] 2022-04-28 (PCT/US2022/071981)</p> <p>[87] (WO2022/232816)</p> <p>[30] US (63/182,677) 2021-04-30</p>
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<p>[21] 3,214,994 [13] A1</p> <p>[51] Int.Cl. E05B 47/06 (2006.01) E05B 47/00 (2006.01)</p> <p>[25] EN</p> <p>[54] HALF-CYLINDER LOCK</p> <p>[54] VERROU A DEMI-CYLINDRE</p> <p>[72] GOLDMAN, ILAN, IL</p> <p>[71] KNOCK N'LOCK LTD., IL</p> <p>[85] 2023-10-10</p> <p>[86] 2022-04-13 (PCT/IL2022/050390)</p> <p>[87] (WO2022/219633)</p> <p>[30] IL (282345) 2021-04-14</p>

<p>[21] 3,215,000 [13] A1</p> <p>[51] Int.Cl. B64F 5/60 (2017.01) G06N 20/00 (2019.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR HYBRID PROGNOSTICS</p> <p>[54] SYSTEMES ET PROCÉDES DE PRONOSTICS HYBRIDES</p> <p>[72] BOLANDER, NATHAN, US</p> <p>[72] VECHART, ANDREW, US</p> <p>[71] SENTIENT SCIENCE CORPORATION, US</p> <p>[85] 2023-10-10</p> <p>[86] 2022-04-07 (PCT/US2022/071591)</p> <p>[87] (WO2022/217253)</p> <p>[30] US (63/171,801) 2021-04-07</p>

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[21] **3,215,003**

[13] A1

- [51] Int.Cl. A61K 35/74 (2015.01) C12Q 1/6869 (2018.01)
 - [25] EN
 - [54] ORAL SWAB-BASED TEST FOR THE DETECTION OF DENTAL DISEASE STATES IN DOMESTIC CATS, DOGS AND OTHER MAMMALS
 - [54] TEST A BASE D'ECOUILLOU BUCCAL POUR LA DETECTION D'ETATS DE MALADIE DENTAIRE CHEZ DES CHATS DOMESTIQUES, DES CHIENS ET D'AUTRES MAMMIFERES
 - [72] KAO, DAMIAN, US
 - [72] MIHAYLOVA, YULIANA, US
 - [71] BASEPAWS, US
 - [85] 2023-10-10
 - [86] 2022-04-22 (PCT/US2022/071852)
 - [87] (WO2022/226526)
 - [30] US (63/178,395) 2021-04-22
 - [30] US (63/221,554) 2021-07-14
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[21] **3,215,033**

[13] A1

- [25] EN
- [54] LOCKING PIN FOR MULTIFUNCTION SCAFFOLD
- [54] BROCHE DE VERROUILLAGE D'ECHAFAUDAGE MULTIFONCTION
- [72] SMITH, GRADY, US
- [71] SMITH, GRADY, US
- [85] 2023-10-10
- [86] 2022-05-23 (PCT/US2022/030542)
- [87] (WO2022/217163)
- [30] US (17/716,781) 2022-04-08

[21] **3,215,034**

[13] A1

- [51] Int.Cl. H04L 41/0677 (2022.01) H04L 43/0852 (2022.01) H04L 43/091 (2022.01) H04L 43/087 (2022.01) H04L 43/12 (2022.01)
- [25] EN
- [54] SYSTEMS AND METHODS FOR DETERMINING PROBLEMATIC PATHS BETWEEN INTEREST POINTS IN A MULTI-CLOUD ENVIRONMENT
- [54] SYSTEMES ET PROCEDES POUR DETERMINER DES CHEMINS PROBLEMATIQUES ENTRE DES POINTS D'INTERET DANS UN ENVIRONNEMENT A NUAGES MULTIPLES
- [72] DEVENDRAN, VIJAY KUMAR, US
- [72] MEDA, KIRAN KUMAR, US
- [72] JANAKIRAMAN, RAJAGOPALAN, US
- [72] KAPADIA, SHYAM N., US
- [72] ASGHAR, JAVED, US
- [71] CISCO TECHNOLOGY, INC., US
- [85] 2023-10-10
- [86] 2022-07-14 (PCT/US2022/073711)
- [87] (WO2023/009939)
- [30] US (17/390,511) 2021-07-30

[21] **3,215,040**

[13] A1

- [51] Int.Cl. A61K 36/81 (2006.01)
 - [25] EN
 - [54] MICROSPHERE FORMULATIONS COMPRISING NALMEFENE AND METHODS FOR MAKING AND USING THE SAME
 - [54] FORMULATIONS DE MICROSPHERES COMPRENANT DU NALMEFENE ET LEURS METHODES DE PREPARATION ET D'UTILISATION
 - [72] MINROVIC, BRADLEY, US
 - [72] SELLERS, REGAN, US
 - [72] WHELEHAN, MICHAEL, IE
 - [72] WALKER, ANDREW, GB
 - [72] HESHMATI, PARISSA, US
 - [72] PERKINS, BRENDA HUNTER, US
 - [72] WINCHESTER, GARY ANTHONY, US
 - [72] MA, YIMING, US
 - [71] OAKWOOD LABORATORIES, LLC, US
 - [71] EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC., US
 - [85] 2023-10-10
 - [86] 2022-04-20 (PCT/US2022/071813)
 - [87] (WO2022/226505)
 - [30] US (63/177,015) 2021-04-20
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[21] **3,215,043**

[13] A1

- [51] Int.Cl. C07D 313/10 (2006.01) C07D 313/12 (2006.01) C07D 471/04 (2006.01)
- [25] EN
- [54] TAAR1 AND SEROTONIN MODULATORS, AND PHARMACEUTICAL COMPOSITIONS, AND METHODS OF USE THEREOF
- [54] MODULATEURS DE TAAR1 ET DE SEROTONINE, ET COMPOSITIONS PHARMACEUTIQUES ET LEURS PROCEDES D'UTILISATION
- [72] HODGETTS, KEVIN JULIAN, US
- [72] XIE, LINGHONG, US
- [71] SUNOVION PHARMACEUTICALS INC., US
- [85] 2023-10-10
- [86] 2022-04-08 (PCT/US2022/071613)
- [87] (WO2022/217265)
- [30] US (63/173,368) 2021-04-10

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[21] **3,215,069**
[13] A1

- [25] EN
 - [54] **AVALANCHE TRANSCEIVER**
 - [54] **EMETTEUR-RECEPTEUR D'AVALANCHE**
 - [72] VANHORN, DAVID, US
 - [72] HECKMAN, CHRISTOFFER, US
 - [72] EDGERLY, BRUCE, US
 - [71] BACKCOUNTRY ACCESS, INC., US
 - [85] 2023-10-10
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 - [87] (WO2022/245707)
 - [30] US (63/190,500) 2021-05-19
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 - [54] **HYPERRACTIVATORS OF MAMMALIAN DENDRITIC CELLS**
 - [54] **HYPERRACTIVEURS DE CELLULES DENDRITIQUES DE MAMMIFERE**
 - [72] FINN, KELSEY K, US
 - [72] CHOW, JONATHAN, US
 - [72] GOSSELIN, EMILY, US
 - [72] ZHIVAKI, DANIA, US
 - [71] CORNER THERAPEUTICS, INC., US
 - [85] 2023-10-10
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 - [30] US (63/173,958) 2021-04-12
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- [25] EN
- [54] **ARTIFICIAL INTELLIGENCE-BASED PERSONALIZED CONTENT CREATION WORKFLOW**
- [54] **FLUX DE TRAVAUX DE CREATION DE CONTENU PERSONNALISE BASE SUR L'INTELLIGENCE ARTIFICIELLE**
- [72] ROOT, ARTHUR BLUMENTHAL, US
- [71] NOSTRA, INC., US
- [85] 2023-10-10
- [86] 2022-04-21 (PCT/US2022/071835)
- [87] (WO2022/232754)
- [30] US (63/179,845) 2021-04-26

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- [25] EN
 - [54] **MEK INHIBITORS AND USES THEREOF**
 - [54] **INHIBITEURS DE MEK ET LEURS UTILISATIONS**
 - [72] CASTRO, ALFREDO C., US
 - [72] BURKE, MICHAEL J., US
 - [72] PROUDFOOT, JOHN, US
 - [72] RUPPEL, SABINE K., US
 - [72] WYNN, THOMAS A., US
 - [71] IKENA ONCOLOGY, INC., US
 - [85] 2023-10-10
 - [86] 2022-04-15 (PCT/US2022/071732)
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 - [30] US (63/175,837) 2021-04-16
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- [54] **BATTERY INCLUDING FOLDED FOIL PORTION AND METHOD OF FABRICATING SAME**
- [54] **BATTERIE COMPRENANT UNE PARTIE DE FEUILLE REPLIEE ET PROCEDE POUR SA REALISATION**
- [72] SUBRAMANIAN, ADITYA, CN
- [72] FAUTEUX, DENIS GASTON, CN
- [72] GENG, DAN, CN
- [72] LI, JIN WEI, CN
- [71] TECHTRONIC CORDLESS GP, US
- [85] 2023-09-26
- [86] 2021-04-29 (PCT/CN2021/091063)
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 - [25] EN
 - [54] **HANDHELD POWER TOOL**
 - [54] **OUTIL ELECTRIQUE PORTATIF**
 - [72] CHEN, SHUAI, CN
 - [72] XU, RUI, CN
 - [72] LIU, SHAOBO, CN
 - [72] KE, HONGTAO, CN
 - [72] FUKINUKI, MASATOSHI, CN
 - [72] MENG, CHAO, CN
 - [72] WANG, XIAOYONG, CN
 - [71] NANJING CHERVON INDUSTRY CO., LTD., CN
 - [85] 2023-09-26
 - [86] 2022-02-11 (PCT/CN2022/076015)
 - [87] (WO2022/206186)
 - [30] CN (202110343906.3) 2021-03-31
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 - [30] CN (202110717905.0) 2021-06-28
 - [30] CN (202111198520.4) 2021-10-14
 - [30] CN (202111197205.X) 2021-10-14
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 - [30] CN (202111198500.7) 2021-10-14
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- [25] EN
 - [54] **GENETICALLY MODIFIED ONCOLYTIC HERPES SIMPLEX VIRUS DELIVERING CHEMOKINE AND TUMOR ASSOCIATED/SPECIFIC ANTIGEN**
 - [54] **VIRUS HERPES SIMPLEX ONCOLYTIQUE GENETIQUEMENT MODIFIE DELIVRANT UNE CHIMIOKINE ET UN ANTIGENE SPECIFIQUE/ASSOCIE A UNE TUMEUR**
 - [72] CHEN, XIAOQING, CN
 - [72] LIU, YUANYUAN, CN
 - [72] LIU, ZIWEN, CN
 - [72] DENG, TIANYI, CN
 - [72] ZHOU, GRACE GUOYING, CN
 - [71] IMMVIRA BIOPHARMACEUTICALS CO., LIMITED, CN
 - [85] 2023-09-26
 - [86] 2022-04-07 (PCT/CN2022/085474)
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B82Y 30/00 (2011.01) C09D 105/00
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- [25] EN
- [54] METHOD FOR MANUFACTURING
A BARRIER FILM, AND A
BARRIER FILM
- [54] PROCEDE DE FABRICATION
D'UN FILM FORMANT
BARRIERE, ET FILM FORMANT
BARRIERE
- [72] BACKFOLK, KAJ, FI
- [72] LYYTIKAINEN, KATJA, FI
- [72] HEISKANEN, ISTO, FI
- [72] NORDSTROM, TOMMI, FI
- [72] KAUPPI, ANNA, FI
- [71] STORA ENSO OYJ, FI
- [85] 2023-09-26
- [86] 2022-04-13 (PCT/IB2022/053477)
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H01M 8/10 (2016.01)
- [25] EN
- [54] THERMOPLASTIC RESIN,
THERMOSETTING RESIN,
LIQUID DISPERSION
COMPOSITIONS, LAMINATES
FOR POLYMER ELECTROLYTE
FUEL CELL, AND METHODS FOR
MANUFACTURING LAMINATE
FOR POLYMER ELECTROLYTE
FUEL CELL
- [54] RESINE THERMOPLASTIQUE,
RESINE THERMODURCISSEABLE,
COMPOSITION DE DISPERSION,
STRATIFIE POUR PILE A
COMBUSTIBLE A POLYMER
SOLIDE, ET PROCEDE DE
FABRICATION DE STRATIFIE
POUR PILE A COMBUSTIBLE A
POLYMER SOLIDE
- [72] MIYAZAWA, ATSUSHI, JP
- [72] OZAKI, SOU, JP
- [72] TOGO, EIICHI, JP
- [72] INOUE, HIROSHI, JP
- [71] TOSOH CORPORATION, JP
- [85] 2023-09-26
- [86] 2022-03-23 (PCT/JP2022/013703)
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- [30] JP (2021-055008) 2021-03-29
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C09D 5/00 (2006.01) C09D 5/02
(2006.01) C09D 123/28 (2006.01)
- [25] EN
- [54] PRIMER COMPOSITION FOR
SURFACE-PRINTED FLEXIBLE
PACKAGING, INK SET,
SURFACE-PRINTED MATTER,
AND INKJET PRINTING METHOD
- [54] COMPOSITION D'APPRET POUR
EMBALLAGE SOUPLE A
SURFACE IMPRIMEE, JEU
D'ENCRAS, MATERIAU A
SURFACE IMPRIMEE, ET
PROCEDE D'IMPRESSION A JET
D'ENCRE
- [72] SYU, SAIEI, JP
- [72] MORIYASU, KAZUKI, JP
- [72] MAEDA, HIROHITO, JP
- [71] SAKATA INX CORPORATION, JP
- [85] 2023-09-26
- [86] 2022-04-25 (PCT/JP2022/018757)
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- [30] JP (2021-109035) 2021-06-30

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- [25] EN
- [54] HOLLOW FIBER MEMBRANE
MODULE AND
DEHUMIDIFIER/HUMIDIFIER
- [54] MODULE DE MEMBRANE A
FIBRES CREUSES ET
DESHUMIDIFICATEUR/HUMIDIF
ICATEUR
- [72] ITO, YOSUKE, JP
- [71] NOK CORPORATION, JP
- [85] 2023-09-26
- [86] 2022-05-10 (PCT/JP2022/019827)
- [87] (WO2022/255039)
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- [25] EN
- [54] POLISHING COMPOSITION,
METHOD FOR PRODUCING
POLISHING COMPOSITION, AND
POLISHING METHOD
- [54] COMPOSITION DE POLISSAGE,
PROCEDE DE FABRICATION DE
COMPOSITION DE POLISSAGE
ET PROCEDE DE POLISSAGE
- [72] TENKO, KYOSUKE, JP
- [72] ITO, JUN, JP
- [72] YASUI, DAISUKE, JP
- [72] MORINAGA, HITOSHI, JP
- [71] FUJIMI INCORPORATED, JP
- [85] 2023-09-26
- [86] 2022-03-29 (PCT/JP2022/015601)
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[25] EN
[54] TERMINAL FOR DISPLAYING DYEING SIMULATION, AND OPERATION METHOD THEREFOR
[54] TERMINAL POUR AFFICHER UNE SIMULATION DE COLORATION, ET SON PROCEDE DE FONCTIONNEMENT
[72] LEE, JUNG YONG, KR
[72] KIM, HYUNG KYU, KR
[72] JANG, KYUNG SIK, KR
[71] LG FAROUK CO., KR
[85] 2023-09-26
[86] 2022-04-26 (PCT/KR2022/005962)
[87] (WO2022/235002)
[30] KR (10-2021-0057427) 2021-05-03

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[51] Int.Cl. C22C 14/00 (2006.01) B21C 1/00 (2006.01) C22F 1/18 (2006.01)
[25] EN
[54] MATERIAL FOR THE MANUFACTURE OF HIGH-STRENGTH FASTENERS AND METHOD FOR PRODUCING SAME
[54] MATERIAU POUR PRODUIRE DES ELEMENTS DE FIXATION HAUTEMENT RESISTANTS ET PROCEDE DE PRODUCTION
[72] LEDER, MIKHAIL OTTOVICH, RU
[72] VOLKOV, ANATOLIY VLADIMIROVICH, RU
[72] GREBENSHCHIKOV, ALEKSANDR SERGEYEVICH, RU
[72] SHCHETNIKOV, NIKOLAY VASILYEVICH, RU
[71] PUBLIC STOCK COMPANY "VSMPO-AVISMA CORPORATION", RU
[85] 2023-09-26
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[87] (WO2022/203535)

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[25] EN
[54] HEAT EXCHANGE PANEL OF A HEAT REGULATING DEVICE
[54] PANNEAU ECHANGEUR DE CHALEUR DE DISPOSITIF DE THERMOREGULATION
[72] POTAPOV, VLADIMIR STANISLAVOVICH, RU
[72] MAVLIUTOV, RAFAEL SHAMSITDINOVICH, RU
[71] POTAPOV, VLADIMIR STANISLAVOVICH, RU
[71] MAVLIUTOV, RAFAEL SHAMSITDINOVICH, RU
[85] 2023-09-26
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[30] RU (2021130134) 2021-10-15

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[25] EN
[54] WELLBORE DATA DEPTH MATCHING USING CHANGE POINT ALGORITHMS
[54] ADAPTATION DE PROFONDEUR DE DONNEES DE PUITS DE FORAGE A L'AIDE D'ALGORITHMES DE POINT DE CHANGEMENT
[72] WLODARCZYK, SYLVAIN, FR
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2023-09-26
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[87] (WO2022/203702)
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[25] EN
[54] SELF ACTIVATING SEAL ASSEMBLY BACKUP
[54] RENFORT D'ENSEMBLE JOINT D'ETANCHEITE A AUTO-ACTIVATION
[72] ELDHO, SHANU THOTTUNGAL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2023-09-26
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[87] (WO2022/255985)
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- [54] ENGINEERED ACETATE KINASE VARIANT ENZYMES
- [54] ENZYMES VARIANTES D'ACETATE KINASE MODIFIEES
- [72] BORRA-GARSKE, MARGIE TABUGA, US
- [72] ALVIZO, OSCAR, US
- [72] MILLER, LILLIAN JASMINE, US
- [72] PETKOVA, AKSINIYA LYUBENOVA, US
- [71] CODEXIS, INC., US
- [85] 2023-09-26
- [86] 2022-04-01 (PCT/US2022/023039)
- [87] (WO2022/212835)
- [30] US (63/170,017) 2021-04-02

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- [51] Int.Cl. H04K 3/00 (2006.01)
- [25] EN
- [54] MITIGATING STRONG NONGAUSSIAN INTERFERENCE IN SS RECEIVERS
- [54] ATTENUATION DE FORT BROUILLAGE NON GAUSSIEN DANS DES RECEPTEURS SS
- [72] POBEREZHSKIY, GENNADY Y., US
- [72] ROUPHAEL, ANTOINE J., US
- [72] IZDEBSKI, PHILLIP M., US
- [72] PERN, ALLISON Y., US
- [71] RAYTHEON COMPANY, US
- [85] 2023-09-26
- [86] 2022-04-06 (PCT/US2022/023658)
- [87] (WO2022/216814)
- [30] US (63/171,882) 2021-04-07
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- [25] EN
- [54] FIELD EQUIPMENT DATA SYSTEM
- [54] SYSTEME DE DONNEES D'EQUIPEMENT DE TERRAIN
- [72] SRIDHAR, GARUD, GB
- [72] SUBBIAH, SUREJ KUMAR, QA
- [72] IBRAHIM, MUHAMMAD, QA
- [72] RODRIGUEZ HERRERA, ADRIAN ENRIQUE, GB
- [72] ALHAMAD, NASSER, KW
- [72] GUPTA, SUPRIYA, US
- [72] MOHAMAD HUSSEIN, ASSEF, GB
- [72] SANTHALINGAM, VIGNESHWARAN, US
- [72] SINHA, RAJEEV RANJAN, US
- [71] SCHLUMBERGER CANADA LIMITED, CA
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- [25] EN
- [54] COMPOSITIONS AND METHODS FOR DELIVERY OF RNA
- [54] COMPOSITIONS ET METHODES POUR L'ADMINISTRATION D'ARN
- [72] RAMUNAS, JOHN, US
- [72] MARKOV, GLENN JEREMY, US
- [72] OLSEN, WILLIAM GILLIS, US
- [72] BREWER, KYLE DANIEL, US
- [71] REJUVENATION TECHNOLOGIES INC., US
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- [30] US (63/169,118) 2021-03-31

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- [25] EN
- [54] FLAME RETARDANTS FOR BATTERY ELECTROLYTES
- [54] AGENTS IGNIFUGES POUR ELECTROLYTES DE BATTERIE
- [72] VARNADO, CHARLES DANIEL, JR., US
- [72] BAKER, JOSEPH, US
- [71] ALBEMARLE CORPORATION, US
- [85] 2023-09-27
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- [25] EN
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- [54] AGENTS IGNIFUGES POUR ELECTROLYTES DE BATTERIE
- [72] VARNADO, CHARLES DANIEL, JR., US
- [71] ALBEMARLE CORPORATION, US
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- [87] (WO2022/212634)
- [30] US (63/169,426) 2021-04-01

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- [54] FLAME RETARDANTS FOR BATTERY ELECTROLYTES
- [54] AGENTS IGNIFUGES POUR ELECTROLYTES DE BATTERIE
- [72] VARNADO, CHARLES DANIEL, JR., US
- [71] ALBEMARLE CORPORATION, US
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[51] Int.Cl. G06F 16/248 (2019.01) G06F 16/26 (2019.01)
[25] EN
[54] USER INTERFACE FOR DATA ANALYTICS SYSTEMS
[54] INTERFACE UTILISATEUR POUR SYSTEMES D'ANALYSE DE DONNEES
[72] LI, JIATONG, US
[72] PATEL, JIGNESH, US
[72] LEO JOHN, ROGERS JEFFREY, US
[72] CLAUS, ROBERT KONRAD, US
[72] GOETHEL, NATHANIEL JOHN, US
[71] DATACHAT.AI, US
[85] 2023-10-11
[86] 2022-04-13 (PCT/US2022/071683)
[87] (WO2022/221838)
[30] US (63/201,140) 2021-04-14
[30] US (17/443,304) 2021-07-23

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[13] A1

[51] Int.Cl. E21B 34/10 (2006.01) E21B 23/04 (2006.01) E21B 33/1295 (2006.01)
[25] EN
[54] RUNNING TOOL INCLUDING A PISTON LOCKING MECHANISM
[54] OUTIL DE POSE COMPRENANT UN MECANISME DE VERRUILLAGE DE PISTON
[72] YAKELEY, SEAN, US
[71] BAKER HUGHES OILFIELD OPERATIONS LLC, US
[85] 2023-10-11
[86] 2022-04-12 (PCT/US2022/071671)
[87] (WO2022/221831)
[30] US (17/232,304) 2021-04-16

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[13] A1

[51] Int.Cl. A23L 33/11 (2016.01) A23L 33/115 (2016.01) B01F 23/41 (2022.01)
[25] EN
[54] HIGH POTENCY EMULSIONS
[54] EMULSIONS HAUTEMENT ACTIVES
[72] HAN, CHUNXIAO, US
[71] VERTOSA INC., US
[85] 2023-10-11
[86] 2022-04-11 (PCT/US2022/071661)
[87] (WO2022/221824)
[30] US (63/173,965) 2021-04-12

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[13] A1

[51] Int.Cl. E21B 33/12 (2006.01) E21B 34/14 (2006.01) E21B 43/12 (2006.01) E21B 43/267 (2006.01)
[25] EN
[54] SLEEVE WITH FLOW CONTROL ORIFICES
[54] MANCHON AVEC ORIFICES DE COMMANDE D'ÉCOULEMENT
[72] STEELE, DAVID JOE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2023-10-11
[86] 2022-06-07 (PCT/US2022/032460)
[87] (WO2022/261065)
[30] US (63/197,886) 2021-06-07
[30] US (63/197,924) 2021-06-07
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[13] A1

[51] Int.Cl. H04M 3/436 (2006.01) H04W 12/122 (2021.01)
[25] EN
[54] VISHING DEFENCE METHOD AND SYSTEM
[54] PROCEDE ET SYSTEME DE DEFENSE CONTRE LES ARNAQUES PAR TELEPHONE
[72] PAMA, THANDISIZWE EZWENILETHU, ZA
[71] PAMA, THANDISIZWE EZWENILETHU, ZA
[85] 2023-10-11
[86] 2022-03-11 (PCT/ZA2022/050013)
[87] (WO2022/192924)
[30] ZA (2021/01642) 2021-03-11

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[13] A1

[51] Int.Cl. A23B 4/03 (2006.01) A23L 3/40 (2006.01) B28B 13/06 (2006.01) D21F 5/00 (2006.01) F26B 3/28 (2006.01) F26B 21/08 (2006.01) G05D 22/00 (2006.01)
[25] EN
[54] METHODS FOR THE ESTIMATION OF SURFACE WATER ACTIVITY IN PRODUCTS BEING DRIED
[54] PROCEDES D'ESTIMATION DE L'ACTIVITE DE L'EAU DE SURFACE DANS DES PRODUITS EN COURS DE SECHAGE
[72] LONGO, CARLOS MARIA, CN
[72] NEGRI SAMPER, JUAN, CN
[71] VISCOFAN TECHNOLOGY (SUZHOU) CO., LTD., CN
[85] 2023-10-11
[86] 2022-04-08 (PCT/EP2022/059449)
[87] (WO2022/218861)
[30] CN (2021104049074) 2021-04-15

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[13] A1

[51] Int.Cl. F42D 3/04 (2006.01) F42B 3/10 (2006.01) F42C 15/42 (2006.01) F42D 1/02 (2006.01) F42D 1/05 (2006.01) F42D 1/055 (2006.01)
[25] EN
[54] WIRELESS INITIATING ARRANGEMENT
[54] AGENCEMENT D'INITIATION SANS FIL
[72] LIEBENBERG, ABRAHAM JOHANNES, ZA
[72] MULLER, ELMAR LENNOX, ZA
[71] DETNET SOUTH AFRICA (PTY) LIMITED, ZA
[85] 2023-10-11
[86] 2022-07-07 (PCT/ZA2022/050028)
[87] (WO2023/028620)
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<p style="text-align: right;">[21] 3,215,236 [13] A1</p> <p>[51] Int.Cl. C07C 49/755 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR TREATING LUNG CANCER AND NON-SMALL CELL LUNG CANCER</p> <p>[54] METHODE DE TRAITEMENT DU CANCER DU POUMON ET DU CANCER DU POUMON NON A PETITES CELLULES</p> <p>[72] KULKARNI, ADITYA, US</p> <p>[72] BHATIA, KISHOR, US</p> <p>[71] LANTERN PHARMA INC., US</p> <p>[85] 2023-10-11</p> <p>[86] 2022-04-12 (PCT/US2022/071676)</p> <p>[87] (WO2022/221834)</p> <p>[30] US (63/173,968) 2021-04-12</p>	<p style="text-align: right;">[21] 3,215,240 [13] A1</p> <p>[51] Int.Cl. A61K 36/185 (2006.01) A61P 17/02 (2006.01)</p> <p>[25] EN</p> <p>[54] USE OF MANGOSTEEN FRUIT SHELL EXTRACT IN THE PREPARATION OF A MEDICAMENT FOR TREATING BEDSORES</p> <p>[54] UTILISATION D'UN EXTRAIT DE COQUE DE FRUIT DE MANGOSTAN DANS LA PREPARATION D'UN MEDICAMENT POUR LE TRAITEMENT D'ESCARRES DE DECUBITUS</p> <p>[72] TSAI, DAI-HUA, CN</p> <p>[72] CHEN, SHIH-YIN, CN</p> <p>[72] CHUANG, I-PIN, CN</p> <p>[72] CHEN, KU-CHENG, CN</p> <p>[72] CHEN, YEN-JU, CN</p> <p>[71] XANTHO BIOTECHNOLOGY CO., LTD, CN</p> <p>[85] 2023-09-27</p> <p>[86] 2021-12-21 (PCT/CN2021/140135)</p> <p>[87] (WO2022/213665)</p> <p>[30] US (63/172,659) 2021-04-09</p>	<p style="text-align: right;">[21] 3,215,242 [13] A1</p> <p>[51] Int.Cl. A61K 39/395 (2006.01) A61K 9/08 (2006.01) A61K 47/02 (2006.01) A61K 47/18 (2017.01) A61K 47/26 (2006.01) A61P 17/00 (2006.01) A61P 37/00 (2006.01) A61P 37/02 (2006.01) A61P 37/08 (2006.01)</p> <p>[25] EN</p> <p>[54] HIGH CONCENTRATION ANTIBODY FORMULATIONS</p> <p>[54] FORMULATIONS D'ANTICORPS A CONCENTRATION ELEVEE</p> <p>[72] CHEN, NIEN-YI, CN</p> <p>[72] KAO, WEI-TING, CN</p> <p>[71] ONENESS BIOTECH CO., LTD., CN</p> <p>[85] 2023-09-27</p> <p>[86] 2022-04-01 (PCT/CN2022/084711)</p> <p>[87] (WO2022/206938)</p> <p>[30] US (63/170,042) 2021-04-02</p>
<p style="text-align: right;">[21] 3,215,237 [13] A1</p> <p>[51] Int.Cl. C12C 13/10 (2006.01) B65D 81/32 (2006.01) B65D 85/804 (2006.01) C12C 11/00 (2006.01)</p> <p>[25] EN</p> <p>[54] BREWING CARTRIDGE</p> <p>[54] CARTOUCHE D'INFUSION</p> <p>[72] EDWARDS, HARRISON, GB</p> <p>[71] BREWING WORKS LIMITED, GB</p> <p>[85] 2023-09-25</p> <p>[86] 2022-03-25 (PCT/IB2022/052744)</p> <p>[87] (WO2022/201111)</p> <p>[30] GB (2104233.8) 2021-03-25</p>		

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<p>[21] 3,215,243 [13] A1</p> <p>[51] Int.Cl. G06F 16/21 (2019.01) G06F 16/2452 (2019.01)</p> <p>[25] EN</p> <p>[54] AUTONOMOUS TESTING OF LOGICAL MODEL INCONSISTENCIES</p> <p>[54] TEST AUTONOME D'INCOHERENCES DE MODELE LOGIQUE</p> <p>[72] SASSIN, MICHAEL, US</p> <p>[71] ORACLE INTERNATIONAL CORPORATION, US</p> <p>[85] 2023-09-27</p> <p>[86] 2022-02-15 (PCT/US2022/016435)</p> <p>[87] (WO2022/220916)</p> <p>[30] US (17/230,167) 2021-04-14</p>

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[21] 3,215,259

[13] A1

[51] Int.Cl. F26B 17/02 (2006.01) F26B
3/06 (2006.01)
[25] EN
[54] DEVICE AND METHOD FOR
DRYING PARTICULATE
MATERIAL
[54] DISPOSITIF ET PROCEDE DE
SECHAGE DE MATERIAU
PARTICULAIRE
[72] WILLACZEK, DOMINIK, LU
[71] KRONOSPAN LUXEMBOURG S.A.,
LU
[85] 2023-09-20
[86] 2022-03-15 (PCT/EP2022/056684)
[87] (WO2023/174518)

[21] 3,215,260

[13] A1

[51] Int.Cl. C07D 403/14 (2006.01) A61K
31/4196 (2006.01) A61K 31/4245
(2006.01) A61P 35/00 (2006.01) C07D
407/14 (2006.01) C07D 413/14
(2006.01)
[25] EN
[54] HETEROCYCLIC COMPOUNDS
[54] COMPOSES HETEROCYCLIQUES
[72] AMOUSSA, MACHOUD, CH
[72] BENZ, JOERG, CH
[72] BRIAN, NIELS KEVIN, CH
[72] FRISTON, KALLIE, CH
[72] GIROUD, MAUDE, CH
[72] GRETHER, UWE, CH
[72] GROEBKE ZBINDEN, KATRIN, CH
[72] HORNSPERGER, BENOIT, CH
[72] KROLL, CARSTEN, CH
[72] KUHN, BERND, CH
[72] LEAKE, CAMIEL JOHN, CH
[72] MARTIN, RAINER E., CH
[72] NIPPA, DAVID FRIEDRICH
ERHARD, CH
[72] O'HARA, FIONN SUSANNAH, CH
[72] PUELLMANN, BERND, CH
[72] RICHTER, HANS, CH
[72] RITTER, MARTIN, CH
[72] ROMBACH, DIDIER, CH
[72] SCHMID, PHILIPP CLAUDIO, CH
[72] ZHANG, SHOUNAN, CN
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2023-09-27
[86] 2022-04-22 (PCT/EP2022/060644)
[87] (WO2022/223750)
[30] EP (21170090.1) 2021-04-23
[30] CN (PCT/CN2022/083125) 2022-03-25

[21] 3,215,261

[13] A1

[51] Int.Cl. A61B 5/01 (2006.01) A61B 5/00
(2006.01)
[25] EN
[54] PREGNANCY-RELATED
COMPLICATION
IDENTIFICATION AND
PREDICTION FROM WEARABLE-
BASED PHYSIOLOGICAL DATA
[54] IDENTIFICATION ET
PREDICTION DE
COMPLICATIONS LIEES A LA
GROSSESSE A PARTIR DE
DONNEES PHYSIOLOGIQUES
PORTABLES
[72] THIGPEN, NINA NICOLE, FI
[72] GOTLIEB, NETA A., FI
[72] PHO, GERALD, FI
[72] ASCHBACHER, KIRSTIN
ELIZABETH, FI
[71] OURA HEALTH OY, FI
[85] 2023-09-27
[86] 2022-03-31 (PCT/US2022/022909)
[87] (WO2022/212758)
[30] US (63/169,314) 2021-04-01
[30] US (17/710,095) 2022-03-31

[21] 3,215,262

[13] A1

[51] Int.Cl. G01H 1/00 (2006.01) G01R
31/08 (2020.01) H02G 1/02 (2006.01)
[25] EN
[54] METHOD AND DEVICE FOR
MONITORING SEVERITY OF
VIBRATION IN OVERHEAD
POWER LINES
[54] PROCEDE ET DISPOSITIF DE
SURVEILLANCE DE SEVERITE
DE VIBRATIONS DANS DES
LIGNES ELECTRIQUES
AERIENNES
[72] GODARD, BERTRAND, BE
[71] AMPACIMON SA, BE
[85] 2023-09-27
[86] 2022-02-25 (PCT/EP2022/054837)
[87] (WO2022/218597)
[30] EP (21167936.0) 2021-04-12

[21] 3,215,263

[13] A1

[51] Int.Cl. A61B 1/317 (2006.01) A61B
1/015 (2006.01) A61B 1/018 (2006.01)
A61B 1/05 (2006.01)
[25] EN
[54] ORTHOPEDIC ARTHROSCOPIC
OPTICAL CANNULA SYSTEM
[54] SYSTEME DE CANULE OPTIQUE
ARTHROSCOPIQUE
ORTHOPEDIQUE
[72] NOYES, WILLARD S., US
[72] GRAY, BENJAMIN J., US
[72] SIMPSON, PHILIP J., US
[71] RESNENT, LLC, US
[85] 2023-09-27
[86] 2022-04-01 (PCT/US2022/023055)
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[72] FRANCOIS, TIM, SE
[72] LUNDIN, ANDREAS, SE
[72] OLOVSSON, BJORN MARKUS, SE
[72] ERICKSON, KERSTIN, SE
[72] DALMO, TOMAS, SE
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 - [54] CONSTRUCTIONS PROTEIQUES DE LIAISON A L'ANTIGENE ET ANTICORPS ET LEURS UTILISATIONS
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 - [72] FISKE, BRIAN P., US
 - [72] GERA, NIMISH, US
 - [71] MYTHIC THERAPEUTICS, INC., US
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- [72] HANLEY, IAN, GB
- [71] THISTLE ROCKETRY LTD, GB
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 - [54] DISPOSITIF DE POSE D'IMPLANT
 - [72] TREVINO, LEO ANTHONY, US
 - [72] LI, CHENG, US
 - [72] PEGORARO, TYLER, US
 - [72] WILLIAMS, STUART, US
 - [72] SHEPARD, THOMAS, US
 - [72] SMITH, PETER ANDREW, US
 - [72] WALKER, MATTHEW CHARLES, US
 - [72] CORSON, ANDREW JOHN, US
 - [72] BLACKBURN, THOMAS RALPH, III, US
 - [72] COUSE, STEPHEN JAMES, US
 - [71] AERIE PHARMACEUTICALS, INC., US
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- [54] PROCEDE D'OPTIMISATION POUR EXPLOITER DES INSTALLATIONS DANS L'INDUSTRIE PRIMAIRE
- [72] SATTLER, MANUEL, AT
- [72] HOHENBICHLER, GERALD, AT
- [72] KRADEL, BENJAMIN, DE
- [72] STRASSER, SONJA, AT
- [71] PRIMETALS TECHNOLOGIES AUSTRIA GMBH, AT
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 - [54] RENFORCEMENT DE CONSTRUCTION PAR OSSATURE DE SUPPORT A BARDAGE REGLABLE
 - [72] EDSCER, WILLIAM GEORGE, GB
 - [72] MARSHALL, JOHN GRAHAME, GB
 - [71] EDSCER, WILLIAM GEORGE, GB
 - [85] 2023-09-27
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- [54] GAS ATOMIZATION OF MOLTEN STEEL
- [54] ATOMISATION GAZEUSE D'ACIER FONDU
- [72] KAUSHIK, PALLAVA, US
- [72] CARO GUTIERREZ, ALEJANDRO, ES
- [72] COUVRAT, MATHIEU, FR
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[54] UTILISATION DE GOSSYPOL ET D'UN INHIBITEUR DE METHANE POUR REDUIRE LA FORMATION DE METHANE EMANANT DES ACTIVITES DIGESTIVES DE RUMINANTS
[72] KINDERMANN, MAIK, CH
[72] LETINOIS, ULLA, CH
[72] MONTEIRO TAMASSIA, LUIS FERNANDO, CH
[72] STEMMLER, RENE TOBIAS, CH
[72] WALKER, NICOLA, CH
[71] DSM IP ASSETS B.V., NL
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[54] SOLVANTS VERTS POUR REACTIONS CHIMIQUES
[72] KOMAROVA, ANASTASIIA, CH
[72] LUTERBACHER, JEREMY, CH
[71] ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL), CH
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[54] SYSTEM AND METHOD FOR LOCATING A WORKPIECE SUPPORTING FRAME IN POSITION IN A PROCESSING OR ASSEMBLING STATION OF A PRODUCTION PLANT
[54] SYSTEME ET PROCEDE DE POSITIONNEMENT D'UN CADRE PORTE-PIECE DANS UNE STATION DE TRAITEMENT OU D'ASSEMBLAGE D'UNE USINE DE PRODUCTION
[72] TOMASI, DANIELE, IT
[72] RUFFINO, DANIELE, IT
[72] BERTOLO, TIZIANO, IT
[71] COMAU S.P.A., IT
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[54] 3,4-DIHYDRO-2,7-NAPHTHYRIDINE-1,6 (2H,7H)-DIONES UTILISES EN TANT QU'INHIBITEURS DE MEK
[72] ALLEN, SHELLEY, US
[72] BLAKE, JAMES FRANCIS, US
[72] BLANCHE, SYDNEY TAYLOR, US
[72] BOYS, MARK LAURENCE, US
[72] CLARK, WESLEY DEWITT, US
[72] COWDREY, CONNOR JAMES, US
[72] DAHLKE, JOSHUA RYAN, US
[72] DOERNER BARBOUR, PATRICK MICHAEL, US
[72] KELLUM, ALEX ANDREW, US
[72] KNAPP, ELLEN MARGARET, US
[72] MORENO, DAVID AUSTIN, US
[72] O'LEARY, JACOB MATTHEW, US
[72] REN, LI, US
[72] WITKOS, FAITH ELIZABETH, US
[72] FULTON, JENNIFER LYNN, US
[71] PFIZER INC., US
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[54] FORME CRISTALLINE D'UN INHIBITEUR DE SHP2
[72] BROWN, KATIE KEATON, US
[72] GOODWIN, AARON KEITH, US
[71] ARRAY BIOPHARMA INC., US
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- [25] EN
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- [54] **TOMOGRAPHIE PAR IMPEDANCE UTILISANT DES ELECTRODES D'UN SYSTEME DE CHAMPS DE TRAITEMENT DES TUMEURS (TTFIELDS)**
- [72] WASSERMAN, YORAM, IL
- [71] NOVOCURE GMBH, CH
- [85] 2023-09-27
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- [54] **MULTIFACTOR AUTHENTICATION THROUGH CRYPTOGRAPHY-ENABLED SMART CARDS**
- [54] **AUTHENTIFICATION MULTIFACTORIELLE PAR L'INTERMEDIAIRE DE CARTES A PUCE ACTIVEES PAR CRYPTOGRAPHIE**
- [72] VENABLE, JEFF, US
- [71] BREX INC., US
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- [54] **COMPOSITE INTERWOVEN GAS CONTAINMENT ASSEMBLIES**
- [54] **ENSEMBLES DE CONFINEMENT DE GAZ ENTRELACES COMPOSITES**
- [72] CEDERBERG, CHAD ALVIN, US
- [72] HALVORSEN, KEN C., US
- [72] MOUTRAY, BRADLEY J., US
- [72] YEGGY, BRIAN C., US
- [71] AGILITY FUEL SYSTEMS LLC, US
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- [54] **ANTICORPS SPECIFIQUES D'IL-38**
- [72] ROBINSON, MATTHEW K., US
- [72] LUNDGREN, KAREN, US
- [72] HARMAN, BEN, US
- [72] NIKITIN, PAVEL A., US
- [72] SHEN, FANG, US
- [71] IMMUNOME, INC., US
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- [25] EN
- [54] **FLAME RETARDANTS FOR BATTERY ELECTROLYTES**
- [54] **AGENTS IGNIFUGES POUR ELECTROLYTES DE BATTERIES**
- [72] GE, ZHONGXIN, US
- [72] BAKER, JOSEPH, US
- [72] LIU, YUNQI, US
- [72] YANG, HUAXIANG, US
- [71] ALBEMARLE CORPORATION, US
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- [25] EN
- [54] **GENETIC MODIFICATION OF MAMMALIAN CELLS TO CONFER RESISTANCE TO CSF1R ANTAGONISTS**
- [54] **MODIFICATION GENETIQUE DE CELLULES DE MAMMIFERE POUR CONFERER UNE RESISTANCE A DES ANTAGONISTES DE CSF1R**
- [72] DAVTYAN, HAYK, US
- [72] HASSELMANN, JONATHAN, US
- [72] BLURTON-JONES, MATHEW, US
- [72] CHADAREVIAN, JEAN PAUL, US
- [72] SPITALE, ROBERT, US
- [72] GANDHI, SUNIL, US
- [72] ENGLAND, WHITNEY, US
- [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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OF HUMAN
GRANULOCYTEMACROPHAGE
PROGENITORS AND
APPLICATIONS THEREOF**

[54] **PROCEDES D'EXPANSION DE
PROGENITEURS DE
GRANULOCYTES-
MACROPHAGES HUMAINS ET
LEURS APPLICATIONS**

[72] YING, QI-LONG, US

[72] GUO, ZHENG, US

[72] YUE, SHI, US

[72] NGUYEN, TAI, US

[72] TANG, JIAQI, US

[72] ZHANG, CHAO, US

[71] UNIVERSITY OF SOUTHERN
CALIFORNIA, US

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[54] METHOD FOR PERFORMING AUTOMATED ANALYSIS OF SENSOR DATA TIME SERIES

[54] METHODE DE REALISATION D'UNE ANALYSE AUTOMATISEE DE DONNEES DE CAPTEUR EN SERIE CHRONOLOGIQUE

[72] MEADOW, CURTIS, US

[71] GREENWAVE INNOVATION INC., CA

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[72] CAPPELLE, MARK, BE

[71] FLOORING INDUSTRIES LIMITED, SARL, IE

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[54] BALLOON CATHETER HAVING MULTIPLE INFLATION LUMENS AND RELATED METHODS

[54] CATHETER A BALLONNET AYANT DE MULTIPLES LUMIERES DE GONFLAGE ET PROCEDES ASSOCIES

[72] CHANDUSZKO, ANDRZEJ, US

[72] LUBEK, SIMON, US

[71] C.R. BARD, INC., US

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[54] PROGRAMMATION EN LIAISON MONTANTE ET ATTRIBUTION DE RESSOURCES A INDICATION RAPIDE

[72] CAI, ZHIJUN, CA

[72] WOMACK, JAMES EARL, CA

[72] SUZUKI, TAKASHI, CA

[71] BLACKBERRY LIMITED, CA

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[62] 3,081,238

[30] US (11/741,562) 2007-04-27

[21] 3,214,632

[13] A1

[25] EN

[54] METHODS AND SYSTEMS OF VIBRATING A SCREEN

[54] PROCEDES ET SYSTEMES PERMETTANT DE FAIRE VIBRER UN ECRAN

[72] TREMBLAY, DENIS GILLES, CA

[72] ARIANA, GASHTASEB, CA

[71] IMAX THEATRES INTERNATIONAL LIMITED, IE

[22] 2015-12-08

[41] 2016-06-16

[62] 2,969,996

[30] US (62/089,479) 2014-12-09

[21] 3,214,649

[13] A1

[25] EN

[54] METHODS AND SYSTEMS FOR GENERATING CLUSTER-BASED SEARCH RESULTS

[54] PROCEDES ET SYSTEMES DE GENERATION DE RESULTATS DE RECHERCHE A BASE DE GROUPES

[72] PATEL, MILAN, US

[71] ROVI GUIDES, INC., US

[22] 2016-03-29

[41] 2016-10-06

[62] 2,981,643

[30] US (14/675,290) 2015-03-31

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

<p>[21] 3,214,673 [13] A1</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR HEART VALVE THERAPY</p> <p>[54] SYSTEMES ET METHODES POUR THERAPIE VALVULAIRE CARDIAQUE</p> <p>[72] GANESAN, KAVITHA, US</p> <p>[72] VENKATASUBRAMANIAN, RAMJI T., US</p> <p>[72] FORSBERG, ANDREW T., US</p> <p>[72] SCHWEICH, CYRIL J., JR, US</p> <p>[72] MORTIER, TODD J., US</p> <p>[72] MARTZ, ERIK O., US</p> <p>[72] KRONE, DOUGLAS J., US</p> <p>[71] CAISSON INTERVENTIONAL, LLC, US</p> <p>[22] 2015-10-22</p> <p>[41] 2016-04-28</p> <p>[62] 2,964,935</p> <p>[30] US (62/067,907) 2014-10-23</p> <p>[30] US (14/671,577) 2015-03-27</p> <p>[30] US (14/673,055) 2015-03-30</p> <p>[30] US (14/674,349) 2015-03-31</p>

<p>[21] 3,214,698 [13] A1</p> <p>[25] EN</p> <p>[54] PROTECTIVE HEADGEAR</p> <p>[54] COIFFURE PROTECTRICE</p> <p>[72] NEWMAN, JESSE, US</p> <p>[72] COLVILLE, NICHOLAS, US</p> <p>[72] FREAM, DAVID WINTHROP, US</p> <p>[72] MOORE, STEPHEN, US</p> <p>[71] CASCADE MAVERIK LACROSSE, LLC, US</p> <p>[22] 2016-04-04</p> <p>[41] 2016-10-06</p> <p>[62] 2,925,957</p> <p>[30] US (14/679,894) 2015-04-06</p>
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<p>[21] 3,214,773 [13] A1</p> <p>[25] EN</p> <p>[54] TRAINING QUANTUM EVOLUTIONS USING SUBLOGICAL CONTROLS</p> <p>[54] APPRENTISSAGE D'EVOLUTIONS QUANTIQUES A L'AIDE DE COMMANDES SOUS-LOGIQUES</p> <p>[72] BABBUSH, RYAN, US</p> <p>[72] NEVEN, HARTMUT, US</p> <p>[71] GOOGLE LLC, US</p> <p>[22] 2016-12-19</p> <p>[41] 2017-12-07</p> <p>[62] 3,101,883</p> <p>[30] US (15/171,778) 2016-06-02</p>

<p>[21] 3,214,798 [13] A1</p> <p>[51] Int.Cl. C12N 15/63 (2006.01) C12N 5/071 (2010.01) C12N 15/113 (2010.01) C12N 5/10 (2006.01) C12N 15/54 (2006.01) C12P 1/00 (2006.01) C12P 21/00 (2006.01)</p> <p>[25] EN</p> <p>[54] CELLS AND METHOD OF CELL CULTURE</p> <p>[54] CELLULES ET PROCEDE DE CULTURE CELLULAIRE</p> <p>[72] HILLER, GREGORY WALTER, US</p> <p>[72] MITCHELL, JEFFREY JOSEPH, US</p> <p>[72] MULUKUTLA, BHANU CHANDRA, US</p> <p>[72] PEGMAN, PAMELA MARY, US</p> <p>[71] PFIZER INC., US</p> <p>[22] 2016-09-22</p> <p>[41] 2017-03-30</p> <p>[62] 2,999,224</p> <p>[30] US (62/222,555) 2015-09-23</p> <p>[30] US (62/396,475) 2016-09-19</p>

<p>[21] 3,214,820 [13] A1</p> <p>[25] EN</p> <p>[54] VIDEO ENCODING AND DECODING</p> <p>[54] CODAGE ET DECODAGE VIDEO</p> <p>[72] CHEN, FANGDONG, CN</p> <p>[71] HANGZHOU HIKVISION DIGITAL TECHNOLOGY CO., LTD., CN</p> <p>[22] 2019-12-11</p> <p>[41] 2020-07-02</p> <p>[62] 3,124,889</p> <p>[30] CN (201811628695.2) 2018-12-28</p>

<p>[21] 3,214,829 [13] A1</p> <p>[25] EN</p> <p>[54] METHOD FOR INDUCING PREDICTION MOTION VECTOR AND APPARATUSES USING SAME</p> <p>[54] PROCEDE DE GENERATION D'UN VECTEUR DE MOUVEMENT PREDIT ET DISPOSITIFS UTILISANT CE PROCEDE</p> <p>[72] LIM, SUNG CHANG, KR</p> <p>[72] KIM, HUI YONG, KR</p> <p>[72] LEE, JIN HO, KR</p> <p>[72] CHOI, JIN SOO, KR</p> <p>[72] KIM, JIN WOONG, KR</p> <p>[72] KIM, JAE GON, KR</p> <p>[72] LEE, SANG YONG, KR</p> <p>[72] PARK, UN KI, KR</p> <p>[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR</p> <p>[71] INDUSTRY-UNIVERSITY COOPERATIVE FOUNDATION KOREA AEROSPACE UNIVERSITY, KR</p> <p>[22] 2012-09-14</p> <p>[41] 2013-03-21</p> <p>[62] 3,114,709</p> <p>[30] KR (10-2011-0093564) 2011-09-16</p> <p>[30] KR (10-2011-0106108) 2011-10-17</p> <p>[30] KR (10-2012-0005916) 2012-01-18</p> <p>[30] KR (10-2012-0102214) 2012-09-14</p>
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**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

<p style="text-align: right;">[21] 3,214,832</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. H01M 10/0566 (2010.01) H01M 10/056 (2010.01) H01M 10/0567 (2010.01) H01M 10/0568 (2010.01) H01M 10/0569 (2010.01) H01M 50/138 (2021.01) H01M 6/14 (2006.01)</p> <p>[25] EN</p> <p>[54] ELECTROLYTE FORMULATIONS FOR ELECTROCHEMICAL DEVICE</p> <p>[54] FORMULATIONS ELECTROLYTIQUES POUR DISPOSITIF ELECTROCHIMIQUE</p> <p>[72] RUSTOMJI, CYRUS S., US</p> <p>[72] LEE, JUNGWOO, US</p> <p>[72] ROYER, JAMES, US</p> <p>[71] SOUTH 8 TECHNOLOGIES, INC., US</p> <p>[22] 2020-08-30</p> <p>[41] 2021-04-08</p> <p>[62] 3,153,170</p> <p>[30] US (62/908,515) 2019-09-30</p> <p>[30] US (62/911,505) 2019-10-07</p> <p>[30] US (62/911,508) 2019-10-07</p>	<p style="text-align: right;">[21] 3,214,846</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A61K 31/445 (2006.01) A61K 31/13 (2006.01) A61P 25/28 (2006.01)</p> <p>[25] EN</p> <p>[54] DONEPEZIL COMPOSITIONS AND METHODS OF TREATING ALZHEIMER'S DISEASE</p> <p>[54] COMPOSITIONS DE DONEPEZIL ET METHODES DE TRAITEMENT DE LA MALADIE D'ALZHEIMER</p> <p>[72] DEDHIYA, MAHENDRA G., US</p> <p>[72] VERMANI, KAVITA, US</p> <p>[72] KATDARE, ASHOK, US</p> <p>[71] FOREST LABORATORIES HOLDINGS LIMITED, BM</p> <p>[71] DEDHIYA, MAHENDRA G., US</p> <p>[71] VERMANI, KAVITA, US</p> <p>[71] KATDARE, ASHOK, US</p> <p>[22] 2015-02-04</p> <p>[41] 2015-08-13</p> <p>[62] 2,938,671</p> <p>[30] US (61/935,596) 2014-02-04</p>	<p style="text-align: right;">[21] 3,214,905</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN</p> <p>[54] METHODS FOR ANALYSIS OF SOMATIC MOBILE ELEMENTS, AND USES THEREOF</p> <p>[54] PROCEDES POUR L'ANALYSE D'ELEMENTS MOBILES SOMATIQUES, ET LEURS UTILISATIONS</p> <p>[72] BROWN, KEITH, US</p> <p>[71] JUMPCODE GENOMICS, INC., US</p> <p>[22] 2015-02-27</p> <p>[41] 2015-09-03</p> <p>[62] 2,940,669</p> <p>[30] US (61/945,791) 2014-02-27</p>
<p style="text-align: right;">[21] 3,214,844</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN</p> <p>[54] CATHETER-BASED APPARATUSES AND METHODS</p> <p>[54] APPAREILS ET PROCEDES A BASE DE CATHETER</p> <p>[72] ZANDI, ABDOLRAHIM, US</p> <p>[72] FARIABI, SEPEHR, US</p> <p>[72] GOSLAU, ERIC J., US</p> <p>[72] NEVRLA, DAVID S., US</p> <p>[72] LEES, BRAD, US</p> <p>[71] TRANSVERSE MEDICAL, INC., US</p> <p>[22] 2015-10-09</p> <p>[41] 2017-04-13</p> <p>[62] 3,001,295</p>	<p style="text-align: right;">[21] 3,214,851</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN</p> <p>[54] DEVICES AND METHODS FOR BIOLOGICAL ASSAY SAMPLE PREPARATION AND DELIVERY</p> <p>[54] DISPOSITIFS ET PROCEDES DE PREPARATION ET D'ACHEMINEMENT D'ECHANTILLON D'ESSAI BIOLOGIQUE</p> <p>[72] MYERS, FRANK B., III, US</p> <p>[72] HO, WEI HSUAN, US</p> <p>[72] MITRA, DEBKISHORE, US</p> <p>[72] WALDEISEN, JOHN ROBERT, US</p> <p>[72] DIMOV, IVAN KRASTEV, US</p> <p>[72] GRISWOLD, RYAN C., US</p> <p>[72] RICHARDSON, BRUCE, US</p> <p>[71] LUCIRA HEALTH, INC., US</p> <p>[22] 2017-03-14</p> <p>[41] 2017-09-21</p> <p>[62] 3,015,376</p> <p>[30] US (62/307,876) 2016-03-14</p>	<p style="text-align: right;">[21] 3,214,908</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN</p> <p>[54] DECK SYSTEM AND COMPONENTS THEREOF, AND METHODS OF ASSEMBLING AND DISASSEMBLING DECK SYSTEMS AND COMPONENTS</p> <p>[54] SYSTEME DE TERRASSE ET COMPOSANTES ASSOCIEES, ET METHODES D'ASSEMBLAGE ET DE DESASSEMBLAGE DES SYSTEMES DE TERRASSE ET COMPOSANTES</p> <p>[72] WINTER, ROGER, US</p> <p>[71] DEXSPAN TECHNOLOGIES LLC, US</p> <p>[22] 2016-01-13</p> <p>[41] 2016-07-16</p> <p>[62] 3,081,063</p> <p>[30] US (14/598,539) 2015-01-16</p>
		<p style="text-align: right;">[21] 3,214,913</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN</p> <p>[54] BLADE ASSEMBLY AND FOOD CUTTING DEVICE INCORPORATING THE SAME</p> <p>[54] DISPOSITIF DE LAME ET APPAREIL DE COUPE D'ALIMENT INTEGRANT LEDIT DISPOSITIF</p> <p>[72] AIKENS, JOHN WARREN, CA</p> <p>[72] ROGERS, DAVID M., CA</p> <p>[71] MCCAIN FOODS LIMITED, CA</p> <p>[22] 2015-03-05</p> <p>[41] 2015-10-01</p> <p>[62] 2,884,081</p> <p>[30] US (14/242,232) 2014-04-01</p>

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<p style="text-align: right;">[21] 3,214,922</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. C07D 261/04 (2006.01) A61K 31/42 (2006.01) A61P 33/00 (2006.01) A61P 33/14 (2006.01) C07B 53/00 (2006.01) C07D 453/04 (2006.01)</p> <p>[25] EN</p> <p>[54] PROCESS FOR THE PREPARATION OF ENANTIONERICALLY ENRICHED ISOXAZOLINE COMPOUNDS CRYSTALLINE TOLUENE SOLVATE OF (X)-AFOXOLANER</p> <p>[54] PROCEDE DE PREPARATION DE COMPOSES D'ISOXAZOLINE ENANTIOMERIQUEMENT ENRICHIS ET DE SOLVATE DE TOLUENE CRISTALLIN DE (S)-AFOXOLANER</p> <p>[72] YANG, CHUNHUA, US</p> <p>[72] LE HIR DE FALLOIS, LOIC PATRICK, US</p> <p>[72] MENG, CHARLES Q., US</p> <p>[72] LONG, ALAN, US</p> <p>[72] GORTER DE VRIES, ROELOF JOHANNES, FR</p> <p>[72] BAILLON, BRUNO, FR</p> <p>[72] LAFONT, SYLVAIN, FR</p> <p>[72] GAY DE SAINT MICHEL, MYRIAM, FR</p> <p>[72] KOZLOVIC, STEPHANE, FR</p> <p>[71] BOEHRINGER INGELHEIM ANIMAL HEALTH USA INC., US</p> <p>[22] 2017-04-05</p> <p>[41] 2017-10-12</p> <p>[62] 3,019,947</p> <p>[30] US (62/319,207) 2016-04-06</p>

<p style="text-align: right;">[21] 3,214,956</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR AUTOMATED CALANDRIA TUBE INSTALLATION</p> <p>[54] SYSTEME ET METHODE D'INSTALLATION AUTOMATISEE DE TUBE DE CUVE</p> <p>[72] MORIKAWA, DAVID TARO, CA</p> <p>[72] WONG, MATTHEW, CA</p> <p>[72] JOHANNESSON, MARK, CA</p> <p>[71] ATS CORPORATION, CA</p> <p>[22] 2022-02-23</p> <p>[41] 2022-07-25</p> <p>[62] 3,149,912</p> <p>[30] US (63/152,823) 2021-02-23</p> <p>[30] US (63/168,714) 2021-03-31</p> <p>[30] US (63/168,690) 2021-03-31</p>

<p style="text-align: right;">[21] 3,214,958</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. C25B 9/23 (2021.01) C25B 11/032 (2021.01) C25B 11/053 (2021.01) C25B 1/14 (2006.01)</p> <p>[25] EN</p> <p>[54] LI RECOVERY PROCESSES AND ONSITE CHEMICAL PRODUCTION FOR LI RECOVERY PROCESSES</p> <p>[54] PROCEDES DE RECUPERATION DE LI ET PRODUCTION CHIMIQUE SUR SITE POUR PROCEDES DE RECUPERATION DE LI</p> <p>[72] DARA, SAAD, CA</p> <p>[72] ZAHIRI, BENIAMIN, CA</p> <p>[71] MANGROVE WATER TECHNOLOGIES LTD., CA</p> <p>[22] 2019-12-19</p> <p>[41] 2020-06-25</p> <p>[62] 3,195,237</p> <p>[30] US (62/784,324) 2018-12-21</p> <p>[30] US (62/907,486) 2019-09-27</p>
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<p style="text-align: right;">[21] 3,215,013</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. C01B 3/00 (2006.01) B01J 20/02 (2006.01) C01B 3/56 (2006.01) C01B 6/00 (2006.01)</p> <p>[25] EN</p> <p>[54] HYDROGEN STORAGE ASSEMBLY WITH WAFER FORMED OF A SUBSTRATE MATERIAL AND HEATING ELEMENT</p> <p>[54] ASSEMBLAGE DE STOCKAGE D'HYDROGÈNE AVEC GALETTE FORMÉE D'UN MATERIAU DE SUBSTRAT ET ÉLÉMENT CHAUFFANT</p> <p>[72] FONG, RANDY W. L., CA</p> <p>[72] PATRICK, JAMES, CA</p> <p>[72] GALE, MICHAEL, CA</p> <p>[71] ATOMIC ENERGY OF CANADA LIMITED / ENERGIE ATOMIQUE DU CANADA LIMITÉE, CA</p> <p>[22] 2016-12-07</p> <p>[41] 2017-06-15</p> <p>[62] 3,007,693</p> <p>[30] US (62/264,051) 2015-12-07</p>

<p style="text-align: right;">[21] 3,214,992</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) C07K 16/00 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C12N 15/13 (2006.01)</p> <p>[25] EN</p> <p>[54] MULTISPECIFIC HEAVY CHAIN ANTIBODIES WITH MODIFIED HEAVY CHAIN CONSTANT REGIONS</p> <p>[54] ANTICORPS A CHAINE LOURDE MULTISPECIFIQUES AYANT DES REGIONS CONSTANTES DE CHAINE LOURDE MODIFIÉES</p> <p>[72] HARRIS, KATHERINE, US</p> <p>[72] SCHELLENBERGER, UTE, US</p> <p>[72] VAFA, OMID, US</p> <p>[72] TRINKLEIN, NATHAN, US</p> <p>[72] VAN SCHOOTEN, WIM, US</p> <p>[72] FORCE ALDRED, SHELLEY, US</p> <p>[72] PHAM, DUY, US</p> <p>[72] CLARKE, STARLYNN, US</p> <p>[71] TENEOBIO, INC., US</p> <p>[22] 2021-04-29</p> <p>[41] 2021-11-04</p> <p>[62] 3,176,792</p> <p>[30] US (63/017,589) 2020-04-29</p> <p>[30] US (63/108,796) 2020-11-02</p>
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<p style="text-align: right;">[21] 3,215,027</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN</p> <p>[54] DELIVERY SYSTEM FOR PROSTHETIC HEART VALVE</p> <p>[54] SYSTEME DE POSE DE VALVE CARDIAQUE PROTHÉTIQUE</p> <p>[72] RUPP, KEVIN D., US</p> <p>[72] LE, TUNG T., US</p> <p>[72] LE, THANG HUY, US</p> <p>[72] GRAY, BRIAN C., US</p> <p>[72] FROIMOVICH ROSENBERG, ALEJANDRO J., US</p> <p>[72] LINDSTROM, JEFF, US</p> <p>[72] NGUYEN, KIM D., US</p> <p>[72] TRAN, SONNY, US</p> <p>[71] EDWARDS LIFESCIENCES CORPORATION, US</p> <p>[22] 2016-09-01</p> <p>[41] 2017-03-09</p> <p>[62] 2,996,631</p> <p>[30] US (62/214,424) 2015-09-04</p> <p>[30] US (15/252,110) 2016-08-30</p>
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**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

[21] 3,215,082	[21] 3,215,088	[21] 3,215,134
[13] A1	[13] A1	[13] A1
[25] EN	[25] EN	[25] EN
[54] COMPOSITIONS AND METHODS OF USING PARTIAL GEL LAYERS IN A MICROFLUIDIC DEVICE	[54] SYSTEM FOR FORMING EMULSIONS	[54] METAL/RADIOMETAL-LABELED PSMA INHIBITORS FOR PSMA-
[54] COMPOSITIONS ET PROCEDES D'UTILISATION DE COUCHES DE GEL PARTIELLES DANS UN DISPOSITIF MICROFLUIDIQUE	[54] SYSTEME DE FORMATION D'EMULSIONS	TARGETED IMAGING AND RADIOTHERAPY
[72] NAWROTH, JANNA, US	[72] HIDDESEN, AMY L., US	[54] INHIBITEURS DU PSMA
[72] VILLENAVE, REMI, US	[72] MASQUELIER, DONALD A., US	MARQUES PAR UN
[72] PETROPOLIS, DEBORA BARREIROS, US	[72] NESS, KEVIN D., US	METAL/RADIOMETAL POUR
[72] SHROFF, TANVI, US	[72] HINDSON, BENJAMIN J., US	IMAGERIE ET RADIOTHERAPIE
[72] KERNS, S., JORDAN, US	[72] MAKAREWICZ, ANTHONY J., JR.,	CIBLEES VERS LE PSMA
[72] VARONE, ANTONIO, US	US	
[71] EMULATE, INC., US	[72] STEENBLOCK, ERIN R., US	[72] RAY, SANDEEPA, US
[22] 2020-05-08	[71] BIO-RAD LABORATORIES, INC., US	[72] POMPER, MARTIN G., US
[41] 2020-11-12	[22] 2011-11-01	[72] MEADE, THOMAS J., US
[62] 3,135,597	[41] 2012-05-10	[72] MEASE, RONNIE C., US
[30] US (62/845,627) 2019-05-09	[62] 3,140,602	[72] CHEN, YING, US
[30] US (62/869,306) 2019-07-01	[30] US (61/409,106) 2010-11-01	[72] YANG, XING, US
[30] US (62/902,618) 2019-09-19	[30] US (61/409,473) 2010-11-02	[72] ROTZ, MATTHEW, US
	[30] US (61/410,769) 2010-11-05	[71] THE JOHNS HOPKINS UNIVERSITY, US
		[71] NORTHWESTERN UNIVERSITY, US
		[22] 2015-05-06
		[41] 2015-11-12
		[62] 2,950,892
		[30] US (61/989,428) 2014-05-06
		[30] US (62/117,603) 2015-02-18
[21] 3,215,087	[21] 3,215,101	[21] 3,215,149
[13] A1	[13] A1	[13] A1
[51] Int.Cl. G01N 33/543 (2006.01) C40B 30/04 (2006.01) C40B 40/10 (2006.01)	[54] SHUTTER ASSEMBLY WITH MOTORIZED LOUVER DRIVE SYSTEM	
[25] EN	[54] ENSEMBLE DE VOLET DOTE D'UN MECANISME D'ENTRAINEMENT DE PERSIENNES MOTORISE	
[54] ASSAY PANELS	[72] MEYERINK, LARRY, CA	
[54] PANELS D'ANALYSE	[72] BATTE, ANTHONY, CA	
[72] JOERN, JOHN, US	[72] GRUBB, DEAN, CA	
[72] MANIMALA, JOSEPH, US	[71] HUNTER DOUGLAS INC., US	
[72] MCCLARY, KEITH, US	[22] 2016-06-23	
[72] OBEROI, PANKAJ, US	[41] 2016-12-25	
[72] SPIELES, GISBERT, US	[62] 2,933,937	
[72] STEWART, DAVID, US	[30] US (62/184,282) 2015-06-25	
[72] WILBUR, JAMES, US	[30] US (62/188,276) 2015-07-02	
[71] MESO SCALE TECHNOLOGIES, LLC, US	[30] US (62/202,746) 2015-08-07	
[22] 2014-01-02	[30] US (62/252,598) 2015-11-09	
[41] 2014-07-10	[30] US (62/293,337) 2016-02-10	
[62] 2,896,764	[30] US (62/300,075) 2016-02-26	
[30] US (61/748,626) 2013-01-03		

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<p style="text-align: right;">[21] 3,215,158 [13] A1</p> <p>[25] EN [54] METHOD FOR IDENTIFYING AN OBJECT WITHIN AN IMAGE AND MOBILE DEVICE FOR EXECUTING THE METHOD [54] PROCEDE D'IDENTIFICATION D'UN OBJET DANS UNE IMAGE ET DISPOSITIF MOBILE POUR EXECUTER LE PROCEDE [72] ARAGON, JESUS, US [71] IDENTITY INC., US [22] 2019-03-15 [41] 2019-09-19 [62] 3,093,966 [30] EP (18382174.3) 2018-03-16</p>	<p style="text-align: right;">[21] 3,215,208 [13] A1</p> <p>[25] EN [54] FALL ARREST ANCHOR [54] ANCRAJE ANTI-CHUTE [72] GURTNER, DEAN, CA [72] KERMOCIEV, DALE, CA [71] METRO SAFETY RAIL INCORPORATED, CA [22] 2017-11-20 [41] 2018-05-21 [62] 2,986,123 [30] US (62425066) 2016-11-21 [30] US (15818709) 2017-11-20</p>	<p style="text-align: right;">[21] 3,215,250 [13] A1</p> <p>[51] Int.Cl. A61K 47/68 (2017.01) A61P 35/00 (2006.01) [25] EN [54] SELECTIVE CELL TARGETING USING ADENOVIRUS AND CHEMICAL DIMERS [54] CIBLAGE CELLULAIRE SELECTIF A L'AIDE D'ADENOVIRUS ET DE DIMERES CHIMIQUES [72] O'SHEA, CLODAGH, US [72] MIYAKE-STONER, SHIGEKI, US [72] POWERS, COLIN, US [71] SALK INSTITUTE FOR BIOLOGICAL STUDIES, US [22] 2013-03-13 [41] 2013-09-19 [62] 2,867,129 [30] US (61/610,416) 2012-03-13</p>
<p style="text-align: right;">[21] 3,215,161 [13] A1</p> <p>[25] EN [54] METHOD AND APPARATUS FOR REFINING HYDROCARBONS WITH ELECTROMAGNETIC ENERGY [54] PROCEDE ET APPAREIL DE RAFFINAGE D'HYDROCARBURES FONCTIONNANT AVEC DE L'ENERGIE ELECTROMAGNETIQUE [72] BRODER, CALVAN ALLAN, CA [71] 1836272 ALBERTA LTD., CA [22] 2016-02-25 [41] 2016-09-01 [62] 2,977,686 [30] US (62/120,670) 2015-02-25</p>	<p style="text-align: right;">[21] 3,215,214 [13] A1</p> <p>[25] EN [54] PLASMON RESONANCE (PR) SYSTEM AND INSTRUMENT, DIGITAL MICROFLUIDIC (DMF) CARTRIDGE, AND METHODS OF USING LOCALIZED SURFACE PLASMON RESONANCE (LSPR) FOR ANALYSIS OF ANALYTES [54] SYSTEME ET INSTRUMENT A RESONANCE PLASMONIQUE, CARTOUCHE MICROFLUIDIQUE NUMERIQUE ET METHODES D'UTILISATION DE LA RESONANCE PLASMONIQUE DE SURFACE LOCALISEE POUR ANALYSE D'ANALYTES [72] DENOMME, RYAN, CA [72] SUDARSAN, ARJUN, US [71] NICOYA LIFESCIENCES, INC., CA [22] 2019-09-06 [41] 2020-03-06 [62] 3,061,157 [30] US (62/727,934) 2018-09-06 [30] US (62/854,103) 2019-05-29</p>	<p style="text-align: right;">[21] 3,215,255 [13] A1</p> <p>[25] EN [54] INFED AND OUTFEED ASSEMBLIES FOR A CONVEYOR [54] ENSEMBLES D'ALIMENTATION ET DE SORTIE POUR UN CONVOYEUR [72] DEGROOT, MICHAEL HENDRIK, US [72] HULSHOF, GERKO, US [72] HORTIG, PHILIPP J., US [72] STEENWYK, MATTHEW A., US [72] BATCHELDER, JEFF, US [71] LAITRAM, L.L.C., US [22] 2016-04-21 [41] 2016-10-27 [62] 2,980,927 [30] US (62/151,617) 2015-04-23</p>
<p style="text-align: right;">[21] 3,215,168 [13] A1</p> <p>[25] EN [54] STORED-VALUE CARD AGENT [54] AGENT DE CARTE A VALEUR STOCKEE [72] JIVRAJ, SALIM, CA [72] WONG, LAWRENCE GAR CHEE, CA [71] UGO MOBILE SOLUTIONS L.P., CA [22] 2016-10-07 [41] 2017-08-01 [62] 2,944,580 [30] US (62/289,688) 2016-02-01</p>		

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

[21] **3,215,266**
[13] A1

[25] EN
[54] **PROCESS FOR CAPTURE OF CARBON DIOXIDE FROM AIR AND THE DIRECT CONVERSION OF CARBON DIOXIDE INTO FUELS AND CHEMICALS**
[54] **PROCEDE DE CAPTURE DE DIOXYDE DE CARBONE DANS L'AIR ET CONVERSION DIRECTE DE DIOXYDE DE CARBONE EN CARBURANTS ET PRODUITS CHIMIQUES**
[72] SCHUETZLE, ROBERT, US
[72] SCHUETZLE, DENNIS, US
[72] WRIGHT, HAROLD, US
[72] HANBURY, ORION, US
[72] CALDWELL, MATTHEW, US
[72] RODRIGUEZ, RAMER, US
[71] INFINIUM TECHNOLOGY, LLC, US
[22] 2021-05-03
[41] 2021-11-11
[62] 3,180,810
[30] US (63/101,558) 2020-05-04

[21] **3,215,310**
[13] A1

[25] EN
[54] **METHODS FOR PRODUCING VILOXAZINE SALTS AND NOVEL POLYMORPHS THEREOF**
[54] **PROCEDES DE FABRICATION DE SELS DE VILOXAZINE ET LEURS NOUVEAUX POLYMORPHES**
[72] LIANG, LIKAN, US
[72] BHATT, PADMANABH P., US
[72] DAIN, DAVID, US
[72] TAQUET, JEAN-PHILIPPE, FR
[72] PECHENOV, ALEKSANDR, US
[72] TCHESENOKOV, ALEXEI, US
[72] MARIAUX, REYNOLD, US
[71] SUPERNUS PHARMACEUTICALS INC., US
[22] 2011-04-12
[41] 2011-10-20
[62] 3,126,096
[30] US (61/323,151) 2010-04-12

[21] **3,215,277**
[13] A1

[25] EN
[54] **PROCESSES FOR TREATING AQUEOUS COMPOSITIONS COMPRISING LITHIUM SULFATE AND SULFURIC ACID**
[54] **PROCEDES DE TRAITEMENT DE COMPOSITIONS AQUEUSES COMPRENANT DU SULFATE DE LITHIUM ET DE L'ACIDE SULFURIQUE**
[72] MAGNAN, JEAN-FRANCOIS, CA
[72] BOURASSA, GUY, CA
[72] LAROCHE, NICOLAS, CA
[72] OUELLET, BERTIN, CA
[72] BRERETON, CLIVE, CA
[72] BUCHI, STEVEN, CA
[72] NAKA, TSUKI, CA
[71] NEMASKA LITHIUM INC., CA
[22] 2017-08-28
[41] 2018-03-01
[62] 3,055,553
[30] US (62/380,056) 2016-08-26
[30] CA (2,940,509) 2016-08-26

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180 THERAPEUTICS LP	2,978,431	AMEUR, ZIED OULED	3,063,448	AYYAD, MARK	2,939,162
1QB INFORMATION		AMGEN INC.	2,896,372	BABCOCK, JOHN A.	3,073,024
TECHNOLOGIES INC.	3,024,199	AMGEN RESEARCH		BABU, YARLAGADDA S.	2,959,026
3649954 CANADA INC.	3,069,596	(MUNICH) GMBH	2,896,372	BACCHIN, PAOLO	3,021,910
410 MEDICAL, INC.	2,977,652	AMI INDUSTRIES, INC.	2,938,122	BACHTROD, MANFRED	3,184,523
9337-4585 QUEBEC INC.	2,986,470	AMI INDUSTRIES, INC.	2,939,712	BACON-MALDONADO, JOB,	
AARBAKKE INNOVATION AS	3,131,074	AMINI, MOSTAFA	3,172,914	III	3,096,162
ABACO DRILLING		AMSTED RAIL COMPANY,		BAER, MATTHEW	3,201,718
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ABBAS, MOHAMED	3,113,170	AMSUSS, SEBASTIAN	2,987,704	BAI, YING	3,064,262
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ABBONDI, MONICA	3,006,146	VANCHESWARAN		BAILEY, RICHARD	3,197,323
ABEL, STEFAN	3,165,560	KODUVAYUR	3,141,968	BAINES, GRAHAM	3,093,530
ABRAHAM, RUTH	3,018,251	ANDERBERG, JOSEPH	2,965,153	BAIR, CASSILYN	2,943,487
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ABYRX, INC.	3,104,937	ANDERSON, RANDEL	2,915,482	BAKER HUGHES OILFIELD	
ADAMS, JAMES WINDELON	2,934,925	ANDRADE, MARCUS	2,980,818	OPERATIONS LLC	3,102,018
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ADELMAN, STEVEN JAY	2,988,593	INC.	3,134,341	OPERATIONS LLC	3,138,351
ADEMCO INC.	2,923,098	ANGEL PLAYING CARDS CO.,		BAKER HUGHES OILFIELD	
AFEYAN, NOUBAR B.	2,892,297	LTD.	2,984,408	OPERATIONS LLC	3,159,831
AGAIN LIFE ITALIA SRL	2,964,858	ANGELICA HOLDINGS LLC	3,087,876	BAKER HUGHES OILFIELD	
AGRI-COVER, INC.	3,083,669	ANTONIONI HYDRAULIC		OPERATIONS LLC	3,184,946
AGRO HOLDING GMBH	3,071,041	SOLUTIONS S.R.L.	2,994,038	BAKER, DARREN J.	3,100,140
AGUILAR, EDWARD	2,915,482	ANTONIONI, ANGELO	2,994,038	BAKER, JOSEPH J.	3,067,825
AHEARN, KEVIN	3,080,615	AOKI TECHNICAL		BALA, ERDEM	3,019,371
AHEARN, KEVIN	3,080,616	LABORATORY, INC.	3,167,511	BALES, THOMAS, O., JR.	3,146,315
AHTIAINEN, RIINA	2,965,586	AOKI, KATSUSHI	3,090,225	BALL CORPORATION	3,125,637
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AINLEY, W. MICHAEL	2,908,512	ARABSKY, SERHIY	3,113,908	INC.	2,989,410
AIR PRODUCTS AND		ARABSKY, VITALIY	3,113,908	BALLERINI, PATRIZIA	2,945,706
CHEMICALS, INC.	3,129,182	ARCELORMITTAL	3,006,444	BALLMAN, KYLE	
AIRBUS HELICOPTERS	3,121,770	ARCELORMITTAL	3,137,681	CHRISTOPHER	3,035,963
AJIE SUPERIOR SOLUTIONS,		ARDILA, GERMAN	2,973,292	BALSAMO DE HERNANDEZ,	
LLC	3,016,776	ARDITO, LAUREN	2,906,104	VITTORIA	2,989,627
AKAHATA, WATARU	2,960,102	AREN LUND, SUSAN	2,937,043	BANKS AND ACQUIRERS	
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AL-BURAIK, KHALED A.	3,116,251	ARMOR DENTAL CORP.	2,934,640	HOLDING	2,973,292
ALASTALO, KAUNO	3,010,150	ARMY, DONALD E., JR.	2,932,312	BANSAL, AKSHAY	3,137,681
ALBERS, AARON	3,037,728	ARRIS INTERNATIONAL IP		BARAT, LAETITIA	3,019,637
ALBERT EINSTEIN COLLEGE		LTD	3,000,883	BARBERA MATEO, MARTA	3,127,657
OF MEDICINE	3,125,138	ASIA FASTENING (US), INC.	2,964,008	BARDEN, TIMOTHY CLAUDE	2,907,111
ALFORD, ROB	2,991,754	ASSIA SPE, LLC	3,124,797	BARKER, BRETT	2,985,459
ALLEN, BENJAMIN MICHAEL	3,081,699	ASTERJADHI, ALFRED	3,024,319	BARNES, JEFFERY R.	3,114,315
ALLEN, CLIFFORD	3,136,762	ASTUTE MEDICAL, INC.	2,965,153	BARNETT, NEIL	2,997,798
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ALLEN, THOMAS	3,080,616	AUBIN-MARCHAND, JEREMIE	3,077,290	BARROGA, CHARLENE F.	2,958,580
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ALUMAX PANEL INC.	3,172,914	AUSTIN, JAMES A., III	2,860,371	GMBH	3,161,294
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INC.	2,962,631	AXELROD, GLEN S.	3,109,661	SOLUTIONS SEEDS US	
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BENNETT, C. FRANK	2,866,392	BOMBARDIER		BURKE, MARTIN D.	3,021,061
BENNETT, DOUG	3,142,597	TRANSPORTATION GMBH	3,130,644	BURKHARD, RYAN ANDREW	3,035,963
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BESPALOV, ANTON	3,062,452	BOTURA, GALDEMIR CEZAR	2,974,254	C.R. BARD, INC.	3,009,638
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BEST, STEVEN A.	2,938,841	BOUDET, NADEGE	2,950,812	THOMAS	3,101,820
BEURDELEY, MARINE	3,111,953	BOULANGER, BERNARD	2,943,026	CACIAGLI, FRANCESCO	2,945,706
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BHATT, NIRAV	3,067,825	BOUVIER, MICHEL	2,960,902	CAISSON INTERVENTIONAL, LLC	2,964,935
BHAVARAJU, NARESH C.	3,017,255	BOWER, BENJAMIN S.	2,971,187	CALANDRA RESOURCES, INC,	
BIAN, LUANJIAN	3,125,352	BOWLIN, TERRY L.	3,132,560	CALDERARA, ALICE	2,963,612
BIEKER, GUIDO	3,130,644	BOWMAN, LEIF N.	2,953,582	CAM, DAVID VICTOR	2,949,865
BIERNAT, PAWEŁ	3,126,384	BOWMAN, LEIF N.	3,017,255	CAMERON, BEATRICE	2,889,962
BING KANG, SING	3,145,605	BOYADZHIEV, IVAYLO	3,145,605	CAMILO, NESTOR JESUS, JR.	2,928,233
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BIOGEN MA INC.	2,866,392	BRADLEY, BRIAN SCOTT	2,934,925	EMMERSON	3,132,120
BIOPOLIS, S.L.	2,972,167	BRAHMBHATT, HIMANSHU	2,963,218	CAMPBELL, UNA	3,132,120
BIOTTS S A	3,126,384	BRAMMER, CHASE	3,127,656	CAMPISI, JUDITH	3,100,140
BIRD, DOUGLAS	2,984,053	BRANDHORST, SEBASTIAN	2,888,811	CAMSO INC.	2,996,648
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		BRODEUR, CHRISTOPHER	3,135,753	CARBONCURE	
		BROERMAN, KEITH R.	3,121,023	TECHNOLOGIES INC.	2,968,246
		BROOKHAVEN SCIENCE ASSOCIATES, LLC	2,799,181	CARDEN, BRIAN ALLEN	3,138,124
		BROWN, DAVID ANDREW	2,867,401	CAREFUSION 303, INC.	2,953,115

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CARLSEN, MARIANNE	2,985,348	CIOFFI, JOHN	3,124,797	CUI, KUNYUAN	
CARLSSON, ERIK	3,049,506	CIRIK, ALI	3,154,162	CUNNINGHAM, GREGORY	
CARMEL, AVIV	2,981,225	CITY OF HOPE	2,981,504	EUGENE	3,130,845
CARMEN, SARA	2,982,400	CLARK EQUIPMENT COMPANY	3,097,540	CUREVAC AG	2,927,254
CARPENTER, MARTY	3,097,540	CLASSIC CONNECTORS, INC.	3,121,206	CURLETT, HARRY BAILEY	2,975,740
CARRANO, LUCIA	3,006,146	CLAYBROUGH, MATTHIEU	2,989,154	CURRIE, MARK	2,907,111
CARRASCO, ANALETTE	3,184,946	CLEARFLOW GROUP INC.	3,147,466	CUSTERS, DAVID MICHAEL	3,038,298
CARROLL, JOHN	3,042,852	CLENDENNING, CHARLES	3,025,295	CYBER CRUCIBLE INC.	3,148,437
CARROLL, JOSEPH P., JR.	3,067,352	CLEVELAND-CLIFFS STEEL PROPERTIES INC.	3,133,650	CYBERDERM LABORATORIES INC.	2,982,923
CARTE, AURELIEN	3,134,341	CLPLH, LLC	2,930,598	CYCLERION THERAPEUTICS, INC.	2,907,111
CARTEXELL INC.	3,116,294	COGSWELL, JOHN P.	2,873,402	CYTRELLIS BIOSYSTEMS, INC.	
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CATARINO, JOSE	3,093,597	COHEN, GUY	2,922,596	D'ANGELO, IGOR EDMONDO PAOLO	2,878,640
CATE, CASPARUS	3,069,208	COIM ASIA PACIFIC PTE. LTD.	2,987,302	D'ONOFRIO, ANTHONY MARIO	
CAVALLI, MANUELE	3,021,910	COLINO VEGA, MANUEL	3,028,018		2,892,297
CELLECTIS	3,111,953	COLLADO, JUSTIN	3,119,734	DA SILVA, RODRIGO COQUI	2,995,400
CELLMOSAIC, INC.	2,841,313	COLLINS, JOHN F.	3,121,750	DABDOUBI, TARIK	2,889,962
CELOTTA, DANIEL W.	2,943,020	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	3,003,079	DAESELEIRE, PIETER	3,046,380
CENOVUS ENERGY INC.	3,063,448	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	3,003,086	DAHLBERG, KIRK WALTER	2,943,487
CHAE, JIN-A	3,116,294	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	3,003,089	DAHOD, SHABBIR M.	3,036,868
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CHAMNEY, PAUL	2,773,495	CONCAGH, DANNY	2,986,444	DALE, ROBERT	3,075,486
CHAMPIONX USA INC.	2,989,627	CONG, XINRI	2,807,807	DALKARA MOUROD, DENIZ	3,069,946
CHAMPIONX USA INC.	2,993,189	CONGREVE, MILES STUART	2,993,484	DANA-FARBER CANCER INSTITUTE, INC.	2,995,372
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CHAN, JIMMY	2,971,187	CONMED CORPORATION	3,121,750	DARR, ANIQ	3,104,937
CHAN, KATRINA	3,007,462	CONSTANTIN, ALEXANDRA ELENA	3,017,255	DAVALOS, ALBERT	3,100,140
CHAN, KWOK TUNG	3,033,740	CONWAY, BILL	2,996,163	DAVID, NATHANIEL	3,100,140
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CHANG, WALLY LIYUAN	2,987,302	COOPER, FRANCIS	3,007,453	DAVIES, ROGER	3,100,091
CHEN, FEI	3,129,182	CONTELLING, RANDOLPH	2,986,444	DAVIS, ANNA LEIGH	3,017,255
CHEN, LING	2,966,252	CONTEVA AGRISCIENCE LLC	2,807,807	DAWSON, MICHAEL	2,939,061
CHEN, SHUAI	2,985,348	CONVATEC TECHNOLOGIES INC.	2,993,484	DAWSON-HAGGERTY, MICHAEL	
CHEN, XU	3,122,329	CONY, JOHN	3,009,638		3,080,615
CHEN, YING	2,950,892	CONY, RANDY	3,121,750	DAYTON, LIONEL E.	2,964,008
CHEN, YOULUNG	2,943,487	DE BOER, TON	3,017,255	DE LA TORRE, PATRICIO	3,125,957
CHENG, CHIA-WEI	2,888,811	DEBLOIS, DENIS	2,996,163	DECARY, STEPHANIE	2,889,962
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CHOCHUA, GOCHA	2,939,162	DEMARBIA, MARCO	3,002,591	DEMERY, BIN	
CHOI, GILWOO	3,064,262	DEMARBIA, MARCO	3,197,072	DEMERY, BIN	
CHOI, JANGWON	3,085,391	DEMARBIA, MARCO	2,799,181	DEMERY, BIN	
CHOI, JUNG HWAN	2,979,815	DEMARBIA, MARCO	3,002,591	DEMERY, BIN	
CHOI, JUNGGAH	3,085,391	DEMARBIA, MARCO	2,799,181	DEMERY, BIN	
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MCMAHAN, WILLIAM CHU- HYON	3,080,615	MIND MEDICINE, INC.	3,072,780	MURUGIAH,	
MCPHERSON, PAUL		MINTER, PETER J.	3,064,594	SACHIDANANDAN	2,945,251
MCWHIRTER, JOHN		MINTER, PETER J.	3,116,902	MUSTELIN, TOMAS M.	2,982,400
MEADE, THOMAS J.		MIRSKY, ETHAN	2,838,955	MUTCHLER, AUSTIN WYATT	3,113,978
MEASE, RONNIE C.		MITCHELL, JEFFREY JOSEPH	2,999,224	MUTO, MANABU	2,962,551
MEDICENNA THERAPEUTICS, INC.	2,925,417	MITCHELL, MICHAEL L.	3,099,152	MYERS, DAVID	2,989,410
MEDIMMUNE LIMITED	2,982,400	MITCHELL, MICHAEL P.	3,127,844	MYLLYOJA, JUKKA	2,952,483
MEDLEY, JONATHAN W.	3,099,152	MITCHELL, MICHAEL P.	3,127,846	MYLLYOJA, JUKKA	2,952,493
MEDOS INTERNATIONAL SARL		MITCHELL, MICHAEL P.	3,127,850	MYUNG, SE-HO	3,111,603
MEDVEDEV, ILYA	2,906,104	MITROVIC, LAZAR	2,921,396	MYUNG, SE-HO	3,121,696
MEERPOEL, LIEVEN	2,921,396	mitsubishi electric		NACCACHE, DAVID	2,973,292
MEI, GIULIA	2,940,918	CORPORATION	3,138,424	NADUTHAMBI, DEVAN	3,099,152
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MELANSON, PAUL CHARLES	3,019,379	LTD.	3,144,946	NAGRAVISION S.A.	2,987,151
MELER, JAN	3,156,917	MIZUNO, DAISUKE	3,138,424	NAKAI, TAKASHI	2,907,111
MELLEM, KEVIN T.	3,126,384	MOBLEY, WILLIAM C.	2,966,423	NAKAMURA, KEVIN	2,965,153
MENDEZ, MAX, PIERRE	3,021,061	MOCHIZUKI, TOSHIO	3,148,069	NAMKUNG, YOON	2,960,902
MENG, LINGHUA	3,146,315	MOEBIUS, HANS J.	3,062,452	NANCHAHAL, JAGDEEP	2,978,431
MENSAH, ROBERT	2,966,252	MOELLENDICK, TIMOTHY E.	3,164,326	NANJING CHERVON	
MERCY, GUILLAUME JEAN MAURICE	2,827,828	MOFAKHAMI, MOHAMMAD		INDUSTRY CO., LTD.	3,103,581
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MERMERIAN, ARA	2,907,111	MOK, MICHAEL ANDREW	2,773,495	NARAYAN, VIVEK MADHU	
MESLIQUI, SID-ALI	2,937,319	MOLNLYCKE HEALTH CARE	2,962,706	SUDAN BADRI	3,036,868
MESO SCALE TECHNOLOGIES, LLC.	2,807,807	AB	3,049,506	NARETTO, NICOLAS	2,945,762
MESSICK, TROY E.	2,985,348	MOLONEY, JEREMY	3,136,427	NATIONAL CANCER CENTER	2,953,220
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		LLC	3,123,573	NAWROTH, JANNA	3,135,597
		MONTAGNA, CAITLIN	2,953,499	NCIPHER SECURITY LIMITED	3,123,268
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		CORPORATION	3,004,556	NEC CORPORATION	3,033,466
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		RENEWABLES, LLC	3,025,206	NEIL, TYLER AUSTIN	3,105,105
		MONTE, GIANNI	3,114,315	NELSON, MICHAEL C.	3,113,978
		MONTOYA, CODY	2,907,111	NELSON, PHIL	2,979,254
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2MT MINING PRODUCTS PTY LTD	3,195,429	BRANDT, KARSTEN	3,195,957	D3 INNOVATION INC.	3,178,600
2S WATER INCORPORATED	3,170,777	BRAVIN, MELISSA MARIE	3,192,103	D3 INNOVATION INC.	3,178,601
A.C. DANDY PRODUCTS LTD.	3,180,695	BROAN-NUTONE LLC	3,195,716	DECARBTEK GLOBAL CORP.	3,195,724
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ARCONIC TECHNOLOGIES LLC	3,193,211	CASTRO, RENATO DE CATERPILLAR	3,195,733	DUBOUIX, PHILIPPE	3,196,071
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		ANJARIUM BIOSCIENCES AG	3,214,659	BAILEY, JEANIE	3,214,573
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BENYETTOU, FARAH	3,214,679	BOSTON DYNAMICS, INC.	3,214,769	CAMPBELL, JAMIE LEIGH	3,214,821
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