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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:	N/A	
a) for each request	\$10	
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 :	S.O.
a) pour chaque demande	10 \$
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'abrégé 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
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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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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 Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Electronic Correspondence

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

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

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

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

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

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

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

2. Correspondance électronique

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

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

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

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

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

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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 July 4, 2023 contains applications open to public inspection from June 18, 2023 to June 24, 2023.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 4 juillet 2023 contient les demandes disponibles au public pour consultation pour la période du 18 juin 2023 au 24 juin 2023.

Canadian Patents Issued

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[72] DRESSLER, DIRK, DE
[73] MERZ PHARMA GMBH & CO. KGAA, DE
[85] 2008-12-02
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[72] SAFAEE, HOOMAN, CA
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[72] MUNKVOLD, JESSE DAVID, US
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[72] DE VOS, MARTIN, NL
[73] KEYGENE N.V., NL
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[73] LABORATORY CORPORATION OF AMERICA HOLDINGS, US
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 - [72] ZHANG, MING, US
 - [72] KANNAN, GUNASEKARAN, US
 - [72] JACOBSEN, FREDERICK W., US
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 - [72] HOARTY, W. LEO, US
 - [72] REED, BRIAN, US
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<p align="right">[11] 2,910,406 [13] C</p> <p>[51] Int.Cl. A61B 5/11 (2006.01) A61B 5/103 (2006.01) A61H 23/06 (2006.01) A61H 99/00 (2006.01) A61H 13/00 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS OF USING AN ENHANCED THERAPEUTIC STIMULUS FOR NON-NUTRITIVE SUCK ENTRAINMENT SYSTEM</p> <p>[54] PROCEDES D'UTILISATION D'UN STIMULUS THERAPEUTIQUE AMELIORE POUR SYSTEME D'ENTRAINEMENT A LA SUCCION NON NUTRITIVE</p> <p>[72] BARLOW, STEVEN M., US</p> <p>[72] STALLING, DAVID L., US</p> <p>[72] ARON, KENNETH, US</p> <p>[73] UNIVERSITY OF KANSAS, US</p> <p>[73] INNARA HEALTH, INC., US</p> <p>[85] 2015-10-26</p> <p>[86] 2013-04-26 (PCT/US2013/038400)</p> <p>[87] (WO2013/163537)</p> <p>[30] US (13/457,154) 2012-04-26</p>	<p align="right">[11] 2,911,855 [13] C</p> <p>[51] Int.Cl. C04B 7/00 (2006.01)</p> <p>[25] FR</p> <p>[54] GEOSYNTHESIS BINDER INCLUDING AN ALKALINE-CALCIUM ACTIVATOR AND A SILICO-ALUMINOUS COMPOUND</p> <p>[54] LIANT DE GEOSYNTHÈSE COMPRENANT UN ACTIVATEUR ALCALINO-CALCIQUE ET UN COMPOSÉ SILICO-ALUMINEUX</p> <p>[72] LE GOUIL, CEDRIC, FR</p> <p>[72] LEROY, ARNAUD, FR</p> <p>[73] COLAS, FR</p> <p>[86] (2911855)</p> <p>[87] (2911855)</p> <p>[22] 2015-11-10</p> <p>[30] FR (1460954) 2014-11-13</p>	<p align="right">[11] 2,912,584 [13] C</p> <p>[51] Int.Cl. C23C 14/06 (2006.01) C23C 14/08 (2006.01) C23C 14/32 (2006.01) C23C 28/00 (2006.01) C23C 28/04 (2006.01)</p> <p>[25] EN</p> <p>[54] CHROMIUM-BASED OXIDATION PROTECTION LAYER</p> <p>[54] COUCHE DE PROTECTION CONTRE L'OXYDATION A BASE DE CHROME</p> <p>[72] RAMM, JUERGEN, CH</p> <p>[73] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH</p> <p>[85] 2015-11-15</p> <p>[86] 2014-04-14 (PCT/EP2014/000991)</p> <p>[87] (WO2014/170005)</p> <p>[30] US (61/812,350) 2013-04-16</p>

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 - [25] EN
 - [54] A VIRUS-LIKE PARTICLE COMPRISING A MALARIA ANTIGEN AND USE THEREOF AS A MALARIA VACCINE
 - [54] PARTICULES PSEUDO-VIRALES DU VIRUS COMPRENANT UN ANTIGENE CONTRE LA MALARIA ET LEUR UTILISATION COMME UN VACCIN CONTRE LA MALARIA
 - [72] UENO, RYUJI, US
 - [72] AKAHATA, WATARU, US
 - [73] VLP THERAPEUTICS, INC., US
 - [85] 2015-11-23
 - [86] 2014-06-02 (PCT/JP2014/065166)
 - [87] (WO2014/196648)
 - [30] US (61/830,436) 2013-06-03
 - [30] US (61/906,583) 2013-11-20
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- [25] EN
- [54] A METHOD AND SURVEY SERVER FOR PERFORMING A WEB SURVEY BASED ON BEHAVIORAL DATA SPECIFIC TO A WEB PAGE
- [54] UNE METHODE ET UN SERVEUR DE SONDAGE DESTINES A EXECUTER UN SONDAGE WEB FONDE SUR DES DONNEES COMPORTEMENTALES ASSOCIEES A UNE PAGE WEB
- [72] COCHRANE, LANE, CA
- [72] LAROCQUE, AUDRY, CA
- [72] BUTLER, MATTHEW, US
- [72] ZAKAIB, DEREK, CA
- [73] EMPLIFI, INC., US
- [86] (2914898)
- [87] (2914898)
- [22] 2015-12-14
- [30] US (14/597,288) 2015-01-15

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- [25] EN
- [54] DEEP BRAIN STIMULATOR AND METHOD OF USE
- [54] DISPOSITIF DE STIMULATION CEREBRALE PROFONDE ET SON PROCEDE D'UTILISATION
- [72] STROTHER, ROBERT, US
- [72] RUBIN, STUART, US
- [72] SAKAI, JONATHAN, US
- [73] DEEP BRAIN INNOVATIONS LLC, US
- [85] 2015-12-18
- [86] 2014-05-22 (PCT/US2014/039168)
- [87] (WO2014/190167)
- [30] US (61/826,361) 2013-05-22
- [30] US (61/826,388) 2013-05-22
- [30] US (61/826,384) 2013-05-22

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- [25] EN
- [54] SYSTEMS, METHODS AND APPARATUS FOR OBTAINING DATA RELATING TO CONDITION AND PERFORMANCE OF CONCRETE MIXTURES
- [54] SYSTEMES, METHODES ET APPAREILS SERVANT A OBTENIR DES DONNEES RELATIVES A LA CONDITION ET AU RENDEMENT DE MELANGES DE BETON
- [72] RADJY, FARROKH F., US
- [73] QUIPIP, LLC, US
- [86] (2919626)
- [87] (2919626)
- [22] 2015-10-28
- [30] US (14/810,748) 2015-07-28

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- [25] EN
- [54] TRACK JOINT ASSEMBLIES
- [54] ENSEMBLES D'ARTICULATION DE CHENILLE
- [72] BREWER, CAROLINE M., US
- [72] KAUFMANN, GREGORY J., US
- [72] THORSON, TIMOTHY A., US
- [72] STEINER, KEVIN L., US
- [72] DIEKEVERS, MARK S., US
- [72] AKINLUA, TEMITOPE O., US
- [72] MEYER, ROBERT L., US
- [73] CATERPILLAR INC., US
- [85] 2016-02-10
- [86] 2014-08-25 (PCT/US2014/052539)
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- [25] EN
- [54] HYBRID REACTOR AND PROCESS FOR REMOVING SELENIUM
- [54] REACTEUR HYBRIDE ET PROCEDE D'EXTRACTION DU SELENIUM
- [72] LIU, MINGGANG, CA
- [72] CUMIN, JEFFREY RONALD, CA
- [72] VICEVIC, GLENN, CA
- [72] OWERDIECK, CARSTEN, CA
- [72] FONSECA, NELSON, CA
- [73] BL TECHNOLOGIES, INC., US
- [86] (2922111)
- [87] (2922111)
- [22] 2016-02-29
- [30] US (62/131,579) 2015-03-11
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F02C 7/236 (2006.01)
[25] EN
[54] RETURN FLOW POWERED
TURBINE
[54] TURBINE ALIMENTEE PAR
RETOUR DE FLUX
[72] POOL, ANDREW J., US
[72] RUBEL, JOEL M., US
[72] PATZER, PERRY J., US
[72] HOLLANDER, STEPHEN E., US
[73] ROLLS-ROYCE CORPORATION, US
[86] (2923199)
[87] (2923199)
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[30] US (62/131,963) 2015-03-12
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(2006.01)
[25] EN
[54] TARGET ATTACHMENT SYSTEM,
SECONDARY TARGET
ATTACHMENT DEVICE AND
METHOD OF USING THE SAME
[54] MECANISME DE FIXATION DE
CIBLE, DISPOSITION DE
FIXATION DE CIBLE
SECONDAIRE ET METHODE
D'UTILISATION ASSOCIEE
[72] COTE, ETIENNE, CA
[72] COTE, ALEXANDRE, CA
[73] 9091-4532 QUEBEC INC., CA
[86] (2923206)
[87] (2923206)
[22] 2016-03-07
[30] US (62128599) 2015-03-05
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[13] C

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[25] EN
[54] RETRIEVABLE DOWNHOLE
TOOL
[54] OUTIL DE FOND DE TROU
RECUPERABLE
[72] GREENLEE, DONALD R., US
[73] NINE DOWNHOLE
TECHNOLOGIES, LLC, US
[86] (2924287)
[87] (2924287)
[22] 2016-03-17
[30] US (14/666,398) 2015-03-24
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[13] C

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[25] EN
[54] SYSTEM AND METHOD FOR
EFFECTUATING FAST CHANNEL
CHANGE IN AN ADAPTIVE
STREAMING ENVIRONMENT
[54] SYSTEME ET PROCEDE
D'EXECUTION DE
CHANGEMENT DE CANAUX
RAPIDE DANS UN
ENVIRONNEMENT DE
DIFFUSION EN FLUX
ADAPTATIVE
[72] PHILLIPS, CHRIS, US
[72] DASHER, CHARLES HAMMETT, US
[72] ROBERTSON, MARK, US
[72] FORSMAN, ROBERT HAMMOND,
US
[72] REYNOLDS, JENNIFER ANN, US
[73] ERICSSON AB, SE
[85] 2016-03-24
[86] 2014-09-23 (PCT/IB2014/064782)
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[25] EN
[54] MOUNTING STRUCTURE WITH
AMBULATING TRANSPORT
SYSTEM
[54] STRUCTURE D'INSTALLATION
DOTEE D'UN DISPOSITIF DE
TRANSPORT DE ROUTINE
[72] SMITH, SHAWN R., US
[72] SMITH, HARLAN B., US
[73] ENTRO INDUSTRIES, INC., US
[86] (2925794)
[87] (2925794)
[22] 2016-03-31
[30] US (62/144,265) 2015-04-07
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[13] C

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[25] EN
[54] A GROUP FOR LOCALIZING A
MOVING TARGET IN A
WAREHOUSE WITH AUTOMATIC
GUIDED VEHICLES
[54] UN GROUPE SERVANT A
LOCALISER UNE CIBLE MOBILE
DANS UN ENTREPOT AU MOYEN
DE VEHICULES GUIDES
AUTOMATIQUES
[72] MONICA, STEFANIA, IT
[72] FERRARI, GIANLUIGI, IT
[72] MAGNANI, MASSIMILIANO, IT
[72] OLEARI, FABIO, IT
[72] DE MOLA, FRANCESCO, IT
[73] E80 GROUP S.P.A., IT
[86] (2926105)
[87] (2926105)
[22] 2016-04-04
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21/08 (2006.01)
[25] EN
[54] LOOSEFILL INSULATION
BLOWING MACHINE WITH A
FULL HEIGHT BALE GUIDE
[54] MACHINE DE SOUFFLAGE
D'ISOLANT EN VRAC AU MOYEN
D'UN GUIDE DE BALLOT PLEINE
HAUTEUR
[72] COOK, DAVID M., US
[72] JENKINS, TODD, US
[72] CRISP, RYAN S., US
[73] OWENS CORNING INTELLECTUAL
CAPITAL, LLC, US
[86] (2926499)
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[22] 2016-04-07
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 - [25] EN
 - [54] **MIXED MEDIA CALL ROUTING**
 - [54] **ACHEMINEMENT D'APPELS DE MEDIAS MELANGES**
 - [72] KAMBOH, AMEEL, US
 - [73] MOTOROLA SOLUTIONS CONNECTIVITY, INC., US
 - [85] 2016-04-06
 - [86] 2014-09-23 (PCT/US2014/057015)
 - [87] (WO2015/048034)
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 - [54] **FLUID SCRUBBING APPARATUS**
 - [54] **APPAREIL DE RECURAGE DE FLUIDE**
 - [72] MCKEE, SHELDON, CA
 - [73] MCKEE, SHELDON, CA
 - [86] (2929817)
 - [87] (2929817)
 - [22] 2016-05-13
 - [30] US (62161882) 2015-05-15
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- [51] Int.Cl. A61K 9/16 (2006.01) A61K 9/48 (2006.01) A61K 31/506 (2006.01)
- [25] EN
- [54] **PHARMACEUTICAL DOSAGE FORMS COMPRISING PROTEIN KINASE INHIBITOR**
- [54] **FORMES DE DOSAGE PHARMACEUTIQUE COMPRENANT UN INHIBITEUR DE PROTEINE KINASE**
- [72] RIBEIRO, SUZIE, CH
- [73] NOVARTIS AG, CH
- [85] 2016-05-09
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- [87] (WO2015/087283)
- [30] US (61/915,606) 2013-12-13

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 - [25] EN
 - [54] **METHOD AND APPARATUS FOR FAST QUANTITATIVE ANALYSIS OF A MATERIAL BY LASER INDUCED BREAKDOWN SPECTROSCOPY (LIBS)**
 - [54] **PROCEDE ET APPAREIL D'ANALYSE QUANTITATIVE RAPIDE D'UN MATERIAU PAR SPECTROSCOPIE D'EMISSION DE PLASMA INDUIT PAR LASER (LIBS)**
 - [72] DOUCET, FRANCOIS, CA
 - [72] SABSABI, MOHAMAD, CA
 - [72] OZCAN, LUTFU-CELEBI, CA
 - [72] GRAVEL, JEAN-FRANCOIS, CA
 - [72] BOISMENU, FRANCIS, CA
 - [73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
 - [85] 2016-05-26
 - [86] 2014-11-26 (PCT/CA2014/000850)
 - [87] (WO2015/077867)
 - [30] US (61/909,043) 2013-11-26
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- [25] EN
- [54] **LOOSEFILL INSULATION BLOWING MACHINE WITH REMOVABLE HOSE HUB**
- [54] **MACHINE DE SOUFFLAGE D'ISOLANT EN VRAC DOTEÉE D'UN MOYEU DE TUYAU AMOVIBLE**
- [72] COOK, DAVID M., US
- [72] ROBINSON, BRANDON, US
- [72] MNICH, MARK E., US
- [72] CRISP, RYAN S., US
- [72] RELYEYA, CHRISTOPHER, US
- [72] FINKLEA, TERRY, US
- [72] CICENAS, CHRIS W., US
- [73] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
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- [87] (2931714)
- [22] 2016-06-01
- [30] US (62/169,658) 2015-06-02

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 - [25] FR
 - [54] **GASTRORETENTIVE ORAL PHARMACEUTICAL BACLOFEN TABLET**
 - [54] **COMPRIME PHARMACEUTIQUE ORAL DE BACLOFENE A RETENTION GASTRIQUE**
 - [72] HERRY, CATHERINE, FR
 - [72] CONTAMIN, PAULINE, FR
 - [73] ETHYPHARM, FR
 - [85] 2016-06-14
 - [86] 2014-12-18 (PCT/EP2014/078597)
 - [87] (WO2015/091874)
 - [30] FR (1362916) 2013-12-18
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- [51] Int.Cl. C07K 16/26 (2006.01)
- [25] EN
- [54] **COMPOSITIONS AND METHODS FOR TREATING FATTY TISSUE BUILDUP**
- [54] **COMPOSITIONS ET METHODES PERMETTANT DE LUTTER CONTRE L'ACCUMULATION DE TISSU GRAISSEUX**
- [72] WOLFE, M. MICHAEL, US
- [72] BOYLAN, MICHAEL O., US
- [73] MHS CARE-INNOVATION LLC, US
- [85] 2016-06-15
- [86] 2014-12-17 (PCT/US2014/070901)
- [87] (WO2015/095354)
- [30] US (61/917,136) 2013-12-17
- [30] US (61/974,660) 2014-04-03
- [30] US (62/007,255) 2014-06-03
- [30] US (62/045,189) 2014-09-03
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[25] EN
[54] BEVERAGE DISPENSING APPARATUS WITH PRESENCE SENSING
[54] APPAREIL DE DISTRIBUTION DE BOISSONS COMPORTANT UNE DETECTION DE PRESENCE
[72] MARTINDALE, RICHARD A., US
[72] HECHT, THOMAS R., US
[73] AUTOMATIC BAR CONTROLS, INC., US
[85] 2016-06-27
[86] 2014-12-31 (PCT/US2014/073011)
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[25] EN
[54] METHOD FOR MAKING CERAMIC MATRIX COMPOSITE ARTICLES
[54] PROCEDE DE FABRICATION D'ARTICLES COMPOSITES A MATRICE CERAMIQUE
[72] HARRIS, STEPHEN ISAIAH, US
[73] ROLLS-ROYCE HIGH TEMPERATURE COMPOSITES, INC., US
[86] (2935952)
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[22] 2016-07-13
[30] US (14/798,019) 2015-07-13
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[25] EN
[54] POLOXAMER-BASED INTRALESIONAL INJECTIONS FOR THE DELIVERY OF CHEMOTHERAPEUTIC AGENTS
[54] INJECTIONS INTRALESIONS A BASE DE POLOXAMERE DESTINEES A ADMINISTRER DES AGENTS CHIMIOTHERAPEUTIQUES
[72] SIMMONS, CHRIS V., US
[72] CARRERO, DANNY, US
[73] PROFESSIONAL COMPOUNDING CENTERS OF AMERICA (PCCA), US
[73] BEST PET RX IP, INC., US
[86] (2936070)
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[22] 2016-07-14
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[25] EN
[54] INFLATABLE LOUNGE CHAIR AND METHODS OF MANUFACTURING SAME
[54] CHAISE LONGUE GONFLABLE ET METHODE DE FABRICATION ASSOCIEE
[72] OSIMO, PAUL, US
[73] AQUA-LEISURE RECREATION, LLC., US
[86] (2936630)
[87] (2936630)
[22] 2016-07-21
[30] US (62/195,218) 2015-07-21
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[25] EN
[54] CYCLODEXTRIN COMPOSITIONS ENCAPSULATING A SELECTIVE ATP INHIBITOR AND USES THEREOF
[54] COMPOSITIONS DE CYCLODEXTRINE ENCAPSULANT UN INHIBITEUR ATP SELECTIF ET LEURS UTILISATIONS
[72] GESCHWIND, JEAN-FRANCOIS, US
[72] GANAPATHY-KANNIAPPAN, SHANMUGASUNDARAM, US
[72] SUR, SUROJIT, US
[72] VOGELSTEIN, BERT, US
[72] KINZLER, KENNETH W., US
[73] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2016-07-14
[86] 2015-01-14 (PCT/US2015/011344)
[87] (WO2015/108933)
[30] US (61/927,259) 2014-01-14
[30] US (61/992,572) 2014-05-13
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[13] C

- [51] Int.Cl. A61N 1/36 (2006.01) A61B 5/11 (2006.01)
[25] EN
[54] SYSTEMS AND APPARATUS FOR GAIT MODULATION AND METHODS OF USE
[54] SYSTEMES ET APPAREIL POUR MODULATION DE DEMARCHE, ET PROCEDES D'UTILISATION
[72] GLUKHOVSKY, ARKADY, US
[72] MCBRIDE, KEITH, US
[73] BIONESS INC., US
[85] 2016-07-14
[86] 2015-03-17 (PCT/US2015/020992)
[87] (WO2015/148184)
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 - [25] FR
 - [54] DEVICE AND TREATMENT PROCESS BY HYDROTHERMAL LIQUIFACTION FOR BLACK LIQUOR FROM THE PREPARATION OF PAPER PASTE
 - [54] DISPOSITIF ET PROCEDE DE TRAITEMENT DE LA LIQUEUR NOIRE PROVENANT DE LA PREPARATION DE PATE A PAPIER PAR LIQUEFACTION HYDROTHERMALE
 - [72] HUET, MARION, FR
 - [72] LACHENAL, DOMINIQUE, FR
 - [72] ROUBAUD, ANNE, FR
 - [73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
 - [86] (2937274)
 - [87] (2937274)
 - [22] 2016-07-28
 - [30] FR (1557351) 2015-07-31
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- [51] Int.Cl. C10M 163/00 (2006.01) C10M 135/06 (2006.01) C10M 159/22 (2006.01)
- [25] EN
- [54] LUBRICATING OIL COMPOSITIONS
- [54] COMPOSITIONS D'HUILE LUBRIFIANTE
- [72] MARSH, ADAM PAUL, GB
- [72] MALE, NIGEL ANTHONY, GB
- [72] HARTLEY, JOSEPH PETER, GB
- [73] INFINEUM INTERNATIONAL LIMITED, GB
- [86] (2938020)
- [87] (2938020)
- [22] 2016-08-05
- [30] EP (15182603.9) 2015-08-26

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 - [25] EN
 - [54] INTERRUPTION APPARATUS EMPLOYING ACTUATOR HAVING MOVABLE ENGAGEMENT ELEMENT
 - [54] APPAREIL D'INTERRUPTION EMPLOYANT UN ACTIONNEUR AYANT UN ELEMENT D'ENGAGEMENT MOBILE
 - [72] HAUGEN, JAY NICHOLSON, US
 - [72] MALONEY, JAMES GERARD, US
 - [73] EATON INTELLIGENT POWER LIMITED, IE
 - [86] (2938492)
 - [87] (2938492)
 - [22] 2016-08-09
 - [30] US (14/881,223) 2015-10-13
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- [51] Int.Cl. E21B 34/06 (2006.01) E21B 34/14 (2006.01)
- [25] EN
- [54] INFLOW CONTROL DEVICE FOR WELLBORE OPERATIONS
- [54] DISPOSITIF DE CONTROLE DU FLUX ENTRANT DESTINE A DES OPERATIONS DE PUITS DE FORAGE
- [72] VAN PETEGEM, RONALD, US
- [72] EMERSON, JOHN LEE, US
- [73] PACKERS PLUS ENERGY SERVICES INC., CA
- [86] (2938715)
- [87] (2938715)
- [22] 2016-08-12
- [30] US (62/204,611) 2015-08-13
- [30] US (62/281,340) 2016-01-21

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 - [25] EN
 - [54] COMPUTER-BASED MEDIA CONTENT CLASSIFICATION AND DISCOVERY SYSTEM AND RELATED METHODS
 - [54] SYSTEME DE CLASSIFICATION ET DE DECOUVERTE DE CONTENU MULTIMEDIA BASE SUR ORDINATEUR ET METHODES ASSOCIEES
 - [72] HIGBIE, COLIN LAIRD, US
 - [73] HIGBIE, COLIN LAIRD, US
 - [85] 2016-08-08
 - [86] 2015-02-09 (PCT/US2015/014958)
 - [87] (WO2015/120354)
 - [30] US (61/937,487) 2014-02-08
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 - [25] EN
 - [54] SAFETY POWER CONNECTING SYSTEM AND METHOD FOR ELECTRIC WATER HEATERS
 - [54] SYSTEME DE RACCORDEMENT D'ALIMENTATION DE SECURITE ET METHODE DESTINEE A DES CHAUFFE-EAU ELECTRIQUES
 - [72] LESAGE, CLAUDE, CA
 - [73] GIANT FACTORIES INC., CA
 - [86] (2940784)
 - [87] (2940784)
 - [22] 2016-08-31
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[11] **2,941,079**
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- [25] FR
- [54] OIL COOLER INTEGRATED INTO PYLON
- [54] REFROIDISSEUR D'HUILE INTEGRE AU PYLONE
- [72] LEMARCHAND, KEVIN MORGANE, FR
- [73] SAFRAN AIRCRAFT ENGINES, FR
- [86] (2941079)
- [87] (2941079)
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[54] HEALTH RISK INDICATOR DETERMINATION
[54] DETERMINATION D'INDICATEUR DE RISQUE POUR LA SANTE
[72] WISLOFF, ULRIK, NO
[72] GUTVIK, CHRISTIAN RAGNAR, NO
[73] BEIJING SHUNYUAN KAIHUA TECHNOLOGY LIMITED, CN
[85] 2016-09-19
[86] 2015-03-20 (PCT/EP2015/056025)
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- [51] Int.Cl. E06B 9/42 (2006.01)
[25] EN
[54] TORQUE TRANSFER COUPLER WITH ANTI-SLIP FEATURE FOR ROLLER BLIND DRIVE MECHANISM
[54] COUPLEUR DE TRANSFERT DE COUPLE DOTE D'UNE FONCTIONNALITE ANTI-DERAPAGE DESTINEE A UN MECANISME D'ENTRAINEMENT DE STORE ENROULEUR
[72] NG, PHILIP, CA
[73] ZMC METAL COATING INC., CA
[86] (2943738)
[87] (2943738)
[22] 2016-09-28
[30] US (62/268,250) 2015-12-16

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[13] C

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[25] EN
[54] RECORDING MEDIUM, PLAYBACK DEVICE, AND PLAYBACK METHOD
[54] SUPPORT D'ENREGISTREMENT, DISPOSITIF DE LECTURE, ET PROCEDE DE LECTURE
[72] YAHATA, HIROSHI, JP
[72] TOMA, TADAMASA, JP
[73] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
[85] 2016-10-04
[86] 2015-08-21 (PCT/JP2015/004185)
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[30] US (62/049,660) 2014-09-12
[30] JP (2015-138166) 2015-07-09
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[13] C

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[25] EN
[54] ANGLE OF ATTACK VANE WITH DIFFERENTIAL PRESSURE VALIDATION
[54] GIROUETTE D'ANGLE D'ATTAQUE A VALIDATION DE PRESSION DIFFERENTIELLE
[72] BENNING, KEVIN, US
[73] ROSEMOUNT AEROSPACE INC., US
[86] (2946059)
[87] (2946059)
[22] 2016-10-19
[30] US (14/991,583) 2016-01-08

[11] 2,946,418
[13] C

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[25] EN
[54] COMBINATION THERAPY FOR TREATING CANCER WITH A RECOMBINANT POXVIRUS EXPRESSING A TUMOR ANTIGEN AND AN IMMUNE CHECKPOINT MOLECULE ANTAGONIST OR AGONIST
[54] POLYTHERAPIE DESTINEE A TRAITER LE CANCER AVEC UN POXVIRUS RECOMBINANT EXPRIMANT UN ANTIGENE TUMORAL ET UN ANTAGONISTE OU AGONISTE D'UNE MOLECULE INHIBITRICE DE POINTS DE CONTROLE IMMUNITAIRES
[72] FOY, SUSAN, US
[72] MANDL, STEFANIE, US
[72] ROUNTREE, RYAN, US
[72] FRANZUSOFF, ALEX, US
[73] BAVARIAN NORDIC A/S, DK
[85] 2016-10-19
[86] 2015-05-08 (PCT/US2015/029855)
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[30] US (61/992,788) 2014-05-13
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[25] EN
[54] PROSTHETIC VALVE AND METHOD OF MAKING A PROSTHETIC VALVE
[54] VALVULE PROTHETIQUE ET PROCEDE DE FABRICATION DE VALVULE PROTHETIQUE
[72] GRUNDEMAN, PAUL FREDERIK, NL
[72] KLUIN, JOLANDA, NL
[72] BOON-CEELEN, KARLIEN, NL
[72] KONIG, THOMAS, NL
[73] DSM IP ASSETS B.V., NL
[85] 2016-10-26
[86] 2015-05-06 (PCT/EP2015/059982)
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[30] EP (14167271.7) 2014-05-06
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 - [25] EN
 - [54] METHOD FOR INCREASING RECOVERY OF OIL FROM CARBONATE OIL RESERVOIRS UTILIZING AN "IN SITU" ORGANIC APPROACH
 - [54] PROCEDE D'AUGMENTATION DE LA RECUPERATION DE PETROLE DE RESERVOIRS DE PETROLE CARBONATES UTILISANT UNE APPROCHE ORGANIQUE " IN SITU "
 - [72] SHEEHY, ALAN JAMES (DECEASED), US
 - [72] CARROLL, MICHAEL THOMAS, US
 - [72] HILL, COLIN KENNETH, US
 - [72] MARCOTTE, BRIAN W. G., US
 - [73] TITAN OIL RECOVERY, INC., US
 - [85] 2016-11-16
 - [86] 2015-05-20 (PCT/US2015/031814)
 - [87] (WO2015/179545)
 - [30] US (62/000,786) 2014-05-20
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- [25] EN
- [54] PROCESS FOR THE HYDROLYSIS OF LIGNOCELLULOSIC MATERIAL, WHEREIN THE HYDROLYSATE IS USED FOR MICROBIAL HYDROLASE PRODUCTION
- [54] PROCEDE D'HYDROLYSE DE MATIERE LIGNOCELLULOSIQUE, L'HYDROLYSAT SERVANT A LA PRODUCTION D'HYDROLASE MICROBIENNE
- [72] ZAVREL, MICHAEL, DE
- [72] DENNEWALD, DANIELLE, DE
- [72] BARTUCH, JOERG, DE
- [72] MARCKMANN, HENNING, DE
- [73] CLARIANT PRODUKTE (DEUTSCHLAND) GMBH, DE
- [85] 2016-11-18
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- [87] (WO2015/177189)
- [30] EP (14001784.9) 2014-05-21

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 - [25] EN
 - [54] CATALYTIC OR ELECTROCATALYTIC GENERATION OF CHLORINE DIOXIDE
 - [54] PRODUCTION CATALYTIQUE OU ELECTROCATALYTIQUE DE DIOXYDE DE CHLORE
 - [72] HARDEE, KENNETH L., US
 - [73] INDUSTRIE DE NORA S.P.A., IT
 - [85] 2016-12-01
 - [86] 2015-07-17 (PCT/EP2015/066378)
 - [87] (WO2016/009031)
 - [30] US (62/025,557) 2014-07-17
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- [25] EN

- [54] PESTICIDAL COMPOSITIONS
- [54] COMPOSITIONS PESTICIDES
- [72] MENGES, FREDERIK, DE
- [72] SEMAR, MARTIN, DE
- [72] BRAHM, LUTZ, DE
- [72] SCHUSTER, ANNETTE, DE
- [72] MAZUIR, FLORENT, DE
- [73] BASF AGRO B.V., NL
- [85] 2016-12-05
- [86] 2015-06-15 (PCT/EP2015/063269)
- [87] (WO2015/197393)
- [30] EP (14173980.5) 2014-06-25

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 - [25] EN
 - [54] TRIAZOLE MODIFIED COUMARIN AND BIPHENYL AMIDE-BASED HSP90 INHIBITORS
 - [54] INHIBITEURS DE HSP90 A BASE DE BIPHENYLAMIDE ET DE COUMARINE MODIFIES PAR LE TRIAZOLE
 - [72] ZHAO, JINBO, US
 - [72] ZHAO, HUIPING, US
 - [72] BLAGG, BRIAN S.J., US
 - [73] THE UNIVERSITY OF KANSAS, US
 - [85] 2016-12-05
 - [86] 2015-06-12 (PCT/US2015/035691)
 - [87] (WO2015/192099)
 - [30] US (62/012,071) 2014-06-13
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- [25] EN
- [54] WIND TURBINE DIAGNOSTIC APPARATUS WITH DIVERSE SENSOR TESTING
- [54] APPAREIL DE DIAGNOSTIC D'EOLIENNE EQUIPE D'APPAREIL DE TEST DE CAPTEUR DIVERS
- [72] THEOPOLD, TOBIAS, DE
- [73] KEBA INDUSTRIAL AUTOMATION GERMANY GMBH, DE
- [86] (2951369)
- [87] (2951369)
- [22] 2016-12-14
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 - [25] EN
 - [54] USE OF VISTA AGONISTS AND ANTAGONISTS TO SUPPRESS OR ENHANCE HUMORAL IMMUNITY
 - [54] UTILISATION D'ANTAGONISTES ET D'AGONISTES VISTA POUR SUPPRIMER OU AMELIORER L'IMMUNITE HUMORALE
 - [72] GREEN, KATHY A., US
 - [72] WANG, LI, US
 - [72] NOELLE, RANDOLPH J., US
 - [72] GREEN, WILLIAM R., US
 - [73] GREEN, KATHY A., US
 - [73] WANG, LI, US
 - [73] NOELLE, RANDOLPH J., US
 - [73] GREEN, WILLIAM R., US
 - [85] 2016-12-09
 - [86] 2015-06-11 (PCT/US2015/035371)
 - [87] (WO2015/191881)
 - [30] US (62/010,736) 2014-06-11
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 - [25] EN
 - [54] OIL SANDS TAILINGS WATER TREATMENT PROCESS USING ENTRAPPED AND BIOAUGMENTED CULTURE INDIGENOUS TO TAILINGS POND
 - [54] PROCEDE DE TRAITEMENT D'EAU DE RESIDUS DE SABLES BITUMINEUX AU MOYEN DE CULTURE ENFERMEE ET BIOAUGMENTEE INDIGENE AU BASSIN DE RESIDUS
 - [72] PRAMANIK, SUDIPTA, CA
 - [73] PRAMANIK, SUDIPTA, CA
 - [86] (2952680)
 - [87] (2952680)
 - [22] 2016-12-28
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 - [25] EN
 - [54] FEATURE PROCESSING TRADEOFF MANAGEMENT
 - [54] GESTION DE COMPROMIS POUR UN TRAITEMENT DE CARACTERISTIQUES
 - [72] DIRAC, LEO PARKER, US
 - [72] CORREA, NICOLLE M., US
 - [72] DANNAKER, CHARLES ERIC, US
 - [72] INGERMAN, ALEKSANDR MIKHAYLOVICH, US
 - [72] KRISHNAN, SRIRAM, US
 - [72] LI, JIN, US
 - [72] PUvvADI, SUDHAKAR RAO, US
 - [72] ZARANDIOON, SAMAN, US
 - [72] RAMAKRISHNAN, RAKESH, US
 - [72] ZHENG, TIANMING, US
 - [72] ZHUO, DONGHUI, US
 - [72] AGARWAL, TARUN, US
 - [72] STEELE, ROBERT MATTHIAS, US
 - [72] QIAN, JUN, US
 - [72] BRUECKNER, MICHAEL, US
 - [72] HERBRICH, RALF, US
 - [72] BLICK, DANIEL, US
 - [72] LEE, POLLY PO YEE, US
 - [73] AMAZON TECHNOLOGIES, INC., US
 - [85] 2016-12-28
 - [86] 2015-06-30 (PCT/US2015/038589)
 - [87] (WO2016/004062)
 - [30] US (14/319,880) 2014-06-30
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 - [30] US (14/460,314) 2014-08-14
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 - [30] US (14/463,434) 2014-08-19
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 - [54] EMPILEMENT DE PILES A COMBUSTIBLE
 - [72] D'ALEO, JAMES, US
 - [72] ELDER, CHARLES RUSSELL, US
 - [73] PLUG POWER INC., US
 - [86] (2953833)
 - [87] (2953833)
 - [22] 2017-01-04
 - [30] US (15/388,517) 2016-12-22
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 - [25] EN
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 - [54] PARTICULES FINES D'OXYDE DE TITANE ET LEUR PROCEDE DE PRODUCTION
 - [72] KAJI, SEIJI, JP
 - [72] SHIMOITA, HIRONORI, JP
 - [72] OMORI, YURIE, JP
 - [73] ISHIHARA SANGYO KAISHA, LTD., JP
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 - [87] (WO2016/002755)
 - [30] JP (2014-136810) 2014-07-02
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- [25] EN
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- [54] MELANGES FONGICIDES SYNERGIQUES DESTINES A LUTTER CONTRE LES CHAMPIGNONS DANS LES CEREALES
- [72] SCHULZ, THOMAS, DE
- [73] CORTEVA AGRISCIENCE LLC, US
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 - [25] EN
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 - [54] ANTAGONISTES DE LA NEUROKININE B UTILISES DANS LA REPRODUCTION DE POISSONS
 - [72] LEVAVI-SIVAN, BERTA, IL
 - [72] GILON, CHAIM, IL
 - [73] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD., IL
 - [85] 2017-01-09
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- [54] STOCKAGE ET MANIPULATION D'EMBRYONS VEGETAUX
- [72] ARNOLD, RANDAL, US
- [72] COPE, MATTHEW PAUL, US
- [72] SCHARES, JUSTIN ANDREW, US
- [72] YUN, YUE, US
- [73] PIONEER HI-BRED INTERNATIONAL, INC., US
- [85] 2017-01-12
- [86] 2015-06-04 (PCT/US2015/034129)
- [87] (WO2016/032587)
- [30] US (14/473,183) 2014-08-29

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 - [25] EN
 - [54] IMPROVED SIGNAL TRAVEL TIME FLOW METER
 - [54] COMPTEUR DE TEMPS DE DEPLACEMENT DE SIGNAL AMELIORE
 - [72] HIES, THOMAS WERNER, SG
 - [72] LUONG, TRUNG DUNG, SG
 - [72] OHL, CLAUS-DIETER, SG
 - [72] SKRIPALLE, JUERGEN HEINZ-FRIEDRICH, DE
 - [73] GWF MESSSYSTEME AG, CH
 - [85] 2017-01-13
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 - [30] IB (PCT/IB2014/063502) 2014-07-29
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- [25] EN
- [54] SYSTEM AND DEVICE FOR NEARFIELD GUNSHOT AND EXPLOSION DETECTION
- [54] SYSTEME ET DISPOSITIF POUR DETECTION DE COUP DE FEU ET D'EXPLOSION EN CHAMP PROCHE
- [72] OVERCAST, ALLAN WARD, US
- [73] FAB 5 HOLDINGS, LLC, US
- [85] 2017-01-19
- [86] 2015-08-23 (PCT/US2015/046446)
- [87] (WO2016/032918)
- [30] US (62/043,515) 2014-08-29
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 - [25] EN
 - [54] SYSTEMS AND METHODS FOR SYNTHESIZING CHEMICAL PRODUCTS, INCLUDING ACTIVE PHARMACEUTICAL INGREDIENTS
 - [54] SYSTEMES ET PROCEDES DE SYNTHESE DE PRODUITS CHIMIQUES, NOTAMMENT D'INGREDIENTS PHARMACEUTIQUES ACTIFS
 - [72] JENSEN, KLAVS F., US
 - [72] JAMISON, TIMOTHY F., US
 - [72] MYERSON, ALLAN STUART, US
 - [72] MONBALIU, JEAN-CHRISTOPHE M., BE
 - [72] BEHNAM, MOHSEN, US
 - [72] WONG, SHIN YEE, SG
 - [72] WEERANOPPANANT, NOPPHON, US
 - [72] REVALOR, EVE MARIE, FR
 - [72] STELZER, TORSTEN, US
 - [72] CHEN, JIE, US
 - [72] ADAMO, ANDREA, US
 - [72] SNEAD, DAVID R., US
 - [72] ZHANG, PING, US
 - [73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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 - [30] US (62/038,039) 2014-08-15
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- [25] EN
- [54] RADIO FREQUENCY (RF) SYSTEM FOR THE RECOVERY OF HYDROCARBONS
- [54] SYSTEME DE RADIOFREQUENCE (RF) PERMETTANT L'EXTRACTION D'HYDROCARBURES
- [72] DE SIMONI, MICHELA, IT
- [72] TOFFOLO, GILBERTO, IT
- [72] CERUTTI, ALESSANDRO, IT
- [73] ENI S.P.A., IT
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INCLUDING MECHANICAL
ARMS

[54] DISPOSITIF ET SYSTEME
COMPRENANT DES BRAS
MECANIQUES

[72] COHEN, DVIR, IL

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[73] MEMIC INNOVATIVE SURGERY
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[25] EN

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INCLUDING MECHANICAL
ARMS

[54] COMMANDE DE DISPOSITIF
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C12N 15/79 (2006.01) C12P 21/06
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[25] EN

[54] PRODUCTION OF FULLY
PROCESSED AND FUNCTIONAL
FACTOR X IN A FURIN-
SECRETING MAMMALIAN
EXPRESSION SYSTEM

[54] PRODUCTION DE FACTEUR X
FONCTIONNEL ENTIEREMENT
TRAITE DANS UN SYSTEME
D'EXPRESSION DE MAMMIFERE
SECRETANT DE LA FURINE

[72] BOHM, ERNST, AT

[72] HORLING, FRANZiska, AT

[72] KOEHN, JADRANKA, AT

[72] DOCKAL, MICHAEL, AT

[73] TAKEDA PHARMACEUTICAL
COMPANY LIMITED, JP

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A01P 1/00 (2006.01) C11D 3/48
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CONTAINING CARVACROL AND
METHODS OF USING SAME

[54] SAVONS ANTIMICROBIENS
CONTENANT DU CARVACROL
ET LEURS PROCEDES
D'UTILISATION

[72] DYCK, MANFRED F., US

[72] VON DYCK, SILKE, US

[72] BECKTEL, ERIC, US

[72] GRIGORIAN, IRINA, US

[73] HYDROMER, INC., US

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[30] US (62/048,100) 2014-09-09

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[25] EN

[54] DEVICES AND SYSTEM FOR
CHANNELING AND AUTOMATIC
MONITORING OF FLUID FLOW
IN FLUID DISTRIBUTION
SYSTEMS

[54] DISPOSITIFS ET SYSTEME A DES
FINS DE CANALISATION ET DE
SURVEILLANCE AUTOMATIQUE
DE L'ECOULEMENT DE FLUIDE
DANS DES SYSTEMES DE
DISTRIBUTION DE FLUIDE

[72] LEADERS, JEFFREY L., US

[72] SMITH, MATTHEW SHANE, US

[72] MESS, FRANCIS M., US

[72] ELIA, SAMUEL, US

[72] ALMIRALL, JORGE C., US

[72] GESTNER, BRIAN, US

[73] STREAMLABS INC., US

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[54] FAIL SAFE AIRCRAFT
MONITORING AND TRACKING

[54] SURVEILLANCE ET SUIVI
D'AVION A SURETE INTEGREE

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[72] CARRO, EDUARDO M., US

[72] NEMAT, AYAZ, US

[72] REILLY, SEAN P., US

[73] L3 TECHNOLOGIES, INC., US

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 - [72] MARDER, TODD, DE
 - [73] HIGH FORCE RESEARCH LIMITED, GB
 - [85] 2017-03-22
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 - [87] (WO2016/055800)
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 - [54] MODULAR STRETCHER OR LITTER
 - [54] BRANCARD OU CIVIERE MODULAIRE
 - [72] CHINN, ROBERT, US
 - [73] FERNO-WASHINGTON, INC., US
 - [85] 2017-03-23
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 - [87] (WO2016/054407)
 - [30] US (62/058,459) 2014-10-01
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- [25] EN
- [54] KEYPAD WITH REPLACEABLE KEY LABELS
- [54] CLAVIER DOTE D'ETIQUETTES DE TOUCHE REMPLACABLE
- [72] WAREHAM, PAUL C., CA
- [72] NUTTER, SEAN, CA
- [72] MANNING, WESLEY, CA
- [72] COULSON, RICHARD R., CA
- [73] DYNAGEN TECHNOLOGIES INCORPORATED, CA
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- [25] EN
- [54] METHODS FOR PRODUCING BIOPOLYMER MATRIX COMPOSITES
- [54] PROCEDES DE PRODUCTION DE COMPOSITES A MATRICE BIOPOLYMERE
- [72] STUFANO, PAOLO, IT
- [72] CAROFIGLIO, VITO EMANUELE, IT
- [72] GOFFREDO, ANTONIO, IT
- [72] SERVILI, MAURIZIO, IT
- [72] CENTRONE, DOMENICO, IT
- [73] EGGPLANT S.R.L., IT
- [85] 2017-03-30
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- [87] (WO2016/050570)
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 - [25] EN
 - [54] SUBSTITUTED AMINOPURINE COMPOUNDS, COMPOSITIONS THEREOF, AND METHODS OF TREATMENT THEREWITH
 - [54] COMPOSES AMINOPURINE SUBSTITUES, COMPOSITIONS CORRESPONDANTES, ET PROCEDES DE TRAITEMENT LES UTILISANT
 - [72] ALEXANDER, MATTHEW, US
 - [72] BAHMANYAR, SOGOLE, US
 - [72] BOYLAN, JOHN FREDERICK, US
 - [72] HANSEN, JOSHUA, US
 - [72] HUANG, DEHUA, US
 - [72] HUBBARD, ROBERT, US
 - [72] JEFFY, BRANDON, US
 - [72] LEISTEN, JIM, US
 - [72] MOGHADDAM, MEHRAN, US
 - [72] RAHEJA, RAJ K., US
 - [72] RAYMON, HEATHER, US
 - [72] SCHWARZ, KIMBERLY, US
 - [72] SLOSS, MARIANNE, US
 - [72] TORRES, EDUARDO, US
 - [72] TRAN, TAM MINH, US
 - [72] XU, SHUICHAN, US
 - [72] ZHAO, JINGJING, US
 - [73] SIGNAL PHARMACEUTICALS, LLC, US
 - [85] 2017-04-04
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 - [87] (WO2016/057370)
 - [30] US (62/060,339) 2014-10-06
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- [25] FR
- [54] METHOD AND DEVICE FOR TRACKING A PRODUCT PROCESSING LINE
- [54] METHODE ET DISPOSITIF DE SUIVI DE LIGNE DE TRAITEMENT DE PRODUITS
- [72] KLOTZ, FRANCK, CA
- [72] BEAULNE, SIMON, CA
- [73] SIDEL CANADA INC., CA
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[25] EN
[54] SYSTEM AND METHOD FOR PERFORMING CONCURRENT DATABASE OPERATIONS ON A DATABASE RECORD
[54] SYSTEME ET PROCEDE PERMETTANT D'EXECUTER DES OPERATIONS DE BASE DE DONNEES SIMULTANEEES SUR UN ENREGISTREMENT DE BASE DE DONNEES
[72] SALE, WILLIAM, US
[73] SALE, WILLIAM, US
[85] 2017-04-26
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[87] (WO2016/069532)
[30] US (62/068,846) 2014-10-27

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[13] C
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[25] EN
[54] SETTING TOOL FOR DOWNHOLE APPLICATIONS
[54] OUTIL DE MISE EN PLACE POUR DES APPLICATIONS EN FOND DE PUITS
[72] ROBERTSON, MICHAEL C., US
[72] STREIBICH, DOUGLAS J., US
[72] GRATTAN, ANTONY F., US
[72] SPARKMAN, ROY L., US
[72] LANCASTER, MARK, US
[73] ROBERTSON INTELLECTUAL PROPERTIES, LLC, US
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[30] US (62/073,704) 2014-10-31
[30] US (14/930,369) 2015-11-02

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[25] EN
[54] LIGHT-EMITTING DEVICE AND PACKAGE FOR LIGHT-EMITTING DEVICE
[54] DISPOSITIF EMETTEUR DE LUMIERE ET EMBALLAGE DESTINE AU DISPOSITIF EMETTEUR DE LUMIERE
[72] MATSUSHITA, SHIGERU, JP
[72] NAKAZAWA, KATSUYA, JP
[72] OKAHISA, EIICHIRO, JP
[72] KOZURU, KAZUMA, JP
[73] NICHIA CORPORATION, JP
[73] SHINKO ELECTRIC INDUSTRIES CO., LTD., JP
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[87] (2966875)
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[25] EN
[54] APOAEQUORIN-CONTAINING COMPOSITIONS AND METHODS OF USING SAME TO TREAT NEURONAL INFLAMMATION
[54] COMPOSITIONS CONTENANT DE L'APOAEQUORINE ET LEURS PROCEDES D'UTILISATION POUR TRAITER L'INFLAMMATION NEURONALE
[72] UNDERWOOD, MARK Y., US
[72] MOYER, JAMES R., JR., US
[73] QUINCY BIOSCIENCE, LLC, US
[85] 2017-05-04
[86] 2015-11-11 (PCT/US2015/060116)
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[51] Int.Cl. C22C 38/06 (2006.01) C21D 8/00 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C23C 2/04 (2006.01)
[25] EN
[54] METHOD FOR MANUFACTURING A HIGH STRENGTH STEEL PRODUCT AND STEEL PRODUCT THEREBY OBTAINED
[54] PROCEDE DE FABRICATION D'UN PRODUIT EN ACIER HAUTE RESISTANCE ET PRODUIT EN ACIER AINSI OBTENU
[72] ARLAZAROV, ARTEM, FR
[72] ZHU, KANGYING, FR
[73] ARCELORMITTAL, LU
[85] 2017-05-10
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[13] C
[51] Int.Cl. A61L 27/20 (2006.01) A61L 27/26 (2006.01) A61L 27/52 (2006.01)
[25] EN
[54] DERMAL FILLER BASED ON CROSSLINKED HYALURONIC ACID AND CARBOXYMETHYL CELLULOSE LUBRICANT
[54] CHARGE DERMIQUE A BASE D'ACIDE HYALURONIQUE RETICULE ET DE LUBRIFIANT DE CARBOXYMETHYLCELLULOSE
[72] HAGEDORN, NADINE, DE
[72] STRAGIES, ROLAND, DE
[72] VILLAIN, FRANCK, FR
[72] BELKOVI, LUBIN, DE
[72] EL-BANNA, RADIA, DE
[73] MERZ PHARMA GMBH & CO. KGAA, DE
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- [25] EN
- [54] **WHEY PROTEIN-BASED, HIGH PROTEIN, YOGHURT-LIKE PRODUCT, INGREDIENT SUITABLE FOR ITS PRODUCTION, AND METHOD OF PRODUCTION**
- [54] **PRODUIT DU TYPE YAOURT, RICHE EN PROTEINES, A BASE DE PROTEINE DE LACTOSERUM, INGREDIENT APPROPRIE POUR SA PRODUCTION, ET PROCEDE DE PRODUCTION**
- [72] JENSEN, TORBEN, DK
- [72] HANSEN, ULRIK TOFT, DK
- [73] ARLA FOODS AMBA, DK
- [85] 2017-05-12
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- [30] EP (14193363.0) 2014-11-14

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- [51] Int.Cl. G05B 19/418 (2006.01) G05B 23/02 (2006.01)
- [25] EN
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- [54] **PROCEDE POUR LA CONFIGURATION D'UNE INSTALLATION DE PRODUCTION CONCUE POUR LA REALISATION D'AU MOINS UNE REACTION CHIMIQUE**
- [72] FLEISCHER-TREBES, CHRISTOPH, DE
- [72] BROTZ, BOJAN NIKO, DE
- [73] SUZHOU SKYWELL HEALTHCARE INFORMATION CO., LTD., CN
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- [87] (WO2016/083262)
- [30] DE (10 2014 117 122.5) 2014-11-24

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- [25] EN
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- [54] **BATTERIE RECHARGEABLE AVEC LIMITEUR DE COURANT INTERNE ET INTERRUPTEUR**
- [72] FAN, JIANG, US
- [72] WU, DENGGUO, US
- [73] AMERICAN LITHIUM ENERGY CORPORATION, US
- [85] 2017-05-24
- [86] 2015-11-25 (PCT/US2015/062767)
- [87] (WO2016/086184)
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- [30] US (62/114,001) 2015-02-09
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- [30] US (62/114,508) 2015-02-10
- [30] US (14/714,160) 2015-05-15

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- [54] **METHODS, SYSTEMS, AND APPARATUSES FOR QUANTITATIVE ANALYSIS OF HETEROGENEOUS BIOMARKER DISTRIBUTION**
- [54] **PROCEDES, SYSTEMES ET APPAREILS POUR UNE ANALYSE QUANTITATIVE D'UNE DISTRIBUTION DE MARQUEUR BIOLOGIQUE HETEROGENE**
- [72] BARNES, MICHAEL, US
- [72] CHAFIN, DAVID, US
- [72] GARSHA, KARL E., US
- [72] GROGAN, THOMAS M., US
- [72] ROBERTS, ESTEBAN, US
- [72] STEVENS, BENJAMIN C., US
- [72] VENTURA, FRANK R., US
- [72] CHEFD'HOTEL, CHRISTOPHE, US
- [72] SHANMUGAM, KANDAVEL, US
- [72] GRAY, JOE, US
- [72] RAMUNNO-JOHNSON, DAMIEN, US
- [72] VU, TOTHU (TANIA), US
- [72] DRUKER, BRIAN JAY, US
- [72] JACOB, THOMAS, US
- [73] VENTANA MEDICAL SYSTEMS, INC., US
- [73] OREGON HEALTH & SCIENCE UNIVERSITY, US
- [85] 2017-05-26
- [86] 2015-12-03 (PCT/EP2015/078532)
- [87] (WO2016/087589)
- [30] US (62/086,840) 2014-12-03

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- [25] EN
- [54] **TIRE UNIFORMITY TESTING SYSTEM**
- [54] **SISTÈME DE CONTRÔLE DE L'UNIFORMITÉ DE PNEUS**
- [72] MATUSZNY, RICHARD, US
- [72] FEMEC, ALEX ANTON, US
- [72] KRIEGER, RICH, US
- [72] RYDER, JOHN C., US
- [73] MICRO-POISE MEASUREMENT SYSTEMS, LLC, US
- [85] 2017-05-26
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 [54] ANTICORPS ANTI-CSF1R POUR LE TRAITEMENT D'UNE SVNP
 [72] SIKORSKI, ROBERT, US
 [72] HAMBLETON, JULIE, US
 [72] SANKAR, NILACANTAN, US
 [73] FIVE PRIME THERAPEUTICS, INC., US
 [85] 2017-05-30
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- [54] PROCEDE POUR LA RECUPERATION D'UN MATERIAU IONOMERE
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- [72] RALPH, THOMAS ROBERTSON, GB
- [72] HAIG, SAM, GB
- [72] PLECHKHOVA, NATALIA V., GB
- [73] JOHNSON MATTHEY HYDROGEN TECHNOLOGIES LIMITED, GB
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- [25] EN
- [54] METHOD OF MONOMERISATION OF RECOMBINANT ANTIBODY MOLECULES
- [54] PROCEDE DE MONOMERISATION DE MOLECULES D'ANTICORPS RECOMBINEES
- [72] HEYWOOD, SAM PHILIP, GB
- [72] WILD, GAVIN BARRY, GB
- [72] HANIF, RAZWAN, GB
- [72] LE PAGE, CHRISTOPHER JOHN, GB
- [73] UCB BIOPHARMA SRL, BE
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- [30] GB (1506870.3) 2015-04-22

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- [25] EN
- [54] IN-LINE INSPECTION TOOL
- [54] OUTIL D'INSPECTION EN LIGNE
- [72] BOENISCH, ANDREAS, DE
- [73] SONOMATIC LIMITED, GB
- [85] 2017-10-06
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AND INTRA-VASCULAR
SURGICAL PROCEDURE HAVING
AN ENDOLUMINAL
ULTRASOUND PROBE
[54] DISPOSITIF POUR PROCEDURE
CHIRURGICALE INTRA-
CARDIAQUE ET INTRA-
VASCULAIRE AYANT UNE
SONDE A ULTRASONS
ENDOLUMINALE
[72] TEIXEIRA DOS SANTOS PAULO,
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[73] TEIXEIRA DOS SANTOS PAULO,
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[25] EN
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PAIRING
[54] APPARIEMENT BLUETOOTH
AUTOMATISE
[72] ZARAKAS, JAMES, US
[72] SANGI, SALEEM, US
[73] CAPITAL ONE SERVICES, LLC, US
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[86] 2016-04-14 (PCT/US2016/027449)
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[30] US (62/147,568) 2015-04-14
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[54] TAMPER-RESISTANT DYNAMIC
TRANSACTION CARD AND
METHOD OF PROVIDING A
TAMPER-RESISTANT DYNAMIC
TRANSACTION CARD
[54] CARTE DE TRANSACTION
DYNAMIQUE INFALSIFIABLE ET
PROCEDE DE FOURNITURE DE
CARTE DE TRANSACTION
DYNAMIQUE INFALSIFIABLE
[72] WURMFELD, DAVID, US
[72] ZARAKAS, JAMES, US
[72] MARKSON, THEODORE, US
[72] SANGI, SALEEM, US
[72] LOCKE, TYLER, US
[72] KELLY, KEVIN, US
[73] CAPITAL ONE SERVICES, LLC, US
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[54] A SYSTEM, METHOD, AND
APPARATUS FOR UPDATING AN
EXISTING DYNAMIC
TRANSACTION CARD
[54] SYSTEME, PROCEDE ET
APPAREIL POUR METTRE A
JOUR UNE CARTE DE
TRANSACTION DYNAMIQUE
EXISTANTE
[72] ZARAKAS, JAMES, US
[72] KOEPPEL, ADAM R., US
[72] KELLY, KEVIN P., US
[72] WURMFELD, DAVID, US
[73] CAPITAL ONE SERVICES, LLC, US
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[86] 2016-04-14 (PCT/US2016/027494)
[87] (WO2016/168438)
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[30] US (62/270,429) 2015-12-21
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[54] NEUROLOGICAL CONDITION
DETECTION UNIT AND METHOD
OF USING THE SAME
[54] UNITE DE DETECTION D'UNE
CONDITION NEUROLOGIQUE ET
METHODE D'UTILISATION
[72] KESINGER, MATTHEW, US
[72] WILLIS, DAN, US
[73] FOREST DEVICES, INC., US
[85] 2017-10-05
[86] 2016-03-30 (PCT/US2016/024905)
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[30] US (62/143,364) 2015-04-06
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[54] METHODS AND SYSTEMS FOR
USE IN MONITORING THE
OPERATIONS OF A BUSINESS
[54] PROCEDES ET SYSTEMES
DESTINES A LA SURVEILLANCE
DES ACTIVITES D'UNE
ENTREPRISE
[72] ESTALL, MARK, NZ
[72] GRANT, ADRIAN, NZ
[73] 9 SPOKES KNOWLEDGE LIMITED,
NZ
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[54] ECRAN DE SPORT RETRACTABLE
[72] LENNON, RUSSELL PATRICK, CA
[72] SHAVER, MARK ALBERT, CA
[73] THE SPORTSCREEN LTD., CA
[86] (2984814)
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[30] GB (1618739.5) 2016-11-07
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[54] METHOD TO INCREASE THE STRENGTH OF A FORM BODY OF LITHIUM SILICATE GLASS CERAMIC
[54] PROCEDE POUR AUGMENTER LA RESISTANCE D'UN CORPS DE FORME DE VITROCERAMIQUE A BASE DE SILICATE DE LITHIUM
[72] PROEPSTER, MICHAEL, DE
[72] VOLLMANN, MARKUS, DE
[73] DENTSPLY SIRONA INC., US
[73] DEGUDENT GMBH, DE
[85] 2017-11-06
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[25] EN
[54] PRODUCTION METHOD OF HIGHLY UNSATURATED FATTY ACID WITH HIGH PURITY/HIGH YIELD
[54] PROCEDE DE PRODUCTION D'UN ACIDE GRAS FORTEMENT INSATURE DE PURETE ELEVEE A UN RENDEMENT ELEVE
[72] TABATA, HIROSHI, JP
[72] TAIRA, TETSURO, JP
[72] FUJII, JUN, JP
[72] MISAWA, YOSHIHISA, JP
[72] SHIMIZU, YOSHIO, JP
[73] BIZEN CHEMICAL CO., LTD., JP
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[54] PROCEDES ET SYSTEMES UTILISANT L'INTERFEROMETRIE A FIBRE OPTIQUE
[72] HULL, JOHN, CA
[72] JALILIAN, SEYED EHSAN, CA
[73] HIFI ENGINEERING INC., CA
[85] 2017-11-20
[86] 2016-05-19 (PCT/CA2016/050560)
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[30] US (62/165,073) 2015-05-21

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[25] EN
[54] COATING APPARATUS
[54] APPAREIL D'APPLICATION DE REVETEMENT
[72] LANDA, BENZION, IL
[72] KRASSILNIKOV, ANTON, US
[72] FAHIMA, MOSHE, IL
[72] YAKHEL, VADIM, IL
[73] LANDA LABS (2012) LTD, IL
[85] 2017-11-20
[86] 2016-05-27 (PCT/IB2016/053140)
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[30] GB (1509080.6) 2015-05-27
[30] GB (1514618.6) 2015-08-17
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[25] EN
[54] PATIENT-SPECIFIC BONE GRAFTING SYSTEM AND METHOD
[54] SYSTEME ET PROCEDE DE GREFFE OSSEUSE SPECIFIQUE AU PATIENT
[72] GUILLOUX, SEBASTIEN, FR
[72] BOISVERT, OLIVIER, CA
[72] DUPUIS, KARINE, CA
[72] NEUROHR, ANSELM, CA
[72] ABIVEN, JEAN-GUILLAUME, CA
[73] ZIMMER, INC., US
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- [54] ESTERAMIDES AND SUBTERRANEAN TREATMENT FLUIDS CONTAINING SAID ESTERAMIDES
- [54] ESTERAMIDES ET FLUIDES DE TRAITEMENT SOUTERRAIN CONTENANT CES ESTERAMIDES
- [72] BALESTRINI, ANDREA, US
- [72] VILLAREAL, QUENTON CHRISTOPHER, US
- [72] MAKIAH, SAMA NAZAR, US
- [72] FLORIDI, GIOVANNI, IT
- [72] LI BASSI, GIUSEPPE, IT
- [73] LAMBERTI S.P.A., IT
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- [87] (WO2016/189019)
- [30] IT (UB2015A000865) 2015-05-26
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- [54] UTILISATION D'UN AGENT POUR LUTTER CONTRE DES RONGEURS RESISTANTS
- [72] ENDEPOLIS, STEFAN, DE
- [73] DISCOVERY PURCHASER CORPORATION, US
- [85] 2017-08-04
- [86] 2016-02-09 (PCT/EP2016/052666)
- [87] (WO2016/128368)
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- [54] FARINE DE GRAINES OLEAGINEUSES
- [72] MOSTAFA, YASSER, FR
- [72] MURRU, MARCELLO, BE
- [73] CARGILL, INCORPORATED, US
- [85] 2017-11-30
- [86] 2016-06-01 (PCT/US2016/035242)
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- [25] EN
- [54] SYSTEM AND METHOD FOR SETTING UP A CALL TO A ROAMING PARTY THROUGH AN OVER-THE-TOP (OTT) CALL SERVICE
- [54] SYSTEME ET PROCEDE DESTINES A L'ETABLISSEMENT D'UN APPEL VERS UN ABONNE ITINERANT AU MOYEN D'UN SERVICE D'APPEL PAR CONTOURNEMENT (OTT)
- [72] BURGERT, KENNETH, US
- [72] TAI, ALAN, US
- [73] TATA COMMUNICATIONS (AMERICA) INC., US
- [85] 2017-12-04
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- [87] (WO2016/196266)
- [30] US (62/171,084) 2015-06-04
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- [72] PEDRO, MICHAEL J., US
- [72] CATALDO, STEVEN H., US
- [72] KANE, DAVID M., US
- [72] REILLY, THOMAS, US
- [72] REDFORD, RYAN G., US
- [73] REVOLUTIONARY MEDICAL DEVICES, INC., US
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- [86] 2016-06-10 (PCT/US2016/037070)
- [87] (WO2016/201358)
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- [30] US (62/204,899) 2015-08-13
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- [30] US (62/286,165) 2016-01-22
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- [30] US (62/301,359) 2016-02-29
- [30] US (62/308,127) 2016-03-14
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- [25] EN
- [54] MULTI-FUNCTION PRESSURE VESSEL
- [54] RECIPIENT SOUS PRESSION MULTIFONCTION
- [72] PICHAETTE, JEAN, CA
- [73] LES SOLUTIONS CALEFACTIO INC., CA
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 - [54] FREE PISTON ENGINE
 - [54] MOTEUR A PISTON LIBRE
 - [72] YAAKOBY, SHAUL, IL
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 - [54] CAPTEUR A FIBRE OPTIQUE FORME POUR UNE REPONSE DE FREQUENCE PARTICULIERE, ET SON PROCEDE DE FABRICATION
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[72] CURRINGTON, JEFF, US
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[54] OUTIL ET PROCEDE DE SEPARATION D'UNE CUPULE FEMORALE D'UNE BILLE ACETABULAIRE DANS UNE PROTHESE DE HANCHE IMPLANTEE
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[73] HIP INNOVATION TECHNOLOGY, LLC, US
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[54] CELLULE D'EXTRACTION POUR UN CHROMATOGRAPHE DE PARTAGE CENTRIFUGE, CHROMATOGRAPHE DE PARTAGE CENTRIFUGE CONTENANT UNE TELLE CELLULE, ET PROCEDE DE PRODUCTION D'UNE TELLE CELLULE D'EXTRACTION
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 - [54] **SECTEUR DE DISTRIBUTEUR
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[54] DETECTEUR RADAR AVEC DISPOSITIF D'AFFICHAGE DIRECTIONNEL MULTIBANDE ET DETECTION AMELIOREE DES FAUSSES ALERTES
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[73] LEMONEX INC., KR
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[54] SYSTEME DE DETERMINATION ACOUSTIQUE DE L'UTILISATION D'UN PRODUIT
[72] MAHAFFEY, CLEARY E., US
[72] BECKER, STEPHEN, US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
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[54] ENGINE ASSEMBLY STAND
[54] PORTIQUE D'ASSEMBLAGE DE MOTEUR
[72] BAUCHER, STEPHANE ANDRE, FR
[72] BERTHE, ERIC, FR
[72] GUINOT, CLEMENT PAUL CLAUDE, FR
[72] MARTINS, MANUEL DANIEL, FR
[73] SAFRAN AIRCRAFT ENGINES, FR
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[54] MODIFICATEUR D'ASPHALTE ET COMPOSITION D'ASPHALTE LE COMPRENANT
[72] KIM, TAE JUNG, KR
[72] LEE, CHUN HWA, KR
[72] LEE, HYE RIM, KR
[73] LG CHEM, LTD., KR
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[54] FEEDING DEVICE FOR BLANK RINGS
[54] DISPOSITIF D'ALIMENTATION POUR BAGUES
[72] KNEER, SIMON, DE
[72] PRINZINGER, HELMUT, DE
[73] SCHULER PRESSEN GMBH, DE
[85] 2018-05-02
[86] 2016-10-26 (PCT/EP2016/075854)
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[25] EN
[54] AIRCRAFT FLIGHT ITINERARY ALERTING SYSTEM
[54] SYSTEME D'ALERTE D'ITINERAIRE DE VOL D'UN AVION
[72] KLEYWEGT, MICHAEL, CA
[73] AIRSUITE INC., CA
[85] 2018-05-07
[86] 2016-11-14 (PCT/CA2016/051318)
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[25] EN
[54] PROCESS FOR THE MANUFACTURE OF AN AQUEOUS DISPERSION COMPRISING MUSTARD BRAN AND OIL-IN-WATER EMULSION CONTAINING SUCH DISPERSION
[54] PROCEDE DE FABRICATION D'UNE DISPERSION AQUEUSE COMPRENANT DU SON DE MOUTARDE ET EMULSION D'HUILE DANS L'EAU CONTENANT UNE TELLE DISPERSION
[72] BERGWERFF, EDWIN, NL
[72] BIALEK, JADWIGA MALGORZATA, NL
[72] SCHUMM, STEPHAN GEORG, NL
[72] NIJSSE, JACOB, NL
[73] UNILEVER IP HOLDINGS B.V., NL
[85] 2018-05-07
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[54] IMPROVEMENTS RELATING TO SUBSTRATES FOR THE ATTACHMENT OF MOLECULES
[54] AMELIORATIONS RELATIVES A DES SUBSTRATS POUR LA FIXATION DE MOLECULES
[72] FITZGERALD, PETER, GB
[72] LAMONT, JOHN, GB
[72] MCCONNELL, IVAN, GB
[72] BENCHIKH, ELOUARD, GB
[72] UPADHYAY, DEEPESH, GB
[72] RICHARDSON, CIARAN, IE
[73] RANDOX LABORATORIES LTD, GB
[73] RANDOX TEORANTA, IE
[85] 2018-05-16
[86] 2016-11-18 (PCT/GB2016/053608)
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[25] EN
[54] A RODENTICIDE COMPOSITION COMPRISING A DEHYDRANT AND A WATER-ABSORBENT, HYGROMORPHIC CARRIER
[54] COMPOSITION RODENTICIDE COMPRENANT UN DESHYDRATANT ET UN SUPPORT HYGROMORPHIQUE HYDRORETEUR
[72] PERRY, STEPHEN C., US
[73] PERRY, STEPHEN C., US
[86] (3005546)
[87] (3005546)
[22] 2018-05-22
[30] US (15/943,897) 2018-04-03

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[54] COLOR DEVELOPMENT WRITING COMPOSITIONS AND WRITING INSTRUMENTS
[54] COMPOSITIONS D'ECRITURE A REVELATION DE COULEUR ET INSTRUMENTS D'ECRITURE
[72] ALLISON, KEITH J., US
[72] BEDOYA, VICTOR HUGO, US
[72] SPERA, MICHAEL L., US
[73] CRAYOLA LLC, US
[86] (3005571)
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<p style="text-align: right;">[11] 3,006,295 [13] C</p> <p>[51] Int.Cl. B01D 61/42 (2006.01) B01D 61/56 (2006.01) C01B 11/02 (2006.01) C02F 1/469 (2006.01) [25] EN [54] ELECTROKINETIC THICKENING AND DEWATERING METHOD AND SYSTEM [54] PROCEDE ET SYSTEME D'EPAISSEISSEMENT ET DE DESHYDRATATION ELECTROKINETIQUES [72] MUSSARI, FREDERICK P., US [72] NORRIS, MICHAEL PHILLIP, US [73] BCR ENVIRONMENTAL CORPORATION, US [85] 2018-05-24 [86] 2016-11-22 (PCT/US2016/063356) [87] (WO2017/091587) [30] US (62/259,675) 2015-11-25</p>	<p style="text-align: right;">[11] 3,007,868 [13] C</p> <p>[51] Int.Cl. G01N 33/38 (2006.01) G01N 11/10 (2006.01) [25] EN [54] DEVICE AND METHOD FOR DETERMINING RHEOLOGICAL PROPERTIES OF CONCRETE [54] DISPOSITIF ET PROCEDE DE DETERMINATION DES PROPRIETES RHEOLOGIQUES DU BETON [72] MORO, SANDRO, IT [72] MAGAROTTO, ROBERTA, IT [72] MORATTI, FRANCESCA, IT [73] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE [85] 2018-06-08 [86] 2016-12-09 (PCT/EP2016/080377) [87] (WO2017/097954) [30] EP (15198766.6) 2015-12-09</p>	<p style="text-align: right;">[11] 3,009,140 [13] C</p> <p>[51] Int.Cl. F28D 9/00 (2006.01) [25] EN [54] HEAT EXCHANGER [54] ECHANGEUR DE CHALEUR [72] VAN KASTEREN, MARINUS HENRICUS JOHANNES, NL [73] RECAIR B.V., NE [85] 2018-06-19 [86] 2016-10-05 (PCT/NL2016/050687) [87] (WO2017/111578) [30] NL (2015996) 2015-12-21</p>
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[54] APPAREIL ET METHODE D'APPLICATION D'ELASTIQUES EVASES PARALLELES A DES PRODUITS JETABLES ET PRODUITS JETABLES COMPORTANT LES ELASTIQUES EVASES PARALLELES
[72] FRITZ, JEFFREY W., US
[72] NELSON, CHRISTOPHER J., US
[72] MCCABE, JOHN A., US
[72] PETERSON, DANIEL A., US
[73] CURT G. JOA, INC., US
[86] (3013597)
[87] (3013597)
[22] 2018-08-07
[30] US (15/907,602) 2018-02-28
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[25] EN
[54] VARIABLE STIFFNESS FLYER PLATE FOR PENETRATION DEVICE
[54] AILETTE A RAIDEUR VARIABLE DESTINEE A UN DISPOSITIF DE PENETRATION
[72] MUHA, NICHOLAS B., US
[72] ALBERT, JEREMIE JOEL, US
[72] THOMAS, ROBERT W., US
[73] THE BOEING COMPANY, US
[86] (3013608)
[87] (3013608)
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[25] EN
[54] PERfusion SYSTEM
[54] SYSTEME DE PERfusion
[72] BHOWMICK, SUBHAS BALARAM, IN
[72] KANE, PRASHANT, IN
[72] KUMAR, SAMARTH, IN
[72] GANORKAR, KIRTI, IN
[73] SUN PHARMACEUTICAL INDUSTRIES LTD., IN
[85] 2018-08-09
[86] 2017-02-09 (PCT/IN2017/050055)
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[25] EN
[54] APPLICATION SERVER FOR AUTOMATED DATA TRANSFERS AND ASSOCIATED METHODS
[54] SERVEUR D'APPLICATION DESTINE AUX TRANSFERTS DE DONNEES AUTOMATISES ET METHODES ASSOCIEES
[72] FAZELI, MANI, CA
[72] BALAKRISHNAN, NISHKALA, CA
[72] CRUX, FELIX, CA
[72] RAHIMI, REZA, CA
[72] WHITING, LES, CA
[73] WAVE FINANCIAL INC., CA
[86] (3014218)
[87] (3014218)
[22] 2018-08-15
[30] US (62/545,807) 2017-08-15

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[25] EN
[54] LIFTING ANCHOR ASSEMBLY FOR PRECAST CONCRETE STRUCTURES
[54] MECANISME D'ANCRAGE DE LEVAGE DESTINE A DES STRUCTURES EN BETON PREMOULEES
[72] HANSORT, MARINUS, US
[73] CCS CONTRACTOR EQUIPMENT & SUPPLY, LLC, US
[86] (3015176)
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[13] C

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[25] EN
[54] DRILLING RIG WITH SELF-ELEVATING DRILL FLOOR
[54] APPAREIL DE FORAGE AVEC PLANCHER DE FORAGE AUTO-ELEVATEUR
[72] KONDUC, KAMERON WAYNE, CA
[72] JAKOBSON, ELIJAH, US
[72] WINTER, BRIAN DANIEL, US
[73] NATIONAL OILWELL VARCO, L.P., US
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- [25] EN
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- [54] COMPOSE DE PYRIDAZINONE OU SON SEL, ET HERBICIDE EN RENFERMANT
- [72] UEKI, TOSHIHIKO, JP
- [72] YAMADA, RYU, JP
- [72] TANAKA, HISAKI, JP
- [73] ISHIHARA SANGYO KAISHA, LTD., JP
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- [86] 2017-03-29 (PCT/JP2017/013043)
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- [25] EN
- [54] DRIVE SYSTEM FOR A HYBRID VEHICLE AND METHOD FOR OPERATING SAID SYSTEM
- [54] SYSTEME DE PROPULSION POUR VEHICULE HYBRIDE ET PROCEDE POUR FAIRE FONCTIONNER UN TEL SYSTEME DE PROPULSION
- [72] HOESS, BERNHARD, DE
- [72] JUNG, THOMAS, DE
- [72] KOBLER, SEBASTIAN, DE
- [73] BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT, DE
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- [86] 2017-02-21 (PCT/EP2017/053824)
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- [30] DE (10 2016 202 828.6) 2016-02-24
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- [54] NOYAU POUR LE MOULAGE D'UNE AUBE DE TURBOMACHINE
- [72] HUCHIN, PATRICK EMILIE PAUL EMILE, FR
- [72] VOLLEBREGT, MATTHIEU JEAN LUC, FR
- [72] ROLLINGER, ADRIEN BERNARD VINCENT, FR
- [72] BECHELANY, MIRNA, FR
- [73] SAFRAN AIRCRAFT ENGINES, FR
- [73] SAFRAN, FR
- [85] 2018-08-24
- [86] 2017-02-27 (PCT/FR2017/050423)
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- [30] FR (1651700) 2016-03-01
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- [25] EN
- [54] LAMINATED SUBSTRATE FOR ELECTROCHROMIC DIMMER ELEMENT AND MANUFACTURING METHOD FOR ELECTROCHROMIC DIMMER ELEMENT
- [54] SUBSTRAT MULTICOUCHE POUR ELEMENTS DE COMMANDE DE LUMIERE ELECTROCHROME ET PROCEDE DE FABRICATION D'ELEMENT DE COMMANDE DE LUMIERE ELECTROCHROME
- [72] AOSHIMA, YUKI, JP
- [72] ODAKA, HIDEFUMI, JP
- [73] AGC GLASS EUROPE SA, BE
- [73] AGC INC., JP
- [73] AGC FLAT GLASS NORTH AMERICA, INC., US
- [73] AGC VIDROS DO BRASIL LTDA., BR
- [85] 2018-08-28
- [86] 2017-02-07 (PCT/JP2017/004429)
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- [25] EN
- [54] AAV-MEDIATED EXPRESSION USING A SYNTHETIC PROMOTER AND ENHANCER
- [54] EXPRESSION MEDIEE PAR AAV UTILISANT UN PROMOTEUR ET UN ACTIVATEUR SYNTHETIQUES
- [72] ENGELHARDT, JOHN F., US
- [72] YAN, ZIYING, US
- [73] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
- [85] 2018-09-06
- [86] 2017-03-07 (PCT/US2017/021124)
- [87] (WO2017/155973)
- [30] US (62/304,656) 2016-03-07
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- [73] DOCAUTHORITY LTD., IL
- [85] 2018-09-11
- [86] 2016-04-14 (PCT/IL2016/050396)
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53/22 (2006.01)
[25] FR
[54] PROPORTIONAL METERING
PUMP, METHOD FOR
ASSEMBLING AND
DISASSEMBLING SUCH A PUMP
[54] POMPE A DOSAGE
PROPORTIONNEL, PROCEDE DE
MONTAGE ET DE DEMONTAGE
D'UNE TELLE POMPE
[72] LAATIAOUI, NAJIB, FR
[72] CHARRIERE, CHRISTOPHE, FR
[73] DOSATRON INTERNATIONAL, FR
[85] 2018-09-27
[86] 2017-04-06 (PCT/EP2017/058249)
[87] (WO2017/174719)
[30] FR (16 53055) 2016-04-07
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(2006.01) C09J 123/26 (2006.01)
[25] EN
[54] ADHESIVE COMPOSITIONS,
ARTICLES INCLUDING THE
ADHESIVE COMPOSITIONS, AND
METHODS THEREOF
[54] COMPOSITIONS ADHESIVES,
ARTICLES COMPRENANT LES
COMPOSITIONS ADHESIVES ET
PROCEDES ASSOCIES
[72] PUCCI, MARK S., US
[72] WHALEY, PAUL D., US
[72] OPACICH, MICHAEL LLOYD, US
[73] MSI TECHNOLOGY LLC, US
[85] 2018-09-28
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A24F 47/00 (2020.01)
[25] EN
[54] UNLOCKING METHOD FOR
ELECTRONIC CIGARETTE,
UNLOCKING SYSTEM, STORAGE
MEDIUM AND UNLOCKING
DEVICE
[54] PROCEDE DE
DEVERROUILLAGE POUR
CIGARETTE ELECTRONIQUE,
SYSTEME DE
DEVERROUILLAGE, SUPPORT
DE STOCKAGE ET DISPOSITIF
DE DEVERROUILLAGE
[72] OUYANG, JUNWEI, CN
[73] SHENZHEN IVPS TECHNOLOGY
CO., LTD., CN
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IRON, AND PRODUCTS MADE
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FER, ET PRODUITS FABRIQUES
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[72] GRECU, MIHAELA, RO
[72] CORODEANU, SORIN, RO
[72] TIBU, MIHAI, RO
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[72] QIAN, ZHEN, CN
[72] CUI, WEI, CN
[72] XU, JIANMING, CN
[72] ZHANG, QINGWEI, CN
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[54] COMPOSE D'ACETYLENE AROMATIQUE OU D'ETHYLENE AROMATIQUE, PRODUIT INTERMEDIAIRE, PROCEDE DE PREPARATION, COMPOSITION PHARMACEUTIQUE ET LEUR UTILISATION
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[72] MARTIN, ULRICH, DE
[73] HENSOLDT SENSORS GMBH, DE
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 - [72] JOHNSTON, RAY L., US
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- [54] DISPOSITIF SECTIONNEUR POUR PARASURTENSEUR ET ENSEMBLE DE PROTECTION COMPRENANT UN PARASURTENSEUR CONNECTE A UN TEL DISPOSITIF SECTIONNEUR
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- [72] GARIBOLDI, NICOLA, CH
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AQUEUSE
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DEVICE FOR USE WITH A
DOWNHOLE TUBULAR
[54] COLLIER SUPPORTÉ ET UN
DISPOSITIF D'ACTIVATION
REINITIABLE DESTINÉ À UN
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[54] MEDICAMENT EFFICACE POUR
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D'INCIDENT
[72] TABAK, AIDA RIKOVIC, US
[72] PENZO, MARTA, US
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- [54] SERVICE D'AGREGATION DE PORTAIL METTANT EN CORRESPONDANCE DES IDENTIFIANTS DE DISPOSITIF D'ABONNE AVEC DES ADRESSES DE PORTAIL AUXQUELLES DES REQUETES DE CONNEXION ET D'AUTHENTIFICATION SONT REDIRIGEES ET FACILITANT LA CONFIGURATION DE MASSE D'APPAREILS D'ABONNES
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- [72] XU, JIANMING, CN
- [72] MAURICE, ALVIN MICHAEL, US
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[72] PATEL, HIREN PRAVINBHAI, IN
[72] PATEL, HARSEH ISHWARBHAI, IN
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[72] HELMS, MARTIN, DE
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[72] HAZZARD, NICHOLAS SIMON, US
[72] AYMOND, JEFFREY, US
[72] TISCHER, WILLIAM DALE, US
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[72] DE GRANDPRE, DAVID, CA
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[73] HERBO TECHNOLOGIES INC., CA
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[72] CAI, XIUYU, US
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[72] DEHLINGER, DIETRICH, US
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- [73] LIBURDI ENGINEERING LIMITED, CA
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 - [73] PETROCHINA COMPANY LIMITED, CN
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HYDROTHERMALE DE BOUES
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- [72] JIN, ZEKUN, CN
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- [72] IZUTANI, SHUN, JP
- [72] KAWASAKI, HIROFUMI, JP
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[72] BERGERFURTH, DENNIS, DE
[72] GOTZEN, CHRISTIAN, DE
[72] GEBBEKEN, MARTIN, DE
[73] LEMKEN GMBH & CO KG, DE
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[54] CATALYSEUR D'ELECTRODE POUR UNE ELECTRODE DE DIFFUSION DE GAZ D'UNE PILE A COMBUSTIBLE
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[72] NAKAMURA, YOKO, JP
[72] MIZUSAKI, TOMOTERU, JP
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[72] IGARASHI, HIROSHI, JP
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[54] BOITE A GARNITURE VERROUILLEE ET STRUCTURE DE SEPARATION CONNEXE
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[73] TAIWAN FU HSING INDUSTRIAL CO., LTD., CN
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[54] ISOLATEUR A USAGE UNIQUE, A FLUX LAMINAIRE ET FILTRATION DOUBLE
[72] ZAMBAUX, JEAN PASCAL, FR
[72] RYDER, MARTYN, GB
[73] SOLO CONTAINMENT LIMITED, GB
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ARRAY PANELS AND METHODS
OF MANUFACTURE

[54] PANNEAUX DE RESEAU DE
PHOTODETECTEURS
IMPRIMABLE ET PROCEDES DE
FABRICATION

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[72] TAO, YE, CA

[72] DING, HEPING, CA

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[72] CHANG, SHOUDE, CA

[73] NATIONAL RESEARCH COUNCIL
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PROGRAM

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CONTENU, PROCEDE DE
GESTION DE CONTENU ET
PROGRAMME

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[72] SUEDA, YOSHIKAZU, JP

[72] YASUHARA, TAKAYUKI, JP

[72] SAKAUE, SATOSHI, JP

[72] KAWAUCHI, TETSUYA, JP

[72] NAGASUE, MAMORU, JP

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[73] FUTURE SHOP CO., LTD., JP

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TISSUE-FIXATION ELEMENTS

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ELEMENTS DE FIXATION DES
TISSUS

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[72] SIMMONS, TYLER, US

[72] HALL, COLIN JOHN, GB

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WHEEL MOVEMENT

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DE LA ROUE

[72] STEINBRUNNER, COLE T., US

[72] MEIRING, DONALD T., US

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[73] CROWN EQUIPMENT
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AGING OF AN ELECTRICAL
STORAGE SYSTEM

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VIEILLISSEMENT D'UN
SYSTEME DE STOCKAGE
ELECTRIQUE

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[73] ELECTRICITE DE FRANCE, FR

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[54] METHODS FOR COLLECTING
AND USING PLACENTA CORD
BLOOD STEM CELLS

[54] PROCEDES DESTINES A
PRELEVER ET A UTILISER DES
CELLULES SOUCHES DE SANG
PLACENTAIRES CORDON
OMBILICAL

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[73] CELULARITY INC., US

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[25] EN
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BOREHOLE INTERFERENCE
SEVERITY
[54] GRAVITE DE L'INTERFERENCE
D'UN TROU DE FORAGE
ADJACENTE A UNE ESTIMATION
ACTIVE
[72] RUHLE, WILLIAM OWEN
ALEXANDER, US
[72] SHETTY, DINESH ANANDA, US
[72] SRIDHAR, SRIVIDHYA, US
[72] JAMALI, SHAHAB, US
[73] HALLIBURTON ENERGY
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[86] (3103969)
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SUPPORT GARMENT
[54] VETEMENT DE SOUTIEN DE
PUDEUR POUR JEUNES
ADULTES
[72] CARLINO, SHANNAN C., US
[72] KOSHKAROFF, IUSTINIA, US
[73] NIKE INNOVATE C.V., US
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SUSPENSION FOR VEHICLES
[54] SUSPENSION A TROIS BRAS
INTEGREE A UNE ROUE POUR
VEHICULES
[72] SARDES, AHISHAY, IL
[72] DEKEL, RAN, IL
[72] SEGEV, TOMER, IL
[72] STARIK, ERAN, IL
[73] REE AUTOMOTIVE LTD., IL
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[25] EN
[54] NEURAL NETWORK
ACCELERATION AND
EMBEDDING COMPRESSION
SYSTEMS AND METHODS WITH
ACTIVATION SPARSIFICATION
[54] SYSTEMES ET PROCEDES
D'ACCELERATION DE RESEAU
NEURONAL ET
D'INCORPORATION DE
SYSTEMES ET DE PROCEDES DE
DISTRIBUTION D'ACTIVATION
[72] YAN, ENXU, US
[72] WANG, WEI, US
[73] MOFFETT AI, INC., US
[85] 2020-12-21
[86] 2019-06-21 (PCT/US2019/038422)
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[25] EN
[54] COMPOSITION WITH
INHIBITING FAT FORMATION
AND ANTIOXIDATIVE
ACTIVITIES AND USE THEREOF
[54] COMPOSITION A INHIBITION DE
LA FORMATION DE GRAISSE ET
ACTIVITES ANTIOXYDANTES ET
SON UTILISATION
[72] HUANG, FUHSING, CN
[73] HUANG, FUHSING, CN
[85] 2020-12-29
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[25] EN
[54] FUNGAL ENDOPHYTES FOR
IMPROVED CROP YIELDS AND
PROTECTION FROM PESTS
[54] ENDOPHYTES FONGIQUES POUR
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RENDEMENTS VEGETAUX ET LA
PROTECTION CONTRE LES
NUISIBLES
[72] SWORD, GREGORY A., US
[73] THE TEXAS A & M UNIVERSITY
SYSTEM, US
[86] (3105900)
[87] (3105900)
[22] 2014-11-06
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<p>[11] 3,106,560 [13] C</p> <p>[51] Int.Cl. A61K 9/00 (2006.01) A61K 31/568 (2006.01) A61K 47/06 (2006.01) A61K 47/44 (2017.01) A61P 5/24 (2006.01)</p> <p>[25] EN</p> <p>[54] A STABLE PHARMACEUTICAL COMPOSITION COMPRISING TESTOSTERONE UNDECANOATE</p> <p>[54] COMPOSITION PHARMACEUTIQUE STABLE COMPRENANT UNDECANOATE DE TESTOSTERONE</p> <p>[72] AHN, BYOUNG KI, KR</p> <p>[72] PARK, SO HYUN, KR</p> <p>[73] CHONG KUN DANG PHARMACEUTICAL CORP., KR</p> <p>[85] 2021-01-14</p> <p>[86] 2019-06-27 (PCT/KR2019/007806)</p> <p>[87] (WO2020/022659)</p> <p>[30] KR (10-2018-0085649) 2018-07-23</p>	<p>[11] 3,107,036 [13] C</p> <p>[51] Int.Cl. B24D 11/06 (2006.01) B24D 11/02 (2006.01)</p> <p>[25] EN</p> <p>[54] NONWOVEN ABRASIVE BELT WITH FLEXIBLE JOINT</p> <p>[54] COURROIE ABRASIVE NON TISSEE COMPRENANT UN JOINT FLEXIBLE</p> <p>[72] XU, ZHONG, US</p> <p>[72] RAVISHANKAR, SATHANJHERI, US</p> <p>[72] RICE, WILLIAM C., US</p> <p>[72] RAMIREZ, FERNANDO J., MX</p> <p>[72] RANGEL, JOSE J., US</p> <p>[72] HSU, SHYIGUEI, US</p> <p>[72] CAI, YING, US</p> <p>[72] SPENCER, JEREMY B., US</p> <p>[73] SAINT-GOBAIN ABRASIVES, INC., US</p> <p>[73] SAINT-GOBAIN ABRASIFS, FR</p> <p>[85] 2021-01-19</p> <p>[86] 2019-07-25 (PCT/US2019/043366)</p> <p>[87] (WO2020/023704)</p> <p>[30] US (62/703,404) 2018-07-25</p>	<p>[11] 3,107,354 [13] C</p> <p>[51] Int.Cl. F16C 21/00 (2006.01) F03G 3/08 (2006.01) F16C 35/02 (2006.01) H02K 7/02 (2006.01)</p> <p>[25] EN</p> <p>[54] FLYWHEEL SYSTEMS AND RELATED METHODS</p> <p>[54] SYSTEMES DE VOLANT D'INERTIE ET PROCEDES ASSOCIES</p> <p>[72] GAGNE, CHRISTIAN, CA</p> <p>[72] ARCANDE, SEBASTIEN, CA</p> <p>[72] DOYON, NICOLAS, CA</p> <p>[73] SAINT-AUGUSTIN CANADA ELECTRIC INC., CA</p> <p>[85] 2021-01-22</p> <p>[86] 2020-03-18 (PCT/CA2020/050358)</p> <p>[87] (WO2020/177001)</p> <p>[30] US (16/291,895) 2019-03-04</p>
<p>[11] 3,106,689 [13] C</p> <p>[51] Int.Cl. B29C 64/321 (2017.01) B29C 64/153 (2017.01)</p> <p>[25] EN</p> <p>[54] APPARATUS AND METHOD FOR DISPENSING POWDERED MATERIAL</p> <p>[54] APPAREIL ET PROCEDE DESTINES A DISTRIBUER UN MATERIAU EN POUDRE</p> <p>[72] EDINGER, RALF, CA</p> <p>[73] EDINGER, RALF, CA</p> <p>[85] 2021-01-16</p> <p>[86] 2019-08-05 (PCT/CA2019/051074)</p> <p>[87] (WO2020/028979)</p> <p>[30] US (62/715,139) 2018-08-06</p>	<p>[11] 3,107,445 [13] C</p> <p>[51] Int.Cl. E21B 47/007 (2012.01)</p> <p>[25] EN</p> <p>[54] SUBSURFACE STRAIN ESTIMATION USING FIBER OPTIC MEASUREMENT</p> <p>[54] ESTIMATION DE LA CONTRAINE EN SUBSURFACE AU MOYEN DE LA MESURE PAR FIBRE OPTIQUE</p> <p>[72] DAVIES, KEVIN JOHN, US</p> <p>[73] CHEVRON U.S.A. INC., US</p> <p>[86] (3107445)</p> <p>[87] (3107445)</p> <p>[22] 2021-01-28</p>	

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[25] EN

[54] CONDENSATE SYSTEM FOR
RECUPERATING ENERGY FROM
A NUCLEAR POWER PLANT
[54] SYSTEME DE CONDENSAT POUR
RECUPERATION DE REJET
ENERGETIQUE DE CENTRALE
NUCLEAIRE

[72] ROGOZHIN, VLADIMIR
VLADIMIROVICH, RU

[72] TKHOR, IGOR ALEKSANDROVICH,
RU

[72] PROHOROV, NIKOLAY
ALEKSANDROVICH, RU

[72] KOSAREV, VLADISLAV
FELIKSOVICH, RU

[72] MOSHKOV, KIRILL
VLADIMIROVICH, RU

[72] SHEVOLDIN, ALEKSEY
VYACHESLAVOVICH, RU

[72] SKACHKOV, VYACHESLAV
ANDREYEVICH, RU

[72] MISHIN, YEVGENIY BORISOVICH,
RU

[73] JOINT STOCK COMPANY
SCIENTIFIC RESEARCH AND
DESIGN INSTITUTE FOR ENERGY
TECHNOLOGIES ATOMPROEKT,
RU

[73] JOINT-STOCK COMPANY
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[86] 2017-12-29 (PCT/RU2017/001008)

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[51] Int.Cl. B22F 7/04 (2006.01) B22F
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[25] EN

[54] PROCESS AND COMPOSITION
FOR FORMATION OF HYBRID
ALUMINUM COMPOSITE
COATING

[54] PROCEDE ET COMPOSITION
POUR LA FORMATION D'UN
REVETEMENT COMPOSÉ
D'ALUMINIUM HYBRIDE

[72] CHEN, ZHENG JAMES, CA

[73] HER MAJESTY THE QUEEN IN
RIGHT OF CANADA, AS
REPRESENTED BY THE MINISTER
OF NATURAL RESOURCES, CA

[85] 2021-01-29

[86] 2019-09-18 (PCT/CA2019/051321)

[87] (WO2020/056505)

[30] US (62/734,242) 2018-09-20

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[54] CAPSULES TRANSPORT SYSTEM
WITH INTERCHANGEABLE
HOUSINGS

[54] SYSTEME DE TRANSPORT DE
CAPSULES A LOGEMENTS
INTERCHANGEABLES

[72] RAPPARINI, GINO, IT

[72] GENERALI, MAURIZIO, IT

[73] AROMA SYSTEM S.R.L., IT

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PROVIDING ENTERPRISE
MOBILITY MANAGEMENT
METADATA ANONYMITY
POLICY ENFORCEMENT AND
RELATED METHODS

[54] SYSTEME INFORMATIQUE
FOURNISSANT UNE
APPLICATION DE POLITIQUE
D'ANONYMAT DE
METADONNEES DE GESTION DE
MOBILITE D'ENTREPRISE ET
PROCEDES ASSOCIES

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US

[72] DUCHASTEL, THIERRY, US

[72] AKONDI, ANJANEYA PADMAKAR,
US

[72] WIEBE, PHILIP, US

[72] MUMMIDI, RAJA, US

[72] MAYNARD, JACOB, US

[73] CITRIX SYSTEMS, INC., US

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IMPLANTATION AND METHOD

[54] APPAREIL D'IMPLANTATION
ZYGOMATIQUE ET PROCEDE

[72] SIEV, AHARON, IL

[72] SIEV, RAMI, IL

[73] NORIS MEDICAL LTD., IL

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[25] EN
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[54] STORE DE FENETRE
[72] CHUANG, SHAN-CHI, TW
[73] ABO WINDOW FASHION CORP., US
[73] CHUANG, SHAN-CHI, TW
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A23G 3/50 (2006.01)
[25] EN
[54] METHODS AND APPARATUS FOR
MANUFACTURING
CONFECTIONERY PIECES
[54] PROCEDES ET APPAREIL DE
FABRICATION DE PIECES DE
CONFISERIE
[72] DINGLEY, THOMAS JAMES, GB
[72] TWILLEY, BETHAN, GB
[72] GREWENIG, HEIKE, GB
[72] CAMBIER, ELOISE, GB
[72] VALENTINAS, RAMUNAS, LT
[72] ANDRIUSKEVICIUS, DALIUS, LT
[73] KRAFT FOODS SCHWEIZ HOLDING
GMBH, CH
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[30] GB (1815689.3) 2018-09-26
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[25] EN
[54] GAS SEPARATOR WITH FLUID
RESERVOIR AND SELF-
ORIENTATING INTAKE
[54] SEPARATEUR DE GAZ AVEC
RESERVOIR DE FLUIDE ET
ADMISSION AUTO-ORIENTABLE
[72] BROWN, DONN J., US
[72] ROBERTS, RANDY S., US
[72] PARMETER, LARRY J., US
[73] HALLIBURTON ENERGY
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[25] EN
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RETRIEVING SPECIFIC AND
ADJACENT STRUCTURE
NETWORK MAPS IN REAL TIME
[54] SYSTEMES ET PROCEDES DE
RECUPERATION DE CARTES DE
RESEAU DE STRUCTURE
SPECIFIQUES ET ADJACENTES
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[72] SALIGA, STEPHEN V., US
[72] FREIDINGER, FRITZ E., US
[73] PCTEL, INC., US
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[25] EN
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DEVICE AND METHOD USING
DEDICATED CHORD INPUT UNIT
[54] PERIPHERIQUE D'ENTREE DE
SYMBOLES D'HARMONIES ET
PROCEDE UTILISANT UNE
UNITE D'ENTREE DE CORDES
SPECIALISEE
[72] PARK, JONG WON, KR
[72] KIM, JUN HO, KR
[72] KIM, DONG SAM, KR
[72] YUN, CHANG HO, KR
[73] JUICE CO., LTD., KR
[86] (3113043)
[87] (3113043)
[22] 2021-03-22
[30] KR (10-2020-0079008) 2020-06-29
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[25] EN
[54] METHOD FOR PRODUCING A
SECURITY FEATURE
[54] PROCEDE POUR LA
FABRICATION D'UNE
CARACTERISTIQUE DE
SECURITE
[72] EGGINGER, MARTIN, AT
[72] BERGSMANN, MARTIN, AT
[72] MAYRHOFER, MARCO, AT
[73] HUECK FOLIEN GESELLSCHAFT
M.B.H., AT
[73] BANQUE DE FRANCE, FR
[85] 2021-03-19
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[25] EN
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METHODS AND APPARATUS FOR
MANUFACTURING THE SAME
[54] COQUES DE CONFISERIE,
PROCEDES ET APPAREILS POUR
LES FABRIQUER
[72] CHILVER, IAN, GB
[72] SEYLLER, MILENA, DE
[72] RAPP, JEAN-PHILIPPE, DE
[73] KRAFT FOODS SCHWEIZ HOLDING
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[54] SYSTEME ET PROCEDE POUR IDENTIFICATION RFID D'ACCESSOIRES ELECTROCHIRURGICAUX
[72] CANADY, JEROME, US
[72] RAY, LAXMI, US
[72] YAN, FENG, US
[72] SUMANASENA, BUDDIKA, US
[72] ZHUANG, TAISEN, US
[73] U.S. PATENT INNOVATIONS, LLC, US
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[25] EN
[54] STATIC MULTIVIEW DISPLAY AND METHOD EMPLOYING DIRECTIONAL LIGHT SOURCE AND HORIZONTAL DIFFUSER
[54] AFFICHAGE MULTIVUES STATIQUE ET PROCEDE UTILISANT UNE SOURCE DE LUMIERE DIRECTIONNELLE ET UN DIFFUSEUR HORIZONTAL
[72] FATTAL, DAVID A., US
[73] LEIA INC., US
[85] 2021-04-12
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[54] FILM DE POLYESTER, METHODE DE PREPARATION ET METHODE DE REPRODUCTION D'UN CONTENANT EN POLYTEREPHTHALATE D'ETHYLENE AU MOYEN DU FILM
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[72] KIM, CHUI KYU, KR
[72] KIM, YONG DEUK, KR
[73] SK MICROWORKS CO., LTD., KR
[86] (3116849)
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[72] WU, YIZHUANG, CN
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[54] PROCEDE ET APPAREIL DE DETERMINATION DE POLITIQUE, ET TERMINAL
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[73] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] ANALYSEUR DE COMPOSITION DE DECHETS DE PIECES D'EQUIPEMENT ELECTRONIQUE/ELECTRIQUE, DISPOSITIF DE TRAITEMENT DE DECHETS DE PIECES D'EQUIPEMENT ELECTRONIQUE/ELECTRIQUE, ET PROCEDE DE TRAITEMENT DE DECHETS DE PIECES D'EQUIPEMENT ELECTRONIQUE/ELECTRIQUE
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[72] KAWAMURA, TOSHIKUMI, JP
[73] JX NIPPON MINING & METALS CORPORATION, JP
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[54] DISPOSITIF MEDICAL POUR LA PREVENTION DE LA CONSTIPATION, POUR L'ELIMINATION DE LA COPROSTASE ET POUR DE BONNES SELLES
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[72] LU, ZHAOHUA, CN
[72] LI, YU NGOK, CN
[72] YAO, KE, CN
[72] JIANG, CHUANGXIN, CN
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[54] NACELLE AMOVIBLE DE COLLECTE DE DONNEES LIDAR D'AUTOMOBILE
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[72] WILLIAMS, CHRISTOPHER, US
[73] AURORA OPERATIONS, INC., US
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[54] PROCEDE ET APPAREIL POUR GARANTIR EN CONTINU UNE QUALITE SUFFISANTE DE PASTILLES VERTES
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[72] SEMILLER, KARL, DE
[72] RANNANTIE, SUVI, DE
[73] METSO OUTOTEC FINLAND OY, FI
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[54] VITRAGE DE FACADE ET ENSEMBLE VITRAGE ISOLANT
[72] DROGE, ALICIA, DE
[72] HOLTSTIEGE, THOMAS, DE
[72] MARJAN, CHRISTOPHER, DE
[72] EFFERTZ, CHRISTIAN, DE
[73] SAINT-GOBAIN GLASS FRANCE, FR
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 [73] CAREFUSION 303, INC., US
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 [54] **COMMUNICATIONS A ENTREES MULTIPLES ET SORTIES MULTIPLES COOPERATIVES NON COHERENTES**
 [72] BLACK, PETER JOHN, US
 [72] KADOUS, TAMER ADEL, US
 [72] FAN, MICHAEL MINGXI, US
 [72] MALLIK, SIDDHARTH, US
 [73] XCOM LABS, INC., US
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 [54] **COMPOSITION DE REVETEMENT POLYMER PRESENTANT UN FAIBLE POINT D'EBULLITION**
 [72] NOTHERS, BJORN, DE
 [72] KELLERS, SIMON, DE
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 [73] ACTEGA RHENANIA GMBH, DE
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 [54] **FABRIC MATERIAL FOR MEDICAL DEVICES**
 [54] **MATERIAU TEXTILE POUR DISPOSITIFS MEDICAUX**
 [72] ALKHATIB, YOUSEF F., US
 [72] REIMER, JAY, US
 [72] ASHWORTH, PAUL E., US
 [72] HIGH, KEITH T., US
 [72] KALETA, RICHARD, US
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 [54] **EXFOLIATIVE CELL COLLECTION DEVICE FOR UTERUS EXAMINATION**
 [54] **DISPOSITIF DE PRELEVEMENT DE CELLULES EXFOLIEES POUR EXAMEN DE L'UTERUS**
 [72] IM, WOOK BIN, KR
 [73] BIODYNE CO., LTD., KR
 [85] 2021-05-21
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 [54] **DISPOSITIF DE DEMAGNETISATION ET DE MESURE DE LA SIGNATURE**
 [72] LUDWIG, WOLFGANG, CH
 [72] LUDWIG, STEFAN, CH
 [72] LUDWIG, CHRISTOPH, DE
 [72] KAMA, SEZGIN, DE
 [72] STEINFORT, ADRIANUS J., CH
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[54] MATERIAUX A BASE DE CELLULOSE AMELIORES COMPRENANT DES PREPARATIONS D'AMELIORATION DE LA RESISTANCE ET CONTENANTS FAITS DE CES MATERIAUX
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[72] REGEL, JAMES D., US
[73] INTERNATIONAL PAPER COMPANY, US
[86] (3122653)
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[54] TOLE D'ACIER INOXYDABLE FERRITIQUE ET SON PROCEDE DE PRODUCTION
[72] INOUE, KEISHI, JP
[72] KAWABE, HIDETAKA, JP
[72] YOSHINO, MASATAKA, JP
[72] FUJISAWA, MITSUYUKI, JP
[73] JFE STEEL CORPORATION, JP
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[54] SYSTEMES OPTIQUES COMPRENANT UN LOE A EXPANSION A TROIS ETAGES
[72] DANZIGER, YOCHAY, IL
[72] CHRIKI, RONEN, IL
[72] GELBERG, JONATHAN, IL
[73] LUMUS LTD., IL
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[54] TRAITEMENT DU CANCER A L'AIDE DE DOCETAXEL PAR LA REGULATION DES NIVEAUX PLASMATIQUES MAXIMAUX
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[72] SCHELLENS, JOHANNES HENRICUS MATTHIAS, NL
[73] MODRA PHARMACEUTICALS B.V., NL
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[54] POLYTHERAPIE CONTRE DES TUMEURS SOLIDES A L'AIDE DE DOCETAXEL ET D'UN INHIBITEUR DE CYP3A
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[54] CLIMATISEUR, ET PROCEDE ET DISPOSITIF DE COMMANDE DE SYSTEME DE CHAUFFAGE ASSOCIE
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[72] YANG, GUOZHONG, CN
[72] WANG, MINGREN, CN
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[73] ECO RESEARCH INSTITUTE LTD., JP
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[25] EN
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[54] SYSTEME A CONDUITE AUTONOME DE TRAITEMENT DE CEREALES, PROCEDE DE CONDUITE AUTONOME ET PROCEDE DE RECONNAISSANCE AUTOMATIQUE
[72] WU, DI, CN
[72] ZHANG, XIAO, CN
[72] WANG, QINGQUAN, CN
[72] TONG, CHAO, CN
[72] SHEN, YONGQUAN, CN
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[72] JAIRATH, SUMTI, US
[72] LUTTRELL, MARK, US
[72] PRABHAKAR, RAGHU, US
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[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] DISPOSITIF DE GAZEIFICATION ET OBTURATEUR PLASMA AVEC SYSTEME DE RALEMENTISSEMENT DE PLASMA PAR MICRO-ONDES DE DISPOSITIF DE GAZEIFICATION
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[72] FISENKO, PETRO, UA
[72] SLAVIK, ZBYNEK, CZ
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[73] UOP LLC, US
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 [54] CONDITIONNEUR D'AIR DE FENETRE
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 [72] LIU, YU, CN
 [72] TANG, YUHANG, CN
 [72] XING, ZHIGANG, CN
 [72] YU, HUI, CN
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 [54] APPAREIL DE FREIN A DISQUE UTILISANT DES MOYENS MOTEUR COMBINES A UN GENERATEUR
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 [73] JSH ECO ENERGY CO.,LTD., KR
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 [72] GALLOWAY, RYAN, US
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[54] SYSTEME ET METHODE POUR
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GRAINS
[72] AHERN, DAVID, US
[72] DUNCAN, DAVID, US
[72] RODRIGUEZ, RYAN, US
[71] AG GROWTH INTERNATIONAL
INC., CA
[22] 2021-12-21
[41] 2023-06-21

[21] 3,143,450
[13] A1

[51] Int.Cl. C07C 323/52 (2006.01) A61K
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A61K 39/39 (2006.01) A61K 47/44
(2017.01) A61P 31/00 (2006.01) A61P
35/00 (2006.01) A61P 37/04 (2006.01)

[25] EN
[54] LIPIDS AND COMPOSITIONS
THEREOF

[54] LIPIDES ET COMPOSITIONS
CONNEXES

[72] KARPOV, YURY, CA
[72] GOPALAKRISHNA PANICKER,
RAJESH KRISHNAN, CA
[71] PROVIDENCE THERAPEUTICS
HOLDINGS INC., CA
[22] 2021-12-22
[41] 2023-06-22

[21] 3,143,466
[13] A1

[51] Int.Cl. B25B 13/46 (2006.01) F16D
41/12 (2006.01) F16D 41/16 (2006.01)
[25] EN
[54] RATCHET MECHANISM AND
RATCHET PAWL
[54] MECANISME A DECLIC ET
ROCHET
[72] ADIBI, DARIUS S., US
[71] MATCO TOOLS CORPORATION, US
[22] 2021-12-21
[41] 2023-06-21

[21] 3,143,648
[13] A1

[51] Int.Cl. A61F 9/00 (2006.01) A61M
35/00 (2006.01)
[25] EN
[54] OCULAR MEDICATION
DELIVERY APPARATUS
[54] APPAREIL D'ADMINISTRATION
DE MEDICATION OCULAIRE
[72] VAN GORDEN, MARCUS, US
[72] HOFFMAN, DREW, US
[71] VAN GORDEN, MARCUS, US
[71] HOFFMAN, DREW, US
[22] 2021-12-22
[41] 2023-06-22

[21] 3,143,650
[13] A1

[51] Int.Cl. C07C 323/52 (2006.01) A61K
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A61K 39/39 (2006.01) A61K 47/44
(2017.01) A61P 31/00 (2006.01) A61P
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[25] EN
[54] LIPIDS AND COMPOSITIONS
THEREOF

[54] LIPIDES ET COMPOSITIONS
CONNEXES

[72] KARPOV, YURY, CA
[72] GOPALAKRISHNA PANICKER,
RAJESH KRISHNAN, CA
[71] PROVIDENCE THERAPEUTICS
HOLDINGS INC., CA
[22] 2021-12-22
[41] 2023-06-22

[21] 3,143,656
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[51] Int.Cl. B42D 25/36 (2014.01) B42D
25/30 (2014.01)
[25] EN
[54] DYNAMIC MICRO-OPTIC
SECURITY DEVICES, THEIR
PRODUCTION AND USE
[54] DISPOSITIFS DE SECURITE
MICRO-OPTIQUES
DYNAMIQUES, PRODUCTION ET
UTILISATION
[72] BRASSARD, DANIEL, CA
[72] BOUTIN, ALEX, CA
[72] MACPHERSON, CHARLES
DOUGLAS, US
[72] OMRANE, BADR, CA
[71] BANK OF CANADA, CA
[71] NATIONAL RESEARCH COUNCIL
OF CANADA, CA
[22] 2021-12-22
[41] 2023-06-22

[21] 3,143,674
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[51] Int.Cl. A21D 8/04 (2006.01) A23L
7/104 (2016.01) A23L 7/109 (2016.01)
[25] EN
[54] PASTA SOURDOUGH CULTURES
AND METHODS OF MAKING
SAME
[54] CULTURES DE LEVAIN DE PATES
ET METHODES DE PRODUCTION
[72] LETTRARI, SILVIO UMBERTO, CA
[71] KASLO SOURDOUGH INC., CA
[22] 2021-12-22
[41] 2023-06-22

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[21] 3,144,097 [13] A1 [51] Int.Cl. B60P 1/16 (2006.01) [25] EN [54] HYDRAULIC CYLINDER ASSEMBLY FOR DUMP TRAILERS [54] ASSEMBLAGE DE VERIN HYDRAULIQUE POUR UNE REMORQUE A BASCULE [72] BEARINGER, ELWIN, CA [71] BEARINGER, ELWIN, CA [22] 2021-12-24 [41] 2023-06-24

[21] 3,143,843 [13] A1 [51] Int.Cl. G06V 10/75 (2022.01) G07C 9/37 (2020.01) G06V 10/40 (2022.01) G06V 10/82 (2022.01) G06V 40/16 (2022.01) G06V 40/40 (2022.01) [25] EN [54] SYSTEMS AND METHODS FOR FACE AND OBJECT TRACKING AND MONITORING [54] SYSTEMES ET METHODES POUR LE SUIVI ET LA SURVEILLANCE DE FACE ET D'OBJET [72] ANSARI, DANISH AHMED, IN [72] KRISHNASAMY, MURUGAN, AE [72] SAXENA, RAJNEESH KANT, IN [72] YADAV, RAJEEV, NG [71] CYBERSMART TECHNOLOGIES INC., CA [22] 2021-12-23 [41] 2023-06-23

[21] 3,144,998 [13] A1 [51] Int.Cl. E21B 21/00 (2006.01) C09K 8/504 (2006.01) [25] EN [54] SUBTERRANEAN DRILLING AND COMPLETION IN GEOTHERMAL WELLS [54] FORAGE SOUTERRAIN ET COMPLETION DANS LES PUITS GEOTHERMIQUES [72] JAMISON, DALE E., US [72] EVANS, BRIAN ALAN, US [72] SHUMWAY, WILLIAM WALTER, US [72] BENOIT, DENISE NICOLE, US [71] HALLIBURTON ENERGY SERVICES, INC., US [22] 2022-01-07 [41] 2023-06-20 [30] US (17/556,836) 2021-12-20
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<p>[21] 3,180,291 [13] A1</p> <p>[51] Int.Cl. A01D 41/127 (2006.01) A01D 41/06 (2006.01) A01D 45/02 (2006.01)</p> <p>[25] EN</p> <p>[54] CROP CONSTITUENTS AND AGRICULTURAL HARVESTER CONTROL</p> <p>[54] ELEMENTS CONSTITUTIFS DE CULTURE ET COMMANDE DE MOISSONNEUSE AGRICOLE</p> <p>[72] MCDONALD, BRANDON, M., US</p> <p>[72] SATCHELL, RYAN, F., US</p> <p>[72] ROTH, CHRISTOPHER, L., US</p> <p>[72] MEISTER, TIMOTHY, O., US</p> <p>[72] ANDERSON, NOEL, W., US</p> <p>[71] DEERE & COMPANY, US</p> <p>[22] 2022-10-27</p> <p>[41] 2023-06-20</p> <p>[30] US (17/556,121) 2021-12-20</p>
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<p style="text-align: right;">[21] 3,180,610 [13] A1</p> <p>[51] Int.Cl. C12N 5/04 (2006.01) A23L 19/00 (2016.01) A01H 6/82 (2018.01) A01H 1/00 (2006.01) A01H 4/00 (2006.01) A01H 5/00 (2018.01) A01H 5/08 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)</p> <p>[25] EN</p> <p>[54] TOMATO VARIETY NUN 09315 TOF</p> <p>[54] TOMATE DE VARIETE NUN 09315 TOF</p> <p>[72] SILVERTAND, BEN, NL</p> <p>[72] WANTEN, PASCAL, NL</p> <p>[71] NUNHEMS B.V., NL</p> <p>[22] 2022-11-01</p> <p>[41] 2023-06-22</p> <p>[30] US (63/292,704) 2021-12-22</p>	<p style="text-align: right;">[21] 3,181,890 [13] A1</p> <p>[51] Int.Cl. G03H 1/22 (2006.01)</p> <p>[25] EN</p> <p>[54] PROJECTION DEVICE AND PROJECTION SYSTEM</p> <p>[54] DISPOSITIF ET SYSTEME DE PROJECTION</p> <p>[72] LI, BIN, CN</p> <p>[72] XIAO, KUN, CN</p> <p>[72] HUANG, HAI, CN</p> <p>[72] GAO, JIE, CN</p> <p>[71] SAVANT TECHNOLOGIES LLC, US</p> <p>[22] 2022-11-14</p> <p>[41] 2023-06-22</p> <p>[30] US (202111581361.6) 2021-12-22</p>	<p style="text-align: right;">[21] 3,182,583 [13] A1</p> <p>[51] Int.Cl. A01C 7/20 (2006.01) A01C 5/06 (2006.01) A01C 7/08 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM FOR MOVING DISTRIBUTION LINES OF A PRODUCT DISTRIBUTION SYSTEM</p> <p>[54] SYSTEME DE DEPLACEMENT DES LIGNES DE DISTRIBUTION D'UN SYSTEME DE DISTRIBUTION DE PRODUITS</p> <p>[72] YUEN, CORY A., CA</p> <p>[72] STEFANIUK, MATTHEW J., CA</p> <p>[72] JOHNSON, GREGORY, CA</p> <p>[72] ZACHARIAS, DARWIN L., CA</p> <p>[71] CNH INDUSTRIAL CANADA, LTD., CA</p> <p>[22] 2022-11-22</p> <p>[41] 2023-06-21</p> <p>[30] US (17/558,187) 2021-12-21</p>
<p style="text-align: right;">[21] 3,181,973 [13] A1</p> <p>[25] EN</p> <p>[54] A CONTROL CIRCUIT FOR A LIGHT ADJUSTMENT AND A TONE ADJUSTMENT AND AN IMPLEMENTATION METHOD THEREOF</p> <p>[54] CIRCUIT DE COMMANDE POUR UN AJUSTEMENT DE LUMIERE ET UN AJUSTEMENT DE TON ET METHODE DE MISE EN OEUVRE</p> <p>[72] CHEN, LIANG, CN</p> <p>[72] XIAO, JIANJUN, CN</p> <p>[72] JIANG, MING, CN</p> <p>[72] WANG, FANG, CN</p> <p>[71] HENGDIAN GROUP TOSPO LIGHTING CO., LTD., CN</p> <p>[22] 2022-11-15</p> <p>[41] 2023-06-24</p> <p>[30] CN (202111599113.4) 2021-12-24</p>	<p style="text-align: right;">[21] 3,182,646 [13] A1</p> <p>[51] Int.Cl. F01D 9/00 (2006.01)</p> <p>[25] EN</p> <p>[54] A TURBINE ARRANGEMENT INCLUDING A TURBINE OUTLET STATOR VANE ARRANGEMENT</p> <p>[54] CONFIGURATION DE TURBINE COMPRENANT UN AGENCEMENT D'AUBE DE STATOR DE SORTIE DE TURBINE</p> <p>[72] TOWNES, RODERICK M., GB</p> <p>[72] LEORRI LOPEZ, JOSEBA, GB</p> <p>[71] ITP NEXT GENERATION TURBINES, S.L., ES</p> <p>[22] 2022-11-23</p> <p>[41] 2023-06-24</p> <p>[30] ES (P202131216) 2021-12-24</p> <p>[30] GB (GB2201597.8) 2022-02-08</p>	

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[51] Int.Cl. G06F 30/15 (2020.01) B64C 3/10 (2006.01) B64C 3/14 (2006.01) B64F 5/00 (2017.01)
[25] EN
[54] SIMPLIFIED METHOD FOR PARAMETRIC SURFACE GENERATION
[54] METHODE SIMPLIFIEE POUR LA GENERATION DE SURFACE PARAMETRIQUE
[72] LLAMAS SANDIN, RAUL CARLOS, ES
[72] BAILEY NOVAL, NICOLAS, ES
[71] AIRBUS OPERATIONS, S.L.U., ES
[22] 2022-11-22
[41] 2023-06-20
[30] EP (21383166.2) 2021-12-20

[21] 3,183,028
[13] A1
[51] Int.Cl. B01J 19/18 (2006.01) C08F 8/28 (2006.01)
[25] EN
[54] EQUIPMENT AND METHOD FOR PREPARING AN ALDEHYDE-FUNCTIONALISED POLYMER
[54] EQUIPEMENT ET METHODE DE PREPARATION D'UN POLYMERÉ FONCTIONNALISÉ À L'ALDEHYDE
[72] BARRIERE, CYRIL, FR
[72] FOUGEROUSSE, DAMIEN, FR
[71] SPCM SA, FR
[22] 2022-11-29
[41] 2023-06-22
[30] US (17/868,371) 2022-07-19
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[21] 3,183,045
[13] A1
[51] Int.Cl. G06V 20/56 (2022.01)
[25] EN
[54] SYSTEM AND METHOD FOR OPTIMIZING COLLECTION AND TRANSMISSION OF SURVEYING DATA ACROSS A ROAD NETWORK
[54] SYSTEME ET METHODE POUR OPTIMISER LA COLLECTE ET LA TRANSMISSION DE DONNEES D'ARPENTAGE SUR UN RESEAU ROUTIER
[72] TAL, ROYI, CA
[72] BAKONYI, THOMAS, CA
[72] IBANA, REDENTHOR, CA
[71] VISUAL DEFENCE INC., CA
[22] 2022-12-01
[41] 2023-06-22
[30] US (17/559,315) 2021-12-22

[21] 3,183,001
[13] A1
[51] Int.Cl. B24B 21/00 (2006.01) B24B 41/00 (2006.01) B24B 53/12 (2006.01)
[25] EN
[54] BELT LOADING METHOD AND DEVICE FOR MATERIAL REMOVAL TOOL
[54] METHODE DE CHARGEMENT DE COURROIE ET DISPOSITIF POUR OUTIL D'EXTRACTION DE MATERIAU
[72] MORIN, PHILIPPE, CA
[72] ROUX, THOMAS, CA
[72] FORTIER, GUILLAUME, CA
[72] HOANG, CANAM, CA
[72] WHITTON, GUILLAUME, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2022-11-25
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[21] 3,183,037
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[51] Int.Cl. A01B 63/22 (2006.01) A01B 63/16 (2006.01) A01C 5/06 (2006.01) A01C 7/20 (2006.01)
[25] EN
[54] PENETRATION DEPTH CONTROL AND GAUGE WHEEL CONTACT FORCE MONITORING SYSTEM FOR AN AGRICULTURAL ROW UNIT
[54] COMMANDE DE PROFONDEUR DE PENETRATION ET SYSTEME DE SURVEILLANCE DE LA FORCE DE CONTACT D'UN DISQUE RAYONNEUR POUR UN RAYONNEUR AGRICOLE
[72] THOMPSON, DENNIS GEORGE, US
[72] KOWALCHUCK, TREVOR LAWRENCE, US
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2022-12-01
[41] 2023-06-23
[30] US (17/560,885) 2021-12-23

[21] 3,183,301
[13] A1
[51] Int.Cl. C09C 3/12 (2006.01) B32B 11/02 (2006.01) B32B 27/04 (2006.01) B32B 37/24 (2006.01)
[25] EN
[54] METHOD FOR THE PRODUCTION OF COATED MINERAL GRIT FOR ROOFING OF BUILDINGS
[54] METHODE POUR LA PRODUCTION DE GRAVIER MINERAL REVETU POUR LA COUVERTURE DE BATIMENTS
[72] FLOREAN, LUCA, IT
[72] MAZZER, EMILIO, IT
[71] TEGOLA CANADESE S.R.L., IT
[22] 2022-11-30
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[13] A1
[51] Int.Cl. F21S 4/24 (2016.01)
[25] EN
[54] LIGHT-EMITTING DEVICE FOR DISPLAY SCREEN AND METHOD OF CONTROLLING THE SAME
[54] DISPOSITIF D'EMISSION DE LUMIERE POUR UN ECRAN ET METHODE DE COMMANDE
[72] WANG, QINGKAI, CN
[72] GONG, YANKUN, CN
[72] XIAO, KUN, CN
[72] CHU, XIAOHONG, CN
[71] SAVANT TECHNOLOGIES LLC, US
[22] 2022-11-30
[41] 2023-06-21
[30] CN (202111575699.0) 2021-12-21

[21] 3,183,912
[13] A1
[51] Int.Cl. G06V 10/70 (2022.01) G06V 10/54 (2022.01) G06V 10/82 (2022.01) G06T 7/40 (2017.01)
[25] EN
[54] TEXTURE-BASED AUTHENTICATION OF DIGITAL IDENTITY DOCUMENTS
[54] AUTHENTIFICATION DE DOCUMENTS D'IDENTITE NUMERIQUE FONDEE SUR LA TEXTURE
[72] HSU, REIN-LIEN, US
[72] MARTIN, BRIAN, US
[71] IDEMIA IDENTITY & SECURITY USA LLC, US
[22] 2022-12-12
[41] 2023-06-22
[30] US (17/558,629) 2021-12-22

[21] 3,183,975
[13] A1
[25] EN
[54] GENERATOR SET-ENGINE LOAD MANAGEMENT TECHNIQUES
[54] TECHNIQUES DE GESTION DE LA CHARGE MOTRICE D'UN GROUPE ELECTROGENE
[72] MISHRA, ABHISHEK K., IN
[72] NAMACHIVAYAM, RAJARAM, IN
[72] FRAYSURE, III, PAUL W., US
[72] OSBORNE, GARETH, GB
[72] ENGLISH, WILLIAM R., GB
[72] WORRALL, CHRISTOPHER J., GB
[71] CATERPILLAR INC., US
[22] 2022-12-13
[41] 2023-06-21
[30] US (17/557,527) 2021-12-21

[21] 3,183,525
[13] A1
[51] Int.Cl. E05F 15/603 (2015.01) E05F 15/40 (2015.01)
[25] EN
[54] BRAKE FOR VEHICLE CLOSURE ACTUATOR
[54] FREIN POUR UN ACTIONNEUR DE FERMETURE DE VEHICULE
[72] SPROUSE, GREGORY, US
[72] NGEM, KIMPON, US
[72] CROCIATA, PAUL, US
[72] BUELL, STEVEN, US
[72] KUHLMAN, HOWARD, US
[71] STRATTEC POWER ACCESS LLC, US
[22] 2022-12-06
[41] 2023-06-23
[30] US (18/073,773) 2022-12-02
[30] US (63/293,466) 2021-12-23

[21] 3,183,939
[13] A1
[25] EN
[54] PIG FOR INSPECTING A TUBULAR OBJECT
[54] RACLEUR POUR INSPECTER UN OBJET TUBULAIRE
[72] PHIPPS, JONATHAN, GB
[72] WALSH, JOSEPH, GB
[72] LEWIS, HUGH, GB
[72] BETTLEY, NICHOLAS, GB
[71] COKEBUSTERS LIMITED, GB
[22] 2022-12-12
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[30] GB (2118614.3) 2021-12-21

[21] 3,183,977
[13] A1
[51] Int.Cl. B25F 5/02 (2006.01)
[25] EN
[54] POWER TOOL AND PROTECTING COVER THEREOF
[54] OUTIL ELECTRIQUE ET COUVERCLE PROTECTEUR
[72] SHU, GONG MENG, CN
[72] LI, DA ZHENG, CN
[72] ZHANG, XIANG HUA, CN
[71] TECHTRONIC CORDLESS GP, US
[22] 2022-12-13
[41] 2023-06-20
[30] CN (202123232074.2) 2021-12-20

[21] 3,183,708
[13] A1
[51] Int.Cl. B23H 1/00 (2006.01)
[25] EN
[54] WIRE ELECTRICAL DISCHARGE MACHINE
[54] MACHINE D'ELECTROEROSION A FIL
[72] MONDADA, MATTEO, CH
[71] AGIE CHARMILLES SA, CH
[22] 2022-12-09
[41] 2023-06-23
[30] EP (21 217 243.1) 2021-12-23

[21] 3,183,963
[13] A1
[51] Int.Cl. B22F 1/18 (2022.01) C08J 7/044 (2020.01) B22F 7/02 (2006.01) B22F 9/20 (2006.01) C08J 7/06 (2006.01) C23C 18/20 (2006.01) C23C 18/31 (2006.01)
[25] EN
[54] METALLIZED POLYMER PARTICLES AND RELATED METHODS
[54] PARTICULES POLYMERES METALLISEES ET METHODES CONNEXES
[72] HU, NAN-XING, CA
[72] WANG, YULIN, CA
[72] GARDNER, SANDRA J., CA
[71] XEROX CORPORATION, US
[22] 2022-12-13
[41] 2023-06-22
[30] US (17/559,653) 2021-12-22

[21] 3,183,983
[13] A1
[51] Int.Cl. B27C 5/10 (2006.01)
[25] EN
[54] ROUTER INCLUDING CUTTING DEPTH LOCKING AND ADJUSTMENT MECHANISM
[54] TOUPIE COMPRENANT UN MECANISME D'AJUSTEMENT ET DE VERROUILLAGE DE LA PROFONDEUR DE COUPE
[72] SCANGAMOR, ANDREW J., US
[72] MURPHY, PATRICK, US
[72] JOHNSON, AUSTIN J., US
[72] RAMESH, DIVYESHWAR, US
[72] LOUW, ANTOINETTE, US
[72] MATLOCK, MASON A., US
[72] NIE, WEN, CN
[72] LI, PING, CN
[71] TECHTRONIC CORDLESS GP, US
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[30] CN (202123207450.2) 2021-12-20

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[51] Int.Cl. C10G 1/02 (2006.01) C08J 11/18 (2006.01) C10G 69/06 (2006.01) C08H 7/00 (2011.01)
[25] EN
[54] SOLVOLYSIS PROCESS
[54] PROCEDE DE SOLVOLYSE
[72] GUTIERREZ, ANDREA, FI
[72] WESTERHOF, ROEL, NL
[72] KERSTEN, SASCHA, NL
[72] HEESINK, BERT, NL
[72] JOKELA, PEKKA, FI
[71] UPM-KYMMENE CORPORATION, FI
[22] 2022-12-14
[41] 2023-06-23
[30] FI (20216331) 2021-12-23

[21] 3,184,023
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[51] Int.Cl. B01D 11/02 (2006.01) B09B 3/40 (2022.01) B09B 3/70 (2022.01) B09B 3/80 (2022.01) B29B 17/00 (2006.01)
[25] EN
[54] TWO-STAGE PROCESS WITH THERMAL CONVERSION
[54] PROCEDE A DEUX ETAGES DE CONVERSION THERMIQUE
[72] GUTIERREZ, ANDREA, FI
[72] WESTERHOF, ROEL, NL
[72] KERSTEN, SASCHA, NL
[72] HEESINK, BERT, NL
[72] JOKELA, PEKKA, FI
[71] UPM-KYMMENE CORPORATION, FI
[22] 2022-12-14
[41] 2023-06-23
[30] FI (20216332) 2021-12-23

[21] 3,184,060
[13] A1
[51] Int.Cl. A01K 85/16 (2006.01) A01K 83/06 (2006.01) A01K 97/00 (2006.01)
[25] EN
[54] RAPIDLY ADJUSTABLE BAIT PROTECTOR
[54] PROTECTEUR DE LEURRE RAPIDEMENT AJUSTABLE
[72] CORTAZZO, DANIEL, US
[72] PRATHER, EVIN, US
[72] HAMILTON, CHRISTIAN, US
[71] UNICORN SQUAD, INC., US
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[41] 2023-06-20
[30] US (17/556,838) 2021-12-20

[21] 3,184,081
[13] A1
[51] Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A01H 6/20 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)
[25] EN
[54] CANOLA HYBRID VARIETY 9CN0103
[54] VARIETE DE CANOLA HYBRIDE 9CN0103
[72] MANSIERE, JEFFREY, CA
[72] BRANDT, STEWART, CA
[71] BASF AGRICULTURAL SOLUTIONS SEED US LLC, US
[22] 2022-12-15
[41] 2023-06-20
[30] US (17/555,737) 2021-12-20

[21] 3,184,095
[13] A1
[51] Int.Cl. C10G 1/02 (2006.01) C08J 11/18 (2006.01) C10G 69/06 (2006.01) C08H 7/00 (2011.01)
[25] EN
[54] SOLVOLYSIS PROCESS FOR COMBINED FEEDSTOCK
[54] PROCEDE DE SOLVOLYSE POUR UNE CHARGE D'ALIMENTATION COMBINEE
[72] JOKELA, PEKKA, FI
[72] GUTIERREZ, ANDREA, FI
[72] WESTERHOF, ROEL, NL
[72] KERSTEN, SASCHA, NL
[72] HEESINK, BERT, NL
[71] UPM-KYMMENE CORPORATION, FI
[22] 2022-12-15
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[30] FI (20216335) 2021-12-23

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[13] A1
[51] Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A01H 6/20 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)
[25] EN
[54] CANOLA HYBRID VARIETY 8CN0010
[54] VARIETE DE CANOLA HYBRIDE 8CN0010
[72] MANSIERE, JEFFREY, CA
[72] BRANDT, STEWART, CA
[71] BASF AGRICULTURAL SOLUTIONS SEED US LLC, US
[22] 2022-12-15
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[30] US (17/555,706) 2021-12-20

[21] 3,184,305
[13] A1
[51] Int.Cl. C10M 163/00 (2006.01) C10M 137/10 (2006.01) C10M 159/20 (2006.01)
[25] EN
[54] MIXED FLEET CAPABLE LUBRICATING COMPOSITIONS
[54] COMPOSITIONS DE LUBRIFICATION CAPABLES DE FLOTTE MIXTE
[72] GILES, NICHOLAS, US
[72] RITZENTHALER, ABAIGEAL, US
[72] DONHAM, LEAH, US
[71] AFTON CHEMICAL CORPORATION, US
[22] 2022-12-15
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<p style="text-align: right;">[21] 3,184,362 [13] A1</p> <p>[51] Int.Cl. F28D 21/00 (2006.01) F28F 3/12 (2006.01) F28F 9/02 (2006.01)</p> <p>[25] EN</p> <p>[54] HEAT EXCHANGER</p> <p>[54] ECHANGEUR THERMIQUE</p> <p>[72] SCHMIDT, CHARLES RICHARD, US</p> <p>[72] BERG, TROY F., US</p> <p>[71] DANITHERM COOLING, INC., US</p> <p>[22] 2022-12-19</p> <p>[41] 2023-06-20</p> <p>[30] US (63/291,509) 2021-12-20</p>	<p style="text-align: right;">[21] 3,184,370 [13] A1</p> <p>[51] Int.Cl. A61B 6/03 (2006.01) G06T 7/70 (2017.01) G16H 30/40 (2018.01) A61B 5/00 (2006.01) A61B 6/08 (2006.01) G06N 3/08 (2023.01)</p> <p>[25] EN</p> <p>[54] CT SCANNING METHOD AND SYSTEM, ELECTRONIC DEVICE, AND COMPUTER-READABLE STORAGE MEDIUM</p> <p>[54] METHODE ET SYSTEME DE TOMOGRAPHIE PAR ORDINATEUR, DISPOSITIF ELECTRONIQUE ET SUPPORT DE STOCKAGE LISIBLE PAR ORDINATEUR</p> <p>[72] WANG, ZHENCHANG, CN</p> <p>[72] ZHNAG, LI, CN</p> <p>[72] YIN, HONGXIA, CN</p> <p>[72] XING, YUXIANG, CN</p> <p>[72] CHEN, ZHIQIANG, CN</p> <p>[72] KANG, KEJUN, CN</p> <p>[72] LI, LIANG, CN</p> <p>[72] ZHAO, PENGFEI, CN</p> <p>[72] ZHANG, ZHENGYU, CN</p> <p>[72] LI, JING, CN</p> <p>[72] LV, HAN, CN</p> <p>[71] BEIJING FRIENDSHIP HOSPITAL, CAPITAL MEDICAL UNIVERSITY, CN</p> <p>[71] TSINGHUA UNIVERSITY, CN</p> <p>[22] 2022-12-19</p> <p>[41] 2023-06-21</p> <p>[30] CN (2021115724519) 2021-12-21</p>	<p style="text-align: right;">[21] 3,184,391 [13] A1</p> <p>[51] Int.Cl. A01H 6/54 (2018.01) A23K 10/30 (2016.01) A01H 1/00 (2006.01) A01H 4/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/04 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)</p> <p>[25] EN</p> <p>[54] ALFALFA VARIETY C0415C3364</p> <p>[54] VARIETE DE LUZERNE CULTIVEE C0415C3364</p> <p>[72] RODGERS, CHARLES A., US</p> <p>[72] MCCASLIN, MARK, US</p> <p>[71] FORAGE GENETICS INTERNATIONAL, LLC, US</p> <p>[22] 2022-12-20</p> <p>[41] 2023-06-22</p> <p>[30] US (17/559,747) 2021-12-22</p>
<p style="text-align: right;">[21] 3,184,365 [13] A1</p> <p>[51] Int.Cl. G06Q 10/0631 (2023.01) G06Q 50/08 (2012.01)</p> <p>[25] EN</p> <p>[54] METHOD OF EXECUTING A PROJECT</p> <p>[54] METHODE D'EXECUTION D'UN PROJET</p> <p>[72] EVANS, GARY, CA</p> <p>[71] E-VANS MANAGEMENT HOLDINGS LTD., CA</p> <p>[22] 2022-12-19</p> <p>[41] 2023-06-20</p> <p>[30] US (63291898) 2021-12-20</p>		

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<p>[21] 3,184,400 [13] A1</p> <p>[51] Int.Cl. B64D 43/00 (2006.01) B64C 13/04 (2006.01)</p> <p>[25] FR</p> <p>[54] VIRTUALIZED AIRCRAFT CONTROL ARCHITECTURE AND METHOD</p> <p>[54] ARCHITECTURE DE COMMANDE VIRTUALISEE D'UN AERONEF ET PROCEDE ASSOCIE</p> <p>[72] SAINT REQUIER, CYRIL, FR</p> <p>[72] GRIMON, SAMUEL, FR</p> <p>[72] CAMAND, SEBASTIEN, FR</p> <p>[71] DASSAULT AVIATION, FR</p> <p>[22] 2022-12-19</p> <p>[41] 2023-06-24</p> <p>[30] FR (FR 2114489) 2021-12-24</p>	<p>[21] 3,184,409 [13] A1</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR INITIALIZING AND MEASURING QUBITS</p> <p>[54] SYSTEMES ET METHODES POUR INITIALISER ET MESURER DES QUBITS</p> <p>[72] SIMMONS, MICHELLE YVONNE, AU</p> <p>[72] GORMAN, SAMUEL KEITH, AU</p> <p>[72] THORGRIMSSON, BRANDUR, AU</p> <p>[72] KRANZ, LUDWIK, AU</p> <p>[72] KEITH, DANIEL, AU</p> <p>[72] CHUNG, YOUSUN, AU</p> <p>[71] SILICON QUANTUM COMPUTING PTY LTD., AU</p> <p>[22] 2022-12-20</p> <p>[41] 2023-06-22</p> <p>[30] AU (2021904192) 2021-12-22</p> <p>[30] AU (2022228109) 2022-09-06</p>	<p>[21] 3,184,430 [13] A1</p> <p>[51] Int.Cl. G06V 30/412 (2022.01) G06Q 20/08 (2012.01) G06Q 40/02 (2023.01) G06N 20/00 (2019.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR ARTIFICIAL INTELLIGENCE/MACHINE LEARNING CENTRIC LOCKBOX DOCUMENT PROCESSING</p> <p>[54] SYSTEMES ET METHODES POUR LE TRAITEMENT DE DOCUMENTS DE BOITES A CLES AXES SUR L'INTELLIGENCE ARTIFICIELLE ET L'APPRENTISSAGE AUTOMATIQUE</p> <p>[72] HOFFMAN, STEPHEN, US</p> <p>[72] BECK, SAMUEL, US</p> <p>[72] ASTLE, ALEXANDER, US</p> <p>[72] MARZULLO, MARY SUE, US</p> <p>[72] SOSA, MARCELO, US</p> <p>[72] GRANT, SARA J., US</p> <p>[72] PUNSHI, VIKRAM, US</p> <p>[71] JPMORGAN CHASE BANK, N.A., US</p> <p>[22] 2022-12-20</p> <p>[41] 2023-06-20</p> <p>[30] US (17/645,147) 2021-12-20</p>
<p>[21] 3,184,402 [13] A1</p> <p>[51] Int.Cl. F16B 37/00 (2006.01)</p> <p>[25] EN</p> <p>[54] UNIVERSAL NUT WITH THREAD ADAPTER</p> <p>[54] ECROU UNIVERSEL AVEC ADAPTATEUR DE FILETAGE</p> <p>[72] ROOT, JEFFREY T., US</p> <p>[71] BRASS CRAFT MANUFACTURING COMPANY, US</p> <p>[22] 2022-12-15</p> <p>[41] 2023-06-20</p> <p>[30] US (63/291,584) 2021-12-20</p>	<p>[21] 3,184,411 [13] A1</p> <p>[51] Int.Cl. B65D 81/24 (2006.01) B65D 41/04 (2006.01) B65D 41/62 (2006.01) B65D 53/02 (2006.01)</p> <p>[25] EN</p> <p>[54] RESEALABLE AIRTIGHT STORAGE JAR ASSEMBLY</p> <p>[54] ASSEMBLAGE DE POT DE RANGEMENT ETANCHE A L'AIR RESCELLABLE</p> <p>[72] GORDON, ZACHARY, US</p> <p>[71] GORDON, ZACHARY, US</p> <p>[22] 2022-12-20</p> <p>[41] 2023-06-20</p> <p>[30] US (63/291,834) 2021-12-20</p>	<p>[21] 3,184,432 [13] A1</p> <p>[51] Int.Cl. A01N 37/42 (2006.01) A01N 25/04 (2006.01) A01N 25/30 (2006.01) A01P 21/00 (2006.01)</p> <p>[25] EN</p> <p>[54] PROHEXADIONE PLANT GROWTH REGULATOR COMPOSITION</p> <p>[54] COMPOSITION DE REGULATEUR DE CROISSANCE DE PLANTS DE PROHEXADIONE</p> <p>[72] UNDERHILE, ROBERT, US</p> <p>[71] NUFARM AMERICAS, INC., US</p> <p>[22] 2022-12-20</p> <p>[41] 2023-06-22</p> <p>[30] US (63/292,556) 2021-12-22</p>
<p>[21] 3,184,407 [13] A1</p> <p>[51] Int.Cl. B65D 71/20 (2006.01) B65D 1/34 (2006.01) B65D 43/00 (2006.01)</p> <p>[25] EN</p> <p>[54] CARTON AND BLANK THEREFOR</p> <p>[54] BOITE ET DECOUPE CONNEXE</p> <p>[72] BAKER, ANTHONY S., US</p> <p>[71] WESTROCK PACKAGING SYSTEMS, LLC, US</p> <p>[22] 2022-12-19</p> <p>[41] 2023-06-18</p> <p>[30] US (63/291,395) 2021-12-18</p>	<p>[21] 3,184,419 [13] A1</p> <p>[51] Int.Cl. B65D 77/00 (2006.01)</p> <p>[25] EN</p> <p>[54] BAG-IN-BOX CONTAINER</p> <p>[54] CAISSE-OUTRE</p> <p>[72] SIMPKINS, KEVIN M., US</p> <p>[72] JAMES, JEFFREY S., US</p> <p>[71] WESTROCK SHARED SERVICES, LLC, US</p> <p>[22] 2022-12-20</p> <p>[41] 2023-06-20</p> <p>[30] US (17/556,405) 2021-12-20</p>	

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[13] A1
[51] Int.Cl. B60J 5/00 (2006.01) B60J 9/00 (2006.01) B62D 25/24 (2006.01) E04B 2/74 (2006.01) E06B 3/46 (2006.01)
[25] EN
[54] SLIDING DOOR PARTITION
[54] PARTITION DE PORTE COUSSIANCE
[72] GRAVEL, FRANCOIS, CA
[71] RANGER DESIGN, CA
[22] 2022-12-21
[41] 2023-06-24
[30] US (63/293,667) 2021-12-24

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[13] A1
[51] Int.Cl. B32B 7/03 (2019.01) B32B 27/08 (2006.01) B32B 27/32 (2006.01) B65D 30/08 (2006.01)
[25] EN
[54] MULTILAYER BLOCKED FILM COMPOSITE
[54] COMPOSITE DE FILM SEQUENCE MULTICOUCHE
[72] KRUSE, ALFONS, DE
[72] NEUMANN, ANDREAS, DE
[71] MONDI AG, AT
[22] 2022-12-21
[41] 2023-06-22
[30] EP (21 216 749.8) 2021-12-22

[21] 3,184,465
[13] A1
[51] Int.Cl. A01H 6/54 (2018.01) A23K 10/30 (2016.01) A01H 1/00 (2006.01) A01H 4/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/04 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)
[25] EN
[54] ALFALFA VARIETY H0416A3126
[54] VARIETE DE LUZERNE CULTIVEE H0416A3126
[72] RODGERS, CHARLES A., US
[72] MCCASLIN, MARK, US
[71] FORAGE GENETICS INTERNATIONAL, LLC, US
[22] 2022-12-20
[41] 2023-06-22
[30] US (17/559,772) 2021-12-22

[21] 3,184,477
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[25] EN
[54] METHOD AND SYSTEM FOR EFFICIENT LAYOUT OF STORED VIDEO SEGMENTS
[54] METHODE ET SYSTEME POUR L'AGENCEMENT EFFICACE DE SEQUENCES VIDEO STOCKEES
[72] LINTZ, CHRISTOPHER, US
[72] GILADI, ALEXANDER, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2022-12-21
[41] 2023-06-22
[30] US (17/559,618) 2021-12-22

[21] 3,184,493
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[51] Int.Cl. B08B 15/02 (2006.01) E21F 5/00 (2006.01) E21F 5/20 (2006.01)
[25] EN
[54] MINING ORE TANK DEDUSTING DEVICE
[54] DISPOSITIF DE DEPOUSSIERAGE DE RESERVOIR A MINERAIS
[72] HE, XINJIAN, CN
[72] LI, XIAOCHUAN, CN
[72] ZHANG, MINGRUI, CN
[72] ZHOU, FUBAO, CN
[72] WEI, TAO, CN
[72] YANG, XUAN, CN
[72] PENG, ZEYIN, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[22] 2022-12-21
[41] 2023-06-22
[30] CN (2021115845570) 2021-12-22

[21] 3,184,500
[13] A1
[51] Int.Cl. G06N 3/045 (2023.01) G06N 3/082 (2023.01) G06Q 30/0202 (2023.01) G06Q 30/0601 (2023.01)
[25] EN
[54] SIAMESE NEURAL NETWORK MODEL
[54] MODELE DE RESEAU NEURONAL SIA MOIS
[72] GANDOUET, OLIVIER, CA
[72] KAZMA, GHATH, CA
[72] BELBAHRI, MOULoud-BEALLAH, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2022-12-21
[41] 2023-06-21
[30] US (63/292,148) 2021-12-21

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<p>[21] 3,184,505 [13] A1</p> <p>[51] Int.Cl. E04C 1/00 (2006.01) E02D 29/02 (2006.01)</p> <p>[25] EN</p> <p>[54] MULTI-BATTERED SEGMENTAL RETAINING WALL BLOCKS WITH INTEGRAL SELF ALIGNMENT SYSTEM, AND METHODS OF FORMING RETAINING WALLS WITH SAME</p> <p>[54] BLOCS DE MUR DE SOUTENEMENT SEGMENTES A INCLINAISONS MULTIPLES COMPRENANT UN SYSTEME D'AUTOALIGNEMENT INTEGRE, ET METHODES DE FABRICATION DE TELS MURS DE SOUTENEMENT</p> <p>[72] MATYS, TYLER, CA</p> <p>[71] RISI STONE INC., CA</p> <p>[22] 2022-12-21</p> <p>[41] 2023-06-22</p> <p>[30] US (63/293068) 2021-12-22</p>
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<p>[21] 3,184,538 [13] A1</p> <p>[51] Int.Cl. G06F 11/30 (2006.01)</p> <p>[25] EN</p> <p>[54] APPLICATION HEALTH MONITORING AND REPORTING SYSTEM</p> <p>[54] SYSTEME DE SURVEILLANCE ET DE RAPPORT DE L'ETAT DE SANTE D'UNE APPLICATION</p> <p>[72] KANG, JIN, CA</p> <p>[72] LU, GUANG, CA</p> <p>[72] LI, CHUAN KEVIN, CA</p> <p>[72] FAN, XIAOPENG, CA</p> <p>[72] ALI, ISMAEEL AHMAD, CA</p> <p>[72] MAHIDA, HITENDRASINH, CA</p> <p>[72] BHINDER, MANPREET, CA</p> <p>[71] BCE INC., CA</p> <p>[22] 2022-12-20</p> <p>[41] 2023-06-20</p> <p>[30] US (63/291,561) 2021-12-20</p>

<p>[21] 3,184,542 [13] A1</p> <p>[25] EN</p> <p>[54] LASER ABLATION SYSTEM AND METHOD</p> <p>[54] SYSTEME ET METHODE D'ABLATION LASER</p> <p>[72] FERGUSON, GREG, CA</p> <p>[71] ECLIPSE AUTOMATION, INC., CA</p> <p>[22] 2022-12-22</p> <p>[41] 2023-06-22</p> <p>[30] US (63/292,911) 2021-12-22</p>
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<p>[21] 3,184,567 [13] A1</p> <p>[51] Int.Cl. G06Q 10/08 (2023.01) G06N 3/126 (2023.01)</p> <p>[25] EN</p> <p>[54] METHOD AND DEVICE FOR SELECTING ADDRESSES OF WAREHOUSE</p> <p>[54] METHODE ET DISPOSITIF POUR LA SELECTION D'ADRESSES D'ENTREPOT</p> <p>[72] LI, XIAOYU, CN</p> <p>[72] LIU, DACHENG, CN</p> <p>[72] LIU, KUN, CN</p> <p>[71] 10353744 CANADA LTD., CA</p> <p>[22] 2022-12-21</p> <p>[41] 2023-06-24</p> <p>[30] CN (202111600398.9) 2021-12-24</p>

<p>[21] 3,184,569 [13] A1</p> <p>[51] Int.Cl. E03C 1/22 (2006.01) A47K 3/40 (2006.01) E03C 1/12 (2006.01)</p> <p>[25] EN</p> <p>[54] SHOWER DRAIN ASSEMBLY AND KIT FOR ITS INSTALLATION</p> <p>[54] ASSEMBLAGE DE DRAIN DE DOUCHE ET TROUSSE D'INSTALLATION</p> <p>[72] BORDIN, DENNIS, IT</p> <p>[71] PROGRESS PROFILES SPA, IT</p> <p>[22] 2022-12-22</p> <p>[41] 2023-06-24</p> <p>[30] IT (102021000032609) 2021-12-24</p>

<p>[21] 3,184,579 [13] A1</p> <p>[51] Int.Cl. A63B 57/10 (2015.01)</p> <p>[25] EN</p> <p>[54] GOLF TEE AND GOLF TEE KIT</p> <p>[54] TEE DE GOLF ET ENSEMBLE POUR TEE DE GOLF</p> <p>[72] CAYA, MARIO, CA</p> <p>[71] CAYA, MARIO, CA</p> <p>[22] 2022-12-23</p> <p>[41] 2023-06-23</p> <p>[30] US (63/293,521) 2021-12-23</p>

<p>[21] 3,184,580 [13] A1</p> <p>[25] EN</p> <p>[54] INTERFACE DYNAMIC FLOW CONTROL METHOD AND DEVICE, COMPUTER EQUIPMENT AND STORAGE MEDIUM</p> <p>[54] METHODE ET DISPOSITIF DE CONTROLE DE FLUX DYNAMIQUE D'INTERFACE, EQUIPEMENT INFORMATIQUE ET SUPPORT DE STOCKAGE</p> <p>[72] WANG, CHENGHUA, CN</p> <p>[72] HUO, JIA, CN</p> <p>[72] SUN, QIAN, CN</p> <p>[71] 10353744 CANADA LTD., CA</p> <p>[22] 2022-12-21</p> <p>[41] 2023-06-24</p> <p>[30] CN (202111601181.X) 2021-12-24</p>
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<p>[21] 3,184,585 [13] A1</p> <p>[25] EN</p> <p>[54] REDUNDANCY MATRIX-BASED SYSTEM</p> <p>[54] SYSTEME FONDE SUR UNE MATRICE DE REDONDANCE</p> <p>[72] ROBE, THOMAS, FR</p> <p>[72] ADAM, THIERRY, FR</p> <p>[72] VENDIER, OLIVIER, FR</p> <p>[72] THEROND, BENJAMIN, FR</p> <p>[71] THALES, FR</p> <p>[22] 2022-12-20</p> <p>[41] 2023-06-21</p> <p>[30] FR (2114068) 2021-12-21</p>
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<p>[21] 3,184,608 [13] A1</p> <p>[51] Int.Cl. C07C 29/151 (2006.01) C01B 32/40 (2017.01) C01B 3/34 (2006.01) C01B 3/50 (2006.01)</p> <p>[25] EN</p> <p>[54] PROCESS AND PLANT FOR PRODUCING METHANOL AND CARBON MONOXIDE</p> <p>[54] PROCEDE ET INSTALLATION DE PRODUCTION DE METHANOL ET DE MONOXYDE DE CARBONE</p> <p>[72] WEIGAND, PETER, DE</p> <p>[72] LIM, CHIN HAN, DE</p> <p>[72] GRONEMANN, VERONIKA, DE</p> <p>[72] STEIN, MATTHIAS, DE</p> <p>[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR</p> <p>[22] 2022-12-13</p> <p>[41] 2023-06-20</p> <p>[30] EP (21020646.2) 2021-12-20</p>

<p>[21] 3,184,759 [13] A1</p> <p>[51] Int.Cl. B64C 13/00 (2006.01)</p> <p>[25] FR</p> <p>[54] VIRTUALIZED AIRCRAFT CONTROL ARCHITECTURE AND METHOD</p> <p>[54] ARCHITECTURE DE COMMANDE VIRTUALISEE D'UN AERONEF ET PROCEDE ASSOCIE</p> <p>[72] SAINT REQUIER, CYRIL, FR</p> <p>[72] GRIMON, SAMUEL, FR</p> <p>[72] LIGIER, VALENTIN, FR</p> <p>[72] REYDELLET, GUILLAUME, FR</p> <p>[71] DASSAULT AVIATION, FR</p> <p>[22] 2022-12-19</p> <p>[41] 2023-06-24</p> <p>[30] FR (FR 21 14486) 2021-12-24</p>
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<p>[21] 3,184,803 [13] A1</p> <p>[25] EN</p> <p>[54] PREDICTING FOOT TRAFFIC AT PLAYGROUNDS</p> <p>[54] PREDICTION DU TRAFIC PIETONNIER SUR LES TERRAINS DE JEU</p> <p>[72] BOJIN, NIS, CA</p> <p>[72] DALLAS, GEORGE, CA</p> <p>[72] TONER, MATTHEW HERBERT, CA</p> <p>[71] BIBA VENTURES INC., CA</p> <p>[22] 2022-12-23</p> <p>[41] 2023-06-23</p> <p>[30] US (63/293,429) 2021-12-23</p> <p>[30] US (18/145,363) 2022-12-22</p>
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<p>[21] 3,184,809 [13] A1</p> <p>[51] Int.Cl. A01K 1/01 (2006.01)</p> <p>[25] EN</p> <p>[54] LITTER EVACUATION DOOR SYSTEM FOR A LITTER TRAY</p> <p>[54] SYSTEME DE PORTE D'EVACUATION DE LITIERE POUR UN PLATEAU A LITIERE</p> <p>[72] SIMARD, JO-ANNE J-A S, CA</p> <p>[71] SIMARD, JO-ANNE J-A S, CA</p> <p>[22] 2022-12-22</p> <p>[41] 2023-06-23</p> <p>[30] GB (GB2118867.7) 2021-12-23</p>
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<p>[21] 3,184,813 [13] A1</p> <p>[51] Int.Cl. A63F 13/45 (2014.01) A63F 13/20 (2014.01) A63F 13/216 (2014.01) A63F 13/65 (2014.01) G06N 20/00 (2019.01) A63G 31/00 (2006.01)</p> <p>[25] EN</p> <p>[54] PLAYGROUND ACTIVITY MEASURES</p>

<p>[54] MESURES D'ACTIVITE DE TERRAIN DE JEU</p> <p>[72] BOJIN, NIS, CA</p> <p>[72] DALLAS, GEORGE, CA</p> <p>[72] TONER, MATTHEW HERBERT, CA</p> <p>[71] BIBA VENTURES INC., CA</p> <p>[22] 2022-12-23</p> <p>[41] 2023-06-23</p> <p>[30] US (63/293,434) 2021-12-23</p> <p>[30] US (18/145,376) 2022-12-22</p>
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<p>[21] 3,184,827 [13] A1</p> <p>[51] Int.Cl. G06Q 40/04 (2012.01) G06Q 30/0601 (2023.01)</p> <p>[25] EN</p> <p>[54] ENERGY TRADING SYSTEM</p> <p>[54] SYSTEME D'ECHANGE D'ENERGIE</p> <p>[72] KRISHNAMURTHY, RAJAGOPALAN, US</p> <p>[72] BANGALORE, SUNDARA RAJU GIRIDHAR, IN</p> <p>[71] HYGGE ENERGY INC., US</p> <p>[22] 2022-12-23</p> <p>[41] 2023-06-23</p> <p>[30] US (63/293,362) 2021-12-23</p>
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<p>[21] 3,184,898 [13] A1</p> <p>[51] Int.Cl. B27G 1/00 (2006.01) B27M 3/04 (2006.01)</p> <p>[25] EN</p> <p>[54] AUTOMATIC WOOD FLOORING BOARDS REPARATION DEVICE AND METHOD THEREOF</p> <p>[54] DISPOSITIF DE REPARATION AUTOMATIQUE DE LAMES DE PARQUETS EN BOIS ET METHODE CONNEXE</p> <p>[72] GARNEAU, OLIVIER, CA</p> <p>[72] GARNEAU, CLAUDE, CA</p> <p>[72] BELANGER, SYLVAIN, CA</p> <p>[72] FAUCHER, PATRICE, CA</p> <p>[72] AUDET, RICHARD, CA</p> <p>[71] LES BOIS DE PLANCHER P.G. INC., CA</p> <p>[22] 2022-12-23</p> <p>[41] 2023-06-23</p> <p>[30] US (63/265,957) 2021-12-23</p>

<p>[21] 3,184,917 [13] A1</p> <p>[51] Int.Cl. B65D 81/02 (2006.01)</p> <p>[25] EN</p> <p>[54] PACKAGE CUSHIONING FOR AN ARTICLE TO BE PACKED</p> <p>[54] MATERIAU DE CALAGE POUR UN ARTICLE A EMBALLER</p> <p>[72] BUHL, CHRISTOPH, DE</p> <p>[71] BUHL-PAPERFORM GMBH, DE</p> <p>[22] 2022-12-07</p> <p>[41] 2023-06-21</p> <p>[30] DE (10 2021 134 047.0) 2021-12-21</p> <p>[30] DE (10 2022 105 515.9) 2022-03-09</p>

<p>[21] 3,184,942 [13] A1</p> <p>[25] EN</p> <p>[54] STRETCHED FOAMLESS MULTI-LAYER SUBSTRATE POLARIZER AND METHODS FOR FABRICATING SAME</p> <p>[54] POLARISEUR DE SUBSTRAT MULTICOUCHE SANS MOUSSE ETIRE ET METHODES DE FABRICATION</p> <p>[72] WOOLMAN, JASON, US</p> <p>[72] HILEY, DAVID, US</p> <p>[71] THINKOM SOLUTIONS, INC., US</p> <p>[22] 2022-12-05</p> <p>[41] 2023-06-20</p> <p>[30] US (17/555,833) 2021-12-20</p>
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June 18, 2023 to June 24, 2023

<p style="text-align: right;">[21] 3,185,191 [13] A1</p> <p>[25] EN [54] FREQUENCY GENERATOR FOR GENERATING A WORKING FREQUENCY FOR A RAIL CONTACT OF AN AXLE COUNTER, AXLE COUNTER AND METHOD FOR GENERATING A WORKING FREQUENCY FOR A RAIL CONTACT OF AN AXLE COUNTER</p> <p>[54] GENERATEUR DE FREQUENCE POUR GENERER UNE FREQUENCE FONCTIONNELLE POUR UN CONTACT DE RAIL D'UN COMPTEUR D'ESSIEUX, COMPTEUR D'ESSIEUX ET METHODE POUR GENERER UNE FREQUENCE FONCTIONNELLE D'UN CONTACT DE RAIL D'UN COMPTEUR D'ESSIEUX</p> <p>[72] KIM, MINHO, DE [72] KLEMM, RAINER, DE [71] THALES MANAGEMENT & SERVICES DEUTSCHLAND GMBH, DE [22] 2022-12-12 [41] 2023-06-20 [30] EP (21215978.4) 2021-12-20</p>	<p style="text-align: right;">[21] 3,185,331 [13] A1</p> <p>[51] Int.Cl. B02C 7/12 (2006.01) B02C 7/02 (2006.01)</p> <p>[25] EN [54] DISC GRINDING DEVICE AND GRINDER COMPRISING THE SAME</p> <p>[54] DISPOSITIF DE BROYEUR A DISQUES ET BROYEUR COMPRENANT LE DISPOSITIF</p> <p>[72] BROGLI, HANS, CH [71] FRYMAKORUMA AG, CH [22] 2022-12-16 [41] 2023-06-20 [30] DE (202021003832.9) 2021-12-20</p>	<p style="text-align: right;">[21] 3,185,378 [13] A1</p> <p>[51] Int.Cl. A61L 24/04 (2006.01)</p> <p>[25] EN [54] HEMOSTATIC MATERIAL COMPOSITION</p> <p>[54] COMPOSITION DE MATERIAU HEMOSTATIQUE</p> <p>[72] KURAMOTO, MAMORU, JP [72] YOSHITANI, TOSHIHIDE, JP [71] FUJIFILM CORPORATION, JP [22] 2022-12-16 [41] 2023-06-21 [30] JP (2021-207605) 2021-12-21</p>
<p style="text-align: right;">[21] 3,185,311 [13] A1</p> <p>[51] Int.Cl. B66D 1/48 (2006.01) B62D 57/04 (2006.01) B66D 1/60 (2006.01) E01H 4/02 (2006.01)</p> <p>[25] EN [54] WINCH ASSEMBLY FOR ASSISTING THE MOVEMENT OF A TRACKED VEHICLE AND RELATIVE CONTROL METHOD</p> <p>[54] ASSEMBLAGE DE TREUIL POUR AIDER AU DEPLACEMENT D'UN VEHICULE A CHENILLES ET METHODE DE COMMANDE RELATIVE</p> <p>[72] PAOLETTI, ALBERTO, IT [71] PRINOTH S.P.A., IT [22] 2022-12-09 [41] 2023-06-24 [30] IT (10202100032639) 2021-12-24</p>	<p style="text-align: right;">[21] 3,185,345 [13] A1</p> <p>[51] Int.Cl. E02F 3/40 (2006.01) E21C 35/00 (2006.01) E21C 37/00 (2006.01)</p> <p>[25] EN [54] EARTH-WORKING BUCKET WITH INTEGRATED ACCESS STRUCTURE ATTACHMENT</p> <p>[54] GODET DE TRAVAIL DU SOL COMPRENANT UNE FIXATION DE STRUCTURE D'ACCES INTEGREE</p> <p>[72] PAINCHAUD, MATHIAS, CA [71] 9257-5810 QUEBEC INC., CA [22] 2022-12-16 [41] 2023-06-21 [30] US (63/291,976) 2021-12-21</p>	<p style="text-align: right;">[21] 3,185,405 [13] A1</p> <p>[51] Int.Cl. G06N 20/00 (2019.01) G06N 3/082 (2023.01) G06Q 40/03 (2023.01) G06N 3/04 (2023.01)</p> <p>[25] EN [54] UNIFIED EXPLAINABLE MACHINE LEARNING FOR SEGMENTED RISK ASSESSMENT</p> <p>[54] APPRENTISSAGE AUTOMATIQUE EXPLICABLE UNIFIE POUR UNE EVALUATION DE RISQUES SEGMENTEE</p> <p>[72] WOODFORD, TERRY, US [71] EQUIFAX INC., US [22] 2022-12-20 [41] 2023-06-22 [30] US (17/645,744) 2021-12-22</p>
<p style="text-align: right;">[21] 3,185,374 [13] A1</p> <p>[51] Int.Cl. A61K 38/17 (2006.01) A61K 31/715 (2006.01) A61K 31/738 (2006.01) A61K 38/39 (2006.01) A61P 7/04 (2006.01)</p> <p>[25] EN [54] HEMOSTATIC MATERIAL COMPOSITION</p> <p>[54] COMPOSITION DE MATERIAU HEMOSTATIQUE</p> <p>[72] KURAMOTO, MAMORU, JP [72] YOSHITANI, TOSHIHIDE, JP [71] FUJIFILM CORPORATION, JP [22] 2022-12-16 [41] 2023-06-21 [30] JP (2021-207606) 2021-12-21</p>	<p style="text-align: right;">[21] 3,185,412 [13] A1</p> <p>[51] Int.Cl. E02F 3/40 (2006.01)</p> <p>[25] EN [54] EARTH-WORKING BUCKET WITH REMOVABLE WEAR PLATES</p> <p>[54] GODET DE TRAVAIL DE SOL AVEC PLAQUES D'USURE AMOVIBLES</p> <p>[72] PAINCHAUD, MATHIAS, CA [71] 9257-5810 QUEBEC INC., CA [22] 2022-12-20 [41] 2023-06-21 [30] US (63/291,961) 2021-12-21 [30] US (63/392,605) 2022-07-27</p>	

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<p>[21] 3,185,413 [13] A1</p> <p>[51] Int.Cl. A61K 8/92 (2006.01) A61K 8/31 (2006.01) A61K 8/67 (2006.01) A61Q 19/00 (2006.01)</p> <p>[25] EN</p> <p>[54] SKIN CARE COMPOSITIONS</p> <p>[54] COMPOSITIONS DE SOINS DE LA PEAU</p> <p>[72] OSSUDALLAH, MERSEDEH, CA</p> <p>[72] BERYANI, GOLTAN, CA</p> <p>[71] OSSUDALLAH, MERSEDEH, CA</p> <p>[71] BERYANI, GOLTAN, CA</p> <p>[22] 2022-12-20</p> <p>[41] 2023-06-20</p> <p>[30] US (63/291,664) 2021-12-20</p> <hr/> <p>[21] 3,185,461 [13] A1</p> <p>[51] Int.Cl. F26B 3/347 (2006.01) H05B 6/72 (2006.01)</p> <p>[25] EN</p> <p>[54] RADIOFREQUENCY HEATING OF WOOD USING A THREE-ELECTRODE SYSTEM HAVING A WINGED CENTRAL ELECTRODE</p> <p>[54] CHAUFFAGE PAR RADIOFREQUENCE DU BOIS AU MOYEN D'UN SYSTEME A TROIS ELECTRODES COMPRENANT UNE ELECTRODE CENTRALE A AILETTES</p> <p>[72] MACK, RONALD, US</p> <p>[72] HAMELIN, MARK, CA</p> <p>[72] JANOWIAK, JOHN J., US</p> <p>[72] SZYMONA, KAROLINA, US</p> <p>[72] HOOVER, KELLI, US</p> <p>[71] THE UNITED STATES AS REPRESENTED BY THE SECRETARY OF AGRICULTURE, US</p> <p>[71] HAMELIN, MARK, CA</p> <p>[71] PENN STATE RESEARCH FOUNDATION, US</p> <p>[22] 2022-12-21</p> <p>[41] 2023-06-21</p> <p>[30] US (63/292050) 2021-12-21</p>	<p>[21] 3,185,466 [13] A1</p> <p>[51] Int.Cl. B26D 3/08 (2006.01) B65B 61/00 (2006.01)</p> <p>[25] FR</p> <p>[54] TOOLS FOR FORMING A SEPARATION LINE IN A PACK OF FOOD GRADE POTS</p> <p>[54] OUTILS POUR FORMER UNE LIGNE DE SEPARATION DANS UN PACK DE POTS DE PRODUIT ALIMENTAIRE</p> <p>[72] COASSAIS, DOMINIQUE, FR</p> <p>[72] JACQUEMIN, CHRISTIAN, FR</p> <p>[72] LEMOINE, JEROME, FR</p> <p>[72] DELAUNAY, HERVE, FR</p> <p>[71] SYNERLINK, FR</p> <p>[22] 2022-12-20</p> <p>[41] 2023-06-20</p> <p>[30] FR (21/14046) 2021-12-20</p> <hr/> <p>[21] 3,185,494 [13] A1</p> <p>[51] Int.Cl. B23D 53/04 (2006.01)</p> <p>[25] EN</p> <p>[54] SPIN-SAW MACHINE</p> <p>[54] MACHINE DE SCIE ROTATIVE</p> <p>[72] BONTE, JAN, BE</p> <p>[72] DRABBE, ARNE, BE</p> <p>[72] CACQUAERT, GUYLIAN, BE</p> <p>[71] SMO BVBA, BE</p> <p>[22] 2022-12-21</p> <p>[41] 2023-06-24</p> <p>[30] BE (2021/6058) 2021-12-24</p> <hr/> <p>[21] 3,185,496 [13] A1</p> <p>[51] Int.Cl. B06B 3/04 (2006.01) B64D 43/00 (2006.01)</p> <p>[25] EN</p> <p>[54] WAVE GENERATOR FOR ULTRASONIC AIR DATA SYSTEMS</p> <p>[54] GENERATEUR D'ONDES POUR DES SYSTEMES DE DONNEES AERODYNAMIQUES ULTRASONIQUES</p> <p>[72] SHANNON, DANIEL W., US</p> <p>[72] KIM, JEONG-WOO, US</p> <p>[71] ROSEMOUNT AEROSPACE INC., US</p> <p>[22] 2022-12-19</p> <p>[41] 2023-06-20</p> <p>[30] US (63/291,543) 2021-12-20</p>	<p>[21] 3,185,544 [13] A1</p> <p>[51] Int.Cl. A47F 1/03 (2006.01) A47F 1/18 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS, METHODS AND APPARATUS FOR TOUCHLESS DISPENSING</p> <p>[54] SYSTEMES, METHODES ET APPAREIL POUR LA DISTRIBUTION SANS CONTACT</p> <p>[72] CHUA, DAVID Y., US</p> <p>[72] TJAN, JAMES KOK LEE, CA</p> <p>[72] TJAN, ALICE CHUA, CA</p> <p>[71] MINDFUL SNACKS INC., CA</p> <p>[22] 2022-12-21</p> <p>[41] 2023-06-22</p> <p>[30] US (63/292,643) 2021-12-22</p> <hr/> <p>[21] 3,185,553 [13] A1</p> <p>[51] Int.Cl. A61J 3/07 (2006.01) B65B 1/04 (2006.01)</p> <p>[25] EN</p> <p>[54] CAPSULE FILLING MACHINE FOR FILLING TWO-PIECE CAPSULES, AND METHOD FOR FILLING TWO-PIECE CAPSULES</p> <p>[54] MACHINE DE REMPLISSAGE DE CAPSULES POUR REMPLIR DES CAPSULES EN DEUX MORCEAUX, ET METHODE DE REMPLISSAGE DE TELLES CAPSULES</p> <p>[72] LUX, ANDREAS, DE</p> <p>[72] KLEINE-KONIG, BENEDICT, DE</p> <p>[71] HARRO HOFLIGER VERPACKUNGSMASCHINEN GMBH, DE</p> <p>[22] 2022-12-21</p> <p>[41] 2023-06-21</p> <p>[30] EP (21216624.3) 2021-12-21</p>
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<p style="text-align: right; margin-top: -10px;">[21] 3,185,570</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN [54] DYNAMIC SIGNALING FOR ENERGY SAVING IN WIRELESS COMMUNICATIONS [54] SIGNALISATION DYNAMIQUE POUR L'ECONOMIE D'ENERGIE DANS LES COMMUNICATIONS SANS FIL [72] ZHOU, HUA, US [72] JEON, HYOUNGSUK, US [72] DINAN, ESMAEL HEJAZI, US [72] CIRIK, ALI CAGATAY, US [72] RASTEGARDOOST, NAZANIN, US [72] DASHTAKI, MOHAMMAD GHADIR KHOSHKOLGH, US [72] CHAE, HYUKJIN, US [72] HUI, BING, US [72] XU, KAI, US [71] COMCAST CABLE COMMUNICATIONS, LLC, US [22] 2022-12-22 [41] 2023-06-22 [30] US (63/292,791) 2021-12-22</p>	<p style="text-align: right; margin-top: -10px;">[21] 3,185,717</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B65G 1/00 (2006.01) [25] EN [54] PUSH-BACK STORAGE SYSTEMS [54] SYSTEMES DE STOCKAGE A RETRO-POUSSAGE [72] LI, MARC, CA [71] LA COMPAGNIE D'ORGANISATION DE SYSTEMES DE MANUTENTION ET D'ENTREPOSAGE (COSME) INC., CA [22] 2022-12-23 [41] 2023-06-23 [30] US (63/293,426) 2021-12-23</p>	<p style="text-align: right; margin-top: -10px;">[21] 3,186,219</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B02C 25/00 (2006.01) B02C 19/00 (2006.01) B02C 19/06 (2006.01) [25] EN [54] A METHOD AND APPARATUS FOR CONTROLLING CELLULOSE PROCESSING [54] METHODE ET APPAREIL POUR CONTROLER LA TRANSFORMATION DE LA CELLULOSE [72] HUHTANEN, JUHA-PEKKA, FI [72] JOENSUU, ISMO, FI [72] OJANEN, JUHA, FI [71] VALMET AUTOMATION OY, FI [22] 2022-12-14 [41] 2023-06-23 [30] FI (20216345) 2021-12-23</p>
<p style="text-align: right; margin-top: -10px;">[21] 3,185,575</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A61B 5/00 (2006.01) [25] EN [54] VOICE RECOGNITION BASED EVALUATION OF PARKINSON'S DISEASE CONDITION(S) [54] EVALUATION FONDEE SUR LA RECONNAISSANCE VOCALE DE CONDITIONS DE LA MALADIE DE PARKINSON [72] SHOR, ERAN, IL [72] BEN DAVID, TAMIR, IL [72] DAVID, URI, IL [71] NEURODERM, LTD., IL [22] 2022-12-21 [41] 2023-06-22 [30] US (63/292570) 2021-12-22</p>	<p style="text-align: right; margin-top: -10px;">[21] 3,185,737</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. C07D 201/16 (2006.01) C07B 63/04 (2006.01) C07D 207/267 (2006.01) [25] EN [54] A METHOD FOR PURIFYING WASTE N-METHYL-2-PYRROLIDONE [54] METHODE D'EPURATION DES DECHETS DE N-METHYL-2-PYRROLIDONE [72] SHIM, SUNG WON, KR [72] SON, BYUNG KI, KR [72] CHOI, HWAN, KR [72] SHIN, YOUN SOO, KR [72] CHOI, HWA YEONG, KR [72] CHOI, TAE GI, KR [72] CHOO, YEONG SU, KR [71] JAEWON INDUSTRIAL CO., LTD., KR [22] 2022-12-15 [41] 2023-06-22 [30] KR (10-2021-0184747) 2021-12-22</p>	<p style="text-align: right; margin-top: -10px;">[21] 3,186,384</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN [54] CLASSIFICATION AND SAWING OF WOOD SHINGLES USING MACHINE VISION [54] CLASSIFICATION ET SCIAGE DE BARDEAUX DE BOIS PAR VISION PAR ORDINATEUR [72] MICHAUD, PIERRE, CA [71] CLAIR INDUSTRIAL DEVELOPMENT CORPORATION LTD., CA [22] 2022-12-22 [41] 2023-06-22 [30] US (63/261,404) 2021-12-22 [30] US (63/372,718) 2022-03-31</p>
<p style="text-align: right; margin-top: -10px;">[21] 3,185,747</p> <p style="text-align: right;">[13] A1</p> <p>[25] EN [54] DEEP FUSING OF CLOS STAR NETWORKS TO FORM A GLOBAL CONTIGUOUS WEB [54] FUSION PROFONDE DE RESEAUX EN ETOILE CLOS POUR FORMER UN WEB CONTIGU GLOBAL [72] BESHAI, MAGED, CA [71] BESHAI, MAGED, CA [22] 2022-12-15 [41] 2023-06-18 [30] US (17/555,444) 2021-12-18</p>		

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[21] **3,164,028**
[13] A1

[51] Int.Cl. A47J 37/00 (2006.01) A47J
36/06 (2006.01)
[25] EN
[54] ELECTRIC COOKER
[54] CUISEUR ELECTRIQUE
[72] OGAWA, TOMOYUKI, JP
[72] WADA, YASUO, JP
[71] SUNTEC CO., LTD., JP
[85] 2022-06-07
[86] 2021-12-23 (PCT/JP2021/047815)
[87] (3164028)

[21] **3,171,808**
[13] A1

[51] Int.Cl. C02F 1/50 (2006.01) E04H 4/00
(2006.01) E04H 4/14 (2006.01)
[25] EN
[54] SWIMMING POOL
TEMPERATURE ADJUSTMENT
EQUIPMENT
[54] MATERIEL D'AJUSTEMENT DE
LA TEMPERATURE D'UNE
PISCINE
[72] GAO, YONGHAI, CN
[72] CHEN, HONGFENG, CN
[72] YANG, RUI, CN
[72] DAI, WENJIE, CN
[71] GUANGDONG TCL INTELLIGENT
HEATING & VENTILATING
EQUIPMENT CO., LTD., CN
[85] 2022-09-01
[86] 2021-12-31 (PCT/CN2021/144031)
[87] (3171808)
[30] CN (202111572967.3) 2021-12-21

[21] **3,172,018**
[13] A1

[51] Int.Cl. C22F 1/08 (2006.01) C25D 5/50
(2006.01) H01M 4/66 (2006.01) B32B
15/01 (2006.01)
[25] EN
[54] ELECTROLYTIC COPPER FOIL
AND SECONDARY BATTERY
COMPRISING THE SAME
[54] FEUILLE METALLIQUE DE
CUIVRE ELECTROLYTIQUE ET
BATTERIE SECONDAIRE LA
COMPRENANT
[72] MOON, HONGGI, LU
[72] KIM, SANGBEOM, LU
[72] KIM, SEUNGHWAN, LU
[71] CIRCUIT FOIL LUXEMBOURG, LU
[85] 2022-09-01
[86] 2021-12-24 (PCT/EP2021/087639)
[87] (3172018)

[21] **3,172,450**
[13] A1

[51] Int.Cl. C22F 1/08 (2006.01) B32B
15/20 (2006.01) C25D 5/50 (2006.01)
H01M 4/66 (2006.01)
[25] EN
[54] ELECTROLYTIC COPPER FOIL
HAVING HIGH TENSILE
STRENGTH AND SECONDARY
BATTERY COMPRISING THE
SAME
[54] FEUILLE METALLIQUE DE
CUIVRE ELECTROLYTIQUE DE
GRANDE RESISTANCE A LA
TRACTION ET BATTERIE
SECONDAIRE LA COMPRENANT
[72] MOON, HONGGI, LU
[72] KIM, SANGBEOM, LU
[72] KIM, SEUNGHWAN, LU
[71] CIRCUIT FOIL LUXEMBOURG, LU
[85] 2022-09-02
[86] 2021-12-24 (PCT/EP2021/087640)
[87] (3172450)

[21] **3,172,490**
[13] A1

[51] Int.Cl. B32B 15/01 (2006.01) B32B
15/20 (2006.01) C25D 5/10 (2006.01)
[25] EN
[54] DOUBLE LAYERED
ELECTROLYTIC COPPER FOIL
AND MANUFACTURING
METHOD THEREOF
[54] FEUILLE METALLIQUE DE
CUIVRE ELECTROLYTIQUE A
DOUBLE COUCHE ET METHODE
DE FABRICATION
[72] MOON, HONGGI, LU
[72] KIM, SANGBEOM, LU
[72] KIM, SEUNGHWAN, LU
[71] CIRCUIT FOIL LUXEMBOURG, LU
[85] 2022-09-02
[86] 2021-12-24 (PCT/EP2021/087638)
[87] (3172490)

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[13] A1

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UNIT
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[71] RIOT GLASS LLC, US
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[87] (3186912)
[30] US (17/525,645) 2021-11-12

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 - [25] EN
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 - [54] COMPOSITIONS
BLANCHISSANTES ORALES DE PEROXYMONOSULFATE
 - [72] DOGO-ISONAGIE, CAJETAN, US
 - [72] CHOPRA, SUMAN, US
 - [71] COLGATE-PALMOLIVE COMPANY, US
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 - [86] 2022-12-23 (PCT/US2022/053991)
 - [87] (3191491)
 - [30] US (63/293,345) 2021-12-23
 - [30] US (63/293,355) 2021-12-23
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- [25] EN
- [54] LACTAM COMPOUNDS AS KV1.3 POTASSIUM SHAKER CHANNEL BLOCKERS
- [54] COMPOSES LACTAMES UTILISES COMME BLOQUEURS DES CANAUX POTASSIQUES SHAKER KV1.3
- [72] GIORDANETTO, FABRIZIO, US
- [72] JENSEN, MORTEN OSTERGAARD, DK
- [72] JOGINI, VISHWANATH, IN
- [72] SNOW, ROGER JOHN, US
- [71] D.E. SHAW RESEARCH, LLC, US
- [85] 2023-03-22
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- [87] (WO2022/076285)
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 - [25] EN
 - [54] MALT-1 MODULATORS
 - [54] MODULATEURS DE MALT-1
 - [72] RAY, PETER, GB
 - [72] EVANS, DAVID, GB
 - [72] BRADLEY, ANTHONY, GB
 - [72] RADOUX, CHRIS, GB
 - [72] RICHARDS, SIMON, GB
 - [72] SANTOS, CATARINA, GB
 - [72] BESNARD, JEREMY, GB
 - [72] COOKE, ANDREW JOHN, GB
 - [72] GOMEZ, SYLVIE FELICITE, FR
 - [72] CAZAUX-LEROU, LORENE NATHALIE SABINE, FR
 - [72] PINTO, MARTA, FR
 - [72] PUCCI, SABRINA, FR
 - [72] BLANGER, CLAIRE CHRISTIANE GINETTE, FR
 - [71] EXSCIENTIA AI LIMITED, GB
 - [85] 2023-04-24
 - [86] 2021-11-23 (PCT/GB2021/053031)
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 - [30] GB (2018412.3) 2020-11-23
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- [25] EN
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- [54] ACIDES NUCLEIQUES POUR INHIBER L'EXPRESSION DE PROS1 DANS UNE CELLULE
- [72] SCHAEPER, UTE, DE
- [72] DAMES, SIBYLLE, DE
- [72] MORRISON, ELIOT, DE
- [72] PRINCE ELADNANI, RAJA, CH
- [72] ANGELILLO-SCHERRER, ANNE, CH
- [71] UNIVERSITAT BERN, CH
- [71] SILENCE THERAPEUTICS GMBH, DE
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 - [25] FR
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 - [54] TURBOMACHINE A TURBINE LIBRE COMPRENANT DES MACHINES ELECTRIQUES ASSISTANT UN GENERATEUR DE GAZ ET UNE TURBINE LIBRE
 - [72] VIVE, LOIS PIERRE DENIS, FR
 - [72] BEDRINE, OLIVIER, FR
 - [72] DROUIN, THOMAS, FR
 - [71] SAFRAN HELICOPTER ENGINES, FR
 - [85] 2023-05-02
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- [54] SYSTEMES ET PROCEDES OSMOTIQUES IMPLIQUANT UNE RECUPERATION D'ENERGIE
- [72] STOVER, RICHARD, US
- [71] GRADIANT CORPORATON, US
- [85] 2023-05-02
- [86] 2021-11-16 (PCT/US2021/059441)
- [87] (WO2022/108891)
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[54] ASSERTED RELATIONSHIPS MATCHING IN AN IDENTITY GRAPH DATA STRUCTURE
[54] APPARIEMENT DE RELATIONS AFFIRMEES DANS UNE STRUCTURE DE DONNEES DE GRAPHE D'IDENTITE
[72] COLLINS, W. DWAYNE, US
[72] MARUPALLY, PAVAN ROY, US
[71] LIVERAMP, INC., US
[85] 2023-05-02
[86] 2021-10-29 (PCT/US2021/057190)
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[30] US (63/109,183) 2020-11-03

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[25] EN
[54] SAMPLE ANALYSIS CARTRIDGE
[54] CARTOUCHE D'ANALYSE D'ECHANTILLON
[72] HARDING, PIERS, GB
[72] WILLIAMS, MATT, GB
[72] MALLOY, ANDREW, GB
[72] HOWARD, REBECCA, GB
[71] TTP PLC., GB
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[86] 2021-11-12 (PCT/GB2021/052930)
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[30] GB (2017920.6) 2020-11-13

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[25] EN
[54] BENZYLAMINE OR BENZYL ALCOHOL DERIVATIVE AND USE THEREOF
[54] DERIVE DE BENZYLAMINE OU D'ALCOOL BENZYLIQUE ET SON UTILISATION
[72] REN, JUNFENG, CN
[72] LIU, GUANFENG, CN
[72] WU, XIANCAI, CN
[72] DU, NAN, CN
[72] LI, PENGWU, CN
[72] YANG, XIAOYUN, CN
[72] ZHOU, QINGSONG, CN
[72] YUAN, CHENGUANG, CN
[72] LI, YINGFU, CN
[71] CHENGDU HYPERWAY PHARMACEUTICALS CO., LTD., CN
[71] SHENZHEN HYPERWAY PHARMACEUTICALS CO., LTD., CN
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[25] EN
[54] MODULATION OF GENE EXPRESSION VIA TRANSCRIPTION FACTOR-CHEMICALLY INDUCED PROXIMITY (TF-CIP)
[54] MODULATION DE L'EXPRESSION GENIQUE PAR LA PROXIMITE INDUISTE CHIMIQUEMENT PAR LE FACTEUR DE TRANSCRIPTION (TF-CIP)
[72] CRABTREE, GERALD R., US
[72] GOURISANKAR, SAI, US
[72] KROKHOTIN, ANDREY, US
[72] CHANG, CHIUNG-YING, US
[72] WENDERSKI, WENDY CHRISTINE, US
[72] KIM, SAMUEL HEEJU, US
[72] GRAY, NATHANAEL, US
[72] LIU, XIAOFAN, US
[72] LI, ZHENGNIAN, US
[72] ZHANG, TINGHU, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[30] US (63/110,575) 2020-11-06

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[25] EN
[54] ATOMIZATION DEVICE WITH GOOD ATOMIZATION EFFECT
[54] DISPOSITIF DE PULVERISATION A BON EFFET DE PULVERISATION
[72] CHEN, PING, CN
[71] SHENZHEN HUACHENGDA PRECISION INDUSTRY CO.LTD., CN
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[86] 2021-12-23 (PCT/CN2021/140964)
[87] (3197819)

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 - [54] ATOMIZING CORE WITH AIR FLOW CHAMBER
 - [54] NOYAU DE PULVERISATION A CHAMBRE DE CIRCULATION D'AIR
 - [72] CHEN, PING, CN
 - [71] SHENZHEN HUACHENGDA PRECISION INDUSTRY CO.LTD., CN
 - [85] 2023-05-05
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 - [87] (3197824)
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 - [25] EN
 - [54] RECEIVER FOR A MEDICAL WASTE COLLECTION SYSTEM
 - [54] RECEPTEUR POUR SYSTEME DE COLLECTE DE DECHETS MEDICAUX
 - [72] ZOLLINGER, MICHAEL, US
 - [72] LADUKE, PETER, US
 - [72] KIRSCHENSTEINER, JEFFREY, US
 - [72] EDINGER, BENJAMIN, US
 - [71] STRYKER CORPORATION, US
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 - [54] DERIVES DE PYRROLO[2,3-B]PYRIDINE ET DE PYRAZOLO[3,4-B]PYRIDINE SUBSTITUES EN TANT QU'INHIBITEURS DE PROTEINE KINASE
 - [72] TAN, HAOSHAN, CN
 - [72] LIU, QIHONG, CN
 - [72] WANG, YUNLING, CN
 - [72] JIANG, LIHUA, CN
 - [72] LIN, SHU, US
 - [72] ZHAO, XINGDONG, CN
 - [72] WANG, WEIBO, US
 - [71] FOCHON BIOSCIENCES, LTD., CN
 - [85] 2023-05-10
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 - [87] (WO2022/105746)
 - [30] US (63/115,027) 2020-11-17
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 - [25] EN
 - [54] A PROCESS FOR PREPARING AN EXTRUDED PLANT-BASED FOOD PRODUCT
 - [54] PROCEDE DE PREPARATION D'UN PRODUIT ALIMENTAIRE EXTRUDE A BASE DE PLANTE
 - [72] BETZ, REINHOLD WILLY, DE
 - [72] HUTSCHENREUTER, SIMON ALEXANDER, US
 - [72] KURZ, KEVIN, DE
 - [72] MICHEL, MARTIN, CH
 - [72] PIBAROT, PATRICK, CH
 - [72] WEISS, JOCHEN, DE
 - [72] HERRMANN, KURT, DE
 - [72] AMBUHL, MARK, CH
 - [72] WENZEL, HANNES, CH
 - [71] SOCIETE DES PRODUITS NESTLE S.A., CH
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 - [86] 2021-11-25 (PCT/EP2021/082925)
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 - [30] EP (20210205.9) 2020-11-27
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 - [25] EN
 - [54] AERIAL VEHICLES
 - [54] ENGINS VOLANTS
 - [72] VON BERTOUCH, MICHAEL, AU
 - [72] KELLY, ADAM, AU
 - [71] INNOVAERO TECHNOLOGIES PTY LTD, AU
 - [85] 2023-05-12
 - [86] 2021-11-12 (PCT/AU2021/051343)
 - [87] (WO2022/099373)
 - [30] AU (2020904185) 2020-11-13
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 - [25] EN
 - [54] METHODS FOR PURIFYING INTER-ALPHA INHIBITOR PROTEINS
 - [54] PROCEDES DE PURIFICATION DE PROTEINES D'INHIBITEUR INTER-ALPHA
 - [72] LIM, YOW-PIN, US
 - [72] QIU, JOSEPH, US
 - [71] PROTHERA BIOLOGICS, INC., US
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 - [86] 2021-11-16 (PCT/US2021/059569)
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 - [30] US (63/114,416) 2020-11-16
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- [25] EN
- [54] LATTICE STRUCTURE FOR IMPACT ATTENUATION
- [54] STRUCTURE EN TREILLIS POUR L'ATTENUATION DE CHOCS
- [72] WEBER, JOHN B., US
- [72] CASPE, RUSSELL J., US
- [71] GENTEX CORPORATION, US
- [85] 2023-05-15
- [86] 2021-11-24 (PCT/US2021/060821)
- [87] (WO2022/125311)
- [30] US (63/118,483) 2020-11-25

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 - [25] EN
 - [54] RADAR USING END-TO-END RELAY
 - [54] RADAR UTILISANT UN RELAIS DE BOUT EN BOUT
 - [72] GREENIDGE, DAVID D., US
 - [72] BUER, KENNETH V., US
 - [72] MILLER, CRAIG A., US
 - [72] HANCHARIK, DAVID J., US
 - [71] VIASAT, INC., US
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 - [86] 2020-11-17 (PCT/US2020/060922)
 - [87] (WO2022/108577)
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 - [25] EN
 - [54] PREFORM OF A PLASTIC CONTAINER
 - [54] PREFORME D'UN RECIPIENT EN PLASTIQUE
 - [72] BRUGNERA, NICOLA, IT
 - [72] MANUNTA, MAURO, IT
 - [72] MARCHIONI, DAVIDE, IT
 - [72] PIZZINAT, TIZIANO, IT
 - [72] ZANETTE, DINO ENRICO, IT
 - [72] ZOPPAS, MATTEO, IT
 - [71] S.I.P.A. SOCIETA' INDUSTRIALIZZAZIONE PROGETTAZIONE E AUTOMAZIONE S.P.A., IT
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 - [86] 2021-11-15 (PCT/IB2021/060540)
 - [87] (WO2022/106973)
 - [30] IT (102020000027513) 2020-11-17
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 - [25] EN
 - [54] BROADLY NEUTRALIZING ANTIBODIES AGAINST INFLUENZA NEURAMINIDASE
 - [54] ANTICORPS NEUTRALISANTS A LARGE SPECTRE DIRIGÉS CONTRE LA NEURAMINIDASE DE LA GRIPPE
 - [72] CORTI, DAVIDE, CH
 - [72] PIZZUTO, MATTEO SAMUELE, CH
 - [72] MINOLA, ANDREA, CH
 - [72] CAMERONI, ELISABETTA, CH
 - [72] SNELL, GYORGY, US
 - [72] FERRI, ELENA, US
 - [71] VIR BIOTECHNOLOGY, INC., US
 - [71] HUMABS BIOMED SA, CH
 - [85] 2023-05-15
 - [86] 2021-11-19 (PCT/US2021/060155)
 - [87] (WO2022/109309)
 - [30] US (63/117,448) 2020-11-23
 - [30] US (63/123,424) 2020-12-09
 - [30] US (63/197,160) 2021-06-04
 - [30] US (63/261,463) 2021-09-21
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- [25] EN
- [54] INDUCIBLE CELL DEATH SYSTEMS
- [54] SYSTEMES INDUCTIBLES DE MORT CELLULAIRE
- [72] CHEUNG, ROCKY, US
- [72] GORDLEY, RUSSELL MORRISON, US
- [72] LU, TIMOTHY KUAN-TA, US
- [72] HUNG, MICHELLE ELIZABETH, US
- [72] COTTMAN, REBECCA TAYLER, US
- [71] SENTI BIOSCIENCES, INC., US
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- [87] (WO2022/109421)
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 - [25] EN
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 - [54] STRUCTURE DE RENFORT ET DISPOSITIF ELECTRONIQUE
 - [72] XIONG, ZHENXING, CN
 - [72] LIU, WANGLIANG, CN
 - [72] LAN, ZENGQI, CN
 - [72] ZHAO, CAIJUN, CN
 - [72] XU, XIANG, CN
 - [71] HUAWEI TECHNOLOGIES CO., LTD., CN
 - [85] 2023-05-15
 - [86] 2021-08-05 (PCT/CN2021/110988)
 - [87] (WO2022/100161)
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- [25] EN
- [54] AEROSOL GENERATING MATERIAL
- [54] MATIERE GENERATRICE D'AEROSOL
- [72] BALLESTEROS GOMEZ, PABLO JAVIER, MY
- [72] RIKO VINERSIANO, BRANDHIKA, ID
- [72] YODHANA PUTRA, BAYU, ID
- [72] NOVAN HIDAYAT, MOHAMMAD, ID
- [72] KARTIKA DEWI, TANTI, ID
- [71] NICOVENTURES TRADING LIMITED, GB
- [85] 2023-05-17
- [86] 2021-12-13 (PCT/GB2021/053267)
- [87] (WO2022/123276)
- [30] GB (2019625.9) 2020-12-11

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 - [54] ANTI-MICROBIAL PAPER PRODUCTS INCLUDING SILVER IONS
 - [54] PRODUITS DE PAPIER ANTIMICROBIENS COMPRENANT DES IONS ARGENT
 - [72] BERTHIAUME, RUSSELL A., US
 - [72] HUNTER, MARK S., US
 - [72] LAPLUME, DANA S., US
 - [72] NELSON, WILLIAM C., US
 - [71] HOFFMASTER GROUP, INC., US
 - [71] BERTHIAUME, RUSSELL A., US
 - [71] HUNTER, MARK S., US
 - [71] LAPLUME, DANA S., US
 - [71] NELSON, WILLIAM C., US
 - [85] 2023-04-21
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 - [87] (WO2022/087608)
 - [30] US (63/094,473) 2020-10-21
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- [25] EN
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- [54] DOSAGE DE FEDRATINIB
- [72] KRISHNA, GOPAL, US
- [72] OGASAWARA, KEN, US
- [71] IMPACT BIOMEDICINES, INC., US
- [85] 2023-05-18
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- [87] (WO2022/132933)
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 - [54] REDUCED RESIDUAL FOR SMART SPRAY
 - [54] RESIDUS REDUITS POUR PULVERISATION INTELLIGENTE
 - [72] KIEPE, BJOERN, DE
 - [72] DELATREE, CLEMENS CHRISTIAN, DE
 - [72] WAHABZADA, MIRWAES, DE
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- [54] BAC SUPPORT DE BATTERIES, BLOC-BATTERIE ET VEHICULE ELECTRIQUE
- [72] WANG, YONGNAN, CN
- [72] CHEN, HUA, CN
- [72] ZHENG, WEIXIN, CN
- [72] LIAO, ZHENGYUAN, CN
- [71] BYD COMPANY LIMITED, CN
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 - [25] EN
 - [54] AN AEROSOL FORMING LIQUID FOR AN ELECTRONIC CIGARETTE HAVING TWO DIFFERENT PHASES AND METHODS AND DEVICES FOR USING THE SAME
 - [54] LIQUIDE DE FORMATION D'AEROSOL POUR CIGARETTE ELECTRONIQUE AYANT DEUX PHASES DIFFERENTES ET PROCEDES ET DISPOSITIFS D'UTILISATION ASSOCIES
 - [72] GARCIA GARCIA, EDUARDO JOSE, CH
 - [72] PILATOWICZ, GRZEGORZ ALEKSANDER, CH
 - [72] WRIGHT, ALEC, GB
 - [71] JT INTERNATIONAL SA, CH
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- [54] POMPE ROTATIVE A ENGRENAGES DOTEE D'UN ENGRENAGE D'ENTRAINEMENT CENTRE
- [72] CHACHULA, RYAN, CA
- [72] SERAFINCHAN, DALE, CA
- [72] BRYANT, TOM, CA
- [71] ADVANCING PUMP TECHNOLOGY CORP., CA
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 - [54] DISPOSITIF DE TEST D'ALLERGIE
 - [72] SCHNETZ, GUNTRAM, AT
 - [71] ALLTEST GMBH, AT
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- [54] NOVEL COMPOSITION FOR CURLING HAIR OR CURLING EYELASHES
- [54] NOUVELLE COMPOSITION POUR BOUCLER LES CHEVEUX OU RECOURBER LES CILS
- [72] VISCOGLIOSI, SEBASTIEN FREDERIC, FR
- [72] GARCIA, ISABEL, FR
- [71] DI VISCO, FR
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 - [54] PROMOTION DE LA REGENERATION ET DE LA TRANSFORMATION DANS BETA VULGARIS
 - [72] KONG, JIXIANG, BE
 - [72] MARTIN-ORTIGOSA, SUSANA, DE
 - [72] PACHECO VILLALOBOS, DAVID, DE
 - [72] KASTNER, CHRISTINE, DE
 - [72] LUDEWIG, FRANK, DE
 - [71] KWS SAAT SE & CO. KGAA, DE
 - [71] STICHTING WAGENINGEN RESEARCH, NL
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- [54] PROCESSING SEARCH REQUESTS
- [54] TRAITEMENT DE DEMANDES DE RECHERCHE
- [72] LECOURT, GUILLAUME, FR
- [72] THIREAU, JEAN-SEBASTIEN, FR
- [72] LE GRAND, GUILLAUME, FR
- [72] MARTIN, ERIC JEAN JOSEPH, FR
- [72] TOPCIU, BLERINA, FR
- [71] AMADEUS S.A.S., FR
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 - [54] KITS ET METHODES POUR L'INDUCTION D'UNE CARDIOVERSION CHEZ DES SUJETS ATTEINTS D'ARYTHMIES AURICULAIRES
 - [72] BELARDINELLI, LUIZ, US
 - [72] SCHULER, CARLOS, US
 - [72] GUZMAN, MIGUEL, US
 - [71] INCARDA THERAPEUTICS, INC., US
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 - [30] US (63/127,089) 2020-12-17
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- [25] EN
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- [54] PREPARATION D'ECHANTILLONS D'ACIDE NUCLEIQUE POUR SEQUENCAGE
- [72] LARSON, MATTHEW, US
- [72] TOM, CURTIS, US
- [72] STUART, SARAH, US
- [72] ZHOU, YIQI, US
- [71] GRAIL, LLC, US
- [85] 2023-05-29
- [86] 2021-12-18 (PCT/US2021/064248)
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[25] EN
[54] TREATMENT COMPOSITIONS COMPRISING CERTAIN PLANT ROSIN MATERIALS
[54] COMPOSITIONS DE TRAITEMENT COMPRENANT CERTAINES MATIERES DE COLOPHANES VEGETALES
[72] COLLU, MATTIA, BE
[72] TAHLON, CEDRIC MARC, BE
[72] SMETS, JOHAN, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2023-05-29
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[25] EN
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[54] PROCEDE NON INVASIF DE DETERMINATION DES PROPRIETES D'UN OEUFS DE POULE ET/OU DES PROPRIETES D'UN EMBRYON DE POULE A L'INTERIEUR DE L'OEUF A L'AIDE LA SPECTROSCOPIE A INFRAROUGE PROCHE, SYSTEME CORRESPONDANT ET UTILISATIONS DE CELUI-CI
[72] HURLIN, JORG, DE
[71] AGRI ADVANCED TECHNOLOGIES GMBH, DE
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[87] (WO2022/129537)
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[13] A1

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[25] EN
[54] MICROCHANNEL FEED SYSTEM FOR AN AEROSOL DELIVERY DEVICE
[54] SYSTEME D'ALIMENTATION A MICROCANAL POUR DISPOSITIF DE DISTRIBUTION D'AEROSOL
[72] SEBASTIAN, ANDRIES DON, US
[72] SEARS, STEPHEN B., US
[72] HEJAZI, VAHID, US
[72] SUR, RAJESH, US
[72] MCMAHAN, CASSIDY S., US
[71] RAI STRATEGIC HOLDINGS INC, US
[85] 2023-05-29
[86] 2021-11-29 (PCT/IB2021/061088)
[87] (WO2022/118180)
[30] US (17/108,676) 2020-12-01

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[25] EN
[54] MULTI-MODAL APPROACH TO A SECURE AND CLOSED SOLUTION FOR PROVIDING SCHEDULED NOTIFICATIONS
[54] APPROCHE MULTIMODALE D'UNE SOLUTION SECURISEE ET FERMEE POUR FOURNIR DES NOTIFICATIONS PLANIFIEES
[72] KANNAN, NAVNEETH N., US
[71] ARRIS ENTERPRISES LLC, US
[85] 2023-05-29
[86] 2021-08-06 (PCT/US2021/044939)
[87] (WO2022/032093)
[30] US (63/062,835) 2020-08-07
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[51] Int.Cl. H01J 37/244 (2006.01)
[25] EN
[54] CHARGED PARTICLE ASSESSMENT TOOL, INSPECTION METHOD AND IMAGE
[54] OUTIL D'EVALUATION A PARTICULES CHARGEES, PROCEDE D'INSPECTION ET IMAGE
[72] Veenstra, Roy Ramon, NL
[71] ASML NETHERLANDS B.V., NL
[85] 2023-05-29
[86] 2021-11-08 (PCT/EP2021/080943)
[87] (WO2022/117285)
[30] EP (20210844.5) 2020-12-01

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[51] Int.Cl. C07K 16/28 (2006.01)
[25] EN
[54] ANTI-SIRP? ANTIBODY AND APPLICATION THEREOF
[54] ANTICORPS ANTI-SIRP? ET SON APPLICATION
[72] WU, ZHENHUA, CN
[72] NIE, LEI, CN
[72] MEI, XIAOFEN, CN
[72] WANG, HAIBIN, CN
[72] CHEN, JUAN, CN
[72] LI, NA, CN
[72] WANG, XIAOZE, CN
[72] ZHOU, YAOQIONG, CN
[72] CHEN, YAO, CN
[72] JIANG, MEIZHU, CN
[71] BIORAY PHARMACEUTICAL CO., LTD., CN
[71] HISUN BIOPHARMACEUTICAL CO., LTD., CN
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- [25] EN
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- [54] THERMOPLASTIQUES THERMOCONDUCTEURS POUR FRITTAGE LASER SELECTIF
- [72] ZEKRIARDEHANI, SHAHAB, US
- [72] SANTIAGO BAERGA, JEREMY M., US
- [72] MAPKAR, JAVED ABDURRAZZAQ, US
- [72] TRUBLOWSKI, JOHN, US
- [71] EATON INTELLIGENT POWER LIMITED, IE
- [85] 2023-05-29
- [86] 2021-11-26 (PCT/EP2021/025463)
- [87] (WO2022/111853)
- [30] US (63/119,254) 2020-11-30

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- [25] EN
- [54] METHOD FOR RECYCLING WASTE IN THE FORM OF FLAKES
- [54] PROCEDE DE RECYCLAGE DE RESIDUS SOUS FORME DE PAILLETTES
- [72] VILLEMIN, LAURENT ROBERT, FR
- [72] HORN, CHRISTIAN, LU
- [72] HERMANT, ETIENNE, FR
- [71] REPLACE, FR
- [85] 2023-05-29
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- [87] (WO2022/148841)
- [30] FR (FR2100208) 2021-01-11

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- [25] EN
- [54] EXTRACORPOREAL OXYGENATION SYSTEM FOR LOW FLOW RATES AND METHODS OF USE
- [54] SYSTEME D'OXYGENATION EXTRACORPOREL POUR FAIBLES DEBITS ET PROCEDES D'UTILISATION
- [72] BEN NOON, DAGI, IL
- [72] SHABTAY, ABRAHAM, IL
- [71] INSPIRA TECHNOLOGIES OXY B.H.N LTD., IL
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- [87] (WO2022/118314)
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- [25] EN
- [54] SOIL REMOVAL ON COTTON VIA TREATMENT IN THE RINSE STEP FOR ENHANCED CLEANING IN THE SUBSEQUENT WASH
- [54] ELIMINATION DE SALISSURE SUR DU COTON PAR UN TRAITEMENT LORS DE L'ETAPE DE RINCAGE POUR UN NETTOYAGE AMELIORE LORS D'UN LAVAGE ULTERIEUR
- [72] MCGRANE, PETER J., US
- [72] GHOSH, KAUSTAV, US
- [72] SOONTRAVANICH, SUKHWAN, US
- [72] OWENS-POLTA, PAIGE MARY, US
- [72] DHAWAN, ASHISH, US
- [72] CHEN, YIQING, US
- [72] SILVERNAIL, CARTER M., US
- [72] MONSRUD, LEE, US
- [71] ECOLAB USA INC., US
- [85] 2023-05-29
- [86] 2021-12-22 (PCT/US2021/064784)
- [87] (WO2022/140505)
- [30] US (63/199,395) 2020-12-23

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- [25] EN
- [54] COMPOSITE PARTICLE AND USE THEREOF IN OPTICAL FILTRATION
- [54] PARTICULE COMPOSITE ET SON UTILISATION DANS LA FILTRATION OPTIQUE
- [72] CURTIS, WILLIAM, CA
- [72] PAYNE, MORRGAN, CA
- [72] BENNETT, RAYMOND, CA
- [72] MASONE, GABRIELLE TINA, CA
- [71] COLOURSMITH LABS INC., CA
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- [86] 2021-12-01 (PCT/CA2021/051716)
- [87] (WO2022/115948)
- [30] US (63/120,523) 2020-12-02

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- [25] EN
- [54] HYDROXYSTEARIC ACID FOR INDUCING GENERATION OF ANTIMICROBIAL PEPTIDES
- [54] ACIDE HYDROXYSTEARIQUE POUR INDUIRE LA GENERATION DE PEPTIDES ANTIMICROBIENS
- [72] ALEXANDER, THRISHA CLEETUS, IN
- [72] GHOSH, RIMPA, IN
- [72] MAJUMDAR, AMITABHA, IN
- [72] MATHAPATHI, MRUTHYUNJAYA SWAMY, IN
- [72] THIMMAIAH, SREENIVASA, IN
- [72] WASKAR, MORRIS, IN
- [71] UNILEVER GLOBAL IP LIMITED, GB
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- [86] 2021-11-24 (PCT/EP2021/082733)
- [87] (WO2022/117404)
- [30] IN (202021052758) 2020-12-03
- [30] EP (21152775.9) 2021-01-21

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 - [25] EN
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 - [54] DERIVE DE 5-HETEROARYL-1H-PYRAZOL-3-AMINE
 - [72] KAMIOKA, SEIJI, JP
 - [72] BAN, HITOSHI, JP
 - [72] MATSUOKA, MAKOTO, JP
 - [72] HIROSE, WATARU, JP
 - [72] SHIMADA, NAOAKI, JP
 - [72] HAYASHI, KENTO, JP
 - [72] UMEHARA, HIROKI, JP
 - [71] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
 - [85] 2023-05-29
 - [86] 2021-11-29 (PCT/JP2021/043666)
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 - [30] JP (2020-198648) 2020-11-30
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- [54] TRASH BIN
- [54] POUBELLE
- [72] ZAK, ZVIKA, IL
- [71] KETER HOME AND GARDEN PRODUCTS LTS, IL
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- [86] 2021-12-02 (PCT/IL2021/051435)
- [87] (WO2022/118318)
- [30] IL (279162) 2020-12-02

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[13] A1

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 - [25] EN
 - [54] AN IMPROVED PROCESS FOR CONVERSION OF PLASTIC WASTE TO FUEL
 - [54] PROCEDE AMELIORE POUR CONVERTIR DES DECHETS PLASTIQUES EN COMBUSTIBLE
 - [72] GUPTA, KAMLESH MADANLAL, IN
 - [72] GUPTA, KAVITA MADANLAL, IN
 - [71] GUPTA, KAMLESH MADANLAL, IN
 - [71] GUPTA, KAVITA MADANLAL, IN
 - [85] 2023-05-29
 - [86] 2021-11-08 (PCT/IB2021/060306)
 - [87] (WO2022/123351)
 - [30] IN (202011053788) 2020-12-10
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- [25] EN
- [54] FUEL CELL MEMBRANE HUMIDIFIER
- [54] HUMIDIFICATEUR A MEMBRANES DE PILE A COMBUSTIBLE
- [72] OH, YOUNG SEOK, KR
- [72] LEE, AH REUM, KR
- [72] LEE, JI YOON, KR
- [72] KIM, KYUNG JU, KR
- [71] KOLON INDUSTRIES, INC., KR
- [85] 2023-05-29
- [86] 2022-01-04 (PCT/KR2022/000047)
- [87] (WO2022/149819)
- [30] KR (10-2021-0001313) 2021-01-06

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[13] A1

- [51] Int.Cl. G06T 7/55 (2017.01)
 - [25] EN
 - [54] DEVICE AND METHOD FOR DEPTH MEASUREMENT OF 3D IRREGULAR SURFACES
 - [54] DISPOSITIF ET PROCEDE DE MESURE DE PROFONDEUR DE SURFACES 3D IRREGULIERES
 - [72] JUPPE, LAURENT, CA
 - [72] ABUELWAFA, SHERIF ESMAT OMAR, CA
 - [72] GREGOIRE, MARTIN, CA
 - [72] AUSSEDAT, ANTOINE, CA
 - [72] DESROCHERS, MARIE-EVE, CA
 - [72] MARTIN, BRYAN ALLEN, CA
 - [71] APPLICATIONS MOBILES OVERVIEW INC., CA
 - [85] 2023-05-29
 - [86] 2021-12-03 (PCT/IB2021/061320)
 - [87] (WO2022/118283)
 - [30] EP (20211729.7) 2020-12-03
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[13] A1

- [51] Int.Cl. A61K 51/08 (2006.01)
- [25] EN
- [54] UROKINASE PLASMINOGEN ACTIVATOR RECEPTOR TARGETED RADIOLABELED PEPTIDE CONJUGATES
- [54] CONJUGUES PEPTIDIQUES RADIOMARQUES CIBLES SUR LE RECEPTEUR DE L'ACTIVATEUR DU PLASMINOGENE DE L'UROKINASE
- [72] KJAER, ANDREAS, DK
- [72] JENSEN, KNUD JORGENSEN, DK
- [72] MADSEN, JAKOB, DK
- [72] JEPPESEN, TROELS ELMER, DK
- [71] CURASIGHT APS, DK
- [85] 2023-05-29
- [86] 2021-11-26 (PCT/EP2021/083154)
- [87] (WO2022/117454)
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[25] EN
[54] STORAGE SHELVING PLATE
AND STORAGE SHELVING
SYSTEM
[54] PLAQUE DE RECEPTION
D'OBJET ET SYSTEME DE
RECEPTION D'OBJET
[72] LI, YUEMING, CN
[71] HANGZHOU GREAT STAR
INDUSTRIAL CO., LTD., CN
[85] 2023-05-29
[86] 2021-03-23 (PCT/CN2021/082421)
[87] (WO2022/165941)
[30] CN (202110158538.5) 2021-02-05

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[25] EN
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WIRELESS TRANSPONDER FOR
ATTACHMENT TO SPECIMEN
COLLECTION BODY
[54] PORTE-ECHANTILLON DOTE
D'UN TRANSPONDEUR SANS FIL
POUR FIXATION A UN CORPS DE
COLLECTE D'ECHANTILLON
[72] BIXON, BRIAN JOSEPH, US
[72] LI, CHENGXI, US
[72] MURRAY, ALAN, US
[71] TMRW LIFE SCIENCES, INC., US
[85] 2023-05-29
[86] 2021-12-09 (PCT/US2021/062676)
[87] (WO2022/125817)
[30] US (63/123,959) 2020-12-10

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[51] Int.Cl. A61K 39/00 (2006.01) A61P
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(2006.01)
[25] EN
[54] METHODS AND COMPOSITIONS
FOR MODULATING CAR-T
ACTIVITY
[54] METHODES ET COMPOSITIONS
POUR MODULER UNE ACTIVITE
DE CAR-T
[72] SCHREPFER, SONJA, US
[72] WENG, LINDONG, US
[72] FRY, TERRY J., US
[71] SANA BIOTECHNOLOGY, INC., US
[85] 2023-05-29
[86] 2021-12-23 (PCT/US2021/065157)
[87] (WO2022/146891)
[30] US (63/133,171) 2020-12-31
[30] US (63/288,477) 2021-12-10
[30] US (63/255,795) 2021-10-14
[30] US (63/175,003) 2021-04-14
[30] US (63/136,172) 2021-01-11

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[51] Int.Cl. A61K 9/00 (2006.01) A61K
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A61K 47/10 (2017.01) A61K 47/26
(2006.01)
[25] EN
[54] PHARMACEUTICAL
COMPOSITION OF GLP-1/GLP-2
DUAL AGONISTS
[54] COMPOSITION
PHARMACEUTIQUE DE
DOUBLES AGONISTES DE GLP-
1/GLP-2
[72] VILLADSEN, JESPER SKODBORG,
DK
[72] GIEHM, LISE, DK
[71] ZEALAND PHARMA A/S, DK
[85] 2023-05-30
[86] 2021-12-16 (PCT/EP2021/086147)
[87] (WO2022/129311)
[30] EP (20214562.9) 2020-12-16

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[51] Int.Cl. A61K 9/00 (2006.01) A61K
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A61K 47/18 (2017.01) A61K 47/26
(2006.01)
[25] EN
[54] PHARMACEUTICAL
COMPOSITION OF GLP-1/GLP-2
DUAL AGONISTS
[54] COMPOSITION
PHARMACEUTIQUE DE
DOUBLES AGONISTES DE GLP-
1/GLP-2
[72] VILLADSEN, JESPER SKODBORG,
DK
[72] GIEHM, LISE, DK
[71] ZEALAND PHARMA A/S, DK
[85] 2023-05-30
[86] 2021-12-16 (PCT/EP2021/086147)
[87] (WO2022/129311)
[30] EP (20214562.9) 2020-12-16

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[51] Int.Cl. A61B 34/00 (2016.01) A61B
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A61B 34/32 (2016.01) G16H 30/00
(2018.01)
[25] EN
[54] SYSTEMS AND METHODS FOR
PROVIDING SURGICAL
GUIDANCE
[54] SYSTEMES ET PROCEDES POUR
FOURNIR UN GUIDAGE
CHIRURGICAL
[72] MITREA, BOGDAN, US
[72] NWAIWU, CHIBUEZE, US
[72] DECHERT, ALYSON, US
[72] KIM, PETER, US
[72] CHEN, TINA P., US
[71] ACTIV SURGICAL, INC., US
[85] 2023-05-30
[86] 2021-12-03 (PCT/US2021/061854)
[87] (WO2022/120199)
[30] US (63/121,802) 2020-12-04

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[21] 3,200,547
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- [51] Int.Cl. G06Q 20/22 (2012.01) G06Q 20/38 (2012.01)
- [25] EN
- [54] SYSTEMS AND METHODS FOR DATA SECURITY
- [54] SYSTEMES ET PROCEDES POUR LA SECURITE DE DONNEES
- [72] EDWARDS, JOSHUA, US
- [72] BERGERON, GEORGE, US
- [72] MONTEALEGRE, ANDREA, US
- [72] BULGAKOV, MYKHAYLO, US
- [71] CAPITAL ONE SERVICES, LLC, US
- [85] 2023-05-30
- [86] 2021-11-19 (PCT/US2021/060015)
- [87] (WO2022/119724)
- [30] US (17/109,584) 2020-12-02

[21] 3,200,549
[13] A1

- [51] Int.Cl. G07F 11/04 (2006.01)
- [25] EN
- [54] CONTACTLESS PRODUCT DISPENSING SYSTEMS AND METHODS
- [54] SYSTEMES ET PROCEDES DE DISTRIBUTION DE PRODUIT SANS CONTACT
- [72] CHUNG, TERRY TAE-IL, US
- [72] LI, XUEJUN, US
- [72] SEGIET, WILLIAM W., US
- [72] WIN, LEANNE YIP HEUNG, GB
- [72] MITCHELL, MARTYN THOMAS, GB
- [71] PEPSICO, INC., US
- [85] 2023-05-30
- [86] 2021-11-08 (PCT/US2021/058414)
- [87] (WO2022/115226)
- [30] US (63/119,220) 2020-11-30

[21] 3,200,555
[13] A1

- [51] Int.Cl. B65D 5/42 (2006.01)
- [25] EN
- [54] CLAMSHELL PACKAGING CONTAINER
- [54] RECIPIENT D'EMBALLAGE A DOUBLE COQUE
- [72] ANGELONI, PAUL J., US
- [72] BARTELS, ROSS, US
- [72] THAM, WILLIAM, US
- [72] QUINN, H. STEPHEN, US
- [72] CUNNINGHAM, CHRISTOPHER H., US
- [71] WM. WRIGLEY JR. COMPANY, US
- [85] 2023-05-30
- [86] 2021-12-21 (PCT/US2021/064676)
- [87] (WO2022/146794)
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- [25] EN
- [54] 2,3-DIHYDRO-4H-BENZO[B][1,4]OXAZIN-4-YL)(5-(PHENYL)-PYRIDIN-3-YL)METHANONE DERIVATIVES AND SIMILAR COMPOUNDS AS CYP11A1 INHIBITORS FOR THE TREATMENT OF PROSTATE CANCER

[54] DERIVES DE 2,3-DIHYDRO-4H-BENZO[B][1,4]OXAZIN-4-YL)(5-(PHENYL)-PYRIDIN-3-YL)METHANONE ET COMPOSES SIMILAIRES SERVANT D'INHIBITEURS DE CYP11A1 POUR LE TRAITEMENT DU CANCER DE LA PROSTAT

- [72] DIN BELLE, DAVID, FI
- [72] PIETIKAINEN, PEKKA, FI
- [72] RUMMAKKO, PETTERI, FI
- [72] WOHLFAHRT, GERD, DE
- [71] ORION CORPORATION, FI
- [85] 2023-05-30
- [86] 2021-11-30 (PCT/FI2021/050828)
- [87] (WO2022/117920)
- [30] FI (20206226) 2020-12-01

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[13] A1

- [51] Int.Cl. G01R 33/32 (2006.01) G01R 33/34 (2006.01) G01R 33/44 (2006.01)

[25] FR
[54] LOW-NOISE RF DETECTION AND ACQUISITION SYSTEM BASED ON SQUID AND EQUIPMENT ITEMS INCLUDING THIS SYSTEM

- [54] SYSTEME DE DETECTION ET D'ACQUISITION RF BAS-BRUIT A BASE DE SQUID ET EQUIPEMENTS INTEGRANT CE SYSTEME

- [72] LABAT, DIMITRI, FR
- [71] CHIPIRON, FR
- [85] 2023-05-30
- [86] 2021-12-02 (PCT/FR2021/052187)
- [87] (WO2022/117969)
- [30] FR (FR2012642) 2020-12-03

[21] 3,200,559
[13] A1

- [51] Int.Cl. G06F 8/30 (2018.01) G06F 8/41 (2018.01)
- [25] EN
- [54] METHOD AND SYSTEM FOR A CUSTOMIZED LOCAL BUILD ENVIRONMENT IMAGE
- [54] PROCEDE ET SYSTEME POUR UNE IMAGE D'ENVIRONNEMENT DE CONSTRUCTION LOCALE PERSONNALISEE
- [72] FRACKIEWICZ, KAROL, CA
- [71] BLACKBERRY LIMITED, CA
- [85] 2023-05-30
- [86] 2022-03-21 (PCT/CA2022/050416)
- [87] (WO2022/198308)
- [30] US (17/198,872) 2021-03-23

[21] 3,200,561
[13] A1

- [51] Int.Cl. C22B 7/00 (2006.01) C22B 21/00 (2006.01) F27B 3/04 (2006.01)

[25] EN
[54] METHOD FOR RECOVERING ALUMINUM FROM ALUMINUM SCRAP AND MULTI-CHAMBER MELTING FURNACE

- [54] PROCEDE DE RECUPERATION D'ALUMINIUM A PARTIR DE DECHETS D'ALUMINIUM ET FOUR DE FUSION A PLUSIEURS CHAMBRES

- [72] GULTEKIN, RUKİYE, DE
- [72] SCHRODER, DOMINIKUS, DE
- [71] LOI THERMPROCESS GMBH, DE
- [85] 2023-05-30
- [86] 2021-11-26 (PCT/EP2021/083252)
- [87] (WO2022/117466)
- [30] DE (10 2020 132 240.2) 2020-12-03

Demandes PCT entrant en phase nationale

<p>[21] 3,200,564 [13] A1</p> <p>[51] Int.Cl. A61K 47/54 (2017.01) C12N 15/113 (2010.01)</p> <p>[25] EN</p> <p>[54] ORAL DELIVERY OF ANTISENSE CONJUGATES TARGETING PCSK9</p> <p>[54] ADMINISTRATION ORALE DE CONJUGUES ANTISENS CIBLANT PCSK9</p> <p>[72] OERUM, HENRIK, US</p> <p>[72] NOBLE, STEWART ALWYN, US</p> <p>[72] SHEAR, CHARLES LESTER, US</p> <p>[71] CIVI BIOPHARMA, INC., US</p> <p>[85] 2023-05-30</p> <p>[86] 2021-12-10 (PCT/US2021/062831)</p> <p>[87] (WO2022/125913)</p> <p>[30] US (63/124,581) 2020-12-11</p> <p>[30] US (63/134,884) 2021-01-07</p> <p>[30] US (63/178,340) 2021-04-22</p> <p>[30] US (63/261,505) 2021-09-22</p>

<p>[21] 3,200,565 [13] A1</p> <p>[51] Int.Cl. G06N 5/04 (2023.01) C12Q 1/6874 (2018.01) G16B 25/10 (2019.01)</p> <p>[25] EN</p> <p>[54] DETECTION OF LUNG CANCER USING CELL-FREE DNA FRAGMENTATION</p> <p>[54] DETECTION DU CANCER DU POUMON A L'AIDE D'UNE FRAGMENTATION D'ADN ACELLULAIRE</p> <p>[72] VELCULESCU, VICTOR, US</p> <p>[72] SCHARPF, ROBERT B., US</p> <p>[72] MATHIOS, DIMITRIOS, US</p> <p>[72] PHALLEN, JILLIAN A., US</p> <p>[72] BRUHM, DANIEL, US</p> <p>[72] CRISTIANO, STEPHEN, US</p> <p>[71] THE JOHNS HOPKINS UNIVERSITY, US</p> <p>[85] 2023-05-30</p> <p>[86] 2021-12-21 (PCT/US2021/064613)</p> <p>[87] (WO2022/140386)</p> <p>[30] US (63/128,776) 2020-12-21</p> <p>[30] US (63/197,301) 2021-06-04</p>

<p>[21] 3,200,569 [13] A1</p> <p>[51] Int.Cl. C01D 7/10 (2006.01)</p> <p>[25] EN</p> <p>[54] CONTINUOUS PROCESS AND SYSTEM FOR THE PRODUCTION OF SODIUM BICARBONATE CRYSTALS</p> <p>[54] PROCEDE CONTINU ET SYSTEME POUR LA PRODUCTION DE CRISTAUX DE BICARBONATE DE SODIUM</p> <p>[72] LUIS ALCONERO, PATRICIA, BE</p> <p>[72] SANG SEFIDI, VIDA, BE</p> <p>[72] GARCIA ALVAREZ, MAR, BE</p> <p>[72] SPARENBERG, MARIE-CHARLOTTE, BE</p> <p>[71] UNIVERSITE CATHOLIQUE DE LOUVAIN, BE</p> <p>[85] 2023-05-30</p> <p>[86] 2021-12-03 (PCT/EP2021/084134)</p> <p>[87] (WO2022/117800)</p> <p>[30] EP (20211693.5) 2020-12-03</p>
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<p>[21] 3,200,570 [13] A1</p> <p>[51] Int.Cl. A61B 5/06 (2006.01) A61B 5/29 (2021.01) A61B 5/349 (2021.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR DETERMINING POSITIONING OF INTRACARDIAC DEVICES</p> <p>[54] SYSTEMES ET PROCEDES DE DETERMINATION DE POSITIONNEMENT DE DISPOSITIFS INTRACARDIAQUES</p> <p>[72] CHAKRABARTI, ANJAN K., US</p> <p>[72] ALMEDHYCHY, ALI HASSAN, US</p> <p>[71] ABIOMED, INC., US</p> <p>[85] 2023-05-30</p> <p>[86] 2021-12-08 (PCT/US2021/062407)</p> <p>[87] (WO2022/125663)</p> <p>[30] US (63/123,576) 2020-12-10</p>

<p>[21] 3,200,575 [13] A1</p> <p>[51] Int.Cl. C09J 133/24 (2006.01) C09J 135/00 (2006.01) C09J 177/00 (2006.01)</p> <p>[25] EN</p> <p>[54] ADHESIVE COMPRISING COPOLYMER HAVING REPEATING UNIT CARRYING AMIDE GROUP AND CARBOXYL AND/OR ITS AMMONIUM SALT AND ARTIFICIAL BOARD PREPARED THEREWITH</p> <p>[54] ADHESIF COMPRENANT UN COPOLYMIERE AYANT UNE UNITE DE REPETITION D'UN GROUPE AMIDE ET D'UN GROUPE CARBOXYLE ET/OU D'UN SEL D'AMMONIUM ASSOCIE, ET PANNEAU A BASE DE BOIS L'UTILISANT</p> <p>[72] YANG, WANTAI, CN</p> <p>[72] CHEN, CHUXUAN, CN</p> <p>[72] ZHAO, CHANGWEN, CN</p> <p>[72] XU, CAN, CN</p> <p>[72] CHEN, DONG, CN</p> <p>[72] MA, YUHONG, CN</p> <p>[71] BEIJING UNIVERSITY OF CHEMICAL TECHNOLOGY, CN</p> <p>[85] 2023-05-30</p> <p>[86] 2021-01-07 (PCT/CN2021/070694)</p> <p>[87] (WO2022/116362)</p> <p>[30] CN (202011390257.4) 2020-12-02</p>

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 - [25] EN
 - [54] METHOD OF SPONTANEOUSLY PATTERNING A POLYMER DURING FRONTAL POLYMERIZATION
 - [54] PROCEDE DE STRUCTURATION SPONTANEE D'UN POLYMER AU COURS D'UNE POLYMERISATION FRONTALE
 - [72] MOORE, JEFFREY S., US
 - [72] GEUBELLE, PHILIPPE H., US
 - [72] SOTTOS, NANCY R., US
 - [72] FEINBERG, ADAM M., US
 - [72] LLOYD, EVAN M., US
 - [71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
 - [85] 2023-05-30
 - [86] 2021-12-06 (PCT/US2021/062006)
 - [87] (WO2022/125437)
 - [30] US (63/123,736) 2020-12-10
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[13] A1

- [51] Int.Cl. A61K 35/644 (2015.01) A23L 21/25 (2016.01) A23L 33/105 (2016.01) A61K 47/61 (2017.01) A61K 31/05 (2006.01) A61K 47/44 (2017.01)
- [25] EN
- [54] STABLE COMPOSITION COMPRISING A HONEY AND A CANNABINOID
- [54] COMPOSITION STABLE COMPRENANT DU MIEL ET UN CANNABINOIDE
- [72] DYE, MARK JAMES, NZ
- [72] DOUGLAS, WILLIAM, NZ
- [72] CATCHPOLE, OWEN JOHN, NZ
- [72] MORENO RUEDA, TERESA, NZ
- [72] TALLON, STEPHEN JOHN, NZ
- [71] MW PHARMA IP LIMITED, NZ
- [85] 2023-05-30
- [86] 2021-11-30 (PCT/NZ2021/050212)
- [87] (WO2022/114969)
- [30] NZ (770492) 2020-11-30
- [30] AU (2021221467) 2021-08-24

[21] 3,200,581
[13] A1

- [51] Int.Cl. H05B 45/20 (2020.01)
 - [25] EN
 - [54] WHITE LIGHT LUMINAIRE FOR EVERYDAY ACTIVITIES THAT REGENERATES THE RETINA OF THE EYE IN REAL TIME, DAMAGED BY BLUE LIGHT
 - [54] LUMINAIRE A LUMIERE BLANCHE POUR ACTIVITES QUOTIDIENNES QUI REGENERE LA RETINE DE L'EYEL EN TEMPS REEL, ENDOMMAGEE PAR LA LUMIERE BLEUE
 - [72] MEDRICKY, HYNEK, CZ
 - [71] JESENSKY, DANIEL, CZ
 - [71] STEPAN, DANIEL, CZ
 - [71] MEDRICKY, HYNEK, CZ
 - [85] 2023-05-30
 - [86] 2021-12-16 (PCT/IB2021/061828)
 - [87] (WO2022/130268)
 - [30] CZ (PV 2020-688) 2020-12-17
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[13] A1

- [51] Int.Cl. H04N 21/242 (2011.01) H04N 21/43 (2011.01)
- [25] EN
- [54] PARTIAL VIDEO ASYNC SUPPORT USING R-MACPHY DEVICE
- [54] PRISE EN CHARGE ASYNCHRONE DE VIDEO PARTIELLE AU MOYEN UN DISPOSITIF R-MACPHY
- [72] NEUGEBOREN, YAIR, US
- [72] GARVEY, KEVIN, US
- [72] LOONEY, HUMPHREY, US
- [72] DUNNING, STEPHEN, US
- [72] HARRISON, CHRIS, US
- [71] ARRIS ENTERPRISES LLC, US
- [85] 2023-05-30
- [86] 2021-11-30 (PCT/US2021/061263)
- [87] (WO2022/119852)
- [30] US (63/119,954) 2020-12-01
- [30] US (63/168,032) 2021-03-30

[21] 3,200,585
[13] A1

- [51] Int.Cl. C10J 3/72 (2006.01) B03B 9/06 (2006.01)
 - [25] EN
 - [54] PROCESS FOR OBTAINING SOLID RECOVERED FUEL AND SYNTHESIS GAS FROM A WASTE-BASED FEEDSTOCK
 - [54] PROCEDE D'OBTENTION D'UN COMBUSTIBLE SOLIDE RECUPERE ET D'UN GAZ DE SYNTHESE A PARTIR D'UNE CHARGE D'ALIMENTATION A BASE DE DECHETS
 - [72] GREAGER, PHILIP IVAN, US
 - [72] HARRIS, ROGER ALLEN, US
 - [72] HOPKINS, MARTIN, GB
 - [72] KING, NEIL ALEXANDER, GB
 - [72] WARD, MALCOLM JOHN, GB
 - [71] VELOCYS TECHNOLOGIES LIMITED, GB
 - [85] 2023-05-30
 - [86] 2021-12-01 (PCT/EP2021/083736)
 - [87] (WO2022/117631)
 - [30] US (63/120,786) 2020-12-03
 - [30] GB (2019576.4) 2020-12-11
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[13] A1

- [51] Int.Cl. C09J 133/24 (2006.01) C09J 135/00 (2006.01) C09J 177/00 (2006.01)
- [25] EN
- [54] ADHESIVE AND ARTIFICIAL BOARD PREPARED THEREWITH
- [54] ADHESIF ET PANNEAU ARTIFICIEL PRODUIT A L'AIDE DE CELUI-CI
- [72] YANG, WANTAI, CN
- [72] XU, CAN, CN
- [72] ZHAO, CHANGWEN, CN
- [72] CHEN, CHUXUAN, CN
- [72] CHEN, DONG, CN
- [72] MA, YUHONG, CN
- [71] BEIJING UNIVERSITY OF CHEMICAL TECHNOLOGY, CN
- [85] 2023-05-30
- [86] 2021-01-07 (PCT/CN2021/070695)
- [87] (WO2022/116363)
- [30] CN (202011390263.X) 2020-12-02

Demandes PCT entrant en phase nationale

<p>[21] 3,200,588 [13] A1</p> <p>[51] Int.Cl. A61K 38/46 (2006.01)</p> <p>[25] EN</p> <p>[54] RNA-TARGETING COMPOSITIONS AND METHODS FOR TREATING MYOTONIC DYSTROPHY TYPE 1</p> <p>[54] COMPOSITIONS CIBLANT L'ARN ET METHODES DE TRAITEMENT DE LA DYSTROPHIE MYOTONIQUE DE TYPE 1 (DM1)</p> <p>[72] NELLES, DAVID A., US</p> <p>[72] BATRA, RANJAN, US</p> <p>[72] ROTH, DANIELA, US</p> <p>[72] ZISOULIS, DIMITRIOS, US</p> <p>[72] TA, ANGELINE, US</p> <p>[71] LOCANABIO, INC., US</p> <p>[85] 2023-05-30</p> <p>[86] 2021-12-01 (PCT/US2021/061490)</p> <p>[87] (WO2022/119979)</p> <p>[30] US (63/119,977) 2020-12-01</p> <p>[30] US (63/130,092) 2020-12-23</p> <p>[30] US (63/278,746) 2021-11-12</p>
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 - [54] **IRAK DEGRADERS AND USES THEREOF**
 - [54] **AGENTS DE DEGRADATION D'IRAK ET LEURS UTILISATIONS**
 - [72] ZHENG, XIAOZHANG, US
 - [72] ZHU, XIAO, US
 - [71] KYMERA THERAPEUTICS, INC, US
 - [85] 2023-05-30
 - [86] 2021-12-09 (PCT/US2021/062640)
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- [25] EN
- [54] **DESMOGLEIN 2-DIRECTED CHIMERIC ANTIGEN RECEPTOR (CAR) CONSTRUCTS AND METHODS OF USE**
- [54] **CONSTRUCTIONS DE RECEPTEUR D'ANTIGENE CHIMERIQUE (CAR) DIRIGÉE VERS LA DESMOGLEINE 2 ET MÉTHODES D'UTILISATION**
- [72] SNOOK, ADAM EUGENE, US
- [72] MAHONEY, MY GEORGIA, US
- [72] CARLSON, ROBERT DEVLIN, US
- [71] THOMAS JEFFERSON UNIVERSITY, US
- [85] 2023-05-30
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 - [25] EN
 - [54] **CLEAR, STABLE, WATER-BASED MICROEMULSION FORMULATIONS, COMPOSITIONS AND METHODS FOR PEST CONTROL**
 - [54] **FORMULATIONS MICROEMULSIVES CLAIRES, STABLES, A BASE D'EAU, COMPOSITIONS ET MÉTHODES DE LUTTE ANTIPARASITAIRE**
 - [72] SCHMIDT, JASON, US
 - [72] KLIMAVICZ, JAMES, US
 - [71] TYRATECH, INC., US
 - [85] 2023-05-30
 - [86] 2021-11-22 (PCT/US2021/060344)
 - [87] (WO2022/119738)
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- [25] EN
- [54] **LITHIUM MANGANESE OXIDE SPINEL SORBENT COMPOUNDS AND METHODS OF SYNTHESIS**
- [54] **COMPOSES SORBANTS DE SPINELLE D'OXYDE DE LITHIUM-MANGANESE ET PROCÉDÉS DE SYNTHÈSE**
- [72] JASTRZEBSKA, ROWAN, CA
- [72] SHARMA, MUNISH, CA
- [71] E3 LITHIUM LTD., CA
- [85] 2023-05-30
- [86] 2021-12-10 (PCT/CA2021/051782)
- [87] (WO2022/120494)
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 - [25] FR
 - [54] **DEVICE FOR HELPING A VEHICLE TO NEGOTIATE AN OBSTACLE**
 - [54] **DISPOSITIF D'ASSISTANCE AU FRANCHISSEMENT D'UN OBSTACLE PAR UN VÉHICULE**
 - [72] BELMAN, PIERRE, FR
 - [72] ENGLER, FREDERIC, FR
 - [71] MYDL, FR
 - [85] 2023-05-30
 - [86] 2021-12-08 (PCT/FR2021/052234)
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- [25] EN
- [54] **TUBULAR BODY FOR FORMING A PACKAGING AND PACKAGING THEREWITH**
- [54] **CORPS TUBULAIRE POUR FORMER UN EMBALLAGE ET EMBALLAGE AVEC CELUI-CI**
- [72] THOMASSET, JACQUES, FR
- [72] DEMAUREX, GILLES, CH
- [71] AISAPACK HOLDING S.A., CH
- [85] 2023-05-30
- [86] 2022-02-28 (PCT/IB2022/051734)
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<p style="text-align: right;">[21] 3,200,620 [13] A1</p> <p>[51] Int.Cl. C07D 401/14 (2006.01) C07D 471/04 (2006.01)</p> <p>[25] EN</p> <p>[54] AROMATIC HETEROCYCLIC COMPOUND, AND PHARMACEUTICAL COMPOSITION AND APPLICATION THEREOF</p> <p>[54] COMPOSE HETEROCYCLIQUE AROMATIQUE, ET COMPOSITION PHARMACEUTIQUE ET APPLICATION DE CELUI-CI</p> <p>[72] GU, XIAOHUI, CN</p> <p>[72] BAI, HAIYUN, CN</p> <p>[72] BARBEAU, OLIVIER REMY, GB</p> <p>[72] BESNARD, JEREMY, GB</p> <p>[71] GT APEIRON THERAPEUTICS LIMITED, CN</p> <p>[71] EXSCIENTIA AI LIMITED, GB</p> <p>[85] 2023-05-30</p> <p>[86] 2021-08-27 (PCT/CN2021/115078)</p> <p>[87] (WO2022/134642)</p> <p>[30] CN (202011552478.7) 2020-12-24</p>	<p style="text-align: right;">[21] 3,200,622 [13] A1</p> <p>[51] Int.Cl. A61K 9/107 (2006.01) A61K 31/7088 (2006.01) A61K 47/10 (2017.01) A61K 47/18 (2017.01) A61K 47/22 (2006.01) A61K 48/00 (2006.01) A61P 25/28 (2006.01)</p> <p>[25] EN</p> <p>[54] MICELLAR NANOPARTICLES AND USES THEREOF</p> <p>[54] NANOPARTICULES MICELLAIRES ET LEURS UTILISATIONS</p> <p>[72] RYU, JIN-HYEON, KR</p> <p>[72] LIM, YU NA, KR</p> <p>[72] MIN, HYUN SU, KR</p> <p>[72] KOH, HAN SEOK, KR</p> <p>[72] KIM, DAE HOON, KR</p> <p>[72] CHO, HYUN-JEONG, KR</p> <p>[71] BIORCHESTRA CO., LTD., KR</p> <p>[85] 2023-05-30</p> <p>[86] 2021-12-29 (PCT/IB2021/062446)</p> <p>[87] (WO2022/144811)</p> <p>[30] US (63/199,471) 2020-12-30</p> <p>[30] US (63/260,782) 2021-08-31</p> <p>[30] US (63/260,989) 2021-09-08</p>	<p style="text-align: right;">[21] 3,200,624 [13] A1</p> <p>[51] Int.Cl. A61K 9/107 (2006.01) C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61K 47/10 (2017.01) A61K 47/18 (2017.01) A61K 47/22 (2006.01) A61K 48/00 (2006.01)</p> <p>[25] EN</p> <p>[54] MICELLAR NANOPARTICLES AND USES THEREOF</p> <p>[54] NANOPARTICULES MICELLAIRES ET UTILISATIONS ASSOCIEES</p> <p>[72] RYU, JIN-HYEON, KR</p> <p>[72] LIM, YU NA, KR</p> <p>[72] MIN, HYUN SU, KR</p> <p>[72] KOH, HAN SEOK, KR</p> <p>[72] KIM, DAE HOON, KR</p> <p>[72] CHO, HYUN-JEONG, KR</p> <p>[71] BIORCHESTRA CO., LTD., KR</p> <p>[85] 2023-05-30</p> <p>[86] 2021-12-30 (PCT/IB2021/062447)</p> <p>[87] (WO2022/144812)</p> <p>[30] US (63/199,470) 2020-12-30</p>

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 - [25] EN
 - [54] ALTIN-CRN-BASED COATING FOR FORMING TOOLS
 - [54] REVETEMENTS A BASE D'NITRURE DE TITANE ET D'ALUMINIUM/NITRURE DE CHROME POUR FORMER DES OUTILS
 - [72] ERIKSSON, ANDERS OLOF, CH
 - [72] KHATIBI, ALI, CH
 - [71] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH
 - [85] 2023-05-30
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 - [87] (WO2022/129590)
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 - [25] EN
 - [54] HOT MELT ADHESIVE COMPOSITION
 - [54] COMPOSITION ADHESIVE THERMOFUSIBLE
 - [72] BELLINI, CLEMENT, FR
 - [71] BOSTIK SA, FR
 - [85] 2023-05-30
 - [86] 2021-12-07 (PCT/EP2021/084526)
 - [87] (WO2022/135901)
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 - [25] EN
 - [54] AIRCRAFT SEATING MODULE
 - [54] MODULE DE SIEGE D'AERONEF
 - [72] HACKER, MARK ROBERT, GB
 - [72] FLORES, CARLOS ROBERTO, US
 - [72] ERICKSON, CHRISTOPHER ERVIN, US
 - [71] THE NORDAM GROUP LLC, US
 - [85] 2023-05-30
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 - [54] DEVICE FOR SENSING A FLUID
 - [54] DISPOSITIF DE DETECTION D'UN FLUIDE
 - [72] SAHIBZADA, JORGEN, SE
 - [71] CALECTRO AB, SE
 - [85] 2023-05-30
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 - [87] (WO2022/123053)
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 - [25] EN
 - [54] CERTAIN CHEMICAL ENTITIES, COMPOSITIONS, AND METHODS
 - [54] ENTITES CHIMIQUES, COMPOSITIONS ET METHODES PARTICULIERES
 - [72] QIAN, XIANGPING, US
 - [71] NEUPHARMA, INC., US
 - [85] 2023-05-30
 - [86] 2021-12-01 (PCT/US2021/061375)
 - [87] (WO2022/119905)
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 - [25] EN
 - [54] AUDIO ENCODING AND DECODING METHOD AND APPARATUS
 - [54] PROCEDE ET APPAREIL DE CODAGE ET DE DECODAGE AUDIO
 - [72] GAO, YUAN, CN
 - [72] LIU, SHUAI, CN
 - [72] WANG, BIN, CN
 - [72] WANG, ZHE, CN
 - [72] QU, TIANSHU, CN
 - [72] XU, JIAHAO, CN
 - [71] HUAWEI TECHNOLOGIES CO., LTD., CN
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 - [25] FR
 - [54] METHOD, INCLUDING A HYDROGENATION STEP, FOR TREATING PLASTIC PYROLYSIS OILS
 - [54] PROCEDE DE TRAITEMENT D'HUILES DE PYROLYSE DE PLASTIQUES INCLUANT UNE ETAPPE D'HYDROGENATION
 - [72] WEISS, WILFRIED, FR
 - [72] DECOTTIGNIES, DOMINIQUE, FR
 - [72] BONNARDOT, JEROME, FR
 - [72] RIBAS SANGUESA, INIGO, ES
 - [72] ESCUDERO CASTEJON, LIDIA, ES
 - [71] IFP ENERGIES NOUVELLES, FR
 - [71] REPSOL S.A., ES
 - [85] 2023-05-30
 - [86] 2021-12-21 (PCT/EP2021/086988)
 - [87] (WO2022/144235)
 - [30] FR (FR2100026) 2021-01-04
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- [25] EN
- [54] DRYING INSTALLATION
- [54] INSTALLATION DE SECHAGE
- [72] JANNACH, HELMUT, AT
- [71] JANNACH, HELMUT, AT
- [85] 2023-05-30
- [86] 2021-12-01 (PCT/AT2021/060458)
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- [30] AT (A51056/2020) 2020-12-03

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 3,200,638 [13] A1</p> <p>[51] Int.Cl. H04W 76/15 (2018.01) H04W 76/19 (2018.01) H04W 76/30 (2018.01) H04W 76/34 (2018.01)</p> <p>[25] EN</p> <p>[54] MULTI-LINK RECONFIGURATION METHOD AND APPARATUS</p> <p>[54] PROCEDE ET APPAREIL DE RECONFIGURATION A LIAISONS MULTIPLES</p> <p>[72] HUANG, GUOGANG, CN</p> <p>[72] GUO, YUCHEN, CN</p> <p>[72] LI, YUNBO, CN</p> <p>[72] GAN, MING, CN</p> <p>[71] HUAWEI TECHNOLOGIES CO., LTD., CN</p> <p>[85] 2023-05-30</p> <p>[86] 2022-01-12 (PCT/CN2022/071673)</p> <p>[87] (WO2022/152184)</p> <p>[30] CN (202110058021.9) 2021-01-15</p> <p>[30] CN (202110713587.0) 2021-06-25</p> <p>[30] CN (202110778961.5) 2021-07-09</p>	<p style="text-align: right;">[21] 3,200,640 [13] A1</p> <p>[51] Int.Cl. A61K 8/44 (2006.01) A61K 8/46 (2006.01) C07C 231/02 (2006.01) C07C 233/47 (2006.01) C07C 303/22 (2006.01) C07C 309/15 (2006.01) C11D 1/10 (2006.01) C11D 1/28 (2006.01) C11D 1/37 (2006.01)</p> <p>[25] EN</p> <p>[54] BLENDS OF N-ACYL ALANINATES AND OTHER N-ACYL AMINO ACID SURFACTANTS AND DERIVATIVES THEREOF</p> <p>[54] MELANGES DE N-ACYL ALANINATES ET D'AUTRES TENSIOACTIFS D'ACIDES AMINES N-ACYLES ET LEURS DERIVES</p> <p>[72] ARREDONDO, VICTOR MANUEL, US</p> <p>[72] NARASIMHAN, KARUNAKARAN, US</p> <p>[72] HUTTON, HOWARD DAVID, III, US</p> <p>[71] THE PROCTER & GAMBLE COMPANY, US</p> <p>[85] 2023-05-30</p> <p>[86] 2022-06-08 (PCT/US2022/072804)</p> <p>[87] (WO2022/261635)</p> <p>[30] US (63/208,012) 2021-06-08</p>	<p style="text-align: right;">[21] 3,200,643 [13] A1</p> <p>[51] Int.Cl. C07C 37/16 (2006.01) C07C 29/17 (2006.01) C07C 29/56 (2006.01) C07C 35/12 (2006.01) C07C 35/18 (2006.01) C07C 39/23 (2006.01) C07D 311/78 (2006.01)</p> <p>[25] EN</p> <p>[54] PROCESS FOR THE ASYMMETRIC SYNTHESIS OF ISOPIPERITENOL</p> <p>[54] PROCEDE DE SYNTHESE ASYMETRIQUE D'ISOPIPERITENOL</p> <p>[72] LIST, BENJAMIN, DE</p> <p>[72] GRIMM, JOYCE, DE</p> <p>[72] ZHOU, HUI, DE</p> <p>[72] LIU, LUPING, US</p> <p>[72] ZWERSCHKE, ALEXANDER, DE</p> <p>[71] STUDIENGESELLSCHAFT KOHLE GGMBH, DE</p> <p>[85] 2023-05-30</p> <p>[86] 2021-12-30 (PCT/EP2021/087886)</p> <p>[87] (WO2022/144436)</p> <p>[30] EP (20217996.6) 2020-12-31</p>
<p style="text-align: right;">[21] 3,200,639 [13] A1</p> <p>[51] Int.Cl. F01D 15/10 (2006.01)</p> <p>[25] FR</p> <p>[54] METHOD FOR STOPPING A GAS TURBINE ENGINE OF A TURBOGENERATOR FOR AIRCRAFT</p> <p>[54] PROCEDE DE MISE A L'ARRET D'UN MOTEUR A TURBINE A GAZ DE TURBOGENERATEUR POUR L'AERONEF</p> <p>[72] MERCIER-CALVAIRAC, FABIEN, FR</p> <p>[72] PARMENTIER, NICOLAS CLAUDE, FR</p> <p>[72] REAL, DENIS ANTOINE JULIEN, FR</p> <p>[71] SAFRAN, FR</p> <p>[71] SAFRAN HELICOPTER ENGINES, FR</p> <p>[71] SAFRAN POWER UNITS, FR</p> <p>[85] 2023-05-30</p> <p>[86] 2021-12-01 (PCT/FR2021/052161)</p> <p>[87] (WO2022/117952)</p> <p>[30] FR (FR2012664) 2020-12-04</p>	<p style="text-align: right;">[21] 3,200,641 [13] A1</p> <p>[51] Int.Cl. H01R 4/58 (2006.01) H01R 4/64 (2006.01) H01R 13/415 (2006.01) H01R 25/14 (2006.01)</p> <p>[25] EN</p> <p>[54] COMPRESSIVE TERMINAL PAD MOUNTING FACE</p> <p>[54] FACE DE MONTAGE DE PLAQUETTE DE BORNE DE COMPRESSION</p> <p>[72] ELLIS, BRIAN ROYAL, US</p> <p>[71] HUBBELL CORPORATION, US</p> <p>[85] 2023-05-30</p> <p>[86] 2021-12-01 (PCT/US2021/061392)</p> <p>[87] (WO2022/119915)</p> <p>[30] US (63/121,423) 2020-12-04</p>	<p style="text-align: right;">[21] 3,200,644 [13] A1</p> <p>[51] Int.Cl. A61K 39/285 (2006.01) A61K 47/18 (2017.01)</p> <p>[25] EN</p> <p>[54] NUCLEIC ACID STABILIZING SOLUTION FOR VACCINES, THERAPY, DIAGNOSTICS, STORAGE, AND TRANSPORT</p> <p>[54] SOLUTION DE STABILISATION D'ACIDE NUCLEIQUE POUR VACCINS, THERAPIE, DIAGNOSTIC, STOCKAGE ET TRANSPORT</p> <p>[72] AGHAJANI, ERIK, US</p> <p>[72] PHILLIPS, JOHN, CA</p> <p>[72] RUDDERMAN, RANDAL, US</p> <p>[72] MULLEN, ROBERT, US</p> <p>[71] DAYKIN MOLECULAR SYSTEMS, LLC, US</p> <p>[85] 2023-05-30</p> <p>[86] 2021-12-03 (PCT/US2021/061696)</p> <p>[87] (WO2022/140038)</p> <p>[30] US (63/130,080) 2020-12-23</p>

PCT Applications Entering the National Phase

[21] 3,200,645

[13] A1

[51] Int.Cl. C11D 1/10 (2006.01)

[25] EN

[54] N-ACYL AMINO ACID SURFACTANTS AND DERIVATIVES THEREOF

[54] TENSIOACTIFS D'ACIDES AMINES N-ACYLES ET LEURS DERIVES

[72] ARREDONDO, VICTOR MANUEL, US

[72] NARASIMHAN, KARUNAKARAN, US

[72] HUTTON, HOWARD DAVID III, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2023-05-30

[86] 2022-06-08 (PCT/US2022/072803)

[87] (WO2022/261634)

[30] US (63/208,011) 2021-06-08

[21] 3,200,646

[13] A1

[51] Int.Cl. E02F 9/28 (2006.01)

[25] EN

[54] RETENTION SYSTEM FOR A WEAR PART FOR A BUCKET FOR AN EARTH MOVING MACHINE

[54] SYSTEME DE RETENUE POUR PIECE D'USURE DE GODET D'UN ENGIN DE TERRASSEMENT

[72] FURRE, ARNOLD, NO

[72] UDAYAKUMAR, ANUOP, NO

[72] PIESSET, JEAN-PIERRE VIDAL, NO

[71] KOMATSU KVX LLC NUF, NO

[85] 2023-05-30

[86] 2022-01-25 (PCT/NO2022/050022)

[87] (WO2022/173306)

[30] NO (20210163) 2021-02-09

[21] 3,200,647

[13] A1

[51] Int.Cl. B29C 63/02 (2006.01)

[25] EN

[54] A DEVICE FOR APPLYING AN ADHESIVE TO A LONGITUDINAL PRODUCT

[54] DISPOSITIF POUR APPLIQUER UN ADHESIF SUR UN PRODUIT LONGITUDINAL

[72] REDMOND, JACK, DK

[71] REDMOND, JACK, DK

[85] 2023-05-30

[86] 2021-12-20 (PCT/DK2021/050376)

[87] (WO2022/135642)

[30] DK (PA 2020 01440) 2020-12-21

[21] 3,200,648

[13] A1

[51] Int.Cl. A61K 9/00 (2006.01) A61K 33/04 (2006.01) A61P 11/00 (2006.01) A61P 31/00 (2006.01)

[25] EN

[54] THERAPEUTIC MATERIAL WITH LOW PH AND LOW TOXICITY ACTIVE AGAINST AT LEAST ONE PATHOGEN FOR ADDRESSING PATIENTS WITH RESPIRATORY ILLNESSES

[54] MATERIAU THERAPEUTIQUE A FAIBLE PH ET FAIBLE TOXICITE, ACTIF CONTRE AU MOINS UN PATHOGENE POUR LA PRISE EN CHARGE DE PATIENTS ATTEINTS DE MALADIES RESPIRATOIRES

[72] BUNDSCUH, PAUL, US

[72] CARLSON, LAWRENCE, US

[72] DOLAN, SHAWN, US

[72] YAKSIC, ANDREW, US

[71] TYGRUS LLC, US

[85] 2023-05-30

[86] 2021-10-21 (PCT/US2021/056001)

[87] (WO2022/119661)

[30] US (63/121,856) 2020-12-04

[30] US (63/144,305) 2021-02-01

[30] US (63/158,864) 2021-03-09

[30] US (PCT/US2021/030429) 2021-05-03

[30] US (63/220,441) 2021-07-09

[21] 3,200,649

[13] A1

[51] Int.Cl. C07D 495/22 (2006.01) A61K 31/4743 (2006.01) A61K 31/4745 (2006.01) C07D 491/22 (2006.01)

[25] EN

[54] NOVEL CAMPTOTHECIN DERIVATIVE, COMPOSITION CONTAINING SAME, AND USE THEREOF

[54] NOUVEAU DERIVE DE CAMPTOTHECINE, COMPOSITION LE CONTENANT ET SON UTILISATION

[72] XIE, YULI, CN

[72] CAO, GANG, CN

[72] FAN, HOUXING, CN

[72] QIAN, LIHUI, CN

[71] WIGEN BIOMEDICINE TECHNOLOGY (SHANGHAI) CO., LTD., CN

[85] 2023-05-30

[86] 2021-12-09 (PCT/CN2021/136769)

[87] (WO2022/121981)

[30] CN (202011463704.4) 2020-12-11

[21] 3,200,650

[13] A1

[51] Int.Cl. G06Q 10/00 (2023.01)

[25] EN

[54] COMPUTING DEVICE AND METHOD FOR DETERMINING AND PROVIDING RATINGS OF THE SKILLS OF A CONTRACTOR

[54] DISPOSITIF INFORMATIQUE ET PROCEDE POUR DETERMINER ET FOURNIR DES INDICES DE COMPETENCES D'UN ENTREPRENEUR

[72] STUART, PAUL G., US

[72] DROUHARD, DANIEL E., US

[72] MITCHELL, BRENT, US

[71] SKILLED PRO ALLIANCE, LLC, US

[85] 2023-05-30

[86] 2021-11-29 (PCT/US2021/060926)

[87] (WO2022/115670)

[30] US (63/119,077) 2020-11-30

[21] 3,200,651

[13] A1

[51] Int.Cl. A61K 31/05 (2006.01)

[25] EN

[54] ANTIINFLAMMATORY COMPOSITIONS COMPRISING CANNABIDIOL, DELTA-9-TETRAHYDROCANNABINOL AND LINALOOL

[54] COMPOSITIONS ANTI-INFLAMMATOIRES COMPRENANT DU CANNABIDIOL, DU DELTA-9-TETRAHYDROCANNABINOL ET DU LINALOOL

[72] HARDY, JOEL ERNEST GEORGE, AU

[72] PETTINGER, SIMON KENNETH, AU

[72] MONTGOMERY, JOHN, AU

[72] TURNER, MATTHEW, AU

[71] CYMRA LIFE SCIENCES LIMITED, AU

[85] 2023-05-30

[86] 2021-12-06 (PCT/AU2021/051454)

[87] (WO2022/115921)

[30] AU (2020904491) 2020-12-04

Demandes PCT entrant en phase nationale

[21] **3,200,652**

[13] A1

[51] Int.Cl. C07K 16/28 (2006.01) A61P
35/02 (2006.01)

[25] EN

[54] DEVELOPMENT AND
APPLICATION OF T-CELL
ENGAGER THERAPEUTIC
AGENT

[54] DEVELOPPEMENT ET
UTILISATION D'UN AGENT
THERAPEUTIQUE
D'ACTIVATION DE
LYMPHOCYTES T

[72] CHEN, BO, CN

[72] XU, GANG, CN

[72] WANG, YING, CN

[71] KEYMED BIOSCIENCES CO., LTD,
CN

[85] 2023-05-30

[86] 2021-12-02 (PCT/CN2021/135121)

[87] (WO2022/117045)

[30] CN (202011402180.8) 2020-12-02

[21] **3,200,653**

[13] A1

[51] Int.Cl. C01B 33/158 (2006.01)

[25] EN

[54] VERTICALLY INTEGRATED
MANUFACTURING OF SILICA
AEROGELS FROM VARIOUS
SILICA SOURCES

[54] FABRICATION INTEGREE
VERTICALEMENT D'AEROGELS
DE SILICE A PARTIR DE
DIVERSES SOURCES DE SILICE

[72] DE POOTER, STEVE, BE

[72] STEINER, STEPHENA. III, US

[72] GRIFFIN, JUSTIN S., US

[71] AEROBEL BV, BE

[85] 2023-05-30

[86] 2021-12-01 (PCT/EP2021/083714)

[87] (WO2022/117618)

[30] US (63/119,801) 2020-12-01

[21] **3,200,654**

[13] A1

[51] Int.Cl. B29C 44/50 (2006.01) B29C
48/00 (2019.01) B29C 48/06 (2019.01)
B29C 48/07 (2019.01) B29C 48/305
(2019.01) B29C 48/31 (2019.01) B29C
48/90 (2019.01) B29C 48/92 (2019.01)

[25] EN

[54] FOAM FORMING DEVICE AND
FOAM EXTRUSION APPARATUS

[54] DISPOSITIF DE FORMATION DE
MOUSSE ET APPAREIL
D'EXTRUSION DE MOUSSE

[72] VAN LUCK, FRANK, DE

[71] VAN LUCK, FRANK, DE

[85] 2023-05-30

[86] 2021-11-27 (PCT/EP2021/083261)

[87] (WO2022/122428)

[30] DE (10 2020 215 683.2) 2020-12-10

[21] **3,200,690**

[13] A1

[51] Int.Cl. C03C 23/00 (2006.01)

[25] EN

[54] METHOD FOR ERASING A
LASER-INDUCED MARKING OF
GLASS SHEETS AS WELL AS
METHOD AND DEVICES FOR
MARKING AND UNMARKING
GLASS SHEETS, PREFERABLY
BASIC GLASS SHEETS,
PREFERABLY FLOAT GLASS
SHEET

[54] PROCEDE D'EFFACEMENT D'UN
MARQUAGE LASER DE PLAQUES
DE VERRE ET PROCEDE ET
APPAREIL DE MARQUAGE ET DE
DEMARQUAGE DE PLAQUES DE
VERRE, DE PREFERENCE DE
PLAQUES DE VERRE DE BASE,
DE PREFERENCE ENCORE DE
PLAQUES DE VERRE FLOTT

[72] RAINER, THOMAS, DE

[71] HEGLA BORAIDENT GMBH & CO.
KG, DE

[85] 2023-05-31

[86] 2021-11-03 (PCT/EP2021/080482)

[87] (WO2022/117271)

[30] DE (10 2020 215 234.9) 2020-12-02

[21] **3,200,704**

[13] A1

[51] Int.Cl. C07D 513/20 (2006.01) C07D
513/22 (2006.01)

[25] EN

[54] MACROCYCLIC BRANCHED 3-
FLUORO-BUT-3-ENAMIDES AS
INHIBITORS OF MCL-1

[54] 3-FLUORO-BUT-3-ENAMIDES
RAMIFIES MACROCYCLIQUES
UTILISES COMME INHIBITEURS
DE MCL-1

[72] HSIAO, MENG-YANG, BE

[72] JERHAOUI, SOUFYAN, BE

[72] ROMBOUTS, FREDERIK JAN RITA,
BE

[72] SURKYN, MICHEL, BE

[72] JOUFFROY, MATTHIEU
DOMINIQUE, BE

[71] JANSEN PHARMACEUTICA NV,
BE

[85] 2023-05-31

[86] 2021-12-16 (PCT/EP2021/086192)

[87] (WO2022/129331)

[30] EP (20214807.8) 2020-12-17

[21] **3,200,705**

[13] A1

[51] Int.Cl. C07K 16/22 (2006.01) A61P
1/16 (2006.01) A61P 3/10 (2006.01)
A61P 9/10 (2006.01) A61P 9/12
(2006.01) A61P 13/12 (2006.01) A61P
19/02 (2006.01) A61P 27/06 (2006.01)

[25] EN

[54] PHARMACEUTICAL
COMPOSITION COMPRISING
ANTI-CONNECTIVE TISSUE
GROWTH FACTOR ANTIBODY

[54] COMPOSITION
PHARMACEUTIQUE
COMPRENANT UN ANTICORPS
ANTI-FACTEUR DE CROISSANCE
DU TISSU CONJONCTIF

[72] MA, XIAZHEN, CN

[72] WU, TINGTING, CN

[72] LIU, XUN, CN

[71] JIANGSU HENGRI

PHARMACEUTICALS CO., LTD., CN

[71] SHANGHAI HENGRI

PHARMACEUTICAL CO., LTD., CN

[85] 2023-05-31

[86] 2021-12-03 (PCT/CN2021/135203)

[87] (WO2022/117060)

[30] CN (202011405490.5) 2020-12-03

[30] CN (202111366667.X) 2021-11-18

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 3,200,722</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A61K 31/381 (2006.01) A61P 35/00 (2006.01) C07D 417/00 (2006.01)</p> <p>[25] EN</p> <p>[54] HETEROARYL-ACETYLENES, PHARMACEUTICAL COMPOSITIONS THEREOF, AND THEIR THERAPEUTIC APPLICATIONS</p> <p>[54] HETEROARYLE-ACETYLENES, COMPOSITIONS PHARMACEUTIQUES DE CEUX-CI ET LEURS APPLICATIONS THERAPEUTIQUES</p> <p>[72] CAO, SHELDON, US</p> <p>[72] HUANG, CHAORAN, US</p> <p>[72] WANG, XIAOLEI, CN</p> <p>[71] EUBULUS BIOTHERAPEUTICS INC., CN</p> <p>[85] 2023-05-31</p> <p>[86] 2021-12-03 (PCT/CN2021/135247)</p> <p>[87] (WO2022/117064)</p> <p>[30] US (63/121,300) 2020-12-04</p>	<p style="text-align: right;">[21] 3,200,733</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. F16L 3/23 (2006.01)</p> <p>[25] EN</p> <p>[54] A PIPE FRAME</p> <p>[54] CADRE POUR TUBES</p> <p>[72] PRICE, WADE, AU</p> <p>[72] SIMMONS, WILLIAM, AU</p> <p>[72] LINDSAY, DERMOT, AU</p> <p>[71] EARTHECO GLOBAL PTY LTD, AU</p> <p>[85] 2023-05-31</p> <p>[86] 2021-12-06 (PCT/AU2021/051456)</p> <p>[87] (WO2022/120415)</p> <p>[30] AU (2020904548) 2020-12-08</p>	<p style="text-align: right;">[21] 3,200,738</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G01S 7/4915 (2020.01) G01S 17/32 (2020.01) G01S 17/58 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD AND SYSTEM FOR SIMULTANEOUS DETECTION OF SIGNED DOPPLER SHIFTS AND RANGE MEASUREMENTS</p> <p>[54] PROCEDE ET SYSTEME DE DETECTION SIMULTANEE DE DECALAGES DOPPLER SIGNES ET DE MESURES DE DISTANCE</p> <p>[72] HERZOG, KYZYL, CA</p> <p>[72] BOWDEN, WILLIAM, CA</p> <p>[72] MADISON, KIRK W., CA</p> <p>[71] ILLUSENSE, INC., CA</p> <p>[85] 2023-05-31</p> <p>[86] 2021-12-07 (PCT/US2021/062096)</p> <p>[87] (WO2022/125481)</p> <p>[30] US (63/122,897) 2020-12-08</p> <p>[30] US (63/229,802) 2021-08-05</p> <p>[30] US (63/192,286) 2021-05-24</p>
<p style="text-align: right;">[21] 3,200,731</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G06F 9/445 (2018.01) G06F 8/65 (2018.01) G06F 8/71 (2018.01)</p> <p>[25] EN</p> <p>[54] UPDATING CONFIGURATION DATA IN A CONTENT DELIVERY NETWORK</p> <p>[54] MISE A JOUR DE DONNEES DE CONFIGURATION DANS UN RESEAU DE DISTRIBUTION DE CONTENU</p> <p>[72] CROWDER, WILLIAM, US</p> <p>[71] LEVEL 3 COMMUNICATIONS, LLC, US</p> <p>[85] 2023-05-31</p> <p>[86] 2021-05-14 (PCT/US2021/032574)</p> <p>[87] (WO2022/125140)</p> <p>[30] US (63/122,376) 2020-12-07</p>	<p style="text-align: right;">[21] 3,200,735</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B65D 3/04 (2006.01) B65D 3/22 (2006.01) B65D 3/26 (2006.01) B65D 5/32 (2006.01)</p> <p>[25] EN</p> <p>[54] PAPER BASED CONTAINER FOR HOUSEHOLD PRODUCTS</p> <p>[54] CONTENANT A BASE DE PAPIER POUR PRODUITS MENAGERS</p> <p>[72] HOEFTE, PAULUS ANTONIUS AUGUSTINUS, BE</p> <p>[72] BROOKS, LOGAN TAYLOR, US</p> <p>[72] WALBURGER, KASSANDRA, US</p> <p>[71] THE PROCTER & GAMBLE COMPANY, US</p> <p>[85] 2023-05-31</p> <p>[86] 2022-02-22 (PCT/US2022/070757)</p> <p>[87] (WO2022/178553)</p> <p>[30] EP (21158331.5) 2021-02-22</p>	<p style="text-align: right;">[21] 3,200,739</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B65D 3/04 (2006.01) B65D 3/22 (2006.01) B65D 3/26 (2006.01) B65D 5/32 (2006.01)</p> <p>[25] EN</p> <p>[54] PAPER BASED CONTAINER FOR HOUSEHOLD PRODUCTS</p> <p>[54] RECIPIENT A BASE DE PAPIER POUR PRODUITS MENAGERS</p> <p>[72] BROOKS, LOGAN TAYLOR, US</p> <p>[72] WALBURGER, KASSANDRA, US</p> <p>[72] HOEFTE, PAULUS ANTONIUS AUGUSTINUS, BE</p> <p>[71] THE PROCTER & GAMBLE COMPANY, US</p> <p>[85] 2023-05-31</p> <p>[86] 2022-02-22 (PCT/US2022/070756)</p> <p>[87] (WO2022/178552)</p> <p>[30] EP (21158329.9) 2021-02-22</p>
	<p style="text-align: right;">[21] 3,200,737</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. C08F 110/06 (2006.01) C08J 5/22 (2006.01) C08L 23/12 (2006.01)</p> <p>[25] EN</p> <p>[54] POLYPROPYLENE POLYMER FOR PRODUCING BIAXIALLY ORIENTED FILMS AND OTHER ARTICLES</p> <p>[54] POLYMER DE POLYPROPYLENE POUR LA PRODUCTION DE FILMS ORIENTES BIAXIALEMENT ET D'AUTRES ARTICLES</p> <p>[72] VAN EGMOND, JAN W., US</p> <p>[71] W.R. GRACE & CO.-CONN., US</p> <p>[85] 2023-05-31</p> <p>[86] 2021-11-30 (PCT/US2021/061246)</p> <p>[87] (WO2022/125336)</p> <p>[30] US (63/122,134) 2020-12-07</p>	

Demandes PCT entrant en phase nationale

<p>[21] 3,200,740 [13] A1</p> <p>[51] Int.Cl. G02C 7/04 (2006.01) G02C 7/06 (2006.01)</p> <p>[25] EN</p> <p>[54] A LENS SYSTEM FOR CONTROLLING ANISOMETROPIA AND A METHOD THEREOF</p> <p>[54] SYSTEME DE LENTILLE POUR EQUILIBRER L'ANISOMETROPIE ET SON PROCEDE</p> <p>[72] GOTTHILF-NEZRI, DANA MARGIT, IL</p> <p>[72] GLESER, LIRON, IL</p> <p>[71] SHAMIR OPTICAL INDUSTRY LTD., IL</p> <p>[85] 2023-05-31</p> <p>[86] 2021-12-06 (PCT/IL2021/051448)</p> <p>[87] (WO2022/130369)</p> <p>[30] IL (279439) 2020-12-14</p>

<p>[21] 3,200,741 [13] A1</p> <p>[51] Int.Cl. A61K 31/7105 (2006.01) A61K 35/17 (2015.01) A61K 31/713 (2006.01) A61K 35/12 (2015.01) A61K 35/407 (2015.01) A61K 39/00 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01) C12N 5/10 (2006.01) C12N 15/11 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS FOR ENHANCING THERAPEUTIC EFFICACY OF ISOLATED CELLS FOR CELL THERAPY</p> <p>[54] METHODES D'AMELIORATION DE L'EFFICACITE THERAPEUTIQUE DE CELLULES ISOLEES POUR LA THERAPIE CELLULAIRE</p> <p>[72] ZURR, DANIEL, IL</p> <p>[72] KALINSKI, HAGAR, IL</p> <p>[72] FEINSTEIN, ELENA, IL</p> <p>[71] LEPTON PHARMACEUTICALS LTD., IL</p> <p>[85] 2023-05-31</p> <p>[86] 2021-12-01 (PCT/IL2021/051426)</p> <p>[87] (WO2022/118310)</p> <p>[30] US (63/119,708) 2020-12-01</p>

<p>[21] 3,200,742 [13] A1</p> <p>[51] Int.Cl. G06F 21/57 (2013.01) G06Q 20/40 (2012.01) G06N 20/00 (2019.01)</p> <p>[25] EN</p> <p>[54] GENERATING A FRAUD RISK SCORE FOR A THIRD PARTY PROVIDER TRANSACTION</p> <p>[54] GENERATION D'UN SCORE DE RISQUE DE FRAUDE POUR UNE TRANSACTION DE FOURNISSEUR TIERS</p> <p>[72] HEARTY, JOHN, CA</p> <p>[72] LAPTEV, ANTON, CA</p> <p>[71] MASTERCARD TECHNOLOGIES CANADA ULC, CA</p> <p>[85] 2023-05-31</p> <p>[86] 2021-11-30 (PCT/CA2021/051706)</p> <p>[87] (WO2022/115942)</p> <p>[30] US (63/119,760) 2020-12-01</p>
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<p>[21] 3,200,745 [13] A1</p> <p>[51] Int.Cl. A61B 5/00 (2006.01) G16H 40/67 (2018.01) G16H 50/30 (2018.01) A61B 5/0205 (2006.01) A61B 5/021 (2006.01) A61B 5/024 (2006.01) A61B 5/026 (2006.01) A61B 5/08 (2006.01)</p> <p>[25] EN</p> <p>[54] VITAL SIGNS MONITORING DEVICE</p> <p>[54] DISPOSITIF DE SURVEILLANCE DE SIGNES VITAUX</p> <p>[72] HETLING, MATS, NO</p> <p>[72] RANDEBERG, LISE LYNGSNES, NO</p> <p>[72] DITLEFSEN, ROBERT, NO</p> <p>[72] ABSJORMSLETT, EMIL, NO</p> <p>[72] SELLESBAKK, ROLF, NO</p> <p>[72] BONNEMaire, GREGOIRE, NO</p> <p>[71] NORDIQ PRODUCTS AS, NO</p> <p>[85] 2023-05-31</p> <p>[86] 2021-12-21 (PCT/EP2021/087099)</p> <p>[87] (WO2022/136438)</p> <p>[30] GB (2020294.1) 2020-12-21</p>

<p>[21] 3,200,746 [13] A1</p> <p>[51] Int.Cl. G21C 3/07 (2006.01) G21C 1/32 (2006.01) G21C 15/08 (2006.01) G21C 15/257 (2006.01)</p> <p>[25] EN</p> <p>[54] FUEL PELLETS/COMPACTS SURROUNDED BY BERYLLIUM- BASED (BE OR BEO OR BE2C) SLEEVE FOR USE IN A MICRO- REACTOR</p> <p>[54] PASTILLES/COMPACTS DE COMBUSTIBLE ENTOUREES PAR UNE ENVELOPPE A BASE DE BERYLLIUM (BE OU BEO OU BE2C) DESTINES A ETRE UTILISES DANS UN MICRO- REACTEUR</p> <p>[72] LEVINSKY, ALEX, US</p> <p>[71] WESTINGHOUSE ELECTRIC COMPANY LLC, US</p> <p>[85] 2023-05-31</p> <p>[86] 2021-11-30 (PCT/US2021/072638)</p> <p>[87] (WO2022/120331)</p> <p>[30] US (17/108,602) 2020-12-01</p>

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<p>[21] 3,200,748 [13] A1</p> <p>[51] Int.Cl. C11D 1/62 (2006.01)</p> <p>[25] EN</p> <p>[54] FABRIC CARE COMPOSITION WITH DELIVERY PARTICLES</p> <p>[54] COMPOSITION POUR L'ENTRETIEN DES TISSUS COMPRENANT DES PARTICULES DE DISTRIBUTION</p> <p>[72] FERNANDEZ-PRIETO, SUSANA, BE</p> <p>[72] TAHLON, CEDRIC MARC, BE</p> <p>[72] SMETS, JOHAN, BE</p> <p>[72] FENG, LINSHENG, US</p> <p>[71] THE PROCTER & GAMBLE COMPANY, US</p> <p>[85] 2023-05-31</p> <p>[86] 2022-08-10 (PCT/US2022/039888)</p> <p>[87] (WO2023/018751)</p> <p>[30] US (63/231,771) 2021-08-11</p>

<p>[21] 3,200,750 [13] A1</p> <p>[51] Int.Cl. A61K 51/04 (2006.01) C07D 257/08 (2006.01)</p> <p>[25] EN</p> <p>[54] PRETARGETING IMAGING AGENTS</p> <p>[54] AGENTS D'IMAGERIE DE PRECIBLAGE</p> <p>[72] CAGNOLINI, ALDO, US</p> <p>[72] HOYE, ADAM THOMAS, US</p> <p>[72] LI, XIMIN, US</p> <p>[72] WRIGHT, JUSTIN PATRICK, US</p> <p>[72] XIONG, HUI, US</p> <p>[71] ELI LILLY AND COMPANY, US</p> <p>[85] 2023-05-31</p> <p>[86] 2021-12-15 (PCT/US2021/063552)</p> <p>[87] (WO2022/132924)</p> <p>[30] US (63/126,100) 2020-12-16</p> <p>[30] US (63/166,484) 2021-03-26</p>

<p>[21] 3,200,751 [13] A1</p> <p>[51] Int.Cl. H04W 36/00 (2009.01)</p> <p>[25] EN</p> <p>[54] METHOD AND APPARATUS FOR PERFORMING HANDOVER PROCEDURE</p> <p>[54] PROCEDE ET APPAREIL D'EXECUTION DE PROCEDURE DE TRANSFERT INTERCELLULAIRE</p> <p>[72] YAN, LE, CN</p> <p>[72] DAI, MINGZENG, CN</p> <p>[72] ZHANG, CONGCHI, CN</p> <p>[72] WU, LIANHAI, CN</p> <p>[72] WANG, HAIMING, CN</p> <p>[71] LENOVO (BEIJING) LIMITED, CN</p> <p>[85] 2023-05-31</p> <p>[86] 2020-12-31 (PCT/CN2020/142318)</p> <p>[87] (WO2022/141470)</p>
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<p>[21] 3,200,754 [13] A1</p> <p>[51] Int.Cl. A61K 8/92 (2006.01) A61Q 13/00 (2006.01) C11D 7/32 (2006.01)</p> <p>[25] EN</p> <p>[54] LIQUID TREATMENT COMPOSITIONS COMPRISING DELIVERY PARTICLES BASED ON PLANT ROSIN MATERIAL</p> <p>[54] COMPOSITIONS DE TRAITEMENT LIQUIDE COMPRENANT DES PARTICULES D'ADMINISTRATION A BASE DE MATIERE DE COLOPHANE VEGETALE</p> <p>[72] COLLU, MATTIA, BE</p> <p>[72] TAHLON, CEDRIC MARC, BE</p> <p>[72] SMETS, JOHAN, BE</p> <p>[71] THE PROCTER & GAMBLE COMPANY, US</p> <p>[85] 2023-05-31</p> <p>[86] 2021-12-14 (PCT/US2021/072888)</p> <p>[87] (WO2022/133423)</p> <p>[30] US (63/125,986) 2020-12-16</p>
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<p>[21] 3,200,753 [13] A1</p> <p>[51] Int.Cl. A61K 31/445 (2006.01) A61K 9/00 (2006.01) A61K 9/10 (2006.01) A61K 33/30 (2006.01) A61K 47/10 (2017.01) A61K 47/26 (2006.01) A61K 47/38 (2006.01) A61P 37/08 (2006.01)</p> <p>[25] EN</p> <p>[54] A COMPOSITION COMPRISING FEXOFENADINE</p> <p>[54] COMPOSITION COMPRENANT DE LA FEXOFENADINE</p> <p>[72] KANDULA, MAHESH, IN</p> <p>[71] AVACA PHARMA PRIVATE LIMITED, IN</p> <p>[85] 2023-05-31</p> <p>[86] 2021-12-10 (PCT/IB2021/061561)</p> <p>[87] (WO2022/123511)</p> <p>[30] IN (202041053990) 2020-12-11</p> <p>[30] IN (202041055352) 2020-12-19</p> <p>[30] IN (202141048442) 2021-10-24</p>

<p>[21] 3,200,755 [13] A1</p> <p>[51] Int.Cl. A61K 9/20 (2006.01) A61K 31/4045 (2006.01) A61K 31/426 (2006.01) A61K 31/445 (2006.01)</p> <p>[25] EN</p> <p>[54] A PHARMACEUTICAL COMPOSITION COMPRISING FEXOFENADINE, FAMOTIDINE AND MELATONIN</p> <p>[54] COMPOSITION PHARMACEUTIQUE COMPRENANT DE LA FEXOFENADINE, DE LA FAMOTIDINE ET DE LA MELATONINE</p> <p>[72] KANDULA, MAHESH, IN</p> <p>[71] AVACA PHARMA PRIVATE LIMITED, IN</p> <p>[85] 2023-05-31</p> <p>[86] 2021-09-02 (PCT/IB2021/057998)</p> <p>[87] (WO2022/130040)</p> <p>[30] IN (202041055350) 2020-12-19</p> <p>[30] IN (202141003284) 2021-01-23</p> <p>[30] IN (202141006680) 2021-02-17</p> <p>[30] IN (202141016620) 2021-04-08</p>
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[21] **3,200,756**
[13] A1

[51] Int.Cl. C02F 1/50 (2006.01) G06Q 50/06 (2012.01) C02F 1/00 (2006.01)
[25] EN
[54] METHOD AND SYSTEM FOR WATER INTEGRITY CONTROL
[54] PROCEDE ET SYSTEME DE CONTROLE DE L'INTEGRITE DE L'EAU
[72] SHUBAT, JAMES, CA
[72] VANBECKEVOORT, ELS, CA
[72] FEYEN, LUDO, BE
[71] SPI TECHNOLOGY LTD., CA
[85] 2023-05-31
[86] 2021-12-06 (PCT/CA2021/051740)
[87] (WO2022/115969)
[30] US (63/121,317) 2020-12-04

[21] **3,200,758**
[13] A1

[51] Int.Cl. C07D 498/22 (2006.01)
[25] EN
[54] BRANCHED MACROCYCLIC 4-(PYRAZOL-5-YL)-INDOLE DERIVATIVES AS INHIBITORS OF MCL-1
[54] DERIVES DE 4-(PYRAZOL-5-YL)-INDOLE MACROCYCLIQUES RAMIFIES UTILISES EN TANT QU'INHIBITEURS DE MCL-1
[72] ROMBOUTS, FREDERIK JAN RITA, BE
[72] VELTER, ADRIANA-INGRID, BE
[72] BUIJNSTERS, PETRUS JACOBUS JOHANNES ANTONIUS, BE
[72] FERRER CABRERA, SOFIA, BE
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2023-05-31
[86] 2021-12-16 (PCT/EP2021/086195)
[87] (WO2022/129333)
[30] EP (20214811.0) 2020-12-17

[21] **3,200,759**
[13] A1

[51] Int.Cl. B01D 3/00 (2006.01) C01B 32/50 (2017.01) B01D 3/14 (2006.01) B01D 53/14 (2006.01) C07C 7/04 (2006.01) C07C 29/80 (2006.01) C10K 1/00 (2006.01) C10K 1/08 (2006.01) F25J 3/02 (2006.01)
[25] EN
[54] METHOD AND SYSTEM FOR RECYCLING OF DISTILLATION ENERGY IN PLANTS WITH CO₂ IMPORT FROM CARBON CAPTURE
[54] PROCEDE ET SYSTEME DE RECYCLAGE D'ENERGIE DE DISTILLATION DANS DES INSTALLATIONS AVEC IMPORTATION DE CO₂ PROVENANT DE LA CAPTURE DU CARBONE
[72] TJARNEHOV, EMIL ANDREAS, SE
[71] TOPSOE A/S, DK
[85] 2023-05-31
[86] 2022-01-12 (PCT/EP2022/050541)
[87] (WO2022/152749)
[30] EP (21151426.0) 2021-01-13

[21] **3,200,760**
[13] A1

[51] Int.Cl. G02B 6/136 (2006.01)
[25] EN
[54] LOW SCATTERING LOSS HIGH TEMPERATURE STABLE FIBER BRAGG GRATING SENSOR BASED ON MICROPOROUS FORMATION AND METHOD FOR PRODUCING SAME
[54] CAPTEUR A RESEAU DE BRAGG DE FIBRE STABLE A HAUTE TEMPERATURE A FAIBLE PERTE DE DIFFUSION BASE SUR FORMATION DE MICROPORÉ ET SON PROCEDE DE FABRICATION
[72] HNATOVSKY, CYRIL, CA
[72] ABDUKERIM, NURMEMET, CA
[72] GROBNIC, DAN, CA
[72] WALKER, ROBERT, CA
[72] MIHAIOV, STEPHEN, CA
[72] LU, PING, CA
[72] DING, HUIMIN, CA
[72] COULAS, DAVID, CA
[72] DE SILVA, KASTHURI, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2023-05-31
[86] 2020-12-04 (PCT/IB2020/061551)
[87] (WO2022/118062)

[21] **3,200,761**
[13] A1

[51] Int.Cl. F25J 3/04 (2006.01)
[25] EN
[54] DEVICE FOR SEPARATING AIR BY CRYOGENIC DISTILLATION
[54] APPAREIL DE SEPARATION D'AIR PAR DISTILLATION CRYOGENIQUE
[72] DAVIDIAN, BENOIT, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2023-05-31
[86] 2021-12-02 (PCT/EP2021/084002)
[87] (WO2022/117741)
[30] FR (FR2012564) 2020-12-02

[21] **3,200,762**
[13] A1

[51] Int.Cl. E04B 1/342 (2006.01) E04B 1/348 (2006.01)
[25] EN
[54] RETICULATED STEREO OCTAHEDRAL MODULE FOR THE CONSTRUCTION OF BUILDINGS
[54] MODULE STEREO RETICULE OCTAEDRIQUE POUR LA CONSTRUCTION DE BATIMENTS
[72] RODRIGUEZ SAJEDA, OSVALDO NESTOR, AR
[71] BRIE, SEBASTIAN JOSE, AR
[71] DIAZ BRIE, MIGUEL, MX
[71] RODRIGUEZ SAJEDA, OSVALDO NESTOR, AR
[85] 2023-05-31
[86] 2021-12-02 (PCT/MX2021/050082)
[87] (WO2022/119434)
[30] AR (P20200103382) 2020-12-03

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[21] **3,200,763**
[13] A1
[51] Int.Cl. C12N 15/10 (2006.01)
[25] EN
[54] CRISPR/CAS SCREENING SYSTEM MATERIALS AND METHODS
[54] MATERIAUX ET PROCEDES DE SYSTEME DE CRIBLAGE DE CRISPR/CAS
[72] FRODIN, MORTEN, DK
[72] NIU, YIYUAN, DK
[72] AZEVEDO, FERREIRA A.
CATARINA, DK
[72] SORENSEN, CLAUS STORGAARD,
DK
[71] UNIVERSITY OF COPENHAGEN,
DK
[85] 2023-05-31
[86] 2021-12-03 (PCT/EP2021/084213)
[87] (WO2022/117839)
[30] EP (20211801.4) 2020-12-04

[21] **3,200,765**
[13] A1
[51] Int.Cl. C12Q 1/6827 (2018.01)
[25] EN
[54] MULTIPLEXED METHOD FOR ASSESSING GLOBAL OR GENOMIC LOCUS-SPECIFIC LEVELS OF CHROMATIN MODIFICATION
[54] PROCEDE MULTIPLEXE POUR EVALUER DES NIVEAUX SPECIFIQUES AU LOCUS GLOBAUX OU GENOMIQUES DE LA MODIFICATION DE LA CHROMATINE
[72] ELSASSER, SIMON, SE
[71] EPIGENICA AB, SE
[85] 2023-05-31
[86] 2021-12-02 (PCT/EP2021/084023)
[87] (WO2022/117749)
[30] EP (20211177.9) 2020-12-02

[21] **3,200,767**
[13] A1
[51] Int.Cl. C07K 16/24 (2006.01)
[25] EN
[54] ANTI-TSLP ANTIBODY PHARMACEUTICAL COMPOSITION AND USE THEREOF
[54] COMPOSITION PHARMACEUTIQUE D'ANTICORPS ANTI-TSLP ET SON UTILISATION
[72] WANG, ZHIWAN, CN
[72] WU, TINGTING, CN
[72] LIU, XUN, CN
[71] JIANGSU HENGRI
PHARMACEUTICALS CO., LTD., CN
[71] SHANGHAI HENGRI
PHARMACEUTICAL CO., LTD, CN
[85] 2023-05-31
[86] 2021-11-22 (PCT/CN2021/132037)
[87] (WO2022/116858)
[30] CN (202011405207.9) 2020-12-03

[21] **3,200,764**
[13] A1
[51] Int.Cl. E21B 7/00 (2006.01) E21C 37/00 (2006.01) E21D 9/10 (2006.01)
[25] EN
[54] TUNNELING AND MINING METHOD USING PRE-CONDITIONED HOLE PATTERN
[54] PROCEDE DE FORAGE EN TUNNEL ET D'EXPLOITATION MINIERE A L'AIDE D'UNE MAILLE DE SONDAGE PRE-CONDITIONNEE
[72] RUSSELL, MARK C., US
[72] RUSSELL, CHARLES T., US
[71] HYPERSCIENCES, INC., US
[85] 2023-05-31
[86] 2021-12-01 (PCT/US2021/072669)
[87] (WO2022/120347)
[30] US (63/120,108) 2020-12-01
[30] US (17/457,007) 2021-11-30
[30] US (17/445,168) 2021-08-16

[21] **3,200,766**
[13] A1
[51] Int.Cl. E02F 9/28 (2006.01) F16B 1/00 (2006.01)
[25] EN
[54] A SECURING DEVICE
[54] DISPOSITIF DE FIXATION
[72] UNDERWOOD, PERRY JOHN, AU
[71] HOT SPOT HOLDINGS PTY LTD, AU
[85] 2023-05-31
[86] 2021-12-02 (PCT/AU2021/051439)
[87] (WO2022/115912)
[30] AU (2020904469) 2020-12-02
[30] AU (2020904478) 2020-12-03

[21] **3,200,768**
[13] A1
[51] Int.Cl. A61K 31/7088 (2006.01) A61K 47/68 (2017.01) A61K 31/713 (2006.01) A61P 21/00 (2006.01)
[25] EN
[54] ANTIBODY-OLIGONUCLEOTIDE COMPLEXES AND USES THEREOF
[54] COMPLEXES ANTICORPS- OLIGONUCLEOTIDE ET UTILISATIONS ASSOCIEES
[72] HILDERBRAND, SCOTT, US
[72] NAJIM, JOHN, US
[72] QIU, QIFENG, US
[72] VIEIRA, BENJAMIN, US
[72] WEEDEN, TIMOTHY, US
[72] SPRING, SEAN, US
[71] DYNE THERAPEUTICS, INC., US
[85] 2023-05-31
[86] 2021-12-03 (PCT/US2021/061748)
[87] (WO2022/120132)
[30] US (63/121,573) 2020-12-04

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<p>[21] 3,200,769 [13] A1</p> <p>[51] Int.Cl. A47C 23/00 (2006.01) A47C 27/04 (2006.01) A47C 27/06 (2006.01) B65B 63/02 (2006.01)</p> <p>[25] EN</p> <p>[54] ZONED SPRING MATTRESS AND PACKAGING METHOD THEREFOR</p> <p>[54] MATELAS A RESSORTS DIVISES ET PROCEDE D'EMBALLAGE ASSOCIE</p> <p>[72] LEE, DONGYOUNG, KR [71] ZINUS INC., KR [85] 2023-05-31 [86] 2021-07-21 (PCT/CN2021/107533) [87] (WO2022/116557) [30] CN (202011393165.1) 2020-12-03 [30] CN (202022859864.2) 2020-12-03</p>

<p>[21] 3,200,770 [13] A1</p> <p>[51] Int.Cl. C12N 5/0783 (2010.01) C12N 5/10 (2006.01) G01N 33/577 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS AND REAGENTS FOR CHARACTERIZING CAR T CELLS FOR THERAPIES</p> <p>[54] PROCEDES ET REACTIFS POUR CARACTERISER DES LYMPHOCYTES CAR-T POUR DES THERAPIES</p> <p>[72] SEU, LILLIAN, US [72] GEE, MELANIE L., US [72] BOWEN, MICHAEL A., US [71] ALLOGENE THERAPEUTICS, INC., US [85] 2023-05-31 [86] 2021-12-14 (PCT/US2021/063245) [87] (WO2022/132720) [30] US (63/125,149) 2020-12-14 [30] US (63/265,086) 2021-12-07</p>
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<p>[21] 3,200,773 [13] A1</p> <p>[51] Int.Cl. C12M 1/00 (2006.01) C12M 1/34 (2006.01) C12M 1/36 (2006.01) C12M 3/04 (2006.01)</p> <p>[25] EN</p> <p>[54] IMAGE ANALYSIS AND NON-INVASIVE DATA COLLECTION FROM CELL CULTURE DEVICES</p> <p>[54] ANALYSE D'IMAGE ET COLLECTE DE DONNEES NON INVASIVE A PARTIR DE DISPOSITIFS DE CULTURE CELLULAIRE</p> <p>[72] FEY, STEPHEN JOHN, DK [72] JOCHUMSEN, HANS HENRIK, DK [72] WRZESINSKI, KRZYSZTOF, DK [71] CELVIVO APS, DK [85] 2023-05-31 [86] 2022-01-04 (PCT/EP2022/050072) [87] (WO2022/144461) [30] DK (PA202170002) 2021-01-04</p>

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 - [25] EN
 - [54] **DEVICES AND METHODS FOR NOVEL RETINAL IRRADIANCE DISTRIBUTION MODIFICATION TO IMPROVE AND RESTORE VISION WITHOUT PRODUCING CORNEAL VITRIFICATION**
 - [54] **DISPOSITIFS ET PROCEDES DESTINES A UNE NOUVELLE MODIFICATION DE DISTRIBUTION D'ECLAIREMENT ENERGETIQUE RETINIENNE AFIN D'AMELIORER ET DE RESTAURER LA VISION SANS PRODUIRE DE VITRIFICATION DE LA CORNE**
 - [72] SERDAREVIC, OLIVIA N., US
 - [71] APERTURE IN MOTION, LLC, US
 - [85] 2023-05-31
 - [86] 2020-12-11 (PCT/US2020/064620)
 - [87] (WO2022/125116)
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- [25] EN
- [54] **PROCESSOR AND COMPUTING SYSTEM**
- [54] **PROCESSEUR ET SYSTEME INFORMATIQUE**
- [72] LI, NAN, CN
- [72] XU, CHAO, CN
- [72] FAN, ZHIJUN, CN
- [72] YANG, ZUOXING, CN
- [72] GUO, HAIFENG, CN
- [71] SHENZHEN MICROBT ELECTRONICS TECHNOLOGY CO., LTD., CN
- [85] 2023-05-31
- [86] 2022-01-07 (PCT/CN2022/070714)
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- [25] FR
- [54] **METHOD FOR FABRICATING A SUBSTANTIALLY EQUIATOMIC FECO-ALLOY COLD-ROLLED STRIP OR SHEET, SUBSTANTIALLY EQUIATOMIC FECO-ALLOY COLD-ROLLED STRIP OR SHEET, AND MAGNETIC PART CUT FROM SAM**
- [54] **PROCEDEE DE FABRICATION D'UNE BANDE OU TOLE LAMINEE A FROID EN ALLIAGE FECO SENSIBLEMENT EQUIATOMIQUE, UNE BANDE OU TOLE LAMINEE A FROID EN ALLIAGE FECO SENSIBLEMENT EQUIATOMIQUE, ET PIECE MAGNETIQUE DECOUPEE A PARTIR DE CELLE-C**

- [72] WAECKERLE, THIERRY, FR
- [72] BATONNET, REMY, FR
- [71] APERAM, LU
- [85] 2023-05-31
- [86] 2020-12-09 (PCT/IB2020/061694)
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 - [25] EN
 - [54] **METHOD AND SYSTEM FOR WASTEWATER TREATMENT BY MEMBRANE FILTRATION AND ELECTROCHEMICAL OXIDATION**
 - [54] **PROCEDE ET SYSTEME DE TRAITEMENT DES EAUX USEES PAR FILTRATION SUR MEMBRANES ET OXYDATION ELECTROCHIMIQUE**
 - [72] LEUNG, VICTOR KA LUN, CA
 - [72] MILBURN, GEOFFREY SEAN, CA
 - [72] SPARICA, GORAN, CA
 - [71] AXINE WATER TECHNOLOGIES INC., CA
 - [85] 2023-05-31
 - [86] 2021-12-16 (PCT/US2021/063833)
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 - [25] EN
 - [54] **AXIAL PINION SEAL**
 - [54] **JOINT D'ETANCHEITE A PIGNON AXIAL**
 - [72] TALWIN, MARK, US
 - [72] IVIE, CAMERON, US
 - [71] PURE FISHING, INC., US
 - [85] 2023-05-31
 - [86] 2021-12-01 (PCT/US2021/072681)
 - [87] (WO2022/120351)
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- [25] EN
- [54] **AEROSOL-GENERATING COMPONENT**
- [54] **COMPOSANT GENERATEUR D'AEROSOL**
- [72] HEPWORTH, RICHARD, GB
- [72] FALLON, GARY, GB
- [72] HODGSON, MATTHEW, GB
- [71] NICOVENTURES TRADING LIMITED, GB
- [85] 2023-05-31
- [86] 2021-12-01 (PCT/GB2021/053127)
- [87] (WO2022/118009)
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<p style="text-align: right;">[21] 3,200,795 [13] A1</p> <p>[51] Int.Cl. A61B 1/00 (2006.01) A61B 34/30 (2016.01) A61B 34/35 (2016.01) A61B 90/57 (2016.01) A61B 1/005 (2006.01) A61B 8/00 (2006.01) A61B 8/12 (2006.01) A61B 17/00 (2006.01) A61B 17/34 (2006.01)</p> <p>[25] EN</p> <p>[54] IMPROVEMENTS IN OR RELATING TO THE GUIDING OF ELONGATE FLEXIBLE MEDICAL INSTRUMENTS</p> <p>[54] AMELIORATIONS APPORTEES OU SE RAPPORTANT AU GUIDAGE D'INSTRUMENTS MEDICAUX FLEXIBLES ALLONGES</p> <p>[72] SCHEWEL, JURY, DE</p> <p>[72] SCHEWEL, DIMITRY, DE</p> <p>[71] ROB'E GMBH, DE</p> <p>[85] 2023-05-31</p> <p>[86] 2021-12-01 (PCT/EP2021/083720)</p> <p>[87] (WO2022/117623)</p> <p>[30] DE (20 2020 005 003.2) 2020-12-01</p>	<p style="text-align: right;">[21] 3,200,800 [13] A1</p> <p>[51] Int.Cl. F28D 9/04 (2006.01) F28F 9/10 (2006.01)</p> <p>[25] EN</p> <p>[54] SPIRAL HEAT EXCHANGER AND HEAT EXCHANGE DEVICE</p> <p>[54] ECHANGEUR DE CHALEUR EN SPIRALE ET DISPOSITIF D'ECHANGE DE CHALEUR</p> <p>[72] GAO, FENG, CN</p> <p>[72] LIU, ZAIXIANG, CN</p> <p>[72] CHEN, YANFENG, CN</p> <p>[72] CAI, YUANFENG, CN</p> <p>[72] WANG, BING, CN</p> <p>[72] NIU, ZHENGYAN, CN</p> <p>[71] SHANGHAI XINGYE MATERIALS TECHNOLOGY CO., LTD, CN</p> <p>[85] 2023-05-31</p> <p>[86] 2021-11-30 (PCT/CN2021/134267)</p> <p>[87] (WO2022/116956)</p> <p>[30] CN (202011384539.3) 2020-12-02</p> <p>[30] CN (202011388547.5) 2020-12-02</p>	<p style="text-align: right;">[21] 3,200,803 [13] A1</p> <p>[51] Int.Cl. C12Q 1/6869 (2018.01) C12Q 1/6827 (2018.01) G16B 30/00 (2019.01)</p> <p>[25] EN</p> <p>[54] METHODS FOR GENOMIC IDENTIFICATION OF PHENOTYPE RISK</p> <p>[54] PROCEDES D'IDENTIFICATION GENOMIQUE DE RISQUE DE PHENOTYPE</p> <p>[72] GULKO, BRADFORD A., US</p> <p>[71] PROGENIC GENOMICS, INC., US</p> <p>[85] 2023-05-31</p> <p>[86] 2021-11-30 (PCT/US2021/061287)</p> <p>[87] (WO2022/119861)</p> <p>[30] US (63/119,685) 2020-12-01</p> <p>[30] US (63/122,081) 2020-12-07</p> <p>[30] US (63/120,439) 2020-12-02</p>
<p style="text-align: right;">[21] 3,200,801 [13] A1</p> <p>[51] Int.Cl. H01Q 1/24 (2006.01) H01Q 5/48 (2015.01) H01Q 1/52 (2006.01) H01Q 21/26 (2006.01)</p> <p>[25] EN</p> <p>[54] HIGH BAND ANTENNA ELEMENTS AND A MULTI-BAND ANTENNA</p> <p>[54] ELEMENTS D'ANTENNE A BANDE ELEVEE ET ANTENNE MULTIBANDE</p> <p>[72] LIVERSIDGE, PETER, AU</p> <p>[72] BHUIYAN, MD SHAKIL, AU</p> <p>[71] ALPHA WIRELESS LTD, IE</p> <p>[85] 2023-05-31</p> <p>[86] 2021-12-10 (PCT/EP2021/085302)</p> <p>[87] (WO2022/123056)</p> <p>[30] GB (2019593.9) 2020-12-11</p>		

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[25] FR
[54] BLADED GRINDER FOR PLASTER RECYCLING
[54] BROYEUR A PALES POUR LE RECYCLAGE DE PLATRE
[72] RITLENG, JEAN-LUC, FR
[72] RITLENG, GEOFFREY, FR
[72] RITLENG, ARNAUD, FR
[71] HOLDING RITLENG, FR
[85] 2023-05-31
[86] 2021-12-29 (PCT/EP2021/087765)
[87] (WO2022/144375)
[30] FR (2014282) 2020-12-30

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[51] Int.Cl. C08K 3/38 (2006.01) C09D 7/61 (2018.01) C09D 5/14 (2006.01) E04B 1/92 (2006.01) E04B 9/04 (2006.01)
[25] EN
[54] ANTIMICROBIAL AND ANTIVIRAL BUILDING PANELS
[54] PANNEAUX DE CONSTRUCTION ANTIMICROBIENS ET ANTIVIRAUX
[72] WANG, MICHELLE X., US
[72] CHANG, YING, US
[72] HUGHES, JOHN E., US
[72] ZHANG, LINZHU, US
[72] MASIA, STEVEN L., US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
[85] 2023-05-31
[86] 2021-12-01 (PCT/US2021/061487)
[87] (WO2022/119977)
[30] US (63/120,862) 2020-12-03

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[25] EN
[54] ANTIBODY DELIVERY
[54] ADMINISTRATION D'ANTICORPS
[72] DEL VAL, GREGORIO, CH
[72] NEVOLTRIS, DAMIEN, CH
[71] AC IMMUNE SA, CH
[85] 2023-05-31
[86] 2021-12-17 (PCT/EP2021/086645)
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[25] EN
[54] FILM FREE END CONTROL APPARATUS AND METHOD FOR A STRETCH WRAPPING MACHINE
[54] APPAREIL ET PROCEDE DE CONTROLE D'UNE EXTREMITE LIBRE D'UN FILM POUR UNE MACHINE D'EMBALLAGE SOUS FILM ETIRABLE
[72] HESTON, STEPHEN L., US
[71] TOP TIER, LLC, US
[85] 2023-05-31
[86] 2020-12-03 (PCT/US2020/063101)
[87] (WO2022/119573)

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[51] Int.Cl. F21K 9/64 (2016.01) F21K 9/69 (2016.01) F21V 5/10 (2018.01) F21V 29/504 (2015.01) F21V 29/70 (2015.01)
[25] EN
[54] LIGHT SOURCE
[54] SOURCE DE LUMIERE
[72] NOVOTNY, STEPAN, CZ
[72] KUBAT, JAN, CZ
[72] POKORNY, MARTIN, CZ
[71] CRYTUR, SPOL.S R.O., CZ
[85] 2023-04-28
[86] 2021-12-09 (PCT/CZ2021/050147)
[87] (WO2022/122058)
[30] CZ (PV 2020-667) 2020-12-10

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[25] EN
[54] METHOD FOR SCREENING NEURONAL REGENERATION-PROMOTING CELLS HAVING NEURONAL REGENERATION ACTIVITY
[54] PROCEDE DE CRIBLAGE DE CELLULES FAVORISANT LA REGENERATION NEURONALE PRESENTANT UNE ACTIVITE DE REGENERATION NEURONALE
[72] LIM, JAESEUNG, KR
[72] KIM, MIN YOUNG, KR
[72] SUNG, MIN KI, KR
[71] CELLATOZ THERAPEUTICS, INC., KR
[85] 2023-05-31
[86] 2022-01-12 (PCT/KR2022/000553)
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[30] KR (10-2021-0003879) 2021-01-12
[30] KR (10-2022-0004077) 2022-01-11

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[25] EN
[54] PORTABLE EVALUATION DEVICE, ASSOCIATED SYSTEMS AND METHODS
[54] DISPOSITIF D'EVALUATION PORTABLE, SYSTEMES ET PROCEDES ASSOCIES
[72] DION, DOMINIQUE, CA
[72] MASTRONARDI, TONY, CA
[71] A LA CARTE MEDIA, INC., CA
[85] 2023-04-28
[86] 2021-10-28 (PCT/IB2021/059990)
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- [25] EN
- [54] ANTIBODY-DRUG CONJUGATE, AND INTERMEDIATE THEREOF, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF
- [54] CONJUGUE ANTICORPS-MEDICAMENT, INTERMEDIAIRE CORRESPONDANT, PROCEDE DE PREPARATION CORRESPONDANT ET APPLICATION CORRESPONDANTE
- [72] GUO, QINGSONG, CN
- [72] SHEN, YIJUN, CN
- [72] YANG, TONG, CN
- [72] BAO, BIN, CN
- [72] GAO, BEI, CN
- [72] WU, FANG, CN
- [72] XU, JUN, CN
- [71] SHANGHAI FUDAN-ZHANGJIANG BIO-PHARMACEUTICAL CO., LTD., CN
- [85] 2023-05-31
- [86] 2020-12-04 (PCT/CN2020/133872)
- [87] (WO2022/116141)

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- [25] EN
- [54] DEVELOPMENT OF NEW TUMOR ENGAGER THERAPEUTIC DRUG AND USE THEREOF
- [54] DEVELOPPEMENT D'UN NOUVEAU MEDICAMENT THERAPEUTIQUE D'ENGAGEUR DE TUMEUR ET SON UTILISATION
- [72] CHEN, BO, CN
- [72] XU, GANG, CN
- [72] SONG, QIN, CN
- [71] KEYMED BIOSCIENCES CO., LTD., CN
- [85] 2023-05-31
- [86] 2021-12-02 (PCT/CN2021/135153)
- [87] (WO2022/117050)
- [30] CN (202011402162.X) 2020-12-02

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- [25] EN
- [54] TEAD INHIBITORS AND USES THEREOF
- [54] INHIBITEURS DE TEAD ET UTILISATIONS ASSOCIEES
- [72] CASTRO, ALFREDO C., US
- [72] BURKE, MICHAEL, US
- [71] IKENA ONCOLOGY, INC., US
- [85] 2023-05-31
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- [87] (WO2022/120354)
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- [25] EN
- [54] COMPOSITIONS AND METHODS FOR THE TARGETING OF BCL11A
- [54] COMPOSITIONS ET METHODES POUR LE CIBLAGE DE BCL11A
- [72] OAKES, BENJAMIN, US
- [72] HIGGINS, SEAN, US
- [72] DENNY, SARAH, US
- [72] STAABL, BRETT T., US
- [72] COLIN, ISABEL, US
- [72] ADIL, MAROOF, US
- [72] URNES, COLE, US
- [71] SCRIBE THERAPEUTICS INC., US
- [85] 2023-05-31
- [86] 2021-12-02 (PCT/US2021/061672)
- [87] (WO2022/120094)
- [30] US (63/120,885) 2020-12-03

[21] 3,200,816

[13] A1

- [51] Int.Cl. H02K 1/02 (2006.01)
- [25] EN
- [54] MATERIAL LAYER, MATERIAL LAYER STACK FOR AN ELECTRIC MACHINE AND METHOD FOR PRODUCING A MATERIAL LAYER
- [54] COUCHE DE MATERIAUX, EMPILEMENT DE COUCHES DE MATERIAUX POUR UNE MACHINE ELECTRIQUE ET PROCEDE DE FABRICATION D'UNE COUCHE DE MATERIAUX
- [72] SCHUH, CARSTEN, DE
- [72] SOLLER, THOMAS, DE
- [72] VOLLMER, ROLF, DE
- [71] SIEMENS AKTIENGESELLSCHAFT, DE
- [85] 2023-05-31
- [86] 2021-11-05 (PCT/EP2021/080765)
- [87] (WO2022/117278)
- [30] EP (20211810.5) 2020-12-04

[21] 3,200,817

[13] A1

- [51] Int.Cl. A61M 5/315 (2006.01)
- [25] EN
- [54] DRUG INJECTION STOPPER WITH THIN FILM LUBRICANT
- [54] BOUCHON D'INJECTION DE MEDICAMENT AYANT UN LUBRIFIANT A COUCHE MINCE
- [72] DELONG, NAOMI, US
- [72] HEICKSEN, PETER, US
- [71] W. L. GORE & ASSOCIATES, INC., US
- [85] 2023-05-31
- [86] 2021-12-17 (PCT/US2021/073016)
- [87] (WO2022/147408)
- [30] US (63/131,371) 2020-12-29

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[21] 3,200,818
[13] A1

[51] Int.Cl. B61C 17/02 (2006.01) B61D 5/00 (2006.01) B61D 5/06 (2006.01) B61D 17/00 (2006.01)
 [25] EN
 [54] RAIL VEHICLE WAGON HAVING A TANK
 [54] WAGON DE VEHICULE FERROVIAIRE DOTE D'UN RESERVOIR
 [72] GANSEKOW, ROGER, DE
 [72] HARTL, JOHANNES, DE
 [72] MELLER, MEIKE, DE
 [72] PEYMANDAR, DE-NIANG MARIA, DE
 [72] RUCKES, JONAS, DE
 [72] TREUTLER, HELMUT, DE
 [72] WILHELM, MARKUS, DE
 [72] WINZEN, ANDREAS, DE
 [71] SIEMENS MOBILITY GMBH, DE
 [85] 2023-05-31
 [86] 2021-11-23 (PCT/EP2021/082649)
 [87] (WO2022/135810)
 [30] DE (10 2020 216 497.5) 2020-12-22

[21] 3,200,819
[13] A1

[51] Int.Cl. C08J 9/12 (2006.01) C08J 9/18 (2006.01) C08J 9/232 (2006.01)
 [25] EN
 [54] NANOCCELLULAR EXPANDED POLYMER BEADS, METHOD OF MANUFACTURE AND USES
 [54] BILLES POLYMERES NANOCCELLULAIRES EXPANSEES, PROCEDE DE FABRICATION ET UTILISATIONS
 [72] MUGICA IZAGUIRRE, MIKEL, ES
 [72] BERNARDO GARCIA, VICTORIA, ES
 [72] MARTIN DE LEON, JUDITH, ES
 [72] SANCHEZ CALDERON, ISMAEL, ES
 [72] RODRIGUEZ PEREZ, MIGUEL ANGEL, ES
 [71] CELLMAT TECHNOLOGIES S.L., ES
 [85] 2023-05-31
 [86] 2021-12-01 (PCT/EP2021/083757)
 [87] (WO2022/117642)
 [30] ES (P202031205) 2020-12-02

[21] 3,200,820
[13] A1

[51] Int.Cl. A61K 31/713 (2006.01) A61K 48/00 (2006.01) A61P 25/16 (2006.01) C12N 9/02 (2006.01) C12N 9/78 (2006.01) C12N 15/864 (2006.01)
 [25] EN
 [54] EXPRESSION VECTORS COMPOSITION
 [54] COMPOSITION DE VECTEURS D'EXPRESSION
 [72] McDONALD, MICHAEL, GB
 [71] MAAVRX LTD, GB
 [85] 2023-05-31
 [86] 2021-12-07 (PCT/GB2021/053191)
 [87] (WO2022/123226)
 [30] GB (2019286.0) 2020-12-08

[21] 3,200,821
[13] A1

[51] Int.Cl. A61F 5/00 (2006.01)
 [25] EN
 [54] INTRAGASTRIC EXPANDABLE DEVICES
 [54] DISPOSITIFS EXPANSIBLES INTRAGASTRIQUES
 [72] COHEN, GIL, IL
 [72] ARTAMONOV, VALERY, IL
 [72] HASHIMSHONY, DAN, IL
 [71] EPITOME MEDICAL LTD., IL
 [85] 2023-05-31
 [86] 2021-12-02 (PCT/IL2021/051438)
 [87] (WO2022/123555)
 [30] US (63/122,235) 2020-12-07

[21] 3,200,822
[13] A1

[51] Int.Cl. F24C 15/02 (2006.01)
 [25] EN
 [54] HEATING COOKING APPARATUS
 [54] CUISEUR THERMIQUE
 [72] SHINOHARA, YU, JP
 [72] NISHIJIMA, MASAHIRO, JP
 [71] SHARP KABUSHIKI KAISHA, JP
 [85] 2023-05-31
 [86] 2021-12-21 (PCT/JP2021/047288)
 [87] (WO2022/138629)
 [30] JP (2020-215366) 2020-12-24

[21] 3,200,823
[13] A1

[51] Int.Cl. A61B 3/15 (2006.01) A61B 3/18 (2006.01)
 [25] EN
 [54] A MULTIFUNCTIONAL OPHTHALMIC APPARATUS
 [54] APPAREIL OPHTALMIQUE MULTIFONCTIONNEL
 [72] MARCACCI, MATTEO, IT
 [71] COSTRUZIONI STRUMENTI OFTALMICI C.S.O. S.R.L., IT
 [85] 2023-05-31
 [86] 2021-12-01 (PCT/IB2021/061163)
 [87] (WO2022/118206)
 [30] IT (102020000029393) 2020-12-02

[21] 3,200,825
[13] A1

[51] Int.Cl. A23L 23/10 (2016.01) A23P 10/28 (2016.01) A23P 30/20 (2016.01)
 [25] EN
 [54] COMPOSITION FOR MAKING BOUILLONS
 [54] COMPOSITION POUR LA PREPARATION DE BOUILLONS
 [72] CEBOTARESCU, LIVIA, NL
 [72] CAMILO DE OLIVEIRA, MARCELO, NL
 [72] TAMMES, HARMANNUS, NL
 [71] UNILEVER IP HOLDINGS B.V., NL
 [85] 2023-05-31
 [86] 2021-12-20 (PCT/EP2021/086759)
 [87] (WO2022/144201)
 [30] EP (20217753.1) 2020-12-30

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<p style="text-align: right;">[21] 3,200,827 [13] A1</p> <p>[51] Int.Cl. A61K 8/9789 (2017.01) A61K 8/365 (2006.01) A61K 36/31 (2006.01) A61P 17/06 (2006.01) A61P 17/10 (2006.01) [25] EN [54] PERSONAL CARE COMPOSITION [54] COMPOSITION DE SOINS PERSONNELS [72] GU, XUELAN, CN [72] MI, TINGYAN, CN [71] UNILEVER GLOBAL IP LIMITED, GB [85] 2023-05-31 [86] 2021-12-06 (PCT/EP2021/084301) [87] (WO2022/135883) [30] CN (PCT/CN2020/139518) 2020-12-25 [30] EP (21153895.4) 2021-01-28</p>	<p style="text-align: right;">[21] 3,200,851 [13] A1</p> <p>[51] Int.Cl. C07C 237/20 (2006.01) C07C 237/06 (2006.01) [25] EN [54] N-BENZYL-ALPHA-AMINOAMIDES AS ANAPHASE-PROMOTING COMPLEX/CYCLOSOME (APC/C) INHIBITORS [54] N-BENZYL-ALPHA-AMINOAMIDES UTILISES COMME INHIBITEURS DU COMPLEXE DE PROMOTION DE L'ANAPHASE/CYCLOSOME (APC/C) [72] BASTIDA CODINA, AGATHA, ES [72] BENITO ARENAS, RAUL, ES [72] BOLANOS-GARCIA, VICTOR M., GB [72] CURTIS, NATALIE LAURA, GB [71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC), ES [71] OXFORD BROOKES UNIVERSITY, GB [85] 2023-06-01 [86] 2021-12-16 (PCT/EP2021/086290) [87] (WO2022/129397) [30] EP (20383100.3) 2020-12-16</p>	<p style="text-align: right;">[21] 3,200,876 [13] A1</p> <p>[51] Int.Cl. G06F 21/50 (2013.01) G06Q 20/40 (2012.01) G06N 20/00 (2019.01) [25] EN [54] FRAUD PREDICTION SERVICE [54] SERVICE DE PREDICTION DE FRAUDE [72] HEARTY, JOHN, CA [72] MADISON, JAKE, CA [72] LAWN, AIDAN, CA [72] SHAH, PARIN PRASHANT, CA [72] KENNEDY, JAMES, CA [71] MASTERCARD TECHNOLOGIES CANADA ULC, CA [85] 2023-06-01 [86] 2021-12-01 (PCT/CA2021/051713) [87] (WO2022/115945) [30] US (63/120,547) 2020-12-02</p>

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[21] 3,200,879
[13] A1

[51] Int.Cl. A23K 20/184 (2016.01) A23K
50/30 (2016.01)
[25] EN
[54] ABS CISIC ACID-MIXED PIG FEED
[54] ALIMENT POUR PORCS
MELANGE DE L'ACIDE
ABSCISSIQUE
[72] TONOU, TSUYOSHI, JP
[72] KOJO, HIROSHI, JP
[72] ANRYU, MAKOTO, JP
[71] SUMITOMO CHEMICAL
COMPANY, LIMITED, JP
[85] 2023-06-01
[86] 2021-12-15 (PCT/JP2021/046242)
[87] (WO2022/131288)
[30] JP (2020-208576) 2020-12-16

[21] 3,200,881
[13] A1

[51] Int.Cl. C07K 14/605 (2006.01) A61P
3/10 (2006.01)
[25] EN
[54] LACTAM-MODIFIED
POLYPEPTIDE COMPOUNDS
[54] COMPOSES POLYPEPTIDIQUES
MODIFIES PAR LACTAME
[72] PAN, ZHIXIANG, CN
[72] JIANG, ZHIGAN, CN
[72] HE, HAIYING, CN
[72] HU, GUOPING, CN
[72] LI, JIAN, CN
[72] CHEN, SHUHUI, CN
[71] DONGBAO PURPLE STAR
(HANGZHOU)
BIOPHARMACEUTICAL CO., LTD,
CN
[85] 2023-06-01
[86] 2021-12-02 (PCT/CN2021/135180)
[87] (WO2022/117056)
[30] CN (202011409947.X) 2020-12-02
[30] CN (202011402979.7) 2020-12-02
[30] CN (202110432060.0) 2021-04-21
[30] CN (202110587056.1) 2021-05-27

[21] 3,200,883
[13] A1

[51] Int.Cl. G06F 12/0897 (2016.01) H04N
21/234 (2011.01) G06F 7/24 (2006.01)
G06N 20/00 (2019.01)
[25] EN
[54] MULTI-CACHE BASED DIGITAL
OUTPUT GENERATION
[54] GENERATION DE SORTIE
NUMERIQUE A BASE DE
MULTIPLES MEMOIRES CACHE
[72] RUMANEK, ADAM, CA
[72] SINOSFSKY, CHARLES, CA
[71] AUX MODE INC., CA
[85] 2023-06-01
[86] 2021-11-19 (PCT/IB2021/060769)
[87] (WO2022/136971)
[30] US (17/129,007) 2020-12-21

[21] 3,200,886
[13] A1

[51] Int.Cl. C12Q 1/00 (2006.01)
[25] EN
[54] ANALYTE SENSORS WITH
METAL-CONTAINING REDOX
MEDIATORS AND METHODS OF
USING THE SAME
[54] CAPTEURS D'ANALYTE AVEC
MEDIATEURS REDOX
CONTENANT DES METAUX ET
LEURS PROCEDES
D'UTILISATION
[72] LE, PHU, US
[72] LATOUR, JOHN V., US
[72] WALLIS, KEVIN P., US
[72] HOSS, UDO, US
[71] ABBOTT DIABETES CARE INC., US
[85] 2023-06-01
[86] 2022-01-03 (PCT/US2022/011026)
[87] (WO2022/147496)
[30] US (63/132,901) 2020-12-31
[30] US (63/188,765) 2021-05-14

[21] 3,200,887
[13] A1

[51] Int.Cl. A61K 35/74 (2015.01) C07K
14/245 (2006.01) C12N 9/00 (2006.01)
C12N 9/10 (2006.01)
[25] EN
[54] ENGINEERED
MICROORGANISMS
[54] MICRO-ORGANISMES MODIFIES
[72] JAMES, MICHAEL, US
[72] KALANTARI, AIDA, US
[72] MIRABELLA, TEA, US
[72] RENAUD, LAUREN, US
[72] KRISTENSEN, LEE, US
[72] ISABELLA, VINCENT, US
[71] SYNLOGIC OPERATING
COMPANY, INC., US
[85] 2023-06-01
[86] 2021-12-02 (PCT/US2021/061579)
[87] (WO2022/120028)
[30] US (63/120,674) 2020-12-02

[21] 3,200,888
[13] A1

[51] Int.Cl. A61H 7/00 (2006.01)
[25] EN
[54] ACTIVE COMPRESSION DEVICE
AND PRESSURE UNIT
[54] DISPOSITIF DE COMPRESSION
ACTIVE ET UNITE DE PRESSION
[72] THOPPEY, NAGARAJAN, DE
[72] SPINKS, GEOFFREY, AU
[72] RICHARDS, CHRISTOPHER, AU
[72] TUCKER, KEVIN, US
[71] ESSITY HYGIENE AND HEALTH
AKTIEBOLAG, SE
[85] 2023-06-01
[86] 2021-12-16 (PCT/EP2021/086169)
[87] (WO2022/129321)
[30] EP (20214674.2) 2020-12-16

Demandes PCT entrant en phase nationale

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[13] A1

- [51] Int.Cl. G01J 3/443 (2006.01) G01N 33/205 (2019.01) G01N 21/71 (2006.01)
- [25] EN
- [54] METHOD AND APPARATUS FOR QUANTITATIVE CHEMICAL ANALYSIS OF LIQUID METALS AND ALLOYS
- [54] PROCEDE ET APPAREIL D'ANALYSE CHIMIQUE QUANTITATIVE DE METAUX ET D'ALLIAGES LIQUIDES
- [72] GUDMUNDSSON, SVEINN HINRIK, IS
- [72] LEOSSON, KRISTJAN, IS
- [71] DTE EHF., IS
- [85] 2023-06-01
- [86] 2021-12-02 (PCT/EP2021/084060)
- [87] (WO2022/117768)
- [30] EP (20211367.6) 2020-12-02

[21] **3,200,890**

[13] A1

- [51] Int.Cl. H04L 51/02 (2022.01) H04L 51/00 (2022.01) H04L 51/18 (2022.01)
- [25] EN
- [54] SYSTEMS AND METHODS FOR BOT SELECTION CALIBRATION IN TWO-WAY COMMUNICATIONS
- [54] SYSTEMES ET PROCEDES POUR L'ETALONNAGE D'UNE SELECTION DE ROBOT LOGICIEL DANS DES COMMUNICATIONS BIDIRECTIONNELLES
- [72] HIGGINS, MICHAEL, US
- [72] DUNN, MATTHEW, US
- [71] LIVEPERSON, INC., US
- [85] 2023-06-01
- [86] 2021-12-28 (PCT/US2021/065354)
- [87] (WO2022/147019)
- [30] US (63/131,434) 2020-12-29

[21] **3,200,891**

[13] A1

- [51] Int.Cl. C08K 3/22 (2006.01) C09D 7/61 (2018.01) C08K 3/36 (2006.01) C08K 3/38 (2006.01) C08L 83/12 (2006.01)
- [25] EN
- [54] BUILDING PANEL COATINGS
- [54] REVETEMENTS DE PANNEAU DE CONSTRUCTION
- [72] SMITH, DAVID A., US
- [72] FAZZINI, ANNA G., US
- [72] CAPERS, DINO J., US
- [72] BUSQUE, CHRISTIAN, US
- [71] ARMSTRONG WORLD INDUSTRIES, INC., US
- [85] 2023-06-01
- [86] 2021-11-30 (PCT/US2021/061240)
- [87] (WO2022/119845)
- [30] US (63/120,870) 2020-12-03

[21] **3,200,894**

[13] A1

- [51] Int.Cl. E04B 9/22 (2006.01)
- [25] EN
- [54] PANEL ASSEMBLY FOR A SUSPENDED CEILING SYSTEM, CORNER BRACKET THEREOF, AND RELATED METHODS
- [54] ENSEMBLE PANNEAU POUR SYSTEME DE PLAFOND SUSPENDU, SUPPORT DE COIN DE CE DERNIER ET PROCEDES ASSOCIES
- [72] HARNISH, SCOTT D., US
- [71] ARMSTRONG WORLD INDUSTRIES, INC., US
- [85] 2023-06-01
- [86] 2021-12-13 (PCT/US2021/063065)
- [87] (WO2022/126009)
- [30] US (63/124,260) 2020-12-11

[21] **3,200,893**

[13] A1

- [51] Int.Cl. A01G 13/02 (2006.01) F16G 11/00 (2006.01)
- [25] EN
- [54] DEPLOYABLE FIELD PROTECTION SYSTEM AND METHOD OF USING THE SAME
- [54] SYSTEME DE PROTECTION DE SITE DEPLOYABLE ET SON PROCEDE D'UTILISATION
- [72] CHARRON, GUY, CA
- [71] CREAVAL INC., CA
- [85] 2023-06-01
- [86] 2021-12-09 (PCT/CA2021/051766)
- [87] (WO2022/120484)
- [30] US (63/123,038) 2020-12-09
- [30] US (63/260,747) 2021-08-31

[21] **3,200,895**

[13] A1

- [51] Int.Cl. A61K 31/337 (2006.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)
- [25] EN
- [54] ANTIBODY AND TAXANE COMBINATION THERAPY
- [54] POLYTHERAPIE A BASE D'ANTICORPS ET DE TAXANE
- [72] SAHIN, UGUR, DE
- [72] MUIK, ALEXANDER, DE
- [72] FORSSMANN, ULF, DK
- [72] JURE-KUNKEL, MARIA, US
- [72] GUPTA, MANISH, US
- [72] AHMADI, TAHAMTAN, US
- [72] AMIRI, KATHY, US
- [72] BAJAJ, GAURAV, US
- [71] GENMAB A/S, DK
- [71] BIONTECH SE, DE
- [85] 2023-06-01
- [86] 2021-12-07 (PCT/EP2021/084659)
- [87] (WO2022/122765)
- [30] US (63/122,042) 2020-12-07

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[21] 3,200,897
[13] A1

[51] Int.Cl. F42B 12/32 (2006.01)
[25] EN
[54] A FRAGMENTATION WARHEAD AND A METHOD OF MANUFACTURING OF A FRAGMENTATION WARHEAD
[54] OGIVE A FRAGMENTATION ET PROCEDE DE FABRICATION D'UNE OGIVE A FRAGMENTATION
[72] VESTLUND, JOHNNY, SE
[72] THOR, OLOV, SE
[71] SAAB AB, SE
[85] 2023-06-01
[86] 2021-12-06 (PCT/SE2021/051203)
[87] (WO2022/131994)
[30] SE (2000234-1) 2020-12-14

[21] 3,200,898
[13] A1

[51] Int.Cl. A61K 31/352 (2006.01) A61K 9/00 (2006.01) A61K 9/70 (2006.01) A61K 31/05 (2006.01) A61P 35/00 (2006.01) C07C 39/23 (2006.01) C07D 311/80 (2006.01)
[25] EN
[54] TRANSDERMAL PHARMACEUTICAL FORMULATIONS COMPRISING CBD OR THC FOR THE TREATMENT OF CANCER
[54] FORMULATIONS PHARMACEUTIQUES TRANSDERMIDIQUES POUR LE TRAITEMENT DU CANCER
[72] PLAKOGIANNIS, FOTIOS M., US
[72] LATHER, TAMANNA, US
[72] MODI, NISARG, US
[72] BOROVINSKAYA, MARINA, US
[71] PIKE THERAPEUTICS INC., CA
[85] 2023-06-01
[86] 2021-12-02 (PCT/IB2021/095002)
[87] (WO2022/118303)
[30] US (63/120,932) 2020-12-03

[21] 3,200,899
[13] A1

[51] Int.Cl. B23K 9/095 (2006.01) G21D 3/00 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR WIRELESS REMOTE CONTROL OF AUTOMATED EQUIPMENT
[54] SYSTEMES ET PROCEDES DE COMMANDE A DISTANCE SANS FIL D'EQUIPEMENTS AUTOMATISES
[72] HARKAWAY, JOHN S., US
[72] AMODEO, JOSEPH P., US
[71] WESTINGHOUSE ELECTRIC COMPANY LLC, US
[85] 2023-06-01
[86] 2021-12-02 (PCT/US2021/072713)
[87] (WO2022/120368)
[30] US (17/109,252) 2020-12-02

[21] 3,200,900
[13] A1

[51] Int.Cl. C07K 16/10 (2006.01)
[25] EN
[54] ANTIBODIES AND METHODS FOR TREATMENT OF INFLUENZA A INFECTION
[54] ANTICORPS ET METHODES DE TRAITEMENT D'UNE INFECTION PAR LA GRIPPE A
[72] CORTI, DAVIDE, CH
[72] SCHMID, MICHAEL ALEXANDER, CH
[71] VIR BIOTECHNOLOGY, INC., US
[71] HUMABS BIOMED SA, CH
[85] 2023-06-01
[86] 2021-12-07 (PCT/US2021/062160)
[87] (WO2022/125517)
[30] US (63/122,894) 2020-12-08

[21] 3,200,901
[13] A1

[51] Int.Cl. D06N 3/04 (2006.01)
[25] EN
[54] FLAT TEXTILE STRUCTURE WITH COATING
[54] SURFACE TEXTILE ENDUISTE
[72] BRENNER, WOLFGANG JOSEF, DE
[72] SCHUSTER, NICOLE, DE
[72] ERDMANN, CARINA, DE
[72] SZYMKOWIAK, LOTHAR, DE
[72] STRAUBE, THOMAS, DE
[71] MEHLER TECHNOLOGIES GMBH, DE
[85] 2023-06-01
[86] 2021-12-15 (PCT/EP2021/085877)
[87] (WO2022/129163)
[30] EP (20215027.2) 2020-12-17

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[51] Int.Cl. G08C 17/02 (2006.01) H02J 50/80 (2016.01) H05B 47/19 (2020.01)
[25] EN
[54] WIRELESS ELECTRIC LOAD CONTROL SYSTEM
[54] SYSTEME DE COMMANDE DE CHARGE ELECTRIQUE SANS FIL
[72] CHRISTENSEN, GRAHAM L., US
[72] GUELLNITZ, JOSEPH C., US
[72] SAPTHASAYEE, RANGASAYEE, US
[72] STEINER, JAMES P., US
[71] LUTRON TECHNOLOGY COMPANY LLC, US
[85] 2023-06-01
[86] 2021-12-01 (PCT/US2021/061331)
[87] (WO2022/119879)
[30] US (63/119,682) 2020-12-01

[21] 3,200,903
[13] A1

[51] Int.Cl. B01D 46/24 (2006.01) F01N 13/16 (2010.01) B01J 37/02 (2006.01) F01N 3/022 (2006.01) F01N 3/035 (2006.01) F01N 3/28 (2006.01)
[25] EN
[54] A METHOD FOR TREATING A FILTER FOR FILTERING PARTICULATE MATTER AND A FILTER OBTAINED BY SAID THE METHOD
[54] PROCEDE DE TRAITEMENT D'UN FILTRE POUR FILTRER UNE MATIERE PARTICULAIRE ET FILTRE OBTENU PAR LEDIT PROCEDE
[72] BURMEISTER, SABINA, GB
[72] HOTCHKISS, THOMAS, GB
[72] MARVELL, DAVID, GB
[72] SAPSFORD, JONATHON PAUL, GB
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[85] 2023-06-01
[86] 2022-02-09 (PCT/GB2022/050341)
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[13] A1

[51] Int.Cl. C09B 67/44 (2006.01)
[25] EN
[54] COMPOSITIONS AND METHODS FOR STABLE TRYPLAN BLUE SOLUTIONS
[54] COMPOSITIONS ET PROCEDES POUR DES SOLUTIONS STABLES DE BLEU DE TRYPLAN
[72] LUTZKE, ALEC, US
[72] MCCARTY, BLAKE R., US
[71] BECKMAN COULTER, INC., US
[85] 2023-06-01
[86] 2021-12-03 (PCT/US2021/061835)
[87] (WO2022/120188)
[30] US (63/120,957) 2020-12-03

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[13] A1

[51] Int.Cl. C10G 53/14 (2006.01) C10G 27/12 (2006.01)
[25] EN
[54] DESULFURIZATION PROCESS
[54] PROCEDE DE DESULFURATION
[72] ZHOU, WENJUAN, CN
[72] WILLSON, ANDREW, BE
[72] FORMIGA, NUNO, BE
[72] DABEUX, FRANCOIS, BE
[72] YAN, ZHEN, CN
[72] STREIFF, STEPHANE, FR
[71] SOLVAY SA, BE
[85] 2023-06-01
[86] 2020-12-23 (PCT/CN2020/138488)
[87] (WO2022/133768)

[21] **3,200,906**
[13] A1

[51] Int.Cl. B23C 5/10 (2006.01)
[25] EN
[54] MICRO FORMING CUTTER
[54] DISPOSITIF DE COUPE DE MICRO-FORMAGE
[72] RUCK, MARTIN, DE
[72] HUTMACHER, THILO, DE
[71] ZECHA HARTMETALL-WERKZEUGFABRIKATION GMBH, DE
[85] 2023-06-01
[86] 2020-12-18 (PCT/EP2020/087238)
[87] (WO2022/128130)

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[51] Int.Cl. G01R 31/382 (2019.01) G01R 31/385 (2019.01) G01R 31/392 (2019.01)
[25] EN
[54] HEALTH STATUS OF AN INTERNAL POWER SOURCE OF A FAULTED CIRCUIT INDICATOR
[54] ETAT DE SANTE D'UNE SOURCE D'ALIMENTATION INTERNE D'UN INDICATEUR DE CIRCUIT DEFECTUEUX
[72] RAJALEKSHMI, RAKHI, IN
[72] ARORA, SONAL, IN
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2023-06-01
[86] 2021-11-25 (PCT/EP2021/025462)
[87] (WO2022/117225)
[30] US (63/120,305) 2020-12-02

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[51] Int.Cl. A01N 59/20 (2006.01) A01P 3/00 (2006.01)
[25] EN
[54] COPPER-BASED FUNGICIDE COMPOSITION
[54] COMPOSITION FONGICIDE A BASE DE CUIVRE
[72] DE OLIVEIRA, SHERON FRANCISCO, NL
[72] AMSELEM, SHIMON, IL
[71] ADAMA MAKHTESHIM LTD., IL
[85] 2023-06-01
[86] 2021-12-02 (PCT/IB2021/061258)
[87] (WO2022/118255)
[30] US (63/120,575) 2020-12-02

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[25] EN
[54] LOW-VISCOSITY LIQUID DETERGENT COMPOSITION COMPRISING ANTIFOAM AND NON-IONIC SURFACTANT
[54] COMPOSITION DE DETERGENT LIQUIDE A FAIBLE VISCOSITE COMPRENANT UN AGENT TENSIOACTIF ANTIMOUSSE ET NON IONIQUE
[72] HUANG, HAIYAN, CN
[72] XU, YANG, CN
[72] CAO, YIJIA, CN
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2023-06-01
[86] 2021-07-08 (PCT/CN2021/105166)
[87] (WO2023/279321)

[21] **3,200,910**
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[51] Int.Cl. F04D 17/10 (2006.01) F01D 25/22 (2006.01) F04B 9/129 (2006.01) F04D 29/10 (2006.01) F04D 29/12 (2006.01)
[25] EN
[54] SEALING GAS LEAKAGE RECOVERY AND SEALING GAS BOOSTING SYSTEM AND METHOD
[54] SYSTEME ET PROCEDE DE RECUPERATION DE FUITE DE GAZ D'ETANCHEITE ET D'AMPLIFICATION DE GAZ D'ETANCHEITE
[72] CIPRIANI, SERGIO, IT
[72] BASSANI, SIMONE, IT
[72] BAGAGLI, RICCARDO, IT
[71] NUOVO PIGNONE TECNOLOGIE - S.R.L., IT
[85] 2023-06-01
[86] 2021-11-26 (PCT/EP2021/025466)
[87] (WO2022/117227)
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[25] EN
[54] A BIOPROCESSING SYSTEM AND METHOD
[54] SYSTEME ET PROCEDE DE BIOTRAITEMENT
[72] CONNON, CHE, GB
[72] BELLANI, CAROLINE, GB
[71] CELLULARREVOLUTION LIMITED, GB
[85] 2023-06-01
[86] 2021-12-01 (PCT/GB2021/053135)
[87] (WO2022/129862)
[30] GB (2019793.5) 2020-12-15

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[13] A1

[51] Int.Cl. A61K 38/17 (2006.01) C07K 14/405 (2006.01) C07K 14/525 (2006.01)
[25] EN
[54] METHODS OF TREATING CANCER USING TIGIT-AND LIGHT-BASED CHIMERIC PROTEINS
[54] METHODES DE TRAITEMENT DU CANCER A L'AIDE DE PROTEINES CHIMERES FORMEES A PARTIR DE TIGIT ET LIGHT
[72] SCHREIBER, TAYLOR, US
[72] FROMM, GEORGE, US
[72] DE SILVA, SURESH, US
[71] SHATTUCK LABS, INC., US
[85] 2023-06-01
[86] 2021-12-03 (PCT/US2021/061841)
[87] (WO2022/120191)
[30] US (63/121,083) 2020-12-03
[30] US (63/276,066) 2021-11-05
[30] US (63/215,735) 2021-06-28
[30] US (63/173,090) 2021-04-09

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[51] Int.Cl. A61M 37/00 (2006.01) B29C 33/40 (2006.01) B29C 39/42 (2006.01) B29C 43/22 (2006.01) B29C 43/34 (2006.01) B29C 43/46 (2006.01)
[25] EN
[54] METHOD AND SYSTEM FOR PRODUCING MICROSTRUCTURES
[54] PROCEDE ET SYSTEME DE PRODUCTION DE MICROSTRUCTURES
[72] KULIK, MICHAEL, DE
[72] LAU, OLGA, DE
[72] ROOS, PHILIP, DE
[72] TISSIN, NIKOLAJ, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2023-06-01
[86] 2022-01-12 (PCT/EP2022/050510)
[87] (WO2022/152734)
[30] DE (10 2021 100 396.2) 2021-01-12

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[13] A1

[51] Int.Cl. B60P 3/14 (2006.01)
[25] EN
[54] DOOR SWING CONTROL DEVICE AND ASSOCIATED METHOD
[54] DISPOSITIF DE COMMANDE DE BASCULEMENT DE PORTE ET PROCEDE ASSOCIE
[72] WORTHEN, CARTER, US
[72] YAP, BRYAN, US
[72] ANDERSON, CAMERON, US
[72] RULE, JESSICA, US
[72] BAYLIFF, TODD ALLEN, US
[71] QUESTAR GAS COMPANY DBA DOMINION ENERGY UTAH, US
[85] 2023-06-01
[86] 2021-11-29 (PCT/US2021/061032)
[87] (WO2022/119780)
[30] US (17/109,013) 2020-12-01

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[51] Int.Cl. A61B 5/00 (2006.01) A61B 5/145 (2006.01)
[25] EN
[54] FLEXIBLE CIRCUIT BOARDS FOR CONTINUOUS ANALYTE MONITORING DEVICES
[54] CARTES DE CIRCUIT IMPRIME FLEXIBLES POUR DISPOSITIFS DE SURVEILLANCE CONTINUE D'ANALYTES
[72] LI, JI, US
[72] GOFMAN, IGOR Y., US
[72] AVIROVIKJ, DRAGAN, US
[72] MAYER, THOMAS A.J. JR., US
[72] YOUNG, CAMERON M., US
[72] EREKOVICANSKI, NICHOLAS, US
[71] ASCENSIA DIABETES CARE HOLDINGS AG, CH
[85] 2023-06-01
[86] 2021-12-28 (PCT/EP2021/087700)
[87] (WO2022/144342)
[30] US (63/131,273) 2020-12-28

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[25] EN
[54] A BONE REDUCTION KIT
[54] KIT DE REDUCTION OSSEUSE
[72] O'DONNELL, TURLOUGH, IE
[72] O'KELLY, MALCOLM, IE
[71] O'DONNELL, TURLOUGH, IE
[71] O'KELLY, MALCOLM, IE
[85] 2023-06-01
[86] 2021-12-08 (PCT/EP2021/084867)
[87] (WO2022/122860)
[30] GB (2019316.5) 2020-12-08

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[51] Int.Cl. A62C 31/00 (2006.01) A62C 31/02 (2006.01) A62C 31/03 (2006.01)
[25] EN
[54] HIGH-EFFICIENCY SMOOTH BORE NOZZLES
[54] BUSE A INTERIEUR LISSE A HAUTE EFFICACITE
[72] SETHI, SUNNY, US
[71] HEN NOZZLES INC., US
[85] 2023-06-01
[86] 2021-06-22 (PCT/US2021/038393)
[87] (WO2022/119601)
[30] US (17/112,990) 2020-12-05
[30] US (17/112,993) 2020-12-05

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 - [25] EN
 - [54] SURFACE ANTIMICROBIAL TREATMENTS
 - [54] TRAITEMENTS DE SURFACE ANTIMICROBIENS
 - [72] BEGHEITTO, VALENTINA, IT
 - [72] GATTO, VANESSA, IT
 - [72] CONCA, SILVIA, IT
 - [72] BARDELLA, NOEMI, IT
 - [71] CROSSING S.R.L., IT
 - [85] 2023-06-01
 - [86] 2021-12-07 (PCT/IB2021/061411)
 - [87] (WO2022/123441)
 - [30] IT (102020000030179) 2020-12-11
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- [25] EN
- [54] TREATMENT OF SPINAL CORD INJURY WITH PTEN INHIBITOR
- [54] TRAITEMENT DE LESION MEDULLAIRE AVEC UN INHIBITEUR DE PTEN
- [72] NOH, MOON JONG, US
- [72] AHN, KWANGWOOK, US
- [71] KOLON TISSUEGENE, INC., US
- [85] 2023-06-01
- [86] 2021-12-06 (PCT/US2021/062042)
- [87] (WO2022/120278)
- [30] US (63/121,336) 2020-12-04

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- [51] Int.Cl. A61K 38/46 (2006.01) C12N 9/22 (2006.01) C12N 15/11 (2006.01) C12N 15/85 (2006.01) C12N 15/90 (2006.01)
 - [25] EN
 - [54] COMPOSITIONS AND METHODS FOR CLEAVING VIRAL GENOMES
 - [54] COMPOSITIONS ET PROCEDES POUR LE CLIVAGE DE GENOMES VIRAUX
 - [72] HOWELL, ALEXANDRA, US
 - [72] HAYDEN, MATTHEW S., US
 - [71] UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS..., US
 - [71] TRUSTEES OF DARMOUTH COLLEGE, US
 - [71] DARTMOUTH-HITCHCOCK CLINIC AND MARY HITCHCOCK MEMORIAL HOSPITAL, US
 - [85] 2023-06-01
 - [86] 2021-12-01 (PCT/US2021/061398)
 - [87] (WO2022/119919)
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- [25] EN
- [54] PARTICLE CLASSIFICATION AND SORTING SYSTEMS AND METHODS
- [54] SYSTEMES ET PROCEDES DE TRI ET DE CLASSIFICATION DE PARTICULES
- [72] KRISHNAN, LAKSHMI, NZ
- [72] HOSKING, PETER ANTHONY GREENWOOD, NZ
- [72] SIMPSON, MIRIAM CATHER, NZ
- [71] ENGENDER TECHNOLOGIES LIMITED, NZ
- [85] 2023-06-01
- [86] 2021-12-23 (PCT/NZ2021/050230)
- [87] (WO2022/139597)
- [30] US (63/130,328) 2020-12-23

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- [51] Int.Cl. A61K 31/4168 (2006.01) A61K 31/5517 (2006.01)
 - [25] EN
 - [54] ORAL FORMULATION OF CLONIDINE AND MIDAZOLAM FOR SEDATION IN DENTAL PROCEDURES
 - [54] FORMULATION ORALE DE CLONIDINE ET DE MIDAZOLAM POUR LA SEDATION DANS DES PROCEDURES DENTAIRES
 - [72] WILSON, PAMALA, US
 - [72] MCCARLEY, JAMES, US
 - [71] TRANSDERMAL SEDATION SOLUTIONS, LLC, US
 - [71] WILSON, PAMALA, US
 - [71] MCCARLEY, JAMES, US
 - [85] 2023-06-01
 - [86] 2021-12-06 (PCT/US2021/061960)
 - [87] (WO2022/120263)
 - [30] US (63/121,939) 2020-12-06
 - [30] US (63/217,189) 2021-06-30
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- [25] EN
- [54] ALL-SOLID-STATE LITHIUM ION ELECTROCHEMICAL CELLS AND THEIR MANUFACTURE
- [54] PILES ELECTROCHIMIQUES AU LITHIUM-ION ENTIEREMENT SOLIDES ET LEUR FABRICATION
- [72] HUFNAGEL, ALEXANDER GEORG, DE
- [72] WU, XIAOHAN, DE
- [71] BASF SE, DE
- [85] 2023-06-01
- [86] 2021-11-29 (PCT/EP2021/083363)
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<p style="text-align: right;">[21] 3,200,934 [13] A1</p> <p>[51] Int.Cl. G06T 7/70 (2017.01) H04N 13/10 (2018.01)</p> <p>[25] EN</p> <p>[54] OBJECT THREE-DIMENSIONAL LOCALIZATIONS IN IMAGES OR VIDEOS</p> <p>[54] LOCALISATIONS TRIDIMENSIONNELLES D'OBJETS DANS DES IMAGES OU DES VIDEOS</p> <p>[72] ROUGIER, CAROLINE, CA [72] BROWN, COLIN JOSEPH, CA [71] HINGE HEALTH, INC., US [85] 2023-06-01 [86] 2020-12-04 (PCT/IB2020/061548) [87] (WO2022/118061)</p>	<p style="text-align: right;">[21] 3,200,987 [13] A1</p> <p>[51] Int.Cl. A23L 2/00 (2006.01) A23L 23/00 (2016.01) A23L 25/00 (2016.01) A23L 33/00 (2016.01)</p> <p>[25] EN</p> <p>[54] FASTING MIMICKING KETOGENIC DIET (FMD) TO PROMOTE SKELETAL MUSCLE REGENERATION AND STRENGTH</p> <p>[54] REGIME CETOGENE IMITANT UN JEUNE (FMD) POUR FAVORISER LA REGENERATION ET LA RESISTANCE DU MUSCLE SQUELETTIQUE</p> <p>[72] LONGO, VALTER D., US [72] CRUPI, ANNUNZIATA NANCY, US [71] UNIVERSITY OF SOUTHERN CALIFORNIA, US [85] 2023-06-02 [86] 2021-12-03 (PCT/US2021/061742) [87] (WO2022/120129) [30] US (63/121,134) 2020-12-03</p>	<p style="text-align: right;">[21] 3,200,994 [13] A1</p> <p>[51] Int.Cl. C08G 65/40 (2006.01) C08G 65/46 (2006.01) C08G 65/48 (2006.01)</p> <p>[25] EN</p> <p>[54] CROSSLINKED POLYARYLETHERKETONES</p> <p>[54] POLYARYLETHERCETONES RETICULEES</p> <p>[72] SCHAUBER, THOMAS, DE [72] SUTTER, MARCO, DE [72] TRUXIUS, KIRA, DE [71] FREUDENBERG SE, DE [85] 2023-06-02 [86] 2021-10-28 (PCT/EP2021/080005) [87] (WO2022/128224) [30] DE (10 2020 134 149.0) 2020-12-18 [30] DE (10 2021 119 437.7) 2021-07-27</p>
<p style="text-align: right;">[21] 3,200,996 [13] A1</p> <p>[51] Int.Cl. A61K 31/05 (2006.01) A61P 25/08 (2006.01)</p> <p>[25] EN</p> <p>[54] TREATMENT OF REFRACTORY SEIZURES</p> <p>[54] CANNABIDIOL POUR LE TRAITEMENT DE CRISES REFRACTAIRES</p> <p>[72] PALUMBO, JOSEPH, US [72] GUTTERMAN, DONNA, US [72] SEBREE, TERRI, US [71] ZYNERBA PHARMACEUTICALS, INC., US [85] 2023-06-02 [86] 2021-12-03 (PCT/IB2021/061335) [87] (WO2022/118290) [30] US (63/121,076) 2020-12-03 [30] US (63/142,820) 2021-01-28</p>		

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- [25] EN
- [54] COMPOSITIONS COMPRISING BACTERIA FOR CANCER IMMUNOTHERAPY
- [54] COMPOSITIONS COMPRENANT DES BACTERIES POUR L'IMMUNOTHERAPIE DU CANCER
- [72] BARAJAS VELEZ, MIGUEL ANGEL, ES
- [72] RESANO LIZALDRE, ALFREDO, ES
- [71] TRIM BIOTECH, S.L., ES
- [85] 2023-06-02
- [86] 2021-12-13 (PCT/EP2021/085474)
- [87] (WO2022/128909)
- [30] EP (20383089.8) 2020-12-14

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- [51] Int.Cl. A23L 33/00 (2016.01) A23L 33/12 (2016.01) A61P 37/02 (2006.01)
- [25] EN
- [54] A NEW FASTING MIMICKING KETOGENIC DIET TO IMPROVE IMMUNE FUNCTION AND VACCINE RESPONSE AND MINIMIZE RISK IN ADULTS AND ELDERLY
- [54] NOUVEAU REGIME CETOGENE IMITANT LE JEUNE POUR AMELIORER LA FONCTION IMMUNITAIRE ET LA REPONSE AUX VACCINS ET REDUIRE AU MAXIMUM LES RISQUES CHEZ LES ADULTES ET LES PERSONNES AGEES
- [72] LONGO, VALTER D., US
- [72] BUONO, ROBERTA, US
- [71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
- [85] 2023-06-02
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- [87] (WO2022/125749)
- [30] US (63/123,053) 2020-12-09

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- [51] Int.Cl. B61L 23/04 (2006.01) B61L 27/57 (2022.01)
- [25] EN
- [54] METHOD FOR OPERATING A RAIL VEHICLE AND ARRANGEMENT COMPRISING A RAIL VEHICLE
- [54] PROCEDE DE FONCTIONNEMENT D'UN VEHICULE FERROVIAIRE ET AGENCEMENT COMPRENANT UN VEHICULE FERROVIAIRE
- [72] MAZZONE, ANDREA, CH
- [71] BOMBARDIER TRANSPORTATION GMBH, DE
- [85] 2023-06-02
- [86] 2021-12-02 (PCT/EP2021/083892)
- [87] (WO2022/117698)
- [30] DE (10 2020 215 245.4) 2020-12-02

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- [25] EN
- [54] VECTOR
- [54] VECTEUR
- [72] KERZEL, THOMAS, IT
- [72] SQUADRITO, MARIO LEONARDO, IT
- [72] NALDINI, LUIGI, IT
- [71] OSPEDALE SAN RAFFAELE S.R.L., IT
- [71] FONDAZIONE TELETHON, IT
- [85] 2023-06-02
- [86] 2021-12-03 (PCT/EP2021/084276)
- [87] (WO2022/117876)
- [30] GB (2019108.6) 2020-12-03

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- [51] Int.Cl. G06F 21/30 (2013.01) H04W 4/44 (2018.01) H04W 12/082 (2021.01) G08G 5/00 (2006.01)
- [25] EN
- [54] REVOCATION OF UAS-RELATED AUTHORIZATION AND SECURITY INFORMATION
- [54] REVOCATION D'INFORMATIONS DE SECURITE ET D'AUTORISATION ASSOCIEES A L'UAS
- [72] BASKARAN, SHEeba BACKIA MARY, DE
- [72] KUNZ, ANDREAS, DE
- [72] KARAMPATSI, DIMITRIOS, GB
- [71] LENOVO (SINGAPORE) PTE. LTD., SG
- [85] 2023-06-02
- [86] 2022-01-10 (PCT/IB2022/050147)
- [87] (WO2022/149104)
- [30] US (63/135,511) 2021-01-08

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- [25] EN
- [54] DAMP HAND DONNING AND MOISTURIZING GLOVE
- [54] GANT D'HYDRATATION ET D'ENFILAGE SUR MAINS MOUILLEES
- [72] MODHA, SHANTILAL H., US
- [72] BURNHAM, JASON A., US
- [72] SAELIM, TANTIMA, US
- [72] WRIGHT, AUDRA, US
- [72] GREISBACH, III HENRY L., US
- [71] O&M HALYARD INC., US
- [85] 2023-06-02
- [86] 2021-12-06 (PCT/US2021/061930)
- [87] (WO2022/125405)
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- [25] EN
- [54] DATA TRANSFER METHOD FOR A PROSTHESIS OR ORTHOSIS AND SYSTEM THEREOF
- [54] PROCEDE DE TRANSFERT DE DONNEES POUR PROTHESE OU ORTHESE ET SYSTEME ASSOCIE
- [72] CHERELLE, PIERRE PHILIPPE, BE
- [72] CHERELLE, CLAIRE YVETTE, BE
- [72] MARULANDA, FELIPE GOMEZ, BE
- [71] AXILES BIONICS BV, BE
- [85] 2023-06-02
- [86] 2021-12-06 (PCT/EP2021/084425)
- [87] (WO2022/117892)
- [30] NL (2027046) 2020-12-04

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- [51] Int.Cl. A61K 31/4745 (2006.01) A61P 31/14 (2006.01)
- [25] EN
- [54] LIPIDOID COMPOSITIONS AND METHODS OF USE THEREOF
- [54] COMPOSITIONS LIPIDOIDES ET LEURS PROCEDES D'UTILISATION
- [72] XU, QIAOBING, US
- [72] CHEN, JINJIN, US
- [71] TRUSTEES OF TUFTS COLLEGE, US
- [85] 2023-06-02
- [86] 2021-12-07 (PCT/US2021/062273)
- [87] (WO2022/125589)
- [30] US (63/122,229) 2020-12-07

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- [51] Int.Cl. C09C 1/42 (2006.01) C04B 18/02 (2006.01) C04B 33/04 (2006.01)
- [25] EN
- [54] REFLECTIVE PARTICULATE COMPOSITIONS INCLUDING A PARTICULATE MIXTURE HAVING IMPROVED HARDNESS, METHODS OF MAKING THE SAME, AND METHODS FOR ANALYZING PARTICULATE MIXTURE STRENGTH
- [54] COMPOSITIONS PARTICULAIRES REFLECHISSANTES COMPRENANT UN MELANGE PARTICULAIRE AYANT UNE DURETE AMELIOREE, LEURS PROCEDES DE FABRICATION ET PROCEDES D'ANALYSE DE LA RESISTANCE D'UN MELANGE PARTICULAIR

- [72] PITCHUMANI, RAMANAN, US
- [72] WELLS, WILLIAM, US
- [72] WELLER, DAVID, US
- [71] U.S. SILICA COMPANY, US
- [85] 2023-06-02
- [86] 2021-12-03 (PCT/US2021/072722)
- [87] (WO2022/120374)
- [30] US (17/112,510) 2020-12-04

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- [51] Int.Cl. A61K 48/00 (2006.01)
- [25] EN
- [54] COMPOSITIONS AND METHODS FOR TREATING TARDBP ASSOCIATED DISEASES
- [54] COMPOSITIONS ET METHODES POUR LE TRAITEMENT DE MALADIES ASSOCIEES A TARDBP
- [72] MEJZINI, RITA, AU
- [72] AKKARI, PATRICK ANTHONY, AU
- [72] FLYNN, LOREN LOUISE, AU
- [72] WILTON, STEPHEN DONALD, AU
- [72] FLETCHER, SUE, AU
- [71] PERRON INSTITUTE FOR NEUROLOGICAL AND TRANSLATIONAL SCIENCE LIMITED, AU
- [85] 2023-06-02
- [86] 2021-11-08 (PCT/AU2021/051318)
- [87] (WO2022/120410)
- [30] AU (2020904531) 2020-12-07

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- [25] EN
- [54] BALL FLOAT VENT VALVE
- [54] VANNE DE MISE A L'AIR LIBRE A FLOTTEUR
- [72] O'NEILL, WILLIAM N., US
- [72] RISATTI, BRUNO L., US
- [72] ZOLVINSKI, MICHAEL A., US
- [72] ERDMAN, BILL F., US
- [72] CHEN, DAYAO, US
- [71] CATERPILLAR INC., US
- [85] 2023-06-02
- [86] 2021-11-30 (PCT/US2021/061102)
- [87] (WO2022/119798)
- [30] US (17/112,624) 2020-12-04

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- [25] EN
- [54] TREATED ARTICLE, METHODS OF MAKING THE TREATED ARTICLE, AND DISPERSION FOR USE IN MAKING THE TREATED ARTICLE
- [54] ARTICLE TRAITE, PROCEDES DE FABRICATION DE L'ARTICLE TRAITE ET DISPERSION A UTILISER DANS LA FABRICATION DE L'ARTICLE TRAITE
- [72] CROSETTO, TESS DUFFIN, US
- [71] AGC CHEMICALS AMERICAS, INC., US
- [85] 2023-06-02
- [86] 2021-10-11 (PCT/US2021/054370)
- [87] (WO2022/119644)
- [30] US (63/121,500) 2020-12-04
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 - [25] EN
 - [54] Y BOX BINDING PROTEIN 1 INHIBITORS
 - [54] INHIBITEURS DE PROTEINE 1 DE LIAISON A LA BOITE Y
 - [72] MALHOTRA, SANJAY V., US
 - [72] TAILOR, DHANIR, US
 - [72] DHEERAJ, ARPIT, US
 - [71] OREGON HEALTH & SCIENCE UNIVERSITY, US
 - [71] THE BOARD OF TRUSTEES OF THE LEELAND STANFORD JUNIOR UNIVERSITY, US
 - [85] 2023-06-02
 - [86] 2021-12-03 (PCT/US2021/061906)
 - [87] (WO2022/120242)
 - [30] US (63/121,674) 2020-12-04
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- [25] EN
- [54] AMPHIPHILIC ALKOXYLATED POLYAMINES AND THEIR USES
- [54] POLYAMINES ALCOXYLEES AMPHIPHILES ET LEURS UTILISATIONS
- [72] EBERT, SOPHIA, DE
- [72] NIEBERLE, JOERG, DE
- [72] BENLAHMAR, OUIDAD, DE
- [72] WOHLMUTH, CATHARINA, DE
- [72] ENGERT, SUSANNE CARINA, DE
- [72] VANDERMEULEN, GUIDO, DE
- [72] TUERK, HOLGER, DE
- [72] HUELSKOETTER, FRANK, US
- [72] SI, GANG, GB
- [72] GORCZYNSKA-COSTELLO, KATARZYNA, GB
- [72] SAVEYN, PIETER JAN MARIA, BE
- [72] STERGIOPOLOU, NATALIA, BE
- [71] BASF SE, DE
- [71] THE PROCTER & GAMBLE COMPANY, US
- [85] 2023-06-02
- [86] 2021-12-21 (PCT/EP2021/087021)
- [87] (WO2022/136389)
- [30] EP (20216952.0) 2020-12-23
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- [30] EP (21176906.2) 2021-05-31

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 - [25] EN
 - [54] TRANSMUCOSAL DELIVERY OF TOCOTRIENOLS
 - [54] ADMINISTRATION TRANSMUCOSALE DE TOCOTRIENOLS
 - [72] TONG, GLENN, AU
 - [72] KINGSTON, DAVID, AU
 - [71] INVICTUS BIOTECHNOLOGY PTY LTD, AU
 - [85] 2023-06-02
 - [86] 2021-12-03 (PCT/AU2021/051449)
 - [87] (WO2022/115919)
 - [30] AU (2020904488) 2020-12-04
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- [25] EN
- [54] SYSTEMS AND METHODS FOR ANALYTE DETECTION
- [54] SYSTEMES ET PROCEDES POUR DETECTION D'ANALYTE
- [72] FELDMAN, BENJAMIN J., US
- [71] ABBOTT DIABETES CARE INC., US
- [85] 2023-06-02
- [86] 2021-12-17 (PCT/US2021/064203)
- [87] (WO2022/133308)
- [30] US (63/127,804) 2020-12-18

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 - [25] EN
 - [54] TRACK RAIL FASTENING SYSTEM HAVING CANTILEVERED THIRD RAIL SUPPORT BRACKET AND DIRECT FIXATION FASTENER ASSEMBLY FOR SAME
 - [54] SYSTEME DE FIXATION DE RAIL DE VOIE AVEC EQUERRE DE SUPPORT DE TROISIEME RAIL EN PORTE-A-FAUX ET ENSEMBLE DE FIXATION A FIXATION DIRECTE POUR CELUI-CI
 - [72] REYNOLDS, JR. MARK LOUIS, US
 - [72] OSLER, SCOTT, US
 - [71] PROGRESS RAIL SERVICES CORPORATION, US
 - [85] 2023-06-02
 - [86] 2021-11-30 (PCT/US2021/061119)
 - [87] (WO2022/119804)
 - [30] US (17/112,200) 2020-12-04
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- [25] EN
- [54] IMPELLER MACHINE
- [54] MACHINE A ROUE
- [72] SCHUBELER, DANIEL, DE
- [71] MDGROUP GERMANY GMBH, DE
- [85] 2023-06-02
- [86] 2021-12-14 (PCT/EP2021/085702)
- [87] (WO2022/129055)
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- [25] EN
- [54] METHOD AND SYSTEM FOR PRODUCING STERILE SOLUTION FILLED CONTAINERS
- [54] PROCEDE ET SYSTEME DE PRODUCTION DE RECIPIENTS REMPLIS D'UNE SOLUTION STERILE
- [72] DI STEFANI, GIANNI, BE
- [72] MALHOTRA, ATUL, US
- [71] BAXTER INTERNATIONAL INC., US
- [71] BAXTER HEALTHCARE SA, CH
- [85] 2023-06-02
- [86] 2021-12-21 (PCT/US2021/064494)
- [87] (WO2022/146763)
- [30] US (63/130,979) 2020-12-28

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- [51] Int.Cl. C09K 3/14 (2006.01) C23G 5/00 (2006.01)
- [25] EN
- [54] NOBLE METAL SURFACE CLEANING PASTE, AND PREPARATION METHOD THEREFOR AND APPLICATION THEREOF
- [54] PATE DE NETTOYAGE DE SURFACE DE METAL NOBLE, ET PROCEDE DE PREPARATION ASSOCIE ET APPLICATION CORRESPONDANTE
- [72] XIONG, ZEXI, CN
- [72] LIU, QING, CN
- [71] BEIJING HUAXIA FEIYI XIANGYANG THE CULTURAL INDUSTRY CO., LTD, CN
- [85] 2023-06-02
- [86] 2021-12-02 (PCT/CN2021/135147)
- [87] (WO2022/117048)
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- [25] EN
- [54] PROCESS FOR FORMING PARTICLES
- [54] PROCEDE DE FORMATION DE PARTICULES
- [72] QUAN, KE-MING, US
- [72] HUDDLESTON, RICHARD ALBERT, US
- [72] WILLIAMS, KRISTIN RHEDRICK, US
- [72] TUNIS, ADAM MICHAEL, US
- [71] THE PROCTER & GAMBLE COMPANY, US
- [85] 2023-06-02
- [86] 2021-12-09 (PCT/US2021/062501)
- [87] (WO2022/132542)
- [30] US (63/125,779) 2020-12-15

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- [25] EN
- [54] XRF-IDENTIFIABLE BLACK POLYMERS
- [54] POLYMERES NOIRS IDENTIFIABLES PAR XRF
- [72] ALON, HAGGAI, IL
- [72] NACHUM, TEHLA, IL
- [72] KAPLINSKY, MOR, IL
- [72] DAFNI, RON, IL
- [72] TAL, NATALY, IL
- [72] NACHMIAS, CHEN, IL
- [72] SADE, HAGIT, IL
- [72] SHMUELI, GAL, IL
- [72] MUSNIKOW, YONATAN, IL
- [72] YORAN, NADAV, IL
- [71] SECURITY MATTERS LTD., IL
- [85] 2023-06-02
- [86] 2021-12-02 (PCT/IL2021/051437)
- [87] (WO2022/118320)
- [30] US (63/121,066) 2020-12-03
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- [25] EN
- [54] SYSTEM FOR THE AUTOMATIC CONNECTION AND/OR DISCONNECTION OF THE ELECTRIC POWER SUPPLY AND/OR DATA CONNECTION FOR REFRIGERATED CONTAINERS
- [54] SYSTEME DESTINE A LA CONNEXION ET/OU A LA DECONNEXION AUTOMATIQUES DE L'ALIMENTATION ELECTRIQUE ET/OU A LA CONNEXION DE DONNEES POUR DES RECIPIENTS REFRIGERES
- [72] CURLETTO, PIERLUIGI, IT
- [72] PELLEGROTTI, FULVIO, IT
- [71] S-CUBE SRL, IT
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- [25] EN
- [54] INTEGRATED PROCESS FOR THE PARALLEL PRODUCTION OF ALKALI METAL METHOXIDES
- [54] PROCEDE INTEGRE POUR LA PRODUCTION EN PARALLELE DE METHOXYDES DE METAUX ALCALINS
- [72] WEISSKER, WOLF-STEFFEN, DE
- [72] GUTH, JOSEF, DE
- [72] HOFEN, KAI, DE
- [72] FRIEDRICH, HOLGER, DE
- [71] BASF SE, DE
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- [87] (WO2022/117803)
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- [25] EN
- [54] METHOD FOR OPERATING A CULTURE FACILITY FOR AQUATIC PLANTS, AND CULTURE FACILITY ITSELF, AND COMPUTER PROGRAM PRODUCT
- [54] PROCEDE DE FONCTIONNEMENT D'UNE INSTALLATION DE CULTURE DE PLANTES AQUATIQUES, INSTALLATION DE CULTURE EN QUESTION ET PRODUIT PROGRAMME-INFORMATIQUE
- [72] SCHMIDT, KARL-MICHAEL, DE
- [71] UNIPER KRAFTWERKE GMBH, DE
- [85] 2023-06-02
- [86] 2021-12-13 (PCT/EP2021/085464)
- [87] (WO2022/123076)
- [30] DE (10 2020 133 132.0) 2020-12-11

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- [25] EN
- [54] NOVEL COMPOUNDS AS ANDROGEN RECEPTOR AND PHOSPHODIESTERASE DUAL INHIBITOR
- [54] NOUVEAUX COMPOSES EN TANT QU'INHIBITEURS DOUBLES DU RECEPTEUR DES ANDROGENES ET DE LA PHOSPHODIESTERASE
- [72] LEE, YOON-SUK, KR
- [72] KIM, KYUNG-SUN, KR
- [72] KIM, JEONG-AH, KR
- [72] MOON, AN-NA, KR
- [72] SONG, DONG-KEUN, KR
- [72] JUNG, JU-YOUNG, KR
- [72] BAN, JUN-SU, KR
- [72] LEE, SOO-JIN, KR
- [71] ILDONG PHARMACEUTICAL CO., LTD., KR
- [85] 2023-06-02
- [86] 2021-12-10 (PCT/IB2021/000856)
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- [25] EN
- [54] IMPROVEMENTS TO DEVICES AND METHODS FOR DELIVERY OF SUBSTANCES TO ANIMALS
- [54] AMELIORATIONS APPORTEES A DES DISPOSITIFS ET DES METHODES D'ADMINISTRATION DE SUBSTANCES AUX ANIMAUX
- [72] LAY, MARK CHRISTOPHER, NZ
- [72] THOMAS, HAYDEN PETER, NZ
- [72] GLADDEN, NEIL RICHARD, NZ
- [72] HAYMAN, DAVID LESLIE, NZ
- [72] CORBETT, GEOFFREY EARLE, NZ
- [72] BHUSAL, PRABHAT, NZ
- [71] RUMINANT BIOTECH CORP LIMITED, NZ
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- [30] AU (2021221810) 2021-08-25

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- [25] EN
- [54] WEIGHTED ALTERNATING PATHS IN GRAPHS FOR QUANTUM COMPUTING
- [54] TRAJETS ALTERNATIFS PONDERES DANS DES GRAPHES POUR LE CALCUL QUANTIQUE
- [72] JONES, NATHAN CODY, US
- [71] GOOGLE LLC, US
- [85] 2023-06-02
- [86] 2021-11-29 (PCT/US2021/060965)
- [87] (WO2022/119764)
- [30] US (63/121,027) 2020-12-03

[21] 3,201,061

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- [25] FR
- [54] UNIPOLAR AND BIPOLAR ELECTROPORATION CATHETER
- [54] CATHETER D'ELECTROPORATION UNIPOLAIRE ET BIPOLAIRE
- [72] JAIS, PIERRE, FR
- [72] DUBOIS, REMI, FR
- [71] CENTRE HOSPITALIER UNIVERSITAIRE DE BORDEAUX, FR
- [71] UNIVERSITE DE BORDEAUX, FR
- [71] FONDATION BORDEAUX UNIVERSITE, FR
- [85] 2023-06-02
- [86] 2021-12-21 (PCT/EP2021/087144)
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- [30] FR (FR2014047) 2020-12-23

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- [51] Int.Cl. C08L 33/26 (2006.01) C08L 39/02 (2006.01) C08L 39/04 (2006.01) C08L 79/02 (2006.01) D21H 17/54 (2006.01) D21H 17/60 (2006.01) D21H 19/24 (2006.01) D21H 21/10 (2006.01) D21H 21/16 (2006.01)
- [25] EN
- [54] TREATED ARTICLE, METHODS OF MAKING THE TREATED ARTICLE, AND DISPERSION FOR USE IN MAKING THE TREATED ARTICLE
- [54] ARTICLE TRAITE, PROCEDES DE FABRICATION DE L'ARTICLE TRAITE ET DISPERSION A UTILISER DANS LA FABRICATION DE L'ARTICLE TRAITE
- [72] CROSETTO, TESS DUFFIN, US
- [71] AGC CHEMICALS AMERICAS, INC., US
- [85] 2023-06-02
- [86] 2021-10-11 (PCT/US2021/054372)
- [87] (WO2022/119645)
- [30] US (63/121,500) 2020-12-04
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- [25] EN
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- [54] ANTICORPS ANTI-B7-H3 HUMAIN ET UTILISATION ASSOCIEE**
- [72] JIAO, SHASHA, CN
- [72] WANG, RONGJUAN, CN
- [72] WANG, SHUANG, CN
- [72] ZHANG, JIAO, CN
- [72] ZHANG, CHANG, CN
- [72] ZENG, DADI, CN
- [71] MABWELL (SHANGHAI) BIOSCIENCE CO., LTD., CN
- [85] 2023-06-02
- [86] 2021-12-02 (PCT/CN2021/135091)
- [87] (WO2022/117040)
- [30] CN (202011398727.1) 2020-12-02

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- [25] EN
- [54] SYSTEM AND METHOD OF DIRECTING THREE DIMENSIONAL SCANNING**
- [54] SYSTEME ET PROCEDE POUR DIRIGER UN BALAYAGE TRIDIMENSIONNEL**
- [72] OBLAK, TOD A., US
- [72] RAM, SHASTRI, US
- [72] STRINGER, JEFF T., US
- [72] SEKHARAN, SRI, US
- [72] MIANZO, LAWRENCE A., US
- [72] HARTMAN, MARK E., US
- [71] CATERPILLAR INC., US
- [85] 2023-06-02
- [86] 2021-12-02 (PCT/US2021/061523)
- [87] (WO2022/119997)
- [30] US (17/112,932) 2020-12-04

[21] 3,201,069

[13] A1

- [51] Int.Cl. E04B 9/34 (2006.01)
- [25] EN
- [54] OVERHEAD GRID ASSEMBLY, BRACKET MEMBER THEREOF, AND CEILING SYSTEM INCLUDING THE SAME**
- [54] ENSEMBLE GRILLE DE PLAFOND, ELEMENT DE SUPPORT ASSOCIE ET SYSTEME DE PLAFOND COMPRENANT CELUI-CI**
- [72] HARNISH, SCOTT D., US
- [71] ARMSTRONG WORLD INDUSTRIES, INC., US
- [85] 2023-06-02
- [86] 2021-12-08 (PCT/US2021/062399)
- [87] (WO2022/125659)
- [30] US (63/124,253) 2020-12-11

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- [51] Int.Cl. A61B 17/15 (2006.01) A61B 17/17 (2006.01)
- [25] EN
- [54] TIBIAL GUIDE TRANSFER INSTRUMENTS AND METHODS**
- [54] INSTRUMENTS ET METHODES DE TRANSFERT DE GUIDE TIBIAL**
- [72] HARRIS, BRIAN R. JR., US
- [72] SIMES, ROBERT F. JR., US
- [71] MICROPORT ORTHOPEDICS HOLDINGS INC., US
- [85] 2023-06-02
- [86] 2021-11-23 (PCT/US2021/060444)
- [87] (WO2022/125303)
- [30] US (63/248,059) 2021-09-24
- [30] US (63/122,115) 2020-12-07
- [30] US (17/455,945) 2021-11-22

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- [51] Int.Cl. B65D 17/50 (2006.01)
- [25] EN
- [54] PEELABLE RESEALABLE MEMBRANE FOR CONTAINERS**
- [54] MEMBRANE PELABLE REFERMABLE POUR RECIPIENTS**
- [72] HUFFER, SCOTT WILLIAM, US
- [71] SONOCO DEVELOPMENT, INC., US
- [85] 2023-06-02
- [86] 2021-11-12 (PCT/US2021/059070)
- [87] (WO2022/119700)
- [30] US (17/112,284) 2020-12-04

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- [51] Int.Cl. C08J 7/04 (2020.01) C09D 7/63 (2018.01) C08F 2/48 (2006.01) C08F 220/34 (2006.01) C08F 290/06 (2006.01)
- [25] EN
- [54] COMPOSITE FILM AND METHODS OF FORMING A COMPOSITE FILM**
- [54] FILM COMPOSITE ET PROCEDES DE FORMATION D'UN FILM COMPOSITE**
- [72] LOVE, NICOLE, US
- [72] RAVICHANDRAN, SETHUMADHAVAN, US
- [72] DUBRULE, STEVEN R., US
- [72] LAVEN, COREY, US
- [71] SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, US
- [85] 2023-06-02
- [86] 2021-12-03 (PCT/US2021/072720)
- [87] (WO2022/126077)
- [30] US (63/122,264) 2020-12-07

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- [51] Int.Cl. A01M 1/14 (2006.01) A01M 1/24 (2006.01) A01M 3/04 (2006.01)
- [25] EN
- [54] PEST CONTROL BARRIER**
- [54] BARRIERE DE LUTTE CONTRE LES NUISIBLES**
- [72] ROSE, BRYAN, US
- [72] HUSSEIN II, NAZIH, US
- [71] ROSE, BRYAN, US
- [71] HUSSEIN II, NAZIH, US
- [85] 2023-06-02
- [86] 2021-12-08 (PCT/US2021/062447)
- [87] (WO2022/132535)
- [30] US (63/125,730) 2020-12-15

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[51] Int.Cl. C10M 105/38 (2006.01) C10M
107/34 (2006.01)

[25] EN

[54] BIODEGRADABLE LUBRICANT
WITH TAILORED HYDROLYTIC
STABILITY AND IMPROVED
THERMAL STABILITY
THROUGH ALKOXYLATION OF
GLYCEROL

[54] LUBRIFIANT BIODEGRADABLE
PRESENTANT UNE STABILITE
HYDROLYTIQUE ADAPTEE ET
UNE STABILITE THERMIQUE
AMELIOREE PAR LE BIAIS
D'UNE ALKOXYLATION DE
GLYCEROL

[72] HUNT, ZACHARY J., US

[72] BERGMANN, BENJAMIN F., US

[72] MUJKIC, MONIKA, US

[72] DIMAIO, JEFFREY R., US

[71] TETRAMER TECHNOLOGIES, LLC,
US

[85] 2023-06-02

[86] 2020-12-09 (PCT/US2020/063872)

[87] (WO2022/125081)

[21] 3,201,076

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[51] Int.Cl. A61K 35/17 (2015.01) A61K
35/28 (2015.01)

[25] EN

[54] METHODS OF SELECTIVELY
TARGETING CD6 HIGH CELLS
AND DECREASING ACTIVITY OF
T EFF CELLS

[54] METHODES DE CIBLAGE
SELECTIF DE CELLULES CD6
HIGH ET DE DIMINUTION DE
L'ACTIVITE DE LYMPHOCYTES
T EFF

[72] CONNELLY, STEPHEN, US

[72] AMPUDIA, JEANETTE, US

[72] CHU, NHU (DALENA) NGO, US

[72] NG, CHERIE T., US

[71] EQUILLIUM, INC., US

[85] 2023-06-02

[86] 2021-12-03 (PCT/US2021/061904)

[87] (WO2022/120240)

[30] US (63/121,567) 2020-12-04

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[51] Int.Cl. B01D 21/00 (2006.01) B01D
21/02 (2006.01) B01D 21/18 (2006.01)
B01D 21/24 (2006.01) C02F 9/00
(2023.01)

[25] EN

[54] BEARING WEAR MONITORING
DEVICE FOR CIRCULAR
CLARIFIER DRIVE

[54] DISPOSITIF DE SURVEILLANCE
D'USURE DE PALIER POUR
ENTRAINEMENT DE
CLARIFICATEUR CIRCULAIRE

[72] GERMAIT, JEFFREY P., US

[72] LEPAK, ALLEN, US

[71] EVOQUA WATER TECHNOLOGIES
LLC, US

[85] 2023-06-02

[86] 2022-01-25 (PCT/US2022/013625)

[87] (WO2022/159859)

[30] US (63/141,065) 2021-01-25

[21] 3,201,080

[13] A1

[51] Int.Cl. C07F 9/6558 (2006.01) A61K
31/4045 (2006.01) A61K 31/454
(2006.01) C07D 401/04 (2006.01)
C07D 403/04 (2006.01)

[25] EN

[54] 3-CYCLIC AMINE-INDOLE
DERIVATIVES AS
SEROTONERGIC AGENTS FOR
THE TREATMENT OF CNS
DISORDERS

[54] DERIVES D'AMINE-INDOLE 3-
CYCLIQUE UTILISES EN TANT
QU'AGENTS
SEROTONERGIQUES POUR LE
TRAITEMENT DE TROUBLES DU
SYSTEME NERVEUX CENTRAL

[72] SLASSI, ABDELMALIK, CA

[72] ARAUJO, JOSEPH, CA

[72] HIGGINS, GUY, CA

[71] MINDSET PHARMA INC., CA

[85] 2023-06-02

[86] 2021-12-07 (PCT/CA2021/051755)

[87] (WO2022/120475)

[30] US (63/122,181) 2020-12-07

[21] 3,201,081

[13] A1

[51] Int.Cl. A24F 40/53 (2020.01) A24F
40/60 (2020.01) A24F 40/95 (2020.01)

[25] EN

[54] AEROSOL PROVISION SYSTEM
WITH CHARGE LEVEL
INDICATOR

[54] SYSTEME DE FOURNITURE
D'AEROSOL AYANT UN
INDICATEUR DE NIVEAU DE
CHARGE

[72] TOMI, VINTOLA, GB

[71] NICOVENTURES TRADING
LIMITED, GB

[85] 2023-06-02

[86] 2021-11-30 (PCT/EP2021/083588)

[87] (WO2022/117570)

[30] GB (2019031.0) 2020-12-02

[21] 3,201,082

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[51] Int.Cl. E21B 19/00 (2006.01) E21B
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E21B 19/16 (2006.01) E21B 19/20
(2006.01) E21B 25/00 (2006.01) E21B
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[25] EN

[54] A CORE SAMPLE HANDLING
DEVICE

[54] DISPOSITIF DE MANIPULATION
D'ECHANTILLONS CAROTTES

[72] WEST, GREGORY DONALD, NZ

[72] POWELL, PETER EVAN, NZ

[71] COREMAX LIMITED, NZ

[85] 2023-06-02

[86] 2021-11-26 (PCT/NZ2021/050210)

[87] (WO2022/119455)

[30] NZ (770690) 2020-12-03

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[13] A1

[51] Int.Cl. G01K 11/22 (2006.01)
[25] EN
[54] ACOUSTIC TEMPERATURE MEASUREMENT IN LAYERED ENVIRONMENTS
[54] MESURE DE LA TEMPERATURE ACOUSTIQUE DANS DES ENVIRONNEMENTS EN COUCHES
[72] BIVOLARSKY, LAZAR, US
[72] BURCHAM, JOEL, US
[72] HEIM, JAMES M., US
[71] PERCEPTIVE SENSOR TECHNOLOGIES, INC., US
[85] 2023-06-02
[86] 2021-12-06 (PCT/US2021/062001)
[87] (WO2022/120272)
[30] US (63/121,755) 2020-12-04

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[13] A1

[51] Int.Cl. G01F 1/66 (2022.01) G01F 15/02 (2006.01) G01F 23/296 (2022.01) G01N 29/22 (2006.01)
[25] EN
[54] APPARATUS, SYSTEM, AND METHOD FOR THE DETECTION OF OBJECTS AND ACTIVITY WITHIN A CONTAINER
[54] APPAREIL, SYSTEME ET PROCEDE DE DETECTION D'OBJETS ET D'ACTIVITE A L'INTERIEUR D'UN RECIPIENT
[72] BIVOLARSKY, LAZAR, US
[72] BURCHAM, JOEL, US
[72] CROCHET, EARL, US
[72] HEIM, JAMES M., US
[72] COLEMAN, WILLIAM, US
[71] PERCEPTIVE SENSOR TECHNOLOGIES, INC., US
[85] 2023-06-02
[86] 2021-12-05 (PCT/US2021/061926)
[87] (WO2022/120259)
[30] US (63/121,720) 2020-12-04
[30] US (63/122,336) 2020-12-07

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[13] A1

[51] Int.Cl. C07K 14/46 (2006.01) C07K 14/575 (2006.01) C07K 14/605 (2006.01)
[25] EN
[54] CO-AGONISTS OF THE GLP-1 AND AMYLIN RECEPTORS
[54] CO-AGONISTES DES RECEPTEURS DU GLP 1 ET DE L'AMYLINE
[72] KRUSE, THOMAS, DK
[72] KODAL, ANNE LOUISE BANK, DK
[72] MADSEN, JOHNNY, DK
[72] OSTERGAARD, SOREN, DK
[72] HOGENDORF, WOUTER FREDERIK JOHAN, DK
[72] TORNOE, CHRISTIAN WENZEL, DK
[72] MADSEN, ALICE RAVN, DK
[72] SCHAFER, LAUGE (DECEASED), XX
[71] NOVO NORDISK A/S, DK
[85] 2023-06-02
[86] 2021-12-17 (PCT/EP2021/086494)
[87] (WO2022/129526)
[30] EP (20215291.4) 2020-12-18
[30] EP (21154668.4) 2021-02-02
[30] EP (21179810.3) 2021-06-16

[21] **3,201,090**
[13] A1

[51] Int.Cl. A61F 2/97 (2013.01)
[25] EN
[54] SLEEVE PULL BACK MECHANISM
[54] MECANISME DE RAPPEL DE MANCHON
[72] BYRNE, AUSTIN A., US
[72] MARYN, REBECCA L., US
[72] OAKLEY, JILENE M., US
[72] SHEPARD, MICHAEL J., US
[71] W. L. GORE & ASSOCIATES, INC., US
[85] 2023-06-02
[86] 2020-12-28 (PCT/US2020/067156)
[87] (WO2022/146411)

[21] **3,201,091**
[13] A1

[51] Int.Cl. B65D 5/66 (2006.01) B65D 5/10 (2006.01) B65D 5/68 (2006.01)
[25] EN
[54] DETERGENT PRODUCT CONTAINER WITH LOCK AND TOP PANEL
[54] RECIPIENT DE PRODUIT DETERGENT DOTE D'UN VERROU ET D'UN PANNEAU SUPERIEUR
[72] HOEFT, PAULUS ANTONIUS AUGUSTINUS, BE
[72] NG PAK LEUNG, CLARA SOPHIE LEA, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2023-06-02
[86] 2021-11-30 (PCT/US2021/061159)
[87] (WO2022/125331)
[30] EP (20213631.3) 2020-12-11
[30] EP (21162534.8) 2021-03-15

[21] **3,201,093**
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[51] Int.Cl. G09B 23/28 (2006.01) G09B 23/30 (2006.01) G09B 23/32 (2006.01)
[25] EN
[54] CHEST TUBE AND PERICARDIOCENTESIS TRAINER APPARATUS
[54] APPAREIL DE FORMATION POUR TUBE THORACIQUE ET PERICARDIOCENTESE
[72] HINE, JASON F., US
[71] HALO MED LLC, US
[71] HINE, JASON F., US
[85] 2023-06-02
[86] 2021-12-03 (PCT/US2021/061901)
[87] (WO2022/120238)
[30] US (63/121,808) 2020-12-04

[21] **3,201,094**
[13] A1

[51] Int.Cl. G09F 15/00 (2006.01) G09F 15/02 (2006.01)
[25] EN
[54] POSTER DISPLAY DEVICE AND MANUFACTURING METHOD
[54] DISPOSITIF DE PRESENTATION D'AFFICHE ET PROCEDE DE FABRICATION
[72] TOPCUOGLU, ALI, TR
[71] M.T REKLAM ANONIM SIRKETI, TR
[85] 2023-06-02
[86] 2021-02-17 (PCT/EP2021/053878)
[87] (WO2022/174893)

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 - [25] EN
 - [54] ADDITIVE FOR RUBBER COMPOSITIONS AND METHOD FOR PRODUCING SAME
 - [54] ADDITIF POUR COMPOSITIONS DE CAOUTCHOUC ET PROCEDE DE PRODUCTION D'ADDITIF
 - [72] PREDTECHENSKIY, MIKHAIL RUDOLFOVICH, RU
 - [72] KHASIN, ALEXANDR ALEXANDROVICH, RU
 - [72] KARPUNIN, RUSLAN VLADIMIROVICH, RU
 - [72] SKURATOV, ANDREY YURIEVICH, RU
 - [72] FILIPPOV, ILYA ANATOLYEVICH, RU
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 - [72] DE SILVA, SURESH, US
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 - [71] WEARABLE TECHNOLOGIES INC., US
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 - [71] EUROFEEDBACK, FR
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 - [71] SUN PHARMA ADVANCED RESEARCH COMPANY LIMITED, IN
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- [71] AHO HOLDINGS LLC, US
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- [54] BUSE DE DISTRIBUTION AYANT UNE ZONE DE SORTIE TUBULAIRE COMPRENANT DES AUBES
- [72] SCHROER, DANIEL, US
- [72] LANGMAID, JOSEPH, US
- [72] RICKARD, MARK, US
- [72] SONI, PIYUSH, US
- [71] DDP SPECIALTY ELECTRONIC MATERIALS US 9, LLC, US
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- [71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
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- [71] SPACECRAFT SEVEN, LLC, US
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- [54] TRANSPORTEUR A VIS
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- [54] SYSTEMES ET PROCEDES POUR COMMANDER LE TAUX DE VARIATION DE LA TEMPERATURE DE L'AIR DANS UN BATIMENT
- [72] NOTARO, DOUGLAS, US
- [72] DOGRA, ADWAY, US
- [71] GOODMAN MANUFACTURING COMPANY LP, US
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- [72] MOULTON, BENJAMIN, GB
- [71] ADORX THERAPEUTICS LIMITED, GB
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[54] COMPOSITIONS CONTENANT DU CANNABIDIOL ET DE L'HUILE DE GRAINES DE BROCOLI, ET PROCEDES DE FABRICATION ET D'UTILISATION DE TELLES COMPOSITIONS
[72] VINYES PARES, GERARD, ES
[72] RAN-RESSLER, RINAT, US
[72] RAU, STEFANIE, DE
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
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[72] CHAMBERLAIN, JASON, US
[72] SCANLON, BECKY, US
[72] HO, ELIZABETH, US
[72] PATEL, MARVIN, US
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[54] PROCEDES DE FORMATION OU DE REPARATION DE PIECE COMPORTANT UNE SECTION EN PORTE-A-FAUX, ET PIECE DE TURBOMACHINE ASSOCIEE
[72] NEVILLE, JASON, US
[72] WOOLRIDGE, JILLIAN JAMISON, US
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[72] HART, KASSY MOY, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] FORMES CRISTALLINES D'ACIDE 2-HYDROXY-5-[2-(4-(TRIFLUOROMETHYLPHENYL)ETHYLAMINO)]BENZOIQUE ET LEUR PROCEDE DE PREPARATION
[72] XU, XINLIANG, CN
[72] ZHANG, GUOQING, CN
[72] ZHUANG, CHENGHAN, CN
[72] WANG, LEI, CN
[72] GWAG, BYOUNG JOO, KR
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[71] GNT PHARMA CO., LTD., KR
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[54] FABRICATION D'ARN
[72] ZIEGENHALS, THOMAS, DE
[72] KUHN, ANDREAS, DE
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[71] BIONTECH SE, DE
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[54] PROCEDE DE SYNTHESE D'ELECTROLYTE SOLIDE, COMPOSITION D'ELECTROLYTE A L'ETAT SOLIDE ET CELLULE ELECTROCHIMIQUE
[72] CARLSON, BENJAMIN, US
[72] CULVER, SEAN P., US
[72] LISENKER, ILYA, US
[71] SOLID POWER OPERATING, INC., US
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- [54] CONJUGUE DE MEDICAMENT, SON PROCEDE DE PREPARATION ET SON UTILISATION
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- [72] WANG, JIUCHENG, CN
- [72] YANG, ROSS, CA
- [72] LIU, CECILY, CA
- [72] LU, WUDANG, CN
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- [71] LONGYEAR TM, INC., US
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- [72] WENDEROTH, JONATHAN CHARLES, US
- [72] MAW, KURT MICHAEL, US
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[72] TERZI, FABIOLA, FR
[72] DARTEIL, RAPHAEL, FR
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[72] GIRMA, HUGO, FR
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USES THEREOF
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[72] HOYT, SCOTT BRYAN, US
[72] THOMAS, CRAIG JOSEPH, US
[72] STARCZYNOWSKI, DANIEL T., US
[72] SUTTER, PATRICK JOSEPH, US
[72] TAWA, GREGORY JAMES, US
[72] FINOCCHIO, CHRIS JAMES, US
[72] ROSENBAUM, JAN SUSAN, US
[72] GRACIA MALDONADO, GABRIEL,
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[71] CHILDREN'S HOSPITAL MEDICAL
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[71] THE USA, AS REPRESENTED BY
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AURICULAR STIMULATION
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[72] OZDOGANLAR, O. BURAK, US
[72] CAKMAK, YUSUF OZGUR, TR
[72] OZSOY, BURAK, TR
[72] GECER, YALIN, TR
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[71] STOPARKINSON HEALTHCARE
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SIMULTANEOUS
INTERPRETATION OF
TAXONOMIC DISTRIBUTION
AND REPLICATION RATES OF
MICROBIAL COMMUNITIES
[54] PROCEDE ET SYSTEME
D'INTERPRETATION
SIMULTANEE DE DISTRIBUTION
TAXONOMIQUE ET DE TAUX DE
REPLICATION DE
COMMUNAUTES
MICROBIENNES
[72] BHAR, SUBHRAJIT, IN
[72] DUTTA, ANIRBAN, IN
[72] PINNA, NISHAL KUMAR, IN
[72] BOSE, TUNGADRI, IN
[72] MANDE, SHARMILA SHEKHAR, IN
[71] TATA CONSULTANCY SERVICES
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COMPOSITIONS THEREOF
[54] PROTEINES DE CORONAVIRUS
STABLES ET COMPOSITIONS DE
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[72] ELLIS, DANIEL, US
[72] KING, NEIL, US
[72] BLOOM, JESSE, US
[72] STARR, TYLER, US
[72] GREANEY, ALLISON, US
[71] FRED HUTCHINSON CANCER
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[71] UNIVERSITY OF WASHINGTON, US
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- [71] PANERATECH, INC., US
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- [71] BRADKEN RESOURCES PTY LIMITED, AU
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- [54] IMPLANTS MEDICAUX PRECHARGES MODULAIRES ET SYSTEMES DE POSE
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- [72] WINTER, MATT, US
- [72] JOHNSON, TIMOTHY, US
- [72] SALSTROM, JARED, US
- [71] CARDIAC DIMENSIONS PTY. LTD., US
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- [30] US (63/125,260) 2020-12-14

[21] 3,201,703
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- [25] EN
- [54] A MODIFIED MELAMINE-FORMALDEHYDE RESIN, A PAPER IMPREGNATED WITH A MODIFIED MELAMINE-FORMALDEHYDE RESIN, A METHOD FOR MANUFACTURING A FLOOR PANEL, AND USE OF DICYANDIAMIDE AS A MODIFIER IN A MELAMINE-FORMALDEHYDE RESI
- [54] RESINE MELAMINE-FORMALDEHYDE MODIFIEE, PAPIER IMPREGNE D'UNE RESINE MELAMINE-FORMALDEHYDE MODIFIEE, PROCEDE DE FABRICATION D'UN PANNEAU DE PLANCHER ET UTILISATION DE DICYANDIAMIDE EN TANT QUE MODIFICATEUR DANS UNE RESINE MELAMINE-FORMALDEHYD
- [72] CLEMENT, BENJAMIN, BE
- [72] MEIRLAEN, JOSE, BE
- [72] DE COUVREUR, JURGEN, BE
- [71] FLOORING INDUSTRIES LIMITED, SARL, LU
- [85] 2023-06-08
- [86] 2021-12-17 (PCT/IB2021/061901)
- [87] (WO2022/137049)
- [30] EP (20216755.7) 2020-12-22

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[25] EN
[54] SILICON-BASED TETRAHYDROCANNABINOL DERIVATIVES AND COMPOSITIONS THEREOF
[54] DERIVES DE TETRAHYDROCANNABINOL A BASE DE SILICIUM ET LEURS COMPOSITIONS
[72] ARKLES, BARRY C., US
[72] MIN, TAEWOO, US
[72] GOFF, JONATHAN D., US
[71] GELEST, INC., US
[85] 2023-06-08
[86] 2020-12-10 (PCT/US2020/064235)
[87] (WO2022/125095)

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[13] A1

[51] Int.Cl. G06Q 10/08 (2023.01) G06Q 50/28 (2012.01)
[25] FR
[54] SYSTEM FOR MONITORING LOADING AND UNLOADING
[54] SYSTEME DE SUIVI DE CHARGEMENT ET DE DECHARGEMENT
[72] MOULINEC, JACQUES, FR
[71] VERSA, FR
[85] 2023-06-08
[86] 2021-12-17 (PCT/EP2021/086515)
[87] (WO2022/129540)
[30] FR (FR2013643) 2020-12-18

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[51] Int.Cl. C08K 3/04 (2006.01) C08K 3/34 (2006.01) C08K 5/098 (2006.01) C08K 5/134 (2006.01) C08K 5/20 (2006.01) C08K 5/3435 (2006.01) C08K 5/3492 (2006.01) C08K 5/526 (2006.01)
[25] EN
[54] ADDITIVE MIXTURES
[54] MELANGES D'ADDITIFS
[72] HUBER, GREGOR, CH
[72] HERBST, HEINZ, CH
[72] ZUO, FENG, US
[72] WEYLAND, TANIA, CH
[72] GERSTER, MICHELE, CH
[71] BASF SE, DE
[85] 2023-06-08
[86] 2021-12-08 (PCT/EP2021/084790)
[87] (WO2022/122818)
[30] EP (20212906.0) 2020-12-09

[21] 3,201,708
[13] A1

[51] Int.Cl. A24D 3/02 (2006.01) A24D 3/04 (2006.01)
[25] EN
[54] METHOD AND APPARATUS FOR MAKING A FILTER ELEMENT
[54] PROCEDE ET APPAREIL DE FABRICATION D'ELEMENT DE FILTRE
[72] QOLBI, ROSI ANA, SG
[72] RAHMAN, AREIF, SG
[72] WIJAYA, HENDRA KRESA, SG
[72] GIYANTO, SG
[72] WURYANTO, SG
[72] FERIANTO, SG
[72] WIDIARTO, SUDIRMAN (DECEASED), XX
[71] FILTRONA DEVELOPMENT CO. PTE. LTD., SG
[85] 2023-06-08
[86] 2021-12-08 (PCT/GB2021/053211)
[87] (WO2022/123243)
[30] GB (2019408.0) 2020-12-09

[21] 3,201,709
[13] A1

[51] Int.Cl. C01B 3/34 (2006.01) C07C 1/12 (2006.01) C07C 9/04 (2006.01) C10G 2/00 (2006.01)
[25] EN
[54] PROCESSES FOR FISCHER-TROPSCH SYNTHESIS
[54] PROCEDES DE SYNTHESE FISCHER-TROPSCH
[72] PATERSON, ALEXANDER JAMES, GB
[71] BP P.L.C., GB
[85] 2023-06-08
[86] 2021-12-22 (PCT/IB2021/062144)
[87] (WO2022/137139)
[30] EP (20216752.4) 2020-12-22

[21] 3,201,711
[13] A1

[51] Int.Cl. G01B 21/22 (2006.01)
[25] EN
[54] APPARATUS AND A METHOD FOR DETERMINING THE POSITION OR STATE OF A DOOR
[54] APPAREIL ET PROCEDE POUR DETERMINER LA POSITION OU L'ETAT D'UNE PORTE
[72] HALL, GLEN, GB
[72] STAINES, JUSTIN, GB
[71] INSURE FIRETEC LTD, GB
[85] 2023-06-08
[86] 2021-12-09 (PCT/GB2021/053231)
[87] (WO2022/123258)
[30] GB (2019570.7) 2020-12-11

[21] 3,201,712
[13] A1

[51] Int.Cl. D05C 17/02 (2006.01) A47G 27/02 (2006.01)
[25] EN
[54] MULTICOLORED TUFTED TEXTILES AND METHODS OF MAKING THE SAME
[54] TEXTILES TOUFFETES MULTICOLORES ET LEURS PROCEDES DE PRODUCTION
[72] BEAVERS, GEOFFREY, US
[71] ALADDIN MANUFACTURING CORPORATION, US
[85] 2023-06-08
[86] 2021-12-15 (PCT/US2021/063605)
[87] (WO2022/132965)
[30] US (63/127,331) 2020-12-18

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<p>[21] 3,201,713 [13] A1</p> <p>[51] Int.Cl. C11D 1/22 (2006.01) B09C 1/08 (2006.01) C11D 1/29 (2006.01) C11D 1/37 (2006.01) C11D 3/32 (2006.01)</p> <p>[25] EN</p> <p>[54] DEGREASING COMPOSITIONS, PROCESS FOR PRODUCING AND USES THEREOF</p> <p>[54] COMPOSITIONS DE DÉGRAISSEMENT, LEUR PROCÉDÉ DE PRODUCTION ET LEURS UTILISATIONS</p> <p>[72] BABINSKI, WOJCIECH, PL</p> <p>[71] BABINSKI, WOJCIECH, PL</p> <p>[85] 2023-06-08</p> <p>[86] 2021-06-21 (PCT/EP2021/066823)</p> <p>[87] (WO2022/128173)</p> <p>[30] US (63/127,226) 2020-12-18</p>

<p>[21] 3,201,716 [13] A1</p> <p>[51] Int.Cl. G01J 3/46 (2006.01) G06Q 10/06 (2023.01) G01N 33/32 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR COLOR MATCHING</p> <p>[54] SYSTEME ET PROCÉDÉ DE MISE EN CORRESPONDANCE DE COULEURS</p> <p>[72] BISCHOFF, GUIDO, DE</p> <p>[72] ZINK, LENA, DE</p> <p>[71] BASF COATINGS GMBH, DE</p> <p>[85] 2023-06-08</p> <p>[86] 2021-12-07 (PCT/EP2021/084677)</p> <p>[87] (WO2022/122777)</p> <p>[30] EP (20213636.2) 2020-12-12</p>

<p>[21] 3,201,720 [13] A1</p> <p>[51] Int.Cl. A23L 33/10 (2016.01) A61K 9/20 (2006.01) A61K 9/50 (2006.01) A61K 31/522 (2006.01) A61P 25/00 (2006.01)</p> <p>[25] EN</p> <p>[54] PULSATILE RELEASE CAFFEINE FORMULATION</p> <p>[54] FORMULATION DE CAFÉINE À LIBÉRATION PULSATILE</p> <p>[72] YERLIKAYA, FIRAT, TR</p> <p>[72] ARSLAN, ASLIHAN, TR</p> <p>[71] GALVENTA AG, CH</p> <p>[85] 2023-06-08</p> <p>[86] 2022-01-14 (PCT/EP2022/050768)</p> <p>[87] (WO2022/152863)</p> <p>[30] EP (21151905.3) 2021-01-15</p>

<p>[21] 3,201,715 [13] A1</p> <p>[51] Int.Cl. G06F 1/18 (2006.01) H02B 1/34 (2006.01) H02B 7/06 (2006.01) H02G 3/08 (2006.01) H02H 7/22 (2006.01) H02J 3/00 (2006.01) H05K 7/14 (2006.01)</p> <p>[25] EN</p> <p>[54] POWER DISTRIBUTION BOX</p> <p>[54] BOITIER DE DISTRIBUTION ELECTRIQUE</p> <p>[72] BROOKS, JAMES, US</p> <p>[72] FEIGL, JOSEF, DE</p> <p>[72] WILSON, BRAD, US</p> <p>[72] YOUNG, GRANT, US</p> <p>[72] ZINK, BRAD, DE</p> <p>[71] VERTIV CORPORATION, US</p> <p>[85] 2023-06-08</p> <p>[86] 2021-12-22 (PCT/US2021/064876)</p> <p>[87] (WO2022/140550)</p> <p>[30] US (63/129,035) 2020-12-22</p> <p>[30] US (17/557,498) 2021-12-21</p>

<p>[21] 3,201,717 [13] A1</p> <p>[51] Int.Cl. C10L 5/44 (2006.01) C10L 9/08 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR BIOCARBON PRODUCTION</p> <p>[54] SYSTEMES ET PROCÉDES DE PRODUCTION DE BIOCARBONE</p> <p>[72] YAN, NING, CA</p> <p>[72] TANGUY, NICOLAS, CA</p> <p>[71] CHAR BIOCARBON INC., CA</p> <p>[85] 2023-06-08</p> <p>[86] 2021-12-09 (PCT/CA2021/051768)</p> <p>[87] (WO2022/120486)</p> <p>[30] US (63/124,304) 2020-12-11</p>

<p>[21] 3,201,719 [13] A1</p> <p>[51] Int.Cl. G02B 5/136 (2006.01)</p> <p>[25] EN</p> <p>[54] MOUNT FOR AN OPTICAL STRUCTURE AND METHOD OF MOUNTING THE OPTICAL STRUCTURE TO THE MOUNT</p> <p>[54] MONTURE POUR UNE STRUCTURE OPTIQUE ET PROCÉDÉ DE MONTAGE DE LA STRUCTURE OPTIQUE SUR LA MONTURE</p> <p>[72] VISHNIA, ITAI, US</p> <p>[71] PLX, INC., US</p> <p>[85] 2023-06-08</p> <p>[86] 2021-11-19 (PCT/US2021/072509)</p> <p>[87] (WO2022/133379)</p> <p>[30] US (17/122,418) 2020-12-15</p>

<p>[21] 3,201,721 [13] A1</p> <p>[51] Int.Cl. C25B 15/02 (2021.01) H01M 8/04223 (2016.01) H01M 8/043 (2016.01) H01M 8/04746 (2016.01) C25B 15/021 (2021.01) H01M 8/12 (2016.01)</p> <p>[25] FR</p> <p>[54] METHOD FOR OPERATING IN HOT STAND-BY MODE A SOFC FUEL CELL OR SOEC REACTOR</p> <p>[54] PROCÉDÉ DE FONCTIONNEMENT EN MODE STAND-BY CHAUD D'UNE PILE À COMBUSTIBLE SOFC OU D'UN REACTEUR SOEC</p> <p>[72] LACROIX, VINCENT, FR</p> <p>[72] AICART, JEROME, FR</p> <p>[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR</p> <p>[85] 2023-06-08</p> <p>[86] 2021-12-10 (PCT/EP2021/085206)</p> <p>[87] (WO2022/123015)</p> <p>[30] FR (FR2013059) 2020-12-11</p>

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 - [25] EN
 - [54] BIOPROCESSING OF PROTEIN WITH PROBIOTIC BACTERIA TO IMPROVE AMINO ACID AND PEPTIDE AVAILABILITY
 - [54] BIOTRAITEMENT DE PROTEINE AVEC BACTERIES PROBIOTIQUES POUR AMELIORER L'ACIDE AMINE
 - [72] MARTTINEN, MAIJA EMILIA, FI
 - [72] SAARINEN, MARKKU, FI
 - [72] LAITILA, ARJA, FI
 - [72] NURMINEN, PAIVI, FI
 - [72] LEHTINEN, MARKUS, FI
 - [72] ANJUM, MEHREEN, FI
 - [71] DUPONT NUTRITION BIOSCIENCES APS, DK
 - [85] 2023-06-08
 - [86] 2021-12-13 (PCT/EP2021/085499)
 - [87] (WO2022/128922)
 - [30] EP (20214199.0) 2020-12-15
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[21] 3,201,724
[13] A1

- [51] Int.Cl. A01K 1/00 (2006.01) B29C 61/00 (2006.01) D07B 1/16 (2006.01)
- [25] EN
- [54] FLEXIBLE STALL DIVIDER
- [54] SEPARATEUR DE LOGETTES FLEXIBLE
- [72] BELJEAN, YANN, FR
- [72] FIALON, PIERRE, FR
- [71] SPEED FRANCE SAS, FR
- [85] 2023-06-08
- [86] 2021-10-04 (PCT/EP2021/077293)
- [87] (WO2022/135759)
- [30] EP (20306638.6) 2020-12-21

[21] 3,201,726
[13] A1

- [51] Int.Cl. A01D 75/18 (2006.01) A01D 57/30 (2006.01)
 - [25] EN
 - [54] AGRICULTURAL MOUNTED IMPLEMENT WITH CLEANING UNIT
 - [54] ACCESSOIRE AGRICOLE MONTE POURVU D'UNE UNITE DE NETTOYAGE
 - [72] KUHLENKAMP, AUGUST, DE
 - [71] KUHLENKAMP, AUGUST, DE
 - [85] 2023-06-08
 - [86] 2021-12-10 (PCT/DE2021/100995)
 - [87] (WO2022/127989)
 - [30] DE (20 2020 107 384.2) 2020-12-18
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[13] A1

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- [25] EN
- [54] IMPROVING PROTEIN DIGESTION AND AMINO ACID BIOAVAILABILITY BY PROBIOTIC STRAINS
- [54] AMELIORATION DE LA DIGESTION DE PROTEINES ET DE LA BIODISPOBILITE D'ACIDES AMINES PAR DES SOUCHES PROBIOTIQUES
- [72] MARTTINEN, MAIJA EMILIA, FI
- [72] SAARINEN, MARKKU, FI
- [72] LAITILA, ARJA, FI
- [72] NURMINEN, PAIVI, FI
- [72] LEHTINEN, MARKUS, FI
- [72] ANJUM, MEHREEN, FI
- [71] DUPONT NUTRITION BIOSCIENCES APS, DK
- [85] 2023-06-08
- [86] 2021-12-13 (PCT/EP2021/085506)
- [87] (WO2022/128927)
- [30] EP (20214191.7) 2020-12-15

[21] 3,201,728
[13] A1

- [51] Int.Cl. H04W 74/00 (2009.01) H04W 74/08 (2009.01)
 - [25] EN
 - [54] SLICE-SPECIFIC RANDOM ACCESS CONFIGURATION
 - [54] CONFIGURATION D'ACCES ALEATOIRE SPECIFIQUE A UNE TRANCHE
 - [72] LOHR, JOACHIM, DE
 - [72] CHOI, HYUNG-NAM, DE
 - [72] BASU MALICK, PRATEEK, DE
 - [72] VELEV, GENADI, DE
 - [71] LENOVO (SINGAPORE) PTE. LTD., SG
 - [85] 2023-06-08
 - [86] 2022-01-14 (PCT/IB2022/050307)
 - [87] (WO2022/153242)
 - [30] US (63/137,614) 2021-01-14
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[21] 3,201,729
[13] A1

- [51] Int.Cl. C07K 16/28 (2006.01) C07K 14/54 (2006.01) C07K 14/55 (2006.01)
- [25] EN
- [54] BIFUNCTIONAL ANTI-PD1/IL-7 MOLECULES
- [54] MOLECULES BIFONCTIONNELLES ANTI-PD1/IL-7
- [72] POIRIER, NICOLAS, FR
- [72] MARY, CAROLINE, FR
- [72] MORELLO, AURORE, FR
- [72] SEITE, MARGAUX, FR
- [71] OSE IMMUNOTHERAPEUTICS, FR
- [85] 2023-06-08
- [86] 2021-12-17 (PCT/EP2021/086471)
- [87] (WO2022/129512)
- [30] EP (PCT/EP2020/086600) 2020-12-17
- [30] EP (21305462.0) 2021-04-09
- [30] EP (21200350.3) 2021-09-30

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[21] **3,201,730**

[13] A1

[51] **Int.Cl. B08B 3/02 (2006.01)**

[25] EN

[54] **CLEANING SYSTEM,
CONVEYING DEVICE AND
SEPARATING DEVICE FOR
INSECTS OR WORMS AND
CORRESPONDING METHODS**

[54] **SYSTEME DE NETTOYAGE,
DISPOSITIF DE TRANSPORT ET
DISPOSITIF DE SEPARATION
POUR INSECTES OU VERS, ET
PROCEDES CORRESPONDANTS**

[72] AARTS, KEES WILHELMUS
PETRUS, NL

[72] JANSEN, MAURITS PETRUS
MARIA, NL

[72] HARMS, STIJN, NL

[72] DE WOLF, LUC, NL

[71] BUHLER AG, CH

[85] 2023-06-08

[86] 2021-12-10 (PCT/EP2021/085211)

[87] (WO2022/123017)

[30] EP (20 213 352.6) 2020-12-11

[21] **3,201,731**

[13] A1

[51] **Int.Cl. A61B 17/34 (2006.01) A61M
13/00 (2006.01)**

[25] EN

[54] **GASEOUS SEALING MANIFOLD
ASSEMBLY FOR SURGICAL GAS
DELIVERY SYSTEM**

[54] **ENSEMBLE COLLECTEUR A
ETANCHEITE GAZEUSE POUR
SYSTEME D'ADMINISTRATION
DE GAZ CHIRURGICAL**

[72] KOLTZ, MICHAEL, JR., US

[71] CONMED CORPORATION, US

[85] 2023-06-08

[86] 2022-01-20 (PCT/US2022/013051)

[87] (WO2022/159537)

[30] US (17/155,572) 2021-01-22

[30] US (17/340,519) 2021-06-07

[30] US (17/155,478) 2021-01-22

[21] **3,201,732**

[13] A1

[51] **Int.Cl. C07H 19/067 (2006.01) A61K
47/54 (2017.01) A61K 31/7068
(2006.01) A61P 31/14 (2006.01)**

[25] EN

[54] **SYNTHESIS OF ANTIVIRAL
NUCLEOSIDES**

[54] **SYNTHESE DE NUCLEOSIDES
ANTIVIRAUX**

[72] BENKOVICS, TAMAS, US

[72] FIER, PATRICK S., US

[72] FRYSZKOWSKA, ANNA, US

[72] HUFFMAN, MARK A., US

[72] ITOH, TETSUJI, US

[72] KONG, JONGROCK, US

[72] MALIGRES, PETER E., US

[72] MALONEY, KEVIN M., US

[72] MCINTOSH, JOHN, US

[72] MURPHY, GRANT S., US

[72] SILVERMAN, STEVEN M., US

[72] YANG, HAO, US

[71] MERCK SHARP & DOHME LLC, US

[85] 2023-06-08

[86] 2021-12-17 (PCT/US2021/064021)

[87] (WO2022/133205)

[30] US (63/127,484) 2020-12-18

[30] US (63/182,171) 2021-04-30

[30] US (63/192,912) 2021-05-25

[21] **3,201,735**

[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B
17/34 (2006.01) A61M 13/00 (2006.01)**

[25] EN

[54] **SOLENOIDS FOR INSUFFLATION
SYSTEMS**

[54] **SOLENOÏDES POUR SYSTÈMES
D'INSUFFLATION**

[72] KOLTZ, MICHAEL L., JR., US

[71] CONMED CORPORATION, US

[85] 2023-06-08

[86] 2022-03-07 (PCT/US2022/019073)

[87] (WO2022/192101)

[30] US (63/158,090) 2021-03-08

[21] **3,201,736**

[13] A1

[51] **Int.Cl. H01F 7/02 (2006.01) G01R
33/383 (2006.01)**

[25] EN

[54] **POLE PIECE**

[54] **PIECE POLAIRE**

[72] GALLAGHER, NEAL, CA

[72] LESKOWITZ, GARETT M., CA

[72] PAULSON, ADAM, CA

[72] WRIGHT, COLTEN, CA

[71] NANALYSIS CORP., CA

[85] 2023-06-08

[86] 2021-12-13 (PCT/CA2021/051793)

[87] (WO2022/120502)

[30] US (63/124,612) 2020-12-11

[21] **3,201,737**

[13] A1

[51] **Int.Cl. B65G 1/04 (2006.01) B65G
43/00 (2006.01)**

[25] EN

[54] **GRID SURVEY MODULE**

[54] **MODULE D'ÉTUDE DE GRILLE**

[72] DJUVE, HEGGEBO JØRGEN, NO

[72] MÆHLE, OLE ALEXANDER, NO

[72] ROGNE, VEMUND, NO

[72] EIDE, JONATHAN, NO

[71] AUTOSTORE TECHNOLOGY AS,
NO

[85] 2023-06-08

[86] 2022-02-04 (PCT/EP2022/052764)

[87] (WO2022/167609)

[30] NO (20210162) 2021-02-08

[21] **3,201,738**

[13] A1

[51] **Int.Cl. B29C 64/165 (2017.01) B33Y
40/20 (2020.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR
PROCESSING FIBER-**

**REINFORCED COMPOSITES IN
ADDITIONAL MANUFACTURING**

[54] **SYSTÈME ET PROCÉDÉ DE
TRAITEMENT DE COMPOSITES
RENFORCES PAR DES FIBRES
DANS UNE FABRICATION
ADDITIONNELLE**

[72] ELDERFIELD, NICHOLAS, CA

[72] WONG, JOANNA, CA

[71] UTI LIMITED PARTNERSHIP, CA

[85] 2023-06-08

[86] 2021-12-07 (PCT/CA2021/051747)

[87] (WO2022/120468)

[30] US (63/122,971) 2020-12-09

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[21] 3,201,740
[13] A1

[51] Int.Cl. F16L 55/30 (2006.01)
[25] EN
[54] APPARATUS FOR PROPULSION AND OPERATIONS INSIDE A CYLINDRICAL BODY
[54] APPAREIL POUR LA PROPULSION ET DES OPERATIONS A L'INTERIEUR D'UN CORPS CYLINDRIQUE
[72] HAUKom, IVAR, NO
[72] SKAGESTAD, TROND, NO
[71] PIPE SNAKE AS, NO
[85] 2023-06-08
[86] 2021-12-16 (PCT/EP2021/086186)
[87] (WO2022/129328)
[30] NO (20201391) 2020-12-17

[21] 3,201,741
[13] A1

[51] Int.Cl. B60P 1/32 (2006.01) B60P 1/54 (2006.01) B66F 9/06 (2006.01) B66F 9/075 (2006.01) B66F 9/08 (2006.01) B66F 9/12 (2006.01)
[25] EN
[54] REAR MOUNTED LIFT FOR OVER-THE-ROAD VEHICLE
[54] DISPOSITIF DE LEVAGE MONTE A L'ARRIERE POUR VEHICULE SUR ROUTE
[72] BALTHAZOR, STEVE, US
[71] BALTHAZOR, STEVE, US
[85] 2023-06-08
[86] 2021-12-22 (PCT/US2021/064815)
[87] (WO2022/140519)
[30] US (63/129,827) 2020-12-23

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[51] Int.Cl. E02D 5/80 (2006.01) E02D 17/20 (2006.01) E21D 21/00 (2006.01)
[25] EN
[54] CORROSION PROTECTION DEVICE, CORROSION PROTECTION SYSTEM, CORROSION-PROTECTED EMBANKMENT STABILISATION SYSTEM, AND METHOD FOR CORROSION-PROTECTED ANCHORING OF A GEOTECHNICAL ANCHOR ELEMENT
[54] DISPOSITIF DE PROTECTION CONTRE LA CORROSION, SYSTEME DE PROTECTION CONTRE LA CORROSION, SYSTEME DE STABILISATION DE REMBLAI PROTEGE CONTRE LA CORROSION ET PROCEDE D'ANCRAGE PROTEGE CONTRE LA CORROSION D'UN ELEMENT D'ANCRAGE GEOTECHNIQUE
[72] EICHER, MANUEL, CH
[71] GEOBRUGG AG, CH
[85] 2023-06-08
[86] 2021-11-30 (PCT/EP2021/083533)
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[25] EN
[54] METHOD OF PRODUCING A RECOMBINANT ADENO-ASSOCIATED VIRUS PARTICLE
[54] PROCEDE DE PRODUCTION D'UNE PARTICULE DE VIRUS ADENO-ASSOCIE RECOMBINANT
[72] STADELMAN, ROBERT, US
[72] STARTT, DONALD, US
[71] REGENXBIO INC., US
[85] 2023-06-08
[86] 2021-12-16 (PCT/US2021/063739)
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[30] US (63/126,405) 2020-12-16

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[25] EN
[54] WIPER PLUG
[54] BOUCHON DE CIMENTATION
[72] BUDDE, MARCEL, NL
[71] WEATHERFORD NETHERLANDS, B.V., NL
[85] 2023-06-08
[86] 2021-12-08 (PCT/EP2021/084761)
[87] (WO2022/148589)
[30] US (17/145,137) 2021-01-08

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[25] EN
[54] MOTION ADJUSTMENT PREDICTION SYSTEM
[54] SYSTEME DE PREDICTION D'AJUSTEMENT DE DEPLACEMENT
[72] HULTGREN, BRUCE WILLARD, US
[71] HULTGREN DENTAL TECHNOLOGIES, LLC, US
[85] 2023-06-08
[86] 2021-12-07 (PCT/US2021/062250)
[87] (WO2022/125577)
[30] US (63/199,158) 2020-12-10

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[51] Int.Cl. G06T 7/00 (2017.01) G06T 19/00 (2011.01) G06T 19/20 (2011.01) G06T 17/00 (2006.01)
[25] EN
[54] 3-D RECONSTRUCTION USING AUGMENTED REALITY FRAMEWORKS
[54] RECONSTRUCTION 3D A L'AIDE D'INFRASTRUCTURES DE REALITE AUGMENTEE
[72] UPENDRAN, MANISH, US
[72] CASTILLO, WILLIAM, US
[72] DZITSIUK, JENA, US
[72] ZHOU, YUNWEN, US
[72] THOMAS, MATTHEW, US
[72] MURALI, GIRIDHAR, US
[72] SHREE, ATULYA, US
[71] HOVER INC., US
[85] 2023-06-08
[86] 2021-12-08 (PCT/US2021/062381)
[87] (WO2022/125646)
[30] US (63/123,379) 2020-12-09
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<p>[51] Int.Cl. G01J 3/02 (2006.01)</p> <p>[25] EN</p> <p>[54] LIGHT SENSOR</p> <p>[54] CAPTEUR DE LUMIERE</p> <p>[72] SHERIDAN, MATTHEW, CA</p> <p>[71] NIX SENSOR LTD., CA</p> <p>[85] 2023-06-08</p> <p>[86] 2021-12-07 (PCT/CA2021/051751)</p> <p>[87] (WO2022/120471)</p> <p>[30] US (63/123,257) 2020-12-09</p>

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<p>[51] Int.Cl. A61B 17/12 (2006.01)</p> <p>[25] EN</p> <p>[54] OCCLUSION DEVICE</p> <p>[54] DISPOSITIF D'OCCLUSION</p> <p>[72] LI, ANNING, CN</p> <p>[72] LIU, JIANYONG, CN</p> <p>[71] LIFETECH SCIENTIFIC (SHENZHEN) CO., LTD., CN</p> <p>[85] 2023-06-08</p> <p>[86] 2021-11-16 (PCT/CN2021/130920)</p> <p>[87] (WO2022/121631)</p> <p>[30] CN (202011436103.4) 2020-12-10</p>
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<p>[51] Int.Cl. A61K 38/16 (2006.01) A61P 35/00 (2006.01)</p> <p>[25] EN</p> <p>[54] USE OF SYNTHETIC PEPTIDE FOR THE INDUCTION OF ANTITUMOR AND ANTIVIRAL IMMUNITY</p> <p>[54] UTILISATION DE PEPTIDE SYNTHETIQUE POUR INDUIRE UNE IMMUNITE ANTITUMORALE ET ANTIVIRALE</p> <p>[72] AGUILAR NORIEGA, DAYLEN, CU</p> <p>[72] PEREA RODRIGUEZ, SILVIO ERNESTO, CU</p> <p>[72] PERERA NEGRIN, YASSER, CU</p> <p>[72] VAZQUEZ BLOMQUIST, DANIA MARCIA, CU</p> <p>[72] LEMOS PEREZ, GILDA, CU</p> <p>[72] BALADRON CASTRILLO, IDANIA CARIDAD, CU</p> <p>[72] DIAZ REYES, PABLO ARSENIO, CU</p> <p>[71] CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA, CU</p> <p>[85] 2023-06-08</p> <p>[86] 2021-11-23 (PCT/CU2021/050013)</p> <p>[87] (WO2022/127945)</p> <p>[30] CU (2020-0103) 2020-12-18</p>

<p>[21] 3,201,753 [13] A1</p> <p>[51] Int.Cl. H04W 76/15 (2018.01) H04W 52/24 (2009.01)</p> <p>[25] EN</p> <p>[54] SIMULTANEOUS TRANSMIT AND RECEIVE (STR) MULTI-LINK OPERATION</p> <p>[54] OPERATION SUR PLUSIEURS LIAISONS D'EMISSION ET DE RECEPTION SIMULTANÉES (STR)</p> <p>[72] AMBEDE, ABHISHEK, SE</p> <p>[72] WILHELMSSON, LEIF, SE</p> <p>[72] LOPEZ, MIGUEL, DE</p> <p>[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE</p> <p>[85] 2023-06-08</p> <p>[86] 2020-12-09 (PCT/EP2020/085331)</p> <p>[87] (WO2022/122151)</p>
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<p>[51] Int.Cl. A61K 31/4162 (2006.01) A61P 3/00 (2006.01) C07D 491/052 (2006.01)</p> <p>[25] EN</p> <p>[54] PREPARATION OF TETRAHYDROINDAZOLE DERIVATIVES AS NOVEL DIACYLGLYCERIDE O-ACYLTRANSFERASE 2 INHIBITORS</p> <p>[54] PREPARATION DE DERIVES DE TETRAHYDROINDAZOLE EN TANT QUE NOUVEAUX INHIBITEURS DE DIACYLGLYCERIDE O-ACYLTRANSFERASE 2</p> <p>[72] BAO, JIANMING, US</p> <p>[72] CHENG, CHEN, US</p> <p>[72] CRUZ, FABEN A., US</p> <p>[72] LIM, YEON-HEE, US</p> <p>[72] HUGELSHOFER, CEDRIC L., US</p> <p>[72] JIANG, JINLONG, US</p> <p>[72] MAK, VICTOR W., US</p> <p>[72] SOUTHGATE, EMMA HELEN, US</p> <p>[71] MERCK SHARP & DOHME LLC, US</p> <p>[85] 2023-06-08</p> <p>[86] 2021-12-17 (PCT/US2021/063948)</p> <p>[87] (WO2022/140169)</p> <p>[30] US (63/128,915) 2020-12-22</p>
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<p style="text-align: right;">[21] 3,201,757 [13] A1</p> <p>[51] Int.Cl. C12N 1/18 (2006.01) C12N 9/00 (2006.01) C12N 9/02 (2006.01) C12N 9/10 (2006.01) C12N 9/88 (2006.01) C12P 17/06 (2006.01)</p> <p>[25] EN</p> <p>[54] RECOMBINANT ACYL ACTIVATING ENZYME (AAE) GENES FOR ENHANCED BIOSYNTHESIS OF CANNABINOIDS AND CANNABINOID PRECURSORS</p> <p>[54] GENES RECOMBINES D'ENZYME ACTIVATRICE D'ACYLE (AAE) POUR UNE BIOSYNTHÈSE AMELIORÉE DES CANNABINOÏDES ET DES PRECURSEURS DE CANNABINOÏDES</p> <p>[72] SCHUETZ, MATHIAS, CA</p> <p>[72] PYC, MICHAL, CA</p> <p>[71] WILLOW BIOSCIENCES, INC., CA</p> <p>[71] EPIMERON USA, INC., US</p> <p>[85] 2023-06-08</p> <p>[86] 2021-12-10 (PCT/US2021/062910)</p> <p>[87] (WO2022/125960)</p> <p>[30] US (63/124,526) 2020-12-11</p>	<p style="text-align: right;">[21] 3,201,759 [13] A1</p> <p>[51] Int.Cl. A61K 31/352 (2006.01) A61K 31/365 (2006.01) A61K 31/366 (2006.01) A61K 31/381 (2006.01) A61P 31/04 (2006.01)</p> <p>[25] EN</p> <p>[54] PHARMACEUTICAL APPLICATION OF FUSED RING PHENOLIC COMPOUND</p> <p>[54] APPLICATION PHARMACEUTIQUE D'UN COMPOSE PHENOLIQUE A CYCLES CONDENSES</p> <p>[72] JI, XIANG, CN</p> <p>[71] RISEN (SUZHOU) PHARMA TECH CO., LTD., CN</p> <p>[85] 2023-06-08</p> <p>[86] 2021-12-09 (PCT/CN2021/136707)</p> <p>[87] (WO2022/121977)</p> <p>[30] CN (202011453853.2) 2020-12-09</p>	<p style="text-align: right;">[21] 3,201,761 [13] A1</p> <p>[51] Int.Cl. C12N 9/10 (2006.01) C12N 15/77 (2006.01) C12P 13/06 (2006.01)</p> <p>[25] EN</p> <p>[54] NOVEL .GAMMA.- AMINOBUTYRATE PERMEASE VARIANT AND METHOD FOR PRODUCING ISOLEUCINE BY USING SAME</p> <p>[54] NOUVEAU VARIANT DE PERMEASE DE .GAMMA.- AMINOBUTYRATE ET PROCEDE DE PRODUCTION D'ISOLEUCINE PAR SON UTILISATION</p> <p>[72] KIM, KYUNGRIM, KR</p> <p>[72] SHIM, JIHYUN, KR</p> <p>[72] KIM, HEYEONG, KR</p> <p>[72] CHOI, WOOSUNG, KR</p> <p>[72] LEE, KWANG WOO, KR</p> <p>[71] CJ CHEILJEDANG CORPORATION, KR</p> <p>[85] 2023-06-08</p> <p>[86] 2021-12-08 (PCT/KR2021/018520)</p> <p>[87] (WO2022/124786)</p> <p>[30] KR (10-2020-0173743) 2020-12-11</p>

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<p>[21] 3,201,763 [13] A1</p> <p>[51] Int.Cl. F25J 1/00 (2006.01)</p> <p>[25] EN</p> <p>[54] LNG PROCESS USING FEEDSTOCK AS PRIMARY REFRIGERANT</p> <p>[54] PROCEDE DE GNL UTILISANT UNE CHARGE D'ALIMENTATION EN TANT QUE FLUIDE FRIGORIGENE PRIMAIRE</p> <p>[72] MORRIS, IAN, CA</p> <p>[72] LAGADIN, JOHN (DECEASED), XX</p> <p>[71] JL ENERGY TRANSPORTATION INC., CA</p> <p>[85] 2023-06-08</p> <p>[86] 2021-12-17 (PCT/CA2021/051842)</p> <p>[87] (WO2022/126282)</p> <p>[30] US (63/127,548) 2020-12-18</p>

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<p>[21] 3,201,769 [13] A1</p> <p>[51] Int.Cl. A61K 38/17 (2006.01) A61P 37/02 (2006.01)</p> <p>[25] EN</p> <p>[54] PEPTIDE COMPOSITION FOR IMMUNOTHERAPY</p> <p>[54] COMPOSITION DE PEPTIDES POUR L'IMMUNOTHERAPIE</p> <p>[72] PEREZ TAPIA, SONIA MAYRA, MX</p> <p>[72] VALLEJO CASTILLO, LUIS ALBERTO, MX</p> <p>[71] INSTITUTO POLITECNICO NACIONAL (IPN), MX</p> <p>[85] 2023-06-08</p> <p>[86] 2020-12-09 (PCT/IB2020/061715)</p> <p>[87] (WO2022/123298)</p>
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 - [25] EN
 - [54] IMMUNOGLOBULIN LIGHT CHAIN ANTIBODIES AND USES THEREOF
 - [54] ANTICORPS DE CHAINE LEGERE D'IMMUNOGLOBINE ET LEURS UTILISATIONS
 - [72] CHAKRABARTTY, AVIJIT, CA
 - [72] SUN, YULONG, CA
 - [72] GALANT, NATALIE J., CA
 - [72] HADLEY, KEVIN C., CA
 - [72] WING, MEGHAN A., CA
 - [71] UNIVERSITY HEALTH NETWORK, CA
 - [85] 2023-06-08
 - [86] 2021-12-13 (PCT/IB2021/000897)
 - [87] (WO2022/130023)
 - [30] US (63/125,281) 2020-12-14
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[21] 3,201,781
[13] A1

- [51] Int.Cl. A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01)
 - [25] EN
 - [54] ROR1-SPECIFIC VARIANT ANTIGEN BINDING MOLECULES
 - [54] MOLECULES DE LIAISON A UN ANTIGENE VARIANT SPECIFIQUE DE ROR1
 - [72] TRUMPER, PAUL RICHARD, GB
 - [72] THOM, JENNIFER, GB
 - [72] KAMENSKI, ANDREI, GB
 - [72] COTTON, GRAHAM JOHN, GB
 - [72] BARELLE, CAROLINE JANE, GB
 - [72] KOVALEVA, MARINA, GB
 - [72] PORTER, ANDREW JUSTIN RADCLIFFE, GB
 - [71] ALMAC DISCOVERY LIMITED, GB
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 - [54] MAILLON FUSIBLE A HYDROGENE
 - [72] CHIN, YU-SHAN, CA
 - [72] CLOUTHIER, ANTHONY, CA
 - [72] LIANG, ZHE, CA
 - [72] GARDNER, LEE, CA
 - [72] MURPHY, JOSHUA, CA
 - [71] ATOMIC ENERGY OF CANADA LIMITED/ENERGIE ATOMIQUE DU CANADA LIMITEE, CA
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- [54] RECHARGEABLE FLOW BATTERY
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- [72] MAGAGNIN, LUCA, IT
- [72] ACCOGLI, ALESSANDRA, IT
- [72] SALERNO, MATTEO, IT
- [72] BERTOLI, LUCA, IT
- [72] PANZERI, GABRIELE, IT
- [71] POLITECNICO DI MILANO, IT
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 - [54] DISPERSION AQUEUSE D'ETHYLCELLULOSE
 - [72] HILTUNEN, JAAKKO, FI
 - [72] TURKKI, TARJA, FI
 - [71] OYJ, KEMIRA, FI
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- [54] TRAITEMENT DE PATIENTS ATTEINTS DE CANCER PAR DES THERAPIES DE LYMPHOCYTES INFILTRANT LES TUMEURS EN COMBINAISON AVEC DES INHIBITEURS DE BRAF ET/OU DES INHIBITEURS DE MEK
- [72] FARDIS, MARIA, US
- [71] IOVANCE BIOTHERAPEUTICS, INC., US
- [85] 2023-06-09
- [86] 2021-12-10 (PCT/US2021/062874)
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 [54] PROCEDE DE CULTURE DE
 PLANTES
 [72] JANSEN, FRANK HENDRIKUS
 PETER, DK
 [72] BARTNIK JOHANSSON, DORTE, DK
 [72] NIKOLIC, MIROSLAV, DK
 [71] ROCKWOOL A/S, DK
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 COMPOSITIONS AND METHODS
 OF MAKING SAME
 [54] COMPOSITIONS D'ACIDE
 HYDROXYCARBOXYLIQUE DE
 GRANDE PURETE ET LEURS
 PROCEDES DE PRODUCTION
 [72] LOFTIS, KEVIN, US
 [72] HUNT, SEAN, US
 [72] NGUYEN, PETER, US
 [72] PATEL, PARTH, US
 [71] SOLUGEN, INC., US
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 [54] PROCEDE DE DRAINAGE D'EAU
 [72] DE KUBBER, DAAN, DK
 [72] EMBORG, MICHAEL, DK
 [72] BARTNIK JOHANSSON, DORTE, DK
 [72] NIKOLIC, MIROSLAV, DK
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 INTERFACE ASSEMBLY
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 MARIN
 [72] GILL, ANEEL, GB
 [71] BALMORAL COMTEC LIMITED, GB
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 FOR GENE EDITING WITH
 WOOLLY MAMMOTH ALLELES
 [54] COMPOSITIONS ET PROCEDES
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 AVEC DES ALLELES DE
 MAMMOUTH LAINEUX
 [72] CHURCH, GEORGE M., US
 [72] HYSOLLI, ERIONA, US
 [72] WEBER, JESSICA, US
 [72] CHATTERJEE, PRANAM, US
 [72] SMITH, CORY, US
 [71] PRESIDENT AND FELLOWS OF
 HARVARD COLLEGE, US
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 [54] A CONTROL SYSTEM AND
 METHOD FOR CONTROLLING A
 MICRO-GRID
 [54] SYSTEME DE COMMANDE ET
 PROCEDE PERMETTANT DE
 COMMANDER UN MICRO-
 RESEAU
 [72] CHAPMAN, SEAN CRAWFORD, IT
 [72] SCHMIDT, JAN-JUSTUS, IT
 [72] KRASKO, NIKOLAY V., RU
 [72] AFANASENKO, NIKITA, RU
 [71] ENAPTER S.R.L., IT
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 [54] SYSTEME DE BOISSON
 [72] MURPHY, AUDREY VIRGINIE, CH
 [72] DOGAN, NIHAN, CH
 [72] BONIN, MARILYN ISABELLE, FR
 [71] SOCIETE DES PRODUITS NESTLE
 S.A., CH
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- [54] DISPOSITIFS OPTIQUES COMPRENANT DES MICROLENTILLES ET DES MOTIFS FABRIQUES PAR LASER OU D'AUTRES STRUCTURES, LEUR FABRICATION ET LEUR UTILISATION
- [72] MACPHERSON, CHARLES DOUGLAS, US
- [72] OMRANE, BADR, CA
- [72] MALMBERG, SEAN MAGNUS, CA
- [72] HERMAN, PETER, CA
- [72] HO, STEPHEN PAULCHI, CA
- [72] ALIMOHAMMADIAN, EHSAN, CA
- [71] BANK OF CANADA, CA
- [71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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- [54] SINGLE-USE DISPOSABLE OXYGEN SENSOR
- [54] CAPTEUR D'OXYGENE JETABLE A USAGE UNIQUE
- [72] OH, BONG, US
- [71] NOVA BIOMEDICAL CORPORATION, US
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- [54] CONNECTEUR A RADIOPRÉGRENE A ALIGNEMENT AUTOMATIQUE
- [72] MANTEIGA, CAROLINE, US
- [72] SOUTHARD, TODD E., US
- [72] MERCIER, DENNIS W., US
- [72] PROULX, DENNIS, US
- [72] GOLDBERG, NOAH, US
- [71] RAYTHEON COMPANY, US
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- [25] FR
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- [54] MATERIAUX THERMODURCIS ISSUS DE RESINES PHTHALONITRILES SPECIFIQUES POUR APPLICATIONS A HAUTES TEMPERATURES
- [72] BRANDT, DAMIEN, FR
- [72] CHAUSSOY, NATHANIEL, FR
- [72] GERARD, JEAN-FRANCOIS, FR
- [71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
- [85] 2023-06-09
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- [54] CCR6 ANTIBODIES
- [54] ANTICORPS ANTI-CCR6
- [72] ROBERT, REMY, AU
- [72] MACKAY, CHARLES REAY, AU
- [71] MONASH UNIVERSITY, AU
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- [25] EN
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- [54] TAMPON DE BOISSON ET APPAREIL DE FABRICATION DE DOSETTES SOUPLES DE BOISSON
- [72] RISSER, JULES, NL
- [72] ELBERTSE, HERMANUS CORNELIUS JOZEF, NL
- [72] AHEARN, DANIEL THOMAS, NL
- [72] WALES, DUNCAN JAMES, NL
- [71] KONINKLIJKE DOUWE EGBERTS B.V., NL
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- [54] OPHTHALMIC PROBE ASSEMBLY WITH FLAT WALL TUBE
- [54] ENSEMBLE SONDE OPHTALMIQUE AVEC TUBE A PAROI PLATE
- [72] HEUSER, MICHAEL SCOTT, CH
- [72] RYAN, TIMOTHY C., US
- [72] AGARKAR, MANISH MALHAR, US
- [72] FARLEY, MARK HARRISON, US
- [71] ALCON INC., CH
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 - [25] EN
 - [54] METHODS FOR CLASSIFYING A SAMPLE INTO CLINICALLY RELEVANT CATEGORIES
 - [54] PROCEDES DE CLASSIFICATION D'UN ECHANTILLON EN CATEGORIES CLINIQUEMENT PERTINENTES
 - [72] KOUMBARIS, GEORGE, CY
 - [72] ACHILLEOS, ACHILLEAS, CY
 - [72] ELIADES, ALEXIA, CY
 - [72] LOIZIDES, CHARALAMBOS, CY
 - [72] TSANGARAS, KYRIAKOS, CY
 - [72] KYPRI, ELENA, CY
 - [72] IOANNIDES, MARIOS, CY
 - [72] PATSALIS, PHILIPPOS, CY
 - [71] MEDICOVER BIOTECH LTD, CY
 - [85] 2023-06-09
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- [25] EN
- [54] COVERTIBLE RESCUE BACKPACK
- [54] SAC A DOS DE SAUVETAGE CONVERTIBLE
- [72] RATIGAN, MICHAEL, US
- [71] RATIGAN, MICHAEL, US
- [85] 2023-06-09
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 - [25] EN
 - [54] EXTRACTS OF ISOCHRYYSIS SPECIES / TISOCHRYYSIS SPECIES
 - [54] EXTRAITS D'ESPECES D'ISOCHRYYSIS / D'ESPECES DE TISOCHRYYSIS
 - [72] HERRMANN, MARTINA, DE
 - [72] STUHLMANN, DOMINIK, DE
 - [72] GAEBLER, SANDRA, DE
 - [72] TITZE, NICOLE, DE
 - [72] WESELOH, ANN-CHRISTIN, DE
 - [72] KRALING, RICARDA, DE
 - [71] SYMRISE AG, DE
 - [85] 2023-06-09
 - [86] 2021-12-14 (PCT/EP2021/085773)
 - [87] (WO2022/129101)
 - [30] EP (20213821.0) 2020-12-14
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- [25] EN
- [54] DETACHABLE MODULAR CONSOLE FOR AIRCRAFT COCKPIT
- [54] CONSOLE MODULAIRE DETACHABLE POUR UN POSTE DE PILOTAGE D'AERONEF
- [72] HEATH, HAMISH, AU
- [71] COULSON AVIATION AUSTRALIA PTY LTD, AU
- [71] COULSON AIRCANE LTD., CA
- [85] 2023-06-09
- [86] 2021-12-09 (PCT/CA2021/051765)
- [87] (WO2022/120483)
- [30] US (63/124,045) 2020-12-10

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- [25] EN
- [54] PROCESS FOR THE CONTINUOUS PREPARATION OF (METH)ACRYLATE BY REACTING AN ALCOHOL WITH (METH)ACRYLIC ACID USING AT LEAST ONE CONTROL UNIT WHICH IS CLOSED-LOOP CONTROLLED BY A SENSOR (S)
- [54] PROCEDE DE PREPARATION EN CONTINU DE (METH)ACRYLATE PAR REACTION D'UN ALCOOL AVEC DE L'ACIDE (METH)ACRYLIQUE A L'AIDE D'AU MOINS UNE UNITE DE COMMANDE QUI EST COMMANDEE EN BOUCLE FERMEE PAR UN CAPTEUR (S)
- [72] DE RUITER, CORNELIS HENDRICUS, DE
- [72] KRAMP, MARVIN, DE
- [72] FEUERSTEIN, MAIKE, DE
- [72] MAKARCZYK, PIOTR, DE
- [72] GIESHOFF, TILE, DE
- [72] HERBRECHT, DOMINIK (DECEASED), XX
- [71] BASF SE, DE
- [85] 2023-06-09
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- [25] EN
- [54] LIQUID APPLIED ROOFING FORMULATIONS AND METHODS OF USING THE SAME TO COAT AT LEAST ONE STEEP SLOPE ROOF SUBSTRATE
- [54] PREPARATIONS LIQUIDES POUR TOITURE ET LEURS PROCEDES D'UTILISATION POUR COUVRIR AU MOINS UN SUBSTRAT DE TOIT A FORTE PENTE
- [72] CHICH, ADEM, US
- [72] CHEUNG, WILSON, US
- [72] KIM, KIHYUN, US
- [71] BMIC LLC, US
- [85] 2023-06-09
- [86] 2021-12-08 (PCT/US2021/062456)
- [87] (WO2022/125693)
- [30] US (63/124,369) 2020-12-11

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- [25] EN
- [54] AEROSOL GENERATING APPARATUS FOR CONTROLLING POWER OF HEATER AND OPERATION METHOD THEREOF
- [54] APPAREIL DE GENERATION D'AEROSOL POUR COMMANDER LA PUISSANCE D'UN DISPOSITIF DE CHAUFFAGE ET SON PROCEDE DE FONCTIONNEMENT
- [72] KIM, YONG HWAN, KR
- [72] KIM, DONG SUNG, KR
- [72] LEE, SEUNG WON, KR
- [72] JANG, SEOK SU, KR
- [72] HAN, DAE NAM, KR
- [71] KT&G CORPORATION, KR
- [85] 2023-06-09
- [86] 2022-05-12 (PCT/KR2022/006825)
- [87] (WO2022/265230)
- [30] KR (10-2021-0077427) 2021-06-15

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- [25] EN
- [54] PROCESS FOR THE CONTROLLED DECOMPOSITION OF PEROXO COMPOUNDS
- [54] PROCEDE DE DECOMPOSITION CONTROLEE DE COMPOSES PEROXO
- [72] KEMPTER, ANDREAS, DE
- [72] PIEPENBREIER, FRANK, DE
- [72] BORGMEIER, FRIEDER, DE
- [71] BASF SE, DE
- [85] 2023-06-09
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- [87] (WO2022/122556)
- [30] EP (20212963.1) 2020-12-10

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- [25] EN
- [54] POLYETHERESTER POLYOL AND USE THEREOF FOR PRODUCING POLYURETHANE RIGID FOAM MATERIALS
- [54] POLYOL DE POLYETHER-ESTER ET SON UTILISATION POUR LA PRODUCTION DE MATIERES MOUSSEUSES RIGIDES DE POLYURETHANE
- [72] XU, JIAN FENG, CN
- [72] MENON, SINDHU EASWARA, SG
- [72] ZHANG, YONG HAO, CN
- [72] NIE, ZU BAO, CN
- [71] BASF SE, DE
- [85] 2023-06-09
- [86] 2021-12-02 (PCT/EP2021/083997)
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- [25] EN
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- [54] COMPOSITION BIODEGRADABLE AMELIOREE ET LEURS PROCEDES DE FABRICATION
- [72] WILSON, PETER GREGORY, NZ
- [72] SMITH, DAWN ALISON, NZ
- [72] RISANI, REGIS SYLVAIN REMI, NZ
- [72] THEOBALD, BEATRIX, NZ
- [72] BARBIER, MAXIME, NZ
- [71] PINEHURST ASSOCIATES LIMITED, NZ
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- [25] EN
- [54] LACTOBACILLUS COMPOSITIONS AND METHODS FOR PREVENTION AND TREATMENT OF MICROBIAL INFECTION
- [54] COMPOSITIONS DE LACTOBACILLUS ET METHODES POUR LA PREVENTION ET LE TRAITEMENT D'UNE INFECTION MICROBIENNE
- [72] ZIMMERMAN, NOAH PAUL, US
- [72] WESCOTT, AMY, US
- [71] CHURCH & DWIGHT CO., INC., US
- [85] 2023-06-09
- [86] 2021-12-21 (PCT/US2021/064631)
- [87] (WO2022/140401)
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 - [25] EN
 - [54] BRISTLES HAVING ORAL CARE ADDITIVES CONTAINED THEREIN AND ASSOCIATED METHODS OF MANUFACTURE
 - [54] POILS AYANT DES ADDITIFS DE SOIN BUCCAL CONTENUS DANS CEUX-CI ET PROCEDES DE FABRICATION ASSOCIES
 - [72] HUY, GERHART, US
 - [71] CHURCH & DWIGHT CO., INC., US
 - [85] 2023-06-09
 - [86] 2021-12-20 (PCT/US2021/064375)
 - [87] (WO2022/140266)
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- [25] EN
- [54] FURTHER IMPROVED FERTILIZER
- [54] ENGRAIS DAVANTAGE AMELIORE
- [72] WALKER, CHARLES NORMAN, AU
- [72] HOGAN, NICHOLAS, AU
- [72] DURACK, ELLEN, AU
- [72] KHALIL, ROYA, AU
- [72] HUGHES, TIMOTHY, AU
- [71] INCITEC PIVOT LIMITED, AU
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 - [25] EN
 - [54] AQUEOUS ALKALINE CLEANER SOLUTION FOR GLASS FILLER REMOVAL AND METHOD
 - [54] SOLUTION NETTOYANTE ALCALINE AQUEUSE POUR L'ELIMINATION DE CHARGES DE VERRE ET PROCEDE
 - [72] FRIZ, WOLFGANG, DE
 - [72] GREGORIADES, LAURENCE JOHN, DE
 - [72] KEMPA, STEFAN, DE
 - [71] ATOTECH DEUTSCHLAND GMBH & CO. KG, DE
 - [85] 2023-06-09
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 - [87] (WO2022/123050)
 - [30] EP (20213593.5) 2020-12-11
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 - [54] PROCEDE ET APPAREIL DE COMMUNICATION
 - [72] WANG, NANXIN, CN
 - [72] PENG, WENJIE, CN
 - [72] FAN, QIANG, CN
 - [71] HUAWEI TECHNOLOGIES CO., LTD., CN
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 - [87] (WO2022/120755)
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 - [25] EN
 - [54] ROOF SYSTEM
 - [54] SYSTEME DE TOIT
 - [72] BARTNIK JOHANSSON, DORTE, DK
 - [72] NIKOLIC, MIROSLAV, DK
 - [72] LIND, CHARLOTTE, DK
 - [71] ROCKWOOL A/S, DK
 - [85] 2023-06-09
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 - [54] LAVAGE ACIDE DE BOUE ROUGE (RESIDU DE BAUXITE)
 - [72] TANVAR, HIMANSHU, US
 - [72] MISHRA, BRAJENDRA, US
 - [71] WORCESTER POLYTECHNIC INSTITUTE, US
 - [85] 2023-06-09
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- [71] XCMR INC., US
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 - [54] COMPOSITION COMPRISING AN ANTIBODY WHICH BINDS TO HUMAN PRDX4 PRESENT ON THE CELL SURFACE OF A TARGET CELL
 - [54] COMPOSITION COMPRENANT UN ANTICORPS QUI SE LIE A PRDX4 HUMAIN PRESENT SUR LA SURFACE CELLULAIRE D'UNE CELLULE CIBLE
 - [72] ZEIDLER, REINHARD, DE
 - [71] HELMHOLTZ ZENTRUM MUNCHEN DEUTSCHES FORSCHUNGSZENTRUM FÜR GESUNDHEIT UND UMWELT (GMBH), DE
 - [71] EXIMMIUM BIOTECHNOLOGIES GMBH, DE
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- [54] TERRAIN DE SPORT DOTE D'UNE COUCHE DE SOUPLESSE
- [72] DE VRIES, LINDA, DK
- [72] BARTNIK JOHANSSON, DORTE, DK
- [72] NIKOLIC, MIROSLAV, DK
- [71] ROCKWOOL A/S, DK
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 - [72] NISHIJIMA, MASAHIRO, JP
 - [71] SHARP KABUSHIKI KAISHA, JP
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- [54] SYSTEME ET PROCEDE DE SURVEILLANCE, D'IDENTIFICATION ET D'ENREGISTREMENT D'ETAT DE RUCHE
- [72] ROBERGE, MARC-ANDRE, CA
- [72] HENRY, EVAN, CA
- [72] LAURENT, BASTIEN, CA
- [72] PELLERIN, UGO, CA
- [72] DE BRIEY, XAVIER, CA
- [72] CHENARD, JEAN-SAMUEL, CA
- [71] TECHNOLOGIES NECTAR INC., CA
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 - [54] HOMOGENEISATION DE FEUILLES HETEROGENES POUR PIECES METALLIQUES EN ALLIAGE LEGER
 - [72] MYKULOWYCZ, NICHOLAS, US
 - [72] FORSYTH, ALISON, US
 - [72] LAI, ALAN, US
 - [72] CHEATHAM, LYLE, US
 - [71] ALLOY ENTERPRISES, INC., US
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- [54] COMPOSITIONS ET METHODES COMPRENANT DES ANTAGONISTES DE SFRP2
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- [72] PATTERSON, CAM, US
- [71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
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[54] ASSOCIATION D'UN DISPOSITIF D'ADMINISTRATION DE MEDICAMENT A UNE MONTRE INTELLIGENTE ET A UN SYSTEME D'INFO-DIVERTISSEMENT DE VEHICULE
[72] ALLES, MATTHEW, US
[72] LEE, JOON BOK, US
[71] INSULET CORPORATION, US
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[54] MONO-OXYGENASES DE CYTOCHROME P450 ET LEUR UTILISATION
[72] DANG, THU-THUY T., CA
[72] NGUYEN, TRINH-DON, CA
[72] NGUYEN, TUAN-ANH M., CA
[72] LEUNG, YUEN YEE, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
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[54] MATERIAUX PARTICULAIRES POUR MIMETIQUES DE TISSU
[72] BARTHOLD, JEANNE, US
[72] NEU, COREY P., US
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
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[54] TUBE POUR ARTICLE A FUMER
[72] CARMICHAEL, MISTI JONES, US
[72] SEARS, STEPHEN BENSON, US
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[54] PROCEDE NON DESTRUCTIF DE DETERMINATION DE LA CAPACITE RESIDUELLE D'ARRET D'UN FILTRE ADSORBANT ET BANC D'ESSAI ASSOCIE
[72] CHANDESIRIS, BENOIT, FR
[72] SOUBEYRAND-LENOIR, ESTELLE, FR
[72] SCHIAVO, ALEXANDRE, FR
[72] SOLER, PATRICIA, FR
[72] KERVELLA, MAXIME, FR
[71] ETAT FRANCAIS REPRESENTE PAR LE DELEGUE GENERAL POUR L'ARMEMENT, FR
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[54] SYSTEME ET PROCEDE DE COMMANDE DE LA TENSION DE SYSTEME DE TRANSPORTEUR
[72] CHANG, KIN HUNG JEFFREY, CA
[71] FPS FOOD PROCESS SOLUTIONS CORP., CA
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- [54] SYSTEME DE CANULE INTERNE D'IRRIGATION ET D'ASPIRATION INTRALUMINALE
- [72] HYDE, BLAKE J., US
- [71] HYDE, BLAKE J., US
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- [54] SYSTEMES ET PROCEDES DE RAPPROCHEMENT DE TRANSACTIONS AMELIORE
- [72] MCCORMICK, CRAIG, NZ
- [72] RADA VILELA, JUAN CARLOS, NZ
- [72] OLD, ANASTASIA NADINE, NZ
- [72] ZHANG, QIUYING, NZ
- [72] ROACHE, STANLEY, NZ
- [72] MCNAB, RODGER, NZ
- [71] XERO LIMITED, NZ
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- [54] SYSTEME POUR CONTROLER LA TEMPERATURE D'UNE PUCE MICROFLUIDIQUE ET APPAREIL MICROFLUIDIQUE POUR SURVEILLER UNE SUBSTANCE DANS UNE PUCE MICROFLUIDIQUE COMPRENANT UN TEL SYSTEME

- [72] MAURAY, ALEXIS, FR
- [72] CHASLE, PATRICK, FR
- [72] POTIER, JEAN-CHARLES, FR
- [72] JULLIEN, MARIE-CAROLINE, FR
- [72] AL FARRA, AHMAD, FR
- [72] MONASSE, BERNARD, FR
- [72] SANTANACH CARRERAS, ENRIC, FR
- [71] TOTALENERGIES ONE TECH, FR
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- [54] RESINE DE MATRICE POUR LA PRODUCTION DE MATERIAUX COMPOSITES FIBREUX
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- [72] BALTHASAR, JACLYN, DE
- [71] EVONIK OPERATIONS GMBH, DE
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- [54] PROCEDE ET APPAREIL DE TRAITEMENT DE SIGNAUX
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- [72] GONG, BO, CN
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- [71] HUAWEI TECHNOLOGIES CO., LTD., CN
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- [54] SYSTEME, PROCEDE ET ENSEMBLE POUR LA CULTURE CELLULAIRE
- [72] DETOURNAY, OLIVIER, FR
- [72] MEUNIER, PATRICE, FR
- [71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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- [71] CANON VIRGINIA, INC., US
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[54] DOSETTE DE BOISSON
[72] ANDREWS, RICHARD JOHN, NL
[72] PICHOT, ROMAN AMAURY THIBAUT, NL
[72] OUDEHAND, LEON BERNARD, NL
[72] VAN DEN ELZEN, HENDRIKA JOHANNA MARIA, NL
[72] ANDRIESSEN, JENTE MARIEKE, NL
[72] SEKERCI, DEMET, NL
[72] CADORE PIMENTEL, GABRIELA, NL
[71] KONINKLIJKE DOUWE EGBERTS B.V., NL
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[25] EN
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[54] PRODUITS DE CONSOMMATION COMPRENANT DES PARTICULES DE LIVRAISON AVEC DES RATIOS NOYAU/PAROI ELEVES
[72] SMETS, JOHAN, BE
[72] PINTENS, AN, BE
[72] CHAKAR, FADI SELIM, US
[72] FENG, LINSHENG, US
[72] NEUMAN, PRESLEY GENEVIE, US
[72] BOBNOCK, ROBERT STANLEY, US
[72] LAMEIRAS DOMINGUES, JOANA ANDREIA, BE
[72] RODRIGO-GOMEZ, RAUL, BE
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] PISTON PLONGEUR OVALE AVEC CANAUX D'EGALISATION DE PRESSION A JOINT TORIQUE PERMETTANT D'AMELIORER LES PERFORMANCES DE FUITE
[72] ANDERSON, NICHOLAS P., US
[72] KUNAPARAJU, NITISH KUMAR VARMA, US
[71] BECTON, DICKINSON AND COMPANY, US
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[25] EN
[54] METHOD OF TREATING A FABRIC WITH DELIVERY PARTICLES
[54] PROCEDE DE TRAITEMENT D'UN TISSU AVEC DES PARTICULES DE DISTRIBUTION
[72] FERNANDEZ-PRIETO, SUSANA, BE
[72] TAIRON, CEDRIC MARC, BE
[72] SMETS, JOHAN, BE
[72] FENG, LINSHENG, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] SYSTEMES ET PROCEDES DE TRACAGE DE DONNEES
[72] THUMA, JOHN, US
[72] NARGASSANS, TIMOTHY CHARLES, US
[71] FIDELITY INFORMATION SERVICES, LLC, US
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[25] EN
[54] COMBINATION THERAPY OF INSULINOTROPIC PEPTIDE AND GLP-2, FOR PREVENTING OR TREATING SHORT BOWEL SYNDROME
[54] POLYTERAPIE ASSOCIANTE UN PEPTIDE INSULINOTROPE ET GLP-2, POUR LA PREVENTION OU LE TRAITEMENT DU SYNDROME DU GRELE COURT
[72] CHOI, JAE HYUK, KR
[72] LEE, JIN BONG, KR
[72] LEE, SANG HYUN, KR
[72] KWON, HYUN JOO, KR
[72] HONG, SUNG HEE, KR
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[71] HANMI PHARM. CO., LTD., KR
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[54] PROCEDES ET APPAREILS POUR UN TRAITEMENT PAR RADIOABLATION
[72] HONEGGER, JONAS MICHAEL, CH
[72] ATTANASI, FRANCESCA, CH
[71] VARIAN MEDICAL SYSTEMS, INC., US
[71] SIEMENS HEALTHINEERS INTERNATIONAL AG, CH
[85] 2023-06-09
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[25] EN
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[54] CRIBLAGE DE MICROBES FLUORESCENTS A L'AIDE D'UN DISPOSITIF MICROFABRIQUE
[72] EMERY, CRYSTAL, US
[71] ISOLATION BIO INC., US
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[54] SUBSTRAT PROTEIQUE POUR LIER UN FACTEUR DE CROISSANCE
[72] LEE, SANG JAE, KR
[72] HONG, BONG JIN, KR
[72] PARK, MIN CHUL, KR
[71] TME THERAPEUTICS CO., LTD., KR
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[30] US (63/126,245) 2020-12-16

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[25] EN
[54] MULTIFUNCTIONAL GRAPPLE-HEEL COMBINATION DEVICE FOR USE WITH A MANIPULATION MACHINE
[54] DISPOSITIF COMBINE GRAPPIN-TALON MULTIFONCTION DESTINE A ETRE UTILISE AVEC UNE MACHINE DE MANIPULATION
[72] EELLS, BRETT, US
[71] TREKLOS, LLC, US
[85] 2023-06-09
[86] 2021-04-16 (PCT/IB2021/053174)
[87] (WO2022/123328)
[30] US (63/124,636) 2020-12-11

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[25] EN
[54] TREATMENT COMPOSITIONS WITH PRO-FRAGRANCE SILICONE POLYMERS THAT COMPRISSE HETEROCYCLIC MOIETIES
[54] COMPOSITIONS DE TRAITEMENT AVEC DES POLYMERES DE SILICONE PRO-PARFUM QUI COMPRENNENT DES FRAGMENTS HETEROCYCLIQUES
[72] NATOLI, SEAN NICHOLAS, US
[72] KLUESENER, BERNARD WILLIAM, US
[72] PANANDIKER, RAJAN KESHAV, US
[72] MIRACLE, GREGORY SCOT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2023-06-09
[86] 2021-12-07 (PCT/US2021/072770)
[87] (WO2022/126093)
[30] US (63/122,960) 2020-12-09
[30] US (63/165,841) 2021-03-25

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[51] Int.Cl. C12N 15/113 (2010.01)
[25] EN
[54] RNA THERAPEUTICS AND METHODS OF USE THEREOF
[54] AGENTS THERAPEUTIQUES A BASE D'ARN ET METHODES D'UTILISATION ASSOCIEES
[72] CARMONA, ELLESE, US
[72] LI, ZHEFENG, US
[72] RHODES, CHRISTALYN SIMS, US
[71] ELI LILLY AND COMPANY, US
[85] 2023-06-09
[86] 2021-12-20 (PCT/US2021/064367)
[87] (WO2022/140264)
[30] US (63/129,878) 2020-12-23
[30] US (63/151,093) 2021-02-19
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[30] US (63/285,311) 2021-12-02

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[51] Int.Cl. G21B 1/05 (2006.01) H05H 1/06 (2006.01)
[25] EN
[54] PLASMA INJECTION AND CONFINEMENT SYSTEMS AND METHODS
[54] SYSTEMES ET PROCEDES D'INJECTION ET DE CONFINEMENT DE PLASMA
[72] GOLINGO, RAYMOND, CA
[72] BTAICHE, JEAN-CHRISTOPH, CA
[72] HARRIS, PAUL, CA
[72] CHOUDHURY, AYAN, CA
[72] SEIFOLLAHI MOGHADAM, ZAHRA, CA
[72] TOCHON, PIERRE, CA
[71] FUSE ENERGY TECHNOLOGIES CORP., US
[85] 2023-06-09
[86] 2021-12-10 (PCT/US2021/062830)
[87] (WO2022/125912)
[30] US (63/123,892) 2020-12-10

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- [25] EN
- [54] GRAPHENE COMPOSITE MATERIALS AND METHODS FOR PRODUCTION THEREOF
- [54] COMPOSITES DE GRAPHENE ET LEURS PROCEDES DE PRODUCTION
- [72] ZHANG, ZHIYONG, CA
- [72] MANCEVSKI, VLADIMIR, US
- [71] UNIVERSAL MATTER INC., CA
- [85] 2023-06-09
- [86] 2021-12-09 (PCT/IB2021/061536)
- [87] (WO2022/123499)
- [30] US (63/123,058) 2020-12-09

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- [51] Int.Cl. B29C 65/36 (2006.01) B29C 65/46 (2006.01) B29C 65/48 (2006.01) B29C 65/56 (2006.01) B29C 65/72 (2006.01)
- [25] EN
- [54] METHOD AND DEVICE FOR ELECTROMAGNETIC SPOT WELDING OF MOULDED PARTS
- [54] PROCEDE ET DISPOSITIF DE SOUDAGE ELECTROMAGNETIQUE PAR POINTS DE PIECES MOULEES
- [72] LABORDUS, MAARTEN, NL
- [71] KOK & VAN ENGELEN COMPOSITE STRUCTURES B.V., NL
- [85] 2023-06-09
- [86] 2021-12-07 (PCT/EP2021/084589)
- [87] (WO2022/128625)
- [30] NL (2027112) 2020-12-15

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- [25] EN
- [54] COMBINED IMPLANTABLE PULSE GENERATOR DEVICE
- [54] DISPOSITIF GENERATEUR D'IMPULSIONS IMPLANTABLE COMBINE
- [72] PRUTCHI, DAVID, US
- [72] MEYERS, JASON, US
- [72] BEN DAVID, TAMIR, IL
- [71] IMPULSE DYNAMICS NV, CW
- [85] 2023-06-09
- [86] 2021-12-13 (PCT/IB2021/061650)
- [87] (WO2022/123547)
- [30] US (63/124,824) 2020-12-13

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- [51] Int.Cl. B60R 21/00 (2006.01) H04W 4/38 (2018.01) H04W 4/40 (2018.01) G07C 5/00 (2006.01)
- [25] EN
- [54] A MOUNT SECURITY DETECTION METHOD
- [54] PROCEDE DE DETECTION DE SECURITE DE SUPPORT
- [72] MADDOCK, ROBERT, GB
- [71] APPY RISK TECHNOLOGIES LTD, GB
- [85] 2023-06-09
- [86] 2021-12-10 (PCT/GB2021/053243)
- [87] (WO2022/123267)
- [30] GB (2019517.8) 2020-12-10

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- [51] Int.Cl. B29C 65/36 (2006.01) B29C 65/46 (2006.01) B29C 65/48 (2006.01) B29C 65/56 (2006.01) B29C 65/72 (2006.01)
- [25] EN
- [54] METHOD AND DEVICE FOR ELECTROMAGNETIC SPOT WELDING OF MOULDED PARTS
- [54] PROCEDE ET DISPOSITIF DE SOUDAGE PAR POINTS ELECTROMAGNETIQUES DE PIECES MOULEES
- [72] LABORDUS, MAARTEN, NL
- [71] KOK & VAN ENGELEN COMPOSITE STRUCTURES B.V., NL
- [85] 2023-06-09
- [86] 2021-12-03 (PCT/EP2021/084262)
- [87] (WO2022/128547)
- [30] NL (2027111) 2020-12-15

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- [51] Int.Cl. C01B 32/384 (2017.01) G01N 3/00 (2006.01) G01N 21/00 (2006.01)
- [25] EN
- [54] REDUCTION OF NITROGEN GREENHOUSE GAS EMISSIONS IN AGROECOSYSTEMS FOR PRECISION CONSERVATION
- [54] REDUCTION DES EMISSIONS DE GAZ A EFFET DE SERRE A BASE D'AZOTE DANS DES AGRO-ECOSYSTEMES POUR LA CONSERVATION DE PRECISION
- [72] BASSO, BRUNO, US
- [71] BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY, US
- [85] 2023-06-09
- [86] 2021-12-09 (PCT/US2021/062703)
- [87] (WO2022/125834)
- [30] US (63/123,340) 2020-12-09

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 - [25] FR
 - [54] METHOD FOR AIDING IN THE DIAGNOSIS OF A CARDIOVASCULAR DISEASE OF A BLOOD VESSEL
 - [54] PROCEDE D'AIDE AU DIAGNOSTIC D'UNE MALADIE CARDIOVASCULAIRE D'UN VAISSEAU SANGUIN
 - [72] BERNARD, FLORIAN, FR
 - [72] LEGUAY, ROMAIN, FR
 - [71] NUREA, FR
 - [85] 2023-06-09
 - [86] 2021-12-10 (PCT/EP2021/085268)
 - [87] (WO2022/128808)
 - [30] FR (FR2013257) 2020-12-15
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- [25] EN
- [54] DATA RECONCILIATION AND INCONSISTENCY DETERMINATION FOR POSTED ENTRIES
- [54] DETERMINATION DE CONCILIATION ET D'INCOHERENCE DE DONNEES POUR DES ENTREES POSTEES
- [72] MUDGIL, SATYAVRAT, US
- [72] SITARAM, ANANT, US
- [71] TEKION CORP, US
- [85] 2023-06-09
- [86] 2022-02-03 (PCT/US2022/015150)
- [87] (WO2022/173657)
- [30] US (17/175,277) 2021-02-12

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 - [54] HOT SWAPPABLE FRACTURING PUMP SYSTEM
 - [54]
 - [72] JOHNSON, AUSTIN C., US
 - [72] SCHULTZ, KYLE, US
 - [72] BEASON, RONNIE, US
 - [72] CANNON, NICHOLAS J., US
 - [72] ROBINSON, JUSTIN, US
 - [72] HICKIE, BARTON, US
 - [71] DOWNING WELLHEAD EQUIPMENT, LLC, US
 - [85] 2023-06-09
 - [86] 2022-12-09 (PCT/US2022/081269)
 - [87] (3201939)
 - [30] US (17/548,087) 2021-12-10
 - [30] US (17/872,516) 2022-07-25
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[13] A1

- [51] Int.Cl. G06F 21/31 (2013.01) G06F 21/62 (2013.01) H04M 3/51 (2006.01)
- [25] EN
- [54] USER MANAGEMENT SYSTEM FOR COMPUTING SUPPORT
- [54] SYSTEME DE GESTION D'UTILISATEUR POUR ASSISTANCE INFORMATIQUE
- [72] CONKLE, TIMOTHY MARK, US
- [72] DRISKELL, SAGE DAVID, US
- [72] GLOVER, LUKE MATTHEW, US
- [71] MSP SOLUTIONS GROUP LLC, US
- [85] 2023-06-10
- [86] 2022-01-27 (PCT/US2022/014115)
- [87] (WO2022/165049)
- [30] US (63/142,578) 2021-01-28

[21] 3,201,952

[13] A1

- [51] Int.Cl. C11D 3/16 (2006.01) C11D 3/20 (2006.01) C11D 3/30 (2006.01) C11D 3/34 (2006.01) C11D 3/37 (2006.01) C11D 3/50 (2006.01)
 - [25] EN
 - [54] CONSUMER PRODUCTS COMPRISING DELIVERY PARTICLES WITH HIGH CORE:WALL RATIOS
 - [54] PRODUITS DE CONSOMMATION COMPRENANT DES PARTICULES DE DISTRIBUTION PRESENTANT DES RAPPORTS NOYAU/PAROI ELEVES
 - [72] SMETS, JOHAN, BE
 - [72] JUKES, AMANDA KISER, BE
 - [72] TRUJILLO, RAFAEL, US
 - [72] PINTENS, AN, BE
 - [72] CHAKAR, FADI SELIM, US
 - [72] DRAHEIM, IAN ALAN, US
 - [71] THE PROCTER & GAMBLE COMPANY, US
 - [85] 2023-06-12
 - [86] 2022-07-13 (PCT/US2022/073666)
 - [87] (WO2023/288239)
 - [30] EP (21185478.1) 2021-07-14
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- [51] Int.Cl. C07D 417/06 (2006.01) A61K 47/54 (2017.01) A61P 35/00 (2006.01) C07C 255/41 (2006.01) C07C 323/24 (2006.01) C07D 231/12 (2006.01) C07D 233/64 (2006.01) C07D 263/32 (2006.01) C07D 295/145 (2006.01) C07D 471/04 (2006.01)
- [25] EN
- [54] NOVEL BIFUNCTIONAL MOLECULES FOR TARGETED PROTEIN DEGRADATION
- [54] NOUVELLES MOLECULES BIFONCTIONNELLES POUR LA DEGRADATION CIBLEE DE PROTEINES
- [72] TESTA, ANDREA, GB
- [72] MACGREGOR, CALLUM, GB
- [72] MCGARRY, DAVID, US
- [72] MEIER, GREGOR, GB
- [72] CHURCHER, IAN, GB
- [72] MATHIESON, MICHAEL, GB
- [71] AMPHISTA THERAPEUTICS LIMITED, GB
- [85] 2023-06-12
- [86] 2021-12-16 (PCT/GB2021/053332)
- [87] (WO2022/129925)
- [30] GB (2020186.9) 2020-12-18
- [30] GB (2102494.8) 2021-02-22

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[13] A1

[51] Int.Cl. C07D 401/12 (2006.01) A61K 31/4545 (2006.01) A61P 17/06 (2006.01) A61P 19/02 (2006.01) C07D 401/14 (2006.01) C07D 495/04 (2006.01) C07K 5/062 (2006.01)

[25] EN

[54] PDE4 DEGRADERS, PHARMACEUTICAL COMPOSITIONS, AND THERAPEUTIC APPLICATIONS

[54] AGENTS DE DEGRADATION DE LA PDE4, COMPOSITIONS PHARMACEUTIQUES ET APPLICATIONS THERAPEUTIQUES

[72] CHAN, KYLE W.H., US

[72] ERDMAN, PAUL E., US

[72] FUNG, LEAH M., US

[72] HECHT, DAVID AARON, US

[72] MERCURIO, FRANK, US

[72] SULLIVAN, ROBERT W., US

[72] CHOURASIA, APARAJITA HOSKOTE, US

[72] PAPA, PATRICK, US

[71] BIOTHERYX, INC., US

[85] 2023-06-12

[86] 2021-12-13 (PCT/US2021/062995)

[87] (WO2022/132603)

[30] US (63/124,877) 2020-12-14

[21] 3,201,966
[13] A1

[51] Int.Cl. A61K 35/28 (2015.01) C12N 5/0775 (2010.01) A61P 9/10 (2006.01)

[25] EN

[54] PRE-TREATMENT OF MSC WITH PPARB/DELTA. AGONIST FOR TREATMENT OF ISCHEMIA-REPERFUSION INJURY

[54] PRETRAITEMENT DE CSM AVEC UN AGONISTE DE PPAR?? POUR LE TRAITEMENT DES LESIONS D'ISCHEMIE-REPERFUSION

[72] DJOUAD SAMRI, FARIDA, FR

[72] BARRERE-LEMAIRE, STEPHANIE, FR

[72] JORGENSEN, CHRISTIAN, FR

[71] UNIVERSITE DE MONTPELLIER, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR

[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR

[71] CENTRE HOSPITALIER UNIVERSITAIRE DE MONTPELLIER, FR

[85] 2023-06-12

[86] 2021-12-17 (PCT/EP2021/086394)

[87] (WO2022/129468)

[30] EP (20306596.6) 2020-12-17

[21] 3,201,967
[13] A1

[51] Int.Cl. C25B 9/65 (2021.01) H01M 8/0206 (2016.01) H01M 8/021 (2016.01) H01M 8/0228 (2016.01) H01M 8/2465 (2016.01) H01B 5/02 (2006.01) H01B 13/004 (2006.01) H01R 4/18 (2006.01) H01M 8/124 (2016.01)

[25] FR

[54] METHOD FOR MANUFACTURING AN ELECTRICAL CONDUCTOR, SUCH AS A CURRENT ROD, FOR A HIGH-TEMPERATURE ELECTROCHEMICAL DEVICE

[54] PROCEDE DE FABRICATION D'UN CONDUCTEUR ELECTRIQUE, COMME UNE CANNE DE COURANT, POUR UN DISPOSITIF ELECTROCHIMIQUE A HAUTE TEMPERATURE

[72] PLANQUE, MICHEL, FR

[72] CUBIZOLLES, GERAUD, FR

[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR

[85] 2023-06-12

[86] 2021-12-16 (PCT/FR2021/052357)

[87] (WO2022/136772)

[30] FR (FR2013788) 2020-12-21

[21] 3,201,969
[13] A1

[51] Int.Cl. A61M 5/142 (2006.01) H01Q 1/14 (2006.01)

[25] EN

[54] BATTERY ANTENNA ARRANGEMENT FOR AN ON BODY MEDICAL DEVICE

[54] AGENCEMENT D'ANTENNE DE BATTERIE POUR UN DISPOSITIF MEDICAL PORTE SUR LE CORPS

[72] CONTE, NICHOLAS, US

[72] SUN, KEPEI, US

[71] INSULET CORPORATION, US

[85] 2023-06-12

[86] 2021-12-16 (PCT/US2021/063918)

[87] (WO2022/133146)

[30] US (63/127,323) 2020-12-18

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[21] 3,201,973
[13] A1

[51] Int.Cl. A47L 11/292 (2006.01)
[25] EN
[54] WASHING CONTROL METHOD AND APPARATUS, COMPUTER READABLE STORAGE MEDIUM, AND ELECTRONIC DEVICE
[54] PROCEDE ET APPAREIL DE COMMANDE DE LAVAGE, SUPPORT DE STOCKAGE LISIBLE PAR ORDINATEUR ET DISPOSITIF ELECTRONIQUE
[72] LI, XING, CN
[72] DUAN, CHUANLIN, CN
[72] PENG, SONG, CN
[72] WANG, YIXING, CN
[72] JIA, JINGTAO, CN
[72] WU, QI, CN
[72] HAN, XINYU, CN
[71] BEIJING ROBOROCK TECHNOLOGY CO., LTD., CN
[85] 2023-06-12
[86] 2021-09-15 (PCT/CN2021/118572)
[87] (WO2022/121425)
[30] CN (202011461107.8) 2020-12-11
[30] CN (202110948745.0) 2021-08-18

[21] 3,201,975
[13] A1

[51] Int.Cl. C10G 45/04 (2006.01) C07C 7/10 (2006.01)
[25] EN
[54] PROCESS FOR OPERATING SULFIDED HYDROPROCESSING CATALYST
[54] PROCEDE DE FONCTIONNEMENT D'UN CATALYSEUR D'HYDROTRAITEMENT SULFURE
[72] ANDERSEN, STEFAN, DK
[71] TOPSOE A/S, DK
[85] 2023-06-12
[86] 2021-12-16 (PCT/EP2021/086244)
[87] (WO2022/129361)
[30] EP (20214874.8) 2020-12-17

[21] 3,201,977
[13] A1

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[25] EN
[54] SCHEDULING OF MEDICAMENT BOLUS DELIVERIES BY A MEDICAMENT DELIVERY DEVICE AT FUTURE DATES AND TIMES WITH A COMPUTING DEVICE
[54] PROGRAMMATION D'ADMINISTRATIONS DE BOLUS DE MEDICAMENT PAR UN DISPOSITIF D'ADMINISTRATION DE MEDICAMENT A DES DATES ET HEURES FUTURES AVEC UN DISPOSITIF INFORMATIQUE
[72] ALLES, MATTHEW, US
[72] MURRAY, DANIEL, US
[72] LEE, JOON BOK, US
[72] O'CONNOR, JASON, US
[71] INSULET CORPORATION, US
[85] 2023-06-12
[86] 2021-12-17 (PCT/US2021/064170)
[87] (WO2022/133295)
[30] US (63/127,218) 2020-12-18
[30] US (63/228,415) 2021-08-02

[21] 3,201,978
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[51] Int.Cl. C07K 16/28 (2006.01) C07K 16/32 (2006.01)
[25] EN
[54] CONDITIONALLY BISPECIFIC BINDING PROTEINS
[54] PROTEINES DE LIAISON BISPECIFIQUES DE MANIERE CONDITIONNELLE
[72] CHEN, TSENG-HUI TIMOTHY, US
[72] CULP, PATRICIA A., US
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2023-06-12
[86] 2021-12-14 (PCT/IB2021/000868)
[87] (WO2022/130013)
[30] US (63/125,267) 2020-12-14

[21] 3,201,980
[13] A1

[51] Int.Cl. G01S 19/20 (2010.01)
[25] EN
[54] METHOD AND SYSTEM FOR LOCALIZING RADIODEVICE USING AT LEAST TWO SATELLITE CONSTELLATIONS
[54] PROCEDE ET SYSTEME DE LOCALISATION D'EQUIPEMENTS RADIODEVICES UTILISANT AU MOINS DEUX CONSTELLATIONS SATELLITAIRES
[72] BOUVET, DENIS, FR
[72] ARETHENS, JEAN-PIERRE, FR
[71] THALES, FR
[85] 2023-06-12
[86] 2021-12-09 (PCT/EP2021/085009)
[87] (WO2022/128736)
[30] FR (2013415) 2020-12-17

[21] 3,201,981
[13] A1

[51] Int.Cl. A61B 10/02 (2006.01) A61M 25/00 (2006.01)
[25] EN
[54] BALLOON-ANCHORED FLEXIBLE NEEDLE AND CATHETER FOR BIOPSY
[54] AIGUILLE SOUPLE ANCREE PAR BALLONNET ET CATHETER POUR BIOPSIE
[72] MANGAT, KAMARJIT SINGH, GB
[72] TAN, GABRIEL HONG CHUN, SG
[72] WIGHT, RONALD CRAIG, SG
[72] LEE, CHUN SIONG, SG
[71] NATIONAL UNIVERSITY HOSPITAL (SINGAPORE) PTE LTD, SG
[71] THE BIOFACTORY PTE LTD, SG
[85] 2023-06-12
[86] 2021-12-10 (PCT/SG2021/050775)
[87] (WO2022/124991)
[30] SG (10202012399Y) 2020-12-10

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[21] 3,201,982

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- [51] Int.Cl. A61B 10/02 (2006.01)
 - [25] EN
 - [54] CORE NEEDLE BIOPSY DEVICE
 - [54] DISPOSITIF DE BIOPSIE A
AIGUILLE CENTRALE
 - [72] MANGAT, KAMARJIT SINGH, GB
 - [72] TAN, GABRIEL HONG CHUN, SG
 - [72] WIGHT, RONALD CRAIG, SG
 - [72] LEE, CHUN SIONG, SG
 - [71] NATIONAL UNIVERSITY
HOSPITAL (SINGAPORE) PTE LTD,
SG
 - [71] THE BIOFACTORY PTE LTD, SG
 - [85] 2023-06-12
 - [86] 2021-12-10 (PCT/SG2021/050781)
 - [87] (WO2022/124995)
 - [30] SG (10202012400T) 2020-12-10
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- [25] EN
- [54] WRAPPING APPARATUS AND
METHOD
- [54] APPAREIL ET PROCEDE
D'ENVELOPPAGE
- [72] JUWET, MARC, BE
- [71] KATHOLIEKE UNIVERSITEIT
LEUVEN, BE
- [85] 2023-06-12
- [86] 2021-12-21 (PCT/EP2021/086991)
- [87] (WO2022/136369)
- [30] CA (3.104.009) 2020-12-23

[21] 3,201,990

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C08J 3/075 (2006.01)
 - [25] EN
 - [54] CROSSLINKED HYALURONIC
ACID HYDROGEL CROSSLINKED
USING CROSSLINKER AND
POLYOL, AND FILLER
COMPRISING SAME
 - [54] HYDROGEL D'ACIDE
HYALURONIQUE RETICULE
RETICULE AU MOYEN D'UN
AGENT DE RETICULATION ET
D'UN POLYOL, ET CHARGE
COMPRENANT CELUI-CI
 - [72] JUNG, HYUN TAE, KR
 - [72] LEE, CHUNG, KR
 - [72] SO, JINEON, KR
 - [71] LG CHEM, LTD., KR
 - [85] 2023-06-12
 - [86] 2022-01-07 (PCT/KR2022/000338)
 - [87] (WO2022/149924)
 - [30] KR (10-2021-0002116) 2021-01-07
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(2006.01) C10G 3/00 (2006.01) C10G
9/00 (2006.01) C10G 45/00 (2006.01)
C10G 69/06 (2006.01)
 - [25] EN
 - [54] PROCESS AND PLANT FOR
PRODUCING HYDROCARBONS
FROM A SOLID RENEWABLE
FEEDSTOCK WITH REDUCED
CO2-FOOTPRINT
 - [54] PROCEDE ET INSTALLATION DE
PRODUCTION
D'HYDROCARBURES A PARTIR
D'UNE CHARGE
RENOUVELABLE SOLIDE AVEC
EMPREINTE CO2 REDUITE
 - [72] GRUBB, MIKALA, DK
 - [71] TOPSOE A/S, DK
 - [85] 2023-06-12
 - [86] 2022-01-17 (PCT/EP2022/050863)
 - [87] (WO2022/152896)
 - [30] EP (21152112.5) 2021-01-18
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- [51] Int.Cl. A01H 1/04 (2006.01) A01H
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 - [25] EN
 - [54] BRASSICA NAPUS PLANTS
COMPRISING AN IMPROVED
FERTILITY RESTORER
 - [54] PLANTES BRASSICA NAPUS
COMPRENANT UN
RESTAURATEUR DE FERTILITE
AMELIORE
 - [72] NGUYEN, THI NINH THUAN, BE
 - [72] ADRIAENSEN, REMY, BE
 - [72] WAGNER, GEOFFREY, BE
 - [72] ROHDE, ANTJE, BE
 - [72] FORMANOVA, NATASA, CH
 - [71] BASF AGRICULTURAL SOLUTIONS
SEED US LLC, US
 - [85] 2023-06-12
 - [86] 2021-12-20 (PCT/US2021/073033)
 - [87] (WO2022/140762)
 - [30] EP (20215999.2) 2020-12-21
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- [25] EN
- [54] NATIVE EDESTIN PROTEIN
ISOLATE AND USE AS A
TEXTURIZING INGREDIENT
- [54] ISOLAT DE PROTEINE DE
L'EDESTINE NATIVE ET SON
UTILISATION EN TANT
QU'INGREDIENT DE TEXTURE
- [72] ELLIS, CHERYL MITCHELL, US
- [71] STEUBEN FOODS, INC., US
- [85] 2023-06-12
- [86] 2021-12-14 (PCT/US2021/063412)
- [87] (WO2022/132838)
- [30] US (63/124,973) 2020-12-14
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 - [25] EN
 - [54] PEG LIPIDS AND LIPID NANOPARTICLES
 - [54] LIPIDES PEG ET NANOParticules LIPIDIQUES
 - [72] HEYES, JAMES, US
 - [72] HOLLAND, RICHARD J., US
 - [72] LAM, KIEU MONG, US
 - [72] MARTIN, ALAN D., US
 - [72] WOOD, MARK, US
 - [72] ZHANG, WENXUAN, US
 - [71] GENEVANT SCIENCES GMBH, CH
 - [85] 2023-06-12
 - [86] 2021-12-20 (PCT/US2021/064351)
 - [87] (WO2022/133344)
 - [30] US (63/127,684) 2020-12-18
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- [51] Int.Cl. G06F 16/9535 (2019.01) G06F 21/31 (2013.01) G06F 16/9035 (2019.01) G06F 16/904 (2019.01) G06N 20/20 (2019.01)
 - [25] EN
 - [54] HIGH-FIDELITY DATA MANAGEMENT FOR CROSS DOMAIN ANALYTICS
 - [54] GESTION DE DONNEES HAUTE FIDELITE POUR ANALYSE INTER-DOMAINE
 - [72] STILLMAN, LORI BUSS, US
 - [72] TAYLOR, GRAY, US
 - [71] NATIONAL ASSOCIATION OF CONVENIENCE STORES, US
 - [85] 2023-06-12
 - [86] 2021-12-15 (PCT/US2021/063561)
 - [87] (WO2022/132931)
 - [30] US (63/126,420) 2020-12-16
 - [30] US (17/550,545) 2021-12-14
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- [51] Int.Cl. A61K 38/00 (2006.01) C07K 7/00 (2006.01) C07K 7/08 (2006.01) G01N 33/574 (2006.01)
 - [25] EN
 - [54] POLYPEPTIDES BINDING SELECTIVELY HEPARIN OR HEPARAN SULFATE GLYCOSAMINOGLYCANES AND CELL-PENETRATING POLYPEPTIDES COMPRISING THE SAME
 - [54] POLYPEPTIDES SE LIANT SELECTIVEMENT A DES GLYCOSAMINOGLYCANES DE TYPE HEPARINE OU SULFATE D'HEPARANE ET POLYPEPTIDES DE PENETRATION CELLULAIRE COMPRENANT CEUX-CI
 - [72] SAGAN, SANDRINE, FR
 - [72] JOLIOT, ALAIN, FR
 - [72] WALRANT, ASTRID, FR
 - [72] CARLIER, LUDOVIC, FR
 - [72] CARDON, SEBASTIEN, FR
 - [71] SORBONNE UNIVERSITE, FR
 - [71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
 - [71] ECOLE NORMALE SUPERIEURE DE PARIS, FR
 - [71] INSERM PARIS, FR
 - [71] COLLEGE DE FRANCE, FR
 - [85] 2023-06-12
 - [86] 2020-12-17 (PCT/IB2020/001111)
 - [87] (WO2022/129976)
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- [51] Int.Cl. A61K 39/275 (2006.01) C12N 15/86 (2006.01)
- [25] EN
- [54] MODIFIED PARAPOXVIRUS HAVING INCREASED IMMUNOGENICITY
- [54] PARAPOXVIRUS MODIFIE AYANT UNE IMMUNOGENICITE ACCRUE
- [72] AMANN, RALF, DE
- [72] SALOMON, FERDINAND, DE
- [71] PRIME VECTOR TECHNOLOGIES GMBH, DE
- [85] 2023-06-12
- [86] 2021-12-14 (PCT/EP2021/085774)
- [87] (WO2022/136033)
- [30] EP (20216198.0) 2020-12-21

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- [51] Int.Cl. A23L 17/00 (2016.01) A23L 17/60 (2016.01) A23L 19/10 (2016.01) A23L 29/244 (2016.01) A23L 33/00 (2016.01) A23L 33/24 (2016.01) A23P 30/10 (2016.01)
 - [25] EN
 - [54] METHOD OF MAKING A SEAFOOD ANALOGUE
 - [54] PROCEDE DE PRODUCTION D'UN SUCCEDANE DE FRUIT DE MER
 - [72] WANG, YU-JIE, CH
 - [72] HINRICHs, KATHARINA, CH
 - [72] GIRARDI, ALICIA, CH
 - [72] CHARVE, JOSEPHINEISABELLEMARIE, CH
 - [72] ZAHID, MARIA, CH
 - [71] SOCIETE DES PRODUITS NESTLE S.A., CH
 - [85] 2023-06-12
 - [86] 2022-01-21 (PCT/EP2022/051350)
 - [87] (WO2022/157313)
 - [30] EP (21153060.5) 2021-01-22
 - [30] EP (21178060.6) 2021-06-07
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- [51] Int.Cl. C07K 16/28 (2006.01)
- [25] EN
- [54] TREATMENT OF CANCERS WITH AN ANTIBODY THAT BINDS LGR5 AND EGFR
- [54] TRAITEMENT DE CANCERS AVEC UN ANTICORPS SE LIANT AU LGR5 ET AU EGFR
- [72] SIRULNIK, LEONARDO ANDRES, NL
- [72] WASSERMAN, ERNESTO ISAAC, NL
- [71] MERUS N.V., NL
- [85] 2023-06-12
- [86] 2021-12-15 (PCT/NL2021/050763)
- [87] (WO2022/131912)
- [30] NL (2027118) 2020-12-15

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[21] 3,202,008

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- [51] Int.Cl. B07B 1/40 (2006.01) B25J 5/02 (2006.01) B25J 9/02 (2006.01) B25J 11/00 (2006.01)
- [25] EN
- [54] ROBOTIC PANEL MODULE REMOVAL AND REPLACEMENT IN ORE TREATMENT APPARATUS
- [54] RETRAIT ET REMPLACEMENT DE MODULE DE PANNEAU ROBOTIQUE DANS UN APPAREIL DE TRAITEMENT DE MINERAIS
- [72] MAMMADOV, ASAD, AU
- [72] VINE, MORGAN, AU
- [72] RUSSELL, STEVEN, AU
- [72] POOLE, BENJAMIN, AU
- [71] SCHENCK PROCESS AUSTRALIA PTY LIMITED, AU
- [85] 2023-06-12
- [86] 2021-12-15 (PCT/AU2021/051491)
- [87] (WO2022/126183)
- [30] AU (2020904723) 2020-12-18

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- [25] EN
- [54] MODIFIED PARAPOXVIRUS HAVING INCREASED IMMUNOGENICITY
- [54] PARAPOXVIRUS MODIFIE AYANT UNE IMMUNOGENICITE ACCRUE
- [72] AMANN, RALF, DE
- [72] SALOMON, FERDINAND, DE
- [71] PRIME VECTOR TECHNOLOGIES GMBH, DE
- [85] 2023-06-12
- [86] 2021-12-14 (PCT/EP2021/085775)
- [87] (WO2022/136034)
- [30] EP (20216201.2) 2020-12-21

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[13] A1

- [51] Int.Cl. C01G 53/00 (2006.01)
- [25] EN
- [54] PROCESS FOR REMOVING WATER FROM A PARTICULATE MATERIAL
- [54] PROCEDE POUR ELIMINER DE L'EAU D'UN MATERIAU PARTICULAIRE
- [72] HENSLER, TIMO, DE
- [72] KERN, ANDREAS MICHAEL, DE
- [72] FIZ GONZALEZ, RAQUEL, DE
- [72] BEIERLING, THORSTEN, DE
- [71] BASF SE, DE
- [85] 2023-06-12
- [86] 2021-12-10 (PCT/EP2021/085257)
- [87] (WO2022/128804)
- [30] EP (20215380.5) 2020-12-18

[21] 3,202,012

[13] A1

- [51] Int.Cl. A61K 31/18 (2006.01) A61K 31/4196 (2006.01) A61K 31/438 (2006.01) A61K 31/4439 (2006.01) A61K 31/454 (2006.01) A61K 31/496 (2006.01) A61K 31/506 (2006.01) A61K 31/5377 (2006.01) A61K 31/5386 (2006.01) A61P 1/16 (2006.01) A61P 3/10 (2006.01) A61P 13/12 (2006.01) A61P 25/28 (2006.01) A61P 27/02 (2006.01) C07D 403/10 (2006.01) C07D 403/12 (2006.01)

[25] EN

- [54] COMPOUNDS AND USE THEREOF FOR TREATMENT OF NEURODEGENERATIVE, DEGENERATIVE AND METABOLIC DISORDERS

- [54] COMPOSES ET LEUR UTILISATION POUR LE TRAITEMENT DE TROUBLES NEURODEGENERATIFS, DEGENERATIFS ET METABOLIQUES

- [72] BANNISTER, THOMAS D., US
- [72] LASMEZAS, CORINNE, US
- [72] ZHOU, MINGHAI, US
- [72] KENNEDY, NICOLE, US
- [71] THE SCRIPPS RESEARCH INSTITUTE, US
- [71] VOVA IDA THERAPEUTICS, INC., US
- [85] 2023-06-12
- [86] 2021-12-10 (PCT/US2021/062954)
- [87] (WO2022/125989)
- [30] US (63/124,543) 2020-12-11

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- [51] Int.Cl. B01D 53/04 (2006.01) B01D 53/48 (2006.01) B01D 53/72 (2006.01) C07C 7/12 (2006.01)
- [25] EN
- [54] HYDROCARBON RECOVERY UNIT WITH RECYCLE LOOP FOR ADSORBENT BED REGENERATION
- [54] UNITE DE RECUPERATION D'HYDROCARBURES AVEC BOUCLE DE RECYCLAGE POUR LA REGENERATION D'UN LIT D'ADSORBANT
- [72] DOLAN, WILLIAM B., US
- [72] PAN, JUSTIN, US
- [71] BASF CORPORATION, US
- [85] 2023-06-12
- [86] 2021-12-12 (PCT/US2021/062991)
- [87] (WO2022/132602)
- [30] US (63/127,876) 2020-12-18

[21] 3,202,014

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- [51] Int.Cl. C02F 3/28 (2006.01) C02F 3/32 (2006.01) C02F 11/04 (2006.01) C12M 1/00 (2006.01) C02F 11/121 (2019.01)
- [25] FR
- [54] METHOD AND SYSTEM FOR TREATING ANIMAL PRODUCTS
- [54] PROCEDE ET SYSTEME POUR LE TRAITEMENT DE PRODUITS ANIMAUX
- [72] DESLYS, JEAN-PHILIPPE, FR
- [71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
- [85] 2023-06-12
- [86] 2021-12-14 (PCT/EP2021/085595)
- [87] (WO2022/128982)
- [30] FR (FR2013275) 2020-12-15

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[21] 3,202,016

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- [25] EN
- [54] A MEAT-REPLACEMENT PRODUCT AND A METHOD OF MANUFACTURING THE SAME
- [54] PRODUIT DE SUBSTITUTION A LA VIANDE ET SON PROCEDE DE PRODUCTION
- [72] ITKONEN, MAIJA, FI
- [72] JIANG, ZHONGQING, FI
- [72] LIU, JINGWEI, FI
- [72] LINTOLA, VEERA, FI
- [71] VALIO OY, FI
- [85] 2023-06-12
- [86] 2022-01-03 (PCT/EP2022/050005)
- [87] (WO2022/157007)
- [30] FI (20215066) 2021-01-20

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- [51] Int.Cl. A23L 27/26 (2016.01) A23L 27/10 (2016.01)
- [25] EN
- [54] NON-MEAT-DERIVED YEAST EXTRACTS HAVING RICH MEAT FLAVOR AND PREPARATION METHOD THEREFOR
- [54] EXTRAITS DE LEVURE NON DERIVES DE LA VIANDE AYANT UN AROME RICHE EN VIANDE ET LEUR PROCEDE DE PREPARATION
- [72] LI, PEI, CN
- [72] YUAN, QI, CN
- [72] QIN, XIANWU, CN
- [72] LI, KU, CN
- [72] TANG, GUANQUN, CN
- [72] XIONG, JIAN, CN
- [72] LI, WEI, CN
- [71] ANGEL YEAST CO., LTD, CN
- [85] 2023-06-12
- [86] 2021-12-10 (PCT/CN2021/137250)
- [87] (WO2022/135189)
- [30] CN (202011539545.1) 2020-12-23

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- [25] EN
- [54] USE OF MITOXANTRONE HYDROCHLORIDE LIPOSOME
- [54] UTILISATION DE LIPOSOME DE CHLORHYDRATE DE MITOXANTRONE
- [72] LI, CHUNLEI, CN
- [72] LIU, YANPING, CN
- [72] WANG, CAIXIA, CN
- [72] DU, YANLING, CN
- [72] WANG, XIAOYAN, CN
- [72] SHEN, XUEYING, CN
- [72] WANG, SHIXIA, CN
- [72] SUN, SHANSHAN, CN
- [71] CSPC ZHONGQI PHARMACEUTICAL TECHNOLOGY (SHIJIAZHUANG) CO., LTD, CN
- [85] 2023-06-12
- [86] 2021-12-14 (PCT/CN2021/137728)
- [87] (WO2022/127760)
- [30] CN (202011477966.6) 2020-12-15

[21] 3,202,020

[13] A1

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- [25] EN
- [54] PROCESS FOR MAKING AN ELECTRODE ACTIVE MATERIAL, AND ELECTRODE ACTIVE MATERIAL
- [54] PROCEDE DE PREPARATION D'UN MATERIAU ACTIF D'ELECTRODE, ET MATERIAU ACTIF D'ELECTRODE
- [72] SOMMER, HEINO, DE
- [72] ERK, CHRISTOPH, DE
- [72] HAAG, JACOB, US
- [72] SIOSS, JAMES A, US
- [72] PFISTER, DANIELA, DE
- [72] MICHEL, KATHRIN, DE
- [72] GARVE, LENNART KARL BERNHARD, DE
- [72] BERGNER, BENJAMIN JOHANNES HERBERT, DE
- [71] BASF SE, DE
- [85] 2023-06-12
- [86] 2021-12-10 (PCT/EP2021/085261)
- [87] (WO2022/128805)
- [30] EP (20215556.0) 2020-12-18

[21] 3,202,021

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- [25] EN
- [54] MODEL AND METHOD OF MODELLING A PULMONARY AUTOGRAFT
- [54] MODELE ET PROCEDE DE MODELISATION D'UNE AUTOGREFFE PULMONAIRE
- [72] THORNTON, WARREN ELLIOT, GB
- [72] AUSTIN, BRIAN MCCONNELL, GB
- [72] GOLESWORTHY, TALIESIN JOHN, GB
- [71] EXSTENT LIMITED, GB
- [85] 2023-06-12
- [86] 2021-12-15 (PCT/GB2021/053299)
- [87] (WO2022/129897)
- [30] GB (2019871.9) 2020-12-16

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- [25] EN
- [54] PROCESS FOR PREPARING HOMO- AND COPOLYMERS OF ALKYL (METH)ACRYLATES WITH LOW RESIDUAL MONOMER CONTENT
- [54] PROCEDE DE PREPARATION D'HOMO POLYMERES ET DE COPOLYMERES DE (METH)ACRYLATES D'ALKYLE AYANT UNE FAIBLE TENEUR EN MONOMERES RESIDUELS
- [72] MAHLING, FRANK-OLAF, DE
- [72] STIMEIER, MARIA, DE
- [72] SCHIMMEL, THOMAS, CN
- [72] MAIER, STEFAN KARL, DE
- [72] SIRAK, SOFIA, US
- [71] EVONIK OPERATIONS GMBH, DE
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[25] EN
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[54] PENE DORMANT ELECTRONIQUE MANUEL
[72] UYEDA, ALAN, US
[72] CHONG, GERALD, US
[71] SPECTRUM BRANDS, INC., US
[85] 2023-06-12
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[25] EN
[54] HUMAN IGE MONOCLONAL ANTIBODIES TO ANTIBODIES TO ALPHA-GAL (GALACTOSE-A-1,3-GALACTOSE) AND USES THEREFOR
[54] ANTICORPS MONOCLONAUX HUMANISES DIRIGES CONTRE L'IGE SE LIANT A L'ALPHA-GAL (GALACTOSE-?-1,3-GALACTOSE) ET LEURS UTILISATIONS
[72] SMITH, SCOTT A., US
[71] VANDERBILT UNIVERSITY, US
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[54] INTEGRATED METHOD FOR THE DECADMIATION OF PHOSPHORIC ACID
[54] PROCEDE INTEGRE DE DECADMIATION D'ACIDE PHOSPHORIQUE
[72] LABIAD, RABIE, MA
[72] SAMRANE, KAMAL, MA
[71] OCP SA, MA
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[86] 2021-12-10 (PCT/MA2021/050020)
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[30] FR (FR2012986) 2020-12-10

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[25] EN
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[54] FORMULATION PHARMACEUTIQUE
[72] ARMER, RICHARD, GB
[72] DE MATAS, MARCEL, GB
[71] REDX PHARMA PLC, GB
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[86] 2022-01-14 (PCT/GB2022/050083)
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[30] GB (2100526.9) 2021-01-15

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[25] EN
[54] SYSTEMS AND METHODS FOR PROCESSING ELECTRONIC IMAGES OF SLIDES FOR A DIGITAL PATHOLOGY WORKFLOW
[54] SYSTEMES ET PROCEDES DE TRAITEMENT D'IMAGES ELECTRONIQUES DE LAMES POUR UN FLUX DE TRAVAIL DE PATHOLOGIE NUMERIQUE
[72] GORTON, DANIELLE, US
[72] RACITI, PATRICIA, US
[72] SUE, JILLIAN, US
[72] YOUSFI, RAZIK, US
[71] PAIGE.AI, INC., US
[85] 2023-06-12
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[25] EN
[54] SELECTIVE INHIBITORS OF ROCK1 AND ROCK2 PROTEIN KINASES AND USES THEREOF
[54] INHIBITEURS SELECTIFS DE PROTEINE KINASES ROCK1 ET ROCK2 ET LEURS UTILISATIONS
[72] LEE, WONGIL, US
[72] DEVINE, WILLIAM G., US
[72] DIEBOLD, R. BRUCE, US
[72] HWANG, SO YOUNG, US
[72] CHOI, YUNGEUN, US
[72] LIU, YAN, US
[72] SEUNG, SANG-AE, US
[72] YONG, MIYONG, US
[72] KIM, SEWON, US
[72] LEE, JAEKYOO, US
[72] KOH, JONG SUNG, US
[71] GENOSCO INC., US
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 - [54] PROCEDE DE MULTIPLICATION D'UNE COMMUNAUTE COMPLEXE DE MICRO-ORGANISMES
 - [72] AFFAGARD, HERVE, FR
 - [72] SCHWINTNER, CAROLE, FR
 - [72] VERDIER, CECILE, FR
 - [72] DENIS, SYLVAIN, FR
 - [72] BRUGERE, JEAN-FRANCOIS, FR
 - [72] ALRIC, MONIQUE, FR
 - [71] MAAT PHARMA, FR
 - [71] UNIVERSITE CLERMONT AUVERGNE, FR
 - [71] INSTITUT NATIONAL DE RECHERCHE POUR L'AGRICULTURE, L'ALIMENTATION ET L'ENVIRONNEMENT, FR
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- [25] EN
- [54] QUANTUM COMPUTING DEVICE, USE, AND METHOD
- [54] DISPOSITIF DE CALCUL QUANTIQUE, UTILISATION, ET PROCEDE
- [72] MEINERT, FLORIAN, DE
- [72] PFAU, TILMAN, DE
- [72] HOLZL, CHRISTIAN, DE
- [71] UNIVERSITAT STUTTGART, DE
- [85] 2023-06-12
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 - [54] SMART INVENTORY MANAGEMENT SYSTEM FOR A DISPENSING AND BLEND-IN-CUP BEVERAGE PLATFORM
 - [54] SYSTEME INTELLIGENT DE GESTION D'INVENTAIRE DESTINE A UNE PLATEFORME DE BOISSON DE DISTRIBUTION ET DE MELANGE DANS UNE TASSE
 - [72] BERGMANN, DENNIES, BS
 - [72] HILDMANN, MARC, BS
 - [72] LANGE, MARC-ALEXANDER, BS
 - [71] FRESH BLENDS LTD, BS
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- [54] SITE-SPECIFIC GENE MODIFICATIONS
- [54] MODIFICATIONS GENETIQUES A UN SITE SPECIFIQUE
- [72] ZHANG, XIAOZHU, US
- [72] UPTON, HEATHER E., US
- [72] VAN TREECK, BRIANA, US
- [72] COLLINS, KATHLEEN, US
- [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[13] A1

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 - [25] EN
 - [54] SYSTEM AND METHOD OF DYNAMIC CORRECTIVE ENZYME SELECTION AND FORMULATION FOR PULP AND PAPER PRODUCTION
 - [54] SYSTEME ET PROCEDE DE SELECTION ET DE FORMULATION D'ENZYMES CORRECTIVES DYNAMIQUES POUR LA PRODUCTION DE PATE ET DE PAPIER
 - [72] REED, MARK, US
 - [72] LI, FEIRAN, US
 - [72] CARTER, JOHN, US
 - [71] BUCKMAN LABORATORIES INTERNATIONAL, INC., US
 - [85] 2023-06-12
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- [25] EN
- [54] PHOTOIONIZATION DETECTOR AND METHOD OF OPERATING SAME
- [54] DETECTEUR DE PHOTO-IONISATION ET PROCEDE ASSOCIE D'ACTIVATION
- [72] XU, MIAO, US
- [72] PENG, WENFENG, US
- [72] KLOZA, MARIUSZ, US
- [72] AFENZER, AMRAM, US
- [71] MOLEX, LLC, US
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GENERATION FROM AMBIENT
COMPRESSED FLUID ENERGY
[54] DISPOSITIF ET PROCEDE DE
PRODUCTION D'ENERGIE
RENOUVELABLE A PARTIR
D'ENERGIE DE FLUIDE
COMPRIME AMBIANT
[72] ASAMOAH-BARNIEH, RAYMOND,
CA
[71] BARNIEH INVENTIONS INC., CA
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[25] EN
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SYNTHETIC APERTURE
ULTRASOUND IMAGING OF AN
OBJECT
[54] SYSTEMES ET PROCEDES
D'ECHOGRAPHIE A OUVERTURE
SYNTHETIQUE D'UN OBJET
[72] KRUSE, DUSTIN E., US
[71] DECISION SCIENCES MEDICAL
COMPANY, LLC, US
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[25] EN
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COMPUTER PROGRAM
PRODUCT FOR DISTANCE
DETERMINATION BETWEEN
PERSONS
[54] PROCEDE, SYSTEME ET
PRODUIT PROGRAMME
D'ORDINATEUR POUR LA
DETERMINATION DE LA
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PERSONNES
[72] JANSSENS, NICOLAS, BE
[72] DAMAN, BRETT, BE
[71] ROMBIT NV, BE
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1/84 (2006.01)
[25] EN
[54] AIR-LAID BLANK FOR SOUND
ABSORBTION OR DAMPING, AND
METHODS AND APPARATUSES
FOR PRODUCING SUCH
[54] EBAUCHE FORMEE PAR VOIE
PNEUMATIQUE POUR
INSONORISATION OU
ISOLATION PHONIQUE, ET
PROCEDES ET APPAREILS POUR
UNE PRODUCTION DE CELLE-CI
[72] TORNBLOM, MARIA, SE
[71] STORA ENSO OYJ, FI
[85] 2023-05-17
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[25] EN
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PREPARATION OF SKI RUNS
AND METHOD TO CONTROL A
WINCH OF THE CRAWLER
VEHICLE
[54] VEHICULE A CHENILLES POUR
LA PREPARATION DE PISTES DE
SKI ET PROCEDE DE
COMMANDE D'UN TREUIL DU
VEHICULE A CHENILLES
[72] KIRCHMAIR, MARTIN, IT
[72] PAOLETTI, ALBERTO, IT
[72] UNTERHOLZNER, MARKUS, IT
[72] MAURER, GREGOR, IT
[72] SALIS, FRANCESCO, IT
[71] PRINOTH S.P.A., IT
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METHOD
[54] PROCEDE DE PRESCRIPTION DE
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[72] MILLER, ANDREW P., US
[72] LAWSON, MATTHEW, US
[71] PRECISION PLANTING LLC, US
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 - [54] METHODES ET COMPOSITIONS POUR THERAPIE DU CARCINOME UROTHELIAL A NEO-ADJUVANT ET ADJUVANT
 - [72] MARIATHASAN, SANJEEV, US
 - [72] YUEN, CHI YUNG, US
 - [72] ASSAF, ZOE JUNE FERGUSSON, US
 - [72] BANCHEREAU, ROMAIN FRANCOIS, US
 - [72] BAIS, CARLOS ERNESTO, US
 - [71] GENENTECH, INC., US
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 - [30] US (63/120,643) 2020-12-02
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- [25] EN
- [54] INACTIVE CONTEXT MANAGEMENT
- [54] GESTION DE CONTEXTE INACTIF
- [72] PARK, KYUNGMIN, US
- [72] KIM, TAEHUN, US
- [72] DINAN, ESMAEL HEJAZI, US
- [72] JEON, HYOUNGSUK, US
- [72] RYU, JINSOOK, US
- [72] TALEBI FARD, PEYMAN, US
- [71] OFINNO, LLC, US
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 - [25] EN
 - [54] ACTIVATION SYSTEM FOR PIPELINE PLUG
 - [54] SYSTEME D'ACTIVATION POUR UN BOUCHON DE PIPELINE
 - [72] GILES, PAUL, US
 - [72] FARDSALEHI, HUMON GLENN, US
 - [71] SAFE ISOLATIONS LLC, US
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- [25] EN

- [54] SKIN SPHEROIDS AND PROCESS OF PREPARATION AND USE THEREOF
- [54] SPHEROIDES CUTANES ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION
- [72] DEISENROTH, TED W., US
- [72] KUMACHEV, EUGENIA, CA
- [72] ANDRE, VALERIE, FR
- [72] CHEN, ZHENGKUN, CA
- [71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
- [71] BASF AG, DE
- [85] 2023-05-18
- [86] 2021-11-05 (PCT/US2021/058313)
- [87] (WO2022/108772)
- [30] US (63/116,447) 2020-11-20

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 - [25] EN
 - [54] FINE MINERAL MATTER FOR UPGRADING THE QUALITY OF THE PRODUCTS OF THERMAL OR CATALYTIC CRACKING OR IN-SITU HEAVY OIL CATALYTIC CRACKING
 - [54] MATIERE MINERALE FINE POUR VALORISER LA QUALITE DES PRODUITS DE CRAQUAGE THERMIQUE OU CATALYTIQUE OU DE CRAQUAGE CATALYTIQUE DE PETROLE LOURD IN SITU
 - [72] KANN, YELENA, US
 - [71] RADICAL PLASTICS, INC., US
 - [85] 2023-05-18
 - [86] 2021-11-17 (PCT/US2021/059682)
 - [87] (WO2022/109004)
 - [30] US (63/115,550) 2020-11-18
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- [25] EN
- [54] COMPOSITIONS AND METHODS FOR TREATING AND SUPPRESSING ALLERGIC RESPONSES
- [54] COMPOSITIONS ET PROCEDES DE TRAITEMENT ET DE SUPPRESSION DE REONSES ALLERGIQUES
- [72] CROOTE, DEREK, US
- [71] IGGENIX, INC., US
- [85] 2023-05-18
- [86] 2021-11-18 (PCT/US2021/059831)
- [87] (WO2022/109093)
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[54] PURIFICATION D'ACIDE RIBONUCLEIQUE
[72] KELLEHER, BILL, US
[72] SHAMASHKIN, MICHAEL, US
[71] MODERNATX, INC., US
[85] 2023-05-18
[86] 2021-11-18 (PCT/US2021/059944)
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[25] EN
[54] SOL-GEL CANNABINOID FORMULATION AND ANTIVIRAL USE
[54] FORMULATION SOL-GEL A BASE DE CANNABINOIDES ET UTILISATION ANTIVIRALE
[72] DEVENTER, STEPHEN VAN, CA
[71] PREVECEUTICAL MEDICAL INC., CA
[85] 2023-05-18
[86] 2021-11-19 (PCT/AU2021/051383)
[87] (WO2022/104431)
[30] AU (2020904291) 2020-11-20

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[25] EN
[54] ENVIRONMENTAL DECONTAMINATION
[54] DECONTAMINATION ENVIRONNEMENTALE
[72] BERENTSVEIG, VLADIMIR, AU
[71] SABAN VENTURES PTY LIMITED, AU
[85] 2023-05-18
[86] 2021-12-07 (PCT/AU2021/051457)
[87] (WO2022/120416)
[30] AU (2020904516) 2020-12-07

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[25] EN
[54] METHODS AND USES FOR NDFIP1 FUSION POLYPEPTIDES IN TREATING NEURODEGENERATIVE DISEASES, BRAIN AND/OR TRAUMATIC AND NON-TRAUMATIC SPINAL CORD INJURIES, AND/OR OPTIC NEUROPATHIES

[54] PROCEDES ET UTILISATIONS POUR DES POLYPEPTIDES DE FUSION NDFIP1 DANS LE TRAITEMENT DE MALADIES NEURODEGENERATIVES, DE LESIONS CEREBRALES ET/OU TRAUMATIQUES ET NON TRAUMATIQUES DE LA MOELLE EPINIÈRE ET/OU DE NEUROPATHIES OPTIQUES

[72] FEHLINGS, MICHAEL GEORGE, CA
[72] KHAZAEI, MOHAMMAD, CA
[71] UNIVERSITY HEALTH NETWORK, CA
[85] 2023-05-18
[86] 2021-12-02 (PCT/CA2021/051720)
[87] (WO2022/115951)
[30] US (63/120,574) 2020-12-02

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[25] EN
[54] FUNCTIONALISED POLYGLYCINE-POLY(ALKYLENE IMINE)-COPOLYMERS, THE PREPARATION THEREOF AND USE THEREOF FOR PREPARING FORMULATIONS OF OR FOR COMPLEXING ANIONIC ACTIVE INGREDIENTS AND EFFECT SUBSTANCES

[54] COPOLYMERES DE POLYGLYCINE-POLY(ALKYLENE IMINE) FONCTIONNALISES, PREPARATION ASSOCIEE ET UTILISATION CORRESPONDANTE POUR LA PREPARATION DE FORMULATIONS DE OU POUR LA COMPLEXATION D'INGREDIENTS ACTIFS ANIONIQUES ET DE SUBSTANCES A EFFET

[72] WEBER, CHRISTINE, DE
[72] GOPPERT, NATALIE, DE
[72] SCHUBERT, ULRICH S., DE
[71] FRIEDRICH-SCHILLER-UNIVERSITAT JENA, DE
[85] 2023-05-18
[86] 2021-11-19 (PCT/EP2021/000145)
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[25] EN
[54] VASCULAR ACCESS DEVICE WITH VESSEL ACCOMODATION
[54] DISPOSITIF D'ACCES VASCULAIRE AVEC LOGEMENT DE VAISSEAU
[72] GLOWCZWSKI, ALAN, US
[71] VOYAGER BIOMEDICAL, INC., US
[85] 2023-05-18
[86] 2021-11-19 (PCT/US2021/060069)
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[25] EN
[54] COMPOUNDS, COMPOSITIONS, AND METHODS
[54] COMPOSES, COMPOSITIONS ET PROCEDES
[72] BAGDASARIAN, ALEX L., US
[72] BUCHER, CYRIL, US
[72] CRAIG, II, ROBERT A., US
[72] DE VICENTE FIDALGO, JAVIER, US
[72] ESTRADA, ANTHONY A., US
[72] FOX, BRIAN M., US
[72] HU, CHENG, US
[72] HUFFMAN, BENJAMIN J., US
[72] LEXA, KATRINA W., US
[72] NILEWSKI, LIZANNE G., US
[72] OSIPOV, MAKSIM, US
[72] THOTTUMKARA, ARUN, US
[71] DENALI THERAPEUTICS INC., US
[85] 2023-05-18
[86] 2021-11-19 (PCT/US2021/060088)
[87] (WO2022/109268)
[30] US (63/116,727) 2020-11-20
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[25] EN
[54] TEXTURE-CONTROLLED FIBER INGREDIENT CONTAINING VISCOUS SOLUBLE FIBER AND CONSUMABLE FOOD AND FIBER SUPPLEMENT PRODUCTS INCORPORATING SAME
[54] INGREDIENT A BASE DE FIBRES A TEXTURE CONTROLEE CONTENANT DES FIBRES SOLUBLES VISQUEUSES ET PRODUITS ALIMENTAIRES ET DE SUPPLEMENT DE FIBRES CONSOMMABLES INCORPORANT CELUI-CI
[72] GALUSKA, PETER J., US
[72] GOEDEKEN, DOUGLAS L., US
[72] GUGGER, ERIC T., US
[72] HUBER, JEFFREY, US
[72] WHITMAN, SCOTT, US
[71] GENERAL MILLS, INC., US
[85] 2023-05-18
[86] 2021-11-19 (PCT/US2021/060110)
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[30] US (63/116,401) 2020-11-20
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[51] Int.Cl. A46B 5/00 (2006.01) A46B 7/06 (2006.01) A46B 9/04 (2006.01) A46B 13/06 (2006.01) A46B 3/00 (2006.01)
[25] EN
[54] POWERED DENTAL CLEANING DEVICE
[54] DISPOSITIF DE NETTOYAGE DENTAIRE ELECTRIQUE
[72] BREWER, GERALD K., US
[72] SCHWARTZ, RYAN, US
[72] HARRIFF, SUMMER, US
[72] BREWER, ERIC, US
[72] BREWER, CRYSTAL, US
[72] VAINIKKA, CALEB, US
[72] REDINGER, CHRIS, US
[72] WILLIAMS, HEATHER, US
[72] POOLE, AARON, US
[72] SKIDMORE, JOE, US
[72] WOOD, CHARLIE, US
[72] BAYEH, DANIEL, US
[71] RYCA INTERNATIONAL, INC., US
[85] 2023-05-18
[86] 2021-11-19 (PCT/US2021/060203)
[87] (WO2022/109342)
[30] US (63/116,426) 2020-11-20
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[25] EN
[54] ACOUSTIC BIOSENSOR ASSAY ASSEMBLY
[54] ENSEMBLE DE DOSAGE PAR BIOCAPTEUR ACOUSTIQUE
[72] OSEEV, ALEKSANDR, FR
[72] LEBLOIS, THERESE, FR
[71] UNIVERSITE DE FRANCHE COMTE, FR
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[86] 2021-10-18 (PCT/EP2021/078820)
[87] (WO2022/128208)
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- [25] EN
- [54] ENANTIOSELECTIVE ALKENYLATION OF ALDEHYDES
- [54] ALCENYLATION ENANTIOSELECTIVE D'ALDEHYDES
- [72] BAUCOM, KYLE D., US
- [72] CORBETT, MICHAEL T., US
- [72] CUI, SHENG, US
- [72] LANGILLE, NEIL F., US
- [72] ROTHELI, ANDREAS RENE, US
- [72] PROFETA, ROBERTO, US
- [72] SMITH, AUSTIN G., US
- [71] AMGEN INC., US
- [85] 2023-05-18
- [86] 2021-11-23 (PCT/US2021/060447)
- [87] (WO2022/115400)
- [30] US (63/118,057) 2020-11-25

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- [25] EN
- [54] NOVEL ANTIGENS
- [54] NOUVEAUX ANTIGENES
- [72] ADAMO, ROBERTO, IT
- [72] COZZI, ROBERTA, IT
- [72] FANTONI, ADELE, IT
- [72] PHOGAT, SANJAY, IT
- [72] ROSINI, ROBERTO, IT
- [72] SCARSELLI, MARIA, IT
- [72] WAHOME, NEWTON, US
- [71] GLAXOSMITHKLINE BIOLOGICALS SA, BE
- [85] 2023-05-18
- [86] 2021-11-30 (PCT/EP2021/083659)
- [87] (WO2022/117595)
- [30] EP (20211337.9) 2020-12-02
- [30] EP (20214942.3) 2020-12-17

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- [25] EN
- [54] PRESSURE DIE-CASTING MACHINE HAVING A SHUT-OFF VALVE IN THE MELT INLET CHANNEL AND OPERATING METHOD
- [54] MACHINE DE COULEE SOUS PRESSION COMPRENANT UNE SOUPAPE D'ARRET DANS LE CANAL D'ENTREE DE MATIERE FONDUE, ET PROCEDE DE FONCTIONNEMENT
- [72] GERNER, DANIEL, DE
- [72] SYDLO, ANDREAS, DE
- [71] OSKAR FRECH GMBH + CO. KG, DE
- [85] 2023-05-18
- [86] 2021-12-01 (PCT/EP2021/083722)
- [87] (WO2022/122496)
- [30] DE (10 2020 215 665.4) 2020-12-10

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- [51] Int.Cl. C07D 487/02 (2006.01) A61K 31/4196 (2006.01) A61P 25/28 (2006.01)
- [25] EN
- [54] PROCESS FOR THE PREPARATION 4-(3,5-DIFLUOROPHENYL)-N-[3-(6-METHYL PYRIMIDIN-4-YL)-3-AZABICYCLO[3.2.1]OCTAN-8-YL]-6,7-DIHYDRO-5H-[1,2,4]TRIAZOLO[1,5-A]PYRIMIDIN-2-AMINE
- [54] PROCEDE DE PREPARATION DE 4-(3,5-DIFLUOROPHENYL)-N-[3-(6-METHYL PYRIMIDIN-4-YL)-3-AZABICYCLO[3.2.1]OCTAN-8-YL]-6,7-DIHYDRO-5H-[1,2,4]TRIAZOLO[1,5-A]PYRIMIDIN-2-AMINE
- [72] ZHANG, GUOCAI, CN
- [72] CHEN, WEICHUN, CN
- [71] F. HOFFMANN-LA ROCHE AG, CH
- [85] 2023-05-18
- [86] 2021-12-08 (PCT/EP2021/084734)
- [87] (WO2022/122800)
- [30] CN (PCT/CN2020/135294) 2020-12-10

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- [51] Int.Cl. C07C 29/17 (2006.01) C07C 33/26 (2006.01)
- [25] EN
- [54] PROCESS FOR THE PREPARATION OF A CHIRAL TRIOL
- [54] PROCEDE DE PREPARATION D'UN TRIOL CHIRAL
- [72] GLASS, ANNA-LENA, CH
- [72] HONG, ALLEN YU, US
- [72] PUENTENER, KURT, CH
- [71] F. HOFFMANN-LA ROCHE AG, CH
- [71] GENENTECH, INC., US
- [85] 2023-05-18
- [86] 2022-01-13 (PCT/EP2022/050575)
- [87] (WO2022/152769)
- [30] EP (21151758.6) 2021-01-15

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- [51] Int.Cl. F16L 55/165 (2006.01) E02D 29/12 (2006.01) F16L 11/04 (2006.01)
- [25] EN
- [54] LINING TUBE FOR RESTORING DEFECTIVE SEWER SHAFTS AND METHOD FOR PRODUCING AND INSTALLING SUCH A TUBE
- [54] TUBE DE REVETEMENT POUR LA RESTAURATION D'ARBRES D'EGOUT DEFECTUEUX ET SON PROCEDE DE FABRICATION ET D'INSTALLATION
- [72] BLENKE, STEFAN, DE
- [72] EBELING, MILAN, DE
- [71] BRANDENBURGER LINER GMBH & CO. KG, DE
- [85] 2023-05-18
- [86] 2021-10-26 (PCT/EP2021/079672)
- [87] (WO2022/128217)
- [30] DE (10 2020 134 224.1) 2020-12-18

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- [25] EN
- [54] SWEETENER COMPOSITION
- [54] COMPOSITION D'EDULCORANT
- [72] DIGIROLAMO, LAURA, GB
- [72] RUDOLPH, MARVIN J., US
- [71] HAPY SWEET BEE LTD, GB
- [85] 2023-05-18
- [86] 2020-11-18 (PCT/GB2020/052934)
- [87] (WO2021/099773)
- [30] US (16/687,025) 2019-11-18
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[25] EN

[54] PROTEIN PREPARATION PRODUCED FROM PUMPKIN SEEDS AND PREPARATION METHOD

[54] PREPARATION DE PROTEINE PRODUITE A PARTIR DE GRAINES DE CITROUILLE ET PROCEDE DE PREPARATION

[72] EISNER, PETER, DE

[72] STABLER, ANDREAS, DE

[72] MITTERMAIER, STEPHANIE, DE

[72] WIMMER, DOMINIC, DE

[72] SCHREIBER, KLAUS, DE

[72] MURANYI, ISABEL, DE

[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E. V., DE

[85] 2023-05-18

[86] 2021-11-18 (PCT/EP2021/082077)

[87] (WO2022/112082)

[30] DE (10 2020 131 026.9) 2020-11-24

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[13] A1

[51] Int.Cl. A23J 1/14 (2006.01) A23J 3/14 (2006.01)

[25] EN

[54] PROTEIN PREPARATION PRODUCED FROM HEMP SEEDS AND PREPARATION METHOD

[54] PREPARATION DE PROTEINE PRODUITE A PARTIR DE GRAINES DE CHANvre ET PROCEDE DE PREPARATION

[72] EISNER, PETER, DE

[72] STABLER, ANDREAS, DE

[72] MITTERMAIER, STEPHANIE, DE

[72] WIMMER, DOMINIC, DE

[72] SCHREIBER, KLAUS, DE

[72] MURANYI, ISABEL, DE

[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E. V., DE

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[86] 2021-11-18 (PCT/EP2021/082078)

[87] (WO2022/112083)

[30] DE (10 2020 131 027.7) 2020-11-24

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[13] A1

[51] Int.Cl. A47B 88/969 (2017.01) A47B 88/75 (2017.01) A47B 67/04 (2006.01)

[25] EN

[54] VANITY FOLD-OUT ORGANIZER

[54] DISPOSITIF RANGE-TOUT DEPLIABLE POUR MEUBLE DE TOILETTE

[72] NG, SHERKY, CA

[71] IKOU INC., CA

[85] 2023-06-16

[86] 2020-12-24 (PCT/CA2020/051798)

[87] (WO2022/133571)

[21] **3,202,564**
[13] A1

[51] Int.Cl. A01M 1/20 (2006.01)

[25] EN

[54] DEVICE AND METHOD TO DISTRIBUTE AIR TREATMENT SUBSTANCE

[54] DISPOSITIF ET PROCEDE POUR DISTRIBUER UNE SUBSTANCE DE TRAITEMENT DE L'AIR

[72] GUIMBARD, PHILIPPE, FR

[71] DISCOVERY PURCHASER CORPORATION, US

[85] 2023-05-18

[86] 2021-11-19 (PCT/EP2021/082268)

[87] (WO2022/106601)

[30] EP (20290078.3) 2020-11-19

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[13] A1

[51] Int.Cl. A01D 85/00 (2006.01) A01F 15/08 (2006.01) A01F 15/14 (2006.01)

[25] EN

[54] METHOD FOR SUPPLYING A BALE IDENTIFICATION TAG TO AN AGGREGATE OF AGRICULTURAL BALES

[54] PROCEDE POUR FOURNIR UNE ETIQUETTE D'IDENTIFICATION DE BALLE A UN AGREGAT DE BALLES AGRICOLES

[72] HAMILTON, KEVIN, US

[72] BOLLINGER, SHANE, US

[72] KENDRICK, PATRICK, US

[71] AGCO CORPORATION, US

[85] 2023-05-18

[86] 2021-10-06 (PCT/IB2021/059175)

[87] (WO2022/130043)

[30] US (63/128,020) 2020-12-19

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[51] Int.Cl. A61K 31/4412 (2006.01) A61P 25/00 (2006.01) C07D 213/89 (2006.01) C07D 401/12 (2006.01)

[25] EN

[54] PROCESSES FOR PREPARING ARIMOCLOMOL CITRATE AND INTERMEDIATES THEREOF

[54] PROCEDES DE PREPARATION DE CITRATE D'ARIMOCLOMOL ET INTERMEDIAIRES ASSOCIES

[72] ZHANG, ZHE, US

[72] READ, MARK, US

[72] CARSTENSEN, ELISABETH VANG, DK

[72] POPPE, MARCO, AT

[72] PELZ, ANDREAS, AT

[71] ZEVRA DENMARK A/S, DK

[85] 2023-05-18

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[87] (WO2022/106614)

[30] US (63/115,749) 2020-11-19

[30] EP (20209467.8) 2020-11-24

[30] US (63/211,809) 2021-06-17

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[51] Int.Cl. C12N 15/113 (2010.01)

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[54] UMLILO ANTISENSE TRANSCRIPTION INHIBITORS

[54] INHIBITEURS DE TRANSCRIPTION ANTISENS UMLILO

[72] TURCU, GABRIEL VIRGIL, NL

[72] CIUREZ, MARIUS ANDREI, NL

[72] BERRY, STEPHANIE, NL

[71] LEMBA BV, NL

[85] 2023-05-18

[86] 2021-11-17 (PCT/IB2021/060676)

[87] (WO2022/107025)

[30] US (63/115,448) 2020-11-18

[30] US (63/235,890) 2021-08-23

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 - [54] SYSTEME ET PROCEDE DE CONTROLE DE L'ACCES A UNE PLACE DE MARCHE PRIVEE SUR UN RESEAU DE CHAINE D'APPROVISIONNEMENT
 - [72] SURILOV, MIKLE, US
 - [72] MALHOTRA, ASEEMITA, US
 - [72] STREICH, ANDREW ALAN, US
 - [71] CHEWY, INC., US
 - [85] 2023-05-18
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 - [54] SYSTEM AND METHOD FOR AUTOMATED INTUBATION
 - [54] SYSTEME ET PROCEDE D'INTUBATION AUTOMATIQUE
 - [72] CHAUHAN, SANKET SINGH, US
 - [72] DAS, ADITYA NARAYAN, US
 - [71] SOMEONE IS ME, LLC, US
 - [85] 2023-05-18
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 - [54] METHODES DE TRAITEMENT DU CANCER DU SEIN AVEC DES DERIVES DE TETRAHYDRONAPHTALENE EN TANT QU'AGENTS DE DEGRADATION DU RECEPTEUR DES STROGENES
 - [72] CHEN, XIN, US
 - [72] CREW, ANDREW P., US
 - [72] FLANAGAN, JOHN, US
 - [72] GOUGH, SHERYL MAXINE, US
 - [72] HASKELL, III, ROYAL J., US
 - [72] MOORE, MARCIA DOUGAN, US
 - [72] QIAN, YIMIN, US
 - [72] TAYLOR, IAN CHARLES ANTHONY, US
 - [72] WANG, JING, US
 - [71] ARVINAS OPERATIONS, INC., US
 - [85] 2023-05-18
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 - [54] SYSTEMS AND METHODS FOR CELL ENRICHMENT, ISOLATION AND FORMULATION
 - [54] SYSTEMES ET PROCEDES POUR L'ENRICHISSEMENT, L'ISOLEMENT ET LA FORMULATION DE CELLULES
 - [72] HEIMBERG, YORICK, US
 - [72] MARTI, OLIVIER, US
 - [72] MERMOD, THOMAS, US
 - [72] DUBATH, BENOIT, US
 - [72] CAMISANI, JULIEN, US
 - [71] GLOBAL LIFE SCIENCES SOLUTIONS USA LLC, US
 - [85] 2023-05-18
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 - [54] DISPOSITIF DE PROTECTION D'ANASTOMOSE
 - [72] SHAN, TENG, CN
 - [72] CHEN, WANGDONG, CN
 - [72] CAO, YUANYANG, CN
 - [71] TOUCHSTONE INTERNATIONAL MEDICAL SCIENCE CO., LTD., CN
 - [85] 2023-05-19
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- [54] ANASTOMOSIS PROTECTION DEVICE
- [54] DISPOSITIF DE PROTECTION DE STOMIE ANASTOMOTIQUE
- [72] SHAN, TENG, CN
- [72] CHEN, WANGDONG, CN
- [72] CAO, YUANYANG, CN
- [71] TOUCHSTONE INTERNATIONAL MEDICAL SCIENCE CO., LTD., CN
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- [54] MONITEUR D'ORDINATEUR DE PURIFICATION D'AIR AMELIORE
- [72] BLUM, RONALD, US
- [72] BROACH, ANITA, US
- [72] LOEB, JACK, US
- [72] SHELDON, STUART, US
- [71] AIR-CLENZ SYSTEMS, LLC, US
- [85] 2023-06-16
- [86] 2021-12-15 (PCT/US2021/010060)
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- [30] US (63/125,701) 2020-12-15
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- [54] PROCEDE ET SYSTEME DE DETECTION DE CAPTEUR DE POSITION D'ARRET DE LANCE DE LIQUIDE
- [72] SZABO, DANIEL, US
- [71] STONEAGE, INC., US
- [85] 2023-06-16
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- [54] FERMETURE A BOUCHON DE BONDE
- [72] PREE, KARL-HEINZ, DE
- [72] KLATT, BERND, DE
- [71] PROTECHNA S.A., CH
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- [54] PROCEDE ET APPAREIL DE RECONNAISSANCE D'UTILISATEUR
- [72] CALLEGARI, UMBERTO, IT
- [72] CAPOZZA, MASSIMO, IT
- [72] SBIANCHI, FABIO, IT
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- [71] ALPHA ANOMERIC SAS, FR
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- [54] ELIMINATION DE SUBSTANCES ODORANTES CONTENUES DANS DES DECHETS DE POLYOLEFINES POST-CONSOMMATION
- [72] DENIFL, PETER, AT
- [72] PIETTRE, KILIAN, AT
- [72] PAN, CHENG, AT
- [71] BOREALIS AG, AT
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- [72] MCGARIAN, BRUCE, GB
- [71] MCGARIAN, BRUCE, GB
- [85] 2023-05-19
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- [54] VEHICULE A PEDALES ET CHASSIS POUR VEHICULE A PEDALES
- [72] EDWARDS, NEIL, GB
- [72] MACMARTIN, NEIL, GB
- [72] WOOD, PHILIP, GB
- [71] FREEFLOW TECHNOLOGIES LIMITED, GB
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- [54] SYSTEME ET INTERFACE UTILISATEUR POUR PRODUIRE UNE RECETTE POUR COMPOSITIONS DURCISSEABLES
- [72] LEPPANEN, JUHA, FI
- [72] KALLASVUO, OLLI-PEKKA, FI
- [71] BETOLAR OY, FI
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- [54] DISPOSITIF DE RELAIS TELEPHONIQUE, SERVEUR DE TELECONFERENCE, SYSTEME DE TELECONFERENCE, PROCEDE DE RELAIS TELEPHONIQUE, PROCEDE DE RELAIS D'APPELS AUDIO, ET PROGRAMME
- [72] ABE, TATSUHIKO, JP
- [71] NEC PLATFORMS, LTD., JP
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- [54] JOINT D'ETANCHEITE A EXPANSION ELEVEE AUTOGENFLANT
- [72] BROWN, GARETH, GB
- [72] FRY, OLIVER, GB
- [71] SCHLUMBERGER CANADA LIMITED, CA
- [85] 2023-05-19
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- [54] PLATEFORME DE SELECTION DE CONTENU D'APPRENTISSAGE AUTOMATIQUE INTELLIGENT
- [72] NOVAKIVSKY, KONSTANTIN, US
- [72] CALABRESE, JOHN A., US
- [72] DOW, STEPHEN H., US
- [72] CULLIVAN, NATHAN S., US
- [72] LOCKE, CHRISTOPHER J., US
- [72] LAVIDOR, EVAN S., US
- [71] SIGNAL FINANCIAL TECHNOLOGIES LLC, US
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- [54] SYSTEME D'ELIMINATION DE PARTICULES D'UN LIQUIDE
- [72] HARTWELL, ERIK KARL, US
- [72] LIU, BO, US
- [72] FIGOLA, DANIEL JOHN, US
- [71] ADVANCED DRAINAGE SYSTEMS, INC., US
- [85] 2023-05-19
- [86] 2021-11-12 (PCT/US2021/059098)
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- [54] IMAGERIE A BASE D'INFRAROUGE A ONDES COURTES
- [72] LI, ZHONGMING, US
- [71] CISITION VISION, INC., US
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- [54] COMPOSES ET COMPOSITIONS A PETITES MOLECULES
- [72] WIDDOWSON, KATHERINE, US
- [72] BELL, ROBERT JOSEPH ALLEN, US
- [72] KULKARNI, SANTOSH, IN
- [71] TELO THERAPEUTICS, INC., US
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TREATMENT FOR ALCOHOL
USE DISORDER
[54] TRAITEMENT A BASE DE
CYCLOBENZAPRINE POUR UN
TROUBLE DE CONSOMMATION
D'ALCOOL
[72] LEDERMAN, SETH, US
[72] SULLIVAN, GREG M., US
[71] TONIX PHARMACEUTICALS
HOLDING CORP., US
[85] 2023-05-19
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METHOD AND APPARATUS,
COMMUNICATION DEVICE, AND
READABLE STORAGE MEDIUM
[54] METHODE ET APPAREIL DE
TRANSMISSION DE MESSAGE,
DISPOSITIF DE
COMMUNICATION ET SUPPORT
DE STOCKAGE LISIBLE
[72] CHENG, WEIQIANG, CN
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CO., LTD RESEARCH INSTITUTE,
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[54] PEPTIDE EPITOPE MUTANT RAS
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RECONNAISSANT UN MUTANT
RAS
[72] MOU, NAN, CN
[72] YU, YUE, CN
[72] YUAN, JIJUN, CN
[71] SHANGHAI GENBASE
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[54] SYSTEME DE VERROU
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[72] LAI, CHIEN-CHOU, CN
[72] WANG, DY-CHENG, CN
[71] TEAM YOUNG TECHNOLOGY CO.,
LTD., CN
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AND ELECTROLYSIS
APPARATUS
[54] PROCEDE DE
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[72] TREMEL, ALEXANDER, DE
[72] WOLF, ERIK, DE
[71] SIEMENS ENERGY GLOBAL GMBH
& CO. KG, DE
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[87] (WO2022/112003)
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SOURCE OF BIOMARKERS
RELEVANT FOR DIAGNOSIS,
PROGNOSIS AND THERAPY OF
CANCERS
[54] LA 2'-O-METHYLATION DES ARN
RIBOSOMIQUES COMME
NOUVELLE SOURCE DE
BIOMARQUEURS PERTINENTS
POUR LE DIAGNOSTIC, LE
PRONOSTIC ET LA THERAPIE
CONTRE LES CANCERS
[72] DIAZ, JEAN-JACQUES, FR
[72] MARCEL-TERRIER, VIRGINIE, FR
[72] KIELBASSA, JANICE, FR
[72] CATEZ, FREDERIC, FR
[71] CENTRE LEON BERARD, FR
[71] CENTRE NATIONAL DE LA
RECHERCHE SCIENTIFIQUE
(CNRS), FR
[71] INSERM (INSTITUT NATIONAL DE
LA SANTE ET DE LA RECHERCHE
MEDICALE), FR
[71] UNIVERSITE CLAUDE BERNARD
LYON 1, FR
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[54] SPECIFICATION EFFICACE ET RAPIDE DE SOUS-TYPES NEURONAUX RACHIDIENS A PARTIR DE CELLULES SOUCHES PLURIPOENTES HUMAINES
 [72] NEDELEC, STEPHANE, FR
 [72] MARTINAT, CECILE, FR
 [72] MOUILLEAU, VINCENT, FR
 [72] VASLIN, CELIA, FR
 [71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
 [71] SORBONNE UNIVERSITE, FR
 [71] UNIVERSITE D'EVRY-VAL-D'ESSONNE, FR
 [71] CENTRE D'ETUDE DES CELLULES SOUCHES (CECS), FR
 [71] UNIVERSITE PARIS-SACLAY, FR
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[54] COMPOSITIONS D'HUILE LUBRIFIANTE
 [72] ONOUCHI, HISANARI, JP
 [72] TANAKA, ISAO, JP
 [71] CHEVRON JAPAN LTD., JP
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 [86] 2021-11-16 (PCT/IB2021/060601)
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 [25] EN
[54] MODULAR DEVICE FOR THE STORAGE AND DELIVERY OF ELECTRICAL ENERGY
[54] DISPOSITIF MODULAIRE POUR STOCKAGE ET DISTRIBUTION D'ENERGIE ELECTRIQUE
 [72] ROSATI, DANIELE, IT
 [71] NHOA ENERGY S.R.L., IT
 [85] 2023-05-23
 [86] 2021-11-22 (PCT/IB2021/060797)
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 [25] EN
[54] DEVICE FOR COLLECTING EXHALED BREATH
[54] DISPOSITIF POUR COLLECTER L'HALEINE EXHALEE
 [72] MANNI, ANDREA, IT
 [71] SPECTRA 2000 S.R.L., IT
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 [86] 2021-11-22 (PCT/IB2021/060810)
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[54] PROCEDES DE PREVENTION, DE RETARDEMEN OU D'AMELIORATION DE MALADIES ATOPIQUES
 [72] FARABI, KAMYAR, US
 [72] INSEL, RICHARD, US
 [72] NEEDLEMAN, DOLORES, US
 [71] JOHNSON & JOHNSON CONSUMER INC., US
 [85] 2023-05-23
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 [25] EN
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[54] DISPOSITIF DE FIXATION DE PROTECTION
 [72] LEVY, EMILY, ANA, US
 [72] AL-HUMAIDHI, YOUSEF, US
 [72] GOMEZ VIYELLA, MARIA DEL MAR, US
 [71] MIGHTY WELL, INC., US
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 [30] US (63/117,765) 2020-11-24

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 [25] EN
[54] MULTI-VEHICLE CHARGING SYSTEM
[54] SYSTEME DE CHARGE MULTI-VEHICULE
 [72] JOHNSON, KWABENA, US
 [71] PLUG ZEN, LLC, US
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 [86] 2021-11-23 (PCT/US2021/060453)
 [87] (WO2022/109437)
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 [25] EN
[54] THREADED PIPE CONNECTIONS WITH IMPROVED LEAK TIGHTNESS
[54] RACCORDS FILETES DE TUYAUX A ETANCHEITE AMELIOREE
 [72] BENNETT, ALEXANDER, US
 [72] GARIKAPATI, CHANDRASHEKAR, US
 [72] BENNETT, FREDERICK C., US
 [72] CLATWORTHY, MATTHEW, US
 [72] TUMA, KEITH A., US
 [71] UNITED STATES STEEL CORPORATION, US
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 [86] 2021-11-23 (PCT/US2021/060543)
 [87] (WO2022/109464)
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 - [25] EN
 - [54] MCL-1 INHIBITOR ANTIBODY-DRUG CONJUGATES AND METHODS OF USE
 - [54] CONJUGUES ANTICORPS-MEDICAMENT INHIBITEURS DE MCL-1 ET PROCEDES D'UTILISATION
 - [72] BURGER, MATTHEW T., US
 - [72] ROCCHETTI, FRANCESCA, FR
 - [72] CHEN, ZHUOLIANG, US
 - [72] D'ALESSIO, JOSEPH ANTHONY, US
 - [72] KLINTER, CLAUDIA JUDITH, CH
 - [72] MCNEILL, ERIC, US
 - [72] MUNDT, CORNELIA ANNE, CH
 - [72] NAKAJIMA, KATSUMASA, US
 - [72] NEWCOMBE, RICHARD VAUGHAN, US
 - [72] PALERMO, MARK G., US
 - [72] SCHWEIGHOFFER, TAMAS, CH
 - [72] YU, BING, US
 - [72] WINKELBACH, KATHARINA, CH
 - [72] ZHANG, QIANG, US
 - [72] BRESSON, LAURA, FR
 - [72] COLLAND, FREDERIC, FR
 - [72] MARAGNO, ANA LETICIA, FR
 - [71] NOVARTIS AG, CH
 - [71] LES LABORATOIRES SERVIER, FR
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- [54] PARTICULES DE CABOZANTINIB AMORPHES ET UTILISATIONS ASSOCIEES
- [72] WERTZ, CHRISTIAN F., US
- [72] CHEN, TZEHAW, US
- [72] MCTARSNEY, JOSEPH, US
- [71] NANOCOPOEIA, LLC, US
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 - [54] NOVEL SPIROPYRROLIDINE DERIVED ANTIVIRAL AGENTS
 - [54] NOUVEAUX AGENTS ANTIVIRAUX DERIVES DE SPIROPYRROLIDINE
 - [72] WANG, GUOQIANG, US
 - [72] SHEN, RUICHAO, US
 - [72] MA, JUN, US
 - [72] HE, YONG, US
 - [72] XING, XUECHAO, US
 - [72] CAO, HUI, US
 - [72] GAO, XURI, US
 - [72] PENG, XIAOWEN, US
 - [72] PANARESE, JOSEPH D., US
 - [72] OR, YAT SUN, US
 - [71] ENANTA PHARMACEUTICALS, INC., US
 - [85] 2023-05-19
 - [86] 2021-11-22 (PCT/US2021/060243)
 - [87] (WO2022/109360)
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- [25] EN
- [54] MEDICATION ADHERENCE SYSTEM
- [54] SYSTEME DE SURVEILLANCE DE MEDICATION
- [72] STEINHAUSER, MICHAEL K., US
- [71] STEINHAUSER, MICHAEL K., US
- [85] 2023-05-19
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 - [54] A THERMOPLASTIC POLYURETHANE RESIN COMPOSITION
 - [54] COMPOSITION DE RESINE DE POLYURETHANE THERMOPLASTIQUE
 - [72] ARIS, ZARIF FARHANA MOHD, US
 - [72] CANUTO, LIDINA KALUNGA, US
 - [72] MARKEN, CHRISTOPHER CHARLES, US
 - [72] CAO, LAN, US
 - [71] HUNTSMAN INTERNATIONAL LLC, US
 - [85] 2023-05-19
 - [86] 2021-12-01 (PCT/US2021/061339)
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- [25] EN
- [54] SYSTEMS AND METHODS FOR PRODUCING DISEASE-ASSOCIATED PROTEIN COMPOSITIONS
- [54] SYSTEMES ET PROCEDES DE PRODUCTION DE COMPOSITIONS DE PROTEINES ASSOCIEES A DES MALADIES
- [72] BIACCI, DANIELE, GB
- [72] DE SANTIAGO DOMINGOS DE JESUS, INES, GB
- [72] TAPTAS, BERKE CAGKAN, US
- [72] RAKOCEVIC, GORAN, RS
- [71] TOTIENT, INC., US
- [85] 2023-05-19
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[54] SINGLE ENERGY SOURCE PROJECTILE PERFORATING SYSTEM
[54] SYSTEME DE PERFORATION PAR PROJECTILES A SOURCE D'ENERGIE UNIQUE
[72] WILSON, SHANE MATTHEW, US
[72] TAYLOR, ZACHARY JAMES, US
[72] STOVALL, TY EDGAR, US
[71] HUNTING TITAN, INC., US
[85] 2023-05-22
[86] 2021-12-08 (PCT/US2021/062475)
[87] (WO2022/125703)
[30] US (63/122,872) 2020-12-08

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[25] EN
[54] PROCESS FOR PRODUCTION OF ACETIC ACID AND ACRYLIC ACID FROM WASTE CARBON CONTAINING MATERIALS WITH REDUCED CARBON FOOTPRINT
[54] PROCEDE DE PRODUCTION D'ACIDE ACETIQUE ET D'ACIDE ACRYLIQUE A PARTIR DE DECHETS CONTENANT DU CARBONE AYANT UNE EMPREINTE CARBONE REDUITE
[72] LYNCH, DAVID, CA
[72] KUMAR, PRASHANT, CA
[72] AHMED, IMTIAZ, CA
[71] ENERKEM INC., CA
[85] 2023-05-23
[86] 2021-11-04 (PCT/CA2021/051565)
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[30] US (63/118,103) 2020-11-25

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[25] EN
[54] LOW DENSITY COLD ROLLED AND ANNEALED STEEL SHEET, METHOD OF PRODUCTION THEREOF AND USE OF SUCH STEEL TO PRODUCE VEHICLE PARTS
[54] FEUILLE D'ACIER A BASSE DENSITE LAMINEE A FROID ET RECUITE, SON PROCEDE DE PRODUCTION ET UTILISATION D'UN TEL ACIER POUR PRODUIRE DES PIECES DE VEHICULE
[72] LORENZINI, PASCAL, FR
[72] GARAT, XAVIER, FR
[71] ARCELORMITTAL, LU
[85] 2023-05-16
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[87] (WO2022/123299)

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[25] EN
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[54] CONTROLE D'EMISSIONS DE GAZ A EFFET DE SERRE
[72] QUIGLEY, PETER, US
[72] MARTIN, IAN, US
[72] NEFF, NICOLE, US
[72] ROWBOTTOM, JACK, US
[72] HALE, BRIAN, US
[72] SIMS, MELINDA, US
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[54] COMPOSES, COMPOSITIONS ET METHODES POUR LE TRAITEMENT, L'AMELIORATION OU LA PREVENTION DES INFECTIONS VIRALES
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[72] RAMAGE, HOLLY, US
[71] THOMAS JEFFERSON UNIVERSITY, US
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[54] CONTREFORT DE CHAUSSURES POUR UNE ENTREE ET UN RETRAIT PLUS FACILES
[72] WEEKS, JOHN MAXWELL, US
[72] KELLEY, SCOTT, US
[72] CHUANG, FRANK F., US
[72] LIAO, PEI-CHUN, US
[72] TJA, JOHNSON, CN
[72] XIE, HUI, CN
[72] STOCKBRIDGE, KURT, US
[71] SKECHERS U.S.A., INC. II, US
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[54] VIRUS ONCOLYTIQUE POUR L'ADMINISTRATION SYSTEMIQUE ET LES ACTIVITES ANTI-TUMORALES AMELIOREES
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[72] FU, XINPING, US
[71] UNIVERSITY OF HOUSTON SYSTEM, US
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[54] COMMUNICATION SANS FIL AVEC DES FAISCEAUX QUASI-OMNIDIRECTIONNELS ET DIRECTIONNELS
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[72] MALLIK, SIDDHARTH, US
[71] XCOM LABS, INC., US
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[54] RECIPIENT DE CULTURE POUR UN SYSTEME DE BIOTRAITEMENT
[72] PETITFOURG, NICOLAS, US
[72] FONTOVA SOSA, ANDREU, US
[72] TIMMINS, MARK, US
[72] CHEROK, DENNIS, US
[72] FRAGA, FERNANDO, US
[72] FRASER, DONALD, US
[72] FREUND, NATE W., US
[71] GLOBAL LIFE SCIENCES SOLUTIONS USA LLC, US
[71] KITE PHARMA, INC., US
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[54] METHODES ET COMPOSITIONS DE TRAITEMENT D'UNE MALADIE PULMONAIRE OBSTRUCTIVE CHRONIQUE, DE L'ASTHME, DE LA BRONCHITE CHRONIQUE, DE LA FIBROSE KYSTIQUE, DE L'EDEME PULMONAIRE, DE LA MALADIE PULMONAIRE INTERSTITIELLE, DE LA SARCOÏDOSE, DE LA FIBROSE PULMONAIRE IDIOPATHIQUE, DU SYNDROME DE DETRESSE RESPIRATOIRE AIGUE ET DE L'HYPERTENSION ARTERIELLE PULMONAIRE

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[72] MAGOLSKE, CHARLES, US
[72] EGLITE, ERIK R., US
[71] REVERSPAHL LLC, US
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[54] APPAREIL D'EXERCICE AVEC AFFICHAGE IMMERSIF INTEGRE
[72] MATSON, SAMUEL MARK, US
[71] SAGA HOLOGRAPHIC, INC., US
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[54] DEMARRAGE ET COMMANDE DE SYSTEMES A CYCLES COMBINES D'ACCUMULATION D'ENERGIE A SEL LIQUIDE
[72] CONLON, WILLIAM M., US
[71] PINTAIL POWER LLC, US
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[54] MODULE DE VERIFICATION D'AGE/D'IDENTIFICATION SEPARE POUR DISPOSITIF DE DISTRIBUTION D'AEROSOL
[72] DAUGHERTY, SEAN, US
[72] LUKAN, SEAN, US
[72] IRELAND, VINCENT, US
[71] RAI STRATEGIC HOLDINGS, INC., US
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[54] DOUILLE DE CONNEXION ELECTRIQUE, MODULE PHOTOELECTRIQUE, CAGE ET DISPOSITIF ELECTRONIQUE
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[72] YAN, BO, CN
[72] GE, JINXIN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] EQUIPEMENT DE GAZEIFICATION, DE POMPAGE ET DE MELANGE DE FLUIDES
[72] MARTINEZ FONSECA, JULIAN, MX
[71] MARTINEZ FONSECA, JULIAN, MX
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[54] SYSTEME DE TRAITEMENT D'UNE PLAIE
[72] WARD, BRIAN RODERICK, NZ
[72] MASON, ISAAC TRISTRAM TANE, NZ
[72] ASEFI, DORRIN, NZ
[72] ROSE, HAMISH JOSHUA, NZ
[72] GORMAN, SEAN JAMES, NZ
[72] CHITTOCK, HENRY DAVID, NZ
[71] AROA BIOSURGERY LIMITED, NZ
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[54] FLUID DRAINAGE OR DELIVERY DEVICE FOR TREATMENT SITE
[54] DISPOSITIF DE DRAINAGE OU D'ADMINISTRATION DE FLUIDE POUR SITE DE TRAITEMENT
[72] WARD, BRIAN RODERICK, NZ
[72] MASON, ISAAC TRISTRAM TANE, NZ
[72] ROSE, HAMISH JOSHUA, NZ
[72] JOWSEY, ALISTER TODD, NZ
[72] LOVELAND, MICHAEL ANDREW, NZ
[72] DOUGLAS, LIAM JOSEPH, NZ
[72] TURNER, SAMUEL BARRY, NZ
[72] GORMAN, SEAN JAMES, NZ
[72] ASEFI, DORRIN, NZ
[72] CHITTOCK, HENRY DAVID, NZ
[71] AROA BIOSURGERY LIMITED, NZ
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- [54] DISPOSITIF DE PROTECTION DE TRANSMISSION DE COMPOSE CIBLE ET FLUIDE
- [72] MILLER, JAMES M., US
- [71] MILLER, JAMES M., US
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- [54] PROCEDES ET SYSTEMES DE VISIONNEMENT DE CONTENU MULTIMEDIA MANQUE
- [72] DHIMAN, ROHIT, IN
- [72] GUPTA, ASHISH, IN
- [72] GUPTA, VAIBHAV, IN
- [71] ROVI GUIDES, INC., US
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- [54] APPAREIL DE PRODUCTION D'ENERGIE ELECTRIQUE
- [72] SUCHANEK, MARTIN, GB
- [71] VGS ENERGY LTD, GB
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- [25] EN
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- [54] METHODES DE REDUCTION SELECTIVE D'ANTICORPS
- [72] CHAPUIS, MATHILDE, DE
- [72] COURBEY, CECILIA, DE
- [72] DECHAVANNE, VINCENT, DE
- [72] FRADIN, SIMON, DE
- [72] BORROSSI, CORALIE, DE
- [72] SELEVOS, PERIKLIS, DE
- [71] FRESENIUS KABI DEUTSCHLAND GMBH, DE
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- [86] 2021-12-02 (PCT/EP2021/084073)
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- [25] EN
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- [54] PROCEDE DE REDUCTION D'ACRYLAMIDES DANS UN EXTRAIT DE CAFE ET PRODUIT DE CAFE SOLUBLE
- [72] BROWN, IAN, GB
- [72] FARR, ROBERT STANLEY, GB
- [72] IMISON, THOMAS, GB
- [71] KONINKLIJKE DOUWE EGBERTS B.V., NL
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- [87] (WO2022/122714)
- [30] GB (2019323.1) 2020-12-08

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- [54] SYSTEMES D'INSERTION DE CATHETER AVEC DILATATION DE LA PEAU PASSIVE
- [72] SPATARO, JOE, US
- [72] BLANCHARD, DANIEL B., US
- [72] THORNLEY, KYLE G., US
- [72] MCKINNON, AUSTIN J., US
- [71] BARD ACCESS SYSTEMS, INC., US
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- [86] 2021-12-03 (PCT/US2021/061857)
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- [30] US (63/121,761) 2020-12-04

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- [54] TRANSPORTEUR DE CHARGE
- [72] LAWRENCE, KYLE J., US
- [71] DOREL HOME FURNISHINGS, INC., US
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- [86] 2021-12-28 (PCT/US2021/065301)
- [87] (WO2022/146977)
- [30] US (63/131,610) 2020-12-29
- [30] US (63/227,995) 2021-07-30

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- [25] EN
- [54] PLANT AND METHOD FOR PRODUCING DECARBONIZED OXIDE OR HIDROXIDE USING CARBONATE AND ELECTRIC POWER
- [54] INSTALLATION ET PROCEDE DE PRODUCTION D'OXYDE OU D'HYDROXYDE DECARBONISE A L'AIDE DE CARBONATE ET D'ENERGIE ELECTRIQUE
- [72] CAPPELLO, GIOVANNI, IT
- [71] LIMENET S.R.L. BENEFIT, IT
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[25] EN
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[54] SYSTEME DE DETECTION DE FLUX
[72] CRISTACHE, LUCIAN, US
[71] LUCOMM TECHNOLOGIES, INC., US
[85] 2023-06-20
[86] 2021-12-23 (PCT/US2021/073096)
[87] (WO2022/140794)
[30] US (17/133,567) 2020-12-23
[30] US (17/201,458) 2021-03-15

[21] 3,202,931
[13] A1

[51] Int.Cl. A61B 34/30 (2016.01) A61B 10/02 (2006.01) A61M 37/00 (2006.01)
[25] EN
[54] AN APPARATUS CONFIGURED TO DRIVE AN OBJECT IN ONE LUMEN, VIA A DRIVER IN ANOTHER LUMEN
[54] APPAREIL CONCU POUR ENTRAINER UN OBJET DANS UNE LUMIERE, PAR L'INTERMEDIAIRE D'UN DISPOSITIF D'ENTRAINEMENT DANS UNE AUTRE LUMIERE
[72] CROS, FLORENT, US
[72] KISELYOV, ALEX, US
[72] CHO, SUEHYUN, US
[72] KARDOSH, MICHAEL, IL
[72] SHPIGELMACHER, MICHAEL, US
[72] KATZNELSON, BE'ERI BERL, IL
[71] BIONAUT LABS LTD., IL
[85] 2023-05-24
[86] 2021-11-30 (PCT/US2021/061149)
[87] (WO2022/119816)
[30] US (63/120,529) 2020-12-02

[21] 3,202,935
[13] A1

[51] Int.Cl. G01C 21/00 (2006.01) G09B 29/00 (2006.01)
[25] EN
[54] METHOD AND APPARATUS FOR INCREMENTAL MAPPING OF HAUL ROADS
[54] PROCEDE ET APPAREIL POUR UNE CARTOGRAPHIE INCREMENTIELLE DE ROUTES DE TRANSPORT
[72] SEILER, KONSTANTIN M., AU
[71] TECHNOLOGICAL RESOURCES PTY. LIMITED, AU
[85] 2023-05-24
[86] 2021-11-26 (PCT/AU2021/051418)
[87] (WO2022/109681)
[30] AU (2020904376) 2020-11-26

[21] 3,202,940
[13] A1

[51] Int.Cl. F24S 23/74 (2018.01) H02S 40/22 (2014.01)
[25] EN
[54] SOLAR ENERGY UTILISATION APPARATUS
[54] APPAREIL D'UTILISATION D'ENERGIE SOLAIRE
[72] HU, XIAOPING, CN
[71] BOLYMEDIA HOLDINGS CO. LTD., US
[85] 2023-05-24
[86] 2020-11-26 (PCT/CN2020/131862)
[87] (WO2022/109943)

[21] 3,202,941
[13] A1

[51] Int.Cl. A23F 5/26 (2006.01) A23F 5/24 (2006.01) A23F 5/28 (2006.01) A23F 5/30 (2006.01) A23F 5/34 (2006.01)
[25] EN
[54] A METHOD OF PRODUCING A COFFEE PRODUCT
[54] PROCEDE DE PRODUCTION D'UN PRODUIT A BASE DE CAFE
[72] RAHN, ANJA, NL
[71] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2023-05-24
[86] 2021-12-07 (PCT/EP2021/084544)
[87] (WO2022/122716)
[30] GB (2019324.9) 2020-12-08

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[13] A1

[51] Int.Cl. B60M 3/04 (2006.01) H01H 9/26 (2006.01) H01H 31/00 (2006.01) H01H 31/10 (2006.01) H01H 33/52 (2006.01) H01H 33/59 (2006.01) H02H 3/087 (2006.01) H01H 3/26 (2006.01) H01H 9/32 (2006.01) H01H 33/38 (2006.01)
[25] EN
[54] AN APPARATUS AND METHOD FOR USE IN A POWER DELIVERY SYSTEM
[54] APPAREIL ET PROCEDE DESTINES A ETRE UTILISES DANS UN SYSTEME DE DISTRIBUTION D'ENERGIE
[72] KANNAN, KAMALARAJ, GB
[72] GULICS, GABOR, GB
[72] JONES, LYN, GB
[72] BARNWELL, GILES, GB
[72] MCCLYMONT, DANIEL DAVID, GB
[72] ARMAS, ALEJANDRO SANTANA, GB
[72] GRUFFAZ, VALENTIN, GB
[72] DEKIC, MILICA, GB
[71] HAWKER SIDDELEY SWITCHGEAR LIMITED, GB
[85] 2023-05-24
[86] 2021-11-17 (PCT/GB2021/052977)
[87] (WO2022/112742)
[30] GB (2018623.5) 2020-11-26

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- [51] Int.Cl. A61K 31/4178 (2006.01) A61K 31/437 (2006.01) C07D 233/61 (2006.01) C07D 403/12 (2006.01)
 - [25] EN
 - [54] COMPOUNDS AND USE THEREOF FOR TREATMENT OF NEURODEGENERATIVE, DEGENERATIVE AND METABOLIC DISORDERS
 - [54] COMPOSES ET LEUR UTILISATION POUR LE TRAITEMENT DE TROUBLES NEURODEGENERATIFS, DEGENERATIFS ET METABOLIQUES
 - [72] BANNISTER, THOMAS D., US
 - [72] LASMEZAS, CORINNE, US
 - [72] ZHOU, MINGHAI, US
 - [72] ALBERTSON, ANNA, US
 - [71] THE SCRIPPS RESEARCH INSTITUTE, US
 - [71] VOVA IDA THERAPEUTICS, INC., US
 - [85] 2023-06-20
 - [86] 2021-12-17 (PCT/US2021/064189)
 - [87] (WO2022/133303)
 - [30] US (63/127,859) 2020-12-18
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- [51] Int.Cl. A61M 25/06 (2006.01) A61M 25/09 (2006.01)
- [25] EN
- [54] NEEDLE TIP BLUNTING USING A LENGTH OF A GUIDEWIRE
- [54] EMOUSSEMENT DE POINTE D'AIGUILLE A L'AIDE D'UNE LONGUEUR D'UN FIL-GUIDE
- [72] MCKINNON, AUSTIN J., US
- [72] HOWELL, GLADE H., US
- [71] BARD ACCESS SYSTEMS, INC., US
- [85] 2023-05-24
- [86] 2021-12-02 (PCT/US2021/061638)
- [87] (WO2022/120068)
- [30] US (63/120,913) 2020-12-03

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[13] A1

- [51] Int.Cl. D21H 17/63 (2006.01) D21H 21/36 (2006.01) D21H 27/00 (2006.01) D21H 27/30 (2006.01)
 - [25] EN
 - [54] ANTI-MICROBIAL AND ANTI-VIRAL PAPER PRODUCTS INCLUDING SILVER IONS
 - [54] PRODUITS DE PAPIER ANTIMICROBIENS ET ANTIVIRAUX COMPRENANT DES IONS ARGENT
 - [72] BERTHIAUME, RUSSELL A., US
 - [72] HUNTER, MARK S., US
 - [72] LAPLUME, DANA S., US
 - [72] NELSON, WILLIAM C., US
 - [71] HOFFMASTER GROUP, INC., US
 - [71] BERTHIAUME, RUSSELL A., US
 - [71] HUNTER, MARK S., US
 - [71] LAPLUME, DANA S., US
 - [71] NELSON, WILLIAM C., US
 - [85] 2023-05-24
 - [86] 2021-11-24 (PCT/US2021/072588)
 - [87] (WO2022/115856)
 - [30] US (63/117,903) 2020-11-24
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[13] A1

- [51] Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01)
- [25] EN
- [54] METHODS OF USE OF ANTI-SORTILIN ANTIBODIES
- [54] METHODES D'UTILISATION D'ANTICORPS ANTI-SORTILINE
- [72] ROSENTHAL, ARNON, US
- [72] YEH, FELIX LEEJIA, US
- [72] WARD, MICHAEL F., US
- [72] PAUL, ROBERT, US
- [72] LONG, HUA, US
- [72] LIAO, YIJIE, US
- [71] ALECTOR LLC, US
- [85] 2023-05-24
- [86] 2021-12-01 (PCT/US2021/072682)
- [87] (WO2022/120352)
- [30] US (63/120,670) 2020-12-02
- [30] US (63/271,658) 2021-10-25

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[13] A1

- [51] Int.Cl. G16H 40/63 (2018.01) G16H 50/20 (2018.01) G16H 50/70 (2018.01)
 - [25] EN
 - [54] SYSTEMS FOR DETERMINING SIMILARITY OF SEQUENCES OF GLUCOSE VALUES
 - [54] SYSTEMES DE DETERMINATION DE LA SIMILARITE DE SEQUENCES DE VALEURS DE GLUCOSE
 - [72] PARKER, ANDREW, US
 - [72] DERDZINSKI, MARK, US
 - [72] JEPSON, LAUREN, US
 - [72] HEINTZMAN, NATHANIEL, US
 - [72] LEACH, JACOB, US
 - [71] DEXCOM, INC., US
 - [85] 2023-05-24
 - [86] 2022-05-17 (PCT/US2022/029648)
 - [87] (WO2022/245836)
 - [30] US (63/189,469) 2021-05-17
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[13] A1

- [51] Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) C07K 14/495 (2006.01) C12N 15/13 (2006.01) C12N 15/63 (2006.01)
- [25] EN
- [54] NOVEL CONJUGATE MOLECULES TARGETING CD39 AND TGF β
- [54] NOUVELLES MOLECULES CONJUGUEES CIBLANT CD39 ET TGF β
- [72] SUN, DAWEI, CN
- [72] WU, ZHIHAO, CN
- [72] SUN, JUN, CN
- [72] GENG, YANAN, CN
- [72] GAO, RUI, CN
- [72] TANG, LILI, CN
- [72] DU, QINGLIN, CN
- [72] QIU, YANGSHENG, CN
- [72] ARCH, ROBERT H., CN
- [72] LU, HONGTAO, CN
- [71] ELPISCIENCE (SUZHOU) BIOPHARMA, LTD., CN
- [71] ELPISCIENCE BIOPHARMA, LTD., CN
- [85] 2023-05-24
- [86] 2021-11-25 (PCT/CN2021/133083)
- [87] (WO2022/111576)
- [30] CN (PCT/CN2020/132392) 2020-11-27
- [30] CN (202111396829.4) 2021-11-23

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<p style="text-align: right;">[21] 3,202,989 [13] A1</p> <p>[51] Int.Cl. F02C 6/16 (2006.01) F02C 9/16 (2006.01) [25] EN [54] BYPASS AUXILIARY SYSTEM FOR CLOSED BRAYTON CYCLE HEAT ENGINE SYSTEM, HEAT ENGINE DEVICE, AND REGULATION METHOD THEREFOR [54] SYSTEME AUXILIAIRE DE DERIVATION POUR SYSTEME DE MOTEUR THERMIQUE A CYCLE DE BRAYTON FERME, DISPOSITIF A MOTEUR THERMIQUE ET SON PROCEDE DE REGULATION [72] LI, YAFEI, CN [72] XING, JI, CN [72] DU, SHUHONG, CN [72] DING, LIANG, CN [72] YU, PEI, CN [72] YAO, HONGSHUAI, CN [72] WANG, XI, CN [72] LI, JIE, CN [72] MA, HUIYUN, CN [72] HUANG, CHEN, CN [72] LIU, YAGUANG, CN [71] CHINA NUCLEAR POWER ENGINEERING CO., LTD., CN [85] 2023-05-24 [86] 2021-11-25 (PCT/CN2021/133088) [87] (WO2022/111577) [30] CN (202011346692.7) 2020-11-26</p> <hr/> <p style="text-align: right;">[21] 3,202,990 [13] A1</p> <p>[51] Int.Cl. C07D 239/48 (2006.01) A61K 31/505 (2006.01) A61P 35/00 (2006.01) [25] EN [54] AMINOHETEROARYL KINASE INHIBITORS [54] INHIBITEURS DE KINASES DE TYPE AMINOHETEROARYLE [72] CHENG, DAI, CN [72] DING, QIANG, CN [72] HE, ZHIXIANG, CN [72] ZHOU, XIAOBO, CN [72] ZHOU, YANG, CN [72] YIN, XIAOHANG, CN [72] XIE, ZEJIANG, CN [71] ANRUI BIOMEDICAL TECHNOLOGY (GUANGZHOU) CO., LTD., CN [85] 2023-05-24 [86] 2021-11-26 (PCT/CN2021/133429) [87] (WO2022/111621) [30] CN (PCT/CN2020/132454) 2020-11-27 [30] CN (PCT/CN2021/081236) 2021-03-17</p>	<p style="text-align: right;">[21] 3,202,992 [13] A1</p> <p>[51] Int.Cl. G01B 5/14 (2006.01) F16L 55/28 (2006.01) G01M 5/00 (2006.01) G01B 5/30 (2006.01) [25] FR [54] DEVICE FOR MEASURING MECHANICAL PLAY IN A HYDRAULIC SYSTEM [54] DISPOSITIF DE MESURE DE JEU MECANIQUE DANS UNE INSTALLATION HYDRAULIQUE [72] LHUILLIER, VINCENT, FR [72] JAIN, PASCAL, FR [72] DESPREZ, LUCIEN, FR [71] ELECTRICITE DE FRANCE, FR [85] 2023-05-24 [86] 2021-12-14 (PCT/EP2021/085572) [87] (WO2022/128969) [30] FR (20 13561) 2020-12-17</p> <hr/> <p style="text-align: right;">[21] 3,202,993 [13] A1</p> <p>[51] Int.Cl. C07D 401/06 (2006.01) A61K 31/454 (2006.01) A61P 25/00 (2006.01) [25] EN [54] A SUBSTITUTED TETRAHYDROISOQUINOLINE DERIVATIVE AS A D1 POSITIVE ALLOSTERIC MODULATOR [54] DERIVE DE TETRAHYDROISOQUINOLEINE SUBSTITUE UTILISE EN TANT QUE MODULATEUR ALLOSTERIQUE D1-POSITIF [72] DELATOUR, CLAUDE, BE [71] UCB BIOPHARMA SRL, BE [85] 2023-05-24 [86] 2021-12-16 (PCT/EP2021/086066) [87] (WO2022/129268) [30] EP (20215255.9) 2020-12-18</p>	<p style="text-align: right;">[21] 3,202,994 [13] A1</p> <p>[51] Int.Cl. A61B 3/10 (2006.01) G01B 9/02055 (2022.01) G01B 9/02091 (2022.01) [25] EN [54] IMAGING SYSTEM COMPRISING A SCANNER AND A MODULATOR AND CORRESPONDING METHOD WITH IMPROVED ACCURACY [54] SISTÈME D'IMAGERIE COMPRENANT UN SCANNER ET UN MODULATEUR ET PROCÉDÉ CORRESPONDANT PRÉSENTANT UNE PRÉCISION AMÉLIORÉE [72] AL-QAISI, MUHAMMAD, US [71] ALIPH MEDICAL LLC, US [85] 2023-05-24 [86] 2021-11-01 (PCT/IB2021/060105) [87] (WO2022/112882) [30] US (63/118,752) 2020-11-27 [30] US (63/133,800) 2021-01-05</p> <hr/> <p style="text-align: right;">[21] 3,202,996 [13] A1</p> <p>[51] Int.Cl. A47J 31/42 (2006.01) G07F 13/00 (2006.01) [25] EN [54] COFFEE BEAN GRINDING MACHINE [54] DISPOSITIF DE MOUTURE DE GRAINS DE CAFÉ [72] SAITO, MASATO, JP [72] TASHIRO, TOMOHIRO, JP [71] DAITO GIKEN, INC., JP [85] 2023-05-24 [86] 2021-11-08 (PCT/JP2021/040973) [87] (WO2022/118608) [30] JP (2020-201271) 2020-12-03</p> <hr/> <p style="text-align: right;">[21] 3,202,998 [13] A1</p> <p>[51] Int.Cl. A01N 43/54 (2006.01) A01N 25/08 (2006.01) A01P 13/00 (2006.01) [25] EN [54] SOLID PESTICIDAL FORMULATION [54] PRÉPARATION AGROCHIMIQUE SOUS FORME SOLIDE [72] OKA, ATSUSHI, JP [72] RUSU, AI, JP [71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP [85] 2023-05-24 [86] 2021-11-30 (PCT/JP2021/043747) [87] (WO2022/118813) [30] JP (2020-199849) 2020-12-01</p>
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- [51] Int.Cl. A01N 43/54 (2006.01) A01N 25/14 (2006.01) A01P 13/00 (2006.01)
 - [25] EN
 - [54] SOLID PESTICIDAL FORMULATION
 - [54] PREPARATION AGROCHIMIQUE SOUS FORME SOLIDE
 - [72] OKA, ATSUSHI, JP
 - [72] RUSU, AI, JP
 - [71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
 - [85] 2023-05-24
 - [86] 2021-11-30 (PCT/JP2021/043749)
 - [87] (WO2022/118815)
 - [30] JP (2020-199851) 2020-12-01
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[21] 3,203,000
[13] A1

- [51] Int.Cl. C12Q 1/6869 (2018.01) C12Q 1/6837 (2018.01) C12Q 1/6855 (2018.01) C12Q 1/6874 (2018.01) C12Q 1/6883 (2018.01)
 - [25] EN
 - [54] IMPROVED MEASUREMENT OF NUCLEIC ACIDS
 - [54] MESURE AMELIOREE D'ACIDES NUCLEIQUES
 - [72] PATEL, ABHIJIT AJIT, US
 - [71] PATEL, ABHIJIT AJIT, US
 - [85] 2023-05-25
 - [86] 2021-11-16 (PCT/US2021/059576)
 - [87] (WO2022/115279)
 - [30] US (17/105,188) 2020-11-25
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[21] 3,203,004
[13] A1

- [51] Int.Cl. C12Q 1/70 (2006.01) G01N 33/569 (2006.01)
 - [25] EN
 - [54] METHODS AND SYSTEMS FOR THE DETECTION OF MICROORGANISMS USING INFECTIOUS AGENTS
 - [54] PROCEDES ET SYSTEMES POUR LA DETECTION DE MICRO-ORGANISMES A L'AIDE D'AGENTS INFECTIEUX
 - [72] ERICKSON, STEPHEN E., US
 - [72] GIL, JOSE S., US
 - [72] BROWN, MATTHEW J., US
 - [71] LABORATORY CORPORATION OF AMERICA HOLDINGS, US
 - [85] 2023-05-25
 - [86] 2021-11-23 (PCT/US2021/060609)
 - [87] (WO2022/115473)
 - [30] US (63/118,052) 2020-11-25
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[21] 3,203,006
[13] A1

- [51] Int.Cl. A61K 47/42 (2017.01) A61K 47/62 (2017.01) A61K 48/00 (2006.01) A61P 25/28 (2006.01) C12N 15/63 (2006.01) C12N 15/79 (2006.01) C12N 15/86 (2006.01)
 - [25] EN
 - [54] GENE THERAPIES FOR NEURODEGENERATIVE DISEASE
 - [54] THERAPIES GENIQUES POUR MALADIE NEURODEGENERATIVE
 - [72] ABELIOVICH, ASA, US
 - [72] KAMALAKARAN, SITHARTHAN, US
 - [72] SHYKIND, BENJAMIN, US
 - [72] SCHWARTZ, EDMUND C., US
 - [72] SEN, ANINDYA KUMAR, US
 - [71] PREVAIL THERAPEUTICS, INC., US
 - [85] 2023-05-25
 - [86] 2021-11-24 (PCT/US2021/060731)
 - [87] (WO2022/115353)
 - [30] US (63/118,060) 2020-11-25
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[21] 3,203,007
[13] A1

- [25] EN
 - [54] CLASSIFICATION CODE PARSER
 - [54] ANALYSEUR DE CODE DE CLASSIFICATION
 - [72] BERNS, BRIAN, US
 - [72] JUNKER, KIRK, US
 - [71] INTELIQUET, INC., US
 - [85] 2023-05-25
 - [86] 2021-11-24 (PCT/US2021/060764)
 - [87] (WO2022/115564)
 - [30] US (17/105,388) 2020-11-25
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[21] 3,203,008
[13] A1

- [51] Int.Cl. B23K 9/095 (2006.01) B23K 9/10 (2006.01) B23K 9/173 (2006.01)
- [25] EN
- [54] METHODS AND APPARATUS TO SYNERGICALLY CONTROL A WELDING-TYPE OUTPUT DURING A WELDING-TYPE OPERATION
- [54] PROCEDES ET APPAREIL POUR COMMANDER DE MANIERE SYNERGIQUE UNE SORTIE DE TYPE SOUDAGE PENDANT UNE OPERATION DE TYPE SOUDAGE
- [72] KNOENER, CRAIG STEVEN, US
- [72] TYLER, CHARLES ACE, US
- [71] ILLINOIS TOOL WORKS INC., US
- [85] 2023-05-25
- [86] 2021-11-24 (PCT/US2021/060797)
- [87] (WO2022/115585)
- [30] US (63/119,270) 2020-11-30
- [30] US (17/524,362) 2021-11-11

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[21] 3,203,010
[13] A1

[51] Int.Cl. A61K 31/4155 (2006.01) A61K 31/427 (2006.01) A61K 31/444 (2006.01) A61K 31/497 (2006.01) A61K 31/501 (2006.01) A61K 31/506 (2006.01) A61P 25/00 (2006.01) A61P 25/08 (2006.01) A61P 25/16 (2006.01) A61P 25/18 (2006.01) A61P 25/24 (2006.01) C07D 401/14 (2006.01) C07D 405/14 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01)

[25] EN

[54] 4-FLUORO-(4-(4-BENZYL)PIPERIDIN-1-YL)(2-(PYRIMIDIN-4-YL)PYRIDIN-3-YL)METHANONE DERIVATIVES AND SIMILAR COMPOUNDS AS CYP46A1 INHIBITORS FOR THE TREATMENT OF NEURODEGENERATIVE DISORDERS

[54] DERIVES DE 4-FLUORO-(4-(4-BENZYL)PIPERIDIN-1-YL)(2-(PYRIMIDIN-4-YL)PYRIDIN-3-YL)METHANONE ET COMPOSES SIMILAIRES UTILISES EN TANT QU'INHIBITEURS DE CYP46A1 POUR LE TRAITEMENT D'AFFECTIONS NEURODEGENERATIVES

[72] MISCHKE, STEVEN, US
[72] HOPPER, ALLEN TAYLOR, US
[72] LA, DANIEL, US
[72] BLANCO-PILLADO, MARIA-JESUS, US
[71] SAGE THERAPEUTICS, INC., US
[85] 2023-05-25
[86] 2021-11-24 (PCT/US2021/060844)
[87] (WO2022/115620)
[30] US (63/118,291) 2020-11-25

[21] 3,203,014
[13] A1

[51] Int.Cl. C07D 417/14 (2006.01) A61K 31/455 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 213/82 (2006.01) C07D 401/12 (2006.01)

[25] EN

[54] HYDROXAMATE COMPOUND, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF

[54] COMPOSE HYDROXAMATE, SON PROCEDE DE PREPARATION ET SON APPLICATION

[72] WANG, WEI, CN
[72] ZHOU, YOU, CN
[72] SHAN, SONG, CN
[72] PAN, DESI, CN
[72] LI, ZHIBIN, CN
[72] LU, XIANPING, CN

[71] SHENZHEN CHIPSCREEN BIOSCIENCES CO., LTD., CN

[85] 2023-05-24
[86] 2021-12-02 (PCT/CN2021/134929)
[87] (WO2022/117016)
[30] CN (202011389148.0) 2020-12-02
[30] CN (202110758372.0) 2021-07-05

[21] 3,203,017
[13] A1

[51] Int.Cl. C21C 5/34 (2006.01) C21C 5/46 (2006.01) C21C 5/52 (2006.01) C21C 7/072 (2006.01) F27B 3/22 (2006.01) F27D 3/16 (2006.01)

[25] EN

[54] METHOD FOR TREATING MOLTEN METALS AND/OR SLAGS IN METALLURGICAL BATHS AND METALLURGICAL PLANT FOR TREATING MOLTEN METALS

[54] PROCEDE DE TRAITEMENT DE METAUX FONDUS ET/OU DE LAITIER DANS DES BAISSES METALLURGIQUES ET INSTALLATION METALLURGIQUE DE TRAITEMENT DE METAUX FONDUS

[72] OIDENTHAL, HANS-JURGEN, DE
[72] KEMMINGER, ANDREAS, DE
[72] GEIMER, STEPHAN, DE
[71] SMS GROUP GMBH, DE
[85] 2023-05-25
[86] 2021-09-07 (PCT/EP2021/074560)
[87] (WO2022/111873)
[30] DE (10 2020 215 076.1) 2020-11-30

[21] 3,203,015
[13] A1

[51] Int.Cl. A61K 9/00 (2006.01) A61K 9/10 (2006.01) A61K 31/519 (2006.01) A61P 25/18 (2006.01) A61P 25/24 (2006.01)

[25] EN

[54] DOSING REGIMENS ASSOCIATED WITH EXTENDED RELEASE PALIPERIDONE INJECTABLE FORMULATIONS

[54] SCHEMAS POSOLOGIQUES ASSOCIES A DES FORMULATIONS INJECTABLES DE PALIPERIDONE A LIBERATION PROLONGEE

[72] MILZ, RUTH, DE
[72] WIEGAND, FRANK, US
[72] SANGA, PANNA, US
[72] LOUIE, JOHN, US
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2023-05-25
[86] 2021-05-07 (PCT/EP2021/062198)
[87] (WO2022/111860)
[30] US (63/119,363) 2020-11-30

[21] 3,203,020
[13] A1

[51] Int.Cl. C07D 209/16 (2006.01) A61K 31/4045 (2006.01) A61P 25/18 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01) A61P 25/30 (2006.01)

[25] EN

[54] DEUTERATED COMPOUNDS

[54] COMPOSES DE N,N-DIMETHYLTRYPTAMINE DEUTERES OU PARTIELLEMENT DEUTERES

[72] RANDS, PETER, GB
[72] JAMES, ELLEN, GB
[72] BENWAY, TIFFANIE, GB
[72] JOEL, ZELAH, GB
[72] LAYZELL, MARIE, GB
[71] SMALL PHARMA LTD, GB
[85] 2023-05-25
[86] 2021-11-18 (PCT/EP2021/082227)
[87] (WO2022/117359)
[30] GB (2018955.1) 2020-12-01
[30] US (17/108,938) 2020-12-01
[30] GB (2103981.3) 2021-03-22
[30] US (17/208,583) 2021-03-22
[30] EP (PCT/EP2021/060750) 2021-04-23
[30] CA (3118556) 2021-05-13
[30] EP (PCT/EP2021/062794) 2021-05-13
[30] GB (2106881.2) 2021-05-13
[30] US (17/320,155) 2021-05-13

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[21] 3,203,022
[13] A1

[51] Int.Cl. F03B 3/00 (2006.01) F03B 11/00 (2006.01) H04N 7/18 (2006.01)

[25] EN

[54] METHOD AND DEVICE FOR INSPECTING A HYDRO TURBINE RUNNER

[54] PROCEDE ET DISPOSITIF D'INSPECTION DE ROUE MOBILE DE TURBINE HYDRAULIQUE

[72] THEURER, CHARLES BURTON, US

[72] FORMAN, DOUGLAS R., US

[72] TAN, YEW TECK, US

[72] HOLOVASHCHENKO, VIKTOR, US

[72] TELLER, OLIVIER, FR

[72] DIXON, WALTER V., US

[72] AUGER-HABEL, DAVID, CA

[71] GE RENEWABLE TECHNOLOGIES, FR

[85] 2023-05-25

[86] 2021-11-29 (PCT/EP2021/083419)

[87] (WO2022/112572)

[30] EP (20306468.8) 2020-11-30

[21] 3,203,024
[13] A1

[51] Int.Cl. C07D 213/79 (2006.01) A61P 9/04 (2006.01) A61P 13/12 (2006.01) C07C 13/40 (2006.01) C07C 235/62 (2006.01) C07D 231/12 (2006.01) C07D 231/14 (2006.01) C07D 237/20 (2006.01) C07D 239/42 (2006.01) C07D 241/12 (2006.01) C07D 263/40 (2006.01) C07D 275/02 (2006.01) C07D 307/24 (2006.01) C07D 333/38 (2006.01) C07D 487/04 (2006.01) C07D 493/08 (2006.01) A61K 31/166 (2006.01) A61K 31/192 (2006.01) A61K 31/341 (2006.01) A61K 31/343 (2006.01) A61K 31/381 (2006.01) A61K 31/415 (2006.01) A61K 31/421 (2006.01) A61K 31/44 (2006.01) A61K 31/4965 (2006.01) A61K 31/50 (2006.01) A61K 31/505 (2006.01) A61K 31/519 (2006.01)

[25] EN

[54] 4-(2-FLUORO-4-METHOXY-5-3-(((1-METHYLCYCLOBUTYL)METHYL)CARBAMOYL)BICYCLO[2.2.1]HEPTAN-2-YL)CARBAMOYL)PHENOXY)-1-METHYLCYCLOHEXANE-1-CARBOXYLIC ACID DERIVATIVES AND SIMILAR COMPOUNDS AS RXFP1 MODULATORS FOR THE TREATMENT OF HEART FAILURE

[54] DERIVES D'ACIDE 4-(2-FLUORO-

4-METHOXY-5-3-(((1-METHYLCYCLOBUTYLE)METHYL)CARBAMOYL)BICYCLO[2.2.1]HEPTAN-2-YL)CARBAMOYL)PHENOXY)-1-METHYLCYCLOHEXANE-1-CARBOXYLIQUE ET COMPOSES SIMILAIRES COMME MODULATEURS DE RXFP1 POUR LE TRAITEMENT DE L'INSUFFISANCE CARDIAQUE

[72] GRANBERG, KENNETH LARS, SE

[72] BERGONZINI, GIULIA, SE

[72] BERGSTROM, HANS FREDRIK, SE

[72] BOSTROM, STIG JONAS, SE

[72] GRADEN, HENRIK, SE

[72] ULANDER, LARS JOHAN ANDREAS, SE

[72] SAKAMAKI, SHIGEKI, JP

[72] FUCHIGAMI, RYUICHI, JP

[72] NIWA, YASUKI, JP

[72] FUJIO, MASAKAZU, JP

[71] ASTRAZENECA AB, SE

[71] MITSUBISHI TANABE PHARMA CORPORATION, JP

[85] 2023-05-25

[86] 2021-12-07 (PCT/EP2021/084673)

[87] (WO2022/122773)

[30] US (63/122,690) 2020-12-08

[21] 3,203,031
[13] A1

[51] Int.Cl. G06Q 50/16 (2012.01) G06Q 30/02 (2023.01) G06N 20/00 (2019.01) G06F 17/18 (2006.01)

[25] EN

[54] CONFIDENT PROCESSING OF VALUATIONS FROM DISTRIBUTED MODELS SYSTEMS AND METHODS

[54] SYSTEMES ET PROCEDES DE TRAITEMENT CONFIANT D'EVALUATIONS A PARTIR DE MODELES DISTRIBUES

[72] HE, BIN, US

[72] MCKAY, TAYLOR, US

[72] ZHANG, MO, US

[72] VONGSATHORN, XAN, US

[72] MARTIN, ANDREW, US

[71] MFTB HOLDCO, INC., US

[85] 2023-05-25

[86] 2021-11-29 (PCT/US2021/061011)

[87] (WO2022/119775)

[30] US (63/120,064) 2020-12-01

[21] 3,203,033
[13] A1

[51] Int.Cl. B01D 1/06 (2006.01) B01D 63/02 (2006.01) B01D 63/06 (2006.01) B01D 65/02 (2006.01) F24F 13/30 (2006.01) F28D 1/04 (2006.01) F28D 5/02 (2006.01)

[25] EN

[54] TUBULAR MEMBRANE HEAT EXCHANGER

[54] ECHANGEUR DE CHALEUR A MEMBRANES TUBULAIRES

[72] ROUSSELET, YOHANN LILIAN, US

[72] EGOLF, KEVIN ELLSWORTH, US

[72] LITWACK, ELLIE M., US

[71] BALTIMORE AIRCOIL COMPANY, INC., US

[85] 2023-05-25

[86] 2021-12-03 (PCT/US2021/061760)

[87] (WO2022/120141)

[30] US (63/121,063) 2020-12-03

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<p style="text-align: right;">[21] 3,203,075 [13] A1</p> <p>[51] Int.Cl. B32B 7/025 (2019.01) B82Y 30/00 (2011.01) H02S 10/30 (2014.01) C09D 7/61 (2018.01) B32B 15/04 (2006.01) B32B 27/08 (2006.01) C08K 3/04 (2006.01) C08K 3/34 (2006.01) C09D 1/00 (2006.01) C09D 5/32 (2006.01) C09D 5/38 (2006.01) G21H 1/00 (2006.01) G21H 7/00 (2006.01) H01L 31/028 (2006.01) H01L 31/08 (2006.01)</p> <p>[25] EN</p> <p>[54] FILM WITH A COATING</p> <p>[54] FILM DOTE D'UN REVETEMENT</p> <p>[72] SCHUBART, HOLGER THORSTEN, DE</p> <p>[71] NEUTRINO DEUTSCHLAND GMBH, DE</p> <p>[85] 2023-06-21</p> <p>[86] 2020-12-10 (PCT/DE2020/000343)</p> <p>[87] (WO2021/129901)</p> <p>[30] DE (DE 10 2019 008 982.0) 2019-12-23</p>	<p style="text-align: right;">[21] 3,203,099 [13] A1</p> <p>[51] Int.Cl. H01R 13/635 (2006.01)</p> <p>[25] EN</p> <p>[54] A POWER PLUG DISCONNECTION DEVICE AND ASSEMBLY</p> <p>[54] DISPOSITIF ET ENSEMBLE DE DECONNEXION DE FICHE D'ALIMENTATION</p> <p>[72] RAMBERG, STEFAN, SE</p> <p>[71] RELEZ AB, SE</p> <p>[85] 2023-06-21</p> <p>[86] 2022-02-02 (PCT/SE2022/050115)</p> <p>[87] (WO2022/169396)</p> <p>[30] SE (2130035-5) 2021-02-04</p> <p>[30] SE (2130133-8) 2021-05-18</p>	<p style="text-align: right;">[21] 3,203,103 [13] A1</p> <p>[51] Int.Cl. C07C 403/24 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS FOR PRODUCING BIOCHEMICALS USING ENZYME GENES DERIVED FROM A STRAIN OF BREVUNDIMONAS, AND COMPOSITIONS MADE THEREBY</p> <p>[54] PROCEDES DE PRODUCTION DE PRODUITS BIOCHIMIQUES A L'AIDE DE GENES ENZYMATIQUES DERIVES D'UNE SOUCHE DE BREVUNDIMONAS, ET COMPOSITIONS AINSI OBTENUES</p> <p>[72] SONG, CHIA-HAN, US</p> <p>[72] COLEMAN, WILLIAM J., US</p> <p>[72] SEFTON, BRIAN, US</p> <p>[71] OAKBIO, INC., US</p> <p>[85] 2023-06-21</p> <p>[86] 2021-12-22 (PCT/US2021/064762)</p> <p>[87] (WO2022/140493)</p> <p>[30] US (63/130,569) 2020-12-24</p> <p>[30] JP (2021-033930) 2021-03-03</p> <p>[30] US (17/395,421) 2021-08-05</p>
<p style="text-align: right;">[21] 3,203,098 [13] A1</p> <p>[51] Int.Cl. A61K 33/24 (2019.01) A61P 25/04 (2006.01) A61P 25/06 (2006.01) A61P 29/00 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR TREATING PAIN USING VANADIUM COMPOUNDS</p> <p>[54] PROCEDE DE TRAITEMENT DE LA DOULEUR A L'AIDE D'UN COMPOSE DE VANADIUM</p> <p>[72] XIE, FANG, CN</p> <p>[71] SHENZHEN FANGSHENGTAI MEDICAL TECHNOLOGY CO., LTD., CN</p> <p>[85] 2023-06-21</p> <p>[86] 2021-12-20 (PCT/CN2021/139621)</p> <p>[87] (WO2022/135333)</p> <p>[30] CN (202011514811.5) 2020-12-21</p>	<p style="text-align: right;">[21] 3,203,101 [13] A1</p> <p>[51] Int.Cl. A61K 38/00 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) G01N 33/574 (2006.01)</p> <p>[25] EN</p> <p>[54] ACTINOHIVIN VARIANT POLYPEPTIDES AND RELATED METHODS</p> <p>[54] POLYPEPTIDES VARIANTS D'ACTINOHIVINE ET PROCEDES ASSOCIES</p> <p>[72] MATOBA, NOBUYUKI, US</p> <p>[71] UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC., US</p> <p>[85] 2023-06-21</p> <p>[86] 2022-01-19 (PCT/US2022/012853)</p> <p>[87] (WO2022/159413)</p> <p>[30] US (63/139,115) 2021-01-19</p>	<p style="text-align: right;">[21] 3,203,104 [13] A1</p> <p>[51] Int.Cl. B65D 41/00 (2006.01) C08L 23/06 (2006.01)</p> <p>[25] EN</p> <p>[54] POLYMER COMPOSITION FOR CAPS AND CLOSURES</p> <p>[54] COMPOSITIONS POLYMERES POUR BOUCHONS ET FERMETURES</p> <p>[72] GODON, PASCALE, BE</p> <p>[72] DHEUR, LUC MARIE GHISLAIN, BE</p> <p>[71] INEOS EUROPE AG, CH</p> <p>[85] 2023-06-21</p> <p>[86] 2021-12-16 (PCT/EP2021/086246)</p> <p>[87] (WO2022/136121)</p> <p>[30] EP (20216471.1) 2020-12-22</p>
<p style="text-align: right;">[21] 3,203,102 [13] A1</p> <p>[51] Int.Cl. G06N 3/12 (2023.01) G06N 20/00 (2019.01)</p> <p>[25] EN</p> <p>[54] AUTOMATED FEATURE EXTRACTION USING GENETIC PROGRAMMING</p> <p>[54] EXTRACTION DE CARACTERISTIQUES AUTOMATISEE A L'AIDE D'UNE PROGRAMMATION GENETIQUE</p> <p>[72] LANDAETA, DAVID JAMES, US</p> <p>[71] NATURAL COMPUTATION LLC, US</p> <p>[85] 2023-06-21</p> <p>[86] 2021-12-30 (PCT/US2021/065599)</p> <p>[87] (WO2022/147190)</p> <p>[30] US (17/137,934) 2020-12-30</p>		

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<p>[21] 3,203,106 [13] A1</p> <p>[51] Int.Cl. G01N 33/543 (2006.01) G01N 33/68 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR BIOMOLECULE QUANTITATION</p> <p>[54] SYSTEMES ET PROCEDES DE QUANTIFICATION DE BIOMOLECULES</p> <p>[72] MALLICK, PARAG, US</p> <p>[72] EGERTSON, JARRETT D., US</p> <p>[72] KAPP, GREGORY, US</p> <p>[71] NAUTILUS SUBSIDIARY, INC., US</p> <p>[85] 2023-06-21</p> <p>[86] 2022-01-19 (PCT/US2022/013017)</p> <p>[87] (WO2022/159520)</p> <p>[30] US (63/139,739) 2021-01-20</p> <p>[30] US (63/193,486) 2021-05-26</p>
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<p>[21] 3,203,133 [13] A1</p> <p>[51] Int.Cl. B65G 7/02 (2006.01) B62B 3/06 (2006.01) B65G 63/02 (2006.01)</p> <p>[25] EN</p> <p>[54] LOAD CARRYING SYSTEM AND METHOD</p> <p>[54] SYSTEME ET PROCEDE DE TRANSPORT DE CHARGE</p> <p>[72] RAYMOND, CHARLES-ERIC, CA</p> <p>[72] CHARBONNEAU, ALEXANDRE, CA</p> <p>[72] LABELLE, MATHIEU, CA</p> <p>[72] BOUTHILLETTE, FRANCIS, CA</p> <p>[72] DIAZ, BRAYAN, CA</p> <p>[72] FORTIER, TOMMY, CA</p> <p>[72] PETITCLERC, DAVID, CA</p> <p>[72] TREMBLAY, LAURIER, CA</p> <p>[72] BEAULIEU, PASCAL, CA</p> <p>[72] COUPAL, ANNE-MARIE, CA</p> <p>[72] SOUCY, HUGO, CA</p> <p>[72] MASSICOTTE-MORISSETTE, LOUIS, CA</p> <p>[72] TETRAULT, MARC-ANDRE, CA</p> <p>[72] ROY, FRANCIS, CA</p> <p>[72] JULIEN, OLIVIER, CA</p> <p>[72] SERRANO-PARENT, BENOIT, CA</p> <p>[71] 9428-3421 QUEBEC INC. DBA FOXFROT INDUSTRIEL, CA</p> <p>[85] 2023-05-25</p> <p>[86] 2021-11-26 (PCT/CA2021/051695)</p> <p>[87] (WO2022/109745)</p> <p>[30] US (63/118,703) 2020-11-26</p>
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<p>[21] 3,203,134 [13] A1</p> <p>[51] Int.Cl. E21B 33/068 (2006.01) E21B 33/03 (2006.01) E21B 47/09 (2012.01)</p> <p>[25] EN</p> <p>[54] WELLHEAD SYSTEM, ASSEMBLY AND METHOD FOR MONITORING LANDING OF A WELLHEAD COMPONENT</p> <p>[54] SYSTEME, ENSEMBLE ET PROCEDE DE TETE DE PUITS POUR SURVEILLER L'ACCUEIL D'UN COMPOSANT DE TETE DE PUITS</p> <p>[72] FARQUHARSON, KEITH DAVID, CA</p> <p>[72] ELGERT, KEVIN ANDREW, CA</p> <p>[72] GUO, TIANLE, CA</p> <p>[72] GHARIB, HOSSAM, CA</p> <p>[72] GORDON, CHARLES LORIN, US</p> <p>[71] STREAM-FLO INDUSTRIES LTD., CA</p> <p>[85] 2023-05-25</p> <p>[86] 2021-12-21 (PCT/CA2021/051859)</p> <p>[87] (WO2022/133596)</p> <p>[30] US (63/129,272) 2020-12-22</p>
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<p>[21] 3,203,135 [13] A1</p> <p>[51] Int.Cl. C12N 7/01 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01) C12N 15/869 (2006.01)</p> <p>[25] EN</p> <p>[54] ONCOLYTIC HERPES SIMPLEX TYPE 1 VIRUSES FOR TREATMENT OF BRAIN TUMORS</p> <p>[54] VIRUS DE L'HERPES SIMPLEX DE TYPE 1 ONCOLYTIQUES POUR LE TRAITEMENT DE TUMEURS CEREBRALES</p> <p>[72] CHEN, XIAOQING, CN</p> <p>[72] LIU, YUANYUAN, CN</p> <p>[72] ZHOU, GRACE GUOYING, CN</p> <p>[71] IMMVIRA CO., LIMITED, CN</p> <p>[85] 2023-05-25</p> <p>[86] 2021-12-03 (PCT/CN2021/135336)</p> <p>[87] (WO2022/117073)</p> <p>[30] CN (PCT/CN2020/133943) 2020-12-04</p>

<p>[21] 3,203,136 [13] A1</p> <p>[51] Int.Cl. C10L 10/04 (2006.01) C10G 29/20 (2006.01) C10L 1/04 (2006.01)</p> <p>[25] EN</p> <p>[54] USE OF A PARAFFINIC GASOIL</p> <p>[54] UTILISATION D'UN GAZOLE PARAFFINIQUE</p> <p>[72] MCFARLANE, ELAINE, GB</p> <p>[72] WARDLE, ROBERT WILFRED MATTHEWS, GB</p> <p>[72] SCHABLA, UWE, DE</p> <p>[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL</p> <p>[85] 2023-05-25</p> <p>[86] 2021-12-09 (PCT/EP2021/084935)</p> <p>[87] (WO2022/122887)</p> <p>[30] EP (20213532.3) 2020-12-11</p>

<p>[21] 3,203,137 [13] A1</p> <p>[51] Int.Cl. C10L 1/22 (2006.01) C10L 1/198 (2006.01) C10L 1/238 (2006.01) C10L 10/04 (2006.01) C10L 10/18 (2006.01) C10L 1/222 (2006.01) C10L 1/2383 (2006.01)</p> <p>[25] EN</p> <p>[54] USE OF A DETERGENT ADDITIVE</p> <p>[54] UTILISATION D'UN ADDITIF DETERGENT</p> <p>[72] MCFARLANE, ELAINE, GB</p> <p>[72] WARDLE, ROBERT WILFRED MATTHEWS, GB</p> <p>[72] SCHABLA, UWE, DE</p> <p>[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL</p> <p>[85] 2023-05-25</p> <p>[86] 2021-12-09 (PCT/EP2021/084936)</p> <p>[87] (WO2022/122888)</p> <p>[30] EP (20213495.3) 2020-12-11</p>

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[21] **3,203,139**
[13] A1

[51] Int.Cl. B64F 1/18 (2006.01) G08G 5/06 (2006.01)
[25] EN
[54] AERODROME SIGNALLING SYSTEM WITH CELLULAR COMMUNICATION CAPABILITY
[54] SYSTEME DE SIGNALISATION D'AERODROME A CAPACITE DE COMMUNICATION CELLULAIRE
[72] ONA SELFA, GREGORY, BE
[72] LE ROUX, MARTIN, BE
[72] JELU, ANDRE, BE
[71] ADB SAFEGATE BV, BE
[85] 2023-05-25
[86] 2021-12-16 (PCT/EP2021/086070)
[87] (WO2022/129271)
[30] EP (20214755.9) 2020-12-16
[30] EP (21165461.1) 2021-03-29

[21] **3,203,140**
[13] A1

[51] Int.Cl. A23C 9/152 (2006.01) A23L 29/00 (2016.01) A23C 3/02 (2006.01) A23C 11/00 (2006.01) A23C 20/02 (2021.01)
[25] EN
[54] PROCESSED DAIRY-TYPE FOOD PRODUCTS
[54] PRODUITS ALIMENTAIRES DE TYPE LAITIER TRANSFORMES
[72] EIFEL, JULIA, DE
[72] HEYL, ANDREAS, DE
[72] SRICHUWONG, SATHAPORN, DE
[72] GRAHN, IRENE, DE
[72] VOIGHT, MAXIMILIAN, DE
[72] SPORKA, RADOVAN, DE
[72] TRAVEL, JEAN-FRANCOIS, FR
[72] DOERWALD, FLORENCIO ZARAGOZA, CH
[71] BK GIULINI GMBH, DE
[85] 2023-05-25
[86] 2021-12-17 (PCT/EP2021/086493)
[87] (WO2022/129525)
[30] EP (20215147.8) 2020-12-17
[30] EP (21185615.8) 2021-07-14

[21] **3,203,141**
[13] A1

[51] Int.Cl. C07K 16/28 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07K 16/30 (2006.01) C07K 16/32 (2006.01)
[25] EN
[54] T CELL RECRUITING POLYPEPTIDES BASED ON TCR ALPHA/BETA REACTIVITY
[54] POLYPEPTIDES DE RECRUTEMENT DE LYMPHOCYTES T BASES SUR LA REACTIVITE TCR ALPHA/BETA
[72] NEYT, KATRIJN, BE
[72] ROOBROUCK, ANNELIES, BE
[72] STAELENS, STEPHANIE, BE
[72] VAN BELLE, TOM, BE
[72] VERHELST, JUDITH, BE
[72] VAN HOORICK, DIANE, BE
[71] ABLYNX NV, BE
[71] SANOFI, FR
[85] 2023-05-25
[86] 2021-12-20 (PCT/EP2021/086843)
[87] (WO2022/129637)
[30] EP (20306608.9) 2020-12-18
[30] EP (PCT/EP2021/086556) 2021-12-17
[30] EP (EP21306822.4) 2021-12-17

[21] **3,203,142**
[13] A1

[51] Int.Cl. B64C 31/036 (2006.01) B64C 39/02 (2023.01) B64D 17/02 (2006.01)
[25] EN
[54] A MONITORING METHOD AND SYSTEM AND AN AERIAL VEHICLE
[54] PROCEDE ET SYSTEME DE SURVEILLANCE ET VEHICULE AERIEN
[72] D'MELLOW, MELANIE, GB
[72] THOMAS, ADRIAN, GB
[71] ANIMAL DYNAMICS LIMITED, GB
[85] 2023-05-25
[86] 2021-11-26 (PCT/GB2021/053080)
[87] (WO2022/123211)
[30] GB (2019233.2) 2020-12-07

[21] **3,203,143**
[13] A1

[51] Int.Cl. G06Q 10/08 (2023.01) G16H 10/40 (2018.01) G16H 40/20 (2018.01)
[25] EN
[54] SYSTEMS AND METHODS FOR DIAGNOSTIC TESTING
[54] SYSTEMES ET PROCEDES DE TEST DE DIAGNOSTIC
[72] LUBER, JEFFREY, US
[72] JONES, MARC, GB
[72] KRAMER, ALEX, GB
[71] BINX HEALTH LIMITED, GB
[85] 2023-05-25
[86] 2021-11-23 (PCT/IB2021/000818)
[87] (WO2022/112843)
[30] US (63/118,406) 2020-11-25

[21] **3,203,144**
[13] A1

[51] Int.Cl. A61K 31/40 (2006.01) A61P 25/00 (2006.01) A61P 25/24 (2006.01)
[25] EN
[54] DOSAGE REGIMEN FOR A NR2B-NMDA RECEPTOR NAM FOR THE TREATMENT OF DEPRESSION
[54] REGIME POSOLOGIQUE POUR UN MODULATEUR ALLOSTERIQUE NEGATIF DES RECEPTEURS NR2B-NMDA POUR LE TRAITEMENT DE LA DEPRESSION
[72] CHA, JANG-HO, US
[72] FALLER, THOMAS, CH
[72] GOMEZ-MANCILLA, BALTAZAR, FR
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- [71] EASEBON SERVICES LIMITED, CN
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- [72] MACKEY, PAUL, US
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[72] HOEPFNER, GREG, US
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[72] BOYEA, DAVID, US
[72] JEWELL, TERRY, US
[72] GREEN, AUSTON, US
[72] GONG, YING, US
[72] JAMES, AARON, US
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[72] SOLOMON, BARRY, US
[72] YALCIN, CAGRI, US
[72] HOFFMEIER, CARL, US
[72] LIN, HANNA, US
[72] GRAY, JOHN, US
[72] BAKER, JOSEPH, US
[72] CUZENS, JUSTIN, US
[72] SUBIDO, LORENZO, US
[72] PLOOF, MICHAEL, US
[72] SHAH, NEEL, US
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[72] GHOSH, RITWIK, US
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[54] SYSTEME ET STATION DE RECHARGE POUR UN ROBOT DE PULVERISATION AUTONOME
[72] MANDEVILLE, KEN, US
[72] PRICE, CHRIS, US
[72] KIRKPATRICK, SCOTT, US
[72] MCCLAY, JAMES, US
[72] FUHRMAN, CHAD, US
[72] GRAYSON, ANDY, US
[71] HUSQVARNA AB, SE
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[54] SYSTEME ET PROCEDE D'EVALUATION DE DEFAUTS DANS UN MATERIAU
[72] JACK, DAVID A., US
[72] BLANDFORD, BENJAMIN M., US
[72] BLACKMAN, NATHANIEL J., US
[71] VERIFI TECHNOLOGIES, LLC, US
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[54] CELLULES MODIFIEES FONCTIONNALISEES AVEC DES MOLECULES DE POINTS DE CONTROLE IMMUNITAIRES ET LEURS UTILISATIONS
[72] WANG, ANDREW, US
[72] AU, KIN MAN, US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
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TECHNIQUES FOR AUTOMATED
VISUAL INSPECTION**
[54] **TECHNIQUES
D'AUGMENTATION D'IMAGE
POUR INSPECTION VISUELLE
AUTOMATISEE**

[72] GOODWIN, AL PATRICK, US

[72] BERNACKI, JOSEPH PETER, US

[72] MILNE, GRAHAM F., US

[72] PEARSON, THOMAS CLARK, US

[72] JAIN, AMAN MAHENDRA, US

[72] FINE, JORDAN RAY, US

[72] HAMPSHIRE, KENNETH E., US

[72] TAN, AIK JUN, US

[72] PEREZ VARELA OSVALDO, US

[72] GADHVI, NISHANT MUKESH, US

[71] AMGEN INC., US

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[72] BROWN, ANDRE D., US	
[72] INNES, DANIEL J., US	
[72] ANTONISAMI, BASTIN, US	
[72] THORNE, JASON B., US	
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[72] LAWLER, CODY T., US	
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[72] BERUBE, MICHAEL, US	
[72] DUNKIN, BRIAN, US	
[72] HAKINS, DAVID W., US	
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[54] PROCEDES ET SYSTEMES PERMETTANT D'EVITER DES EFFETS DE LIMITE D'ECHANGE NEGATIFS	
[72] WEISS, THOMAS JEFFREY, US	
[72] UNETICH, MICHAEL, US	
[71] TRADING TECHNOLOGIES INTERNATIONAL, INC., US	
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[72] KADE, CARLOS ALEJANDRO, CA	
[72] MORISSETTE, ANNE MARIE, CA	
[72] KUMAR, VIJAY, CA	
[72] BANDIERA, CAROLINE, CA	
[72] COE, ADRIANN TERESA, CA	
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[72] LI, FENG, CN	
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[72] BELATHUR SRINIVASA PRASAD, KRISHNA, IN
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[72] GARRITY, KEVIN C., US
[72] WARNER, CHRISTOPHER M., US
[72] EASTMAN, ALAN, US
[72] REIBOLDT, MARK, US
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[54] APPAREIL ET PROCEDE DE COMMUNICATION D'INFORMATIONS D'INTERACTION A L'AIDE D'UNE IMAGE SUR UN AFFICHAGE DE DISPOSITIF
[72] MOON, BO-SEOK, KR
[72] JUNG, HEE-WON, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] CARTOUCHE DE DEVELOPPEMENT
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[72] CHANG, HWAI WEN, US
[72] SHORT, JAY M., US
[71] BIOATLA, LLC, US
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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] 3,202,562 [13] A1</p> <p>[25] EN [54] SYSTEM, METHOD, AND SATELLITES FOR SURVEILLANCE IMAGING AND EARTH OBSERVATION USING SYNTHETIC APERTURE RADAR IMAGING [54] SYSTEME, PROCEDE ET SATELLITES D'IMAGERIE DE SURVEILLANCE ET D'OBSERVATION TERRESTRE A L'AIDE D'UNE IMAGERIE RADAR A SYNTHESE D'OUVERTURE [72] BOWERS, JOHN, CA [72] HOYLE, WAYNE, CA [72] MALAVIARACHCHI, PAT, CA [72] SENEZ, MARK, CA [72] OGLOW, RYAN, CA [72] THOMPSON, ALAN, CA [72] SIROVLJEVIC, JELENA, CA [72] LEE, TERENCE, CA [71] MDA SYSTEMS LTD., CA [22] 2021-09-16 [41] 2022-03-24 [62] 3,192,971 [30] US (63/079,411) 2020-09-16</p>	<p style="text-align: right;">[21] 3,202,587 [13] A1</p> <p>[51] Int.Cl. C40B 40/06 (2006.01) C12Q 1/6806 (2018.01) C12Q 1/6869 (2018.01) G16B 35/10 (2019.01) C12N 15/10 (2006.01) C40B 70/00 (2006.01)</p> <p>[25] EN [54] NUCLEIC ACID INDEXING TECHNIQUES [54] TECHNIQUES D'INDEXATION D'ACIDE NUCLEIQUE [72] VIECLEI, JOHN S., US [72] KELLY, RYAN MATTHEW, US [71] ILLUMINA, INC, US [22] 2018-11-05 [41] 2019-05-09 [62] 3,067,421 [30] US (62/582,175) 2017-11-06</p>	<p style="text-align: right;">[21] 3,202,655 [13] A1</p> <p>[25] EN [54] SYSTEMS AND METHODS FOR NAVIGATING A THREE-DIMENSIONAL MEDIA GUIDANCE APPLICATION [54] SYSTEMES ET PROCEDES DE NAVIGATION DANS UNE APPLICATION TRIDIMENSIONNELLE DE GUIDAGE DE MEDIA [72] KLAPPERT, WALTER RICHARD, US [72] WOODS, THOMAS STEVEN, US [72] CHILVERS, HENRY C. JR, US [71] ROVI GUIDES, INC., US [22] 2010-09-24 [41] 2011-04-07 [62] 3,109,075 [30] US (12/571,287) 2009-09-30 [30] US (12/571,283) 2009-09-30</p>
<p style="text-align: right;">[21] 3,202,578 [13] A1</p> <p>[25] EN [54] DIGITAL SAFETY AND ACCOUNT DISCOVERY [54] SECURITE NUMERIQUE ET DECOUVERTE DE COMPTE [72] PARK, JASON D., US [72] PARKINSON, JOHN S., US [71] ALLSTATE INSURANCE COMPANY, US [22] 2017-10-20 [41] 2018-04-26 [62] 3,041,289 [30] US (15/331,434) 2016-10-21 [30] US (15/712,315) 2017-09-22</p>	<p style="text-align: right;">[21] 3,202,610 [13] A1</p> <p>[25] EN [54] SYSTEM AND METHOD FOR PREDICTING AND PRESENTING A CROSS-SELL PRODUCT [54] SYSTEME ET METHODE DE PREDICTION ET PRESENTATION D'UN PRODUIT INTERDISTRIBUE [72] BOGLE, JERRY R., US [72] TAUBERT, SCOTT E., US [72] SENNETT, MARGARET A., US [71] STATE FARM MUTUAL AUTOMOBILE INSURANCE COMPANY, US [22] 2014-02-05 [41] 2014-08-13 [62] 2,841,764 [30] US (13/766,503) 2013-02-13</p>	<p style="text-align: right;">[21] 3,202,696 [13] A1</p> <p>[25] EN [54] APPARATUS FOR CONTROLLING FLOW IN A BODILY ORGAN [54] APPAREIL PERMETTANT DE REGULER LA CIRCULATION DANS UN ORGANE CORPOREL [72] FORSELL, PETER, CH [71] IMPLANTICA PATENT LTD., MT [22] 2008-10-10 [41] 2009-04-16 [62] 3,086,685 [30] US (60/960,715) 2007-10-11</p>
<p style="text-align: right;">[21] 3,202,578 [13] A1</p> <p>[25] EN [54] DIGITAL SAFETY AND ACCOUNT DISCOVERY [54] SECURITE NUMERIQUE ET DECOUVERTE DE COMPTE [72] PARK, JASON D., US [72] PARKINSON, JOHN S., US [71] ALLSTATE INSURANCE COMPANY, US [22] 2017-10-20 [41] 2018-04-26 [62] 3,041,289 [30] US (15/331,434) 2016-10-21 [30] US (15/712,315) 2017-09-22</p>	<p style="text-align: right;">[21] 3,202,618 [13] A1</p> <p>[25] EN [54] FIBREGLASS REINFORCED PLASTIC [54] PLASTIQUE RENFORCE DE FIBRES DE VERRE [72] BEALE, LEWIS JOHN, AU [71] HYDRAWALL PTY LTD, AU [22] 2021-10-01 [41] 2022-04-02 [62] 3,132,915 [30] AU (2020903571) 2020-10-02 [30] US (63/090,848) 2020-10-13 [30] CA (3,105,263) 2021-01-07 [30] AU (2020903571) 2020-10-02 [30] US (63/090,848) 2020-10-13 [30] CA (3,105,263) 2021-01-07</p>	<p style="text-align: right;">[21] 3,202,721 [13] A1</p> <p>[25] EN [54] PLANTING POT AND TRAY SYSTEM AND METHOD [54] SYSTEME DE PLATEAU ET JARDINIERE, ET METHODE [72] DILLER, SCOTT P., US [72] LERCEL, MARK S., US [71] EAST JORDAN PLASTICS, INC., US [22] 2018-03-16 [41] 2018-09-16 [62] 2,998,235 [30] US (62/472197) 2017-03-16</p>

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[21] 3,202,731
[13] A1

[25] EN
 [54] **PACKAGING MATERIAL QUALITY COMPENSATION**
 [54] **COMPENSATION DE QUALITE DE MATERIAU D'EMBALLAGE**
 [72] LANCASTER, III, PATRICK R., US
 [71] LANTECH.COM, LLC, US
 [22] 2018-09-21
 [41] 2019-03-28
 [62] 3,076,449
 [30] US (62/562,114) 2017-09-22

[21] 3,202,732
[13] A1

[25] EN
 [54] **FASTENING SYSTEM**
 [54] **SISTÈME DE FIXATION**
 [72] BENNETT, RON, US
 [72] WHITE, STEVE JR., US
 [71] CH3 SOLUTIONS, LLC, US
 [22] 2017-03-23
 [41] 2017-09-28
 [62] 3,018,547
 [30] US (62/312,604) 2016-03-24

[21] 3,202,736
[13] A1

[25] EN
 [54] **DYNAMIC ADJUSTMENT OF WRAP FORCE PARAMETER RESPONSIVE TO MONITORED WRAP FORCE AND/OR FOR FILM BREAK REDUCTION**
 [54] **REGLAGE DYNAMIQUE DU PARAMETRE DE FORCE D'ENVELOPPEMENT EN REPONSE A LA FORCE D'ENVELOPPEMENT CONTROLEE ET/OU POUR LA REDUCTION DES RUPTURES DE FILM**
 [72] LANCASTER, PATRICK R. III, US
 [72] MITCHELL, MICHAEL P., US
 [72] JOHNSON, RICHARD L., US
 [72] MCCRAY, JEREMY D., US
 [71] LANTECH.COM, LLC, US
 [22] 2015-01-14
 [41] 2015-07-23
 [62] 3,111,412
 [30] US (61/927,041) 2014-01-14

[21] 3,202,766
[13] A1

[25] EN
 [54] **SEQUENCING OUTPUT DETERMINATION AND ANALYSIS WITH TARGET-ASSOCIATED MOLECULES IN QUANTIFICATION ASSOCIATED WITH BIOLOGICAL TARGETS**
 [54] **DETERMINATION ET ANALYSE DES SORTIES DE SEQUENCAGE A L'AIDE DE MOLECULES ASSOCIEES A UNE CIBLE DANS UNE QUANTIFICATION ASSOCIEE A DES CIBLES BIOLOGIQUES**
 [72] TSAO, DAVID, US
 [72] ATAY, OGUZHAN, US
 [71] BILLIONTOONE, INC., US
 [22] 2018-08-06
 [41] 2019-02-07
 [62] 3,071,366
 [30] US (62/541,565) 2017-08-04

[21] 3,202,790
[13] A1

[25] EN
 [54] **FOUR CLIP CLIPPING MACHINE**
 [54] **MACHINE DE DECOUPAGE A QUATRE AGRAFES**
 [72] ZURWEIDEN, MARTIN, US
 [72] EBERT, DETLEF, DE
 [71] POLY-CLIP SYSTEM GMBH & CO. KG, DE
 [22] 2021-02-12
 [41] 2021-08-28
 [62] 3,109,044
 [30] US (16/805296) 2020-02-28

[21] 3,202,893
[13] A1

[25] EN
 [54] **PROCESSES FOR PREPARING ASK1 INHIBITORS**
 [54] **PROCEDES DE PREPARATION D'INHIBITEURS DE L'ASK1**
 [72] BROWN, BRANDON HEATH, US
 [72] CHAN, BRENDA J. BURKE, US
 [72] CHIU, ANNA, US
 [72] GRIGGS, NOLAN, US
 [72] HEUMANN, LARS V., US
 [72] LATHROP, STEPHEN P., US
 [72] REYNOLDS, TROY EVAN, US
 [72] SARMA, KESHAB, US
 [72] SILER, DAVID ALLEN, US
 [72] THOMPSON, ANDREW S., US
 [72] WANG, TAO, US
 [72] NOTTE, GREGORY, US
 [71] GILEAD SCIENCE, INC., US
 [22] 2015-12-22
 [41] 2016-06-30
 [62] 3,100,432
 [30] US (62/096,391) 2014-12-23
 [30] US (62/269,064) 2015-12-17

[21] 3,202,904
[13] A1

[25] EN
 [54] **PLANT GROWTH-PROMOTING BACILLUS THURINGIENSIS STRAIN AND USES THEREOF**
 [54] **SOUCHE DE BACILLUS THURINGIENSIS POUR PROMOUVOIR LA CROISSANCE DES PLANTES ET UTILISATIONS CONNEXES**
 [72] BULLIS, DAVID T., US
 [72] GRANDLIC, CHRISTOPHER J., US
 [72] MCCANN, RYAN, US
 [72] KEROVUO, JANNE S., US
 [71] MONSANTO TECHNOLOGY LLC, US
 [22] 2012-12-13
 [41] 2013-06-20
 [62] 3,105,047
 [30] US (61/570,237) 2011-12-13

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demandes mises à la disponibilité du public non disponibles auparavant**

<p style="text-align: right;">[21] 3,202,951</p> <p>[13] A1</p> <p>[25] EN</p> <p>[54] DYNAMIC ADJUSTMENT OF WRAP FORCE PARAMETER RESPONSIVE TO MONITORED WRAP FORCE AND/OR FOR FILM BREAK REDUCTION</p> <p>[54] REGLAGE DYNAMIQUE DU PARAMETRE DE FORCE D'ENVELOPPEMENT EN REPONSE A LA FORCE D'ENVELOPPEMENT CONTROLEE ET/OU POUR LA REDUCTION DES RUPTURES DE FILM</p> <p>[72] LANCASTER, PATRICK R. III, US</p> <p>[72] MITCHELL, MICHAEL P., US</p> <p>[72] JOHNSON, RICHARD L., US</p> <p>[72] MCCRAY, JEREMY D., US</p> <p>[71] LANTECH.COM, LLC, US</p> <p>[22] 2015-01-14</p> <p>[41] 2015-07-23</p> <p>[62] 3,111,412</p> <p>[30] US (61/927,041) 2014-01-14</p>	<p style="text-align: right;">[21] 3,203,071</p> <p>[13]</p> <p>[25] EN</p> <p>[54] METHODS, SYSTEMS AND DEVICES FOR REDUCING IRON LOSSES IN AN ELECTRIC MACHINE EXCITED BY AN INVERTER POWER SUPPLY</p> <p>[54] METHODES, SYSTEMES ET DISPOSITIFS POUR REDUIRE LES PERTES DANS LE FER DANS UNE MACHINE ELECTRIQUE EXCITEE PAR UN BLOC D'ALIMENTATION A ONDULEUR</p> <p>[72] OHSGI, YASUO, JP</p> <p>[71] NIPPON STEEL CORPORATION, JP</p>	<p style="text-align: right;">[21] 3,203,181</p> <p>[13] A1</p> <p>[25] EN</p> <p>[54] METHODS AND DEVICES FOR AESTHETIC TREATMENT OF BIOLOGICAL STRUCTURES BY RADIOFREQUENCY AND MAGNETIC ENERGY</p> <p>[54] PROCEDES ET DISPOSITIFS DE TRAITEMENT ESTHETIQUE DE STRUCTURES BIOLOGIQUES PAR RADIOFREQUENCE ET ENERGIE MAGNETIQUE</p> <p>[72] LANG, FRANTISEK, CZ</p> <p>[72] SCHWARZ, TOMAS, CZ</p> <p>[71] BTL MEDICAL SOLUTIONS A.S., CZ</p> <p>[22] 2020-04-09</p> <p>[41] 2020-10-15</p> <p>[62] 3,116,569</p> <p>[30] US (62/832,688) 2019-04-11</p> <p>[30] US (62/832,738) 2019-04-11</p> <p>[30] US (62/932,259) 2019-11-07</p>
<p style="text-align: right;">[21] 3,202,962</p> <p>[13] A1</p> <p>[25] EN</p> <p>[54] UNIVERSAL CHAIN TIE DOWN ASSEMBLY</p> <p>[54] ENSEMBLE UNIVERSEL D'ARRIMAGE DE CHAINES</p> <p>[72] MAKI, BRIAN G., US</p> <p>[72] FRECHETTE, JACE H., US</p> <p>[71] IRECO, LLC, US</p> <p>[22] 2019-10-07</p> <p>[41] 2020-05-19</p> <p>[62] 3,057,767</p> <p>[30] US (16/194,672) 2018-11-19</p>	<p style="text-align: right;">[21] 3,203,096</p> <p>[13] A1</p> <p>[25] EN</p> <p>[54] IMAGE INFORMATION ENCODING AND DECODING METHOD</p> <p>[54]</p> <p>[72] PARK, SEUNG WOOK, KR</p> <p>[72] LIM, JAE HYUN, KR</p> <p>[72] KIM, JUNG SUN, KR</p> <p>[72] PARK, JOON YOUNG, KR</p> <p>[72] CHOI, YOUNG HEE, KR</p> <p>[72] JEON, BYEONG MOON, KR</p> <p>[72] JEON, YONG JOON, KR</p> <p>[71] LG ELECTRONIC INC., KR</p> <p>[22] 2011-12-16</p> <p>[41] 2012-12-27</p> <p>[62] 3,116,207</p> <p>[30] US (61/500617) 2011-06-24</p>	<p style="text-align: right;">[21] 3,203,182</p> <p>[13] A1</p> <p>[25] EN</p> <p>[54] POLICY CONSTRAINT FRAMEWORK FOR AN SDDC</p> <p>[54] CADRE DE CONTRAINTE DE POLITIQUE DE SDDC</p> <p>[72] PALAVALLI, AMARNATH, US</p> <p>[72] VAIDYA, SACHIN MOHAN, IN</p> <p>[72] MARGARIAN, PAVLUSH, IN</p> <p>[71] VMWARE, INC., US</p> <p>[22] 2019-06-09</p> <p>[41] 2019-12-19</p> <p>[62] 3,103,930</p> <p>[30] IN (201841022440) 2018-06-15</p> <p>[30] US (16/200,678) 2018-11-27</p>
<p style="text-align: right;">[21] 3,202,964</p> <p>[13] A1</p> <p>[25] EN</p> <p>[54] OZONE DISTRIBUTION IN A FAUCET</p> <p>[54] DISTRIBUTION D'OZONE DANS UN ROBINET</p> <p>[72] ROSKO, MICHAEL SCOT, US</p> <p>[72] JONTE, PATRICK B., US</p> <p>[72] DAVRIES, ADAM M., US</p> <p>[72] THOMAS, KURT JUDSON, US</p> <p>[72] SAWASKI, JOEL D., US</p> <p>[71] DELTA FAUCET COMPANY, US</p> <p>[22] 2012-12-06</p> <p>[41] 2013-06-13</p> <p>[62] 3,085,086</p> <p>[30] US (61/567,392) 2011-12-06</p>	<p style="text-align: right;">[21] 3,203,167</p> <p>[13] A1</p> <p>[25] EN</p> <p>[54] INTELLIGENT AUTOMATED ASSISTANT</p> <p>[54] ASSISTANT AUTOMATISE INTELLIGENT</p> <p>[72] CHEYER, ADAM JOHN, US</p> <p>[72] GUZZONI, DIDIER RENE, CH</p> <p>[72] GRUBER, THOMAS ROBERT, US</p> <p>[72] BRIGHAM, CHRISTOPHER DEAN, US</p> <p>[72] KITTLAUS, DAG, US</p> <p>[71] APPLE INC., US</p> <p>[22] 2011-01-11</p> <p>[41] 2011-07-21</p> <p>[62] 3,077,914</p> <p>[30] US (61/295,774) 2010-01-18</p> <p>[30] US (12/987,982) 2011-01-10</p>	<p style="text-align: right;">[21] 3,203,190</p> <p>[13] A1</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR DETERMINING A STATE OF HEALTH OF A POWER SOURCE OF A PORTABLE DEVICE</p> <p>[54] APPAREIL ET METHODE SERVANT A DETERMINER L'ETAT DE SANTE D'UNE SOURCE D'ALIMENTATION D'UN DISPOSITIF PORTABLE</p> <p>[72] GROSS, AMIT, IL</p> <p>[71] CELLEBRITE MOBILE SYNCHRONIZATION LTD., IL</p> <p>[22] 2015-02-19</p> <p>[41] 2015-08-24</p> <p>[62] 2,882,480</p> <p>[30] US (14/187,366) 2014-02-24</p>

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[21] **3,203,196**

[13] A1

[25] EN

[54] **METHODS AND APPARATUS FOR
AN EMBEDDED APPLIANCE**

[54] **PROCEDES ET APPAREIL POUR
UN APPAREIL ELECTRIQUE
INTEGRÉ**

[72] SMITH, JOHN J., US

[72] TITUS, STEPHEN R., US

[72] ROGERS, DOUGLAS E., US

[72] BOYLE, DAVID HENRY, US

[72] JOHNSON, KEIRA KAITLYN, US

[72] BELL, JONATHAN D., US

[71] ECHO 360, INC., US

[22] 2012-06-29

[41] 2013-01-03

[62] 3,079,145

[30] US (61/503,472) 2011-06-30

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ABOUELENIN, AHMED	3,111,294	AMERICAN LITHIUM ENERGY CORPORATION	2,968,859	BAK, DA JEONG	3,072,042
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		ASSA ABLOY ENTRANCE SYSTEMS AB	3,120,097	BEIJEN, JACOB HENDRIK	3,124,319
		AUCUTT, MICHAEL J.	2,972,555	BELKOVI, LUBIN	2,967,699
		AURORA OPERATIONS, INC.	3,151,117	BEN SHALOM, ZVI	2,978,175
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BENNING, KEVIN	2,946,059	BUTLER, MATTHEW	2,914,898	CHOI, JOON HWAN	3,085,619
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BERGSMANN, MARTIN	3,113,572	C2CNT LLC	3,156,243	CHOI, SUN HYOUNG	3,073,607
BERGWERFF, EDWIN	3,004,512	CAI, LE	3,083,965	CHOI, YUNJUNG	3,073,607
BERNARDO, JOSE	3,106,167	CAI, XIUYU	3,066,714	CHONG KUN DANG	
BERTHE, ERIC	3,002,908	CAI, YING	3,107,036	PHARMACEUTICAL	
BEST PET RX IP, INC.	2,936,070	CALEMAN, REINALDO	3,038,799	CORP.	3,106,560
BHOWMICK, SUBHAS		CAMBIER, ELOISE	3,111,334	CHONO, KEIICHI	3,138,227
BALARAM	3,014,168	CAMP, JOSHUA LANE	3,138,874	CHOO, CATHERINE TANG	
BIALEK, JADWIGA		CAMPO DELGADO, RAMON	2,974,764	KUM	3,074,057
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BILBAO ARECHABALA,		CAPITAL ONE SERVICES, LLC	2,982,770	CICENAS, CHRIS W.	2,931,714
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BL TECHNOLOGIES, INC.	2,922,111	CARRO, EDUARDO M.	2,961,367	(DEUTSCHLAND) GMBH	2,949,584
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BLACKBURN, MARCUS	3,153,461	CASTEX, JIMMY	3,040,294	WILHELMINA	3,012,209
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BLICK, DANIEL	2,953,817	LLC	3,015,176	COHEN, JOEL	3,135,745
BLOM, EVERT-JAN	2,861,032	CELGENE CORPORATION	2,972,604	COLAS	2,911,855
BOENISCH, ANDREAS	2,982,025	CELULARITY INC.	3,103,505	COLEMAN, ROBERT JEFFREY	2,981,157
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BOHM, ERNST	2,958,056	CERESOLI, ROSSANO	3,039,015	COMIN, FRANCOIS JEAN	2,977,896
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BOISVERT, OLIVIER	2,986,780	CHAE, HYUKJIN	3,171,340	ENERGIES	
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DE SIMONI, MICHELA	2,957,496	E80 GROUP S.P.A.	2,926,105	FASSI, GIOVANNI	3,039,015
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HIGH, KEITH T.	3,120,097	IDOM, S.A.U.	2,974,764	JOHNSON & JOHNSON	
HILL, COLIN KENNETH	2,949,467	IGARASHI, HIROSHI	3,099,779	CONSUMER INC.	2,999,992
HINDERS, JOHN H.	3,101,342	ILIAS BIOLOGICS INC.	3,073,162	JOHNSON MATTHEY	
HIP INNOVATION TECHNOLOGY, LLC	2,992,582	ILLUMINA, INC.	3,066,714	HYDROGEN	
HIRATA, YASUHIRO	2,983,391	IM, WOOK BIN	3,120,848	TECHNOLOGIES LIMITED	2,981,157
HITACHI ENERGY SWITZERLAND AG	3,034,870	IMAMURA, SHINICHI IMPER S.P.A.	2,983,391 3,007,109	JOHNSON, GREG JOHNSTON, RAY L. JOHNSTON, SIMON	3,026,454 3,032,696 2,992,067
HOARTY, W. LEO	2,906,173	IMPULSE DOWNHOLE SOLUTIONS LTD.	3,034,320	JOINT STOCK COMPANY	
HODGSON, RILEY	3,025,670	INDUSTRIE DE NORA S.P.A.	2,951,002	SCIENTIFIC RESEARCH AND DESIGN INSTITUTE	
HODGSON, THOMAS	3,025,670	INERO AB	2,999,926	FOR ENERGY TECHNOLOGIES	
HOESS, BERNHARD	3,015,572	INFINEUM INTERNATIONAL LIMITED	2,938,020	ATOMPROJEKT	3,107,479
HOFFMANN, HELLA- FRANZISKA	3,089,692	INGERMAN, ALEKSANDR MIKHAYLOVICH	2,953,817	JOINT-STOCK COMPANY	
HOHMANN, SOREN	3,142,560	INING S.R.O.	3,127,705	"ATOMENERGOPROJEKT"	3,107,479
HOLLANDER, STEPHEN E.	2,923,199	INNARA HEALTH, INC.	2,910,406	JOLLY, MICHAEL SHANE	2,979,832
HOLTSTIEGE, THOMAS	3,118,621	INOUE, KEISHI	3,122,753	JOLY, PHILIPPE GERARD	
HOLTSTIEGE, THOMAS	3,118,633	INSCAPE DATA, INC.	2,906,173	EDMOND	2,977,896
HOLZER, JESSE T.	3,081,459	INSTITUTUL NATIONAL DE CERCETARE-		JONES, ALAN	2,991,719
HONG, JAE HWA	3,072,042	DEZVOLTARE PENTRU FIZICA TEHNICA - IFT		JONSSON, BO	2,969,904
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HOPE BIOSCIENCES, LLC	3,022,549	INTERNATIONAL PAPER COMPANY	3,026,961	JOSHI, PADMANABH	
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HORNBERGER, HEIKO	3,034,116	ISHIDA, TAKAYUKI	2,969,378	JOSHI, SUNIL D.	2,891,151
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HOWMET AEROSPACE INC.	3,020,443	ISHIHARA SANGYO KAISHA, LTD.	3,053,901	JUICE CO., LTD.	3,113,043
HRUSCHAK, MILTON	2,977,964	IVANOV, GEORGI	3,088,954	JUNG, THOMAS	3,015,572
HSIEH, WAN-LIN	3,100,479	IWAMURA, NAOKI	3,040,294	JUSSAUME, LOUIS-MARTIN	3,066,498
HSIU, THOMAS PEI-JA	3,160,109	IYENGAR, SUJATHA	2,983,391	JX NIPPON MINING & METALS CORPORATION	3,118,067
HSU, HAILING	2,904,992	IZUTANI, SHUN	3,056,658	JYSK SKIN SOLUTIONS PTE. LTD.	2,970,136
HSU, SHYIGUEI	3,107,036	JABLONSKI, LAURENT	3,092,913	KABAKOV, EVGUENI	3,144,143
HU, YUEHAN	3,038,416	JACKSON, AVERY M., III	2,977,896	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)	3,092,913
HUANG, DEHUA	2,963,639	JACOB, THOMAS	3,054,017	KABUSHIKI KAISHA YAKULT	3,039,442
HUANG, FUHSING	3,105,317	JACOBSEN, FREDERICK W.	2,969,038	HONSHA	3,119,325
HUANG, RENKE	3,081,459	JAEGER, JASON CHARLES	2,904,992	KADOUS, TAMER ADEL	
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HUAWEI TECHNOLOGIES CO., LTD.	3,083,965	JAKOBSSON, ELIJAH	3,125,707	KALETA, RICHARD	3,120,097
HUAWEI TECHNOLOGIES CO., LTD.	3,117,004	JALILIAN, SEYED EHSAN	3,015,196	KAMA, SEZGIN	3,121,694
HUBBARD, ROBERT	2,963,639	JALILIAN, SEYED EHSAN	2,986,451	KAMAT, VISHAL	2,889,541
HUBBELL LIGHTING, INC.	2,984,491	JAMALI, SHAHAB	2,990,704	KAMBOH, AMEEL	2,926,628
HUBER, FLORIAN ANTON MARTIN	2,977,437	JAMISON, TIMOTHY F.	3,103,969	KANE, DAVID M.	2,988,785
HUCHIN, PATRICK EMILIEN PAUL EMILE	3,015,707	JANECHK, MATTHEW J.	2,957,410	KANE, PRASHANT	3,014,168
HUECK FOLIEN GESELLSCHAFT M.B.H.	3,113,572	JANG, SUK HO	3,065,350	KANELLOPOULOS, VASILEIOS	3,095,977
HUET, MARION	2,937,274	JARPE, MATTHEW	3,129,590	KANG, ZHIQIN	3,076,363
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HULL, JOHN	2,986,451	JARRELL, JOHN	2,979,832	KANSAI PAINT CO., LTD.	2,999,405
HUNTER, TIMOTHY HOLIMAN	3,138,874	JEFFY, BRANDON	2,970,678	KANTHAL AB	2,969,904
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HUTCHINGS, JAMES	2,999,446	JENSEN, TORBEN	2,957,410	KAVANAUGH, MICHAEL D.	3,056,658
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KIM, NAK HYUN	2,972,222	LALIENA IRANZO, CARLOS	2,937,274	LI, LING	3,027,578
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KOEPPEL, ADAM R.	2,982,773	LE, RICHARD	2,983,002	LIPOVSEK, DASA	2,884,730
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KOLMAR KOREA CO., LTD.	3,072,042	LEDFORD, RYAN CARLTON	2,960,959	PRODUCTS INC.	3,032,696
KONDUC, KAMERON WAYNE	3,015,196	LEDFORD, TIMOTHY	3,054,922	LIU, BO	3,106,989
KONIG, THOMAS	2,947,049	LEE, CHUN HWA	3,032,058	LIU, CHUANYUN	3,092,190
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		LEICA BIOSYSTEMS	3,116,115	LOWDEN, PAUL	3,068,159
		IMAGING, INC.	3,000,053	LU, LILING	3,092,190
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LUSTENBERGER, IVO	2,969,378	MCENTEE, CATHERINE	3,081,459	MORTIMER, RAYMOND	2,999,446
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UOP LLC	3,129,098	WANG, XIAOCHUAN	XU, JIANMING	3,047,856
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VALENTINAS, RAMUNAS	3,111,334	WARNER, MICHELLE	XU, ZHANPING	3,129,098
VALLEM, MALLIKARJUNA	3,081,459	WATANABE, KAZUYA	XU, ZHONG	3,107,036
VAN HULTEN, MARIEKE HELENA ADRIANA	2,861,032	WATSON, ROBERT	XU, ZUSHENG	3,029,857
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VAN PETEGEM, RONALD	2,938,715	WEATHERFORD	YAHATA, HIROSHI	2,944,875
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VANDEGRIFT, CHRIS E.	3,066,935	WEATHERFORD HOLDINGS, LLC	YAMADA, RYU	3,015,201
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VENTURA, FRANK R.	2,969,038	WESTINGHOUSE AIR BRAKE TECHNOLOGIES	YAN, XINYAN	3,020,443
VERATHON INC.	3,085,619	CORPORATION	YAN, ZIYING	3,016,985
VERTEX PRECISION INDUSTRIAL CORP.	3,099,167	WESTINGHOUSE AIR BRAKE CORPORATION	YANG, FUXING	3,085,619
VIAVI SOLUTIONS, INC.	2,975,872	TECHNOLOGIES	YANG, GUOZHONG	3,124,587
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		WILD, GAVIN BARRY	YANG, SHANSHAN	3,124,587
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			YASHIMA, TAKASHI	3,092,913
			YASUHARA, TAKAYUKI	3,101,089
			YENER, DORUK O.	3,056,658
			YE-TAN, JANIFER	2,970,136
			YEOH, IVAN L.	2,991,322
			YEUNG, TONY	3,092,865
			YI, YUNJUNG	3,171,340
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ZHOU, HOUAN	3,076,363		
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10353744 CANADA LTD.	3,184,580	BONTE, JAN	3,185,494	COMCAST CABLE	
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BASF AGRICULTURAL SOLUTIONS SEED US LLC	3,184,090	CHINA UNIVERSITY OF MINING AND TECHNOLOGY	3,184,483	DRON, MIKHAIL	3,145,124
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BIBA VENTURES INC.	3,184,803		3,185,466	INTERNATIONAL, LLC	3,184,391
BIBA VENTURES INC.	3,184,813		3,183,939	FORAGE GENETICS	
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				FOUGEROUSSIE, DAMIEN	3,183,028
				FRAYSURE, III, PAUL W.	3,183,975
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HEALTHCARE SYSTEMS, INC.		TAKEDA PHARMACEUTICAL COMPANY LIMITED	3,201,032	JUNIOR UNIVERSITY	3,201,032
STORA ENSO OYJ	3,201,692	TAKEDA, YOHEI	3,201,978	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	
STOVALL, TY EDGAR	3,202,520	TAL, NATALY	3,201,770	THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO	3,200,576
STOVER, RICHARD	3,202,796	TALEBI FARD, PEYMAN	3,201,048	THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO	
STRATMANN, CHRISTIAN	3,197,204	TALLON, STEPHEN JOHN	3,202,524	THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO	3,201,829
STRAUBE, THOMAS	3,201,227	TALWIN, MARK	3,200,579	THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO	
STREAM-FLO INDUSTRIES LTD.	3,200,901	TAMMES, HARMANNUS	3,200,785	THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO	
STREICH, ANDREW ALAN	3,203,134	TAN, AIK JUN	3,200,825	THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO	
STREIFF, STEPHANE	3,202,588	TAN, GABRIEL HONG CHUN	3,203,163	THE JOHN HOPKINS UNIVERSITY	3,202,526
STRINGER, JEFF T.	3,200,905	TAN, GABRIEL HONG CHUN	3,201,981	THE JOHN HOPKINS UNIVERSITY	3,200,565
STRYKER CORPORATION	3,201,067	TAN, HAOHAN	3,201,982	THE JOHN HOPKINS UNIVERSITY	
STUART, PAUL G.	3,197,911	TAN, YEW TECK	3,198,254	THE JOHN HOPKINS UNIVERSITY	
STUART, SARAH	3,200,650	TANAKA, ISAO	3,203,022	THE NORDAM GROUP LLC	3,201,108
STUDIENGESELLSCHAFT KOHLE GGMBH	3,200,434	TANAKA, MASAFUMI	3,202,737	THE PROCTER & GAMBLE COMPANY	3,200,629
STUHLMANN, DOMINIK	3,200,643	TANG, GUANQUN	3,201,748	THE PROCTER & GAMBLE COMPANY	
SUBIDO, LORENZO	3,201,865	TANG, LILI	3,202,018	THE PROCTER & GAMBLE COMPANY	3,200,435
SUCHANEK, MARTIN	3,203,159	TANGUY, NICOLAS	3,202,988	THE PROCTER & GAMBLE COMPANY	
SUE, JILLIAN	3,202,876	TANVAR, HIMANSHU	3,201,770	THE PROCTER & GAMBLE COMPANY	3,200,640
SULLIVAN, GREG M.	3,202,030	TAPtas, BERKE CAGKAN	3,201,717	THE PROCTER & GAMBLE COMPANY	
SULLIVAN, ROBERT W.	3,202,722	TARAS, MICHAEL F.	3,201,882	THE PROCTER & GAMBLE COMPANY	
SUMITOMO CHEMICAL COMPANY, LIMITED	3,201,965	TASHIRO, TOMOHIRO	3,202,768	THE PROCTER & GAMBLE COMPANY	3,200,645
SUMITOMO CHEMICAL COMPANY, LIMITED		TATA CONSULTANCY SERVICES LIMITED	3,203,158	THE PROCTER & GAMBLE COMPANY	
SUMITOMO CHEMICAL COMPANY, LIMITED		TAVAKKOL, AMIR	3,202,996	THE PROCTER & GAMBLE COMPANY	3,200,735
SUMITOMO DAINIPPON PHARMA CO., LTD.	3,200,879	TAWA, GREGORY JAMES	3,201,695	THE PROCTER & GAMBLE COMPANY	
SUN PHARMA ADVANCED RESEARCH COMPANY LIMITED	3,202,998	TAYLOR, GRAY	3,201,760	THE PROCTER & GAMBLE COMPANY	3,200,739
SUN, DAEWEI	3,202,999	TAYLOR, IAN CHARLES	3,201,690	THE PROCTER & GAMBLE COMPANY	
SUN, FUSONG	3,200,498	ANTHONY	3,201,999	THE PROCTER & GAMBLE COMPANY	3,200,748
SUN, JIN	3,201,220	TAYLOR, ZACHARY JAMES	3,202,592	THE PROCTER & GAMBLE COMPANY	
SUN, JUN	3,200,597	TEAM YOUNG TECHNOLOGY CO., LTD.	3,202,796	THE PROCTER & GAMBLE COMPANY	3,200,909
SUN, KEPEI	3,201,684	TECHNOLOGICAL RESOURCES PTY. LIMITED	3,202,727	THE PROCTER & GAMBLE COMPANY	
SUN, SHANSHAN	3,202,988	TECHNOLOGICAL RESOURCES PTY. LIMITED	3,202,727	THE PROCTER & GAMBLE COMPANY	3,201,033
SUN, YULONG	3,201,969	TECHNOLOGIES NECTAR INC.	3,202,935	THE PROCTER & GAMBLE COMPANY	
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SUNTEC CO., LTD.	3,200,810	TEIJIN PHARMA LIMITED	3,200,933	THE PROCTER & GAMBLE COMPANY	
SUR, RAJESH	3,164,028	TEKION CORP	3,203,151	THE PROCTER & GAMBLE COMPANY	3,201,911
SURILOV, MIKLE	3,200,461	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	3,201,938	THE PROCTER & GAMBLE COMPANY	3,201,921
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THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	3,202,040	TMRW LIFE SCIENCES, INC. TOCHON, PIERRE TOLTS, ALEXANDER TOM, CURTIS TOMI, VINTOLA TONG, GLENN TONIX PHARMACEUTICALS HOLDING CORP.	3,200,508 3,201,923 3,201,227 3,200,434 3,201,081 3,201,035 3,202,722	TURCU, GABRIEL VIRGIL TURKKI, TARJA TURNER, MATTHEW TURNER, SAMUEL BARRY TURNER, SAMUEL BARRY TURNER, SAMUEL BARRY TYGRUS LLC	3,202,569 3,201,817 3,200,651 3,202,861 3,202,862 3,202,866 3,200,648
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THE SCRIPPS RESEARCH INSTITUTE	3,202,961	TOPSOE A/S TOPSOE A/S TOPSOE A/S TOPSOE A/S TOPSOE A/S TOPSOE A/S TOPSOE A/S	3,200,808 3,200,431 3,201,094 3,201,932 3,200,759 3,200,788 3,201,975	U.S. SILICA COMPANY UCB BIOPHARMA SRL UDAYAKUMAR, ANUOP ULANDER, LARS JOHAN ANDREAS UMEBAKASHI, TOYOSHI UMEBAKASHI, TOYOSHI	3,201,023 3,202,993 3,200,646 3,203,024 3,203,145 3,203,147
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THE UNIVERSITY OF BRITISH COLUMBIA	3,201,895	TORNBLOM, MARIA TORNOE, CHRISTIAN WENZEL TORRANCE, CASEY TOTALENERGIES ONE TECH	3,202,520 3,201,088 3,201,991 3,202,768	UNDERWOOD, PERRY JOHN UNILEVER GLOBAL IP UNILEVER GLOBAL IP UNILEVER GLOBAL IP	3,200,766 3,200,496 3,200,498 3,200,827
THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	3,201,893	TOTIENT, INC.	3,201,904	UNILEVER GLOBAL IP	3,200,827
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WILSON, BRAD	3,201,715	XU, GANG	3,201,045	ZALETELJ, HENRIK	3,200,774
WILSON, PAMALA	3,200,931	XU, GANG	3,199,038	ZANETTE, DINO ENRICO	3,199,018
WILSON, PETER GREGORY	3,201,873	XU, JIAHAO	3,200,813	ZEALAND PHARMA A/S	3,200,525
WILSON, SHANE MATTHEW	3,202,796	XU, JIAN	3,200,575	ZEALAND PHARMA A/S	3,200,526
WILTON, STEPHEN DONALD	3,201,028	XU, JIAN FENG	3,200,587	ZECHA HARTMETALL-	
WIMMER, DOMINIC	3,202,559	XU, JUN	3,200,652	WERKZEUGFABRIKATIO	
WIMMER, DOMINIC	3,202,561	XU, MIAO	3,200,813	N GMBH	3,200,906
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WING, MEGHAN A.	3,201,771	XU, XIANG	3,201,872	ZEKRIARDEHANI, SHAHAB	3,200,488
WINKELBACH, KATHARINA	3,202,759	XU, XINLIANG	3,200,812	ZENG, DADI	3,201,064
WINTER, MATT	3,201,702	XU, YANG	3,202,094	ZENG, WILLIAM JOSEPH	3,202,572
WINZEN, ANDREAS	3,200,818	YADAGANI,	3,201,018	ZEVRA DENMARK A/S	3,202,568
WM. WRIGLEY JR. COMPANY	3,200,555	YAKSIC, ANDREW	3,199,038	ZHANG, CHANG	3,201,064
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WOOD, MARK	3,201,998	YAO, HONGSHUAI	3,202,857	ZHANG, JIANPING	3,201,857
WOOD, PHILIP	3,202,711	YAO, JUN	3,200,751	ZHANG, JIAO	3,201,064
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			3,200,781	ZHANG, ZHIYONG	3,201,924
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			3,201,684	ZHAO, CHANGWEN	3,200,575
			3,200,923	ZHAO, CHANGWEN	3,200,587
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			3,202,117	ZHENG, BUMEI	3,201,684
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BROWN, ANDRE D.	3,202,410	IRECO, LLC	3,202,962	PARKINSON, JOHN S.	3,202,578
BROWN, BRANDON HEATH	3,201,669	ITABASHI, NAO	3,202,410	POLY-CLIP SYSTEM GMBH & CO. KG	
BTL MEDICAL SOLUTIONS A.S.	3,202,893	JEON, BYEONG MOON	3,203,096	QUANTA ASSOCIATES LP	3,202,340
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WOODS, THOMAS STEVEN	3,202,655
XU, KAI	3,201,669
XU, ZHENG	3,202,015
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