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Canada

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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.

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.

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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'indentification 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), sise 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

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 méga-octets qui excède 7 méga-octets, 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.

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. 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).

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. 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

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

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

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).

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.

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 57.2*a*))	**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).

(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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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

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Date de modification : 17 juin 2019

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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.

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. 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

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 retournés à l'expéditeur.

Le formulaire de paiements des frais devrait toujours être

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, à

except statutory holiday

- 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

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

- Innovation, Science and Economic Development Canada
  Library Square
  300 West Georgia Street, Suite 2000
  Vancouver BC V6B 6E1
  Tel.: 604-666-5000

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

l'exception des jours fériés

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

- Innovation, Sciences et Développement économique Canada
  Library Square
  300, rue Georgia Ouest, pièce 2000
  Vancouver (C.-B.) V6B 6E1
  Tél. : 604-666-5000

  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

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.

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. 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

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,

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).

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 ou l'OPIC l'a reçue (Heure de l'Est).

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.

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 inconvénients 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.

Patents

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

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 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.

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.

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.

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.

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.

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.

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

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

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;

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.

:

- 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

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

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.

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.

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 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 discrétion 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.

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.

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.

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.

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. 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 "Stellent 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

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 « Stellent 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.

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

Format TIFF

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

Format PDF

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

ASCII

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

Trademarks

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

Industrial Design

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

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

Marques de commerce

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

Dessins industriels

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

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

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

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

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

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

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;

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 (1er 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 (1er juillet)*;
- Le premier lundi du mois d'août***;
- Fête du travail : Premier lundi du mois de septembre;

- 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 considéré avoir été reçus à cette date.

La prorogation de délai concernant les jours prescrits ou règlementaires 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 règlementaires 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

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.

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.

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.

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.

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

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

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

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

- 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 November 10, 2020 contains applications open to public inspection from October 25, 2020 to October 31, 2020.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 10 novembre 2020 contient les demandes disponibles au public pour consultation pour la période du 25 octobre 2020 au 31 octobre 2020.

16. Erratum

All information respecting patent application number 3, 064, 903 referred to under the section *PCT Applications Entering the National Phase* contained in the February 4, 2020, issue of the *Canadian Patent Office Record* was erroneously published and should be disregarded.

16. Erratum

Toutes les informations relatives à la demande de brevet 3, 064, 903 dans la liste *des Demandes PCT entrant en phase nationale* contenues dans le numéro 4 février 2020 de la *Gazette du Bureau des brevets* ont été publiées par erreur et doivent être ignorées.

17. Erratum	17. Erratum
The information concerning the removal of the following patent agents from the register of patent agents, included in the Canadian Patent Office Record of October 13, 2020, was incorrect. The following patent agents are in good standing on the register of patent agents:	Les renseignements concernant la suppression des agents de brevets suivants du registre des agents de brevets, dans la Gazette du Bureau des brevets du 13 octobre 2020, étaient inexacts. Les agents de brevets suivants sont en règle dans le registre des agents des brevets :
LONG AND CAMERON	LONG AND CAMERON
METHOD LAW PROFESSIONAL CORPORATION	METHOD LAW PROFESSIONAL CORPORATION
MILLER THOMSON LLP LONDON	MILLER THOMSON LLP LONDON
MILLER THOMSON LLP TORONTO	MILLER THOMSON LLP TORONTO
MILLER THOMSON LLP VANCOUVER	MILLER THOMSON LLP VANCOUVER
MILLER THOMSON LLP WATERLOO	MILLER THOMSON LLP WATERLOO

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November 10, 2020

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10 novembre 2020

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[54] **THERAPEUTIC EPITOPES AND USES THEREOF**
[54] **EPITOPES THERAPEUTIQUES ET LEURS UTILISATIONS**
[72] ANDERSON, ROBERT PAUL, AU
[72] HILL, ADRIAN VIVIAN SINTON, GB
[72] JEWELL, DEREK PARRY, GB
[73] OXFORD UNIVERSITY INNOVATION LIMITED, GB
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[54] **SUSPENSION CULTURE OF HUMAN EMBRYONIC STEM CELLS**
[54] **CULTURE EN SUSPENSION DE CELLULES SOUCHES EMBRYONNAIRES HUMAINES**
[72] MANDALAM, RAMKUMAR, US
[72] LI, YAN, US
[72] NADEAU-DEMERS, ISABELLE, US
[73] ASTERIAS BIOTHERAPEUTICS, INC., US
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[25] EN
[54] **MCAM MODULATION AND USES THEREOF IN THE MANAGEMENT OF NEUROINFLAMMATORY CONDITIONS**
[54] **MODULATION DE MCAM ET SES UTILISATIONS DANS LA GESTION DES MALADIES NEUROINFLAMMATOIRES**
[72] PRAT, ALEXANDRE, CA
[72] TEROUZ, SIMONE, CA
[72] IFERGAN, IGAL, CA
[72] KEBIR, HANIA, CA
[72] CAYROL, ROMAIN, CA
[72] ARBOUR, NATHALIE, CA
[73] VAL-CHUM, LIMITED PARTNERSHIP, CA
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[54] **IMPLANTABLE ELECTRONIC DEVICES FOR DETECTING HYPOGLYCAEMIA USING EEG SIGNALS**
[54] **DISPOSITIFS ELECTRONIQUES IMPLANTABLES POUR LA DETECTION D'HYPOGLYCEMIE AU MOYEN DE SIGNAUX D'EEG**
[72] MADSEN, RASMUS ELSBORG, DK
[72] BECK-NIELSEN, HENNING, DK
[73] UNEEG MEDICAL A/S, DK
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[54] **LIGNEES CELLULAIRES AMELIOREES ET LEUR UTILISATION DANS LA BIODELIVRANCE DE CELLULES ENCAPSULEES**
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[73] BAYLOR RESEARCH INSTITUTE, US
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[54] **IMPROVED LIBRARY PREPARATION METHODS FOR FETAL ANEUPLOIDY DETECTION**
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[54] **PLATEFORME DE FABRICATION EVOLUTIVE POUR PURIFICATION DE VECTEURS VIRAUX ET VECTEURS VIRAUX AINSI PURIFIES UTILISABLES EN THERAPIE GENIQUE**
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[72] MCCABE, JOHN A., US
[72] NELSON, CHRIS, US
[72] ANDREWS, ROBERT E., US
[73] CURT G. JOA, INC., US
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[73] UTI LIMITED PARTNERSHIP, CA
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[72] RIVER, JUAN, US
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[54] **PROCEDE ET SYSTEME FONDES SUR LA SONIE PERMETTANT DE DETERMINER L'EMPLACEMENT RELATIF D'UN EVENEMENT ACOUSTIQUE LE LONG D'UN CANAL**
[72] HULL, JOHN, CA
[72] JALILIAN, SEYED EHSAN, CA
[72] CHEUK, PHILIP, CA
[73] HIFI ENGINEERING INC., CA
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[25] EN
[54] **HERBICIDAL COMPOSITIONS COMPRISING TOPRAMEZONE, PINOXADEN AND CLOQUINTOCET**
[54] **COMPOSITION HERBICIDE RENFERMANT DE LA TROPAMEZONE, DU PINOXADEN ET DU CLOQUINTOCET**
[72] ZAGAR, CYRILL, US
[72] VAN DER KLOET, ANDREE, DE
[73] BASF SE, DE
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[54] **DISPOSITIF DE PERFUSION SOUS-CUTANE**
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[72] SEARLE, GARY, US
[72] GUARRAIA, MARK, US
[72] GORDON, JOSEPH, US
[72] ZITNICK, DAVE, US
[72] MULLIGAN, SHARON, US
[72] SONDEREGGER, RALPH, US
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[72] HORVATH, JOSHUA, US
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[54] **SYSTEME D'IMAGERIE PAR RESONNANCE MAGNETIQUE POURVU DE MOYENS POUR ELIMINER LE MOUVEMENT D'UN OBJET TOUT EN ACQUERANT SON IMAGE**
[72] RAPOPORT, URI, IL
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[54] **METHOD OF DYNAMIC ALLOCATION OF SHARED RESOURCES IN A TIME-FREQUENCY PLAN AND ASSOCIATED DEVICE**
[54] **METHODE D'ALLOCATION DYNAMIQUE DE RESSOURCES PARTAGEES DANS UN PLAN TEMPS FREQUENCE ET DISPOSITIF ASSOCIE**
[72] BACQUET, PIERRE, FR
[72] DAYMAND, CHARLES, FR
[72] ARNAUD, MATHIEU, FR
[73] THALES, FR
[73] CENTRE NATIONAL D'ETUDES SPATIALES, FR
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[25] EN
[54] **COMBINATION COOKING OVEN WITH OPERATOR FRIENDLY HUMIDITY CONTROL**
[54] **FOUR A CUISSON COMBINEE DOTE D'UN CONTROLE DE L'HUMIDITE CONVIVIAL POUR L'OPERATEUR**
[72] SAGER, DAVID D., US
[73] PREMARK FEG L.L.C., US
[85] 2013-10-30
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[25] EN
[54] **MAGNETICALLY TRACKED SENSOR**
[54] **CAPTEUR A SUIVI MAGNETIQUE**
[72] ASHE, WESTLEY S., US
[73] ASCENSION TECHNOLOGY CORPORATION, US
[86] (2836019)
[87] (2836019)
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[54] **BIO-ORTHOGONAL DRUG ACTIVATION**
[54] **ACTIVATION D'UN MEDICAMENT BIO-ORTHOGONAL**
[72] ROBILLARD, MARC STEFAN, NL
[72] JANSSEN, HENRICUS MARIE, NL
[72] TEN HOEVE, WOLTER, NL
[72] VERSTEEGEN, RONNY MATHIEU, NL
[72] ROSSIN, RAFFAELLA, NL
[73] TAGWORKS PHARMACEUTICALS B.V., NL
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[30] EP (11166241.7) 2011-05-16
[30] EP (11166942.0) 2011-05-20
[30] EP (11176741.4) 2011-08-05
[30] US (61/515,432) 2011-08-05
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[51] **Int.Cl. A01D 45/00 (2018.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR HARVESTING POLLUTION FROM A BODY OF WATER**
[54] **PROCEDE ET APPAREIL POUR DEPOLLUER UN PLAN D'EAU**
[72] BILEY, JONATHAN K., CA
[73] DIXON, SHELLEY LESLIE, CA
[86] (2840478)
[87] (2840478)
[22] 2014-01-23
[30] CA (2805925) 2013-02-06
[30] US (61786452) 2013-03-15
[30] US (61817267) 2013-04-29
[30] US (61838336) 2013-06-23
[30] US (61845349) 2013-07-11
[30] US (61878028) 2013-09-15
[30] US (61879646) 2013-09-18
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[25] EN
[54] **SYSTEMS, COMPUTER MEDIUM AND COMPUTER-IMPLEMENTED METHODS FOR MONITORING HEALTH OF EMPLOYEES USING MOBILE DEVICES**
[54] **SYSTEMES, SUPPORT INFORMATIQUE ET PROCEDES INFORMATIQUES POUR SURVEILLER LA SANTE D'EMPLOYES A L'AIDE DE DISPOSITIFS MOBILES**
[72] HORSEMAN, SAMANTHA J., SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2013-12-31
[86] 2012-07-03 (PCT/US2012/045452)
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[30] US (61/504,638) 2011-07-05
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[54] **METHODS AND COMPOSITIONS FOR CONSUMABLES**
[54] **PROCEDES ET COMPOSITIONS POUR PRODUITS CONSOMMABLES**
[72] O'REILLY BROWN, PATRICK, US
[72] CASINO, MONTE, US
[72] VOCCOLA, LYNN S., US
[72] VARADAN, RANJANI, US
[73] IMPOSSIBLE FOODS INC., US
[85] 2014-01-10
[86] 2012-07-12 (PCT/US2012/046552)
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[25] EN
[54] **CURABLE COMPOSITIONS AND MEMBRANES**
[54] **COMPOSITIONS POLYMERISABLE ET MEMBRANES**
[72] VAN BERCHUM, BASTIAAN, NL
[72] VAN BAAK, WILLEM, NL
[72] HESSING, JACKO, NL
[73] FUJIFILM MANUFACTURING EUROPE BV, NL
[85] 2014-01-16
[86] 2012-07-05 (PCT/GB2012/051568)
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[51] **Int.Cl. C12N 15/82 (2006.01) C07K 14/325 (2006.01)**
[25] EN
[54] **AXMI205 VARIANT PROTEINS AND METHODS FOR THEIR USE**
[54] **PROTEINES VARIANTES D'AXMI205 ET PROCEDES POUR LEUR UTILISATION**
[72] HIENRICHS, VOLKER, US
[72] WILLIAMS, JAYME, US
[73] BASF AGRICULTURAL SOLUTIONS SEED US LLC, US
[85] 2014-01-20
[86] 2012-07-27 (PCT/US2012/048496)
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[13] C
[51] **Int.Cl. E01H 5/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR INSTALLING CUTTING EDGES ON V-BLADE PLOW**
[54] **PROCEDE ET APPAREIL POUR INSTALLER DES BORDS DE COUPE SUR UNE CHARRUE EN V**
[72] JONES, TYLER, US
[72] KAMINECKI, MATTHEW, US
[73] DOUGLAS DYNAMICS, L.L.C., US
[86] (2843990)
[87] (2843990)
[22] 2014-02-26
[30] US (13/777,480) 2013-02-26

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[51] **Int.Cl. C09K 3/10 (2006.01) B32B 3/08 (2006.01)**
[25] EN
[54] **INNER SEAL WITH A SUB TAB LAYER**
[54] **JOINT D'ETANCHEITE INTERNE A SOUS-COUCHE FORMANT UNE LANGUETTE**
[72] THORSTENSEN-WOLL, ROBERT WILLIAM, CA
[73] SELIG SEALING PRODUCTS, INC., US
[86] (2846164)
[87] (2846164)
[22] 2014-03-11
[30] US (61/791,788) 2013-03-15

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[51] **Int.Cl. A01N 59/16 (2006.01) A01N 25/22 (2006.01) A01P 1/00 (2006.01) C09D 5/14 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL IONOMER COMPOSITION COMPRISING POLY(ETHYLENEIMINE) AND A SILVER HALIDE**
[54] **COMPOSITIONS IONOMERES ANTIMICROBIENNES COMPRENANT DU POLYETHYLENIMINE ET UN HALOGENURE D'ARGENT**
[72] MAKI, MARKUS, FI
[72] NIEMINEN, JYRI, MT
[72] LAAKSONEN, HARRI, FI
[72] AREVA, SAMI, FI
[73] ARGENLAB GLOBAL LTD, MT
[85] 2014-02-21
[86] 2012-08-22 (PCT/FI2012/050803)
[87] (WO2013/026961)
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[51] **Int.Cl. E05B 65/44 (2006.01) A47B 88/40 (2017.01) E05B 65/46 (2017.01)**
[25] EN
[54] **CAMMED LEVER-ACTIVATED LOCKING SYSTEM**
[54] **MECANISME DE BLOCAGE ACTIVE PAR UN LEVIER A CAME**
[72] WESTWINKEL, FLORIAN, CA
[72] SABELLI, TONINO, CA
[73] 2603701 ONTARIO INC., CA
[86] (2847639)
[87] (2847639)
[22] 2014-03-27
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[25] EN
[54] **HYBRID SLAT ARMOR**
[54] **BLINDAGE A BARRES HYBRIDE**
[72] SHOSHAN, AMIR BEN, IL
[72] LAOR, AMIR, IL
[72] EYAL, SHAI, IL
[72] SHOWKEN, THOMAS, IL
[73] PLASAN SASA LTD., IL
[86] (2848668)
[87] (2848668)
[22] 2014-04-10
[30] IL (225826) 2013-04-18

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[25] EN
[54] **METHOD FOR THE SYNTHESIS OF 18F-LABELLED BIOMOLECULES**
[54] **PROCEDE DE SYNTHESE DE BIOMOLECULES MARQUEES AU 18F**
[72] BHALLA, RAJIV, AU
[72] WILSON, ANTHONY, GB
[72] KHAN, IMTIAZ, GB
[72] BROWN, JANE, GB
[73] GE HEALTHCARE LIMITED, GB
[85] 2014-04-09
[86] 2012-10-15 (PCT/EP2012/070400)
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[30] GB (1117786.2) 2011-10-14
[30] US (61/547,088) 2011-10-14

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[51] **Int.Cl. H02B 1/04 (2006.01) E04C 2/40 (2006.01)**
[25] EN
[54] **LOCKING ASSEMBLY FOR A PANEL BOARD DEVICE**
[54] **ENSEMBLE DE VERROUILLAGE POUR DISPOSITIF DE PANNEAU DE CONTROLE**
[72] WHIPPLE, MICHAEL JEROME, US
[73] EATON INTELLIGENT POWER LIMITED, IE
[86] (2852228)
[87] (2852228)
[22] 2014-05-16
[30] US (14/024,664) 2013-09-12

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[51] **Int.Cl. H01R 43/00 (2006.01) H02B 1/04 (2006.01) H02B 1/21 (2006.01)**
[25] EN
[54] **DECONTAMINATION DEVICE AND METHOD FOR REMOVING CONTAMINANTS FROM ELECTRICAL APPARATUS**
[54] **DISPOSITIF DE DECONTAMINATION ET PROCEDE POUR L'ELIMINATION DE CONTAMINANTS D'UN APPAREIL ELECTRIQUE**
[72] WHIPPLE, MICHAEL JEROME, US
[73] EATON INTELLIGENT POWER LIMITED, IE
[86] (2852256)
[87] (2852256)
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[25] EN
[54] **POWER STEALING IN ENERGY BUFFERED BUILDING CONTROL UNIT**
[54] **DETOURNEMENT D'ENERGIE DANS UNE UNITE DE COMMANDE DE BATIMENT A ACCUMULATION D'ENERGIE**
[72] WARREN, DANIEL ADAM, US
[72] FIENNES, HUGO, US
[72] DUTRA, JONATHAN ALAN, US
[72] BELL, DAVID, US
[72] FADELL, ANTHONY MICHAEL, US
[72] ROGERS, MATTHEW LEE, US
[72] SMITH, IAN C., US
[72] SATTERTHWAITE, EDWIN H., JR., US
[72] PALMER, JOSEPH E., US
[72] ERICKSON, GRANT M., US
[72] MUCIGNAT, ANDREA, US
[73] GOOGLE LLC, US
[85] 2014-04-22
[86] 2012-10-19 (PCT/US2012/061148)
[87] (WO2013/059684)
[30] US (61/627,996) 2011-10-21

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[51] **Int.Cl. C07C 49/707 (2006.01) A61K 31/122 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **CIS 3,4-DIHYDROXY-2-(3-METHYLBUTANOYL)-5-(3-METHYLBUTYL)-4-(4-METHYLPENTANOYL)CYCLOPENT-2-EN-1-ONE DERIVATIVES, SUBSTANTIALLY ENANTIOMERICALLY PURE COMPOSITIONS AND METHODS**
[54] **DERIVES DE CIS 3,4-DIHYDROXY-2-(3-METHYLBUTANOYL)-5-(3-METHYLBUTYL)-4-(4-METHYLPENTANOYL)CYCLOPENT-2-EN-1-ONE, COMPOSITIONS SUBSTANTIELLEMENT ENANTIOMERIQUEMENT PURES ET METHODES**
[72] CARROLL, BRIAN, US
[72] DARLAND, GARY, US
[72] DESAI, ANURADHA, US
[72] KONDA, VEERA, US
[72] DAHLBERG, CLINTON J., US
[72] URBAN, JAN, US
[73] KINDEX THERAPEUTICS, LLC, US
[73] CARROLL, BRIAN, US
[73] DARLAND, GARY, US
[73] DESAI, ANURADHA, US
[73] KONDA, VEERA, US
[73] DAHLBERG, CLINTON J., US
[73] URBAN, JAN, US
[85] 2014-04-29
[86] 2011-10-28 (PCT/US2011/058477)
[87] (WO2012/058649)
[30] US (61/408,572) 2010-10-30
[30] US (61/448,150) 2011-03-01
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[13] C
[51] **Int.Cl. H04L 12/22 (2006.01) H04W 12/08 (2009.01)**
[25] EN
[54] **MANAGING CROSS PERIMETER ACCESS**
[54] **GESTION DE L'ACCES CROISE A DES PERIMETRES**
[72] FERGUSON, GEORDON THOMAS, CA
[72] BENDER, CHRISTOPHER LYLE, CA
[72] SCHNEIDER, KENNETH CYRIL, CA
[72] WHITEHOUSE, OLIVER, GB
[72] HOBBS, CHRISTOPHER WILLIAM LEWIS, CA
[72] ZUBIRI, ALBERTO DANIEL, CA
[73] BLACKBERRY LIMITED, CA
[73] BLACKBERRY LIMITED, CA
[85] 2014-05-05
[86] 2012-11-09 (PCT/CA2012/050796)
[87] (WO2013/067644)
[30] EP (11188696.6) 2011-11-10

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[13] C
[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/04 (2006.01) A61N 1/32 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR RELIEVING PAIN USING TRANSCUTANEOUS ELECTRICAL NERVE STIMULATION**
[54] **APPAREIL ET PROCEDE POUR SOULAGER LA DOULEUR A L'AIDE D'UNE NEUROSTIMULATION ELECTRIQUE TRANSCUTANEE**
[72] GOZANI, SHAI N., US
[72] KONG, XUAN, US
[72] AGUIRRE, ANDRES, US
[72] HERB, GLENN, US
[72] CRYAN, MARC, US
[72] WILLIAMS, MICHAEL, US
[73] GSK CONSUMER HEALTHCARE S.A., CH
[85] 2014-05-07
[86] 2012-11-15 (PCT/US2012/065311)
[87] (WO2013/074809)
[30] US (61/560,029) 2011-11-15
[30] US (61/657,382) 2012-06-08

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[51] **Int.Cl. E21B 47/12 (2012.01)**
[25] EN
[54] **DOWNHOLE STRUCTURE SECTIONS**
[54] **SECTIONS DE STRUCTURE DE FOND DE PUITS**
[72] HUDSON, STEVEN MARTIN, GB
[73] EXPRO NORTH SEA LIMITED, GB
[85] 2014-05-08
[86] 2012-10-19 (PCT/GB2012/000802)
[87] (WO2013/068709)
[30] GB (1119572.4) 2011-11-11

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[13] C
[51] **Int.Cl. A01G 31/00 (2018.01) A01G 22/00 (2018.01)**
[25] EN
[54] **PLANT GROWTH SUBSTRATES**
[54] **SUBSTRATS DE CROISSANCE DE PLANTE**
[72] DE KUBBER, DAAN LOUIS, NL
[72] JANSSEN, FRANK HENDRIKUS PETER, NL
[73] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2014-05-15
[86] 2012-12-21 (PCT/EP2012/076813)
[87] (WO2013/093078)
[30] EP (11195443.4) 2011-12-22

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[13] C
[51] **Int.Cl. B05D 1/30 (2006.01) B05C 5/00 (2006.01) A23P 10/43 (2016.01)**
[25] EN
[54] **DEVICE FOR DOSING AN ADDITIVE SOLUTION**
[54] **DISPOSITIF DE DOSAGE D'UNE SOLUTION D'ADDITIF**
[72] BAKKENES, HENDRIKUS WILHELMUS, NL
[72] VAN LOTRINGEN, THEODORUS JOHANNES MARIA, NL
[73] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[85] 2014-05-27
[86] 2012-12-03 (PCT/EP2012/074188)
[87] (WO2013/083503)
[30] EP (11191843.9) 2011-12-05

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[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/00 (2006.01) A61K 31/4184 (2006.01) A61K 31/501 (2006.01) A61K 47/12 (2006.01)**
[25] EN
[54] **COMBINATION OF BENAZEPRIL HYDROCHLORIDE AND PIMOBENDAN**
[54] **COMBINAISON D'HYDROCHLORURE DE BENAZEPRILE ET DE PIMOBENDANE**
[72] GRMAS, JERNEJ, SI
[72] JERALA-STRUKELJ, ZDENKA, SI
[72] REVEN, SEBASTJAN, SI
[73] ELANCO TIERGESUNDHEIT AG, CH
[85] 2014-06-11
[86] 2012-12-19 (PCT/EP2012/076100)
[87] (WO2013/092673)
[30] EP (11195015.0) 2011-12-21
[30] EP (12185714.8) 2012-09-24

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[13] C
[51] **Int.Cl. B62D 35/00 (2006.01) B62D 35/02 (2006.01) B62D 37/02 (2006.01)**
[25] EN
[54] **SIDE SKIRT SYSTEM FOR REDUCING DRAG**
[54] **SYSTEME DE JUPE LATERALE POUR LA REDUCTION DE TRAINEE**
[72] BAKER, LEONARD W., US
[72] STINSON, M. SCOTT, US
[72] COURTNEY, MICHAEL J., US
[73] WABASH NATIONAL, L.P., US
[86] (2859148)
[87] (2859148)
[22] 2014-08-13
[30] US (61/866,220) 2013-08-15

[11] **2,860,008**
[13] C
[51] **Int.Cl. C07D 471/14 (2006.01) A61K 31/519 (2006.01) A61P 25/00 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **TETRAAZA-CYCLOPENTA[A]INDENYL AND THEIR USE AS POSITIVE ALLOSTERIC MODULATORS**
[54] **TETRAAZA-CYCLOPENTA[A]INDENYLE ET LEUR UTILISATION EN TANT QUE MODULATEURS ALLOSTERIQUES POSITIFS**
[72] SWINNEN, DOMINIQUE, BE
[72] MONTAGNE, CYRIL, FR
[72] POMEL, VINCENT, FR
[72] QUATTROPANI, ANNA, CH
[72] MOLETTE, JEROME, FR
[72] GERBER, PATRICK, CH
[73] MERCK PATENT GMBH, DE
[85] 2014-06-20
[86] 2012-11-30 (PCT/EP2012/004968)
[87] (WO2013/091773)
[30] EP (11195214.9) 2011-12-22
[30] US (61/578,931) 2011-12-22
[30] EP (12171415.8) 2012-06-11
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[13] C
[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/437 (2006.01) A61K 31/4725 (2006.01) A61P 3/10 (2006.01) C07D 401/06 (2006.01) C07D 403/06 (2006.01) C07D 405/06 (2006.01) C07D 413/06 (2006.01) C07D 417/12 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **CYCLIC AMIDE DERIVATIVES AS INHIBITORS OF 11-BETA-HYDROXYSTEROID DEHYDROGENASE AND USES THEREOF**
[54] **DERIVES D'AMIDE CYCLIQUES A UTILISER EN TANT QU'INHIBITEURS DE 11-BETA-HYDROXYSTEROIDE DESHYDROGENASE ET UTILISATIONS DE CEUX-CI**
[72] RAO, JAGANNATH, MADANAHALLI, RANGANATH, IN
[72] VENKATESHAM, UPPALA, IN
[72] GEORGE, JENSON, IN
[72] FERNAND, GEORGE, IN
[72] DOPPALAPUDI, SIVANAGESWARA, RAO, IN
[72] MADHAVAN, G. R., IN
[72] ARUMUGAM, NAGARAJAN, IN
[72] ANSARI, MOHAMMED, IN
[72] MURUGAVEL, K., IN
[72] PRADEEP, JIDUGU, IN
[72] ALLAVUDDEEN, SULTHAN, IN
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[72] PRASAD, HAMPELINGAIAH, SHIVA, IN
[72] RAJ, AUGUSTINE, MICHAEL, IN
[72] GNANAVEL, S., IN
[72] KOTTAMALAI, RAMAMOORTHY, IN
[72] BABU, NARESH, M.P.S., IN
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[73] CONNEXIOS LIFE SCIENCES PVT. LTD., IN
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[54] **1H-INDAZOLE-3-CARBOXAMIDE COMPOUNDS AS GLYCOGEN SYNTHASE KINASE 3 BETA INHIBITORS**
[54] **COMPOSES 1H-INDAZOLE-3-CARBOXAMIDE EN TANT QU'INHIBITEURS DE LA GLYCOGENE SYNTHASE KINASE 3 BETA**
[72] ALISI, MARIA ALESSANDRA, IT
[72] CAZZOLLA, NICOLA, IT
[72] DRAGONE, PATRIZIA, IT
[72] FURLOTTI, GUIDO, IT
[72] MAUGERI, CATERINA, IT
[72] OMBRATO, ROSELLA, IT
[72] MANCINI, FRANCESCA, IT
[73] AZIENDE CHIMICHE RIUNITE ANGELINI FRANCESCO A.C.R.A.F. S.P.A., IT
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[54] **IMPLANTS METALLIQUES POREUX COMPRENANT DU CIMENT OSSEUX**
[72] MONAGHAN, MATTHEW E., US
[72] HOEMAN, TIMOTHY A., US
[73] ZIMMER, INC., US
[85] 2014-07-07
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[54] **SYSTEME ET PROCEDE DE RESTAURATION D'IMAGE**
[72] BENAMEUR, SAID, CA
[72] LAVOIE, FREDERIC, CA
[73] EIFFEL MEDTECH INC., CA
[85] 2014-07-14
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[54] **COMPOSITION FROM LOBSTER HEMOCYTE EXTRACT FOR DETECTION OF LIPOPOLYSACCHARIDES, PEPTIDOGLYCANS AND 1,3-.BETA.-D-GLUCANS.**
[54] **COMPOSITION A BASE D'EXTRAIT D'HEMOCYTES DE HOMARD POUR LA DETECTION DE LIPOPOLYSACCHARIDES, DE PEPTIDOGLYCANES ET 1,3-.BETA.-D-GLUCANES**
[72] PERDOMO MORALES, ROLANDO, CU
[72] MONTERO ALEJO, VIVIAN, CU
[72] PERERA BRAVET, ERICK, CU
[72] CALERO CARBONELL, JORGE ERNESTO, CU
[72] PARDO RUIZ, ZENIA, CU
[72] PORTO VERDECIA, MARLENE, CU
[72] VEGA HURTADO, YAMILE, CU
[73] CENTRO DE INVESTIGACION Y DESARROLLO DE MEDICAMENTOS (CIDEM), CU
[73] UNIVERSIDAD DE LA HABANA, CU
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[54] **DEVICES, APPARATUS, KIT AND METHOD FOR TREATING A BIOLOGICAL SAMPLE**
[54] **DISPOSITIFS, APPAREIL, TROUSSE ET PROCEDE POUR TRAITER UN ECHANTILLON BIOLOGIQUE**
[72] CALANCA, ALEX, IT
[72] MEDORO, GIANNI, IT
[72] MANARESI, NICOLO, IT
[72] GIORGINI, GIUSEPPE, IT
[73] MENARINI SILICON BIOSYSTEMS S.P.A., IT
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[54] **SURVEILLANCE D'INFRASTRUCTURE DE RESEAU DE TRANSPORT**
[72] GODFREY, ALASTAIR, GB
[73] OPTASENSE HOLDINGS LIMITED, GB
[85] 2014-08-20
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[54] **FORMULATION CONCENTREE LIQUIDE CONTENANT UN INSECTICIDE A BASE DE PYRIPYROPENE DE FORMULE II**
[72] XU, WEN, US
[72] POHLMAN, MATTHIAS, DE
[73] BASF SE, DE
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[72] DE KUBBER, DAAN LOUIS, NL
[73] ROCKWOOL INTERNATIONAL A/S, DK
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[54] **CHIRURGIE D'IMPLANTATION GLENOIDE UTILISANT UNE INSTRUMENTATION SPECIFIQUE AU PATIENT**
[72] COUTURE, PIERRE, CA
[72] MERETTE, JEAN-SEBASTIEN, CA
[72] RICHARD, ALAIN, CA
[72] ABIVEN, JEAN-GUILLAUME, CA
[72] GOURGON, THOMAS, CA
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[54] **SYSTEME ET PROCEDE DE RECHERCHE INCREMENTALE DE RESULTATS DESIRES UTILISANT UN CLAVIER AMBIGUE DONT LES ENTREES COMPORTENT DES ERREURS ORTHOGRAPHIQUES ET TYPOGRAPHIQUES**
[72] GARG, PANKAJ, IN
[72] VENKATARAMAN, SASHIKUMAR, IN
[72] RAJPUROHIT, GOPAL MISHRIMALJI, IN
[73] VEVEO, INC., US
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[72] DELOUBES, MATHIEU, FR
[73] SOGECLAIR S.A., FR
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[54] **PROCEDE D'ISOLATION DE POLYPEPTIDES SOLUBLES**
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[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[54] **PROCEDE D'ISOLATION DE POLYPEPTIDES SOLUBLES**
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[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[54] **SYSTEMES, PROCEDES ET APPAREILS PERMETTANT DE SECURISER DES CERTIFICATS RACINE**
[72] IGNATCHENKO, SERGEY, AT
[72] IVANCHYKHIN, DMYTRO, UA
[73] OLOGN TECHNOLOGIES AG, LI
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[54] **ENSEMBLE AMORTISSEUR**
[72] VATOVEC, ANDRAZ, GB
[72] SCHMIDT, KYLE, GB
[73] SAFRAN LANDING SYSTEMS UK LIMITED, GB
[86] (2877978)
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[22] 2015-01-15
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[54] **TRAITEMENT DE TRANSACTION EN NUAGE**
[72] SWEITZER, JASON ADLEY, US
[72] HUNSBERGER, BENJAMIN ALLEN, US
[72] JURICK, KYLE JOSEPH, US
[73] TEMPUS TECHNOLOGIES, INC., US
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[54] **REFINEMENT OF OILS USING GREEN TEA EXTRACT ANTIOXIDANTS**
[54] **RAFFINAGE D'HUILES A L'AIDE D'ANTIOXYDANTS A BASE D'EXTRAIT DE THE VERT**
[72] INDRASENA, WEERASINGHE M., CA
[73] DSM NUTRITIONAL PRODUCTS AG, US
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[54] **KIT DE TEST POUR LA DETERMINATION QUANTITATIVE DE STUPEFIANTS**
[72] KARLSEN, MORTEN SALIHI, NO
[72] LIU, HUILING, NO
[72] JOHANSEN, JON EIGILL, NO
[73] CHIRON AS, NO
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[86] 2013-07-19 (PCT/EP2013/065323)
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[54] **METHOD FOR PRODUCING MULTILAYER SUBMICRON PARTICLES BY LASER PYROLYSIS**
[54] **PROCEDE DE FABRICATION PAR PYROLYSE LASER DE PARTICULES SUBMICRONIQUES MULTICOUCHES**
[72] TENEGAL, FRANCOIS, FR
[73] NANOMAKERS, FR
[85] 2015-01-09
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[54] **METHOD OF PROVIDING PROTECTIVE IMMUNITY AGAINST HETEROLOGOUS LEPTOSPIRA STRAINS**
[54] **PROCEDE DE FOURNITURE D'UNE IMMUNITE PROTECTRICE CONTRE DES SOUCHES HETEROLOGUES DE LEPTOSPIRA**
[72] PARDO, MARIA CAMILA, US
[73] BOEHRINGER INGELHEIM ANIMAL HEALTH USA INC., US
[85] 2015-01-13
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[72] MORRISROE, PETER, US
[73] PERKINELMER HEALTH SCIENCES, INC., US
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[54] **METHOD AND SYSTEM FOR NON-INVASIVELY MONITORING BIOLOGICAL OR BIOCHEMICAL PARAMETERS OF INDIVIDUAL**
[54] **PROCEDE ET SYSTEME POUR LA SURVEILLANCE NON INVASIVE DE PARAMETRES BIOLOGIQUES OU BIOCHIMIQUES D'UN INDIVIDU**
[72] ZALEVSKY, ZEEV, IL
[72] GARCIA, JAVIER, ES
[72] BEIDERMAN, YEVGENY, IL
[72] MARGALIT, ISRAEL, IL
[72] OZANA, NISIM NISAN, IL
[72] ARBEL, NADAV, IL
[72] MICO, VICENTE, ES
[72] SANZ SABATER, MARTIN, ES
[72] SHAHMOON, ASAF, IL
[73] BAR-ILAN UNIVERSITY, IL
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[54] **DIRECT BROADCAST ALERT APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE D'ALERTE DE RADIODIFFUSION DIRECTE**
[72] FATTORI MARTEGANI, PIERMARCO, IT
[73] AVIOSONIC SPACE TECH SRLS, IT
[85] 2015-01-30
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[54] **COMPOSITION DE POLYMERES POUR L'INHIBITION DE LA FORMATION DE DEPOTS INORGANIQUES ET/OU ORGANIQUES AU SEIN DE FORMATIONS SOUTERRAINES**
[72] LABARRE, DOMINIQUE, FR
[72] WILSON, JAMES, FR
[73] RHODIA OPERATIONS, FR
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[25] EN
[54] **METHOD AND APPARATUS FOR ANALYZING BIOMOLECULES USING RAMAN SPECTROSCOPY**
[54] **PROCEDE ET DISPOSITIF POUR ANALYSE BIOMOLECULAIRE UTILISANT UNE SPECTROSCOPIE RAMAN**
[72] SODEOKA, MIKIKO, JP
[72] ANDO, JUN, JP
[72] ASANUMA, MIWAKO, JP
[72] DODO, KOSUKE, JP
[72] FUJITA, KATSUMASA, JP
[73] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP
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[54] **METHOD FOR PRODUCING A COMPONENT**
[54] **METHODE DE PRODUCTION D'UN COMPOSANT**
[72] VILLAIN-CHASTRE, JEAN-PHILLIPE, GB
[72] FORGEOUX, GERMAIN, GB
[72] GROCHOLA, PRZEMYSLAW, GB
[72] FOSTER, NICHOLAS, GB
[73] SAFRAN LANDING SYSTEMS UK LIMITED, GB
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[72] SUN, YINGUI, CN
[73] SUN, YINGUI, CN
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[54] **ANTICORPS MONOCLONAUX POUR L'UTILISATION DANS LE DIAGNOSTIC ET LA THERAPIE DE CANCERS ET D'UNE MALADIE AUTO-IMMUNE**
[72] MOLLDREM, JEFFREY, US
[72] SERGEEVA, ANNA, US
[73] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2015-01-08
[86] 2013-07-03 (PCT/US2013/049368)
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[54] **NOOTROPIC COMPOSITIONS FOR IMPROVING MEMORY PERFORMANCE**
[54] **COMPOSITIONS NOOTROPIQUES POUR AMELIORER LES PERFORMANCES DE MEMOIRE**
[72] COHEN, DANIEL, FR
[72] NABIROCHKIN, SERGUEI, FR
[72] CHUMAKOV, ILYA, FR
[73] PHARNEXT, FR
[85] 2015-02-27
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[51] **Int.Cl. C08B 37/08 (2006.01) A61K 47/36 (2006.01)**
[25] EN
[54] **HYALURONIC ACID DERIVATIVE HAVING AMINO ACID AND STERYL GROUP INTRODUCED THEREINTO**
[54] **DERIVE D'ACIDE HYALURONIQUE AYANT UN GROUPE STERYLE D'ACIDES AMINES INTRODUIT DANS CELUI-CI**
[72] NAKAI, TAKASHI, JP
[72] YASUGI, TOMOKO, JP
[72] TAMPO, YOSHIHIRO, JP
[72] YASUGI, KENJI, JP
[72] SHIMOBOJI, TSUYOSHI, JP
[73] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
[85] 2015-03-04
[86] 2013-09-05 (PCT/JP2013/073995)
[87] (WO2014/038641)
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[51] **Int.Cl. E04B 7/00 (2006.01) E04G 21/32 (2006.01)**
[25] EN
[54] **COVERED FLANGE BRACE AND FLANGE BRACE COVER**
[54] **SUPPORT DE BRIDE RECOUVERT ET RECOUVREMENT DE SUPPORT DE BRIDE**
[72] POINTS, CALVIN R., US
[72] PENDLEY, TIMOTHY, US
[72] MCLAIN, MICHAEL J., US
[73] BAY INDUSTRIES INC., US
[86] (2884616)
[87] (2884616)
[22] 2015-03-11
[30] US (61/951,505) 2014-03-11
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[25] EN
[54] **N-PROP-2-YNYL CARBOXAMIDE DERIVATIVES AND THEIR USE AS TRPA1 ANTAGONISTS**
[54] **DERIVES DE N-PROP-2-YNYL-CARBOXAMIDE ET LEUR UTILISATION A TITRE D'ANTAGONISTES DE TRPA1**
[72] ARVELA, RIINA, FI
[72] HEIKKINEN, TERHI, FI
[72] HOLM, PATRIK, FI
[72] PRUSIS, PETERIS, FI
[72] ROSLUND, MATTIAS, FI
[72] SALO, HARRI, FI
[73] ORION CORPORATION, FI
[85] 2015-03-13
[86] 2013-09-30 (PCT/FI2013/000034)
[87] (WO2014/053694)
[30] US (61/708330) 2012-10-01

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[51] **Int.Cl. G01N 21/35 (2014.01) G01N 33/24 (2006.01)**
[25] EN
[54] **MULTI-SENSOR ANALYSIS OF COMPLEX GEOLOGIC MATERIALS**
[54] **ANALYSE MULTICAPTEUR DE MATIERES GEOLOGIQUES COMPLEXES**
[72] SHILEY, DANIEL A., US
[72] CURTISS, BRIAN, US
[73] MALVERN PANALYTICAL INC., US
[85] 2015-03-17
[86] 2013-09-26 (PCT/US2013/062044)
[87] (WO2014/052673)
[30] US (61/705,760) 2012-09-26

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[51] **Int.Cl. A61K 47/36 (2006.01) A61K 9/00 (2006.01) A61K 31/485 (2006.01)**
[25] EN
[54] **ABUSE DETERRENT PHARMACEUTICAL COMPOSITION COMPRISING KONJAC GLUCOMANNAN**
[54] **COMPOSITION PHARMACEUTIQUE DE DISSUASION D'ABUS COMPRENANT DU KONJAC GLUCOMANNAN**
[72] BHANDARI, KRISHNA HARI, CA
[72] TALWAR, NARESH, CA
[73] PHARMASCIENCE INC., CA
[85] 2015-03-20
[86] 2013-09-30 (PCT/CA2013/000835)
[87] (WO2014/047731)
[30] CA (2,791,206) 2012-09-28

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[51] **Int.Cl. C07D 239/91 (2006.01) A61K 31/517 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 401/10 (2006.01) C07D 403/10 (2006.01) C07D 417/10 (2006.01)**
[25] EN
[54] **QUINAZOLINONE DERIVATIVES AS PARP INHIBITORS**
[54] **DERIVES DE QUINAZOLINONE COMME INHIBITEURS DE PARP**
[72] DORSCH, DIETER, DE
[72] BUCHSTALLER, HANS-PETER, DE
[73] MERCK PATENT GMBH, DE
[85] 2015-03-24
[86] 2013-08-27 (PCT/EP2013/002577)
[87] (WO2014/048532)
[30] EP (12006707.9) 2012-09-26

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[13] C
[51] **Int.Cl. C04B 35/64 (2006.01) F01D 5/14 (2006.01)**
[25] FR
[54] **PART CONSISTING OF A CERAMIC MATERIAL, COMPRISING A BASE AND A WALL**
[54] **PIECE EN MATERIAU CERAMIQUE AVEC UNE BASE ET UN VOILE**
[72] PODGORSKI, MICHAEL, FR
[72] MOLLIEX, LUDOVIC EDMOND CAMILLE, FR
[73] SNECMA, FR
[85] 2015-04-09
[86] 2013-10-16 (PCT/FR2013/052470)
[87] (WO2014/060699)
[30] FR (1259964) 2012-10-18

[11] **2,888,119**
[13] C
[51] **Int.Cl. B32B 3/30 (2006.01) A47C 27/14 (2006.01) A47C 27/15 (2006.01) B32B 5/18 (2006.01) B32B 37/14 (2006.01) B68G 5/02 (2006.01)**
[25] EN
[54] **MULTI-LAYERED CONVOLUTED FOAM LAYER**
[54] **COUCHE DE MOUSSE A CONVOLUTIONS MULTICOUCHE**
[72] CHUNGLO, CHRISTOPHER F., US
[73] DREAMWELL, LTD., US
[85] 2015-04-10
[86] 2013-10-14 (PCT/US2013/064775)
[87] (WO2014/066078)
[30] US (13/657,130) 2012-10-22

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[13] C
[51] **Int.Cl. D04H 1/425 (2012.01) D04H 1/4266 (2012.01) D04H 1/552 (2012.01) D04H 1/732 (2012.01) D21H 17/07 (2006.01) D21H 17/14 (2006.01) D21H 17/15 (2006.01) D21H 17/24 (2006.01) D21H 17/25 (2006.01) D21H 17/28 (2006.01) D21H 21/14 (2006.01)**
[25] EN
[54] **CROSSLINKING/FUNCTIONALIZATION SYSTEM FOR A PAPER OR NON-WOVEN WEB**
[54] **SYSTEME DE RETICULATION/DE FONCTIONNALISATION POUR BANDE DE PAPIER OU BANDE NON TISSEE**
[72] SEGER, BERND, DE
[72] KUHN, JORG, DE
[73] GLATFELTER GERNSBACH GMBH, DE
[85] 2015-05-04
[86] 2014-01-07 (PCT/EP2014/050152)
[87] (WO2014/117964)
[30] EP (13153483.6) 2013-01-31

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[13] C
[51] **Int.Cl. B23P 15/02 (2006.01) F01D 5/14 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR MANUFACTURING TURBINE BLADES**
[54] **PROCEDE ET DISPOSITIF DE FABRICATION D'AUBES DE TURBINES**
[72] DE PONNAT, ARNAUD, FR
[72] MARTIN, OLIVIER, FR
[73] MECACHROME FRANCE, FR
[85] 2015-05-04
[86] 2013-11-08 (PCT/FR2013/052695)
[87] (WO2014/072661)
[30] FR (1260682) 2012-11-09
[30] FR (1300071) 2013-01-15

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[51] **Int.Cl. C08G 59/32 (2006.01) C08G 59/40 (2006.01) C08L 63/00 (2006.01) C08L 77/00 (2006.01)**
[25] EN
[54] **THERMOSET RESIN COMPOSITE MATERIALS COMPRISING INTER-LAMINAR TOUGHENING PARTICLES**
[54] **MATERIAUX COMPOSITES A BASE DE RESINE THERMODURCIE COMPRENANT DES PARTICULES DE DURCISSEMENT INTERLAMINAIRE**
[72] AERTS, VINCENT J.J.G., GB
[72] BONNEAU, MARK, US
[72] ELDER, JUDITH, GB
[72] FRULLONI, EMILIANO, GB
[72] GRIFFIN, JAMES MARTIN, US
[73] CYTEC INDUSTRIES INC., US
[85] 2015-05-13
[86] 2013-11-01 (PCT/US2013/067966)
[87] (WO2014/078095)
[30] US (61/726,596) 2012-11-15

[11] **2,891,390**
[13] C
[51] **Int.Cl. B01D 57/02 (2006.01) B01D 61/56 (2006.01)**
[25] EN
[54] **CAPACITIVE ELECTROKINETIC DEWATERING OF SUSPENSIONS AND SOILS**
[54] **DESHYDRATATION ELECTROCINETIQUE CAPACITIVE DE SUSPENSIONS ET DE SALISSURES**
[72] YAZDANBOD, AZAROGHLY, CA
[73] IONIC SOLUTIONS LTD., US
[85] 2015-05-13
[86] 2013-11-13 (PCT/US2013/069858)
[87] (WO2014/078390)
[30] US (61/725,742) 2012-11-13

[11] **2,892,084**
[13] C
[51] **Int.Cl. A61K 31/122 (2006.01) A61K 36/07 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING NEURODEGENERATIVE DISEASES**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE MALADIES NEURODEGENERATIVES**
[72] LIU, SHENG-YUNG, TW
[72] WEN, WU-CHE, TW
[72] CHEN, CHIH-MING, TW
[73] GOLDEN BIOTECHNOLOGY CORPORATION, US
[85] 2015-05-20
[86] 2013-11-18 (PCT/US2013/070625)
[87] (WO2014/081675)
[30] US (61/729,295) 2012-11-21

[11] **2,892,889**
[13] C
[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **SCALING COMPUTING CLUSTERS**
[54] **MISE A L'ECHELLE DE GRAPPES INFORMATIQUES DANS UN SYSTEME INFORMATIQUE DISTRIBUE**
[72] MALLIPEDDI, VENKATA HARISH, US
[72] SURNA, ALEKSANDRAS, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2015-05-25
[86] 2013-11-26 (PCT/US2013/071783)
[87] (WO2014/082052)
[30] US (13/685,649) 2012-11-26

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[13] C
[51] **Int.Cl. A61K 31/137 (2006.01) A61P 25/00 (2006.01) A61P 25/24 (2006.01)**
[25] EN
[54] **D-METHADONE FOR THE TREATMENT OF PSYCHIATRIC SYMPTOMS**
[54] **D- METHADONE POUR LE TRAITEMENT DE SYMPTOMES PSYCHIATRIQUES**
[72] INTURRISI, CHARLES E., US
[72] MANFREDI, PAOLO L., US
[73] INTURRISI, CHARLES E., US
[73] MANFREDI, PAOLO, US
[85] 2015-05-26
[86] 2013-09-25 (PCT/US2013/061639)
[87] (WO2014/052427)
[30] US (61/706,178) 2012-09-27
[30] US (13/803,375) 2013-03-14

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[13] C
[51] **Int.Cl. E04B 9/06 (2006.01)**
[25] EN
[54] **BAR OF A SUPPORT STRUCTURE FOR A FALSE CEILING AND WORKING PROCESS FOR WORKING THE BAR**
[54] **BARRE DE STRUCTURE DE SUPPORT POUR FAUX-PLAFOND ET PROCEDE DE TRAITEMENT POUR TRAVAILLER LA BARRE**
[72] CIPRIANI, GIUSEPPE, IT
[73] CIPRIANI, GIUSEPPE, IT
[85] 2015-06-02
[86] 2014-03-07 (PCT/IB2014/059532)
[87] (WO2014/136096)
[30] IT (VR2013A000058) 2013-03-08

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[51] **Int.Cl. C23C 22/34 (2006.01) B05D 7/14 (2006.01) B05D 7/16 (2006.01) C23C 22/74 (2006.01) C23C 22/83 (2006.01) C25D 13/20 (2006.01)**
[25] EN
[54] **AQUEOUS AGENT AND COATING METHOD FOR THE ANTICORROSIVE TREATMENT OF METALLIC SUBSTRATES**
[54] **AGENT AQUEUX ET PROCEDE DE REVETEMENT DE SUBSTRATS METALLIQUES POUR LES PROTEGER DE LA CORROSION**
[72] SONDERMANN, THOMAS, DE
[72] STRAHL, CHRISTOPH, DE
[72] KIMPEL, MATTHIAS, DE
[72] LOSTAK, THOMAS, DE
[73] THYSSENKRUPP STEEL EUROPE AG, DE
[85] 2015-06-09
[86] 2013-12-09 (PCT/EP2013/075967)
[87] (WO2014/090752)
[30] EP (12196521.4) 2012-12-11

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[51] **Int.Cl. G01N 29/04 (2006.01) G01N 29/07 (2006.01)**
[25] FR
[54] **METHOD FOR CHARACTERISING A PART MADE OF A COMPOSITE MATERIAL**
[54] **PROCEDE DE CARACTERISATION D'UNE PIECE EN MATERIAU COMPOSITE**
[72] CHATELLIER, JEAN-YVES FRANCOIS ROGER, FR
[72] BROUSSAIS-COLELLA, NICOLAS, FR
[72] DUVAL, JEREMY, FR
[72] MARQUIS, JEREMY NICOLAS, FR
[72] MEYER, ANNE, FR
[73] SNECMA, FR
[85] 2015-06-10
[86] 2013-12-06 (PCT/FR2013/052985)
[87] (WO2014/096617)
[30] FR (1262155) 2012-12-17

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[13] C
[51] **Int.Cl. A61C 8/00 (2006.01) A61B 17/86 (2006.01) A61F 2/28 (2006.01)**
[25] EN
[54] **CONDENSING IMPLANT**
[54] **IMPLANT CONDENSEUR**
[72] HUWAIS, SALAH, US
[73] HUWAIS IP HOLDING LLC, US
[85] 2015-06-10
[86] 2013-12-11 (PCT/US2013/074384)
[87] (WO2014/093487)
[30] US (61/735,558) 2012-12-11

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[13] C
[51] **Int.Cl. F41H 7/02 (2006.01) B60R 21/16 (2006.01) F41H 5/20 (2006.01) F41A 23/24 (2006.01)**
[25] EN
[54] **TURRET AIR BAGS**
[54] **COUSSINS GONFLABLES DE TOURELLE**
[72] PALMER, PAUL A., US
[72] HANSEN, ANDREW R., US
[72] DOBRISKI, JOSEF S., US
[73] TENCATE ADVANCED ARMOR DESIGN, INC., US
[85] 2015-06-10
[86] 2014-02-14 (PCT/US2014/016446)
[87] (WO2014/149272)
[30] US (61/850,405) 2013-02-14

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[13] C
[51] **Int.Cl. E21B 43/00 (2006.01) E21B 7/24 (2006.01) E21B 28/00 (2006.01)**
[25] FR
[54] **ELECTRICAL DEVICE FOR WELL STIMULATION**
[54] **DISPOSITIF ELECTRIQUE DE STIMULATION DE PUITS**
[72] DELCHAMBRE, MICHAEL, FR
[72] FERIOL, LAURENT, FR
[72] INNOCENTI, NICOLAS, FR
[72] MINAKATA, JESUS, CA
[72] MONCHO, SALVADOR, FR
[73] ENE29 S.AR.L., LU
[85] 2015-06-16
[86] 2013-12-06 (PCT/EP2013/075792)
[87] (WO2014/086969)
[30] FR (1261804) 2012-12-07

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[13] C
[51] **Int.Cl. G01V 3/18 (2006.01) G01V 3/26 (2006.01)**
[25] EN
[54] **DETERMINATION OF TRUE FORMATION RESISTIVITY**
[54] **DETERMINATION DE LA RESISTIVITE REELLE D'UNE FORMATION**
[72] WU, HSU-HSIANG, US
[72] BITTAR, MICHAEL S., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-06-18
[86] 2013-01-30 (PCT/US2013/023826)
[87] (WO2014/120150)

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[51] **Int.Cl. G06K 9/80 (2006.01) G06K 9/62 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DATA EXTRACTION AND SEARCHING**
[54] **SYSTEME ET PROCEDE POUR EXTRACTION ET RECHERCHE DE DONNEES**
[72] POWELL, CALVIN, US
[72] RUBIO, CHRIS, US
[72] KHAN, RAZA, US
[73] FIRST AMERICAN FINANCIAL CORPORATION, US
[86] (2895917)
[87] (2895917)
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[30] US (14/319,790) 2014-06-30

[11] **2,896,056**
[13] C
[51] **Int.Cl. C07D 519/00 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61K 31/55 (2006.01) A61P 25/00 (2006.01) A61P 25/16 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **HETEROBICYCLO-SUBSTITUTED-[1,2,4]TRIAZOLO[1,5-C]QUINAZOLIN-5-AMINE COMPOUNDS WITH A2A ANTAGONIST PROPERTIES**
[54] **COMPOSES [1,2,4]TRIAZOLO[1,5-C]QUINAZOLIN-5-AMINES A SUBSTITUTION HETEROBICYCLIQUE AYANT DES PROPRIETES D'ANTAGONISTES DU RECEPTEUR A2A**
[72] ALI, AMJAD, US
[72] LO, MICHAEL MAN-CHU, US
[72] LIM, YEON-HEE, US
[72] STAMFORD, ANDREW, US
[72] KUANG, RONGZE, US
[72] TEMPEST, PAUL, CN
[72] YU, YOUNONG, US
[72] HUANG, XIANHAI, US
[72] HENDERSON, TIMOTHY J., US
[72] KIM, JAE-HUN, US
[72] BOYCE, CHRISTOPHER, US
[72] TING, PAULINE, US
[72] ZHENG, JUNYING, US
[72] METZGER, EDWARD, US
[72] ZORN, NICOLAS, US
[72] XIAO, DONG, US
[72] GALLO, GIOCONDA V., US
[72] WON, WALTER, US
[72] WU, HEPING, US
[72] DENG, QIAOLIN, US
[73] MERCK SHARP & DOHME CORP., US
[85] 2015-06-19
[86] 2013-12-20 (PCT/US2013/076781)
[87] (WO2014/105666)
[30] CN (PCT/CN2012/087865) 2012-12-28
[30] CN (PCT/CN2013/076853) 2013-06-06

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[13] C
[51] **Int.Cl. G10L 21/038 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF PERFORMING NOISE MODULATION AND GAIN ADJUSTMENT**
[54] **SYSTEMES ET PROCEDES D'EXECUTION D'UNE MODULATION DE BRUIT ET D'UN REGLAGE DE PUISSANCE**
[72] ATTI, VENKATRAMAN SRINIVASA, US
[72] KRISHNAN, VENKATESH, US
[73] QUALCOMM INCORPORATED, US
[85] 2015-06-30
[86] 2013-08-29 (PCT/US2013/057368)
[87] (WO2014/123585)
[30] US (61/762,810) 2013-02-08
[30] US (14/012,749) 2013-08-28

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[13] C
[51] **Int.Cl. C12Q 1/6869 (2018.01) C12Q 1/6806 (2018.01) C12N 15/10 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR NUCLEIC ACID SEQUENCING**
[54] **PROCEDES ET COMPOSITIONS POUR LE SEQUENCAGE D'ACIDE NUCLEIQUE**
[72] STEEMERS, FRANK, US
[72] AMINI, SASAN, US
[72] GUNDERSON, KEVIN, US
[72] PIGNATELLI, NATASHA, US
[72] GORYSHIN, IGOR, US
[73] ILLUMINA, INC., US
[85] 2015-07-16
[86] 2013-03-13 (PCT/US2013/031023)
[87] (WO2014/142850)

[11] **2,899,153**
[13] C
[51] **Int.Cl. A01G 25/16 (2006.01) A01G 31/02 (2006.01) G01N 27/22 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR MEASURING PLANT GROWTH CONDITIONS**
[54] **DISPOSITIF ET PROCEDE POUR MESURER LES CONDITIONS DE CROISSANCE DE PLANTES**
[72] DE GROOT, JACOB FRANK, NL
[73] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2015-07-23
[86] 2014-02-07 (PCT/EP2014/052475)
[87] (WO2014/122284)
[30] EP (13154643.4) 2013-02-08
[30] GB (1311343.6) 2013-06-26

[11] **2,899,338**
[13] C
[51] **Int.Cl. C11C 5/00 (2006.01)**
[25] EN
[54] **WAX COMPOSITIONS AND THE EFFECT OF METALS ON BURN RATES**
[54] **COMPOSITIONS DE CIRE ET EFFET DE METAUX SUR DES TAUX DE COMBUSTION**
[72] MURPHY, TIMOTHY A., US
[72] GROCE, JAMES THOMAS, US
[73] CARGILL, INCORPORATED, US
[85] 2015-07-24
[86] 2014-02-13 (PCT/US2014/016183)
[87] (WO2014/127092)
[30] US (61/765,753) 2013-02-17

[11] **2,899,562**
[13] C
[51] **Int.Cl. B23D 37/00 (2006.01) B23D 43/02 (2006.01)**
[25] FR
[54] **BROACH AND METHOD FOR BROACHING SLOTS FOR PARTS SUCH AS TURBINE ROTOR DISKS OR TURBOMACHINE COMPRESSOR DISKS**
[54] **BROCHE ET PROCEDE DE BROCHAGE D'ALVEOLES POUR DES PIECES TELLES QUE DES DISQUES DE ROTOR DE TURBINE OU DES DISQUES DE COMPRESSEUR DE TURBOMACHINE**
[72] MANDRILE, SEBASTIEN, FR
[72] CAZENAVE-LARROCHE, GILLES, FR
[72] VERNAULT, CYRIL, FR
[72] DESSEIN, GILLES, FR
[72] DENAPE, JEAN, FR
[72] PARIS, JEAN-YVES, FR
[73] TURBOMECA, FR
[85] 2015-07-28
[86] 2014-01-27 (PCT/FR2014/050144)
[87] (WO2014/118459)
[30] FR (1350893) 2013-02-01

[11] **2,900,808**
[13] C
[51] **Int.Cl. E01B 9/46 (2006.01)**
[25] EN
[54] **ADJUSTABLE RAIL FASTENING ASSEMBLY**
[54] **ENSEMBLE FIXATION DE RAIL REGLABLE**
[72] AWI ABALO, BOLOM, BE
[72] LENS, MICHEL, BE
[73] HF HOLDING SA, BE
[85] 2015-08-10
[86] 2014-02-11 (PCT/EP2014/052643)
[87] (WO2014/124935)
[30] EP (13154986.7) 2013-02-12

[11] **2,901,135**
[13] C
[51] **Int.Cl. B65D 35/44 (2006.01)**
[25] EN
[54] **A FLEXIBLE PACKAGE HAVING A RECYCLABLE CLOSURE AND A METHOD OF CONFIGURING SAID PACKAGE FOR RECYCLING**
[54] **UN EMBALLAGE SOUPLE COMPORTANT UNE FERMETURE RECYCLABLE ET UNE METHODE DE CONFIGURATION DUDIT EMBALLAGE EN VUE DU RECYCLAGE**
[72] BOLHOUS, MARY K., US
[72] ZIOLKOWSKI, THOMAS G., US
[72] ROESSLER, THOMAS H., US
[73] CHARTER NEX FILMS, INC., US
[86] (2901135)
[87] (2901135)
[22] 2015-08-20
[30] US (62/039,589) 2014-08-20
[30] US (14/829,707) 2015-08-19

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[51] **Int.Cl. A61F 2/91 (2013.01) A61L 27/04 (2006.01)**
[25] EN
[54] **MONOLITHIC MEDICAL DEVICES, METHODS OF MAKING AND USING THE SAME**
[54] **DISPOSITIFS MEDICAUX MONOLITHIQUES, DES PROCEDES DE FABRICATION ET D'UTILISATION DE CEUX-CI**
[72] POOR, MICHAEL, US
[72] GARZA, ARMANDO, US
[72] CARPENTER, SCOTT, US
[72] PALMAZ, JULIO C., US
[73] VACTRONIX SCIENTIFIC, LLC, US
[85] 2015-09-10
[86] 2014-03-14 (PCT/US2014/029370)
[87] (WO2014/153162)
[30] US (61/783,330) 2013-03-14
[30] US (61/788,767) 2013-03-15

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[51] **Int.Cl. A01N 25/02 (2006.01) A01N 27/00 (2006.01) A01N 29/10 (2006.01) A01N 31/08 (2006.01) A01N 33/10 (2006.01) A01N 35/10 (2006.01) A01P 13/02 (2006.01)**
[25] EN
[54] **SUSPOEMULSION OF FOMESAFEN AND FLUTHIACET-METHYL**
[54] **SUSPOEMULSION DE FOMESAFENE ET DE FLUTHIACET-METHYLE**
[72] MARTIN, TIMOTHY, US
[72] SHARMA, SHIV D., US
[72] SHINN, SANDRA L., US
[73] FMC CORPORATION, US
[85] 2015-09-18
[86] 2013-06-12 (PCT/US2013/045379)
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[30] US (61/807,817) 2013-04-03

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[51] **Int.Cl. G06F 8/41 (2018.01) G06F 9/451 (2018.01) G06F 40/18 (2020.01)**
[25] EN
[54] **COMPILATION OF TRANSFORMATION IN RECALCULATION USER INTERFACE**
[54] **COMPILATION DE TRANSFORMATION DANS UNE INTERFACE UTILISATEUR DE RECALCUL**
[72] REDDISH, ANDREW DOUGLAS, US
[72] COLLE, OLIVIER, US
[72] GRUIAN, RADU B., US
[72] ANUAR, NIZAM, US
[72] SARKAR, JAIDEEP, US
[72] MITAL, VIJAY, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2015-09-24
[86] 2014-04-11 (PCT/US2014/033708)
[87] (WO2014/169160)
[30] US (13/862,277) 2013-04-12

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[13] C
[51] **Int.Cl. G01R 31/52 (2020.01) G01R 31/58 (2020.01)**
[25] EN
[54] **DETECTING FAULTS IN A TWO-WIRE POWER LINE**
[54] **DETECTION DE DEFAUTS DANS UNE LIGNE ELECTRIQUE A DEUX FILS**
[72] HAAS, CARL L., US
[73] WABTEC HOLDING CORP., US
[85] 2015-10-07
[86] 2014-01-15 (PCT/US2014/011614)
[87] (WO2014/200568)
[30] US (13/913,661) 2013-06-10

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[13] C
[51] **Int.Cl. A61K 31/395 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **PHTHALOCYANINE COMPOUNDS USEFUL AS RECA INHIBITORS AND METHODS OF USING SAME**
[54] **COMPOSES PHTALOCYANINE UTILES EN TANT QU'INHIBITEURS RECA ET PROCEDES D'UTILISATION ASSOCIES**
[72] GEYER, CLARENCE RONALD, CA
[72] LUO, YU, CA
[73] UNIVERSITY OF SASKATCHEWAN, CA
[85] 2015-10-09
[86] 2013-04-11 (PCT/IB2013/052899)
[87] (WO2013/153532)
[30] US (61/623,493) 2012-04-12

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[51] **Int.Cl. B01D 3/08 (2006.01) B01D 53/96 (2006.01) B01J 7/00 (2006.01) B01J 19/14 (2006.01) B04B 5/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DESORPTION OF ACID GAS FROM AN ABSORPTION LIQUID**
[54] **SYSTEME ET PROCEDE DE DESORPTION DE GAZ ACIDE D'UN LIQUIDE ABSORBANT**
[72] FIVELAND, TORBJORN, NO
[72] STRAND, ASBJORN, NO
[73] COMPACT CARBON CAPTURE AS, NO
[85] 2015-10-19
[86] 2013-05-02 (PCT/NO2013/050079)
[87] (WO2014/178720)

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[51] **Int.Cl. C09K 3/10 (2006.01) F16J 15/10 (2006.01)**
[25] EN
[54] **ELASTOMERIC SEAL**
[54] **JOINT D'ETANCHEITE ELASTOMERE**
[72] AKULICHEV, ANTON, RU
[72] TORKILDSEN, BREDE, NO
[73] FMC KONGSBERG SUBSEA AS, NO
[85] 2015-10-22
[86] 2014-05-05 (PCT/EP2014/059119)
[87] (WO2014/177720)
[30] NO (20130622) 2013-05-03

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[13] C
[51] **Int.Cl. A47J 27/08 (2006.01) H05B 6/06 (2006.01)**
[25] EN
[54] **LOW-PRESSURE COOKING METHOD AND COOKWARE VESSEL ADAPTED FOR THE SAME**
[54] **PROCEDE DE CUISSON A BASSE PRESSION ET RECIPIENT DE BATTERIE DE CUISINE CONCU POUR CELUI-CI**
[72] SHERMAN, EDWARD S., US
[72] CHENG, STANLEY KIN SUI, US
[72] CHEUNG, HING HANG HOMER, CN
[72] WONG, CHUN WING, CN
[72] LI, KAM YUEN, CN
[73] SHERMAN, EDWARD S., US
[73] MEYER INTELLECTUAL PROPERTIES LTD., US
[85] 2015-11-23
[86] 2014-05-22 (PCT/US2014/039153)
[87] (WO2014/190160)
[30] US (61/826,913) 2013-05-23
[30] US (61/890,060) 2013-10-11
[30] US (61/897,698) 2013-10-30
[30] US (62/001,176) 2014-05-21

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[13] C
[51] **Int.Cl. E21B 43/267 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM AND APPARATUS FOR DELIVERY OF A NON-AQUEOUS FRACTURING FLUID**
[54] **SYSTEME DE REGULATION ET APPAREIL D'ALIMENTATION EN FLUIDE DE FRACTURATION NON AQUEUX**
[72] SCHARMACH, WILLIAM, US
[72] DALTON, DANIEL, US
[72] PANNUCIO, GREGORY J., US
[73] PRAXAIR TECHNOLOGY, INC., US
[85] 2016-01-19
[86] 2014-06-19 (PCT/US2014/043082)
[87] (WO2015/030908)
[30] US (61/872,365) 2013-08-30
[30] US (61/872,344) 2013-08-30
[30] US (14/308,151) 2014-06-18
[30] US (14/308,130) 2014-06-18

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[13] C
[51] **Int.Cl. H04W 4/16 (2009.01) H04W 4/12 (2009.01) H04W 4/24 (2018.01) H04W 8/22 (2009.01)**
[25] EN
[54] **SYSTEM, SMART DEVICE AND METHOD FOR APPORTIONING SMART DEVICE OPERATIONS AND COSTS**
[54] **SYSTEME, DISPOSITIF INTELLIGENT ET PROCEDE DE REPARTITION DES OPERATIONS ET DES COUTS D'UN DISPOSITIF INTELLIGENT**
[72] DAMSTRA, THOM, CA
[73] MOBILITY VIEW INC., CA
[85] 2016-01-21
[86] 2014-07-21 (PCT/CA2014/050686)
[87] (WO2015/010199)
[30] US (61/856,720) 2013-07-21

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[51] **Int.Cl. G09F 13/00 (2006.01) G09F 13/18 (2006.01) G09F 13/20 (2006.01)**
[25] EN
[54] **HYBRID ILLUMINATED INDICATOR SIGN**
[54] **PANNEAU INDICATEUR ILLUMINE HYBRIDE**
[72] SZEKELY, KENNETH, CA
[73] ECOGLO HOLDINGS NA INC., US
[86] (2920722)
[87] (2920722)
[22] 2016-02-15
[30] US (62116360) 2015-02-13

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[51] **Int.Cl. F16B 2/24 (2006.01) B65D 6/36 (2006.01) F16B 5/06 (2006.01)**
[25] EN
[54] **RELEASABLE CLIP FOR A KNOCK-DOWN STRUCTURE**
[54] **ATTACHE LIBERABLE DESTINEE A UNE STRUCTURE DEMONTABLE**
[72] MUNCH-FALS, JAKOB, DK
[72] SOLOMON, MONEL, IL
[73] CLIP-LOK INTERNATIONAL LIMITED, GB
[85] 2016-03-03
[86] 2014-09-08 (PCT/IB2014/064312)
[87] (WO2015/033314)
[30] ZA (2013/06713) 2013-09-06

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[13] C
[51] **Int.Cl. F16B 2/24 (2006.01) B65D 6/36 (2006.01) F16B 5/06 (2006.01)**
[25] EN
[54] **CLIP FOR A KNOCK-DOWN STRUCTURE**
[54] **ATTACHE DESTINEE A UNE STRUCTURE DEMONTABLE**
[72] MUNCH-FALS, JAKOB, DK
[73] CLIP-LOK INTERNATIONAL LIMITED, GB
[85] 2016-03-03
[86] 2014-09-08 (PCT/IB2014/064313)
[87] (WO2015/033315)
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[51] **Int.Cl. B65D 51/24 (2006.01) B65D 25/28 (2006.01) B65D 51/20 (2006.01) B65D 81/20 (2006.01)**
[25] EN
[54] **PACKAGING FOR PULVERULENT MATERIAL**
[54] **EMBALLAGE POUR MATIERE PULVERULENTE**
[72] CRAWFORD, KAREN RITA, GB
[72] LUTTIK, NICOLAAS, NL
[73] N.V. NUTRICIA, NL
[86] (2925840)
[87] (2925840)
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[51] **Int.Cl. G07F 7/00 (2006.01) B65F 5/00 (2006.01) E04H 1/12 (2006.01) G06Q 30/08 (2012.01)**
[25] EN
[54] **SECONDARY MARKET AND VENDING SYSTEM FOR DEVICES**
[54] **MARCHE DES OCCASIONS ET DISTRIBUTEUR AUTOMATIQUE POUR DISPOSITIFS**
[72] BOWLES, MARK, US
[72] VAN ROOYEN, PIETER, US
[72] LIBRIZZI, MICHAEL, US
[73] ECOATM, LLC, US
[86] (2926097)
[87] (2926097)
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[51] **Int.Cl. C12N 5/0783 (2010.01) A61K 35/17 (2015.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **ACTIVATION AND EXPANSION OF CELLS**
[54] **ACTIVATION ET MULTIPLICATION DE CELLULES**
[72] CHANA, HARJINDER SINGH, US
[72] KALAMASZ, DALE, US
[72] HARDWICK, ALAN, US
[72] MCMILLEN, DAVID, US
[72] CRAIG, STEWART, US
[72] SAUND, NARINDER, US
[72] BONYHADI, MARK, US
[72] LAW, CHE, US
[72] BERENSON, RONALD J., US
[73] LIFE TECHNOLOGIES CORPORATION, US
[86] (2927307)
[87] (2927307)
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[51] **Int.Cl. B23K 11/25 (2006.01) B23K 11/36 (2006.01) G01J 5/08 (2006.01) G01J 5/10 (2006.01)**
[25] EN
[54] **HEAT ENERGY SENSING AND ANALYSIS FOR WELDING PROCESSES**
[54] **DETECTION ET ANALYSE D'ENERGIE THERMIQUE POUR PROCEDES DE SOUDAGE**
[72] IGNATOWSKI, THOMAS, US
[72] NALLEN, MICHAEL A., US
[72] FRAME, LESLEY D., US
[72] LYNCH, SEAN PATRICK, US
[73] THERMATOOL CORP., US
[85] 2016-05-02
[86] 2014-11-05 (PCT/US2014/064105)
[87] (WO2015/069753)
[30] US (61/901,585) 2013-11-08

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[13] C
[51] **Int.Cl. G06Q 50/34 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **REAL-TIME INTERACTIVE WAGERING ON EVENT OUTCOMES**
[54] **PARIS INTERACTIFS EN TEMPS REEL SUR LES RESULTATS D'EVENEMENTS**
[72] ASHER, JOSEPH M., US
[72] LUTNICK, HOWARD W., US
[73] CANTOR INDEX LLC, US
[86] (2929541)
[87] (2929541)
[22] 2004-03-04
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[30] US (10/410,197) 2003-04-10

[11] **2,929,994**
[13] C
[51] **Int.Cl. G01N 27/327 (2006.01)**
[25] EN
[54] **SAMPLING PLATE WITH VARIABLE HEIGHT TESTING ZONES**
[54] **PLAQUE D'ECHANTILLONNAGE DOTEE DE ZONES DE TEST A HAUTEUR VARIABLE**
[72] BRYAN, MATTHEW, GB
[72] SEAGRAVE, STUART, GB
[73] TAPE SPECIALITIES LIMITED, GB
[73] BRYTECH DESIGN & ENGINEERING PROJECT MANAGEMENT LIMITED, GB
[85] 2016-05-06
[86] 2014-11-07 (PCT/GB2014/053323)
[87] (WO2015/067960)
[30] GB (1319703.3) 2013-11-07

[11] **2,930,280**
[13] C
[51] **Int.Cl. C02F 1/68 (2006.01)**
[25] EN
[54] **CHEMICAL FEEDER HAVING A DISTRIBUTOR HEAD**
[54] **DISPOSITIF D'ALIMENTATION DE PRODUIT CHIMIQUE COMPORTANT UNE TETE DE DISTRIBUTEUR**
[72] PICKENS, STANLEY R., US
[73] EAGLE US 2 LLC, US
[85] 2016-05-10
[86] 2014-11-06 (PCT/US2014/064223)
[87] (WO2015/073283)
[30] US (61/903,533) 2013-11-13
[30] US (61/926,433) 2014-01-13
[30] US (14/524,061) 2014-10-27

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[13] C
[51] **Int.Cl. A47L 13/16 (2006.01)**
[25] EN
[54] **CLEANING TOOL**
[54] **OUTIL DE NETTOYAGE**
[72] MCMANN, LARRY R, JR., US
[72] CASON, JERRY J., US
[72] GOLDEN, GERARD W., US
[72] MILLER, CHRISTOPHER D.I., US
[73] GOLDEN VENTURES, INC., US
[73] MODELS, LLC, US
[85] 2016-05-18
[86] 2014-11-20 (PCT/US2014/066560)
[87] (WO2015/077422)
[30] US (61/906,494) 2013-11-20

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[51] **Int.Cl. H01F 5/00 (2006.01) H02J 50/10 (2016.01) H01F 5/06 (2006.01) H01F 41/04 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **WIRELESS CHARGING COIL**
[54] **BOBINE DE CHARGE SANS FIL**
[72] KURZ, ARTHUR, US
[72] DUETSCH, BERNARD, US
[72] KURZ, JOSHUA, US
[73] A.K. STAMPING COMPANY, INC., US
[85] 2016-05-24
[86] 2014-11-25 (PCT/US2014/067440)
[87] (WO2015/077782)
[30] US (61/908,573) 2013-11-25
[30] US (62/004,587) 2014-05-29
[30] US (14/470,381) 2014-08-27
[30] US (62/077,721) 2014-11-10

[11] **2,932,332**
[13] C
[51] **Int.Cl. B65B 69/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR OPENING CONTAINERS CONTAINING HETEROGENEOUS MATERIALS**
[54] **DISPOSITIF ET PROCEDE D'OUVERTURE DE CONTENANTS RENFERMANT DES MATERIAUX HETEROGENES**
[72] CHARREYRE, FABIEN MICHEL ALAIN, FR
[73] FINANCE DEVELOPPEMENT ENVIRONNEMENT CHARREYRE - FIDEC, FR
[85] 2016-06-01
[86] 2014-12-10 (PCT/FR2014/053257)
[87] (WO2015/086993)
[30] FR (1362377) 2013-12-10

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[13] C
[51] **Int.Cl. G01C 3/02 (2006.01) G01B 11/14 (2006.01) G01N 21/47 (2006.01) G01N 21/55 (2014.01)**
[25] EN
[54] **MEASURING APPARATUS AND METHOD FOR SAME**
[54] **APPAREIL DE MESURE ET SON PROCEDE**
[72] PEARCEY, OWEN, AU
[73] HATCH LTD., CA
[85] 2016-06-09
[86] 2014-12-09 (PCT/AU2014/001108)
[87] (WO2015/085347)
[30] AU (2013904786) 2013-12-09

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[13] C
[51] **Int.Cl. A61K 8/895 (2006.01) A61Q 17/04 (2006.01)**
[25] EN
[54] **CLEAR SUNSCREEN COMPOSITION FOR APPLICATION ONTO WET OR DRY SKIN**
[54] **PRODUIT DE PROTECTION SOLAIRE TRANSPARENT DESTINE A ETRE APPLIQUE SUR UNE PEAU MOUILLEE OU SECHE**
[72] MOU, TSUNG-HUI, US
[72] CZIRYAK, PAULA, US
[72] POTIN, ANTHONY, US
[73] L'OREAL, FR
[85] 2016-06-09
[86] 2014-11-17 (PCT/IB2014/066103)
[87] (WO2015/087179)
[30] US (14/104,029) 2013-12-12

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[13] C
[51] **Int.Cl. F02D 13/02 (2006.01) F02D 35/02 (2006.01)**
[25] EN
[54] **ENGINE HAVING ACTIVE EXHAUST VALVE POSITION CONTROL SYSTEM AND METHOD**
[54] **MOTEUR POSSEDANT UN SYSTEME DE COMMANDE ACTIF DE SOUPAPE D'ECHAPPEMENT ET PROCEDE**
[72] BLAKE, DALLAS J., US
[73] POLARIS INDUSTRIES INC., US
[85] 2016-06-23
[86] 2015-01-08 (PCT/US2015/010623)
[87] (WO2015/105976)
[30] US (14/151,983) 2014-01-10

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[13] C
[51] **Int.Cl. E21B 7/14 (2006.01)**
[25] EN
[54] **THERMAL LANCE FOR FUSION CUTTING AND/OR PIERCING, COMPRISING AT LEAST FOUR TUBULAR PROFILES AND MORE THAN 17 CAVITIES INSIDE THE LANCE**
[54] **LANCE THERMIQUE POUR PERFORER ET/OU COUPER PAR FUSION, COMPRENANT AU MOINS 4 PROFILS TUBULAIRES ET PLUS DE 17 CAVITES A L'INTERIEUR DE LA LANCE**
[72] PENA ASTORGA, VICTOR, CL
[73] TREFIMET S.A., CL
[85] 2016-06-28
[86] 2014-12-19 (PCT/CL2014/000082)
[87] (WO2015/103715)
[30] CL (34-2014) 2014-01-07

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[13] C
[51] **Int.Cl. A45D 29/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR A NAIL MANIPULATION**
[54] **SYSTEME ET PROCEDE POUR UNE MANIPULATION D'ONGLE**
[72] PAPSHEV, ANDREI, FI
[72] PITKANEN, TEMMO, FI
[73] FINAILS OY, FI
[85] 2016-06-28
[86] 2013-12-31 (PCT/FI2013/051215)
[87] (WO2015/101696)

[11] **2,937,317**
[13] C
[51] **Int.Cl. B29C 45/16 (2006.01) B29C 45/00 (2006.01)**
[25] EN
[54] **CO-INJECTION MOLDED MULTI-LAYER ARTICLE WITH INJECTION-FORMED APERTURE BETWEEN GATE AREA AND PERIPHERAL EDGE**
[54] **ARTICLE MULTICOUCHE MOULE PAR CO-INJECTION AVEC OUVERTURE FORMEE PAR INJECTION ENTRE UNE REGION PORTE ET UNE REGION PERIPHERIQUE**
[72] SWENSON, PAUL M., US
[73] MILACRON LLC, US
[85] 2016-07-19
[86] 2014-05-30 (PCT/US2014/040311)
[87] (WO2015/112189)
[30] US (61/931,393) 2014-01-24

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[13] C
[51] **Int.Cl. C25D 3/06 (2006.01) C25D 5/00 (2006.01) C25D 5/14 (2006.01)**
[25] EN
[54] **PASSIVATION OF MICRO-DISCONTINUOUS CHROMIUM DEPOSITED FROM A TRIVALENT ELECTROLYTE**
[54] **PASSIVATION DE CHROME MICRO-DISCONTINU DEPOSE A PARTIR D'UN ELECTROLYTE TRIVALENT**
[72] MERTENS, MARC, NL
[72] TOOTH, RICHARD, GB
[72] HERDMAN, RODERICK D., GB
[72] CLARKE, TERENCE, GB
[72] PEARSON, TREVOR, GB
[73] MACDERMID ACUMEN, INC., US
[85] 2016-08-29
[86] 2015-03-05 (PCT/US2015/018848)
[87] (WO2015/134690)
[30] US (14/200,546) 2014-03-07

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[13] C
[51] **Int.Cl. F16K 31/06 (2006.01) F16K 39/02 (2006.01)**
[25] EN
[54] **SOLENOID VALVE**
[54] **ELECTROVANNE**
[72] BIRKELUND, MICHAEL, DK
[73] DANFOSS A/S, DK
[85] 2016-09-08
[86] 2015-05-28 (PCT/EP2015/061832)
[87] (WO2015/185437)
[30] EP (14171133.3) 2014-06-04

[11] **2,942,419**
[13] C
[51] **Int.Cl. G08B 13/24 (2006.01)**
[25] EN
[54] **A POSITION MONITORING DEVICE**
[54] **DISPOSITIF DE CONTROLE DE POSITION**
[72] AYLESBURY, MARK, AU
[72] MACKLE, TREVOR, AU
[73] FIRE & SECURITY HARDWARE PTY LTD, AU
[73] AYLESBURY, MARK, AU
[85] 2016-09-12
[86] 2014-03-05 (PCT/AU2014/000210)
[87] (WO2014/138776)
[30] AU (2013900841) 2013-03-12

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[13] C
[51] **Int.Cl. A61K 6/833 (2020.01) C03C 10/14 (2006.01)**
[25] EN
[54] **GLASS CERAMIC HAVING A QUARTZ SOLID SOLUTION PHASE**
[54] **VITROCERAMIQUES A PHASE HOMOGENE SOLIDE DE QUARTZ**
[72] DITTMER, MARC, AT
[72] HOLAND, WOLFRAM, LI
[72] SCHWEIGER, MARCEL, CH
[72] RUSSEL, CHRISTIAN, DE
[72] BERNDT, SABRINA, DE
[73] IVOCLAR VIVADENT AG, LI
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[25] EN
[54] **DEVICE FOR ANALYSIS OF SYNTHETIC ROPE OR CABLE, AND METHOD OF USE**
[54] **DISPOSITIF D'ANALYSE DE CORDE OU CABLE SYNTHETIQUE, ET PROCEDE D'UTILISATION**
[72] OUELLETTE, SYLVAIN, CA
[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA, CA
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[51] **Int.Cl. H01H 71/08 (2006.01) H01H 73/20 (2006.01)**
[25] EN
[54] **PRONG-LESS NEUTRAL CONNECTOR ASSEMBLIES, CIRCUIT BREAKERS INCLUDING PRONG-LESS NEUTRAL CONNECTOR, PANEL BOARDS WITH FLEXIBLE NEUTRAL BARS, AND NEUTRAL CONNECTION METHODS**
[54] **ASSEMBLAGES DE CONNECTEUR NEUTRE SANS BROCHE, DISJONCTEURS COMPORTANT LE CONNECTEUR NEUTRE SANS BROCHE, PANNEAUX DOTES DE BARRES NEUTRES FLEXIBLES ET METHODE DE CONNEXION DU NEUTRE**
[72] TITUS, SOLOMON R., US
[73] SIEMENS INDUSTRY, INC., US
[86] (2943395)
[87] (2943395)
[22] 2016-09-28
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[51] **Int.Cl. E02F 3/02 (2006.01) A01B 1/00 (2006.01) A01B 1/02 (2006.01)**
[25] EN
[54] **DIGGING IMPLEMENT, DIGGING IMPLEMENT ATTACHMENT AND METHODS OF USING SAME**
[54] **OUTIL D'EXCAVATION, ACCESSOIRE D'OUTIL D'EXCAVATION ET PROCEDES D'UTILISATION ASSOCIES**
[72] COTE, MARIO, CA
[73] COTE, MARIO, CA
[85] 2016-09-28
[86] 2015-04-02 (PCT/CA2015/000229)
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[30] GB (1406228.5) 2014-04-07

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[51] **Int.Cl. H01F 21/08 (2006.01) H01F 27/42 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **A FIELD REGULATOR**
[54] **REGULATEUR DE CHAMP**
[72] SWEENEY, PETER JOHN, AU
[72] WILDT, MARTIN CHRISTOPHER, AU
[73] MINE SITE TECHNOLOGIES PTY LTD, AU
[85] 2016-09-28
[86] 2015-04-16 (PCT/AU2015/050179)
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[54] **DOWNHOLE DETECTION**
[54] **DETECTION DE FOND DE TROU**
[72] CLARKSON, HUGH, GB
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2945156)
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[51] **Int.Cl. C08G 63/672 (2006.01) C08G 63/78 (2006.01)**
[25] EN
[54] **POLYISOIDIDE FURANOATE THERMOPLASTIC POLYESTERS AND COPOLYESTERS AND A USE THEREOF IN HOT FILL PACKAGING**
[54] **POLYESTERS ET COPOLYESTERS THERMOPLASTIQUES DE FURANOATE DE POLYISOIDIDE ET UTILISATION ASSOCIEE DANS LE CONDITIONNEMENT PAR REMPLISSAGE A CHAUD**
[72] VAN HAVEREN, JACOBUS, NL
[72] KNOOP, JOHANNES RUTGER IDSARD, NL
[72] VAN ES, DANIEL S., NL
[72] VOGELZANG, WILLEM, NL
[73] STICHTING WAGENINGEN RESEARCH, NL
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[54] **WORM HARVESTING APPARATUS**
[54] **APPAREIL DE RECOLTE DE VERS**
[72] CAESAR, AVRAHAM, IL
[73] CAESAR, AVRAHAM, IL
[85] 2016-10-25
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[54] **PROTOCOL TYPE IDENTIFICATION METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF D'IDENTIFICATION D'UN TYPE DE PROTOCOLE**
[72] PAN, NENGYI, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-10-28
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[54] **ELLIPTICALLY INTERFACING GEARBOX**
[54] **BOITE D'ENGRENAGES A INTERFACE ELLIPTIQUE**
[72] ATMUR, ROBERT J., US
[72] SARGENT, WILLIAM PATRICK, US
[73] THE BOEING COMPANY, US
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[54] **SEPARATION AND STORAGE OF FLUIDS USING ITQ-55**
[54] **SEPARATION ET STOCKAGE DE FLUIDES A L'AIDE DU ITQ-55**
[72] CORCORAN, EDWARD W., JR., US
[72] KORTUNOV, PAVEL, US
[72] PAUR, CHARANJIT S., US
[72] RAVIKOVITCH, PETER I., US
[72] WANG, YU, US
[72] CORMA CANOS, AVELINO, ES
[72] VALENCIA VALENCIA, SUSANA, ES
[72] REY GARCIA, FERNANDO, ES
[72] CANTIN SANZ, ANGEL, ES
[72] PALOMINO ROCA, MIGUEL, ES
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[51] **Int.Cl. G06F 11/30 (2006.01) G06F 11/14 (2006.01) G06F 11/34 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DYNAMIC COLLECTION OF SYSTEM MANAGEMENT DATA IN A MAINFRAME COMPUTING ENVIRONMENT**
[54] **SYSTEME ET PROCEDE POUR COLLECTER DE MANIERE DYNAMIQUE DES DONNEES DE GESTION DE SYSTEME DANS UN ENVIRONNEMENT D'ORDINATEUR CENTRAL**
[72] ECKERT, PAUL J., US
[73] TERACLOUD SA, LU
[85] 2016-11-29
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[54] **PORTION CAPSULE COMPRISING A CALENDERED FIBRE-LIKE MATERIAL**
[54] **CAPSULE DE PORTION COMPORTANT UN MATERIAU DE TYPE FIBREUX CALENDRE**
[72] EMPL, GUNTER, DE
[72] HANISCH, MARCO, DE
[73] K-FEE SYSTEM GMBH, DE
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[25] EN
[54] **DIAPHRAGM PUMP UTILIZING DUCKBILL VALVES, MULTI-DIRECTIONAL PORTS AND FLEXIBLE ELECTRICAL CONNECTIVITY**
[54] **POMPE A MEMBRANE UTILISANT DES SOUPAPES A BEC DE CANARD, DES ORIFICES MULTI-DIRECTIONNELS ET UNE CONNECTIVITE ELECTRIQUE FLEXIBLE**
[72] MEZA, HUMBERTO V., US
[72] TRAN, DERRICK T., US
[72] PERKINS, BERNARD L., US
[73] FLOW CONTROL LLC., US
[85] 2016-12-15
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[25] EN
[54] **SENSOR ASSEMBLIES FOR LOCKS**
[54] **ENSEMBLES CAPTEUR POUR SERRURES**
[72] VASUDEVAN, SUNDAR RAJ DORE, IN
[72] BANGARU, DILIP, IN
[72] LITWINSKI, ADAM MICHAEL, US
[72] MADRID, ALLEN, US
[73] SCHLAGE LOCK COMPANY LLC, US
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[25] EN
[54] **FLOOR MAT SYSTEM AND ASSOCIATED, COMPUTER MEDIUM AND COMPUTER-IMPLEMENTED METHODS FOR MONITORING AND IMPROVING HEALTH AND PRODUCTIVITY OF EMPLOYEES**
[54] **SYSTEME DE TAPIS DE PLANCHER ET SUPPORT INFORMATIQUE ET PROCEDES MIS EN OEUVRE PAR ORDINATEUR ASSOCIES POUR SURVEILLER ET AMELIORER LA SANTE ET LA PRODUCTIVITE D'EMPLOYES**
[72] HORSEMAN, SAMANTHA J., SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[86] (2957705)
[87] (2957705)
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[30] US (61/659,796) 2012-06-14
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[30] US (61/659,807) 2012-06-14
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[25] EN
[54] **FLYWHEEL ROTOR**
[54] **ROTOR A VOLANT D'INERTIE**
[72] SANDERS, SETH, US
[72] SUN, ERIC, US
[72] HE, MIKE, US
[72] SENESKY, MATTHEW, US
[72] CHIAO, EDWARD, US
[73] AMBER KINETICS, INC., US
[85] 2017-02-17
[86] 2015-08-17 (PCT/US2015/045545)
[87] (WO2016/032788)
[30] US (14/469,382) 2014-08-26
[30] US (14/811,012) 2015-07-28

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[51] **Int.Cl. C12N 15/09 (2006.01) C12N 15/113 (2010.01) C12N 9/22 (2006.01) C12N 15/00 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **METHODS FOR INCREASING CAS9-MEDIATED ENGINEERING EFFICIENCY**
[54] **PROCEDES POUR AUGMENTER L'EFFICACITE DE L'INGENIERIE MEDIEE PAR CAS9**
[72] CAMERON, PETER SEAN, US
[72] HAURWITZ, RACHEL E., US
[72] MAY, ANDREW P., US
[72] NYE, CHRISTOPHER H., US
[72] VAN OVERBEEK, MEGAN, US
[73] CARIBOU BIOSCIENCES, INC., US
[85] 2017-02-22
[86] 2015-08-26 (PCT/US2015/047046)
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[30] US (62/042,358) 2014-08-27
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[51] **Int.Cl. A01D 90/10 (2006.01) A01B 73/02 (2006.01) A01F 12/46 (2006.01) B60P 1/42 (2006.01) B65G 67/24 (2006.01)**
[25] EN
[54] **SPOUT AUTOROTATE FOR A GRAIN CART**
[54] **BEC VERSEUR AUTOROTATIF DESTINE A UN CHARIOT A GRAIN**
[72] STILBORN, MITCH, CA
[72] THOMSON, GREG, CA
[73] BRANDT INDUSTRIES CANADA LTD., CA
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[51] **Int.Cl. B64F 5/10 (2017.01) A47C 31/10 (2006.01)**
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[54] **COMMERCIAL AIRCRAFT INTERIOR MONUMENT PROTECTION SYSTEM**
[54] **SYSTEME DE PROTECTION DE MONUMENT INTERIEUR D'AERONEF COMMERCIAL**
[72] ABELON, RYAN NELSON MARCELO, US
[72] HITCHCOCK, CORY M., US
[72] TRAN, TOAI DAC, US
[72] SMITH, THOMAS RALPH, JR., US
[72] SHAW, JON BURTON, US
[73] THE BOEING COMPANY, US
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[25] EN
[54] **OXIDATION OF URONIC ACIDS TO ALDARIC ACIDS WITH A GOLD CATALYST UNDER ACIDIC CONDITIONS**
[54] **OXYDATION D'ACIDE URONIQUE AUX ACIDES ALDARIQUE AVEC CATALYSEUR D'OR DANS DES CONDITIONS ACIDES**
[72] VAN ES, DANIEL STEPHAN, NL
[72] PAZHAVELIKKAKATH PURUSHOTHAMAN, RAJEESH KUMAR, NL
[72] FRISSEN, AUGUSTINUS EMMANUEL, NL
[72] VAN HAVEREN, JACOBUS, NL
[72] VAN DER KLIS, FRITS, NL
[73] COOPERATIE KONINKLIJKE COSUN U.A., NL
[85] 2017-04-05
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[25] EN
[54] **THREE COMPONENT SALTS OF FUMARIC ACID MONOMETHYL ESTER WITH PIPERAZINE OR ETHYLENE DIAMINE FOR THE TREATMENT OF MULTIPLE SCLEROSIS**
[54] **SELS TERNAIRES D'ESTER MONOMETHYLIQUE D'ACIDE FUMARIQUE ASSOCIES A LA PIPERAZINE OU A L'ETHYLENEDIAMINE POUR LE TRAITEMENT DE LA SCLEROSE EN PLAQUES**
[72] KANDULA, MAHESH, IN
[73] CELLIX BIO PRIVATE LIMITED, IN
[85] 2017-04-21
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[54] **TABLE GAME SYSTEM**
[54] **SYSTEME DE JEU DE TABLE**
[72] SHIGETA, YASUSHI, JP
[73] ANGEL PLAYING CARDS CO., LTD., JP
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[54] **SENSING IN ARTIFICIAL LIFT SYSTEMS**
[54] **DETECTION DANS DES SYSTEMES D'ELEVATION ARTIFICIELLE**
[72] PAULET, BRYAN A., US
[72] AGARWAL, MANISH, US
[72] LACHIN, PAUL M., US
[72] MOFFETT, ROSS E., US
[72] CANNON, STEPHEN E., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2970230)
[87] (2970230)
[22] 2014-04-11
[62] 2,848,865
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[51] **Int.Cl. C01F 11/18 (2006.01) C09C 1/02 (2006.01)**
[25] EN
[54] **PROCESS WITH EFFICIENT DEWATERING FOR MANUFACTURING HIGH SOLIDS CONTENT CALCIUM CARBONATE**
[54] **PROCESSUS AVEC DESHYDRATATION EFFICACE POUR LA FABRICATION DE CARBONATE DE CALCIUM A FORTE TENEUR EN MATIERES SOLIDES**
[72] GANTENBEIN, DANIEL, CH
[72] GANE, PATRICK A.C., CH
[72] ORTEN, ROLF ENDRE, NO
[72] WEIHS, JAN PHILIPP, CH
[72] HUNZIKER, PHILIPP, US
[72] AMUNDSEN, ASBJORN HOYEM, NO
[72] SANDVIK, TOMMY, NO
[72] JENSEN, BJORN, NO
[73] OMYA INTERNATIONAL AG, CH
[85] 2017-06-21
[86] 2016-01-04 (PCT/EP2016/050006)
[87] (WO2016/110459)
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[25] EN
[54] **PRODUCE PACK ARRANGEMENT APPARATUS**
[54] **APPAREILLAGE D'ARRANGEMENT D'EMBALLAGE DE PRODUIT**
[72] GOMEZ, DIOGENES M, CA
[73] GOMEZ, DIOGENES M, CA
[86] (2971801)
[87] (2971801)
[22] 2017-06-27
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[51] **Int.Cl. E21B 19/22 (2006.01) E21B 15/00 (2006.01) E21B 33/038 (2006.01) E21B 33/06 (2006.01)**
[25] EN
[54] **COILED TUBING RIG**
[54] **APPAREIL DE FORAGE DE TUBE SPIRALE**
[72] LEE, DENVER, US
[72] KORACH, DONOVAN, US
[72] GUPTA, ASHISH, US
[73] NABORS DRILLING TECHNOLOGIES USA, INC., US
[86] (2972870)
[87] (2972870)
[22] 2017-07-07
[30] US (62/361,904) 2016-07-13
[30] US (62/362,422) 2016-07-14
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[13] C
[51] **Int.Cl. A61N 5/10 (2006.01) A61B 5/055 (2006.01) G01T 1/02 (2006.01) G21K 1/02 (2006.01) G01R 33/38 (2006.01) G01R 33/563 (2006.01)**
[25] EN
[54] **SYSTEM FOR DELIVERING CONFORMAL RADIATION THERAPY WHILE SIMULTANEOUSLY IMAGING SOFT TISSUE**
[54] **SYSTEME D'ADMINISTRATION D'UNE THERAPIE DE RADIATION CONFORMEE PENDANT L'IMAGERIE SIMULTANEE DE TISSU MOU**
[72] DEMPSEY, JAMES F., US
[73] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[86] (2974143)
[87] (2974143)
[22] 2005-02-17
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[51] **Int.Cl. F24D 19/10 (2006.01) F24F 11/46 (2018.01) F24F 11/70 (2018.01) F24D 3/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR BUILDING CLIMATE CONTROL**
[54] **SYSTEME ET METHODE D'ETABLISSEMENT D'UN CONTROLE DE CLIMATISATION**
[72] VAN BERKEL, SAMUEL P., CA
[72] HART, DOUGLAS R. S., CA
[73] WATERSHED TECHNOLOGIES INC., CA
[86] (2975467)
[87] (2975467)
[22] 2017-08-03
[30] US (62/494313) 2016-08-04

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[51] **Int.Cl. A61B 17/15 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **BI-CRUCIATE KNEE SYSTEM**
[54] **SYSTEME DE PRESERVATION DE DEUX LIGAMENTS CROISES**
[72] METZGER, ROBERT, US
[72] LOMBARDI, ADOLPH V., US
[72] PETERS, CHRISTOPHER, US
[72] DECLAIRE, JEFFREY, US
[72] BEREND, KEITH R., US
[72] DELLA VALLE, CRAIG, US
[72] DURCHOLZ, BRADLEY T., US
[72] BEDKE, BRICE, US
[73] BIOMET MANUFACTURING CORP., US
[85] 2017-08-29
[86] 2016-03-04 (PCT/US2016/020836)
[87] (WO2016/141274)
[30] US (14/639,522) 2015-03-05

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[51] **Int.Cl. A61F 2/54 (2006.01) B25J 15/08 (2006.01)**
[25] EN
[54] **A MECHANICAL FINGER**
[54] **DOIGT MECANIQUE**
[72] HUNTER, MARK, US
[73] HUNTER, MARK, US
[85] 2017-08-30
[86] 2015-03-13 (PCT/US2015/020551)
[87] (WO2015/138968)
[30] US (14/207,635) 2014-03-13

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[51] **Int.Cl. A63B 55/53 (2015.01) A63B 55/50 (2015.01) A63B 55/57 (2015.01) A45F 3/02 (2006.01) A63B 55/10 (2006.01)**
[25] EN
[54] **SUB-ASSEMBLY FOR A GOLF BAG AND A GOLF BAG SYSTEM FOR RECIPIENT SELF-ASSEMBLY**
[54] **SOUS-ENSEMBLE POUR UN SAC DE GOLF, ET SYSTEME DE SAC DE GOLF POUR AUTO-ASSEMBLAGE DE CONTENANT**
[72] MARTELL, JAMES, US
[72] LOUDENSLAGER, JOHN, US
[72] MCGUIRE, BRIAN, US
[72] BRUCE, RYAN, US
[72] HIGDON, DAVID, US
[73] KARSTEN MANUFACTURING CORPORATION, US
[85] 2017-09-01
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[30] US (62/151,155) 2015-04-22
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[54] **BLOCK ACKNOWLEDGEMENT MECHANISM FOR ACKNOWLEDGING DL-MU DATA ON UL-MU WIRELESS COMMUNICATION SYSTEM**
[54] **MECANISME D'ACCUSE DE RECEPTION PAR BLOCS POUR ACCUSER RECEPTION DE DONNEES DL-MU SUR SYSTEME UL-MU DE COMMUNICATION SANS FIL**
[72] CHERIAN, GEORGE, US
[72] MERLIN, SIMONE, US
[72] BARRIAC, GWENDOLYN DENISE, US
[72] ASTERJADHI, ALFRED, US
[73] QUALCOMM INCORPORATED, US
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[51] **Int.Cl. H04W 4/00 (2018.01) H04W 4/12 (2009.01) H04W 80/12 (2009.01) H04W 88/18 (2009.01)**
[25] EN
[54] **DEVICE, COMPUTER-READABLE MEDIUM, AND METHOD FOR MODIFYING SERVICES USING ADVANCED DATA COLLECTION CAPABILITIES**
[54] **DISPOSITIF, SUPPORT LISIBLE PAR ORDINATEUR, ET PROCEDE DE MODIFICATION DE SERVICES UTILISANT DES CAPACITES AVANCEES DE COLLECTE DE DONNEES**
[72] JAHR, CHRISTOPH, US
[73] GIESECKE+DEVRIENT MOBILE SECURITY GMBH, DE
[85] 2017-10-23
[86] 2016-03-31 (PCT/US2016/025277)
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[51] **Int.Cl. B23P 21/00 (2006.01) B64F 5/00 (2017.01) G05B 19/418 (2006.01)**
[25] EN
[54] **PRODUCTION FACILITY, PRODUCTION FACILITY DESIGN METHOD, PRODUCTION FACILITY CONTROL METHOD, AND MANUFACTURING METHOD**
[54] **INSTALLATION DE PRODUCTION, PROCEDE DE CONCEPTION D'INSTALLATION DE PRODUCTION, PROCEDE DE COMMANDE D'INSTALLATION DE PRODUCTION ET PROCEDE DE FABRICATION**
[72] HIRAI, MAKOTO, JP
[72] GOTO, TAKUYA, JP
[72] KANEKO, TSUYOSHI, JP
[72] NAKAMURA, KATSUMI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **STRONTIUM SEALED SOURCE**
[54] **SOURCE DE STRONTIUM ETANCHE**
[72] VOSE, MARK W., US
[72] SHILTON, MARK G., US
[72] BOURN, JASON W., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2017-10-31
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[25] EN
[54] **HIGH STRENGTH 5XXX ALUMINUM ALLOYS AND METHODS OF MAKING THE SAME**
[54] **ALLIAGES D'ALUMINIUM 5XXX ET LEURS PROCEDES DE PRODUCTION**
[72] KANG, DAEHOON, US
[72] DAS, SAZOL KUMAR, US
[72] KADALI, JYOTHI, US
[72] GATENBY, KEVIN MICHAEL, US
[73] NOVELIS INC., US
[85] 2017-11-03
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[54] **DEVICES AND METHODS FOR OCCLUSION OF AN ATRIAL APPENDAGE**
[54] **DISPOSITIFS ET PROCEDES D'OCCLUSION D'APPENDICE AURICULAIRE**
[72] CENTER, CHARLES J., US
[72] FOX, AARON D., US
[72] KOREY, NATHAN C., US
[72] SHAW, EDWARD E., US
[72] WEBSTER, NICHOLAS S., US
[72] WHAM, BRET J., US
[72] WOLFE, ROARK N., US
[72] ZELLER, PETER J., US
[73] W. L. GORE & ASSOCIATES, INC., US
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[54] **UV GERMICIDAL DEVICES, SYSTEMS, AND METHODS**
[54] **DISPOSITIFS UV GERMICIDES, SYSTEMES ET PROCEDES ASSOCIES**
[72] COLE, THEODORE JOHN, US
[73] UV PARTNERS, INC., US
[85] 2017-11-23
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[25] EN
[54] **LABELING OF TARGET MOLECULES, IDENTIFICATION OF ORGANELLES AND OTHER APPLICATIONS, NOVEL COMPOSITIONS, METHODS AND KITS**
[54] **MARQUAGE DE MOLECULES CIBLES, IDENTIFICATION D'ORGANELLES ET AUTRES APPLICATIONS, NOUVELLES COMPOSITIONS, PROCEDES ET KITS**
[72] PANDE, PRAVEEN, US
[72] LI, ZAIGUO, US
[72] SZCZEPANIK, MACIEJ, US
[72] PATTON, WAYNE F., US
[73] ENZO LIFE SCIENCES, INC., US
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[25] EN
[54] **FUEL CELL ELECTRODE STRUCTURE, METAL SEPARATOR, FUEL CELL SINGLE CELL USING THE FUEL CELL ELECTRODE STRUCTURE AND THE METAL SEPARATOR, AND MOLD FOR PRODUCING THE FUEL CELL ELECTRODE STRUCTURE**
[54] **STRUCTURE D'ELECTRODE DE PILE A COMBUSTIBLE, SEPARATEUR METALLIQUE, PILE A COMBUSTIBLE UTILISANT LADITE STRUCTURE D'ELECTRODE DE PILE A COMBUSTIBLE ET LEDIT SEPARATEUR METALLIQUE,ET MATRICE DE FABRICATION DE LADITE STRUCTURE D'ELECTRODE DE PILE A COMBUSTIBLE**
[72] OKU, TAKANORI, CA
[72] MIYAZAKI, SHINICHI, CA
[72] BLUNT, RYAN, CA
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-12-14
[86] 2016-05-26 (PCT/JP2016/065616)
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[54] **ELECTRIC MOTOR**
[54] **MOTEUR ELECTRIQUE**
[72] MOSTOVOY, ALEXANDER, IL
[72] SHLAKHETSKI, VICTOR, IL
[73] INTELLITECH PTY LTD, AU
[85] 2017-12-20
[86] 2016-06-16 (PCT/IL2016/050635)
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[25] EN
[54] **RECIRCULATING VERTICAL WIND TUNNEL SKYDIVING SIMULATOR AND REDUCED DRAG CABLE FOR USE IN WIND TUNNELS AND OTHER LOCATIONS**
[54] **SIMULATEUR DE PARACHUTISME SPORTIF A SOUFFLERIE VERTICALE DE RECIRCULATION ET CABLE DE HALAGE REDUIT UTILISE DANS LES SOUFFLERIES VERTICALES ET AUTRES EMPLACEMENTS**
[72] METNI, N. ALAN, US
[72] KITCHEN, WILLIAM J., US
[72] MORT, KENNETH W., US
[72] EASTLAKE, CHARLES N., US
[72] PALMER, MICHAEL J., US
[73] SKYVENTURE INTERNATIONAL (UK) LTD., GB
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[87] (2992102)
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[51] **Int.Cl. F16L 55/10 (2006.01) F16L 41/04 (2006.01) F16L 55/11 (2006.01)**
[25] EN
[54] **PUSH PLUG TYPE LINE STOP BRANCH ASSEMBLY**
[54] **ASSEMBLAGE DE BRANCHE D'ARRET DE LIGNE DE TYPE BOUCHON-POUSSOIR**
[72] PIONTEK, DARYL M., US
[72] FONTES, RICHARD J., US
[73] TOTAL PIPING SOLUTIONS, INC., US
[86] (2993237)
[87] (2993237)
[22] 2018-01-29
[30] US (15/492,407) 2017-04-20

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[54] **BASE FOR CONVEYOR BELT SCRAPER**
[54] **BASE POUR RACLOIR DE COURROIE TRANSPORTEUSE**
[72] CHRISTIAN, PAUL, ZA
[73] BRELKO PATENTS (PTY) LTD, ZA
[85] 2018-02-02
[86] 2016-06-14 (PCT/ZA2016/050020)
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[54] **GREASELESS BUSHING FOR AGRICULTURAL ROW UNIT**
[54] **DOUILLE SANS GRAISSE POUR UNITE DE RANGEE AGRICOLE**
[72] SIVINSKI, JEFFREY ALAN, US
[73] HARVEST INTERNATIONAL, INC., US
[86] (2995051)
[87] (2995051)
[22] 2018-02-14
[30] US (62/458927) 2017-02-14
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[13] C
[51] **Int.Cl. B65D 90/02 (2019.01) B65D 88/10 (2006.01)**
[25] EN
[54] **CONVERTED INTERMODAL CONTAINER HAVING A FLEXIBLE LINER FOR USE AS A WATER PROCESSING TANK**
[54] **CONTENEUR INTERMODAL CONVERTI COMPORTANT UNE DOUBLURE SOUPLE DESTINE A UN RESERVOIR DE TRAITEMENT D'EAU**
[72] DOWNEY, JASON, CA
[72] KEMPSON, JEFFREY, CA
[73] NEWTERRA LTD., CA
[86] (2997707)
[87] (2997707)
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[51] **Int.Cl. G08G 1/04 (2006.01) G01S 7/487 (2006.01) G01S 17/66 (2006.01) G01S 17/88 (2006.01) G08G 1/017 (2006.01) G08G 1/052 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MULTIPURPOSE TRAFFIC DETECTION AND CHARACTERIZATION**
[54] **SYSTEME ET PROCEDE POUR UNE DETECTION ET UNE CARACTERISATION DE LA CIRCULATION A OBJECTIFS MULTIPLES**
[72] MIMEAULT, YVAN, CA
[72] GIDEL, SAMUEL, CA
[73] LEDDARTECH INC., CA
[86] (2998175)
[87] (2998175)
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[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING CALL VERIFICATION**
[54] **SYSTEMES ET METHODES DE VERIFICATION D'APPEL**
[72] YACOV, SHAY BEN, IL
[72] BARENBOIM, ILIYA, IL
[72] GUBES, ROMI, IL
[72] BIANCO, ITAY, IL
[72] SRINIVASAN, SRIVATSAN, US
[73] VONAGE BUSINESS INC., US
[86] (2998619)
[87] (2998619)
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[51] **Int.Cl. E21B 33/03 (2006.01) E21B 34/02 (2006.01)**
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[54] **WELL ISOLATION UNIT**
[54] **MODULE D'ISOLATION DE PUITS**
[72] COOK, JAMES, US
[73] FMC TECHNOLOGIES, INC., US
[86] (2999723)
[87] (2999723)
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[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING A CUSTOMIZABLE CONFIGURATION IN A HEARING AID**
[54] **SYSTEME ET PROCEDE DE GESTION D'UNE CONFIGURATION PERSONNALISABLE DANS UNE PROTHESE AUDITIVE**
[72] WESTERMANN, SOREN ERIK, DK
[72] ANDERSEN, SVEND VITTING, DK
[72] WESTERGAARD, ANDERS, DK
[72] MARETTI, NIELS ERIK BOELSKIFT, DK
[73] WIDEX A/S, DK
[85] 2018-04-27
[86] 2015-10-29 (PCT/EP2015/075110)
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[51] **Int.Cl. B23K 9/095 (2006.01) B23K 9/10 (2006.01)**
[25] EN
[54] **CONNECTION FOR A WELDING POWER SUPPLY REMOTE INTERFACE AND METHOD FOR ASSEMBLING SUCH A CONNECTION**
[54] **RACCORD POUR INTERFACE DISTANTE D'ALIMENTATION ELECTRIQUE DE SOUDAGE ET PROCEDE D'ASSEMBLAGE D'UN TEL RACCORD**
[72] CHRISTOPHER, MARK RICHARD, US
[72] LUNDIN, JOHN WALTER, US
[72] WILSON, TROY DOUGLAS, US
[72] REITMEYER, TIM JAY, US
[73] ILLINOIS TOOL WORKS INC., US
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[86] 2016-11-08 (PCT/US2016/060981)
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[30] US (62/253,102) 2015-11-09
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[51] **Int.Cl. B02C 17/02 (2006.01) B03B 9/02 (2006.01) E21B 21/06 (2006.01)**
[25] EN
[54] **ROTARY BREAKING FOR CREATING AN OIL SAND SLURRY**
[54] **FRACTURATION PAR ROTATION SERVANT A CREER UNE BOUE DE SABLE BITUMINEUX**
[72] MARKS, ANITA, CA
[72] WEATHERBEE, GRANT, CA
[72] KENNEDY, HEATHER, CA
[72] WALMSLEY, CHRIS, CA
[73] SUNCOR ENERGY INC., CA
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[25] EN
[54] **TOUCH DEVICE USABLE FOR HAIRDRESSING APPARATUS**
[54] **DISPOSITIF TACTILE POUVANT ETRE UTILISE POUR APPAREIL DE COIFFURE**
[72] YONG, XIAO, CN
[72] JIN, LIU, CN
[73] FAROUK SYSTEMS, INC., US
[85] 2018-05-14
[86] 2016-10-14 (PCT/US2016/056994)
[87] (WO2017/087101)
[30] CN (201520930566.4) 2015-11-19
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[25] EN
[54] **METHODS, APPARATUS AND ARTICLES OF MANUFACTURE TO PROVIDE SECONDARY CONTENT IN ASSOCIATION WITH PRIMARY BROADCAST MEDIA CONTENT**
[54] **PROCEDES, APPAREIL ET ARTICLES DE FABRICATION DESTINES A FOURNIR UN CONTENU SECONDAIRE EN ASSOCIATION AVEC UN CONTENU MULTIMEDIA DE DIFFUSION PRIMAIRE**
[72] HARKNESS, DAVID HENRY, US
[72] RAMASWAMY, ARUN, US
[72] SAMSON, JEROME, US
[72] BESEHANIC, JAN, US
[72] SRINIVASAN, VENUGOPAL, US
[72] TOPCHY, ALEXANDER PAVLOVICH, US
[73] THE NIELSEN COMPANY (US), LLC, US
[86] (3008502)
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[22] 2010-04-30
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[51] **Int.Cl. B67B 7/48 (2006.01) A61J 1/20 (2006.01)**
[25] EN
[54] **PIERCING MEMBER FOR CONTAINER ACCESS DEVICE**
[54] **ELEMENT DE PERCAGE POUR UN DISPOSITIF D'OUVERTURE DE RECIPIENT**
[72] IVOSEVIC, MILAN, US
[72] MARICI, PAUL PAIA, US
[73] BECTON, DICKINSON AND COMPANY LTD., IE
[86] (3008509)
[87] (3008509)
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[30] US (61/881,148) 2013-09-23
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[51] **Int.Cl. F16L 15/04 (2006.01) C23C 28/00 (2006.01) E21B 17/042 (2006.01)**
[25] EN
[54] **THREADED CONNECTION FOR PIPE OR TUBE AND METHOD FOR PRODUCING THE THREADED CONNECTION FOR PIPE OR TUBE**
[54] **RACCORD FILETE POUR TUYAU OU TUBE ET PROCEDE DE PRODUCTION DU RACCORD FILETE POUR UN TUYAU OU UN TUBE**
[72] GOTO, KUNIO, JP
[73] VALLOUREC OIL AND GAS FRANCE, FR
[73] NIPPON STEEL CORPORATION, JP
[85] 2018-06-15
[86] 2016-12-16 (PCT/JP2016/087611)
[87] (WO2017/110686)
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[54] **MOBILE TRANSFORMER TEST DEVICE AND METHOD FOR TESTING A POWER TRANSFORMER**
[54] **DISPOSITIF DE TEST DE TRANSFORMATEUR MOBILE ET PROCEDE DE TEST D'UN TRANSFORMATEUR DE PUISSANCE**
[72] KLAPPER, ULRICH, AT
[72] KUKUK, MATTHIAS, AT
[72] ENGELEN, CHRISTOPH, AT
[72] FLAX, DIRK, AT
[73] OMICRON ELECTRONICS GMBH, AT
[85] 2018-06-18
[86] 2016-12-14 (PCT/EP2016/080971)
[87] (WO2017/102828)
[30] AT (A51082/2015) 2015-12-18

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[54] **SYSTEMS AND METHODS FOR RECOVERING DESIRED LIGHT HYDROCARBONS FROM REFINERY WASTE GAS USING A BACK-END TURBOEXPANDER**
[54] **SYSTEMES ET PROCEDES DE RECUPERATION D'HYDROCARBURES LEGERS DESIRES A PARTIR DE DECHETS GAZEUX DE RAFFINERIE AU MOYEN D'UN TURBODETENDEUR AVAL**
[72] GARBOUCHIAN, BERJ, US
[72] GOLIKERI, SUDHIR, US
[72] YU, JIE, US
[72] LEUNG, VINCENT, US
[73] BECHTEL HYDROCARBON TECHNOLOGY SOLUTIONS, INC., US
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[25] EN
[54] **SLIDING SLEEVE CONNECTION**
[54] **RACCORD A MANCHON COULISSANT**
[72] HUNDESHAGEN, DORTE, DE
[72] SCHAAF, THOMAS, DE
[72] HOMBURG, HANSI, DE
[72] VOCKS, OLIVER, DE
[72] KIRCHBERGER, ANDREAS, DE
[73] REHAU AG + CO, DE
[73] REHAU CONSTRUCTION LLC., US
[85] 2018-06-21
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[87] (WO2017/108171)
[30] DE (20 2015 106 953.7) 2015-12-21

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[51] **Int.Cl. F16K 1/22 (2006.01) F16K 1/226 (2006.01) F16K 27/02 (2006.01)**
[25] EN
[54] **BUTTERFLY VALVE SEAT WITH SEAT COVER**
[54] **SIEGE DE VANNE PAPILLON AVEC PROTECTION DE SIEGE**
[72] ABOUELLEIL, ASHRAF, US
[73] MUELLER INTERNATIONAL, LLC, US
[85] 2018-06-21
[86] 2016-12-27 (PCT/US2016/068689)
[87] (WO2017/139038)
[30] US (15/042,205) 2016-02-12

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[54] **COMPOSITIONS POUR CICATRISATION DES PLAIES COMPRENANT DU MIEL DE SARRASIN ET DU METHYLGLYOXAL, ET LEURS PROCEDES D'UTILISATION**
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[72] SABACINSKI, KENNETH A., US
[73] WARDELL, MARK R., US
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[54] **BATONNET FORMANT BATTERIE POUR CIGARETTE ELECTRONIQUE**
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[54] **PROCEDE DE PREPARATION D'UN CONJUGUE ANTICORPS-RIFAMYCINE**
[72] BACHMANN, STEPHAN, CH
[72] FANTASIA, SERENA MARIA, CH
[72] JANSEN, MICHAEL, CH
[72] KOENIG, STEFAN, US
[72] LINGHU, XIN, US
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[54] **1,2,5-OXADIAZOLES CONSTITUANT DES INHIBITEURS DE L'INDOLEAMINE 2,3-DIOXYGENASE**
[72] COMBS, ANDREW P., US
[72] YUE, EDDY W., US
[72] SPARKS, RICHARD B., US
[72] ZHU, WENYU, US
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[72] LIN, QIYAN, US
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[54] **SPECTROMETRIE DE MASSE DE COMPOSES STEROIDIENS DANS DES ECHANTILLONS MULTIPLEXES**
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[54] **METHODES ET SYSTEMES DE PREFORMAGE DU FORAGE AUTOMATISE D'UN PUITS DE FORAGE**
[72] NG, CHOON-SUN JAMES, CA
[72] PASLAWSKI, DANIEL JOHN, CA
[72] EDDY, AARON, CA
[73] PASON SYSTEMS CORP., CA
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[54] **SYSTEMES POUR TRAITEMENT ABDOMINAL, DISPOSITIFS D'ADMINISTRATION ET PROCEDES CORRESPONDANTS**
[72] SIMMONS, TYLER, US
[72] SAMMONS, ALEXANDER, US
[73] KCI LICENSING, INC., US
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[54] **TUYAU SOUPLE RESISTANT AU FEU**
[72] HUDSON, JEREMY, GB
[73] AFLEX HOSE LIMITED, US
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[54] **CARBON POWDER FOR FUEL CELL AND CATALYST, ELECTRODE CATALYST LAYER, MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL USING THE CARBON POWDER FOR FUEL CELL**
[54] **POUDRE DE CARBONE POUR PILES A COMBUSTIBLE, CATALYSEUR UTILISANT LADITE POUDRE DE CARBONE POUR PILES A COMBUSTIBLE, COUCHE DE CATALYSEUR D'ELECTRODE, ENSEMBLE MEMBRANE-ELECTRODES ET PILE A COMBUSTIBLE**
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[72] TANAKA, HIROYUKI, JP
[72] ARIHARA, KAZUKI, JP
[72] MASHIO, TETSUYA, JP
[72] OHMA, ATSUSHI, JP
[72] MORISHITA, TAKAHIRO, JP
[72] SHODAI, YOSHIO, JP
[73] NISSAN MOTOR CO., LTD., JP
[73] TOYO TANSO CO., LTD., JP
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[54] **HOT-DIP GALVANIZATION SYSTEM AND HOT-DIP GALVANIZATION METHOD**
[54] **INSTALLATION DE GALVANISATION A CHAUD ET PROCEDE DE GALVANISATION A CHAUD**
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[72] BAUMGURTEL, LARS, DE
[73] FONTAINE HOLDINGS NV, BE
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[54] **DISPOSITIF DE RACCORDEMENT DE TUYAU A VERROUILLAGE A INDICATEUR**
[72] CROMPTON, DAVID B., US
[72] DIAS, LIBARDO O., US
[72] BOUCHARD, HERBERT J., US
[73] QUICK FITTING, INC., US
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[54] **SYSTEME ET PROCEDE D'ASSEMBLAGE DE TAPIS ANTI-EROSION**
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[72] MOTZ, MATTHEW J., US
[73] MOTZ ENTERPRISES, INC., US
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[54] **SAFETY PEN NEEDLE ASSEMBLY**
[54] **ENSEMBLE AIGUILLE DE STYLO SECURISE**
[72] RUAN, TIEMING, US
[72] BANIK, ROBERT, US
[72] ZAIKEN, ELIOT, US
[72] QUINN, MICHAEL VINCENT, US
[72] SEARLE, GARY, US
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[25] EN
[54] **MOBILE DISTRIBUTION STATION WITH FAIL-SAFES**
[54] **STATION DE DISTRIBUTION MOBILE A SECURITE INTEGREE**
[72] SHOCK, RICKY DEAN, US
[73] FUEL AUTOMATION STATION, LLC, US
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[25] EN
[54] **ABRASION-RESISTANT STEEL PLATE AND METHOD OF PRODUCING ABRASION-RESISTANT STEEL PLATE**
[54] **TOLE D'ACIER RESISTANTE A L'ABRASION ET PROCEDE DE PRODUCTION DE TOLE D'ACIER RESISTANTE A L'ABRASION**
[72] TERAZAWA, YUSUKE, JP
[72] TAKAYAMA, NAOKI, JP
[72] HAYASHI, KENJI, JP
[72] HASE, KAZUKUNI, JP
[73] JFE STEEL CORPORATION, JP
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[54] **METHOD FOR SMELTING OXIDE ORE**
[54] **PROCEDE DE FUSION DE MINERAI D'OXYDE**
[72] ISEKI, TAKASHI, JP
[72] GODA, YUKIHIRO, JP
[72] KOBAYASHI, JUN-ICHI, JP
[72] OKADA, SHUJI, JP
[73] SUMITOMO METAL MINING CO., LTD., JP
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[54] **ANAEROBIC CURING FORMULATIONS FOR SEALING AND BLOCKING BOLTS AND NUTS**
[54] **FORMULATIONS DE DURCISSEMENT ANAEROBIE POUR RENDRE ETANCHES ET BLOQUER DES BOULONS ET DES ECROUS**
[72] AITA, GASPARE, IT
[72] CALASSO, ANTONIO, JR., IT
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[54] **DISPOSITIF ET PROCEDE DE SOUDAGE PAR FRICTION-MALAXAGE DE DEUX PIECES, PERMETTANT DE PREVENIR LA CONTAMINATION DE RESIDUS DE SOUDAGE D'UN JOINTSOUDE**
[72] WEIGL, MARKUS, DE
[72] FEINEIS, ALEXANDER, DE
[73] GRENZEBACH MASCHINENBAU GMBH, DE
[85] 2018-10-22
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[54] **FOOD HEATING DEVICE WITH MULTILAYER SHELF**
[54] **DISPOSITIF CHAUFFANT LES ALIMENTS COMPORTANT UNE TABLETTE MULTICOUCHE**
[72] CHEN, HUNG-WEI, CN
[72] CHANG, HSIU-CHUAN, CN
[72] LIU, KUO-YI, CN
[72] YANG, LI-PING, CN
[72] TAI, CHUN-LING, CN
[73] PRESIDENT CHAIN STORE CORP., CN
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[54] **POWER-LIQUID BONE CEMENT MIXER WITH COMPRESSED GAS CONNECTION**
[54] **MELANGEUR DE CIMENT ORTHOPEDIQUE LIQUIDE-POUDRE COMPORTANT UNE CONNEXION DE GAZ COMPRIME**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[73] HERAEUS MEDICAL GMBH, DE
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[54] **METHOD AND SYSTEM FOR MOBILE DISTRIBUTION STATION**
[54] **PROCEDE ET SYSTEME POUR STATION DE REPARTITION MOBILE**
[72] KALALA, SATISH KUMAR, US
[72] SHAH, JITESH SHANTILAL, US
[73] FUEL AUTOMATION STATION, LLC, US
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[54] **MOBILE DISTRIBUTION STATION HAVING SENSOR COMMUNICATION LINES ROUTED WITH HOSES**
[54] **STATION DE REPARTITION MOBILE DOTEE DE LIGNES DE COMMUNICATION DE CAPTEUR MONTEES AVEC DES TUYAUX**
[72] SHOCK, RICKY DEAN, US
[73] FUEL AUTOMATION STATION, LLC, US
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[54] **MOBILE DISTRIBUTION STATION WITH GUIDED WAVE RADAR FUEL LEVEL SENSORS**
[54] **STATION DE REPARTITION MOBILE AVEC CAPTEURS DE NIVEAU DE CARBURANT RADAR A ONDES GUIDEES**
[72] SHOCK, RICKY DEAN, US
[73] FUEL AUTOMATION STATION, LLC, US
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[54] **HOLLOW FIBER DEGASSING MODULE, AND METHOD OF DEGASSING LIQUID USING SAID HOLLOW FIBER DEGASSING MODULE**
[54] **MODULE DE DEGAZAGE A FIBRES CREUSES ET PROCEDE DE DEGAZAGE DE LIQUIDE UTILISANT LEDIT MODULE DE DEGAZAGE A FIBRES CREUSES**
[72] FUJIEDA, SHIGEAKI, JP
[72] OI, KAZUMI, JP
[72] SUGANUMA, YOUHEI, JP
[73] DIC CORPORATION, JP
[85] 2018-11-06
[86] 2017-06-28 (PCT/JP2017/023708)
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[54] **PAINT MIXTURE AND LINT REMOVAL METHOD**
[54] **METHODE D'ENLEVEMENT DE CHARPIE ET MELANGE DE PEINTURE**
[72] TRAN, AI VAN, JP
[73] KOHEI LIMITED COMPANY, JP
[86] (3023897)
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[54] **ENSEMBLE CIRCUIT A BAGUE DE RESSORT**
[72] JAEGER, TALBOT, US
[73] NOVAWURKS, INC., US
[85] 2018-11-14
[86] 2016-05-02 (PCT/US2016/030353)
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[54] **METHOD AND FLUX FOR HOT GALVANIZATION**
[54] **PROCEDE ET FLUX POUR LA GALVANISATION A CHAUD**
[72] BAUMGURTEL, LARS, DE
[72] PINGER, THOMAS, DE
[73] FONTAINE HOLDINGS NV, BE
[85] 2018-11-30
[86] 2017-03-13 (PCT/EP2017/055798)
[87] (WO2017/215796)
[30] DE (10 2016 007 107.9) 2016-06-13
[30] DE (10 2016 111 725.0) 2016-06-27

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[54] **DISPOSITIF UROLOGIQUE COMPRENANT UNE VALVULE D'EXTENSION**
[72] BEHAN, NIALL, IE
[73] COLOPLAST A/S, DK
[86] (3026550)
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[54] **ROBOT CONTROL SYSTEM AND ROBOT CONTROL METHOD**
[54] **SYSTEME DE COMMANDE ROBOT ET PROCEDE DE COMMANDE DE ROBOT**
[72] KONO, AKIRA, JP
[72] GOTO, TAKUYA, JP
[72] YAMADA, TAKESHI, JP
[72] NAKAMURA, KATSUMI, JP
[72] NAKAMURA, KAZUTO, JP
[72] TSURUDA, KENICHI, JP
[72] INAGAKI, TAKAHIRO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2018-12-06
[86] 2017-06-08 (PCT/JP2017/021248)
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[30] JP (2016-121681) 2016-06-20

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[54] **CONSUMABLE PACKER ELEMENT PROTECTION FOR IMPROVED RUN-IN TIMES**
[54] **PROTECTION D'ELEMENT DE GARNITURE D'ETANCHEITE CONSOMMABLE POUR DES PERIODES DE RODAGE AMELIOREES**
[72] STOKES, MATTHEW BRADLEY, US
[72] HENCKEL, MICHELLE BRIANNE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-12-13
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[54] **BEAM SPLIT EXTENDED DYNAMIC RANGE IMAGE CAPTURE SYSTEM**
[54] **SYSTEME DE CAPTURE D'IMAGES A PLAGE DYNAMIQUE ETENDUE A DIVISION DE FAISCEAU**
[72] LEWKOW, ROMAN, US
[72] SHAND, MARK ALEXANDER, US
[73] WAYMO LLC, US
[85] 2018-12-17
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[87] (WO2018/026599)
[30] US (15/227,113) 2016-08-03

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[51] **Int.Cl. F42D 1/045 (2006.01) F42D 1/055 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR WIRELESS BLASTING**
[54] **PROCEDE ET APPAREIL D'ABATTAGE A L'EXPLOSIF SANS FIL**
[72] PAPILLON, BRYAN E., US
[72] HOWE, LARRY S., US
[72] TEOWEE, GIMTONG, US
[72] HOOPES, THOMAS ALLEN, US
[73] AUSTIN STAR DETONATOR COMPANY, US
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[54] **SURFACE STEERABLE DRILLING SYSTEM FOR USE WITH ROTARY STEERABLE SYSTEM**
[54] **SYSTEME DE FORAGE ORIENTABLE DE SURFACE DESTINE A ETRE UTILISE AVEC UN SYSTEME ROTARY ORIENTABLE**
[72] BENSON, TODD W., US
[72] CHEN, TEDDY, US
[72] WILMES, JOEL, US
[73] MOTIVE DRILLING TECHNOLOGIES, INC., US
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[54] **LIQUID-DISPENSING CONTAINER WITH MULTIPLE-POSITION SELECTOR**
[54] **RECIPIENT DE DISTRIBUTION DE LIQUIDE A SELECTEUR DE POSITIONS MULTIPLES**
[72] HIRST, NATHAN K., US
[72] COLBY, JIM A., US
[72] MEYERS, DAVID O., US
[72] JACOBSEN, JOSEPH O., US
[73] RUNWAY BLUE, LLC, US
[85] 2019-01-31
[86] 2017-06-20 (PCT/US2017/038346)
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[51] **Int.Cl. E21B 47/00 (2012.01) G01V 1/40 (2006.01) G01V 1/48 (2006.01)**
[25] EN
[54] **MULTIVARIATE ANALYSIS OF SEISMIC DATA, MICROSEISMIC DATA, AND PETROPHYSICAL PROPERTIES IN FRACTURE MODELING**
[54] **ANALYSE A PLUSIEURS VARIABLES DE DONNEES SISMIQUES, DE DONNEES MICROSISMIQUES ET DE PROPRIETES PETROPHYSIQUES DANS UNE MODELISATION DE FRACTURE**
[72] DEV, ASHWANI, US
[72] VALLABHANENI, SRIDHARAN, US
[72] VELASCO, RAQUEL MORAG, US
[72] YARUS, JEFFREY MARC, US
[73] LANDMARK GRAPHICS CORPORATION, US
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[25] EN
[54] **DENTAL SYSTEM**
[54] **SYSTEME A USAGE DENTAIRE**
[72] SCHROCK, RAINER, AT
[72] TANNEBAUM, WOLFGANG, DE
[73] W & H DENTALWERK BUERMOOS GMBH, AT
[86] (3032937)
[87] (3032937)
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[25] EN
[54] **METALLURGICAL VESSEL LINING WITH ENCLOSED METAL LAYER**
[54] **REVETEMENT DE RECIPIENT METALLURGIQUE DOTE D'UNE COUCHE METALLIQUE ENFERMEE**
[72] JANSSEN, DOMINIQUE (DECEASED), US
[72] SIMOES, JOSE, PT
[72] MADDALENA, ROGER, US
[72] MOHANTY, BEDA, US
[73] VESUVIUS USA CORPORATION, US
[85] 2019-02-05
[86] 2017-08-16 (PCT/US2017/047049)
[87] (WO2018/038983)
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[51] **Int.Cl. H05B 6/10 (2006.01) C21D 1/42 (2006.01) H05B 6/36 (2006.01)**
[25] EN
[54] **ELECTRIC INDUCTION HEAT TREATMENT OF CONTINUOUS LONGITUDINALLY-ORIENTED WORKPIECES**
[54] **TRAITEMENT THERMIQUE PAR INDUCTION ELECTRIQUE DE PIECES ORIENTEES LONGITUDINALEMENT**
[72] MORTIMER, JOHN JUSTIN, US
[73] RADYNE CORPORATION, US
[86] (3034522)
[87] (3034522)
[22] 2011-09-23
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[25] EN
[54] **PYRIDONE AND AZA-PYRIDONE COMPOUNDS AND METHODS OF USE**
[54] **COMPOSES DE PYRIDONE ET D'AZA-PYRIDONE ET LEURS PROCEDES D'UTILISATION**
[72] BARBOSA, ANTONIO J. M., US
[72] BLOMGREN, PETER A., US
[72] CURRIE, KEVIN S., US
[72] KRISHNAMOORTHY, RAVI, US
[72] KROPF, JEFFREY E., US
[72] LEE, SEUNG H., US
[72] MITCHELL, SCOTT A., US
[72] ORTWINE, DANIEL, US
[72] SCHMITT, AARON C., US
[72] WANG, XIAOJING, US
[72] XU, JIANJUN, US
[72] YOUNG, WENDY, US
[72] ZHANG, HONGLU, US
[72] ZHAO, ZHONGDONG, US
[72] ZHICHKIN, PAVEL E., US
[73] GENENTECH, INC., US
[73] GILEAD CONNECTICUT, INC., US
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[87] (3034600)
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[51] **Int.Cl. B42D 25/30 (2014.01)**
[25] EN
[54] **CARD-SHAPED DATA CARRIER WITH OPTICAL FEATURES**
[54] **SUPPORT DE DONNEES EN FORME DE CARTE COMPRENANT DES CARACTERISTIQUES OPTIQUES**
[72] RIEDL, JOSEF, DE
[72] ENDRES, GUNTER, DE
[73] GIESECKE+DEVRIENT MOBILE SECURITY GMBH, DE
[85] 2019-02-27
[86] 2017-09-12 (PCT/EP2017/001081)
[87] (WO2018/050281)
[30] DE (10 2016 011 220.4) 2016-09-16

[11] **3,039,558**
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[51] **Int.Cl. B23Q 1/25 (2006.01) B23K 37/04 (2006.01) B23Q 16/00 (2006.01) B66F 3/30 (2006.01) B66F 3/46 (2006.01) F15B 15/24 (2006.01) F15B 15/26 (2006.01) F15B 15/28 (2006.01)**
[25] EN
[54] **HYDRAULIC POSITIONER FOR LARGE AND HEAVY WORK PIECES**
[54] **POSITIONNEUR HYDRAULIQUE POUR PIECES LOURDES ET GROSSES**
[72] GRUNNET, DOUGLAS, US
[72] BRUNENN, COLTEN JAY, US
[72] DONETH, ROBERT BRIAN, US
[72] HILL, EVAN JACOB, US
[73] ALM POSITIONERS, INC., US
[86] (3039558)
[87] (3039558)
[22] 2019-04-08
[30] US (16/017124) 2018-06-25

[11] **3,040,563**
[13] C
[51] **Int.Cl. G01N 37/00 (2006.01) G01N 23/16 (2018.01) G01M 13/023 (2019.01)**
[25] EN
[54] **METHOD FOR DETECTING A DEFLECTION, SCANNING APPARATUS, AND USE OF A BLOCKING DEVICE FOR DETECTING A DEFLECTION**
[54] **PROCEDE DE DETECTION DE DEVIATION, APPAREIL DE BALAYAGE ET UTILISATION D'UN DISPOSITIF DE BLOCAGE POUR DETECTER UNE DEVIATION**
[72] CHEN, SHIH-CHIN, US
[72] LIU, CHANG YUAN, US
[72] HELLSTROM, AKE A., US
[73] ABB SCHWEIZ AG, CH
[85] 2019-04-15
[86] 2017-09-27 (PCT/EP2017/074445)
[87] (WO2018/069042)
[30] EP (16194011.9) 2016-10-14

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[51] **Int.Cl. B64F 1/04 (2006.01) B64C 39/02 (2006.01) F41F 1/00 (2006.01) F41F 3/04 (2006.01)**
[25] EN
[54] **REINFORCED UNMANNED AERIAL VEHICLE LAUNCH TUBE**
[54] **TUBE RENFORCE DE LANCEMENT D'UN VEHICULE AERIEN TELEGUIDE**
[72] MIRALLES, CARLOS THOMAS, US
[72] SU, GUAN H., US
[72] ANDRYUKOV, OLEKSANDR, US
[72] MCNEIL, JOHN, US
[73] AEROVIRONMENT, INC., US
[86] (3041106)
[87] (3041106)
[22] 2010-09-09
[62] 3,011,940
[30] US (61/240,987) 2009-09-09
[30] US (61/240,996) 2009-09-09
[30] US (61/241,001) 2009-09-09

[11] **3,041,891**
[13] C
[51] **Int.Cl. H04N 19/159 (2014.01) H04N 19/172 (2014.01) H04N 19/50 (2014.01)**
[25] EN
[54] **MOVING IMAGE PREDICTION ENCODING DEVICE, MOVING IMAGE PREDICTION ENCODING METHOD, MOVING IMAGE PREDICTION ENCODING PROGRAM, MOVING IMAGE PREDICTION DECODING DEVICE, MOVING IMAGE PREDICTION DECODING METHOD, AND MOVING IMAGE PREDICTION DECODING PROGRAM**
[54] **DISPOSITIF DE CODAGE PREDICTIF D'IMAGE ANIMEE, PROCEDE DE CODAGE PREDICTIF D'IMAGE ANIMEE, PROGRAMME DE CODAGE PREDICTIF D'IMAGE ANIMEE, DISPOSITIF DE DECODAGE PREDICTIF D'IMAGE ANIMEE, PROCEDE DE DECODAGE PREDICTIF D'IMAGE ANIMEE ET PROGRAMME DE DECODAGE PREDICTIF D'IMAGE ANIMEE**
[72] BOON, CHOONG SENG, JP
[72] SUZUKI, YOSHINORI, JP
[72] FUJIBAYASHI, AKIRA, JP
[72] TAN, THIOW KENG, JP
[73] NTT DOCOMO, INC., JP
[86] (3041891)
[87] (3041891)
[22] 2011-03-14
[62] 2,935,201
[30] JP (2010-061337) 2010-03-17

[11] **3,042,453**
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[51] **Int.Cl. H04N 5/232 (2006.01) H04N 21/80 (2011.01) A63B 71/06 (2006.01) H04N 5/262 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ANALYZING EVENT DATA**
[54] **SYSTEMES ET PROCEDES D'ANALYSE DE DONNEES D'EVENEMENT**
[72] DEANGELIS, DOUGLAS J., US
[72] SIGEL, KIRK M., US
[72] EVANSEN, EDWARD G., US
[73] ISOLYNX, LLC, US
[86] (3042453)
[87] (3042453)
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[62] 2,956,821
[30] US (61/292,386) 2010-01-05

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[13] C
[51] **Int.Cl. E21D 9/00 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **STRESS-TRANSFER METHOD IN TUNNEL WITH HIGH GROUND PRESSURE BASED ON FRACFRACTURING RING**
[54] **METHODE DE TRANSFERT DE CONTRAINTE DANS UN TUNNEL A PRESSION ELEVEE FONDEE SUR UN ANNEAU DE FRACTURATION**
[72] HUANG, BINGXIANG, CN
[72] LIU, JIANGWEI, CN
[72] ZHAO, XINGLONG, CN
[72] CHEN, SHULIANG, CN
[73] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[73] XUZHOU USURE MINING TECHNOLOGY CO., LTD, CN
[85] 2019-05-17
[86] 2017-09-30 (PCT/CN2017/104696)
[87] (WO2018/205492)
[30] CN (201710324648.8) 2017-05-10

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[13] C
[51] **Int.Cl. B02B 1/00 (2006.01) B02B 3/00 (2006.01) D01B 1/14 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROCESSING WHOLE PLANT MATERIALS INTO SEPARATED COMPONENTS**
[54] **SYSTEMES ET METHODES DE TRAITEMENT DE MATERIAUX VEGETAUX ENTIERS EN COMPOSANTES SEPAREES**
[72] PILDYSH, MIKHAIL, CA
[73] CANADIAN GREENFIELD TECHNOLOGIES CORP., CA
[86] (3047756)
[87] (3047756)
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[51] **Int.Cl. B65H 29/20 (2006.01) B65H 29/52 (2006.01) B41J 13/00 (2006.01) B65H 31/02 (2006.01)**
[25] EN
[54] **PRINTER HAVING FRONT-END PAPER FEEDING AND FRONT-END PAPER OUTPUTTING AND BEING CAPABLE OF CHANGING PAPER DISCHARGE PATH**
[54] **IMPRIMANTE AYANT UNE ALIMENTATION EN PAPIER D'EXTREMITE AVANT ET UNE SORTIE DE PAPIER D'EXTREMITE AVANT ET ETANT APTE A CHANGER UN TRAJET DE DECHARGE DE PAPIER**
[72] LIN, YI, CN
[73] LIN, YI, CN
[85] 2019-06-27
[86] 2018-09-11 (PCT/CN2018/104950)
[87] (WO2019/085647)
[30] CN (201810639488.0) 2018-06-20

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[13] C
[51] **Int.Cl. B60L 7/14 (2006.01) B60L 9/18 (2006.01) B60L 15/20 (2006.01)**
[25] EN
[54] **CONTROL METHOD FOR ELECTRICALLY DRIVEN VEHICLE AND CONTROL DEVICE FOR ELECTRICALLY DRIVEN VEHICLE**
[54] **PROCEDE DE COMMANDE DE VEHICULE A PROPULSION ELECTRIQUE ET DISPOSITIF DE COMMANDE DE VEHICULE A PROPULSION ELECTRIQUE**
[72] SHINDO, IKUMA, JP
[72] SUZUKI, TATSUYA, JP
[72] MIYASHITA, NAOKI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2019-07-18
[86] 2018-01-19 (PCT/JP2018/001672)
[87] (WO2018/139375)
[30] JP (2017-010568) 2017-01-24

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[13] C
[51] **Int.Cl. G08G 1/0968 (2006.01)**
[25] EN
[54] **DYNAMIC DISPLAY OF ROUTE PREVIEW INFORMATION**
[54] **AFFICHAGE DYNAMIQUE D'INFORMATIONS DE PREVISUALISATION D'ITINERAIRE**
[72] TAO, CHRISTINE MISUYE, US
[72] MALIK, NADEEM, US
[72] ATTAYADMAWITTAYA, PAWEENA, US
[72] HAUGLI, CHRISTOPHER, US
[72] SANCHEZ, CHRISTOPHER MICHAEL, US
[72] WACHSMAN, CADY, US
[72] SUH, JANICE J., US
[72] MOORE, CHRISTOPHER, US
[72] KIM, EVELYN, US
[72] SAI, JAYANT B., US
[73] UBER TECHNOLOGIES, INC., US
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[87] (WO2018/154544)
[30] US (62/464,310) 2017-02-27

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[51] **Int.Cl. G02B 6/35 (2006.01)**
[25] EN
[54] **OPTICAL FIBER INTERCONNECT MANAGEMENT**
[54] **GESTION D'INTERCONNEXION DE FIBRES OPTIQUES**
[72] AROL, JOSEPH, IL
[72] AVRAHAMI, ZOHAR, IL
[72] SOKOLOVSKY, SOLOMON, AU
[72] NONDJUY, SOPIT, TH
[72] JAIKAEW, PATCHARIN, TH
[73] XENOPTICS IP HOLDINGS PTY LTD., AU
[85] 2019-09-18
[86] 2018-03-21 (PCT/IL2018/050324)
[87] (WO2018/173055)
[30] US (62/474,110) 2017-03-21

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[13] C
[51] **Int.Cl. A61M 27/00 (2006.01) A61B 5/00 (2006.01) A61B 5/03 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR A CEREBROSPINAL FLUID FLOW DETECTOR**
[54] **SYSTEMES ET PROCEDES POUR UN DETECTEUR D'ECOULEMENT DE LIQUIDE CEPHALO-RACHIDIEN**
[72] SHEEHY, JOHN PAUL, US
[73] DIGNITY HEALTH, US
[85] 2019-10-03
[86] 2017-04-20 (PCT/US2017/028536)
[87] (WO2017/184824)
[30] US (62/324,971) 2016-04-20

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[13] C
[51] **Int.Cl. B60L 9/18 (2006.01)**
[25] EN
[54] **CONTROL METHOD FOR ELECTRIC VEHICLE AND CONTROL DEVICE FOR ELECTRIC VEHICLE**
[54] **PROCEDE DE COMMANDE DE VEHICULE ELECTRIQUE, ET DISPOSITIF DE COMMANDE**
[72] KUJUBU, NAOTERU, JP
[72] SUZUKI, TATSUYA, JP
[72] SHINDO, IKUMA, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2019-07-17
[86] 2017-01-24 (PCT/JP2017/002382)
[87] (WO2018/138780)

[11] **3,060,860**
[13] C
[51] **Int.Cl. E01C 5/00 (2006.01)**
[25] EN
[54] **GROUND REINFORCING STRUCTURE AND RELATED METHOD**
[54] **STRUCTURE DE RENFORT DU SOL ET PROCEDE CONNEXE**
[72] KULICK, FRANK M., III, US
[72] LINGLE, LUKE, US
[73] BRENTWOOD INDUSTRIES, INC., US
[85] 2019-11-04
[86] 2018-10-12 (PCT/US2018/055605)
[87] (WO2020/072081)
[30] US (16/153,057) 2018-10-05

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[51] **Int.Cl. D21H 17/37 (2006.01) C08F 2/00 (2006.01) C08F 220/56 (2006.01) D21H 21/18 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING (METH)ACRYLAMIDE POLYMER PAPERMAKING ADDITIVE AND (METH)ACRYLAMIDE POLYMER PAPERMAKING ADDITIVE**
[54] **PROCEDE DE PRODUCTION D'ADDITIF DE FABRICATION DE PAPIER POLYMERE A BASE DE (METH)ACRYLAMIDE ET ADDITIF DE FABRICATION DE PAPIER POLYMERE A BASE DE (METH)ACRYLAMIDE**
[72] HORII, TADAAKI, JP
[72] SATO, HIROTAKA, JP
[72] KURIHARA, TAKANORI, JP
[72] FUJIWARA, TAKAHIRO, JP
[72] INAOKA, KAZUSHIGE, JP
[73] HARIMA CHEMICALS, INCORPORATED, JP
[85] 2019-12-20
[86] 2018-04-27 (PCT/JP2018/017171)
[87] (WO2019/003625)
[30] JP (2017-125961) 2017-06-28

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[13] C
[51] **Int.Cl. B23K 35/363 (2006.01)**
[25] EN
[54] **FLUX AND SOLDER MATERIAL**
[54] **FLUX ET MATERIAU DE BRASAGE**
[72] UCHIDA, NORIYOSHI, JP
[73] KOKI COMPANY LIMITED, JP
[85] 2020-01-02
[86] 2018-06-22 (PCT/JP2018/023757)
[87] (WO2019/009097)
[30] JP (2017-130727) 2017-07-03

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[51] **Int.Cl. E21B 7/24 (2006.01) E21B 4/00 (2006.01)**
[25] EN
[54] **DOWNHOLE OSCILLATION APPARATUS**
[54] **APPAREIL D'OSCILLATION DE FOND DE TROU**
[72] SICILIAN, JOSHUA ALAN, US
[72] ALI, FARAZ, US
[72] CUDDAPAH, AVINASH, US
[73] REME TECHNOLOGIES, LLC, US
[85] 2020-01-08
[86] 2018-07-17 (PCT/US2018/042413)
[87] (WO2019/018351)
[30] US (15/652,511) 2017-07-18

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[13] C
[51] **Int.Cl. B07B 1/46 (2006.01)**
[25] EN
[54] **SCREEN SEGMENT COMPRISING WEAR-RESISTANT ELEMENTS**
[54] **SEGMENT DE CRIBLAGE MUNI D'ELEMENTS DE PROTECTION CONTRE L'USURE**
[72] IRMAK, BARIS, DE
[72] EVERMANN, DANIEL, DE
[73] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
[73] THYSSENKRUPP AG, DE
[85] 2020-01-10
[86] 2018-07-12 (PCT/EP2018/068933)
[87] (WO2019/012039)
[30] DE (10 2017 211 958.6) 2017-07-12

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[13] C
[51] **Int.Cl. A22C 21/00 (2006.01)**
[25] EN
[54] **LIFTING APPARATUS, DESIGNED TO LIFT POULTRY LEGS CONVEYED HANGING IN A ROW**
[54] **DISPOSITIF DE LEVAGE CONCU POUR LEVER DES PATTES DE VOLAILLES TRANSPORTEES SUSPENDUES EN UNE RANGEE**
[72] EBBERS, HERMANUS GODEFRIDUS WILHELMUS, NL
[73] LINCO FOOD SYSTEMS A/S, DK
[85] 2020-01-17
[86] 2018-08-20 (PCT/EP2018/072438)
[87] (WO2019/038231)
[30] DE (10 2017 119 059.7) 2017-08-21

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[25] EN
[54] **SCAVENGER PROTEIN(S) FOR IMPROVED PRESERVATION OF ANALYTE DETECTION SENSOR(S) AND METHOD(S) OF USE THEREOF**
[54] **PROTEINE(S) EBOUEUR POUR UNE CONSERVATION AMELIOREE D'UN OU PLUSIEURS CAPTEURS DE DETECTION D'ANALYTE ET PROCEDE(S) D'UTILISATION ASSOCIE(S)**
[72] COX, JANINE, US
[72] LAWRENCE, CHRISTOPHER, US
[72] NARAYAN, MURLI, US
[72] LEDDEN, DAVID, US
[73] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
[85] 2020-01-29
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[87] (WO2019/027879)
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[54] **PERSONALIZED AUDIO/VIDEO INVITATIONS FOR PHONE CALLS**
[54] **INVITATIONS AUDIO/VIDEO PERSONNALISEES POUR APPELS TELEPHONIQUES**
[72] BORUKHOFF, STANISLAV, US
[73] MOBILINE, INC., US
[85] 2020-04-10
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[54] **LIGHT-REDIRECTING OPTICAL DAYLIGHTING SYSTEM**
[54] **SYSTEME OPTIQUE DE REORIENTATION DE LA LUMIERE DU JOUR**
[72] ROGERS, ZACHARY L, US
[72] HOLTZ, MICHAEL J, US
[73] LIGHTLOUVER LLC, US
[85] 2020-05-12
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[51] **Int.Cl. H04L 12/28 (2006.01) H04L 12/721 (2013.01)**
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[54] **ISOLATING SERVICES ACROSS A SINGLE PHYSICAL NETWORK INTERFACE**
[54] **ISOLATION DE SERVICES DANS UNE INTERFACE DE RESEAU PHYSIQUE UNIQUE**
[72] PETERSON, JEFFREY, US
[72] TURNER, ERIC, US
[72] PETERSON, ROBERT, US
[73] ENTRY POINT, LLC, US
[85] 2020-06-19
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[54] **RADAR DEVICE**
[54] **DISPOSITIF RADAR**
[72] TAKAHASHI, RYUHEI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
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[54] **COMPOSITE STUD WALL PANEL ASSEMBLY**
[54] **ENSEMBLE CLOISON MURALE EN COMPOSITE**
[72] EL-DOMIATY, KHALED, US
[72] BULLOCK, GARY, AU
[71] PROTECTIFLEX, LLC, US
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[25] EN
[54] **GEMSTONE SETTING AND METHOD OF SETTING A GEMSTONE**
[54] **MONTURE DE PIERRES PRECIEUSES ET PROCEDE POUR LES MONTER**
[72] AGOPIAN, VAHE STEVE, CA
[71] SECA GEMS LTD., CA
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[54] **LED LIGHT STRIP**
[54] **BANDE DE LUMIERE DEL**
[72] LI, XIAOPING, CN
[71] GUANGDONG OML TECHNOLOGY CO., LTD, CN
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[54] **COMBINATION ASSEMBLY SET OF DISPOSABLE UTENSILS AND DISHES**
[54] **JEU DE MONTAGE COMBINE D'USTENSILES ET DE VAISSELLES JETABLES**
[72] REID, KIMM, CA
[72] WILLIAMS, PATRICK, US
[71] REID, KIMM, CA
[71] WILLIAMS, PATRICK, US
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[54] **CUTTING FLUID DELIVERY SYSTEM FOR A SAWMILL, AND A SAWMILL INCORPORATING SAME**
[54] **SYSTEME DE SORTIE DU FLUIDE DE COUPE POUR UNE SCIERIE, ET UNE SCIERIE INCORPORANT LEDIT SYSTEME**
[72] BRAMLEY, NEIL K., CA
[72] MALCOLM, JOSHUA J., CA
[72] DOHERTY, JEFFREY F., CA
[71] WOODLAND MILLS INC., CA
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[25] EN
[54] **METHOD AND APPARATUS FOR APPLYING CEMENTITIOUS POLYURETHANE**
[54] **PROCEDE ET APPAREIL POUR APPLIQUER DU POLYURETHANNE CIMENTAIRE**
[72] UNKNOWN, XX
[71] SLEIGHTHOLME, PAUL, CA
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[51] **Int.Cl. A45F 5/10 (2006.01) A45F 5/00 (2006.01)**
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[54] **CARRYING APPARATUS**
[54] **APPAREIL DE TRANSPORT**
[72] RIALL, MATTHEW, CA
[72] RIALL, CHRISTOPHER, CA
[71] RIALL, MATTHEW, CA
[71] RIALL, CHRISTOPHER, CA
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[25] EN
[54] **A SYSTEM AND METHOD FOR DESALINATION**
[54] **SYSTEME ET PROCEDE POUR LE DESSALEMENT**
[72] BUSH, GARRY, CA
[71] BUSH, GARRY, CA
[22] 2019-04-26
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[54] **GAMING SELECTION MANIPULATION APPARATUS**
[54] **APPAREIL DE MANIPULATION DE LA SELECTION DE JEUX**
[72] HOUSE, JOHN C., CA
[71] HOUSE, JOHN C., CA
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[54] **METHOD OF PROCESSING AND VISUALIZING PROSTHETIC SOCKET PRESSURE SENSOR SIGNALS AS BIOFEEDBACK**
[54] **PROCEDE DE TRAITEMENT ET DE VISUALISATION DES SIGNAUX DU CAPTEUR DE PRESSION D`UNE EMBOITURE DE PROTHESE COMME RETROACTION BIOLOGIQUE**
[72] TUNG, JAMES, CA
[72] MURDOCK, ROBIN WARD, CA
[72] ANDREAS, SCHIRM, CA
[72] DITTMER, DOUG, CA
[72] COOPER, SIMON, CA
[71] TUNG, JAMES, CA
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[25] EN
[54] **FEED WATER SUPPLEMENTARY THERMAL EXCHANGE APPARATUS, SYSTEM AND METHOD**
[54] **APPAREIL, SYSTEME ET METHODE D`ECHANGE THERMIQUE SUPPLEMENTAIRE D'EAU D`ALIMENTATION**
[72] FOTINOS, DENNIS, CA
[72] CONDIE, STEPHEN, CA
[71] NOVENTA ENERGY PARTNERS, CA
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[25] EN
[54] **MACHINE LEARNING CLASSIFIER FOR IDENTIFYING INTERNET SERVICE PROVIDERS FROM WEBSITE TRACKING**
[54] **CLASSIFIEUR D`APPRENTISSAGE AUTOMATIQUE POUR DETERMINER LES FOURNISSEURS DE SERVICES INTERNET DEPUIS LA SURVEILLANCE WEB**
[72] CHOUDHARY, LAVINA, US
[72] BEVERIDGE, JAMES, US
[72] SCHWARM, ALEXANDER T., US
[72] VIKRAM, ANUDIT, US
[71] THE DUN & BRADSTREET CORPORATION, US
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[25] EN
[54] **APPARATUS, METHOD AND WELLBORE INSTALLATION TO MITIGATE HEAT DAMAGE TO WELL COMPONENTS DURING HIGH TEMPERATURE FLUID INJECTION**
[54] **APPAREIL, PROCEDE ET INSTALLATION D`UN PUITS DE FORAGE POUR ATTENUER LES DOMMAGES THERMIQUES AUX COMPOSANTS DU PUITS PENDANT L`INJECTION DE FLUIDE A TEMPERATURE ELEVEE**
[72] THOMPSON, DANIEL, CA
[72] KAY, BRIAN, CA
[72] SOPKO, WES, CA
[72] WIEBE, KEVIN, CA
[71] GENERAL ENERGY RECOVERY INC., CA
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[51] **Int.Cl. A63B 69/00 (2006.01) A63B 22/00 (2006.01)**
[25] EN
[54] **THE PARA METHOD**
[54] **METHODE PARA**
[72] UNKNOWN, XX
[71] JOFFRE, DREW, CA
[22] 2019-04-30
[41] 2020-10-30

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[51] **Int.Cl. A01K 27/00 (2006.01) A01K 5/00 (2006.01)**
[25] EN
[54] **MAGNETIC PET COLLAR COVER AND MAGNETIC FEEDER BELT**
[54] **ENVELOPPE MAGNETIQUE DE COLLIER POUR ANIMAUX ET COURROIE D`ALIMENTATION MAGNETIQUE**
[72] MARIN-ECHEAGARAY, NORMA A., CA
[71] MARIN-ECHEAGARAY, NORMA A., CA
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[25] EN
[54] **BARRIER CARRIER TRAILER**
[54] **REMORQUE DE TRANSPORT DE BARRIERES**
[72] SAGOO, MANIPAL S., CA
[71] SAGOO, MANIPAL S., CA
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[54] **ULTRA-LOW FLASH TOILET SYSTEM**
[54] **TOILETTE A CHASSE D'EAU ULTRA FAIBLE**
[72] STANKOVIC, RADE, CA
[71] STANKOVIC, RADE, CA
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[51] **Int.Cl. A45F 5/00 (2006.01)**
[25] EN
[54] **ERGONOMIC CARRYING BAGS**
[54] **SACS DE TRANSPORT ERGONOMIQUES**
[72] UNKNOWN, XX
[72] NOEL, GENEVIEVE, CA
[71] NOEL, GENEVIEVE, CA
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[25] EN
[54] **ANAEROBIC ANTIOXIDANT COMPOSITION**
[54] **COMPOSITION D`ANTIOXYDANT DANS DES CONDITIONS D'ANAEROBIE**
[72] PITCHER, STEPHEN N., US
[72] PURSER, DANNY C., US
[71] PITCHER, STEPHEN N., US
[71] PURSER, DANNY C., US
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[51] **Int.Cl. G01N 27/00 (2006.01) G01N 13/00 (2006.01) G01N 15/02 (2006.01) G01N 27/447 (2006.01)**
[25] EN
[54] **CALIBRATING NANOPORE CAPTURE RATES USING CONTROLLED COUNTING**
[54] **ETALONNAGE DES TAUX DE SAISIE DE NANOPORE A L`AIDE D`UN COMPTAGE CONTROLE**
[72] BRIGGS, KYLE, CA
[72] CHARRON, MARTIN, CA
[72] TABARD-COSSA, VINCENT, CA
[71] THE UNIVERSITY OF OTTAWA, CA
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[51] **Int.Cl. B60J 1/08 (2006.01) B60J 5/04 (2006.01) B60R 21/13 (2006.01) B62D 25/06 (2006.01)**
[25] EN
[54] **WINDOW FRAME ASSEMBLY, DOOR ASSEMBLY AND WINDOW FRAME KIT FOR A VEHICLE**
[54] **ENSEMBLE ENCADREMENT DE GLACE, ENSEMBLE PORTE ET TROUSSE D`ENCADREMENT DE GLACE POUR UN VEHICULE**
[72] COTNOIR, DOUMIK, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
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[51] **Int.Cl. G06N 3/08 (2006.01) G06Q 30/06 (2012.01) G06F 15/16 (2006.01)**
[25] EN
[54] **CLOUD-BASED TRANSACTION SYSTEM AND METHOD CAPABLE OF PROVIDING NEURAL NETWORK TRAINING MODEL IN SUPERVISED STATE**
[54] **SYSTEME DE TRANSACTION INFONUAGIQUE ET PROCEDE POUVANT FOURNIR UN MODELE DE FORMATION DE RESEAU NEURONAL DANS UN ETAT SUPERVISE**
[72] HUANG, TZUNG-CHI, CN
[72] LIAO, KEN YING-KAI, CN
[72] TSAI, FUU-JEN, CN
[71] EVER FORTUNE.AI CO., LTD., CN
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[30] TW (108114677) 2019-04-26
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[51] **Int.Cl. B61L 3/02 (2006.01) H04W 4/42 (2018.01) H04W 4/44 (2018.01) B61L 3/06 (2006.01) G08B 21/22 (2006.01) H04B 7/26 (2006.01)**
[25] EN
[54] **METHOD FOR WIRELESSLY INDICATING FLAGGERS STATE AND SAFETY ON A WIRELESS CROSSING**
[54] **PROCEDE POUR INDIQUER AVEC CONNEXION SANS FIL L`ETAT ET LA SECURITE DES SIGNALEURS AU MOYEN D`UN CROISEMENT SANS FIL**
[72] STAATS, ANDREW RYAN, US
[72] SCHULTZ, TIMOTHY ALLEN, US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
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[54] **ENHANCED KILL OF MICROORGANISMS**
[54] **DESTRUCTION AMELIOREE DES MICROORGANISMES**
[72] JENNEMAN, GARY E., US
[71] CONOCOPHILLIPS COMPANY, US
[22] 2019-10-15
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[13] A1
[51] **Int.Cl. B32B 27/04 (2006.01) B32B 27/06 (2006.01) A61M 35/00 (2006.01)**
[25] EN
[54] **A COMPOSITE AND AN ARTICLE COMPRISING THE SAME**
[54] **COMPOSITE ET UN ELEMENT COMPRENANT LEDIT COMPOSITE**
[72] LU, MING CHING, CN
[72] YANG, MAO TING, CN
[71] TAI YU ARTS & DEVELOPMENT CO., LTD., CN
[22] 2019-12-17
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[51] **Int.Cl. B62D 55/088 (2006.01) B62D 55/04 (2006.01)**
[25] EN
[54] **GUARD ASSEMBLY AND VEHICLE HAVING SAME**
[54] **ENSEMBLE PROTECTION ET VEHICULE DOTE DUDIT ENSEMBLE**
[72] COUTURE, RAPHAEL, CA
[72] DO REGO, STEVE, CA
[72] GIRARD, DANIEL, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
[22] 2020-01-15
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[13] A1
[51] **Int.Cl. H01H 13/705 (2006.01) H03K 17/51 (2006.01)**
[25] EN
[54] **MEMBRANE DIGITAL ANALOG SWITCHES**
[54] **COMMUTATEUR TACTILE NUMERIQUE-ANALOGIQUE**
[72] STAGG, DAVID, US
[72] HORNUNG, THOMAS, US
[72] WOOTEN, RYAN, US
[71] CONTROL SOLUTIONS ENTERPRISES, INC., US
[22] 2020-01-16
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[30] US (16/396,049) 2019-04-26

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[25] EN
[54] **STALKING FOOTWEAR**
[54] **CHAUSSURE DE BLOCAGE**
[72] ANDERSON, STEVEN, US
[71] ANDERSON, STEVEN, US
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[13] A1
[51] **Int.Cl. H05K 7/20 (2006.01) H03H 7/01 (2006.01)**
[25] EN
[54] **SELF-CONTAINED COOLING DEVICE FOR AN ELECTROMAGNETIC INTERFERENCE FILTER**
[54] **DISPOSITIF DE REFROIDISSEMENT AUTONOME POUR UN FILTRE D`INTERFERENCE ELECTROMAGNETIQUE**
[72] MESSER, TIMOTHY D., US
[72] WILLIAMS, JOHN DALTON, US
[71] THE BOEING COMPANY, US
[22] 2020-02-21
[41] 2020-10-25
[30] US (16/394,609) 2019-04-25

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[13] A1
[25] EN
[54] **REMOVABLE BATTERY COMPRESSION DEVICES**
[54] **DISPOSITIFS DE COMPRESSION DE BATTERIES DEMONTABLES**
[72] BERNHARDT, ROGER D., US
[71] THE BOEING COMPANY, US
[22] 2020-02-26
[41] 2020-10-30
[30] US (16/399,562) 2019-04-30

[21] **3,074,384**
[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01) A61M 39/06 (2006.01)**
[25] EN
[54] **SEALS FOR SURGICAL ACCESS DEVICES**
[54] **DISPOSITIF D'ACCES CHIRURGICAUX AVEC JOINT D`ETANCHEITE**
[72] VACCARELLA, LORENZO, US
[72] EBERSOLE, GARRETT, US
[72] PEDROS, ROBERT, US
[71] COVIDIEN LP, US
[22] 2020-03-04
[41] 2020-10-25
[30] US (16/394,043) 2019-04-25

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **COMPUTER SYSTEM AND METHOD FOR ELECTRONIC SURVEY PROGRAMMING**
[54] **SYSTEME INFORMATIQUE ET PROCEDE DE PROGRAMMATION D`ENQUETE ELECTRONIQUE**
[72] NI, SHENG YAN, CA
[72] THOMAS, DANIEL, CA
[72] QUINTON, SHAYNE, CA
[72] PANG, LEO HOK LAI, CA
[71] DELVINIA HOLDINGS INC., CA
[22] 2020-03-03
[41] 2020-10-25
[30] US (62/838,397) 2019-04-25

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[13] A1
[51] **Int.Cl. B64D 25/00 (2006.01) E05F 15/611 (2015.01) E05F 15/72 (2015.01) B64D 9/00 (2006.01) G05B 19/045 (2006.01)**
[25] EN
[54] **LOGIC CONTROL FOR AUTONOMOUSLY AND MANUALLY LOCKING OVERHEAD BINS FOR ENHANCED SAFETY**
[54] **COMMANDE LOGIQUE POUR VERROUILLAGE AUTONOME ET MANUEL DES BACS SUSPENDUS AUX FINS DE SECURITE ACCRUE**
[72] CHENGALVA, MAHESH, US
[71] THE BOEING COMPANY, US
[22] 2020-03-04
[41] 2020-10-29
[30] US (16/397,223) 2019-04-29

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[13] A1
[51] **Int.Cl. F01M 1/16 (2006.01) F02D 19/06 (2006.01)**
[25] EN
[54] **METHOD AND CONTROL UNIT FOR OPERATING A SPARK-IGNITION INTERNAL COMBUSTION ENGINE OR A DUAL-FUEL INTERNAL COMBUSTION ENGINE OPERATED IN THE SPARK-IGNITION MODE**
[54] **PROCEDE ET UNITE DE COMMANDE POUR FAIRE FONCTIONNER UN MOTEUR A COMBUSTION INTERNE A ALLUMAGE COMMANDE OU UN MOTEUR A COMBUSTION INTERNE A DEUX COMBUSTIBLES QUI FONCTIONNE EN MODED'ALLUMAGE COMMANDE**
[72] ROHBOGNER, CHRISTOPH, DE
[72] LANGE, JENS, DE
[72] WILKE, INGO, DE
[72] BECK, ANDREAS, DE
[71] MAN ENERGY SOLUTIONS SE, DE
[22] 2020-03-09
[41] 2020-10-29
[30] DE (10 2019 111 012.2) 2019-04-29

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[13] A1
[51] **Int.Cl. F01M 1/16 (2006.01) F01M 11/10 (2006.01)**
[25] EN
[54] **METHOD AND CONTROL UNIT FOR OPERATING A DIESEL INTERNAL COMBUSTION ENGINE OR A DUAL-FUEL INTERNAL COMBUSTION ENGINE OPERATED IN THE DIESEL MODE**
[54] **PROCEDE ET UNITE DE COMMANDE POUR FAIRE FONCTIONNER UN MOTEUR A COMBUSTION INTERNE DIESEL OU UN MOTEUR A COMBUSTION INTERNE A DEUX COMBUSTIBLES QUI FONCTIONNE EN MODE DIESEL**
[72] WILKE, INGO, DE
[72] BECK, ANDREAS, DE
[72] LANGE, JENS, DE
[72] ROHBOGNER, CHRISTOPH, DE
[71] MAN ENERGY SOLUTIONS SE, DE
[22] 2020-03-09
[41] 2020-10-29
[30] DE (10 2019 111 030.0) 2019-04-29

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[13] A1
[51] **Int.Cl. F02C 7/143 (2006.01) F01D 9/02 (2006.01) F02C 7/14 (2006.01) F02C 9/18 (2006.01) F28F 1/14 (2006.01)**
[25] EN
[54] **INTER-COMPRESSOR CROSS-OVER PIPE HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR DE TRAVERSE DE CROISEMENT INTER-COMPRESSEURS**
[72] NICHOLS, JASON, CA
[72] CLOUTIER, YVES, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-03-10
[41] 2020-10-26
[30] US (62/839,160) 2019-04-26
[30] US (16/406,659) 2019-05-08

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[13] A1
[51] **Int.Cl. G01M 13/005 (2019.01) F04B 53/14 (2006.01) F16J 9/26 (2006.01) F16J 9/28 (2006.01) G01N 3/12 (2006.01)**
[25] EN
[54] **PISTON RING, RECIPROCATING COMPRESSOR, METHOD FOR SELECTING PISTON RING AND METHOD FOR EVALUATING LIFE OF PISTON RING**
[54] **SEGMENT DE PISTON, COMPRESSEUR ALTERNATIF, PROCEDE POUR SELECTIONNER UN SEGMENT DE PISTON ET PROCEDE POUR EVALUER LA DUREE DE VIE DU SEGMENT DE PISTON**
[72] OOTSUKA, TOMOHIRO, JP
[72] KANEI, NAOFUMI, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[22] 2020-03-26
[41] 2020-10-26
[30] JP (2019-085660) 2019-04-26

[21] **3,077,464**
[13] A1
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/072 (2006.01) A61B 17/32 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **SURGICAL SYSTEM AND SURGICAL LOADING UNITS THEREOF**
[54] **SYSTEME CHIRURGICAL ET SES UNITES DE CHARGEMENT POUR APPAREIL CHIRURGICAL**
[72] GEORGE, SABASTIAN KODUTHULLY, IN
[71] COVIDIEN LP, US
[22] 2020-03-30
[41] 2020-10-25
[30] US (62/838,744) 2019-04-25
[30] US (16/812,596) 2020-03-09

[21] **3,077,524**
[13] A1
[51] **Int.Cl. F16K 21/04 (2006.01) F04B 53/06 (2006.01) F04B 53/10 (2006.01) F16K 1/44 (2006.01)**
[25] EN
[54] **AIR RELEASE VALVE**
[54] **PURGEUR D'INCONDENSABLES**
[72] LIEBHART, LARRY P., US
[72] STOFFER, MICHAEL L., US
[72] REDMOND, CRAIG S., US
[71] THE GORMAN-RUPP COMPANY, US
[22] 2020-03-31
[41] 2020-10-30
[30] US (16/399.190) 2019-04-30

[21] **3,077,654**
[13] A1
[51] **Int.Cl. A01B 63/10 (2006.01)**
[25] EN
[54] **METHOD OF CONTROLLING WEIGHT TRANSFER OF AN IMPLEMENT AND SYSTEM THEREOF**
[54] **PROCEDE DE CONTROLE DU TRANSFERT DE POIDS D`UN DISPOSITIF ET DE SONS SYSTEME**
[72] MARO, RANDALL A., US
[71] DEERE & COMPANY, US
[22] 2020-04-08
[41] 2020-10-29
[30] US (16/396,816) 2019-04-29

[21] **3,077,726**
[13] A1
[51] **Int.Cl. B64C 7/00 (2006.01) B64D 33/08 (2006.01) F01P 5/06 (2006.01) F01P 11/10 (2006.01)**
[25] FR
[54] **ROTORCRAFT EQUIPPED WITH AN AERODYNAMIC DEVICE COMPRISING A FAIRING WITH AN AIR INTAKE**
[54] **GIRAVION EQUIPE D'UN DISPOSITIF AERODYNAMIQUE COMPORTANT UN CARENAGE PRESENTANT UNE ENTREE D'AIR**
[72] COQUILLAT, JEAN-CHRISTOPHE, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2020-04-01
[41] 2020-10-30
[30] FR (1904544) 2019-04-30

[21] **3,077,745**
[13] A1
[51] **Int.Cl. C02F 9/14 (2006.01) C02F 1/72 (2006.01) C02F 3/00 (2006.01) C02F 3/02 (2006.01) C02F 3/10 (2006.01) C02F 3/32 (2006.01)**
[25] EN
[54] **MODULARLY COUPLED WASTEWATER TREATMENT SYSTEM**
[54] **SYSTEME DE TRAITEMENT DES EAUX USEES COUPLE MODULAIRE**
[72] CHANG, YAJUN, CN
[72] YAO, DONGRUI, CN
[72] CUI, JIAN, CN
[72] LIU, XIAOJING, CN
[72] DU, FENGFENG, CN
[71] INSTITUTE OF BOTANY, JIANGSU PROVINCE AND CHINESE ACADEMY OF SCIENCES, CN
[22] 2020-04-01
[41] 2020-10-28
[30] CN (201910349187.9) 2019-04-28

[21] **3,077,810**
[13] A1
[51] **Int.Cl. A47G 19/26 (2006.01) B65D 43/02 (2006.01)**
[25] EN
[54] **DISPOSABLE COVER FOR DRINK CONTAINER**
[54] **COUVERCLE JETABLE POUR CONTENANT DE BOISSON**
[72] COMMISSO, NICOLE, US
[72] MORTAROTTI, CHRISTINE, US
[71] MY CUP CONDOM LLC, US
[22] 2020-04-02
[41] 2020-10-25
[30] US (62/838,585) 2019-04-25
[30] US (16/721,781) 2019-12-19

[21] **3,077,816**
[13] A1
[51] **Int.Cl. B23K 9/095 (2006.01) B23K 9/10 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO CONTROL WELDING POWER AND PREHEATING POWER**
[54] **PROCEDES ET APPAREIL POUR CONTROLER LA PUISSANCE DE SOUDAGE ET DE PRECHAUFFAGE**
[72] FELDHAUSEN, JOSEPH, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2020-04-03
[41] 2020-10-30
[30] US (62/840,652) 2019-04-30
[30] US (16/833,875) 2020-03-30

[21] **3,077,880**
[13] A1
[51] **Int.Cl. G07C 15/00 (2006.01) A63F 3/06 (2006.01)**
[25] EN
[54] **GAMING APPARATUS**
[54] **APPAREIL DE JEU**
[72] MARTIN, LORI, CA
[71] MARTIN, LORI, CA
[22] 2020-04-05
[41] 2020-10-25
[30] US (62838386) 2019-04-25

[21] **3,077,919**
[13] A1
[51] **Int.Cl. B60N 2/28 (2006.01)**
[25] EN
[54] **CHILD SAFETY SEAT**
[54] **SIEGE DE SECURITE POUR ENFANT**
[72] ZHANG, DA LIANG, CN
[71] BAMBINO PREZIOSO SWITZERLAND AG, CH
[22] 2020-04-08
[41] 2020-10-26
[30] CN (201910345902.1) 2019-04-26

[21] **3,077,940**
[13] A1
[51] **Int.Cl. B64C 11/30 (2006.01) B64D 31/00 (2006.01) F02C 9/58 (2006.01) G01B 7/30 (2006.01) G01B 21/22 (2006.01)**
[25] EN
[54] **BLADE ANGLE POSITION FEEDBACK SYSTEM WITH OFFSET SENSORS**
[54] **SYSTEME DE RETROACTION DE POSITION D`ANGLE DE PALE AVEC CAPTEURS DE DECALAGE**
[72] TOMESCU, DANA, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-04-08
[41] 2020-10-25
[30] US (62/838,378) 2019-04-25

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[13] A1
[51] **Int.Cl. F27D 1/14 (2006.01) F16B 5/00 (2006.01)**
[25] EN
[54] **A REFRACTORY ANCHOR**
[54] **ANCRE REFRACTAIRE**
[72] GAROT, JEROME MICHAEL, NL
[72] GAROT, DANIELLE FRANCESCA, NL
[72] GAROT, WOUTER, NL
[71] SILICON REFRACTORY ANCHORING SYSTEMS B.V., NL
[22] 2020-04-20
[41] 2020-10-26
[30] NL (2023010) 2019-04-26

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[13] A1
[51] **Int.Cl. C02F 1/52 (2006.01) B01D 21/00 (2006.01) C02F 1/00 (2006.01) C02F 11/00 (2006.01) G01N 33/18 (2006.01)**
[25] EN
[54] **FLUID TREATMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DU LIQUIDE**
[72] BARBOUR, BLAINE, CA
[72] BLAIR, MICHAEL, CA
[72] GATTINGER, VERNON JOHN, CA
[72] GOUGH, GARY WILLIAM, CA
[72] PENNA, BLAKE, CA
[72] VALANTINE, DARREN NIGEL, CA
[71] CWC CLEAR WATER CLARIFICATION TECHNOLOGIES INC., CA
[22] 2020-04-21
[41] 2020-10-25
[30] US (62/838,866) 2019-04-25

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[13] A1
[51] **Int.Cl. A24F 40/49 (2020.01) A24F 40/40 (2020.01)**
[25] EN
[54] **VAPORIZER WITH BUILT-IN CHILD PROTECTION**
[54] **VAPORISATEUR AVEC PROTECTION DE L'ENFANT INTEGREE**
[72] DOYLE, JOSEPH GORDON, US
[72] FATHOLLAHI, ANDY, US
[72] GORDON, ALEXANDER WAYNE, US
[71] THE KANVAS COMPANY INC., US
[22] 2020-04-17
[41] 2020-10-26
[30] US (62/839,546) 2019-04-26
[30] US (16/848,689) 2020-04-14

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[13] A1
[51] **Int.Cl. F27D 1/14 (2006.01) B23K 9/20 (2006.01) B23K 20/12 (2006.01) F16B 1/00 (2006.01)**
[25] EN
[54] **A REFRACTORY ANCHOR**
[54] **ANCRE REFRACTAIRE**
[72] GAROT, WOUTER, NL
[72] GAROT, JEROME MICHAEL, NL
[72] GAROT, DANIELLE FRANCESCA, NL
[71] SILICON REFRACTORY ANCHORING SYSTEMS B.V., NL
[22] 2020-04-20
[41] 2020-10-26
[30] NL (2023014) 2019-04-26

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[13] A1
[51] **Int.Cl. B05B 1/18 (2006.01) B05B 1/26 (2006.01)**
[25] EN
[54] **SHOWERHEAD INCLUDING SPRAY NOZZLE AND DEFLECTOR**
[54] **POMME DE DOUCHE, Y COMPRIS UN PULVERISATEUR ET UN DEFLECTEUR**
[72] WALES, JOSHUA DREW, US
[72] LEE, DAVID, US
[71] DELTA FAUCET COMPANY, US
[22] 2020-04-16
[41] 2020-10-30
[30] US (62/840,832) 2019-04-30

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **AGRICULTURAL SEED SENSING AND CONTROL SYSTEM**
[54] **SYSTEME DE CONTROLE ET DE DETECTION DE SEMENCES AGRICOLES**
[72] SNIPES, TERRY L., US
[72] CASPER, ROBERT T., US
[72] HUGHES, WILLIAM C., US
[72] RAINS, GERALD E., US
[72] WALTER, JASON D., US
[72] GARNER, ELIJAH B., US
[72] BARTELSON, MATT D., US
[72] DESAI, SAHIL C., US
[72] SCHOLL, ANDREW J., US
[71] DEERE & COMPANY, US
[22] 2020-04-16
[41] 2020-10-26
[30] US (16/395,729) 2019-04-26

[21] **3,077,976**
[13] A1
[51] **Int.Cl. A01C 5/06 (2006.01) A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **PLANTER ROW UNIT ADJUSTMENT CONTROL**
[54] **COMMANDE DE REGLAGE D`UNITE DE RANGEE DE PLANTEUSE**
[72] WONDERLICH, GRANT J., US
[72] PETERSON, JAMES R., US
[71] DEERE & COMPANY, US
[22] 2020-04-16
[41] 2020-10-30
[30] US (16/399,465) 2019-04-30

[21] **3,077,983**
[13] A1
[51] **Int.Cl. E01B 27/02 (2006.01)**
[25] EN
[54] **TRACK-LIFTING AND BALLAST-SPREADING APPARATUS**
[54] **APPAREIL D`ETALEMENT DE BALLAST ET DE LEVAGE DE VOIE**
[72] HERZOG, JACOB D., US
[72] SHIRK, TONY, US
[72] MARSHALL, DANIEL T., US
[72] WALTON, STEVEN R., US
[71] HERZOG RAILROAD SERVICES, INC., US
[22] 2020-04-21
[41] 2020-10-25
[30] US (62/838,764) 2019-04-25
[30] US (16/850,663) 2020-04-16

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[13] A1
[51] **Int.Cl. B60R 16/02 (2006.01) B60R 16/023 (2006.01) B60R 16/03 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF CONNECTING SERVICE PACKS INCLUDING AUXILIARY POWER SOURCES TO VEHICLE DATA AND VEHICLE SYSTEMS**
[54] **SYSTEMES ET PROCEDES DE CONNEXION D`ENSEMBLES DE SERVICES, Y COMPRIS LES SOURCES D`ALIMENTATION AUXILIAIRE AUX DONNEES DES VEHICULES ET AUX SYSTEMES DES VEHICULES**
[72] JOCHMAN, NATHAN JOE, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2020-04-29
[41] 2020-10-29
[30] US (62/840,102) 2019-04-29
[30] US (16/860,846) 2020-04-28

[21] **3,078,327**
[13] A1
[51] **Int.Cl. B60N 99/00 (2006.01)**
[25] FR
[54] **CONTROL DEVICE FOR MOTOR VEHICLE, MOTOR VEHICLE, ASSOCIATED CONTROL PROCESS AND COMPUTER PROGRAM**
[54] **DISPOSITIF DE CONTROLE POUR VEHICULE AUTOMOBILE, VEHICULE AUTOMOBILE, PROCEDE DE CONTROLE ET PROGRAMME D'ORDINATEUR ASSOCIES**
[72] DARNAUD, THOMAS, FR
[71] TRANSDEV GROUP, FR
[22] 2020-04-20
[41] 2020-10-25
[30] FR (1904368) 2019-04-25

[21] **3,078,330**
[13] A1
[51] **Int.Cl. G08G 1/01 (2006.01) G08G 1/017 (2006.01) G08G 1/052 (2006.01) B60W 60/00 (2020.01) B60W 40/02 (2006.01)**
[25] FR
[54] **ELECTRONIC COMMUNICATION DEVICE, MONITORING DEVICE, SUPERVISORY FACILITY, ASSOCIATED COMMUNICATION PROCESS AND COMPUTER PROGRAM**
[54] **DISPOSITIF ELECTRONIQUE DE COMMUNICATION, APPAREIL DE SURVEILLANCE, INSTALLATION DE SUPERVISION, PROCEDE DE COMMUNICATION ET PROGRAMME D'ORDINATEUR ASSOCIES**
[72] NGUYEN, KIEN CUONG, FR
[72] BEAUVILLAIN, ALEXIS, FR
[71] TRANSDEV GROUP, FR
[22] 2020-04-20
[41] 2020-10-25
[30] FR (1904351) 2019-04-25

[21] **3,078,350**
[13] A1
[51] **Int.Cl. G08G 1/00 (2006.01) G08G 1/16 (2006.01)**
[25] FR
[54] **SUPERVISORY PLATFORM AND PROCESS FOR INFRASTRUCTURE FOR TRANSPORT VEHICLES, VEHICLE, ASSOCIATED TRANSPORT SYSTEM AND COMPUTER PROGRAM**
[54] **PLATEFORME ET PROCEDE DE SUPERVISION D'UNE INFRASTRUCTURE POUR VEHICULESDE TRANSPORT, VEHICULE, SYSTEME DE TRANSPORT ET PROGRAMME D'ORDINATEUR ASSOCIES**
[72] NGUYEN, KIEN CUONG, FR
[72] BEAUVILLAIN, ALEXIS, FR
[71] TRANSDEV GROUP, FR
[22] 2020-04-20
[41] 2020-10-26
[30] FR (1904475) 2019-04-26

[21] **3,078,950**
[13] A1
[51] **Int.Cl. E21D 21/00 (2006.01) F16G 11/12 (2006.01)**
[25] EN
[54] **END FITTING FOR A CABLE BOLT ASSEMBLY**
[54] **FIN DE COURSE POUR UN ENSEMBLE BOULON DE CABLE**
[72] CRAIG, PETER H., AU
[72] HOLDEN, MATTHEW R., AU
[72] PETERS, ZACHARIA, AU
[71] FCI HOLDINGS DELAWARE, INC., US
[22] 2020-04-21
[41] 2020-10-26
[30] AU (2019901418) 2019-04-26

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[13] A1
[51] **Int.Cl. A63B 69/00 (2006.01) A63B 57/00 (2015.01) A63B 69/36 (2006.01)**
[25] EN
[54] **SPORTING DEVICE**
[54] **DISPOSITIF DE SPORT**
[72] DI PRIMA, PAOLO, US
[71] STW DESIGNS INTELLECTUAL PROPERTY HOLDINGS, LLC, US
[22] 2020-04-20
[41] 2020-10-29
[30] US (62/839,856) 2019-04-29
[30] US (16/425,527) 2019-05-29
[30] US (62/879,018) 2019-07-26
[30] US (16/785,254) 2020-02-07
[30] US (16/848,544) 2020-04-14

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[13] A1
[51] **Int.Cl. E05F 15/655 (2015.01) E05F 15/611 (2015.01) E05F 15/662 (2015.01)**
[25] EN
[54] **ACTUATOR FOR POWERED VEHICLE CLOSURE**
[54] **ACTIONNEUR POUR L`ARRET D`UN VEHICULE EN MARCHE**
[72] SPROULE, GREGORY, US
[72] KUHLMAN, HOWARD, US
[72] EBERLE, FREDERICK, US
[72] CHAMP, WILLIAM, US
[72] BUELL, STEVEN, US
[72] FRITSCHLE, JACOB, US
[72] SAND, DANIEL, US
[72] CROCIATA, PAUL, US
[72] WILCOX, DAVID, US
[72] SCHYMIK, BRIAN, US
[72] ZIENTAK, MICHAEL, US
[72] NGEM, KIMPON, US
[71] STRATTEC POWER ACCESS LLC, US
[22] 2020-04-22
[41] 2020-10-26
[30] US (62/839,268) 2019-04-26

[21] **3,079,266**
[13] A1
[51] **Int.Cl. H01H 33/32 (2006.01)**
[25] EN
[54] **UNIVERSAL VACUUM INTERRUPTER FOR AIR DISCONNECT SWITCHES**
[54] **INTERRUPTEUR D`ASPIRATEUR UNIVERSEL POUR SECTIONNEURS D`AIR**
[72] KECHROUD, RIYAD, CA
[72] ROLLIER, CLEMENT, CA
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[22] 2020-04-22
[41] 2020-10-30
[30] EP (19172032.5) 2019-04-30

[21] **3,079,275**
[13] A1
[51] **Int.Cl. B27B 13/16 (2006.01) B27B 13/12 (2006.01)**
[25] EN
[54] **A CUTTING FLUID DELIVERY CONTROLLER FOR A SAWMILL, AND METHODS AND SYSTEMS FOR CONTROLLING DELIVERY OF CUTTING FLUID IN A SAWMILL**
[54] **CONTROLEUR DE LIVRAISON DU FLUIDE DE COUPE POUR UNE SCIERIE, ET PROCEDES ET SYSTEMES POUR CONTROLER LA LIVRAISON DU FLUIDE DE COUPE DANS UNE SCIERIE**
[72] BRAMLEY, NEIL K., CA
[72] MALCOLM, JOSHUA J., CA
[72] DOHERTY, JEFFREY F., CA
[71] WOODLAND MILLS INC., CA
[22] 2020-04-23
[41] 2020-10-26
[30] CA (3041479) 2019-04-26

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[13] A1
[51] **Int.Cl. G01S 19/20 (2010.01) G01C 25/00 (2006.01)**
[25] EN
[54] **REDUCING BIAS IMPACT ON GNSS INTEGRITY**
[54] **REDUCTION DE L`INCIDENCE DES BIAIS SUR L`INTEGRITE DU GNSS**
[72] OREJAS, MARTIN, US
[72] SKALICKY, JAKUB, US
[72] RAASAKKA, JUSSI, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2020-04-22
[41] 2020-10-25
[30] US (16/394988) 2019-04-25

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[13] A1
[51] **Int.Cl. A01D 41/12 (2006.01) A01D 41/06 (2006.01) A01D 47/00 (2006.01) A01D 75/18 (2006.01) A01D 75/20 (2006.01)**
[25] EN
[54] **LOCKING ASSEMBLY FOR AGRICULTURAL COMBINE HARVESTING HEAD**
[54] **ENSEMBLE VERROUILLAGE POUR TETE DE RECOLTE COMBINEE AGRICOLE**
[72] YANKE, BRYAN R., US
[72] BOMLENY, DUANE M., US
[72] LOVETT, BENJAMIN M., US
[71] DEERE & COMPANY, US
[22] 2020-04-23
[41] 2020-10-26
[30] US (16/396,313) 2019-04-26

[21] **3,079,311**
[13] A1
[51] **Int.Cl. D07B 1/18 (2006.01)**
[25] EN
[54] **ROPE PROTECTOR AND ASSOCIATED METHODS**
[54] **PROTECTEUR DE CORDE ET PROCEDES CONNEXES**
[72] DORENBOS, DIRK OTTO, CA
[72] NASTASE, ADRIAN, CA
[71] DORENBOS, DIRK OTTO, CA
[22] 2020-04-23
[41] 2020-10-25
[30] US (62/838,711) 2019-04-25

[21] **3,079,315**
[13] A1
[51] **Int.Cl. A63F 13/00 (2014.01) A63F 13/216 (2014.01) A63F 13/235 (2014.01) A63F 13/61 (2014.01) A63F 13/65 (2014.01) G16Y 10/65 (2020.01) G06Q 30/00 (2012.01) A63G 31/00 (2006.01)**
[25] EN
[54] **COMMUNITY-INTEGRATED SMART PLAYGROUND AND METHOD OF ITS USE**
[54] **TERRAIN DE JEU INTELLIGENT INTEGRE DANS LA COLLECTIVITE ET SON PROCEDE D`UTILISATION**
[72] ROSEN, MICHAEL DAVID, CA
[72] SEEF, BYRON JOSHUA, CA
[72] TONER, MATTHEW HERBERT, CA
[71] BIBA VENTURES, INC., CA
[22] 2020-04-22
[41] 2020-10-25
[30] US (16/394,253) 2019-04-25

[21] **3,079,328**
[13] A1
[51] **Int.Cl. B60P 1/02 (2006.01)**
[25] EN
[54] **PLATFORM LIFT WITH ENHANCED OCCUPANT SENSING, PLATFORM LIGHTING AND LOCKING**
[54] **LEVAGE DE PLATEFORME AVEC CAPTEUR DE PASSAGER, ECLAIRAGE ET VERROUILLAGE DE LA PLATEFORME AMELIORES**
[72] SAUCIER, STANTON D., US
[72] MONTGOMERY, MARK G., US
[71] MPOWER MOBILITY, INC, US
[22] 2020-04-22
[41] 2020-10-25
[30] US (62/838,567) 2019-04-25

[21] **3,079,332**
[13] A1
[51] **Int.Cl. E02F 3/36 (2006.01) E02F 3/28 (2006.01)**
[25] EN
[54] **CONNECTION SYSTEM FOR CONNECTING AN IMPLEMENT TO A WORK VEHICLE**
[54] **SYSTEME DE CONNEXION POUR BRANCHER UN OUTIL A UN VEHICULE DE TRAVAIL**
[72] DIAZ, JOSE ANGEL, MX
[72] MONTALVO URBINA, JESUS ARMANDO, MX
[71] DEERE & COMPANY, US
[22] 2020-04-23
[41] 2020-10-25
[30] US (16/394,999) 2019-04-25

[21] **3,079,340**
[13] A1
[51] **Int.Cl. A47D 1/10 (2006.01)**
[25] EN
[54] **HIGH CHAIR SECURED TO PICNIC TABLE**
[54] **CHAISE HAUTE FIXEE A UNE TABLE DE PIQUE-NIQUE**
[72] NORQUIST, THOMAS ROBERT, US
[72] VAIJAPURKAR, SALIL SHRIRAM, US
[71] PLAYCORE WISCONSIN, INC., US
[22] 2020-04-24
[41] 2020-10-26
[30] US (16/856,482) 2020-04-23
[30] US (62/839,441) 2019-04-26

[21] **3,079,343**
[13] A1
[51] **Int.Cl. A01C 5/06 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **HIGH SPEED AGRICULTURAL SEEDER**
[54] **SEMENCES AGRICOLES A GRANDE VITESSE**
[72] SHEPPARD, CLINT W., CA
[72] PALIWAL, BHASKAR, CA
[72] BENKO, MARK R., CA
[72] ANTONY, EDWIN, CA
[71] MORRIS INDUSTRIES LTD., CA
[22] 2020-04-23
[41] 2020-10-25
[30] US (62/838,777) 2019-04-25

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[13] A1
[51] **Int.Cl. E04C 5/16 (2006.01)**
[25] EN
[54] **TOOLLESS QUICK CONNECT REBAR COUPLER**
[54] **COUPLEUR A BARRE D'ARMATURE A CONNEXION RAPIDE SANS OUTIL**
[72] CROSS, BRANDON LEE, US
[72] HANKENHOF, JONATHAN LOUIS, US
[71] DAYTON SUPERIOR CORPORATION, US
[22] 2020-04-24
[41] 2020-10-26
[30] US (62/839,343) 2019-04-26

[21] **3,079,456**
[13] A1
[51] **Int.Cl. A01D 45/02 (2006.01) A01D 69/00 (2006.01)**
[25] EN
[54] **CORN STALK ROLL DRIVE SYSTEM**
[54] **SYSTEME D`ENTRAINEMENT DE CYLINDRE DE TRAITEMENT DE TIGES DE MAIS**
[72] KREHBIEL, NATHAN E., US
[72] BERNKLAU, NATHANIEL R., US
[72] VANDIKE, NATHAN R., US
[72] LAUGEN, AUSTIN M., US
[72] LASSERS, ALEXANDER B., US
[71] DEERE & COMPANY, US
[22] 2020-04-27
[41] 2020-10-29
[30] US (16/397,862) 2019-04-29

[21] **3,079,457**
[13] A1
[51] **Int.Cl. A01B 63/16 (2006.01) A01D 34/54 (2006.01) A01D 41/06 (2006.01) A01D 47/00 (2006.01)**
[25] EN
[54] **POSITION CONTROLLED GAUGE WHEELS ON A HARVESTING MACHINE HEADER THAT MOVE WITH A FEEDER HOUSE MOVE COMMAND**
[54] **ROUES DE JAUGE A POSITION CONTROLEE SUR UNE TETE DE MOISSONNEUSE QUI SE DEPLACE AVEC UNE COMMANDE DE DEPLACEMENT DE LOGEMENT DE COMPARTIMENT D`ALIMENTATION**
[72] BRIMEYER, ALEX, US
[72] LOVETT, BENJAMIN M., US
[72] YANKE, BRYAN R., US
[72] BOMLENY, DUANE M., US
[72] BARTO, DAVID, US
[72] MARUNDE, DANIEL R., US
[71] DEERE & COMPANY, US
[22] 2020-04-27
[41] 2020-10-30
[30] US (16/398,785) 2019-04-30

[21] **3,079,462**
[13] A1
[51] **Int.Cl. E04H 17/22 (2006.01) E04H 12/22 (2006.01) E04H 12/34 (2006.01)**
[25] EN
[54] **ANCHOR AND LIGHT POST ASSEMBLY**
[54] **ANCRAGE ET ENSEMBLE DE LAMPADAIRE**
[72] OLIVER, SCOTT, US
[72] OLIVER, DANIEL, US
[72] OLIVER, JOHN, US
[71] OLIVER TECHNOLOGIES, INC., US
[22] 2020-04-25
[41] 2020-10-26
[30] US (62/839,605) 2019-04-26

[21] **3,079,577**
[13] A1
[51] **Int.Cl. B63B 7/08 (2020.01)**
[25] FR
[54] **BOAT COMPRISING AN INFLATABLE SUPPORT**
[54] **BATEAU COMPORTANT UN SUPPORT GONFLABLE**
[72] CASSANAS, MARC, FR
[72] LACOSTE, GUILLAUME, FR
[71] ZODIAC MILPRO INTERNATIONAL, FR
[22] 2020-04-24
[41] 2020-10-25
[30] FR (19/04387) 2019-04-25

[21] **3,079,580**
[13] A1
[51] **Int.Cl. A01B 69/04 (2006.01) A01D 46/08 (2006.01) A01D 75/00 (2006.01)**
[25] EN
[54] **SPOT BEAM FOR HARVESTING HEADER FIELD ALIGNMENT**
[54] **FAISCEAU ETROIT POUR LA RECOLTE EN FONCTION DE L`ALIGNEMENT DE LA TABLE DE COUPE**
[72] DEMSKI, NATHAN R., US
[72] LOMMEN, MATTHEW, US
[71] DEERE & COMPANY, US
[22] 2020-04-28
[41] 2020-10-30
[30] US (16/398,726) 2019-04-30

[21] **3,079,581**
[13] A1
[51] **Int.Cl. A47C 4/00 (2006.01)**
[25] EN
[54] **FOLDABLE MULTIFUNCTION CHAIR**
[54] **CHAISE PLIANTE MULTIFONCTIONNELLE**
[72] ST-FLEUR, HERARDONY, CA
[71] ST-FLEUR, HERARDONY, CA
[22] 2020-04-28
[41] 2020-10-30
[30] US (62840790) 2019-04-30

[21] **3,079,582**
[13] A1
[51] **Int.Cl. C09K 8/56 (2006.01) C02F 1/68 (2006.01) C09K 8/86 (2006.01) C01B 3/32 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS ET PROCEDES**
[72] MIRZAEI, AMIR, CA
[72] RAD, HIRBOD, CA
[71] UNIQUEM INC., CA
[22] 2020-04-24
[41] 2020-10-30
[30] AU (2019901465) 2019-04-30

[21] **3,079,591**
[13] A1
[51] **Int.Cl. H04B 17/24 (2015.01) H04W 16/26 (2009.01) H04B 17/14 (2015.01) H04B 17/27 (2015.01) H04B 7/155 (2006.01)**
[25] EN
[54] **ADJUSTING REPEATER GAIN BASED ON ANTENNA FEEDBACK PATH LOSS**
[54] **AJUSTEMENT DE GAINS DE REPETEUR EN FONCTION DE L`AFFAIBLISSEMENT DE TRAJET DE L`ANTENNE**
[72] ASHWORTH, CHRISTOPHER KEN, US
[72] COOK, PATRICK LEE, US
[72] ANDERSON, DALE ROBERT, US
[71] WILSON ELECTRONICS, LLC, US
[22] 2020-04-28
[41] 2020-10-29
[30] US (62/840,270) 2019-04-29
[30] US (16/859,890) 2020-04-27

[21] **3,079,597**
[13] A1
[51] **Int.Cl. B63B 34/52 (2020.01)**
[25] EN
[54] **FLOATING LOUNGE WITH ADJUSTABLE SUPPORT MEMBER**
[54] **CHAISE LONGUE FLOTTANTE MUNIE D`UN ELEMENT DE SUPPORT REGLABLE**
[72] DE GRASSE, SCOTT R., US
[72] AUTORE, GREGORY J., US
[72] KANE, JESSE, US
[71] AQUA-LEISURE INDUSTRIES, INC., US
[22] 2020-04-28
[41] 2020-10-29
[30] US (62/839,881) 2019-04-29
[30] US (16/857,893) 2020-04-24

[21] **3,079,602**
[13] A1
[51] **Int.Cl. E03B 1/04 (2006.01) E03B 7/07 (2006.01)**
[25] EN
[54] **SYSTEM FOR WATER MANAGEMENT, AND RELATED METHODS**
[54] **SYSTEME DE GESTION DE L`EAU ET METHODES CONNEXES**
[72] O'KEEFFE, TIMOTHY, US
[72] MERCURIO, ELIZABETH, US
[72] LANCELOT, ROBERT W., US
[72] CIPOLLA, ANTHONY, US
[72] CASTRO, FERNANDO, US
[72] JEROME, WILLIAM, JR., US
[71] SYMMONS CONNECTED, LLC, US
[22] 2020-04-24
[41] 2020-10-26
[30] US (62/839,238) 2019-04-26
[30] US (16/429,893) 2019-06-03
[30] US (16/727,125) 2019-12-26

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[13] A1
[51] **Int.Cl. H01Q 1/52 (2006.01) H01Q 1/38 (2006.01) H01Q 11/06 (2006.01) H03H 7/38 (2006.01) H03H 7/46 (2006.01)**
[25] EN
[54] **FILAR ANTENNA ELEMENT DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES POUR ELEMENT D`ANTENNE FILAIRE**
[72] EMARA, MOHAMED, CA
[72] HAUTCOEUR, JULIEN, CA
[72] PANTHER, GYLES, CA
[72] BOTROS, JOSEPH, CA
[71] TALLYSMAN WIRELESS INC., CA
[22] 2020-04-27
[41] 2020-10-26
[30] US (62/839,144) 2019-04-26

[21] **3,079,715**
[13] A1
[51] **Int.Cl. F23N 3/00 (2006.01) B01B 1/00 (2006.01) B01D 1/00 (2006.01) F23N 5/26 (2006.01)**
[25] FR
[54] **ENERGY RELEASE CONTROLLER FOR BIOMASS COMBUSTION, SYSTEM EQUIPPED WITH SUCH CONTROLLER, ASSEMBLY KIT, AND ASSEMBLY METHODS, FOR CORRESPONDING OPERATION AND USE**
[54] **CONTROLEUR DE LA LIBERATION D'ENERGIE D'UNE COMBUSTION DE BIOMASSE, SYSTEME POURVU D'UN TEL CONTROLEUR, KIT POUR ASSEMBLER, ET METHODES D'ASSEMBLAGE, D'OPERATION ET D'UTILISATION CORRESPONDANTES**
[72] LAPIERRE, DONALD, CA
[72] LAPIERRE, CARL, CA
[72] BOUCHER, GABRIEL, CA
[72] BRIERE, LUC, CA
[72] FILLION, ANDRE, CA
[72] GOULET, JEAN-FRANCOIS, CA
[71] LES EQUIPEMENTS LAPIERRE INC., CA
[22] 2020-04-27
[41] 2020-10-25
[30] US (62/838,670) 2019-04-25

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[13] A1
[51] **Int.Cl. G05D 23/19 (2006.01) G06N 20/00 (2019.01) G06F 1/20 (2006.01) G06F 11/30 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SUPERVISING A HEALTH OF A SERVER INFRASTRUCTURE**
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE DE L`ETAT D'UNE INFRASTRUCTURE DE SERVEUR**
[72] LE GOFF, MORVAN, FR
[72] GLON, RAPHAEL, FR
[72] CHENOT, SYLVAIN, FR
[72] AUTRET, ALEXIS, FR
[71] OVH, FR
[22] 2020-04-27
[41] 2020-10-30
[30] EP (19315028.1) 2019-04-30

[21] **3,079,736**
[13] A1
[51] **Int.Cl. B65D 1/34 (2006.01) B29C 45/17 (2006.01)**
[25] EN
[54] **INJECTION MOLDED CONTAINER ARTICLES AND METHODS**
[54] **RECIPIENT MOULE PAR INJECTION ET PROCEDES**
[72] MCCULLEY, TIMOTHY DAVID, CA
[72] ROZENBERG, LUDMILA, CA
[71] PACTIV LLC, US
[22] 2020-04-28
[41] 2020-10-29
[30] US (16/397,794) 2019-04-29

[21] **3,079,738**
[13] A1
[25] EN
[54] **ADAPTIVE VERTICAL LIFT ENGINE(AVLE) FAN**
[54] **VENTILATEUR DE MOTEUR DE SUSTENTATION VERTICALE ADAPTATIF**
[72] BRYAN, WILLIAM BARRY, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES INC., US
[22] 2020-04-27
[41] 2020-10-29
[30] US (16/397854) 2019-04-29

[21] **3,079,739**
[13] A1
[51] **Int.Cl. B26B 27/00 (2006.01) B26D 3/16 (2006.01)**
[25] EN
[54] **PIPE CUTTER**
[54] **COUPE-TUYAU**
[72] CANIS, STEPHEN, GB
[72] NORTON, JONATHAN, GB
[72] COLLIER, JOHN ARTHUR, GB
[71] MONUMENT TOOLS LIMITED, GB
[22] 2020-04-29
[41] 2020-10-30
[30] GB (1906066.4) 2019-04-30
[30] GB (1917514.0) 2019-11-29

[21] **3,079,740**
[13] A1
[51] **Int.Cl. A61K 31/519 (2006.01) A61K 9/00 (2006.01) A61K 31/472 (2006.01) A61K 47/10 (2017.01) A61P 3/10 (2006.01) A61P 9/00 (2006.01) A61P 15/10 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **TOPICAL FORMULATION CONTAINING PAPAVERINE AND SILDENAFIL AND USES THEREOF**
[54] **FORMULATION TOPIQUE CONTENANT DE LA PAPAVERINE ET DU SILDENAFIL ET SES UTILISATIONS**
[72] TAWAR, VINOD, CA
[71] TAWAR, VINOD, CA
[22] 2020-04-28
[41] 2020-10-28
[30] US (62/829,717) 2019-04-28

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[13] A1
[51] **Int.Cl. A61K 36/889 (2006.01) A61K 8/9789 (2017.01) A61K 8/55 (2006.01) A61K 8/67 (2006.01) A61K 31/07 (2006.01) A61K 31/22 (2006.01) A61K 31/23 (2006.01) A61K 31/355 (2006.01) A61K 31/685 (2006.01) A61K 36/185 (2006.01) A61K 36/36 (2006.01) A61K 36/736 (2006.01) A61K 36/738 (2006.01) A61K 36/744 (2006.01) A61P 17/00 (2006.01) A61P 27/02 (2006.01) A61Q 19/00 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **TOPICAL FORMULATIONS CONTAINING VITAMIN A AND USES THEREOF**
[54] **FORMULATIONS TOPIQUES CONTENANT DE LA VITAMINE A ET LEURS UTILISATIONS**
[72] TAWAR, VINOD, CA
[71] TAWAR, VINOD, CA
[22] 2020-04-28
[41] 2020-10-28
[30] US (62/829,718) 2019-04-28

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[13] A1
[51] **Int.Cl. E21B 43/28 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **MINERAL RECOVERY**
[54] **RECUPERATION DES MINERAUX**
[72] CHERRY, RICHARD, US
[71] CHERRY, RICHARD, US
[22] 2020-04-29
[41] 2020-10-29
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[51] **Int.Cl. E02F 3/96 (2006.01) B60S 9/04 (2006.01) E02F 3/36 (2006.01)**
[25] EN
[54] **LOADER PARKING STAND**
[54] **SUPPORT DE STATIONNEMENT POUR CHARGEUSE**
[72] FAIVRE, DAMIEN, FR
[71] DEERE & COMPANY, US
[22] 2020-04-29
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[13] A1
[51] **Int.Cl. A01G 13/02 (2006.01) B65H 79/00 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEMS AND METHODS FOR DISPENSING AND LAYING A SHEET OF FILM MATERIAL**
[54] **APPAREILS, SYSTEMES ET PROCEDES POUR DISTRIBUER ET POSER UNE FEUILLE DE MATERIEL DE FILM**
[72] ALBRECHT, WILLIE L., US
[71] ALBRECHT, WILLIE L., US
[22] 2020-04-28
[41] 2020-10-29
[30] US (16/397,077) 2019-04-29
[30] US (16/547,714) 2019-08-22

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[13] A1
[51] **Int.Cl. A01D 41/06 (2006.01) A01D 41/12 (2006.01) A01D 47/00 (2006.01)**
[25] EN
[54] **LIGHT-EMITTING MECHANISM ON CROP DIVIDER ROD OF HARVESTING HEADER**
[54] **MECANISME ELECTROLUMINESCENT POUR TIGE DE SEPARATEURS DE COLLECTEUR DE RECOLTE**
[72] LOMMEN, MATTHEW, US
[71] DEERE & COMPANY, US
[22] 2020-04-29
[41] 2020-10-30
[30] US (16/398,562) 2019-04-30

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[13] A1
[51] **Int.Cl. G01N 1/04 (2006.01) G21C 17/017 (2006.01)**
[25] EN
[54] **CIRCUMFERENTIAL SAMPLING TOOL**
[54] **OUTIL D`ECHANTILLONNAGE CIRCONFERENTIEL**
[72] PITTENS, JACK, CA
[72] BERUBE, SIMON, CA
[72] DUFFETT, JOHN, CA
[72] WOODWARD, BRAD, CA
[72] KRATT, AARON, CA
[72] MURPHY, HOWARD, CA
[72] MIURA, NOBBY, CA
[72] MCARTHUR, KEN, CA
[72] SCHMIDT, MICHAEL, CA
[72] SPEER, DAVE, CA
[72] WHERLE, JOHN, CA
[71] BRUCE POWER L.P., CA
[22] 2020-04-28
[41] 2020-10-29
[30] US (62/839,951) 2019-04-29

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[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) E21B 41/00 (2006.01) F04B 17/06 (2006.01) H02J 15/00 (2006.01)**
[25] EN
[54] **MODULAR, MOBILE POWER SYSTEM FOR EQUIPMENT OPERATIONS, AND METHODS FOR OPERATING SAME**
[54] **SYSTEME D'ALIMENTATION MOBILE MODULAIRE POUR L`EQUIPEMENT LORS D`OPERATIONS ET SES PROCEDES D`EXPLOITATION**
[72] LUFT, DONALD, CA
[72] VIS, THOMAS, CA
[72] COCKERILL, JASON, CA
[71] ALLOY ENERGY SOLUTIONS INC., CA
[22] 2020-04-30
[41] 2020-10-30
[30] US (16/399,474) 2019-04-30

[21] **3,079,964**
[13] A1
[51] **Int.Cl. H04W 74/02 (2009.01) H04W 68/02 (2009.01) H04W 4/40 (2018.01) H04W 76/27 (2018.01) H04W 76/28 (2018.01)**
[25] EN
[54] **WIRELESS COMMUNICATIONS FOR NETWORK ACCESS CONFIGURATION**
[54] **COMMUNICATIONS SANS FIL POUR CONFIGURATION D'ACCES AU RESEAU**
[72] PARK, KYUNGMIN, US
[72] DINAN, ESMAEL, US
[72] RYU, JINSOOK, US
[72] ZHOU, HUA, US
[72] CIRIK, ALI, US
[72] JEON, HYOUNGSUK, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2020-04-30
[41] 2020-10-30
[30] US (62/840,717) 2019-04-30

[21] **3,080,225**
[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) H04W 40/02 (2009.01) G06Q 40/02 (2012.01) G06F 21/60 (2013.01) H04L 12/927 (2013.01) H04W 76/14 (2018.01) G06F 40/205 (2020.01) G06F 17/00 (2019.01) H04L 9/32 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **COMPUTER SYSTEMS, COMPUTER-IMPLEMENTED METHODS, AND COMPUTER DEVICES FOR PROCESSING A TRANSACTION MESSAGE**
[54] **SYSTEMES INFORMATIQUES, PROCEDES INFORMATISES ET APPAREILS INFORMATIQUES POUR TRAITER UN MESSAGE TRANSACTIONNEL**
[72] MOUSSEAU, GARY, CA
[71] 10353744 CANADA LTD., CA
[22] 2020-04-30
[41] 2020-10-30
[30] US (62/840,435) 2019-04-30
[30] US (62/924,303) 2019-10-22

[21] **3,080,345**
[13] A1
[25] EN
[54] **GAS TURBINE ENGINE YOKE AND BUILD SUPPORT**
[54] **CULASSE DE TURBINE A GAZ ET SUPPORT INTEGRE**
[72] PORCO, CARLO, CA
[72] HENRIKSEN, GEOFFREY, CA
[72] WEDEMIRE, JASON, CA
[72] MATHIAS, ANTHONY, CA
[72] NICOL, DAVID, CA
[72] RISTOVSKI, FILIP, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-04-28
[41] 2020-10-30
[30] US (16/398,824) 2019-04-30

[21] **3,080,353**
[13] A1
[51] **Int.Cl. B65F 3/02 (2006.01) G05G 9/047 (2006.01)**
[25] EN
[54] **JOYSTICK CONTROL SYSTEM FOR REFUSE VEHICLES**
[54] **SYSTEME DE COMMANDE DE MANETTE POUR VEHICULE A ORDURES**
[72] CLIFTON, CODY, US
[72] HOOVER, VINCENT, US
[72] ROCHOLL, JOSHUA, US
[72] NELSON, JOSEPH, US
[71] OSHKOSH CORPORATION, US
[22] 2020-04-28
[41] 2020-10-30
[30] US (62/840,634) 2019-04-30
[30] US (16/851,229) 2020-04-17

[21] **3,080,550**
[13] A1
[51] **Int.Cl. B60R 16/03 (2006.01) B60D 1/62 (2006.01)**
[25] EN
[54] **CABLE SYSTEM FOR A TRUCK TRAILER**
[54] **CABLODISTRIBUTION POUR UNE REMORQUE DE CAMION**
[72] SLADE, ADAM, US
[72] PAMPATTIWAR, SANKALP, US
[72] PEREZ-BOLIVAR, CESAR, US
[71] GROTE INDUSTRIES, INC., US
[22] 2020-04-29
[41] 2020-10-29
[30] US (16/397108) 2019-04-29

[21] **3,083,626**
[13] A1
[51] **Int.Cl. B60K 31/00 (2006.01) B60W 40/08 (2012.01) G08G 1/09 (2006.01)**
[25] FR
[54] **PILOTAGE DEVICE FOR MOTOR VEHICLE, MOTOR VEHICLE, ASSOCIATED CONTROL PROCESS FOR SUCH MOTOR VEHICLE AND COMPUTER PROGRAM**
[54] **DISPOSITIF DE PILOTAGE POUR VEHICULE AUTOMOBILE, VEHICULE AUTOMOBILE, PROCEDE DE COMMANDE D'UN TEL VEHICULE AUTOMOBILE ET PROGRAMME D'ORDINATEUR ASSOCIES**
[72] DARNAUD, THOMAS, FR
[71] TRANSDEV GROUP, FR
[22] 2020-04-24
[41] 2020-10-25
[30] FR (FR 19 04364) 2019-04-25

[21] **3,087,003**
[13] A1
[51] **Int.Cl. C09K 8/588 (2006.01) C09K 8/64 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **COMPOSITION FOR OIL AND GAS RECOVERY**
[54] **COMPOSITION POUR RECUPERER L`HUILE ET LE GAZ**
[72] FAVERO, CEDRICK, FR
[71] S.P.C.M. SA, FR
[22] 2020-07-16
[41] 2020-10-28
[30] US (16/523,599) 2019-07-26

[21] **3,090,168**
[13] A1
[51] **Int.Cl. G01F 1/74 (2006.01) G01N 25/58 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR REAL-TIME WATER CUT MEASUREMENT**
[54] **PROCEDES ET SYSTEMES POUR MESURER LA TENEUR EN EAU EN TEMPS REEL**
[72] DADGOSTAR, NAFISEH, CA
[72] GARRISON, BRETT W., CA
[72] SPEIRS, BRIAN, CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
[22] 2020-08-14
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[54] **POIS RICHE EN PROTEINES**
[72] SHALEV, GIL, IL
[72] ZACKAY, ARIE, IL
[72] AMRAD, AVICHAI, IL
[72] PALEVSKY, NOA, IL
[72] MEIROVITCH, SIGAL, IL
[71] EQUI-NOM LTD, IL
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[25] EN
[54] **NANO-EMULSION BASED COMPOSITIONS, METHODS FOR THEIR PREPARATION AND THEIR USE IN DELIVERY OF ACTIVE INGREDIENTS**
[54] **COMPOSITIONS A BASE DE NANOEMULSIONS, PROCEDES DE LEUR PREPARATION ET LEUR UTILISATION DANS LA LIVRAISON D`INGREDIENTS ACTIFS**
[72] RAHMANI NEISHABOOR, ELHAM, CA
[71] RAHMANI NEISHABOOR, ELHAM, CA
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[54] **A FASTENING DEVICE AND METHODS OF MANUFACTURE**
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[72] YOUNG, RAYMOND CHIMAN, CA
[71] YOUNG, RAYMOND CHIMAN, CA
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[54] **CAMERA-BASED BOOM CONTROL**
[54] **CONTROLE DE GRUE DE STUDIO**
[72] RASZGA, CALIN, US
[72] HARWOOD, ADAM G., US
[72] KEAN, MICHAEL G., US
[72] HAGEMAN, JOHN M., US
[72] STICKSEL, JUSTIN, US
[71] DEERE & COMPANY, US
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[54] **OLIGOPEPTIDE LINKER INTERMEDIATE AND PREPARATION METHOD THEREOF**
[54] **INTERMEDIAIRE DE LIEUR OLIGOPEPTIDIQUE ET SON PROCEDE DE PREPARATION**
[72] LI, LELE, CN
[72] HUANG, CHANGJIANG, CN
[71] MABPLEX INTERNATIONAL, LTD., CN
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[54] **BIOSENSORS COATED WITH CO-POLYMERS AND THEIR USES THEREOF**
[54] **BIOCAPTEURS REVETUS DE COPOLYMERES, ET LEUR UTILISATION**
[72] YU, FEI, CN
[71] MICROTECH MEDICAL (HANGZHOU) CO., LTD., CN
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[54] **BIOSENSING SYSTEMS HAVING BIOSENSORS COATED WITH CO-POLYMERS AND THEIR USES THEREOF**
[54] **SYSTEME DE BIODETECTION AVEC BIOCAPTEURS REVETUS DE COPOLYMERES, ET LEURUTILISATION**
[72] YU, FEI, CN
[71] MICRO TECH MEDICAL (HANGZHOU) CO., LTD., CN
[71] MICROTECH MEDICAL (HANGZHOU) CO., LTD., CN
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[54] **ANTIBODY-DRUG CONJUGATES AND USES THEREOF**
[54] **CONJUGUES ANTICORPS-MEDICAMENTS ET LEURS UTILISATIONS**
[72] LI, LELE, CN
[72] HUANG, CHANGJIANG, CN
[72] SUN, YOUXIANG, CN
[72] LIU, LINA, CN
[71] MABPLEX INTERNATIONAL, LTD., CN
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[54] **COMPOSITIONS DESINFECTANTES SYNERGIQUES AYANT UNE EFFICACITE ET UNE STABILITE ANTIMICROBIENNES AMELIOREES, ET LEURS PROCEDES D'UTILISATION**
[72] TINWALA, FARIDA H., IN
[72] LI, XIAOBAO, US
[72] SILVA JR., DECIO R., NL
[72] NABAR, YOGARAJ, IN
[72] GENGLER, ARNOUD UBALD MARIA, NL
[71] DIVERSEY, INC., US
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[54] **ONE-POT PROCESS FOR PREPARING INTERMEDIATE OR ANTIBODY-DRUG CONJUGATE**
[54] **PROCEDE EN UN POT POUR PREPARER DES CONJUGUES DE MEDICAMENTS INTERMEDIAIRES OU ANTICORPS**
[72] ZHAOXING, YU, CN
[72] MINGCHAO, LAN, CN
[72] XINJIE, MAO, CN
[72] XINFANG, LI, CN
[71] MABPLEX INTERNATIONAL, LTD., CN
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[54] **APPAREIL DE ROTATION ET SYSTEME DE PRODUCTION D'ENERGIE ELECTRIQUE**
[72] MIYAGAWA, MEGUMI, JP
[72] KONDA, KEIKO, JP
[72] MIYAGAWA, MASAAKI, JP
[71] SIMPLE TOKYO CO., LTD., JP
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[86] 2019-11-12 (PCT/JP2019/044299)
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[54] **SAFETY CONTROL MODULE FOR A ROBOT ASSEMBLY AND METHOD OF SAME**
[54] **MODULE DE COMMANDE DE SECURITE POUR UN ENSEMBLE ROBOT ET PROCEDE ASSOCIE**
[72] VERMA, RAJEEV, US
[72] ZAK, ALEXANDER, US
[72] MEKA, RAHUL, US
[71] MAGNA INTERNATIONAL INC., CA
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[54] **EXCHANGEABLE CARTRIDGE FOR BEVERAGE PORTION DISPENSER**
[54] **CARTOUCHE INTERCHANGEABLE POUR DISTRIBUTEUR DE PORTION DE BOISSON**
[72] ROMAND, DAMIEN, CH
[72] CROZIER, ETIENNE, CH
[72] MAGATTI, MARCO, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
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[54] **ECHELLE**
[72] ZHOU, XIAOYING, CN
[72] BAO, MINGHUA, CN
[71] SUZHOU ZHONGCHUANG ALUMINIUM PRODUCTS CO., LTD., CN
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[25] EN
[54] **AEROSOL GENERATING DEVICE**
[54] **APPAREIL POUR PRODUIRE DES AEROSOLS**
[72] YOON, SUNG WOOK, KR
[71] KT&G CORPORATION, KR
[85] 2020-08-24
[86] 2020-04-23 (PCT/KR2020/005391)
[87] (3091254)
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[54] **METHOD FOR EVALUATION OF SIMILARITY BETWEEN DIETARY FATS AND HUMAN MILK FAT**
[54] **PROCEDE D'EVALUATION DE SIMILARITE DE MATIERE GRASSE DE SUBSTITUT DE LAIT HUMAIN**
[72] WANG, XINGGUO, CN
[72] JIN, QINGZHE, CN
[72] SUN, CONG, CN
[72] WEI, WEI, CN
[72] ZOU, XIAOQIANG, CN
[71] JIANGNAN UNIVERSITY, CN
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[54] **BLOCKCHAIN-BASED PARKING SYSTEMS**
[54] **SYSTEMES DE STATIONNEMENT REPOSANT SUR UNE CHAINE DE BLOCS**
[72] SIMONS, JORDAN, US
[71] AMERICORP INVESTMENTS LLC, US
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[54] **INTELLIGENT ENERGY MANAGEMENT SYSTEM FOR DISTRIBUTED ENERGY RESOURCES AND ENERGY STORAGE SYSTEM USING MACHINE LEARNING**
[54] **SYSTEME DE GESTION INTELLIGENT DE L'ENERGIE POUR RESSOURCES ENERGETIQUESDECENTRALISES ET SYSTEME DE STOCKAGE D'ENERGIE A BASE D'APPRENTISSAGE AUTOMATIQUE**
[72] JIELIAN, GUO, CA
[72] PRUDHVI, TELLA, CA
[71] ENERGY TOOLBASE SOFTWARE, INC., CA
[85] 2020-10-07
[86] 2019-04-26 (PCT/US2019/294338)
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[51] **Int.Cl. C07D 215/233 (2006.01) A61K 31/4709 (2006.01)**
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[54] **QUINOLINE OR QUINAZOLINE COMPOUND AND APPLICATION THEREOF**
[54] **COMPOSE DE QUINOLEINE OU DE QUINAZOLINE ET UTILISATION ASSOCIEE**
[72] DING, KE, CN
[72] GENG, MEIYU, CN
[72] CHAN, SHINGPAN, CN
[72] DING, JIAN, CN
[72] TAN, LI, CN
[72] AI, JING, CN
[72] ZHANG, ZHANG, CN
[72] PENG, XIA, CN
[72] REN, XIAOMEI, CN
[72] JI, YINCHUN, CN
[72] TU, ZHENGCHAO, CN
[72] DAI, YANG, CN
[72] LU, XIAOYUN, CN
[71] JINAN UNIVERSITY, CN
[71] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
[71] HAIHE BIOPHARMA CO., LTD., CN
[85] 2020-09-28
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[54] **METHODS FOR PRODUCING, DISCOVERING, AND OPTIMIZING LASSO PEPTIDES**
[54] **PROCEDES DE PRODUCTION, DE DECOUVERTE ET D'OPTIMISATION DE PEPTIDES LASSO**
[72] BURK, MARK, J., US
[72] CHEN, I-HSIUNG BRANDON, US
[71] LASSOGEN, INC., US
[85] 2020-09-30
[86] 2019-03-29 (PCT/US2019/024811)
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[25] EN
[54] **MEDICAL RESIDENTIAL AND LABORATORY USES OF PURIFIED AIR**
[54] **UTILISATIONS MEDICALES RESIDENTIELLES ET EN LABORATOIRE D'AIR PURIFIE**
[72] WORRILOW, KATHRYN C., US
[71] LIFEAIRE SYSTEMS, LLC, US
[85] 2020-09-30
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[51] **Int.Cl. G10H 3/18 (2006.01) G10D 1/08 (2006.01)**
[25] FR
[54] **DEVICE FOR INTERCHANGING ELECTRICAL OR ELECTRONIC SYSTEMS FOR CAPTURING VIBRATIONS OF THE STRINGS OF A MUSICAL INSTRUMENT**
[54] **DISPOSITIF POUR INTERCHANGER DES SYSTEMES ELECTRIQUES OU ELECTRONIQUES DE CAPTATION DES VIBRATIONS DES CORDES D'UN INSTRUMENT DE MUSIQUE**
[72] PICCIOTTO, LAURENT, FR
[71] WILD CUSTOMS, FR
[85] 2020-10-05
[86] 2019-03-28 (PCT/FR2019/050717)
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[54] **PORTABLE AND EXPANDABLE PRE-GAIT PARALLEL BARS**
[54] **BARRES PARALLELES DE PRE-MARCHE PORTABLES ET EXTENSIBLES**
[72] BENSON, DOUG, US
[72] ERDMANN, JOHN, US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
[85] 2020-10-05
[86] 2019-04-10 (PCT/US2019/026776)
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[25] EN
[54] **EFFICIENT LAND-BASED FISH FARM**
[54] **FERME PISCICOLE TERRESTRE EFFICACE**
[72] PETTERSEN, ROY BERNT, NO
[72] ERIKSEN, BEN TOMMY, NO
[71] ANDFJORD SALMON AS, NO
[85] 2020-10-06
[86] 2019-04-15 (PCT/IB2019/053091)
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[51] **Int.Cl. A61M 39/16 (2006.01)**
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[54] **UNIVERSAL SINGLE-USE CAP FOR MALE AND FEMALE CONNECTORS**
[54] **CAPUCHON UNIVERSEL A USAGE UNIQUE POUR RACCORDS MALE ET FEMELLE**
[72] JIANG, CHANG, US
[72] CHARLES, NICHOLA, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2020-10-05
[86] 2019-04-09 (PCT/US2019/026536)
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[54] **DEGUMMING AND SCOURING OF BAST MATERIAL FOR PRODUCTION OF TEXTILE AND PULP-QUALITY FIBER**
[54] **DEGOMMAGE ET DESUINTAGE DE MATIERE LIBERIENNE POUR LA PRODUCTION DE TEXTILE ET DE FIBRE DE QUALITE PATE**
[72] LONG, MICHAEL, S., US
[71] RENAISSANCE FIBER, LLC, US
[85] 2020-10-05
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[54] **KNEADING ROTOR AND BATCH-TYPE KNEADING MACHINE**
[54] **ROTOR DE MALAXAGE ET MACHINE DE MALAXAGE DE TYPE DISCONTINU**
[72] KONISHI, AKIRA, JP
[72] YAMANE, YASUAKI, JP
[72] KANEI, NAOFUMI, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2020-10-06
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[25] EN
[54] **METHOD, APPARATUS, AND PROGRAM FOR EVALUATION OF ANY ONE OR BOTH OF HEALTH STATE AND GROWTH STATE OF LIVESTOCK ANIMAL**
[54] **PROCEDE, DISPOSITIF ET PROGRAMME D'EVALUATION DE L'ETAT DE SANTE ET/OU DE L'ETAT DE CROISSANCE DE BETAIL**
[72] TANAKA, TAKAYUKI, JP
[72] SUSA, YUKO, JP
[72] TAKIMOTO, TETSUYA, JP
[72] TSUNEYOSHI, YOSUKE, JP
[72] BANNAI, MAKOTO, JP
[71] AJINOMOTO CO., INC., JP
[85] 2020-10-06
[86] 2019-04-03 (PCT/JP2019/014870)
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[25] EN
[54] **IMPROVED LIFT MECHANISM FOR FRAMING NAILER**
[54] **MECANISME DE LEVAGE AMELIORE POUR CLOUEUSE D'ENCADREMENT**
[72] CARRIER, ALEXANDER L., US
[72] KLEIN, CHRISTOPHER D., US
[72] MCCARDLE, THOMAS A., US
[71] KYOCERA SENCO INDUSTRIAL TOOLS, INC., US
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[51] **Int.Cl. H05K 7/20 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PROVIDING IMMERSION COOLING IN A COMPACT-FORMAT CIRCUIT CARD ENVIRONMENT**
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE FOURNIR UN REFROIDISSEMENT PAR IMMERSION DANS UN ENVIRONNEMENT DE CARTES DE CIRCUIT A FORMAT COMPACT**
[72] CHRISTIANSEN, MARTIN BROKNER, US
[72] ISLER, BRUCE RYAN, US
[72] VAN DYKE, JONATHAN FRANCIS, US
[72] VOIGT, ROBERT J., US
[72] LIU, BENJAMIN CHAONING, US
[71] NORTHRUP GRUMMAN SYSTEMS CORPORATION, US
[85] 2020-10-06
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[51] **Int.Cl. G06Q 30/06 (2012.01)**
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[54] **USER INTERFACES BASED ON PRE-CLASSIFIED DATA SETS**
[54] **INTERFACES UTILISATEUR BASEES SUR DES ENSEMBLES DE DONNEES PRE-CLASSES**
[72] SIM, JOANNA, US
[72] HUDSON, HANNAH, US
[72] MISHRA, RIT, US
[72] CALLES, JUSTIN, US
[72] CHANDRASEKAR, PRASANNAVENKATESH, US
[72] WOOD, CARLY, US
[72] WU, GRACE, US
[72] GONGALLA, SUSRUTHA, US
[72] YANG, HEIDI, US
[72] CARVALHO, GERALD, US
[72] LI, JUSTIN, US
[72] CACHERIS, CATHERINE, US
[71] INTUIT INC., US
[85] 2020-10-06
[86] 2019-04-01 (PCT/US2019/025140)
[87] (WO2019/204015)
[30] US (15/955,345) 2018-04-17

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[13] A1
[51] **Int.Cl. C07C 221/00 (2006.01) B01J 23/30 (2006.01) B01J 23/46 (2006.01) C07C 45/66 (2006.01) C07C 49/12 (2006.01) C07C 49/24 (2006.01) C07C 225/06 (2006.01)**
[25] EN
[54] **DEHYDRATION AND AMINATION OF ALPHA-, BETA-DIHYDROXY CARBONYL COMPOUNDS TO ALPHA-AMINO ACIDS**
[54] **DESHYDRATATION ET AMINATION DE COMPOSES ALPHA-, BETA-DIHYDROXYCARBONYLE EN ACIDES ALPHA-AMINES**
[72] BRAZDIL, JAMES, US
[72] ROGNESS, DONALD, US
[72] MA, CHI CHENG, US
[71] ARCHER DANIELS MIDLAND COMPANY, US
[85] 2020-10-06
[86] 2019-04-02 (PCT/US2019/025281)
[87] (WO2019/199518)
[30] US (62/657,404) 2018-04-13

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[13] A1
[51] **Int.Cl. C07C 51/347 (2006.01) C07C 45/29 (2006.01) C07C 59/08 (2006.01)**
[25] EN
[54] **DEHYDRATION AND CRACKING OF ALPHA-, BETA-DIHYDROXY CARBONYL COMPOUNDS TO LACTIC ACID AND OTHER PRODUCTS**
[54] **DESHYDRATATION ET CRAQUAGE DE COMPOSES ALPHA-, BETA-DIHYDROXYCARBONYLE EN ACIDE LACTIQUE ET AUTRES PRODUITS**
[72] BRAZDIL, JAMES, US
[72] ROGNESS, DONALD, US
[71] ARCHER DANIELS MIDLAND COMPANY, US
[85] 2020-10-06
[86] 2019-04-03 (PCT/US2019/025565)
[87] (WO2019/199540)
[30] US (62/657,409) 2018-04-13

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[13] A1
[51] **Int.Cl. E21B 19/14 (2006.01)**
[25] EN
[54] **SKATE DRIVE SYSTEM FOR A CATWALK**
[54] **SYSTEME D'ENTRAINEMENT DE PATIN POUR UNE PASSERELLE**
[72] MEUTH, JOSHUA BRANDON, US
[71] FORUM US, INC., US
[85] 2020-10-06
[86] 2019-04-04 (PCT/US2019/025847)
[87] (WO2019/199581)
[30] US (15/952,542) 2018-04-13

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[13] A1
[51] **Int.Cl. G06T 11/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ARTIFACT REDUCTION IN AN IMAGE**
[54] **SYSTEME ET PROCEDE DE REDUCTION D'ARTEFACTS DANS UNE IMAGE**
[72] HELM, PATRICK A., US
[72] SIEWERDSEN, JEFFREY H., US
[72] UNERI, ALI, US
[72] ZBIJEWSKI, WOJCIECH, US
[72] ZHANG, XIAOXUAN, US
[72] STAYMAN, JOSEPH W., US
[71] MEDTRONIC NAVIGATION, INC., US
[71] JOHNS HOPKINS UNIVERSITY, US
[85] 2020-10-06
[86] 2019-04-05 (PCT/US2019/026014)
[87] (WO2019/195695)
[30] US (62/654,038) 2018-04-06
[30] US (16/375,292) 2019-04-04

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[13] A1
[51] **Int.Cl. A61K 35/744 (2015.01) A23L 33/135 (2016.01) A61P 31/04 (2006.01)**
[25] EN
[54] **AGENT FOR PREVENTION AND/OR TREATMENT OF PSEUDOMONAS AERUGINOSA INFECTION**
[54] **AGENT POUR LA PREVENTION ET/OU LE TRAITEMENT D'UNE INFECTION PAR PSEUDOMONAS AERUGINOSA**
[72] KAWAGUCHI, SUSUMU, JP
[72] KATO, MIHO, JP
[71] NUTRI CO., LTD., JP
[85] 2020-10-07
[86] 2019-04-17 (PCT/JP2019/016441)
[87] (WO2019/203260)
[30] JP (2018-080756) 2018-04-19

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[51] **Int.Cl. C07C 2/84 (2006.01) B01J 19/24 (2006.01) B01J 21/06 (2006.01) B01J 21/08 (2006.01) B01J 21/10 (2006.01)**
[25] EN
[54] **METHOD AND REACTOR FOR OXIDATIVE COUPLING OF METHANE**
[54] **PROCEDE ET REACTEUR POUR COUPLAGE OXYDANT DU METHANE**
[72] SARSANI, SAGAR, US
[72] WEST, DAVID, US
[72] BALAKOTAIAH, VEMURI, US
[72] GU, TIAN, US
[71] SABIC GLOBAL TECHNOLOGIES B.V., NL
[85] 2020-10-07
[86] 2019-05-02 (PCT/US2019/030329)
[87] (WO2019/213352)
[30] US (62/665,663) 2018-05-02

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[13] A1
[51] **Int.Cl. H02J 3/40 (2006.01)**
[25] EN
[54] **METHOD FOR CONNECTING A POWER TRANSFORMER TO AN ELECTRICAL GRID**
[54] **PROCEDE DE CONNEXION D'UN TRANSFORMATEUR DE PUISSANCE A UN RESEAU ELECTRIQUE**
[72] GOMES, VICTOR, FR
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2020-10-07
[86] 2019-04-02 (PCT/EP2019/058255)
[87] (WO2019/197211)
[30] EP (18166355.0) 2018-04-09

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[51] **Int.Cl. C07D 405/12 (2006.01) A61K 31/4196 (2006.01) A61P 35/00 (2006.01) C07D 249/12 (2006.01)**
[25] EN
[54] **METHOD FOR THE PREPARATION OF A 2,4,5-TRISUBSTITUTED 1,2,4-TRIAZOLONE**
[54] **PROCEDE DE PREPARATION D'UNE 1,2,4-TRIAZOLONE 2,4,5-TRISUBSTITUEE**
[72] HASSFELD, JORMA, DE
[72] GRADL, STEFAN NIKOLAUS, DE
[72] RUBENBAUER, PHILIPP, DE
[72] VAN DER HAAS, HENRICUS NICOLAAS SEBASTIAAN, NL
[72] GIELING, REINERUS GERARDUS, NL
[71] BAYER AKTIENGESELLSCHAFT, DE
[71] BAYER PHARMA AKTIENFESELLSCHAFT, DE
[85] 2020-10-07
[86] 2019-04-03 (PCT/EP2019/058389)
[87] (WO2019/197239)
[30] EP (18166552.2) 2018-04-10
[30] EP (18212916.3) 2018-12-17

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[13] A1
[51] **Int.Cl. C01B 25/32 (2006.01) A61K 39/39 (2006.01) C01B 25/36 (2006.01) C01F 7/02 (2006.01)**
[25] EN
[54] **ORGANICALLY MODIFIED MINERAL MICRO-PARTICLES, METHODS OF PREPARING THE SAME AND USES THEREOF**
[54] **MICROPARTICULES MINERALES ORGANIQUEMENT MODIFIEES, LEURS PROCEDES DE PREPARATION ET LEURS UTILISATIONS**
[72] DUROUX, LAURENT, DK
[72] LINDBLAD, ERIK, DK
[71] CRODA INTERNATIONAL PLC, GB
[85] 2020-10-07
[86] 2019-04-10 (PCT/EP2019/059118)
[87] (WO2019/201710)
[30] EP (18167434.2) 2018-04-16

[21] **3,096,480**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4427 (2006.01) A61P 7/02 (2006.01)**
[25] EN
[54] **A SUBSTITUTED OXOPYRIDINE DERIVATIVE**
[54] **DERIVE D'OXOPYRIDINE SUBSTITUE**
[72] LOBELL, MARIO, DE
[72] SCHIROK, HARTMUT, DE
[72] TERSTEEGEN, ADRIAN, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2020-10-07
[86] 2019-04-03 (PCT/EP2019/058398)
[87] (WO2019/197244)
[30] EP (18166490.5) 2018-04-10

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[13] A1
[51] **Int.Cl. H04W 4/90 (2018.01)**
[25] EN
[54] **PUBLIC WARNING SYSTEM NOTIFICATIONS IN A MOBILE DEVICE USING ALTERNATIVE WIRELESS TECHNOLOGIES**
[54] **NOTIFICATIONS DE SYSTEME D'AVERTISSEMENT PUBLIC DANS UN DISPOSITIF MOBILE A L'AIDE DE TECHNOLOGIES SANS FIL ALTERNATIVES**
[72] MCCANN, STEPHEN, CA
[72] MONTEMURRO, MICHAEL PETER, CA
[72] BUCKLEY, ADRIAN, CA
[72] YOUNG, GORDON PETER, CA
[71] BLACKBERRY LIMITED, CA
[85] 2020-10-07
[86] 2019-04-04 (PCT/EP2019/058574)
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[30] US (16/001,663) 2018-06-06

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[13] A1
[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/00 (2006.01) A61B 5/1486 (2006.01)**
[25] EN
[54] **SENSOR ASSEMBLY APPARATUS AND METHODS FOR CONTINUOUS GLUCOSE MONITORS**
[54] **APPAREIL D'ASSEMBLAGE DE CAPTEURS ET PROCEDES POUR DES DISPOSITIFS DE SUIVI CONTINU DU GLUCOSE**
[72] YOUNG, CAMERON M., US
[72] GASS, JENNIFER L., US
[72] MAYER, THOMAS A. J. JR., US
[72] PRAIS, EUGENE, US
[71] ASCENSIA DIABETES CARE HOLDINGS AG, CH
[85] 2020-10-07
[86] 2019-04-11 (PCT/EP2019/059213)
[87] (WO2019/197519)
[30] US (62/657,612) 2018-04-13

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[13] A1
[51] **Int.Cl. A61B 17/12 (2006.01)**
[25] EN
[54] **OCCLUDER DEVICES**
[54] **DISPOSITIFS D'OCCLUSION**
[72] BRINKMANN, JOHN M., US
[72] GOODMAN, PAUL D., US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2020-10-06
[86] 2019-04-23 (PCT/US2019/028744)
[87] (WO2019/217069)
[30] US (62/668,505) 2018-05-08

[21] **3,096,489**
[13] A1
[51] **Int.Cl. D04B 1/18 (2006.01) D04B 1/10 (2006.01)**
[25] EN
[54] **A WEFT-KNITTED SPACER FABRIC AND A PREPARATION METHOD THEREOF, USE OF THE FABRIC FOR THE PREPARATION OF A COMPOSITE MATERIAL AND A COMPOSITE MATERIAL COMPRISING THE SAME**
[54] **TRICOT TRIDIMENSIONNEL A TRAME ET SON PROCEDE DE PREPARATION, UTILISATION DE LA TRAME POUR LA PREPARATION D'UN MATERIAU COMPOSITE ET MATERIAU COMPOSITE LE COMPRENANT**
[72] SUN, XIAO YU, CN
[72] WU, XIAOJUN, CN
[72] ZHU, LI CHAO, CN
[72] ZHANG, REN ZHENG, CN
[72] ZHU, WENYAN, DE
[72] HU, XUELI, CN
[72] LONG, HAIRU, CN
[71] BASF SE, DE
[85] 2020-10-07
[86] 2019-04-08 (PCT/EP2019/058772)
[87] (WO2019/197319)
[30] CN (201810331217.9) 2018-04-13

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[13] A1
[51] **Int.Cl. C07D 271/06 (2006.01) A01N 43/74 (2006.01) A01P 3/00 (2006.01) C07D 413/04 (2006.01)**
[25] EN
[54] **OXADIAZOLINE DERIVATIVES**
[54] **DERIVES D'OXADIAZOLINE**
[72] BRUNET, STEPHANE, FR
[72] DESBORDES, PHILIPPE, FR
[72] DUCERF, SOPHIE, FR
[72] DUFOUR, JEREMY, FR
[72] GORTZ, ANDREAS, DE
[72] GOURGUES, MATHIEU, FR
[72] HILT, EMMANUELLE, FR
[72] NAUD, SEBASTIEN, FR
[72] REBSTOCK, ANNE-SOPHIE, FR
[72] THOMAS, VINCENT, FR
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2020-10-07
[86] 2019-04-09 (PCT/EP2019/058891)
[87] (WO2019/197371)
[30] EP (18166500.1) 2018-04-10

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[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **DIAGNOSTICS OF MILD OR ADVANCED PERIODONTITIS**
[54] **DIAGNOSTIC D'UNE PARODONTITE LEGERE OU AVANCEE**
[72] KOOIJMAN, GERBEN, NL
[72] RMAILE, AMIR HUSSEIN, NL
[72] GLASSE, CARL, NL
[72] DE JAGER, MARINUS KAREL JOHANNES, NL
[72] CHAPPLE, IAIN LESLIE CAMPBELL, NL
[72] GRANT, MELISSA MACKAY, NL
[72] PRESHAW, PHILIP, NL
[72] TAYLOR, JOHN, NL
[72] VAN HARTSKAMP, MICHAEL ALEX, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2020-10-07
[86] 2019-04-10 (PCT/EP2019/059050)
[87] (WO2019/197449)
[30] EP (18166969.8) 2018-04-12

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[13] A1
[51] **Int.Cl. A61K 47/00 (2006.01) A61K 31/6615 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **PHYTATES FOR USE AS A BIOMOLECULES DELIVERY OR ADSORPTION SYSTEM**
[54] **PHYTATES POUR UNE UTILISATION EN TANT QUE SYSTEME D'ADMINISTRATION OU D'ADSORPTION DE BIOMOLECULES**
[72] DUROUX, LAURENT, DK
[72] LINDBLAD, ERIK, DK
[71] CRODA INTERNATIONAL PLC, GB
[85] 2020-10-07
[86] 2019-04-10 (PCT/EP2019/059078)
[87] (WO2019/201701)
[30] EP (18167427.6) 2018-04-16

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[13] A1
[51] **Int.Cl. C07D 239/48 (2006.01) A61K 31/505 (2006.01)**
[25] EN
[54] **NOVEL PROCESS FOR SYNTHESIS OF A PHENOXY DIAMINOPYRIMIDINE COMPOUND**
[54] **NOUVEAU PROCEDE DE SYNTHESE D'UN COMPOSE PHENOXY DIAMINOPYRIMIDINE**
[72] MALONEY, KEVIN M., US
[72] BASU, KALLOL, US
[72] CHUNG, JOHN Y.L., US
[72] DESMOND, RICHARD, US
[72] DI MASO, MICHAEL JAMES, US
[72] HUMPHREY, GUY R., US
[72] LEE, ALFRED Y., US
[72] LEHNHERR, DAN, US
[72] PENG, FENG, US
[72] REN, HONG, US
[72] WEISEL, MARK, US
[72] ZHANG, SIWEI, US
[72] LARPENT, PATRICK, CH
[71] MERCK SHARP & DOHME CORP., US
[71] MSD WERTHENSTEIN BIOPHARMA GMBH, CH
[85] 2020-10-07
[86] 2019-04-18 (PCT/US2019/028014)
[87] (WO2019/209607)
[30] US (62/661,362) 2018-04-23
[30] US (62/662,991) 2018-04-26

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[13] A1
[51] **Int.Cl. C07K 14/705 (2006.01) A61K 38/17 (2006.01) C07K 14/81 (2006.01)**
[25] EN
[54] **PD-L1 BINDING AFFIMERS AND USES RELATED THERETO**
[54] **AFFIMERS DE LIAISON A PD-L1 ET UTILISATIONS ASSOCIEES**
[72] BASRAN, AMRIK, GB
[72] JENKINS, EMMA, GB
[72] ADAM, ESTELLE, GB
[72] WRITER, MICHELLE, GB
[72] STANLEY, EMMA, GB
[71] AVACTA LIFE SCIENCES LIMITED, GB
[85] 2020-10-07
[86] 2019-04-11 (PCT/EP2019/059354)
[87] (WO2019/197583)
[30] GB (1805963.4) 2018-04-11

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[13] A1
[51] **Int.Cl. C12Q 1/18 (2006.01) G01N 30/72 (2006.01) G01N 30/88 (2006.01)**
[25] EN
[54] **RAPID METHODS FOR THE DETECTION OF MICROBIAL RESISTANCE**
[54] **PROCEDES DE DETECTION DE DOPAGE SANGUIN AUTOLOGUE**
[72] DAUM, LUKE T., US
[72] FISCHER, GERALD W., US
[71] LONGHORN VACCINES AND DIAGNOSTICS, LLC, US
[85] 2020-10-07
[86] 2019-04-19 (PCT/US2019/028280)
[87] (WO2019/204703)
[30] US (62/660,402) 2018-04-20

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[13] A1
[51] **Int.Cl. C08F 6/14 (2006.01)**
[25] EN
[54] **IMPROVED CONTINUOUS MICROPARTICLE MANUFACTURE**
[54] **FABRICATION EN CONTINU AMELIOREE DE MICROPARTICULES**
[72] SARAGNESE, DANIEL, US
[72] YANG, MING, US
[72] YU, YUN, US
[72] GUIRIBA, TONI-ROSE, US
[72] MCKENZIE, DAVID, US
[71] GRAYBUG VISION, INC., US
[85] 2020-10-07
[86] 2019-04-23 (PCT/US2019/028803)
[87] (WO2019/209883)
[30] US (62/661,561) 2018-04-23
[30] US (62/661,563) 2018-04-23
[30] US (62/661,566) 2018-04-23

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[13] A1
[51] **Int.Cl. B65D 47/08 (2006.01) B65D 50/06 (2006.01) B65D 51/24 (2006.01)**
[25] EN
[54] **CONTAINER LID WITH BUTTON RELEASE AND LOCK**
[54] **COUVERCLE DE RECIPIENT A LIBERATION DE BOUTON ET VERROU**
[72] FAERBER, PAUL JAMES, US
[72] COLBY, JIM ALLEN, US
[72] OMDAHL II, JOHN R., US
[72] MEYERS, DAVID O., US
[72] JACOBSEN, JOSEPH O., US
[72] SORENSEN, STEVEN M., US
[71] RUNWAY BLUE, LLC, US
[85] 2020-10-07
[86] 2019-05-09 (PCT/US2019/031606)
[87] (WO2019/217740)
[30] US (62/669,882) 2018-05-10

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[13] A1
[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/158 (2006.01)**
[25] EN
[54] **MEDICAL DEVICE WITH EXTENDED WEAR ADHESIVE PATCH**
[54] **DISPOSITIF MEDICAL AVEC TIMBRE ADHESIF A USURE PROLONGEE**
[72] DANG, KIEM, US
[72] CHATTARAJ, SARNATH, US
[72] FUSSELMAN, HSI C., US
[72] ZHANG, GUANGPING, US
[71] MEDTRONIC MINIMED, INC., US
[85] 2020-10-06
[86] 2019-05-02 (PCT/US2019/030434)
[87] (WO2019/213419)
[30] US (62/667,349) 2018-05-04
[30] US (16/400,878) 2019-05-01

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[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01)**
[25] EN
[54] **PLANT REGULATORY ELEMENTS AND METHODS OF USE THEREOF**
[54] **ELEMENTS REGULATEURS DE PLANTE ET LEURS PROCEDES D'UTILISATION**
[72] CROW, ANDREW CARL, US
[72] DIEHN, SCOTT, US
[72] SIMS, LYNNE EILEEN, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2020-10-07
[86] 2019-05-20 (PCT/US2019/033040)
[87] (WO2019/226508)
[30] US (62/674,994) 2018-05-22

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[13] A1
[51] **Int.Cl. G01H 1/14 (2006.01) G01H 1/16 (2006.01) G01H 3/04 (2006.01)**
[25] EN
[54] **NON-INVASIVE PIPELINE PIG SIGNAL DETECTION USING VIBRATION SENSORS**
[54] **DETECTION DE SIGNAL DE RACLEUR DE PIPELINE NON INVASIF A L'AIDE DE CAPTEURS DE VIBRATIONS**
[72] POE, ROGER L., US
[71] TDW DELAWARE, INC., US
[85] 2020-10-07
[86] 2019-05-24 (PCT/US2019/033924)
[87] (WO2019/226994)
[30] US (62/676,090) 2018-05-24

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[13] A1
[51] **Int.Cl. A01H 1/00 (2006.01) C12N 15/79 (2006.01) C12N 15/82 (2006.01) C12N 15/84 (2006.01)**
[25] EN
[54] **GENOME EDITING IN PLANTS**
[54] **EDITION DE GENOME DANS DES PLANTES**
[72] CHEN, YURONG, US
[72] SALTARIKOS, ANNIE, US
[72] XU, JIANPING, US
[72] YE, XUDONG, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2020-10-07
[86] 2019-05-24 (PCT/US2019/033984)
[87] (WO2019/227030)
[30] US (62/676,228) 2018-05-24

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[13] A1
[51] **Int.Cl. G16H 10/60 (2018.01) G16H 50/20 (2018.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IDENTIFYING COMORBIDITIES**
[54] **SYSTEMES ET METHODES D'IDENTIFICATION DE COMORBIDITES**
[72] BLANCHARD, THOMAS C., US
[72] USVYAT, LEN, US
[72] NASH-HAMPTON, TERESA A., US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2020-10-07
[86] 2019-06-04 (PCT/US2019/035389)
[87] (WO2019/236579)
[30] US (62/680,938) 2018-06-05
[30] US (62/716,032) 2018-08-08
[30] US (62/836,822) 2019-04-22

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[13] A1
[51] **Int.Cl. H04L 12/18 (2006.01) H04W 4/06 (2009.01) H04W 72/00 (2009.01) H04W 4/46 (2018.01) H04L 29/06 (2006.01)**
[25] EN
[54] **VEHICLE-TO-EVERYTHING (V2X) SERVICE ACCESS**
[54] **ACCES DE SERVICE V2X (VEHICULE A TOUS DESTINATAIRES)**
[72] RUSSELL, NICHOLAS JAMES, CA
[72] BARRETT, STEPHEN JOHN, CA
[72] BUCKLEY, ADRIAN, US
[71] BLACKBERRY LIMITED, CA
[85] 2020-10-07
[86] 2019-07-15 (PCT/US2019/041765)
[87] (WO2020/023236)
[30] US (16/042,837) 2018-07-23

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[13] A1
[51] **Int.Cl. A01K 13/00 (2006.01) A61D 7/00 (2006.01)**
[25] EN
[54] **ANIMAL TREATMENT APPARATUS, BLOCK, AND METHOD OF USE**
[54] **APPAREIL DE TRAITEMENT D'ANIMAL, BLOC ET PROCEDE D'UTILISATION**
[72] BRADSHAW, GLENN ANDREW, AU
[71] BRADSHAW, GLENN ANDREW, AU
[85] 2020-10-08
[86] 2019-04-10 (PCT/AU2019/050315)
[87] (WO2019/195883)
[30] AU (2018901232) 2018-04-12

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[13] A1
[51] **Int.Cl. B01D 35/02 (2006.01) B01D 35/143 (2006.01)**
[25] EN
[54] **WASH BUCKET DIRT FILTER**
[54] **FILTRE A POUSSIERE POUR BAC DE LAVAGE**
[72] SANTARELLI, CARMINE, CA
[71] NORDICA PLASTICS LTD, CA
[85] 2020-10-08
[86] 2019-04-03 (PCT/CA2019/050398)
[87] (WO2019/200456)
[30] US (62/658,194) 2018-04-16

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[13] A1
[25] EN
[54] **DUAL MODE MARKER AND TRACER DETECTION SYSTEM**
[54]
[72] HARMER, QUENTIN, GB
[72] GONZALEZ-CARVAJAL, JOHN, GB
[71] ENDOMAGNETICS LIMITED, GB
[85] 2020-10-16
[86] 2020-04-27 (PCT/IB2020/053929)
[87] (3096526)
[30] GB (GB1905998.0) 2019-04-29

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[13] A1
[51] **Int.Cl. A61K 35/741 (2015.01) A61K 31/202 (2006.01) A61K 35/74 (2015.01) A61P 1/00 (2006.01) C07C 57/13 (2006.01) G01N 33/483 (2006.01) G01N 27/00 (2006.01)**
[25] EN
[54] **LONG CHAIN DICARBOXYLIC FATTY ACID (LCDFA) PRODUCING MICROBES AND USES THEREOF**
[54] **MICROBES PRODUISANT DES ACIDES GRAS DICARBOXYLIQUES A LONGUE CHAINE (LCDFA) ET LEURS UTILISATIONS**
[72] RITCHIE, SHAWN, CA
[71] MED-LIFE DISCOVERIES LP, CA
[85] 2020-10-08
[86] 2019-04-12 (PCT/CA2019/050449)
[87] (WO2019/195942)
[30] US (62/657,500) 2018-04-13

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[51] **Int.Cl. G06Q 40/02 (2012.01)**
[25] EN
[54] **SYSTEM FOR EFFICIENT SOLUTION PROVISION USING AUTOMATED PROCESSING**
[54] **SYSTEME DE FOURNITURE DE SOLUTION EFFICACE A L'AIDE D'UN TRAITEMENT AUTOMATIQUE**
[72] GARRITY, MICHAEL, CA
[72] SEHR, PAUL, CA
[71] COMMUNITYLEND HOLDINGS INC., CA
[85] 2020-10-08
[86] 2019-04-10 (PCT/CA2019/000045)
[87] (WO2019/195914)
[30] US (62/656,139) 2018-04-11

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[51] **Int.Cl. H04L 29/06 (2006.01) H04W 12/10 (2009.01) H04N 21/8358 (2011.01) G06F 21/10 (2013.01) G06F 21/60 (2013.01) G06T 1/00 (2006.01) H04N 1/32 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ADDING WATERMARKS USING AN EMBEDDED BROWSER**
[54] **SYSTEMES ET PROCEDES POUR AJOUTER DES FILIGRANES EN UTILISANT UN NAVIGATEUR INTEGRE**
[72] FLECK, CHRISTOPHER, US
[72] TOBKES, RACHELLE, US
[72] WILSON, STEPHEN, US
[71] CITRIX SYSTEMS, INC., US
[85] 2020-10-06
[86] 2019-05-03 (PCT/US2019/030651)
[87] (WO2019/213557)
[30] US (62/667,234) 2018-05-04

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[13] A1
[51] **Int.Cl. C12N 15/10 (2006.01) C07K 16/00 (2006.01) C40B 40/02 (2006.01) G01N 33/68 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **MAGNETIC-BASED BIOPANNING METHOD THROUGH ATTACHMENT OF MAGNETIC BEAD TO CELL**
[54] **PROCEDE DE BIOADHERENCE A BASE MAGNETIQUE PAR FIXATION DE BILLE MAGNETIQUE A UNE CELLULE**
[72] NAM, DO-HYUN, KR
[72] MIN, BYEONGKWI, KR
[71] AIMED BIO INC., KR
[85] 2020-10-07
[86] 2019-04-26 (PCT/KR2019/005080)
[87] (WO2019/209073)
[30] KR (10-2018-0049100) 2018-04-27

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[13] A1
[51] **Int.Cl. A01N 1/02 (2006.01) C12N 5/07 (2010.01) C12N 5/071 (2010.01) C12N 5/076 (2010.01) C12N 5/02 (2006.01) G01N 21/17 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **IMPROVED SPERM NUCLEI AND METHODS OF THEIR MANUFACTURE AND USE**
[54] **NOYAUX DE SPERME AMELIORES ET PROCEDES D'OBTENTION ET D'UTILISATION DE CES DERNIERS**
[72] EVANS, KENNETH MICHAEL, US
[72] GILLIGAN, THOMAS B., US
[71] INGURAN, LLC, US
[85] 2020-10-07
[86] 2019-04-09 (PCT/US2019/026615)
[87] (WO2019/199852)
[30] US (62/655,040) 2018-04-09
[30] US (62/673,668) 2018-05-18

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[51] **Int.Cl. F02B 23/06 (2006.01) F02B 3/06 (2006.01) F02B 25/02 (2006.01) F02B 77/00 (2006.01) F02F 3/28 (2006.01)**
[25] EN
[54] **IMPROVED SYSTEMS AND METHODS OF COMPRESSION IGNITION ENGINES**
[54] **SYSTEMES ET PROCEDES AMELIORES POUR MOTEURS A ALLUMAGE PAR COMPRESSION**
[72] RILEY, MATTHEW T., US
[71] NAUTILUS ENGINEERING, LLC, US
[85] 2020-10-07
[86] 2018-04-09 (PCT/US2018/026743)
[87] (WO2018/187811)
[30] US (62/483,191) 2017-04-07
[30] US (62/490,056) 2017-04-26
[30] US (62/500,475) 2017-05-02
[30] US (62/554,429) 2017-09-05
[30] US (62/627,029) 2018-02-06

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[51] **Int.Cl. C12N 5/09 (2010.01) A61K 49/00 (2006.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **METHOD FOR OBTAINING AN ANIMAL MODEL FROM CONDITIONALLY REPROGRAMMED CELLS AND USE OF THE ANIMAL MODEL FOR SCREENING ANTI-TUMOR DRUGS**
[54] **PROCEDE D'OBTENTION D'UN MODELE ANIMAL A PARTIR DE CELLULES REPROGRAMMEES CONDITIONNELLEMENT ET UTILISATION DU MODELE ANIMAL POUR LE CRIBLAGE DE MEDICAMENTS ANTITUMORAUX**
[72] VAN, LOC, US
[71] SHANGHAI LIDE BIOTECH CO., LTD., CN
[85] 2020-10-08
[86] 2019-03-19 (PCT/CN2019/078703)
[87] (WO2019/196606)
[30] CN (PCT/CN2018/083110) 2018-04-13

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[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **CHANNEL ACCESS METHOD AND APPARATUS FOR PHYSICAL RANDOM ACCESS CHANNEL TRANSMISSION, AND PROGRAM**
[54] **PROCEDE ET APPAREIL D'ACCES A UN CANAL DE TRANSMISSION DE CANAL PHYSIQUE D'ACCES ALEATOIRE ET PROGRAMME**
[72] SHI, CONG, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2020-10-08
[86] 2019-05-23 (PCT/CN2019/088136)
[87] (WO2019/242452)
[30] CN (201810639666.X) 2018-06-20

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[13] A1
[51] **Int.Cl. A47B 13/02 (2006.01) A47C 5/14 (2006.01)**
[25] EN
[54] **A SUPPORTING FRAME FOR A PIECE OF FURNITURE**
[54] **CADRE DE SUPPORT POUR UN MEUBLE**
[72] KVIST, SOREN, DK
[71] KVIST INDUSTRIES A/S, DK
[85] 2020-10-08
[86] 2019-04-12 (PCT/DK2019/050117)
[87] (WO2019/197003)
[30] DK (PA201870222) 2018-04-13

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[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01)**
[25] EN
[54] **ADAPTER MANIFOLD FOR MULTI-BARREL SYRINGE APPLICATOR**
[54] **COLLECTEUR D'ADAPTATEUR POUR APPLICATEUR DE SERINGUE A CORPS MULTIPLES**
[72] GUO, JIANXIN, US
[72] SCHNEIDER, JARED, US
[72] KOKINELIS, CHRISTOPHER ANTHONY, US
[72] RIERA, JORGE MARIA MANZANO, ES
[71] ETHICON, INC., US
[85] 2020-10-08
[86] 2019-04-11 (PCT/IB2019/053012)
[87] (WO2019/202446)

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[13] A1
[51] **Int.Cl. A61K 31/465 (2006.01) A23L 33/10 (2016.01) A23L 33/105 (2016.01) A23F 3/14 (2006.01) A23L 2/52 (2006.01) A61K 9/00 (2006.01) C07D 401/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS INFUSED WITH NICOTINE COMPOUNDS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS INFUSEES AVEC DES COMPOSES DE NICOTINE ET LEURS PROCEDES D'UTILISATION**
[72] DOCHERTY, JOHN, CA
[72] BUNKA, CHRISTOPHER ANDREW, CA
[71] POVIVA CORP., US
[85] 2020-10-08
[86] 2019-04-16 (PCT/IB2019/000505)
[87] (WO2019/202396)
[30] US (62/658,473) 2018-04-16
[30] US (62/748,514) 2018-10-21

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 17/00 (2006.01) A61P 17/04 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **TREATMENT OF SKIN DISEASES OR DISORDERS BY DELIVERY OF ANTI-OSMR.BETA. ANTIBODIES**
[54] **TRAITEMENT DE MALADIES OU DE TROUBLES DE LA PEAU PAR LA FOURNITURE D'UN ANTICORPS ANTI-OSMRS**
[72] PAOLINI, JOHN, US
[72] GANDHI, ROHAN, US
[72] MIKHAK, ZAMANEH, US
[71] KINIKSA PHARMACEUTICALS, LTD., BM
[85] 2020-10-08
[86] 2019-04-25 (PCT/IB2019/000619)
[87] (WO2019/229525)
[30] US (62/662,607) 2018-04-25
[30] US (62/718,324) 2018-08-13
[30] US (62/765,033) 2018-08-16
[30] US (62/731,618) 2018-09-14
[30] US (62/757,047) 2018-11-07
[30] US (62/775,350) 2018-12-04
[30] US (62/789,434) 2019-01-07
[30] US (62/794,356) 2019-01-18

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[51] **Int.Cl. G01N 33/68 (2006.01) G01N 1/40 (2006.01) G01N 30/06 (2006.01) G01N 30/72 (2006.01) G01N 30/88 (2006.01)**
[25] EN
[54] **ANALYZING HIGH DIMENSIONAL DATA BASED ON HYPOTHESIS TESTING FOR ASSESSING THE SIMILARITY BETWEEN COMPLEX ORGANIC MOLECULES USING MASS SPECTROMETRY**
[54] **ANALYSE DE DONNEES HAUTE DIMENSION SUR LA BASE D'UN TEST D'HYPOTHESE POUR EVALUER LA SIMILARITE ENTRE DES MOLECULES ORGANIQUES COMPLEXES A L'AIDE DE LA SPECTROMETRIE DE MASSE**
[72] LIN, LUNG-CHENG, TW
[72] LIAO, PAO-CHI, TW
[71] SCINOPHARM TAIWAN LTD., CN
[85] 2020-10-08
[86] 2019-08-14 (PCT/SG2019/050402)
[87] (WO2020/050774)
[30] US (62/726,342) 2018-09-03
[30] US (16/530,544) 2019-08-02

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[51] **Int.Cl. A61K 8/19 (2006.01) A61K 8/96 (2006.01) A61Q 17/04 (2006.01) A61Q 19/00 (2006.01)**
[25] FR
[54] **COMPOSITION DERIVED FROM SEAWATER, PROCESS FOR OBTAINING SAME AND USE THEREOF IN COSMETIC COMPOSITIONS**
[54] **COMPOSITION DERIVEE D'EAU DE MER, SON PROCEDE D'OBTENTION ET SON UTILISATION DANS DES COMPOSITIONS COSMETIQUES**
[72] CHOPIN, SYLVIE, FR
[72] PLANTIER, SEVERINE SYLVIE ELIANE, FR
[71] LABORATOIRES GILBERT, FR
[85] 2020-10-08
[86] 2019-04-11 (PCT/EP2019/059259)
[87] (WO2019/197532)
[30] FR (1853214) 2018-04-12

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[13] A1
[51] **Int.Cl. C04B 35/64 (2006.01) H01M 4/485 (2010.01) C04B 35/447 (2006.01) C04B 35/50 (2006.01)**
[25] FR
[54] **CERAMICS, METHODS FOR THE PRODUCTION THEREOF AND USES OF SAME**
[54] **CERAMIQUES, LEURS PROCEDES DE PREPARATION ET LEURS UTILISATIONS**
[72] PAOLELLA, ANDREA, CA
[72] SAVOIE, SYLVIO, CA
[72] GARIEPY, VINCENT, CA
[72] ZHU, WEN, CA
[72] GUERFI, ABDELBAST, CA
[72] ZAGHIB, KARIM, CA
[71] HYDRO-QUEBEC, CA
[85] 2020-10-08
[86] 2019-05-30 (PCT/CA2019/050740)
[87] (WO2019/227218)
[30] US (62/678,020) 2018-05-30
[30] US (62/791,144) 2019-01-11

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[13] A1
[51] **Int.Cl. F16J 15/34 (2006.01)**
[25] EN
[54] **FACE SEAL WITH TAPER**
[54] **JOINT D'ETANCHEITE FACIALE A CONICITE**
[72] HAAS, CONNOR J., US
[71] CATERPILLAR INC., US
[85] 2020-10-08
[86] 2019-03-18 (PCT/US2019/022730)
[87] (WO2019/203971)
[30] US (15/956,149) 2018-04-18

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[13] A1
[51] **Int.Cl. A61N 1/08 (2006.01) A61N 1/18 (2006.01) A61N 1/20 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **APPARATUSES AND METHODS FOR SETTING AN ELECTRICAL DOSE**
[54] **APPAREILS ET PROCEDES DE REGLAGE D'UNE DOSE ELECTRIQUE**
[72] SYED SHAH, NEMATH, US
[72] FANG, ZI-PING, US
[71] NEUROS MEDICAL, INC., US
[85] 2020-10-08
[86] 2019-04-04 (PCT/US2019/025707)
[87] (WO2019/199558)
[30] US (62/655,122) 2018-04-09

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[13] A1
[51] **Int.Cl. C08F 2/50 (2006.01) C08F 2/44 (2006.01) C08K 5/315 (2006.01) C08K 5/3475 (2006.01) G02B 1/04 (2006.01)**
[25] EN
[54] **OPHTHALMIC DEVICES CONTAINING UV BLOCKER AND METHODS FOR THEIR PREPARATION**
[54] **DISPOSITIFS OPHTALMIQUES CONTENANT UN AGENT BLOQUANT DES UV ET PROCEDES POUR LEUR PREPARATION**
[72] DIBELLA, JAMES ANTHONY, US
[72] GROBE, GEORGE L., US
[72] AWASTHI, ALOK KUMAR, US
[71] BAUSCH & LOMB INCORPORATED, US
[85] 2020-10-08
[86] 2019-03-22 (PCT/US2019/023627)
[87] (WO2019/212657)
[30] US (62/665,148) 2018-05-01

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[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) G06T 3/40 (2006.01) G06T 5/00 (2006.01)**
[25] EN
[54] **PRESENTING IMAGE TRANSITION SEQUENCES BETWEEN VIEWING LOCATIONS**
[54] **PRESENTATION DE SEQUENCES DE TRANSITION D'IMAGE ENTRE DES EMPLACEMENTS DE VISUALISATION**
[72] LI, YUGUANG, US
[72] GUAN, LI, US
[71] ZILLOW GROUP, INC., US
[85] 2020-10-07
[86] 2019-03-14 (PCT/US2019/022158)
[87] (WO2019/199408)
[30] US (15/950,881) 2018-04-11

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[13] A1
[51] **Int.Cl. H02S 40/20 (2014.01)**
[25] EN
[54] **LUMINESCENT SOLAR CONCENTRATORS OF NEUTRAL COLORATION**
[54] **CONCENTRATEURS SOLAIRES LUMINESCENTS DE COLORATION NEUTRE**
[72] FUSCO, ROBERTO, IT
[72] GILA, LILIANA, IT
[72] CACCIANOTTI, LUCIANO, IT
[72] PROTO, ANTONIO ALFONSO, IT
[71] ENI S.P.A., IT
[85] 2020-10-08
[86] 2019-04-17 (PCT/IB2019/053186)
[87] (WO2019/202529)
[30] IT (102018000004707) 2018-04-19

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[51] **Int.Cl. F03D 1/02 (2006.01) F03D 13/10 (2016.01) F03D 13/20 (2016.01) F03D 13/25 (2016.01)**
[25] EN
[54] **LOCATION OF TURBINES IN A MATRIX RIG AND TRANSPORT OF ENERGY, AS WELL AS ONE METHOD FOR MOUNTING TURBINES WITH ASSOCIATED PROPELLER SET**
[54] **LOCALISATION D'EOLIENNES DANS UN APPAREIL DE FORAGE DE GANGUE ET TRANSPORT D'ENERGIE, ET PROCEDE DE MONTAGE D'EOLIENNES A ENSEMBLE D'HELICES ASSOCIE**
[72] NES, ASBJORN, NO
[71] WIND CATCHING SYSTEMS AS, NO
[85] 2020-10-08
[86] 2019-03-07 (PCT/NO2019/000007)
[87] (WO2019/172773)
[30] NO (2018 0349) 2018-03-09
[30] NO (2019 0234) 2019-02-15

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[13] A1
[51] **Int.Cl. A61B 3/15 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REFLECTION-BASED POSITIONING RELATIVE TO AN EYE**
[54] **SYSTEMES ET PROCEDES DE POSITIONNEMENT PAR REFLEXION PAR RAPPORT A UN □IL**
[72] ZIEGER, PETER, DE
[72] GRUENDIG, MARTIN, DE
[72] BIRKNER, SASCHA, DE
[71] ALCON INC., CH
[85] 2020-10-08
[86] 2019-05-31 (PCT/IB2019/054553)
[87] (WO2019/234574)

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[13] A1
[51] **Int.Cl. A61K 8/37 (2006.01) A61K 8/49 (2006.01) A61Q 5/00 (2006.01) A61Q 5/08 (2006.01)**
[25] EN
[54] **PROCESS FOR TREATING HAIR**
[54] **PROCEDE DE TRAITEMENT DES CHEVEUX**
[72] GOI, PAOLO, IT
[72] NICOLI, MARGHERITA, IT
[72] CACCIA, TERESA, IT
[72] MORI, ALESSANDRA, IT
[71] DAVINES S.P.A., IT
[85] 2020-10-08
[86] 2019-04-04 (PCT/IT2019/050071)
[87] (WO2019/198114)
[30] IT (102018000004333) 2018-04-09

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[13] A1
[51] **Int.Cl. G01V 1/36 (2006.01)**
[25] EN
[54] **ENHANCING SEISMIC IMAGES**
[54] **AMELIORATION D'IMAGES SISMIQUES**
[72] HAN, SONG, CN
[72] FEI, TONG WANG, SA
[72] LUO, YI, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2020-10-07
[86] 2019-03-29 (PCT/US2019/024763)
[87] (WO2019/199487)
[30] US (15/952,615) 2018-04-13

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) C12N 15/115 (2010.01) C12Q 1/6811 (2018.01) C12Q 1/6816 (2018.01) C12Q 1/686 (2018.01) C12Q 1/6869 (2018.01) C12Q 1/6876 (2018.01) C12Q 1/6886 (2018.01) C12N 15/11 (2006.01)**
[25] EN
[54] **METHOD OF IN SITU GENE SEQUENCING**
[54] **PROCEDE DE SEQUENCAGE DE GENES IN SITU**
[72] WANG, XIAO, US
[72] ALLEN, WILLIAM E., US
[72] DEISSEROTH, KARL A., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2020-10-07
[86] 2019-04-04 (PCT/US2019/025835)
[87] (WO2019/199579)
[30] US (62/655,052) 2018-04-09
[30] US (62/687,490) 2018-06-20
[30] US (62/808,159) 2019-02-20

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[13] A1
[51] **Int.Cl. E21B 41/00 (2006.01) E21B 43/25 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **OPERATING WELLBORE EQUIPMENT USING A DISTRIBUTED DECISION FRAMEWORK**
[54] **FONCTIONNEMENT D'EQUIPEMENT DE PUITS DE FORAGE UTILISANT UN CADRE DE DECISION DISTRIBUE**
[72] RANGARAJAN, KESHAVA, US
[72] WINSTON, JOSEPH BLAKE, US
[72] MADASU, SRINATH, US
[72] WANG, XI, US
[72] PANDEY, YOGENDRA NARAYAN, US
[72] CHIU, WEI, US
[72] PADGETT, JEFFERY, US
[72] TAYLOR, AIMEE JACKSON, CO
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2020-10-08
[86] 2018-08-02 (PCT/US2018/045016)
[87] (WO2020/027846)

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[13] A1
[51] **Int.Cl. B62D 35/00 (2006.01) B62D 25/16 (2006.01) B62D 37/02 (2006.01)**
[25] EN
[54] **CURVED QUARTER FENDER ROCK GUARD**
[54] **PROTECTION CONTRE LES CAILLOUX POUR GARDE-BOUE INCURVE**
[72] SMITH, JEFFREY P., US
[71] PACCAR INC, US
[85] 2020-10-08
[86] 2019-03-08 (PCT/US2019/021427)
[87] (WO2019/226214)
[30] US (15/989,000) 2018-05-24

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[13] A1
[51] **Int.Cl. B65D 1/02 (2006.01) B65D 8/00 (2006.01) B65D 79/00 (2006.01)**
[25] EN
[54] **CONTAINER PRESSURE BASE**
[54] **BASE DE PRESSION DE RECIPIENT**
[72] WOLOSZYK, MARK, US
[72] STRASSER, WALTER J., US
[71] AMCOR RIGID PACKAGING USA, LLC, US
[85] 2020-10-08
[86] 2018-05-11 (PCT/US2018/032192)
[87] (WO2019/216905)

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[13] A1
[51] **Int.Cl. B65D 81/05 (2006.01) B31D 5/00 (2017.01) B65D 5/50 (2006.01)**
[25] EN
[54] **PACKAGING PRODUCT AND METHODS OF MAKING AND USING**
[54] **PRODUIT D'EMBALLAGE ET PROCEDES DE FABRICATION ET D'UTILISATION**
[72] LENART, CRAIG L., US
[72] BAIERS, SHAWN M., US
[72] CHEICH, ROBERT C., US
[72] WAGNER, DENNIS J., US
[71] RANPAK CORP., US
[85] 2020-10-08
[86] 2018-07-11 (PCT/US2018/041549)
[87] (WO2019/209359)
[30] US (62/661,402) 2018-04-23

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[13] A1
[51] **Int.Cl. B65G 47/96 (2006.01) B07C 3/00 (2006.01) B25J 9/16 (2006.01) G05B 19/418 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROCESSING OBJECTS, INCLUDING AUTOMATED PROCESSING STATIONS**
[54] **SYSTEMES ET PROCEDES DE TRI D'OBJETS**
[72] WAGNER, THOMAS, US
[72] AHEARN, KEVIN, US
[72] AMEND, JOHN RICHARD, JR., US
[72] COHEN, BENJAMIN, US
[72] DAWSON-HAGGERTY, MICHAEL, US
[72] FORT, WILLIAM HARTMAN, US
[72] GEYER, CHRISTOPHER, US
[72] KING, JENNIFER EILEEN, US
[72] KOLETSCHKA, THOMAS, US
[72] KOVAL, MICHAEL CAP, US
[72] MARONEY, KYLE, US
[72] MASON, MATTHEW T., US
[72] MCMAHAN, WILLIAM CHU-HYON, US
[72] PRICE, GENE TEMPLE, US
[72] ROMANO, JOSEPH, US
[72] SMITH, DANIEL, US
[72] SRINIVASA, SIDDHARTHA, US
[72] VELAGAPUDI, PRASANNA, US
[72] ALLEN, THOMAS, US
[71] BERKSHIRE GREY, INC., US
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[51] **Int.Cl. E21B 43/12 (2006.01) E21B 47/09 (2012.01)**
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[54] **ELECTRICAL SUBMERSIBLE PUMP (ESP) STRING AND ESP ORIENTATION SYSTEM**
[54] **CHAINE DE POMPE SUBMERSIBLE ELECTRIQUE (PSE) ET SYSTEME D'ORIENTATION DE PSE**
[72] BROWN, DONN J., US
[72] WEBSTER, JOSHUA W., US
[72] CAMPBELL, DUSTIN B., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2020-10-08
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[51] **Int.Cl. G06K 9/20 (2006.01) G03B 19/02 (2006.01) G06K 9/78 (2006.01) G07C 1/24 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IMAGE RECOGNITION REGISTRATION OF AN ATHLETE IN A SPORTING EVENT**
[54] **SYSTEME ET PROCEDE D'ENREGISTREMENT DE RECONNAISSANCE D'IMAGE D'UN ATHLETE DANS UN EVENEMENT SPORTIF**
[72] MARTIN, TODD, NZ
[71] MARTIN, TODD, NZ
[85] 2020-10-08
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[54] **VERSATILE UNIVERSAL GYM**
[54] **STRUCTURE D'EXERCICE UNIVERSELLE POLYVALENTE**
[72] LEWIS-DOVE, STACY M., US
[71] GYM-IN-A-BOX LLC, US
[85] 2020-10-08
[86] 2018-10-24 (PCT/US2018/057195)
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[30] US (62/656,126) 2018-04-11
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[25] EN
[54] **SYSTEM AND PRINT HEAD FOR ADDITIVE MANUFACTURING SYSTEM**
[54] **SYSTEME ET TETE D'IMPRESSION POUR SYSTEME DE FABRICATION ADDITIVE**
[72] BUDGE, TREVOR DAVID, US
[72] STOCKETT, RYAN C., US
[72] ALVARADO, TYLER, US
[72] TYLER, KENNETH LYLE, US
[72] HAMBLING, COLIN HUGH, US
[72] DUNHAM, BRIAN, US
[72] STRANBERG, NATHAN ANDREW, US
[71] CONTINUOUS COMPOSITES INC., US
[85] 2020-10-08
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[54] **TUBULAR CONNECTOR**
[54] **RACCORD TUBULAIRE**
[72] KLUSS, WILLIAM V., AU
[72] PIPPEN, ELIANA, US
[71] RELIANCE WORLDWIDE CORPORATION, US
[85] 2020-10-08
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[54] **POLYOL BLENDS AND RIGID FOAMS WITH IMPROVED LOW-TEMPERATURE R-VALUES**
[54] **MELANGES DE POLYOLS ET MOUSSES RIGIDES PRESENTANT DES VALEURS R AMELIOREES A BASSE TEMPERATURE**
[72] KAPLAN, WARREN A., US
[72] CUI, ZHENHUA, US
[72] WOLEK, SARAH, US
[71] STEPAN COMPANY, US
[85] 2020-10-08
[86] 2019-04-08 (PCT/US2019/026253)
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[30] US (62/655,471) 2018-04-10

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[51] **Int.Cl. C12N 15/11 (2006.01) C07C 317/28 (2006.01) C07H 21/02 (2006.01) C07H 21/04 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **OLIGONUCLEOTIDE COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS D'OLIGONUCLEOTIDES ET LEURS PROCEDES D'UTILISATION**
[72] ZHANG, JASON JINGXIN, US
[72] VARGEESE, CHANDRA, US
[72] IWAMOTO, NAOKI, US
[72] SHIVALILA, CHIKDU SHAKTI, US
[72] KOTHARI, NAYANTARA, US
[72] DURBIN, ANN FIEGEN, US
[72] RAMASAMY, SELVI, US
[72] KANDASAMY, PACHAMUTHU, US
[72] KUMARASAMY, JAYAKANTHAN, US
[72] BOMMINENI, GOPAL REDDY, US
[72] MARAPPAN, SUBRAMANIAN, US
[72] DIVAKARAMENON, SETHUMADHAVAN, US
[72] BUTLER, DAVID CHARLES DONNELL, US
[72] LU, GENLIANG, US
[72] YANG, HAILIN, US
[72] SHIMIZU, MAMORU, US
[72] MONIAN, PRASHANT, US
[71] WAVE LIFE SCIENCES LTD., SG
[85] 2020-10-08
[86] 2019-04-11 (PCT/US2019/027109)
[87] (WO2019/200185)
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[30] US (62/715,684) 2018-08-07
[30] US (62/723,375) 2018-08-27
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[51] **Int.Cl. C12Q 1/6886 (2018.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR CANCER OR NEOPLASIA ASSESSMENT**
[54] **COMPOSITIONS ET METHODES D'EVALUATION ET DE TRAITEMENT D'UN CANCER OU D'UNE NEOPLASIE**
[72] GORE, ATHURVA J., US
[72] GOLE, JEFFREY A., US
[72] LIU, RUI, US
[71] SINGLERA GENOMICS, INC., US
[85] 2020-10-08
[86] 2019-04-08 (PCT/US2019/026395)
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[25] EN
[54] **SANITIZING PACKAGE-READY PRE-QUANTIFIED UNITS OF FOOD**
[54] **DESINFECTION D'UNITES ALIMENTAIRES PREQUANTIFIEES PRETES A L'EMBALLAGE**
[72] KUENZI, JOHN, US
[72] SPURGEON, ERIC, US
[72] AHLVERS, COLE, US
[71] NQV8 LLC, US
[85] 2020-10-08
[86] 2019-04-12 (PCT/US2019/027206)
[87] (WO2019/200249)
[30] US (62/657,422) 2018-04-13

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[51] **Int.Cl. A61K 9/00 (2006.01) C12N 15/113 (2010.01) A61K 9/127 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01) C12N 15/88 (2006.01)**
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[54] **THERAPEUTIC TARGETING OF ONCOGENES USING EXOSOMES**
[54] **CIBLAGE THERAPEUTIQUE D'ONCOGENES A L'AIDE D'EXOSOMES**
[72] KALLURI, RAGHU, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2020-10-08
[86] 2019-04-09 (PCT/US2019/026557)
[87] (WO2019/199803)
[30] US (62/655,036) 2018-04-09

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[51] **Int.Cl. C07D 307/14 (2006.01) A61K 31/194 (2006.01) A61K 31/341 (2006.01) C07C 57/15 (2006.01)**
[25] EN
[54] **A2-73 CRYSTALLINE POLYMORPH COMPOSITIONS OF MATTER AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS POLYMORPHES CRISTALLINES A2-73 DE MATIERE ET LEURS PROCEDES D'UTILISATION**
[72] MISSLING, CHRISTOPHER U., US
[71] ANAVEX LIFE SCIENCES CORP., US
[85] 2020-10-08
[86] 2019-04-12 (PCT/US2019/027369)
[87] (WO2019/200345)
[30] US (62/656,435) 2018-04-12

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[51] **Int.Cl. H04B 1/00 (2006.01) H04W 72/04 (2009.01) H04W 84/12 (2009.01) H04W 88/10 (2009.01) H04B 10/2575 (2013.01) H04B 7/04 (2017.01) H04B 7/06 (2006.01) H04L 12/28 (2006.01) H04Q 11/04 (2006.01)**
[25] EN
[54] **STAR TOPOLOGY FIXED WIRELESS ACCESS NETWORK WITH LOWER FREQUENCY FAILOVER**
[54] **RESEAU D'ACCES SANS FIL FIXE A TOPOLOGIE EN ETOILE AVEC BASCULEMENT A UNE FREQUENCE INFERIEURE**
[72] LIPOWSKI, JOSEPH THADDEUS, US
[72] EFE, VOLKAN, US
[71] STARRY, INC., US
[85] 2020-10-08
[86] 2019-04-10 (PCT/US2019/026771)
[87] (WO2019/199957)
[30] US (62/655,351) 2018-04-10

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[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **ANTICANCER COMBINATION THERAPY WITH CD73 ANTAGONIST ANTIBODY AND PD-1/PD-L1 AXIS ANTAGONIST ANTIBODY**
[54] **THERAPIE COMBINEE ANTICACNER AVEC UN ANTAGONISTE DE CD73 ET UN ANTAGONISTE DE L'AXE PD-1/PD-L1**
[72] ALTURA, RACHEL A., US
[72] KLIPPEL-GIESE, ANKE, US
[72] POSTELNEK, JENNIFER R., US
[72] ZHAO, YUE, US
[72] HILT, EDWARD J., US
[72] SANGHAVI, KINJAL, US
[72] PEREZ, RAYMOND P., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2020-10-08
[86] 2019-04-12 (PCT/US2019/027219)
[87] (WO2019/200256)
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[30] US (62/680,255) 2018-06-04

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[51] **Int.Cl. A61F 2/30 (2006.01) B33Y 30/00 (2015.01) B33Y 70/00 (2020.01) B33Y 80/00 (2015.01) B29C 64/386 (2017.01) A61L 27/00 (2006.01) A61L 27/10 (2006.01) A61L 27/22 (2006.01) A61L 27/38 (2006.01) A61L 27/54 (2006.01)**
[25] EN
[54] **3D BIOPRINTING A MEDICAL DEVICE THROUGH FREEFORM REVERSIBLE EMBEDDING**
[54] **BIO-IMPRESSION 3D D'UN DISPOSITIF MEDICAL PAR INCORPORATION REVERSIBLE DE FORME LIBRE**
[72] FEINBERG, ADAM, US
[72] HUDSON, ANDREW, US
[71] CARNEGIE MELLON UNIVERSITY, US
[85] 2020-10-08
[86] 2019-04-10 (PCT/US2019/026787)
[87] (WO2019/199971)
[30] US (62/761,897) 2018-04-10

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[51] **Int.Cl. C07F 9/10 (2006.01) G01N 21/64 (2006.01)**
[25] EN
[54] **NOBLE METAL-COATED MECHANORESPONSIVE VESICLES**
[54] **VESICULES MECANOSENSIBLES ENROBEES DE METAL NOBLE**
[72] ZUMBUEHL, ANDREAS, CH
[72] QIN, ZHENPENG, US
[72] LI, XIUYING, US
[72] XIONG, HEJIAN, US
[72] NEUHAUS, FREDERIK, CH
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[71] ZUMBUEHL, ANDREAS, CH
[85] 2020-10-08
[86] 2019-04-15 (PCT/US2019/027453)
[87] (WO2019/200377)
[30] US (62/657,391) 2018-04-13

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[51] **Int.Cl. A61K 51/04 (2006.01)**
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[54] **FRACTIONATED DOSING OF A PHOSPHOLIPID ETHER ANALOG FOR THE TREATMENT OF CANCER**
[54] **DOSAGE FRACTIONNE D'UN ANALOGUE D'ETHER DE PHOSPHOLIPIDE POUR LE TRAITEMENT DU CANCER**
[72] LONGCOR, JARROD, US
[71] CELLECTAR BIOSCIENCES, INC., US
[85] 2020-10-08
[86] 2019-04-10 (PCT/US2019/026828)
[87] (WO2019/199998)
[30] US (62/655,615) 2018-04-10

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[51] **Int.Cl. G16B 20/00 (2019.01) C12Q 1/6886 (2018.01) G16H 50/20 (2018.01) G16H 50/30 (2018.01) C12Q 1/70 (2006.01) G16B 20/10 (2019.01) G16B 20/20 (2019.01) G16B 40/00 (2019.01)**
[25] EN
[54] **MULTI-ASSAY PREDICTION MODEL FOR CANCER DETECTION**
[54] **MODELE DE PREDICTION DE DOSAGES MULTIPLES POUR LA DETECTION DU CANCER**
[72] HUBBELL, EARL, US
[72] GROSS, SAMUEL S., US
[72] FILIPPOVA, DARYA, US
[72] SHEN, LING, US
[72] VENN, OLIVER CLAUDE, US
[72] BLOCKER, ALEXANDER WEAVER, US
[72] ZHANG, NAN, US
[72] MADDALA, TARA, US
[72] ARAVANIS, ALEX, US
[72] LIU, QINWEN, US
[72] VALOUEV, ANTON, US
[72] NICULA, VIRGIL, US
[72] WILLIAMS, RICHARD T., US
[71] GRAIL, INC., US
[85] 2020-10-08
[86] 2019-04-15 (PCT/US2019/027551)
[87] (WO2019/200404)
[30] US (62/657,635) 2018-04-13
[30] US (62/679,738) 2018-06-01

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[13] A1
[51] **Int.Cl. H04B 1/00 (2006.01) H03F 1/56 (2006.01) H03F 3/19 (2006.01)**
[25] EN
[54] **TRANSMIT AND RECEIVE SWITCH AND BROADBAND POWER AMPLIFIER MATCHING NETWORK FOR MULTI-BAND MILLIMETER-WAVE 5G COMMUNICATION**
[54] **COMMUTATEUR D'EMISSION ET DE RECEPTION ET RESEAU D'ADAPTATION D'AMPLIFICATEUR DE PUISSANCE A LARGE BANDE POUR COMMUNICATION 5G A ONDES MILLIMETRIQUES MULTIBANDES**
[72] CHI, TAIYUN, US
[72] WANG, HUA, US
[72] CHEN, THOMAS, US
[71] SWIFTLINK TECHNOLOGY INC., CA
[85] 2020-10-08
[86] 2019-04-17 (PCT/US2019/028000)
[87] (WO2019/209604)
[30] US (15/965,694) 2018-04-27

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/0205 (2006.01) A61B 5/11 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR THE IDENTIFICATION OF MEDICAL CONDITIONS, AND DETERMINATION OF APPROPRIATE THERAPIES, BY PASSIVELY DETECTING ACOUSTIC SIGNALS**
[54] **SYSTEMES ET METHODES D'IDENTIFICATION D'ETATS MEDICAUX, ET DE DETERMINATION DE THERAPIES APPROPRIEES, PAR DETECTION PASSIVE DE SIGNAUX ACOUSTIQUES**
[72] BOBO, BENJAMIN WILLIAM, US
[72] ASBURY, DAVID ROBBINS, US
[72] GOYAL, DEVENDRA, US
[72] SHAH, MOHSIN, US
[72] CHEN, JOHN, US
[72] TOUKMAJI, SAHAR BOU-GHAZALE, US
[71] CERENETEX, INC., US
[85] 2020-10-08
[86] 2019-04-10 (PCT/US2019/026833)
[87] (WO2019/200001)
[30] US (62/655,752) 2018-04-10
[30] US (62/767,038) 2018-11-14

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[13] A1
[51] **Int.Cl. B60R 13/08 (2006.01) C04B 14/04 (2006.01) C04B 14/46 (2006.01) C04B 20/10 (2006.01)**
[25] EN
[54] **COMPOSITES FOR REDUCING NOISE**
[54] **COMPOSITES POUR REDUIRE LE BRUIT**
[72] RAUT, PRASAD, US
[72] BOLOURCHI, MAZIYAR, US
[71] IMERYS USA, INC., US
[85] 2020-10-08
[86] 2019-04-11 (PCT/US2019/026863)
[87] (WO2019/200023)
[30] US (62/657,226) 2018-04-13

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[13] A1
[51] **Int.Cl. C07F 9/6574 (2006.01) C07H 19/00 (2006.01) C07H 19/11 (2006.01) C07H 21/04 (2006.01)**
[25] EN
[54] **NOVEL PHOSPHOROUS (V)-BASED REAGENTS, PROCESSES FOR THE PREPARATION THEREOF, AND THEIR USE IN MAKING STEREO-DEFINED ORGANOPHOSHOROUS (V) COMPOUNDS**
[54] **NOUVEAUX REACTIFS A BASE DE PHOSPHORE (V), LEURS PROCEDES DE PREPARATION ET LEUR UTILISATION DANS LA FABRICATION DE COMPOSES ORGANOPHOSHOREUX (V) STEREODEFINIS**
[72] SCHMIDT, MICHAEL ANTHONY, US
[72] ZHENG, BIN, US
[72] KNOUSE, KYLE, US
[72] DEGRUYTER, JUSTINE, US
[72] EASTGATE, MARTIN D., US
[72] BARAN, PHIL, US
[72] EWING, WILLIAM R., US
[72] OLSON, RICHARD E., US
[72] MCDONALD, IVAR M., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2020-10-08
[86] 2019-04-12 (PCT/US2019/027256)
[87] (WO2019/200273)
[30] US (62/657,551) 2018-04-13
[30] US (62/668,098) 2018-05-07
[30] US (62/697,896) 2018-07-13
[30] US (62/729,314) 2018-09-10

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[13] A1
[51] **Int.Cl. A61K 8/49 (2006.01) A61K 8/34 (2006.01) A61K 8/36 (2006.01) A61K 8/362 (2006.01) A61K 8/365 (2006.01) A61K 8/44 (2006.01) A61K 8/73 (2006.01) A61Q 5/04 (2006.01) A61Q 5/06 (2006.01)**
[25] EN
[54] **HAIR MODIFICATION COMPOSITION AND METHOD THEREFOR**
[54] **COMPOSITION DE MODIFICATION CAPILLAIRE ET PROCEDE ASSOCIE**
[72] KADIR, MURAT, US
[72] LI, WING K., US
[72] LEPILLEUR, CAROLE A., US
[72] XAVIER, JEAN, US
[72] ASKAR, NARJIS A., US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
[85] 2020-10-08
[86] 2019-04-11 (PCT/US2019/026868)
[87] (WO2019/200027)
[30] US (62/656,665) 2018-04-12

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/37 (2006.01) A61K 31/407 (2006.01) A61K 31/4168 (2006.01) A61K 47/18 (2017.01)**
[25] EN
[54] **READY-TO-USE LIQUID RECK FORMULATION**
[54] **FORMULATION DE RECK LIQUIDE PRETE A L'EMPLOI**
[72] LEEAH, TRAVIS A., US
[72] CHEN, JIANPING, US
[71] QUVA PHARMA, INC., US
[85] 2020-10-08
[86] 2019-04-11 (PCT/US2019/026957)
[87] (WO2019/200076)
[30] US (62/656,248) 2018-04-11

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[13] A1
[51] **Int.Cl. A61K 31/436 (2006.01) A61K 9/06 (2006.01) A61K 47/10 (2017.01)**
[25] EN
[54] **ENHANCEMENT OF DELIVERY OF LIPOPHILIC ACTIVE AGENTS ACROSS THE BLOOD-BRAIN BARRIER AND METHODS FOR TREATING CENTRAL NERVOUS SYSTEM DISORDERS**
[54] **AMELIORATION DE L'ADMINISTRATION D'AGENTS ACTIFS LIPOPHILES A TRAVERS LA BARRIERE HEMATO-ENCEPHALIQUE ET METHODES DE TRAITEMENT DE TROUBLES DU SYSTEME NERVEUX CENTRAL**
[72] DOCHERTY, JOHN, CA
[72] BUNKA, CHRISTOPHER ANDREW, CA
[71] POVIVA CORP., US
[85] 2020-10-08
[86] 2019-04-16 (PCT/US2019/027769)
[87] (WO2019/245639)
[30] US (62/689,096) 2018-06-23
[30] US (62/748,520) 2018-10-21

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[13] A1
[51] **Int.Cl. C07D 471/14 (2006.01)**
[25] EN
[54] **METHODS FOR PREPARING SUBSTITUTED PYRIDINONE-CONTAINING TRICYCLIC COMPOUNDS**
[54] **PROCEDES DE PREPARATION DE COMPOSES TRICYCLIQUES CONTENANT DE LA PYRIDINONE SUBSTITUEE**
[72] CHEN, SHUAI, US
[72] DORSEY, BRUCE D., US
[72] GOTCHEV, DIMITAR B., US
[72] NGUYEN, DUYAN, US
[72] PALLERLA, MAHESH KUMAR, US
[72] PAMULAPATI, GANAPATI REDDY, US
[71] ARBUTUS BIOPHARMA CORPORATION, CA
[85] 2020-10-08
[86] 2019-04-11 (PCT/US2019/027004)
[87] (WO2019/200109)
[30] US (62/656,605) 2018-04-12
[30] US (62/700,048) 2018-07-18

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[13] A1
[51] **Int.Cl. F16L 5/00 (2006.01) F16L 19/00 (2006.01)**
[25] EN
[54] **CLIP SYSTEM AND METHOD FOR MULTIPORT ASSEMBLIES**
[54] **SYSTEME ET PROCEDE D'ATTACHE POUR ENSEMBLES A ORIFICES MULTIPLES**
[72] VIDANELAGE, THIMUTHU WERAGODA, US
[71] RELIANCE WORLDWIDE CORPORATION, US
[85] 2020-10-08
[86] 2019-04-22 (PCT/US2019/028546)
[87] (WO2019/209735)
[30] US (15/960,339) 2018-04-23

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[13] A1
[51] **Int.Cl. C08F 110/06 (2006.01) C08K 3/00 (2018.01) C08L 23/10 (2006.01)**
[25] EN
[54] **TRANSPARENT POLYPROPYLENE COPOLYMER COMPOSITION HAVING IMPACT RESISTANCE**
[54] **COMPOSITION DE COPOLYMERE DE POLYPROPYLENE TRANSPARENT PRESENTANT UNE RESISTANCE AUX CHOCS**
[72] KAARTO, JOHN, US
[72] ZHONG, JING, US
[72] MONTOYA, AMAIA, US
[71] W.R. GRACE & CO.-CONN., US
[85] 2020-10-08
[86] 2019-04-17 (PCT/US2019/027888)
[87] (WO2019/204454)
[30] US (62/659,214) 2018-04-18

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[51] **Int.Cl. C09K 8/03 (2006.01) C09K 8/10 (2006.01) C09K 8/14 (2006.01) C09K 8/584 (2006.01) C09K 8/60 (2006.01) E21B 43/22 (2006.01) E21B 43/26 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **VISCOELASTIC SURFACTANT FLUID COMPOSITION, AND METHOD OF USING THE SAME**
[54] **COMPOSITION DE FLUIDE TENSIOACTIF VISCOELASTIQUE ET SON PROCEDE D'UTILISATION**
[72] ADVINCULA, RIGOBERTO C., US
[72] MIMURA, KUNITOSHI, JP
[71] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
[85] 2020-10-08
[86] 2019-04-12 (PCT/US2019/027268)
[87] (WO2019/200283)
[30] US (62/657,052) 2018-04-13

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[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) C12N 5/079 (2010.01) C12N 5/0793 (2010.01) C12N 15/113 (2010.01) A61P 25/28 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **REPROGRAMMING OF NON-NEURONAL CELLS INTO NEURONS AND METHODS AND COMPOSITIONS TO TREAT NEURODEGENERATIVE DISEASES AND DISORDERS**
[54] **REPROGRAMMATION DE CELLULES NON NEURONALES EN NEURONES ET METHODES ET COMPOSITIONS POUR TRAITER DES MALADIES ET DES TROUBLES NEURODEGENERATIFS**
[72] FU, XIANG-DONG, US
[72] QIAN, HAO, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2020-10-08
[86] 2019-04-11 (PCT/US2019/027027)
[87] (WO2019/200129)
[30] US (62/656,322) 2018-04-11
[30] US (62/718,774) 2018-08-14

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[51] **Int.Cl. A23L 33/15 (2016.01) H01L 21/02 (2006.01) H01L 21/8238 (2006.01)**
[25] EN
[54] **LIPOPHILIC ACTIVE AGENT INFUSED COMPOSITIONS WITH REDUCED FOOD EFFECT**
[54] **COMPOSITIONS D'INFUSION D'AGENTS LIPOPHILES ACTIFS A EFFET ALIMENTAIRE REDUIT**
[72] BUNKA, CHRISTOPHER ANDREW, CA
[72] DOCHERTY, JOHN, CA
[71] POVIVA CORP., US
[85] 2020-10-08
[86] 2019-04-17 (PCT/US2019/027954)
[87] (WO2019/204502)
[30] US (62/659,059) 2018-04-17

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[13] A1
[51] **Int.Cl. B09C 1/06 (2006.01) F23C 99/00 (2006.01) F23G 7/14 (2006.01)**
[25] EN
[54] **METHOD FOR THE DESTRUCTION OF ORGANIC CONTAMINANTS THROUGH SMOLDERING COMBUSTION**
[54] **PROCEDE DE DESTRUCTION DE CONTAMINANTS ORGANIQUES A L'AIDE D'UNE COMBUSTION COUVANTE**
[72] MAJOR, DAVID, CA
[72] GRANT, GAVIN, CA
[72] SCHOLES, GRANT, CA
[72] GERHARD, JASON, CA
[71] GEOSYNTEC CONSULTANTS, INC., US
[85] 2020-10-08
[86] 2019-04-25 (PCT/US2019/029071)
[87] (WO2019/210037)
[30] US (62/663,355) 2018-04-27

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[51] **Int.Cl. A47L 13/16 (2006.01) D04H 1/425 (2012.01) D04H 1/498 (2012.01) D04H 1/52 (2006.01)**
[25] EN
[54] **STITCHBONDED WASHABLE NONWOVEN TOWELS AND METHOD FOR MAKING**
[54] **SERVIETTES NON TISSEES LAVABLES, LIEES PAR COUTURE ET LEUR PROCEDE DE FABRICATION**
[72] LEE, MAXWELL JAMES, US
[72] BUSCH, ROBERT CHARLES, US
[71] AMTEX INNOVATIONS LLC, US
[85] 2020-10-08
[86] 2019-04-12 (PCT/US2019/027283)
[87] (WO2019/200294)
[30] US (62/657,418) 2018-04-13

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[13] A1
[51] **Int.Cl. F16L 55/132 (2006.01)**
[25] EN
[54] **ISOLATION PLUG WITH ENERGIZED SEAL**
[54] **BOUCHON D'ISOLATION AVEC JOINT D'ETANCHEITE ACTIVE**
[72] MCKONE, THOMAS H., US
[72] PARSLEY, CODY A., US
[72] PREWETT, KEELAN J., US
[71] TDW DELAWARE, INC., US
[85] 2020-10-08
[86] 2019-06-21 (PCT/US2019/038523)
[87] (WO2019/246550)
[30] US (62/688,875) 2018-06-22
[30] US (62/689,527) 2018-06-25

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[13] A1
[51] **Int.Cl. B27K 3/02 (2006.01) C08H 8/00 (2010.01) B01D 11/02 (2006.01) B27K 3/34 (2006.01)**
[25] EN
[54] **ACETYLATED WOOD AND METHOD OF MAKING SAME**
[54] **BOIS ACETYLE ET SON PROCEDE DE FABRICATION**
[72] KAPPEN, THEODORUS GERARDUS MARINUS MARIA, GB
[72] VAN DOMMELE, STEFAN, GB
[72] PRATT, EDWARD JAMES, GB
[71] TRICOYA TECHNOLOGIES LTD, GB
[85] 2020-10-09
[86] 2018-04-13 (PCT/EP2018/059562)
[87] (WO2019/197041)

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[51] **Int.Cl. A61K 31/192 (2006.01) A61K 31/4035 (2006.01) A61K 31/435 (2006.01) A61K 31/437 (2006.01) A61K 31/661 (2006.01) A61K 31/69 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTICANCER INDENES, INDANES, AZAINDENES, AZAINDANES, PHARMACEUTICAL COMPOSITIONS AND USES**
[54] **INDENES, INDANES, AZAINDENES, AZAINDANES ANTICANCEREUX, COMPOSITIONS PHARMACEUTIQUES ET UTILISATIONS**
[72] BOYD, MICHAEL, US
[72] CHEN, XI, US
[71] ADT PHARMACEUTICALS, LLC, US
[85] 2020-10-08
[86] 2019-04-26 (PCT/US2019/029430)
[87] (WO2019/210223)
[30] US (62/662,999) 2018-04-26

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[13] A1
[51] **Int.Cl. C12M 1/00 (2006.01)**
[25] EN
[54] **DISPENSING APPARATUS COMPRISING A DISPENSER FOR DISPENSING A LIQUID CONTAINING AT LEAST ONE CELL AND/OR AT LEAST ONE PARTICLE**
[54] **DISPOSITIF DE DISTRIBUTION MUNI D'UN DISTRIBUTEUR POUR DISTRIBUER UN LIQUIDE CONTENANT AU MOINS UNE CELLULE ET/OU AU MOINS UNE PARTICULE**
[72] SCHONDUBE, JONAS, DE
[72] LAUTSCHAM, LENA, DE
[71] CYTENA GMBH, DE
[85] 2020-10-09
[86] 2019-04-23 (PCT/EP2019/025118)
[87] (WO2019/206459)
[30] LU (LU100778) 2018-04-23

[21] **3,096,702**
[13] A1
[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/372 (2006.01)**
[25] EN
[54] **SIMULTANEOUS MULTI-SITE VAGUS NERVE NEUROMODULATION FOR IMPROVED GLYCEMIC CONTROL SYSTEM AND METHODS**
[54] **NEUROMODULATION MULTI-SITE SIMULTANEE DU NERF VAGUE POUR UN SYSTEME ET DES PROCEDES AMELIORES DE REGULATION DE GLYCEMIE**
[72] WAATAJA, JONATHAN JAMES, US
[72] NIHALANI, RAJ, US
[71] RESHAPE LIFESCIENCES, INC., US
[85] 2020-10-08
[86] 2019-04-12 (PCT/US2019/027297)
[87] (WO2019/200301)

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[13] A1
[51] **Int.Cl. A61K 39/145 (2006.01) A61P 31/16 (2006.01) C07K 16/10 (2006.01)**
[25] EN
[54] **ANTI-INFLUENZA NEURAMINIDASE MONOCLONAL ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS MONOCLONAUX DE LA NEURAMINIDASE ANTI-GRIPPE ET LEURS UTILISATIONS**
[72] KOBIE, JAMES J., US
[72] MARTINEZ-SOBRIDO, LUIS, US
[72] PIEPENBRINK, MICHAEL, US
[72] NOGALES, AITOR, US
[71] UNIVERSITY OF ROCHESTER, US
[85] 2020-10-08
[86] 2019-05-02 (PCT/US2019/030383)
[87] (WO2019/213384)
[30] US (62/666,180) 2018-05-03

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[13] A1
[51] **Int.Cl. A61K 9/107 (2006.01) A61K 9/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN O/W EMULSION, O/W EMULSION, AND SYSTEM FOR PRODUCING AN O/W EMULSION**
[54] **PROCEDE DE PRODUCTION D'UNE EMULSION HUILE DANS L'EAU, EMULSION HUILE DANS L'EAU ET INSTALLATION DE PRODUCTION D'UNE EMULSION HUILE DANS L'EAU**
[72] SCHMITT, JURGEN, DE
[72] KRUGER, VOLKER, DE
[72] GRUMBACH, CARSTEN, DE
[72] BRAUN, THORSTEN, DE
[71] B. BRAUN MELSUNGEN AG, DE
[85] 2020-10-09
[86] 2019-04-01 (PCT/EP2019/058193)
[87] (WO2019/197198)
[30] DE (10 2018 205 493.2) 2018-04-11

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01) C07K 16/36 (2006.01)**
[25] EN
[54] **METHODS OF TREATING CANCER WITH A COMBINATION OF AN ANTI-PD-1 ANTIBODY AND AN ANTI-TISSUE FACTOR ANTIBODY-DRUG CONJUGATE**
[54] **METHODES DE TRAITEMENT DU CANCER AU MOYEN D'UNE COMBINAISON D'UN CONJUGUE DE MEDICAMENT ANTICORPS ANTI-PD-1 ET ANTICORPS ANTI-FACTEUR TISSULAIRE**
[72] RANGWALA, RESHMA ABDULLA, US
[72] BREIJ, ESTHER C.W., NL
[72] VERPLOEGEN, SANDRA, NL
[72] ABIDOYE, OYEWALE O., US
[72] NICACIO, LEONARDO VIANA, US
[72] CAO, ANTHONY, US
[72] GARDAI, SHYRA, US
[71] GENMAB A/S, DK
[85] 2020-10-08
[86] 2019-05-07 (PCT/US2019/031168)
[87] (WO2019/217457)
[30] US (62/668,104) 2018-05-07

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[13] A1
[51] **Int.Cl. A61B 1/005 (2006.01) A61B 1/00 (2006.01) A61B 1/05 (2006.01) A61B 1/12 (2006.01) A61B 8/00 (2006.01) A61B 8/12 (2006.01) A61B 10/04 (2006.01) A61B 1/018 (2006.01) A61B 1/273 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **STEERABLE ULTRASOUND ATTACHMENT FOR ENDOSCOPE**
[54] **ACCESSOIRE ULTRASONORE ORIENTABLE POUR ENDOSCOPE**
[72] STEINBERG, STEPHEN E., US
[72] CORBETT, SCOTT SUTHERLAND III, US
[72] MCDONOUGH, WILLIAM J., US
[71] STEINBERG, STEPHEN E., US
[71] CORBETT, SCOTT SUTHERLAND III, US
[85] 2020-10-08
[86] 2019-04-12 (PCT/US2019/027331)
[87] (WO2019/200324)
[30] US (15/951,347) 2018-04-12

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[13] A1
[51] **Int.Cl. C12N 9/22 (2006.01) C12N 15/63 (2006.01) C12N 15/79 (2006.01) C12N 15/85 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR MULTIPLEXED TUMOR VACCINATION WITH ENDOGENOUS GENE ACTIVATION**
[54] **COMPOSITIONS ET METHODES DE VACCINATION DE TUMEUR MULTIPLEXEE AVEC ACTIVATION DE GENES ENDOGENES**
[72] CHEN, SIDI, US
[72] CHOW, RYAN D., US
[72] WANG, GUANGCHUAN, US
[71] YALE UNIVERSITY, US
[85] 2020-10-08
[86] 2019-04-17 (PCT/US2019/027956)
[87] (WO2019/204503)
[30] US (62/659,543) 2018-04-18
[30] US (62/743,990) 2018-10-10

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[13] A1
[51] **Int.Cl. E06B 1/60 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR SECURING FRAMES**
[54] **DISPOSITIF ET PROCEDE DE FIXATION DE DORMANTS**
[72] LIPSKY, FRANZ, AT
[71] KAINDLBAUER, REINHARD, AT
[71] LIPSKY, FRANZ, AT
[85] 2020-10-09
[86] 2019-03-12 (PCT/EP2019/056176)
[87] (WO2019/175184)
[30] EP (18162032.9) 2018-03-15

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[13] A1
[51] **Int.Cl. F25B 45/00 (2006.01) B29C 73/16 (2006.01) B60C 29/06 (2006.01) B60S 5/04 (2006.01) F16L 55/164 (2006.01)**
[25] EN
[54] **FLUID MATERIAL INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION DE MATIERE FLUIDE**
[72] MATLACK, FLOYD KENT, US
[72] KING, BRIAN E., US
[72] ECKENROTH, ADAM, US
[72] TOURIGNY, JAY S., US
[71] ZYNON TECHNOLOGIES, LLC, US
[85] 2020-10-08
[86] 2019-05-14 (PCT/US2019/032144)
[87] (WO2019/222162)
[30] US (62/672,204) 2018-05-16

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[13] A1
[51] **Int.Cl. C08L 23/08 (2006.01)**
[25] EN
[54] **HIGH TEMPERATURE TIE LAYER COMPOSITIONS, AND ARTICLES MADE THEREFROM**
[54] **COMPOSITIONS DE COUCHE DE LIAISON A HAUTE TEMPERATURE, ET ARTICLES FABRIQUES A PARTIR DE CES DERNIERES**
[72] CHANG, DANE, US
[72] DOYLE, CONDELL, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2020-10-08
[86] 2019-04-18 (PCT/US2019/028025)
[87] (WO2019/204549)
[30] US (62/660,293) 2018-04-20

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[13] A1
[51] **Int.Cl. F16K 31/385 (2006.01) E03D 3/06 (2006.01) F16K 21/12 (2006.01)**
[25] EN
[54] **VALVE DEVICE**
[54] **DISPOSITIF DE SOUPAPE**
[72] MARINOV, MARIN, US
[72] PITSCH, WALTER, US
[72] SOBERANO, ERIC, US
[72] SHIMIZU, KOJI, JP
[72] WATARI, KOJIRO, JP
[71] AS AMERICA, INC., US
[85] 2020-10-09
[86] 2019-05-17 (PCT/US2019/032840)
[87] (WO2019/222609)
[30] US (62/673,659) 2018-05-18

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) C12N 15/117 (2010.01) C12N 9/22 (2006.01) C12N 15/63 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR GENE EDITING**
[54] **COMPOSITIONS ET METHODES POUR L'EDITION GENIQUE**
[72] CHEN, JIN, US
[72] GILBERT, LUKE, US
[72] NUNEZ, JAMES, US
[72] WEISSMAN, JONATHAN, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2020-10-08
[86] 2019-04-19 (PCT/US2019/028377)
[87] (WO2019/204766)
[30] US (62/660,023) 2018-04-19

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[13] A1
[51] **Int.Cl. E21B 7/06 (2006.01)**
[25] EN
[54] **SIMPLE ROTARY STEERABLE DRILLING SYSTEM**
[54] **SYSTEME DE FORAGE ORIENTABLE ROTATIF SIMPLE**
[72] GRAY, IAN, AU
[71] GRAY, IAN, AU
[85] 2020-05-26
[86] 2018-11-23 (PCT/AU2018/051254)
[87] (WO2019/100116)
[30] AU (2017904782) 2017-11-27

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[13] A1
[51] **Int.Cl. G06F 3/023 (2006.01)**
[25] EN
[54] **MAGNETICALLY PROGRAMMABLE ACTUATORS FOR TACTILE CONVEYANCE OF INFORMATION**
[54] **ACTIONNEURS PROGRAMMABLES MAGNETIQUEMENT POUR ACHEMINEMENT TACTILE D'INFORMATIONS**
[72] PITTS, WALLACE, US
[72] YANG, PEICHUN, US
[71] PITTS, WALLACE, US
[71] YANG, PEICHUN, US
[85] 2020-10-08
[86] 2019-04-24 (PCT/US2019/028995)
[87] (WO2019/210002)
[30] US (62/661,636) 2018-04-24

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[13] A1
[51] **Int.Cl. F02G 1/053 (2006.01)**
[25] EN
[54] **HOT AIR ENGINE WITH STEP PISTON**
[54] **MOTEUR A AIR CHAUD A PISTON ETAGE**
[72] FRAUSCHER, JOSEF, AT
[71] FRAUSCHER HOLDING GMBH, AT
[85] 2020-10-09
[86] 2018-05-03 (PCT/EP2018/061441)
[87] (WO2018/206412)
[30] DE (10 2017 109 967.0) 2017-05-09

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[13] A1
[51] **Int.Cl. A61L 2/00 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **PROTECTION OF BIOLOGICALLY ACTIVE MOLECULES DURING RADIATION STERILIZATION**
[54] **PROTECTION DE MOLECULES BIOLOGIQUEMENT ACTIVES PENDANT UNE STERILISATION PAR RAYONNEMENT**
[72] HU, PAUL Q., US
[72] ALLEN, NADIA PATRICE, US
[72] HOWARD, JENNY LOUISE, US
[72] BOYLE, JEFF, US
[71] QIAGEN SCIENCES LLC, US
[85] 2020-10-08
[86] 2019-05-17 (PCT/US2019/032885)
[87] (WO2019/222638)
[30] US (62/673,671) 2018-05-18

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[13] A1
[51] **Int.Cl. C12P 21/00 (2006.01) A23K 20/147 (2016.01) C12M 1/04 (2006.01) C12N 1/06 (2006.01)**
[25] EN
[54] **SYSTEM FOR OBTAINING PROTEIN-RICH NUTRIENT SUPPLEMENTS FROM BACTERIAL FERMENTATION PROCESS**
[54] **SYSTEME D'OBTENTION DE COMPLEMENTS NUTRITIFS RICHES EN PROTEINES A PARTIR D'UN PROCESSUS DE FERMENTATION BACTERIENNE**
[72] SENARATNE, RYAN H., US
[72] FRUCHTL, MCKINZIE S., US
[72] PRICE, ABEL, US
[71] JUPENG BIO, INC., US
[85] 2020-10-08
[86] 2019-05-21 (PCT/US2019/033396)
[87] (WO2019/226703)
[30] US (62/674,604) 2018-05-21
[30] US (16/416,133) 2019-05-17

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[13] A1
[51] **Int.Cl. C09D 11/54 (2014.01) C09D 11/322 (2014.01) B32B 27/00 (2006.01) B41J 2/01 (2006.01) B41M 5/00 (2006.01)**
[25] EN
[54] **AQUEOUS PRIMER AND AQUEOUS WHITE INKJET INK COMPOSITION SET FOR LAMINATION**
[54] **ENSEMBLE D'APPRET AQUEUX POUR STRATIFIE ET DE COMPOSITION AQUEUSE D'ENCRE BLANCHE POUR JET D'ENCRE**
[72] SATO, YOICHI, JP
[72] MORIYASU, KAZUKI, JP
[72] TAKAHASHI, ERI, JP
[72] SANO, TAKAAKI, JP
[71] SAKATA INX CORPORATION, JP
[85] 2020-06-11
[86] 2018-12-20 (PCT/JP2018/046895)
[87] (WO2019/124473)
[30] JP (2017-245612) 2017-12-21

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[13] A1
[51] **Int.Cl. A61K 31/357 (2006.01) A61K 31/366 (2006.01) A61K 31/4745 (2006.01) A61K 31/5377 (2006.01) A61P 33/06 (2006.01)**
[25] EN
[54] **COMBINATION OF QUINOLINE-4-CARBOXAMIDES AND BENZONAPHTHYRIDINE DERIVATIVES AS ANTIMALARIAL DRUG COMBINATION**
[54] **COMBINAISON DE QUINOLEINE-4-CARBOXAMIDES ET DE DERIVES DE BENZONAPHTYRIDINE EN TANT QUE COMBINAISON DE MEDICAMENTS ANTIPALUDEENS**
[72] SPANGENBERG, THOMAS, CH
[72] OEUVRAY, CLAUDE, FR
[72] ABLA, NADA, FR
[71] MERCK PATENT GMBH, DE
[85] 2020-10-09
[86] 2019-04-09 (PCT/EP2019/058881)
[87] (WO2019/197367)
[30] EP (18166769.2) 2018-04-11

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[13] A1
[51] **Int.Cl. C07K 19/00 (2006.01) A61K 47/68 (2017.01) C07K 14/575 (2006.01) C07K 14/58 (2006.01) C07K 16/00 (2006.01) C12N 15/62 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **C-TYPE NATRIURETIC PEPTIDE ENGRAFTED ANTIBODIES**
[54] **ANTICORPS GREFFES DE PEPTIDES NATRIURETIQUES DE TYPE C**
[72] BROCKSCHNIEDER, DAMIAN, DE
[72] HOFMEISTER, LUCAS HUDSON, DE
[72] NOACK, CLAUDIA, DE
[72] TEBBE, JAN, DE
[72] WALSH, STUART, DE
[72] WILMEN, ANDREAS, DE
[72] WUNDER, FRANK, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2020-10-09
[86] 2019-04-10 (PCT/EP2019/059103)
[87] (WO2019/197477)
[30] EP (18167107.4) 2018-04-12

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[13] A1
[51] **Int.Cl. G06T 7/00 (2017.01) C40B 20/02 (2006.01)**
[25] EN
[54] **FLUORESCENCE IMAGE REGISTRATION METHOD, GENE SEQUENCING INSTRUMENT AND SYSTEM, AND STORAGE MEDIUM**
[54] **PROCEDE D'ENREGISTREMENT D'IMAGE DE FLUORESCENCE, INSTRUMENT ET SYSTEME DE SEQUENCAGE DE GENES, ET SUPPORT DE STOCKAGE**
[72] LI, MEI, CN
[72] LI, YU-XIANG, CN
[72] LIU, YI-WEN, CN
[71] MGI TECH CO., LTD., CN
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[51] **Int.Cl. E21B 17/02 (2006.01) E21B 17/042 (2006.01) E21B 17/08 (2006.01)**
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[54] **LOBULAR CONNECTION FOR TUBULARS**
[54] **RACCORD A LOBES POUR ELEMENTS TUBULAIRES**
[72] HUGHES, WILLIAM JAMES, US
[71] INTRINSIC ENERGY TECHNOLOGY, LLC, US
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[25] EN
[54] **BRAIN NATRIURETIC PEPTIDE ENGRAFTED ANTIBODIES**
[54] **ANTICORPS GREFFES DE PEPTIDES NATRIURETIQUES CEREBRAUX**
[72] BROCKSCHNIEDER, DAMIAN, DE
[72] TEBBE, JAN, DE
[72] WILMEN, ANDREAS, DE
[72] WUNDER, FRANK, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
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[30] EP (18167106.6) 2018-04-12

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[51] **Int.Cl. B65G 19/02 (2006.01) B65G 47/61 (2006.01)**
[25] EN
[54] **UNLOADING STATION AND METHOD FOR UNLOADING AN ARTICLE CONTAINER LOADED WITH AN ARTICLE**
[54] **POSTE DE DECHARGEMENT ET PROCEDE DESTINE AU DECHARGEMENT D'UN RECIPIENT DE PRODUIT A TRANSPORTER CHARGE AVEC UN PRODUIT A TRANSPORTER**
[72] REISCHL, JOSEF, AT
[72] RAUSCH, MARTIN, AT
[71] TGW MECHANICS GMBH, AT
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[25] EN
[54] **PHOTOVOLTAIC MODULES AND METHOD OF MANUFACTURE THEREOF**
[54] **MODULES PHOTOVOLTAIQUES ET PROCEDE DE FABRICATION ASSOCIE**
[72] LI, HENGYU, CH
[72] ESCARRE PALOU, JORDI, CH
[72] SODERSTROM, KARIN, CH
[72] BULLIARD, XAVIER, CH
[72] PERRET-AEBI, LAURE-EMMANUELLE, CH
[72] BALLIF, CHRISTOPHE, CH
[71] CSEM CENTRE SUISSE D'ELECTRONIQUE ET DE MICROTECHNIQUE SA - RECHERCHE ET DEVELOPPEMENT, CH
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[25] EN
[54] **ORAL IRRIGATOR WITH WATER VOLUME STEPLESS ADJUSTMENT DEVICE**
[54] **IRRIGATEUR DENTAIRE COMPRENANT UN DISPOSITIF DE REGULATION EN CONTINU DE QUANTITE D'EAU**
[72] ZHOU, XING, CN
[71] ZHOU, XING, CN
[85] 2020-10-09
[86] 2019-03-29 (PCT/CN2019/080386)
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[51] **Int.Cl. B60B 30/08 (2006.01) B60B 19/00 (2006.01) B60C 17/04 (2006.01)**
[25] EN
[54] **BAND FOR PROTECTING VEHICLE WHEELS AND TIRES**
[54] **CEINTURE DE PROTECTION DE ROUES ET DE PNEUMATIQUES DE VEHICULES**
[72] VIANNA, ALEXANDRE SCHUNN, BR
[71] VIANNA, ALEXANDRE SCHUNN, BR
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[51] **Int.Cl. A61G 5/06 (2006.01) A61G 5/04 (2013.01) B60G 3/14 (2006.01) B60G 7/00 (2006.01)**
[25] EN
[54] **WHEELCHAIR SUSPENSION**
[54] **SUSPENSION DE CHAISE ROULANTE**
[72] BATKE, RYAN, CA
[71] VELOX MANUFACTURING INC., CA
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[25] EN
[54] **DUAL ATM AND DNA-PK INHIBITORS FOR USE IN ANTI-TUMOR THERAPY**
[54] **INHIBITEURS DOUBLES D'ATM ET D'ADN-PK POUR UNE UTILISATION EN THERAPIE ANTITUMORALE**
[72] WANG, YAODE, CN
[72] FU, JIANMIN, CN
[72] SUN, YUE, CN
[72] WU, GUOSHENG, CN
[72] LU, AIJUN, CN
[72] ZHANG, SHUANG, CN
[72] GOODNOW, ROBERT, US
[72] GILMER, TONA, US
[72] KASTAN, MICHAEL, US
[72] KIRSCH, DAVID, US
[71] XRAD THERAPEUTICS, INC., US
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[25] EN
[54] **MULTI-STAGE LATEX PARTICLES WITH PEG IN OUTER STAGE**
[54] **PARTICULES DE LATEX A PLUSIEURS STRATES AYANT DU PEG EN STRATE EXTERNE**
[72] GRIGORAS, CHRISTIAN, US
[72] YANG, YONG, US
[72] SAAD, ROGINA, US
[72] GEURTSEN, RICHARD, US
[71] BENJAMIN MOORE & CO., US
[86] (3096733)
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[51] **Int.Cl. E06B 3/267 (2006.01) E06B 7/16 (2006.01)**
[25] EN
[54] **THERMAL SEPARATOR WITH INTEGRATED FLUID SEAL**
[54] **SEPARATEUR THERMIQUE A JOINT THERMIQUE INTEGRE**
[72] MCKENNA, GREGORY BLAKE, US
[72] DOLBY, JEFFREY SCOTT, US
[71] ARCONIC TECHNOLOGIES LLC, US
[85] 2020-09-15
[86] 2018-06-12 (PCT/US2018/037024)
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[51] **Int.Cl. G06T 5/00 (2006.01)**
[25] EN
[54] **CORRECTION METHOD, AND DEVICE FOR CORRECTING IMAGE DATA**
[54] **PROCEDE DE CORRECTION ET DISPOSITIF DE CORRECTION DE DONNEES D'IMAGES**
[72] WEINLICH, ANDREAS, DE
[71] CONTINENTAL AUTOMOTIVE GMBH, DE
[85] 2020-09-11
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[51] **Int.Cl. E06B 3/46 (2006.01) E04B 2/74 (2006.01) E04F 13/08 (2006.01)**
[25] EN
[54] **METHOD FOR OBTAINING A VERTICAL OR HORIZONTAL PROFILED ELEMENT FOR THE INTERCONNECTION OF PLASTERBOARD PANELS TO WALLS AND ELEMENT OBTAINED WITH SUCH METHOD**
[54] **PROCEDE D'OBTENTION D'UN ELEMENT PROFILE VERTICAL OU HORIZONTAL POUR LE RACCORDEMENT DE PANNEAUX DE PLAQUE DE PLATRE A DES MURS ET ELEMENT OBTENU AVEC UN TEL PROCEDE**
[72] DE FAVERI, LUIGI, IT
[71] ECLISSE S.R.L., IT
[85] 2020-09-16
[86] 2018-08-07 (PCT/EP2018/071405)
[87] (WO2019/185176)
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[51] **Int.Cl. G01M 7/08 (2006.01) G01M 7/02 (2006.01)**
[25] EN
[54] **COAL GANGUE INTERFACE RECOGNITION TEST SYSTEM FOR TOP COAL CAVING**
[54] **SYSTEME D'ESSAI DE RECONNAISSANCE D'INTERFACE DE GANGUE DE CHARBON POUR FOUDROYAGE DE CHARBON SUPERIEUR**
[72] ZENG, QINGLIANG, CN
[72] YANG, YANG, CN
[72] WAN, LIRONG, CN
[72] ZHANG, XIN, CN
[72] WANG, CHENGLONG, CN
[72] WANG, LIANG, CN
[72] LIU, ZHIHAI, CN
[72] GAO, KUIDONG, CN
[72] ZHANG, YI, CN
[71] SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY, CN
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[51] **Int.Cl. G01N 21/27 (2006.01) A61B 10/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **BIOLOGICAL TISSUE ANALYZING DEVICE, BIOLOGICAL TISSUE ANALYZING PROGRAM, AND BIOLOGICAL TISSUE ANALYZING METHOD**
[54] **DISPOSITIF D'ANALYSE DE TISSU BIOLOGIQUE, PROGRAMME D'ANALYSE DE TISSU BIOLOGIQUE ET METHODE D'ANALYSE DE TISSU BIOLOGIQUE**
[72] NAKAYA, DAIKI, JP
[72] SATORI, SHIN, JP
[71] NAKAYA, DAIKI, JP
[85] 2020-09-16
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[51] **Int.Cl. A01H 1/04 (2006.01) A01H 6/46 (2018.01) A01H 5/10 (2018.01) C12N 15/82 (2006.01)**
[25] EN
[54] **GENES ASSOCIATED WITH RESISTANCE TO WHEAT YELLOW RUST**
[54] **GENES ASSOCIES A LA RESISTANCE A LA ROUILLE JAUNE DU BLE**
[72] UAUY, CRISTOBAL, GB
[72] MARCHAL, CLEMENCE, GB
[72] LAGUDAH, EVANS, AU
[72] MCINTOSH, ROBERT, AU
[72] ZHANG, JIANPING, AU
[72] ZHANG, PENG, AU
[71] JOHN INNES CENTRE, GB
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[71] THE UNIVERSITY OF SYDNEY, AU
[85] 2020-10-09
[86] 2019-04-09 (PCT/EP2019/058963)
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[30] GB (1805865.1) 2018-04-09

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[51] **Int.Cl. C12M 1/00 (2006.01) C12M 1/02 (2006.01) C12M 1/12 (2006.01) C12M 3/00 (2006.01) C12M 3/02 (2006.01) C12N 1/00 (2006.01) C12N 1/16 (2006.01)**
[25] EN
[54] **CELL EXPANSION SYSTEM**
[54] **SYSTEME DE CROISSANCE CELLULAIRE**
[72] LEI, YUGUO, US
[72] VILJOEN, HENDRICK, US
[71] NUTECH VENTURES, US
[85] 2020-09-16
[86] 2019-03-15 (PCT/US2019/022594)
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[30] US (62/643,894) 2018-03-16

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[51] **Int.Cl. A61B 17/072 (2006.01) A61B 34/30 (2016.01) A61B 90/96 (2016.01) A61B 90/98 (2016.01) A61B 17/068 (2006.01) A61B 17/29 (2006.01)**
[25] EN
[54] **STAPLE CARTRIDGE ASSEMBLY FOR USE IN A SURGICAL ROBOTIC SYSTEM**
[54] **ENSEMBLE CARTOUCHE D'AGRAFES A UTILISER DANS UN SYSTEME ROBOTIQUE CHIRURGICAL**
[72] HESSLER, THOMAS, US
[72] CALDERONI, ANTHONY, US
[72] JERMINE, DAVID, US
[71] COVIDIEN LP, US
[85] 2020-09-23
[86] 2019-04-01 (PCT/US2019/025124)
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[30] US (62/661,333) 2018-04-23

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[51] **Int.Cl. A61K 8/02 (2006.01) A44C 15/00 (2006.01) A61K 8/19 (2006.01) A61K 8/81 (2006.01) A61Q 1/02 (2006.01) H01F 1/36 (2006.01) H01F 1/37 (2006.01) H01F 1/375 (2006.01)**
[25] EN
[54] **MAGNETIC DERMAL ADHESIVES, ACCESSORIES, AND RELATED METHODS**
[54] **ADHESIFS DERMIQUES MAGNETIQUES, ACCESSOIRES ET PROCEDES ASSOCIES**
[72] HUNTER, LAURA A., US
[71] HUNTER, LAURA A., US
[85] 2020-09-18
[86] 2019-03-20 (PCT/US2019/023199)
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[25] EN
[54] **SELF-ASSEMBLED GELS FOR CONTROLLED DELIVERY OF BIOLOGICS AND METHODS OF MAKING THEREOF**
[54] **GELS AUTO-ASSEMBLES POUR L'ADMINISTRATION CONTROLEE DE PRODUITS BIOLOGIQUES ET LEURS PROCEDES DE FABRICATION**
[72] ZUGATES, GREGORY T., US
[72] WANG, JULIA, US
[72] VAN DER POLL, DEREK G., US
[72] BLASIOLI, DOMINICK J., US
[71] ALIVIO THERAPEUTICS, INC., US
[85] 2020-09-23
[86] 2019-04-04 (PCT/US2019/025782)
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[30] US (62/652,548) 2018-04-04

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[51] **Int.Cl. C07D 403/04 (2006.01) A01N 43/653 (2006.01) A01N 43/713 (2006.01) A01N 47/04 (2006.01) A61K 31/4196 (2006.01) C07C 317/14 (2006.01) C07C 317/44 (2006.01) C07C 321/28 (2006.01) C07D 401/04 (2006.01) C07D 401/14 (2006.01) C07D 403/14 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01) C07D 417/04 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **N-(CYCLOPROPYLMETHYL)-5-(METHYLSULFONYL)-N-{1-[1-(PYRIMIDIN-2-YL)-1H-1,2,4-TRIAZOL-5-YL]ETHYL}BENZAMIDE DERIVATIVES AND THE CORRESPONDING PYRIDINE-CARBOXAMIDE DERIVATIVES AS PESTICIDES**
[54] **DERIVES DE N-(CYCLOPROPYLMETHYL)-5-(METHYLSULFONYL)-N-{1-[1-(PYRIMIDIN-2-YL)-1H-1,2,4-TRIAZOL-5-YL]ETHYL}BENZAMIDE ET DERIVES DE PYRIDINE-CARBOXAMIDE CORRESPONDANTS UTILISES EN TANT QUE PESTICIDES**
[72] ARLT, ALEXANDER, DE
[72] HALLENBACH, WERNER, DE
[72] SCHWARZ, HANS-GEORG, DE
[72] FUSSLEIN, MARTIN, DE
[72] WROBLOWSKY, HEINZ-JUERGEN, DE
[72] LINKA, MARC, DE
[72] EILMUS, SASCHA, DE
[72] ILG, KERSTIN, DE
[72] GORGENS, ULRICH, DE
[72] DAMIJONAITIS, ARUNAS JONAS, DE
[72] CANCHO GRANDE, YOLANDA, DE
[72] EBBINGHAUS-KINTSCHER, ULRICH, DE
[72] JESCHKE, PETER, DE
[72] HA, WEIJIE, CN
[72] HEISLER, IRING, DE
[72] TURBERG, ANDREAS, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2020-10-09
[86] 2019-04-10 (PCT/EP2019/059089)
[87] (WO2019/197468)
[30] EP (18167084.5) 2018-04-12
[30] CN (PCT/CN2018/099141) 2018-08-07
[30] EP (18209259.3) 2018-11-29

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[13] A1
[51] **Int.Cl. C21D 8/12 (2006.01)**
[25] EN
[54] **A GRAIN-ORIENTED SILICON STEEL HAVING HEAT-RESISTANT MAGNETIC DOMAIN AND MANUFACTURING METHOD THEREOF**
[54] **ACIER AU SILICIUM A GRAINS ORIENTES RAFFINE A DOMAINE MAGNETIQUE RESISTANT A LA CHALEUR ET PROCEDE DE FABRICATION ASSOCIE**
[72] CHU, SHUANGJIE, CN
[72] ZHAO, ZIPENG, CN
[72] YANG, YONGJIE, CN
[72] MA, CHANGSONG, CN
[72] WU, MEIHONG, CN
[72] JI, YAMING, CN
[72] MA, AIHUA, CN
[72] XIE, WEIYONG, CN
[72] LIU, HAI, CN
[72] GUO, JIANGUO, CN
[71] BAOSHAN IRON & STEEL CO., LTD., CN
[85] 2020-09-15
[86] 2018-06-20 (PCT/CN2018/092008)
[87] (WO2019/184104)
[30] CN (201810303841.8) 2018-03-30

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[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/4439 (2006.01) A61K 31/501 (2006.01) A61P 31/04 (2006.01) C07D 401/12 (2006.01) C07D 403/14 (2006.01)**
[25] EN
[54] **NOVEL ALBICIDIN DERIVATIVES, THEIR USE AND SYNTHESIS**
[54] **NOUVEAUX DERIVES D'ALBICIDINE, LEUR UTILISATION ET LEUR SYNTHESE**
[72] SUSSMUTH, RODERICH, DE
[72] GRATZ, STEFAN, DE
[72] BEHROZ, IRAJ, DE
[72] VON ECKARDSTEIN, LEONARD, DE
[72] DURKIN, PATRICK MICHAEL, DE
[72] WESTON, JOHN, DE
[72] ZBOROVSKY, LIEBY, DE
[71] TECHNISCHE UNIVERSITAT BERLIN, DE
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[86] 2019-03-28 (PCT/EP2019/057877)
[87] (WO2019/185806)
[30] EP (18165020.1) 2018-03-29

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[13] A1
[51] **Int.Cl. C07K 19/00 (2006.01) A61K 47/68 (2017.01) C07K 14/58 (2006.01) C07K 16/00 (2006.01) C12N 15/62 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **ATRIAL NATRIURETIC PEPTIDE ENGRAFTED ANTIBODIES**
[54] **ANTICORPS A GREFFE DE PEPTIDES NATRIURETIQUES ATRIAUX**
[72] MAYER-BARTSCHMID, ANKE, DE
[72] BROCKSCHNIEDER, DAMIAN, DE
[72] GEERTZ, MARCEL, DE
[72] GREVEN, SIMONE, DE
[72] HOFMEISTER, LUCAS HUDSON, DE
[72] JORISSEN, HANNAH, DE
[72] MAHLERT, CHRISTOPH, DE
[72] MARQUARDT, TOBIAS, DE
[72] MATHAR, ILKA, DE
[72] MONDRITZKI, THOMAS, DE
[72] NOACK, CLAUDIA, DE
[72] TEBBE, JAN, DE
[72] WALSH, STUART, DE
[72] WEBER, ERNST, DE
[72] WILMEN, ANDREAS, DE
[72] WUNDER, FRANK, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2020-10-09
[86] 2019-04-10 (PCT/EP2019/059093)
[87] (WO2019/197470)
[30] EP (18167102.5) 2018-04-12

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[13] A1
[51] **Int.Cl. A01D 17/10 (2006.01) B65G 15/52 (2006.01)**
[25] EN
[54] **SCREENING BELT UNIT FOR A HARVESTING MACHINE, AND ASSOCIATED FLAP UNIT**
[54] **UNITE TABLIER-CRIBLEUR D'UNE RECOLTEUSE, UNITE CLAPET ASSOCIEE**
[72] ROSS, JULIAN, DE
[72] HALBRUGGE, CHRISTOPH, DE
[72] GERDES, JOSEF, DE
[72] KRUTHAUP, FRANZ-BERND, DE
[72] SCHLEINER, HEINRICH, DE
[71] GRIMME LANDMASCHINENFABRIK GMBH & CO. KG, DE
[85] 2020-10-09
[86] 2019-04-11 (PCT/EP2019/059308)
[87] (WO2019/197554)
[30] DE (10 2018 108 879.5) 2018-04-13

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[13] A1
[51] **Int.Cl. E21B 17/042 (2006.01) F16L 15/00 (2006.01)**
[25] EN
[54] **TUBULAR THREADED CONNECTION**
[54] **RACCORD FILETE TUBULAIRE**
[72] BRIANE, BENOIT, FR
[72] FOTHERGILL, ALAN, FR
[72] FOULOGNE, ANTHONY, FR
[72] MARTIN, PIERRE, FR
[71] VALLOUREC OIL AND GAS FRANCE, FR
[71] NIPPON STEEL CORPORATION, JP
[85] 2020-10-09
[86] 2019-05-24 (PCT/EP2019/063436)
[87] (WO2019/224344)
[30] EP (18305639.9) 2018-05-25

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[13] A1
[51] **Int.Cl. A61K 47/58 (2017.01) A61K 47/54 (2017.01) A61K 47/64 (2017.01) A61K 47/65 (2017.01) A61K 47/68 (2017.01) A61K 51/06 (2006.01) A61K 51/10 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **BIOCOMPATIBLE COPOLYMER CONTAINING MULTIPLE ACTIVE AGENT MOLECULES**
[54] **COPOLYMERE BIOCOMPATIBLE CONTENANT DE MULTIPLES MOLECULES D'AGENT ACTIF**
[72] GERATHS, CHRISTIAN, DE
[72] THOMMEN, CHRISTOPHE, FR
[72] HACKEBEIL, MICHAEL, DE
[72] PANIGHETTI, DAVIDE, CH
[72] HITZ, HANS, CH
[71] CIS PHARMA AG, CH
[85] 2020-10-09
[86] 2019-05-08 (PCT/EP2019/061769)
[87] (WO2019/215207)
[30] US (62/762,549) 2018-05-10

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[13] A1
[51] **Int.Cl. A47C 9/02 (2006.01) A47C 4/18 (2006.01)**
[25] FR
[54] **RETRACTABLE SEAT FOR A PERCHED POSITION**
[54] **SIEGE ESCAMOTABLE POUR UNE POSITION ASSIS-DEBOUT**
[72] GRAVLO, BERTRAND, FR
[71] GRAVLO, BERTRAND, FR
[85] 2020-10-09
[86] 2019-04-12 (PCT/EP2019/059393)
[87] (WO2019/201760)
[30] FR (1853475) 2018-04-19

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[51] **Int.Cl. A61M 15/08 (2006.01) A61M 5/315 (2006.01) A61M 11/00 (2006.01) A61M 15/00 (2006.01) B65B 3/00 (2006.01) B65B 7/16 (2006.01) B65B 7/28 (2006.01) B65B 31/02 (2006.01) B65B 31/04 (2006.01) G09B 23/28 (2006.01) G09B 23/30 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **BI-DOSE NASAL SPRAY**
[54] **PULVERISATION NASALE BI-DOSE**
[72] FROHLICH, JOHANNES MALTA, CH
[72] ZADORY, MATTHIAS GERGELY, CH
[72] BIENDL, STEFAN PASCAL, CH
[71] AKROSWISS AG, CH
[85] 2020-10-09
[86] 2019-05-08 (PCT/EP2019/061827)
[87] (WO2019/215235)
[30] CH (00575/18) 2018-05-08
[30] EP (18209897.0) 2018-12-03

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[13] A1
[51] **Int.Cl. E21B 17/042 (2006.01) F16L 15/00 (2006.01)**
[25] EN
[54] **TUBULAR THREADED CONNECTION**
[54] **RACCORD TUBULAIRE FILETE**
[72] BRIANE, BENOIT, FR
[72] FOTHERGILL, ALAN, FR
[72] MARUTA, SATOSHI, JP
[72] OKU, YOSUKE, JP
[71] VALLOUREC OIL AND GAS FRANCE, FR
[71] NIPPON STEEL CORPORATION, JP
[85] 2020-10-09
[86] 2019-05-24 (PCT/EP2019/063437)
[87] (WO2019/224345)
[30] EP (18305640.7) 2018-05-25

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[13] A1
[51] **Int.Cl. E21B 17/042 (2006.01) F16L 15/00 (2006.01)**
[25] EN
[54] **THREADED TUBULAR CONNECTION FOR CASING**
[54] **RACCORD TUBULAIRE FILETE POUR TUBAGE**
[72] FOULOGNE, ANTHONY, FR
[72] MARTIN, PIERRE, FR
[71] VALLOUREC OIL AND GAS FRANCE, FR
[71] NIPPON STEEL CORPORATION, JP
[85] 2020-10-09
[86] 2019-05-24 (PCT/EP2019/063434)
[87] (WO2019/224343)
[30] EP (18305641.5) 2018-05-25

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[13] A1
[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/05 (2006.01) A61K 31/135 (2006.01) A61K 31/192 (2006.01) A61K 31/352 (2006.01) A61K 31/437 (2006.01) A61K 31/65 (2006.01) A61K 31/7048 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **KIT, COMPOSITION AND COMBINATION THERAPY FOR FRAGILE X SYNDROME**
[54] **KIT, COMPOSITION ET POLYTHERAPIE POUR LE SYNDROME DE L'X FRAGILE**
[72] BROWN, DAVID, GB
[71] HEALX LIMITED, GB
[85] 2020-10-09
[86] 2019-04-12 (PCT/EP2019/059470)
[87] (WO2019/197630)
[30] US (62/657,275) 2018-04-13

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[13] A1
[51] **Int.Cl. B64C 39/02 (2006.01)**
[25] EN
[54] **METHOD FOR INSPECTING AND/OR MANIPULATING A BEAM USING AN UNMANNED AERIAL VEHICLE AND UNMANNED AERIAL VEHICLE SUITABLE THEREFOR**
[54] **PROCEDE D'INSPECTION ET/OU DE MANIPULATION D'UNE POUTRE A L'AIDE D'UN VEHICULE AERIEN SANS PILOTE ET VEHICULE AERIEN SANS PILOTE APPROPRIE A CET EFFET**
[72] ANDEWEG, SEM, NL
[71] TERRA INSPECTIONEERING B.V., NL
[85] 2020-09-29
[86] 2019-03-29 (PCT/NL2019/050197)
[87] (WO2019/190325)
[30] NL (2020695) 2018-03-30

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[13] A1
[51] **Int.Cl. B65G 67/20 (2006.01)**
[25] EN
[54] **APPARATUS FOR LOADING ARTICLES INTO A SHIPPING CONTAINER**
[54] **APPAREIL POUR CHARGER DES ARTICLES DANS UN CONTENEUR D'EXPEDITION**
[72] MCVICAR, MARTIN, IE
[72] MOFFETT, ROBERT, IE
[72] WHYTE, MARK, IE
[71] COMBILIFT, IE
[85] 2020-10-09
[86] 2019-04-15 (PCT/EP2019/059638)
[87] (WO2019/206710)
[30] IE (S2018/0132) 2018-04-25

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[13] A1
[51] **Int.Cl. A47G 11/00 (2006.01) A47G 21/14 (2006.01)**
[25] EN
[54] **NAPKIN WITH ADHERING PORTION FOR WRAPPING CUTLERY**
[54] **SERVIETTE AYANT UNE PARTIE ADHESIVE POUR ENVELOPPER DES COUVERTS**
[72] STENBERG, MARTIN, SE
[71] ESSITY HYGIENE AND HEALTH AKTIEBOLAG, SE
[85] 2020-06-19
[86] 2017-12-20 (PCT/EP2017/083816)
[87] (WO2019/120514)

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[13] A1
[51] **Int.Cl. C07K 16/30 (2006.01)**
[25] EN
[54] **RECOMBINANT SINGLE CHAIN IMMUNOGLOBULINS**
[54] **IMMUNOGLOBULINES A CHAINE UNIQUE RECOMBINANTES**
[72] DANGER, YANNIC, FR
[72] COGNE, MICHEL, FR
[71] ETABLISSEMENT FRANCAIS DU SANG, FR
[85] 2020-06-19
[86] 2019-03-05 (PCT/EP2019/055453)
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[13] A1
[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/40 (2006.01) A61K 31/4025 (2006.01) A61K 31/404 (2006.01) A61K 31/4155 (2006.01) A61K 31/4439 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 207/48 (2006.01) C07D 231/12 (2006.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01) C07D 409/12 (2006.01) C07D 409/14 (2006.01) C07D 413/12 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMBINATION PRODUCTS COMPRISING A HISTONE DEACETYLASE (HDAC) INHIBITOR AND A TLR7 AGONIST AND/OR TLR8 AGONIST FOR THE TREATMENT OF CANCER**
[54] **PRODUITS DE COMBINAISON PHARMACEUTIQUE COMPRENANT UN INHIBITEUR D'HISTONE DESACETYLASE (HDAC) ET UN AGONISTE DE TLR7 ET/OU UN AGONISTE DE TLR8 POUR LE TRAITEMENT DU CANCER**
[72] HAMM, SVETLANA, DE
[71] 4SC AG, DE
[85] 2020-10-09
[86] 2019-04-15 (PCT/EP2019/059651)
[87] (WO2019/197682)
[30] EP (18167403.7) 2018-04-14

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[13] A1
[51] **Int.Cl. E21B 7/02 (2006.01) E21B 15/04 (2006.01)**
[25] EN
[54] **DUAL ELECTROHYDRAULIC VEHICLE FOR TUNNELLING AND ROOF FORTIFICATION**
[54] **VEHICULE ELECTROHYDRAULIQUE DOUBLE POUR LA CONSTRUCTION DE TUNNELS ET LA FORTIFICATION DE VOUTES**
[72] DIAZ LOPEZ, FERNANDO MISAEL, PE
[71] RESEMIN S.A., PE
[85] 2020-10-02
[86] 2018-04-24 (PCT/PE2018/000008)
[87] (WO2019/209124)

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[13] A1
[51] **Int.Cl. C25B 15/00 (2006.01) C25B 3/04 (2006.01)**
[25] EN
[54] **PHOTOVOLTAIC-ELECTROCHEMICAL (PV-EC) SYSTEM**
[54] **SYSTEME PHOTOVOLTAIQUE-ELECTROCHIMIQUE (PV-EC)**
[72] HERNANDEZ ALONSO, MARIA DOLORES, ES
[72] PENELAS PEREZ, GERMAN, ES
[72] CARRETERO GONZALEZ, NINA MAGALI, ES
[72] ANDREU ARBELLA, TERESA, ES
[72] MORANTE LLEONART, JUAN RAMON, ES
[71] REPSOL, S.A., ES
[71] ENAGAS SERVICES SOLUTIONS, S.L.U., ES
[85] 2020-10-09
[86] 2019-04-16 (PCT/EP2019/059767)
[87] (WO2019/201897)
[30] EP (18382257.6) 2018-04-17

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[13] A1
[51] **Int.Cl. E21B 29/00 (2006.01) E21B 29/06 (2006.01) E21B 43/112 (2006.01)**
[25] EN
[54] **WORKOVER TOOL STRING**
[54] **TRAIN D'OUTILS DE RECONDITIONNEMENT**
[72] KRUGER, CHRISTIAN, DK
[71] WELLTEC A/S, DK
[85] 2020-10-09
[86] 2019-04-25 (PCT/EP2019/060607)
[87] (WO2019/207040)
[30] EP (18169439.9) 2018-04-26

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[13] A1
[51] **Int.Cl. C01B 3/00 (2006.01) C01B 3/06 (2006.01) C07F 7/00 (2006.01) C08G 77/12 (2006.01)**
[25] EN
[54] **HYDROGEN CARRIER COMPOUNDS**
[54] **COMPOSES PORTEURS D'HYDROGENE**
[72] BURCHER, BENJAMIN, FR
[72] LOME, VINCENT, FR
[72] BENOIT, REMY, FR
[71] HYSILABS, SAS, FR
[85] 2020-10-09
[86] 2019-04-30 (PCT/EP2019/061106)
[87] (WO2019/211300)
[30] EP (18305549.0) 2018-05-02
[30] EP (18306001.1) 2018-07-23

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[13] A1
[51] **Int.Cl. C01B 3/06 (2006.01) C01B 3/00 (2006.01) C08G 77/12 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING AND REGENERATING HYDROGEN CARRIER COMPOUNDS**
[54] **PROCEDE DE PRODUCTION ET DE REGENERATION DE COMPOSES PORTEURS D'HYDROGENE**
[72] BURCHER, BENJAMIN, FR
[72] LOME, VINCENT, FR
[72] BENOIT, REMY, FR
[71] HYSILABS, SAS, FR
[85] 2020-10-09
[86] 2019-04-30 (PCT/EP2019/061109)
[87] (WO2019/211301)
[30] EP (18305549.0) 2018-05-02
[30] EP (18306001.1) 2018-07-23

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[13] A1
[51] **Int.Cl. A61F 2/66 (2006.01)**
[25] FR
[54] **FOOT PROSTHESIS COMPRISING A DAMPING ELEMENT**
[54] **PROTHESE DE PIED COMPORTANT UN ELEMENT D'AMORTISSEMENT**
[72] PENOT, BENJAMIN, FR
[71] PM INGENIERIE ET DESIGN, FR
[85] 2020-09-16
[86] 2018-03-09 (PCT/EP2018/055868)
[87] (WO2018/166905)
[30] FR (1752217) 2017-03-17
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[13] A1
[51] **Int.Cl. C22C 21/12 (2006.01) C22C 21/16 (2006.01) C22C 21/18 (2006.01) C22F 1/057 (2006.01)**
[25] FR
[54] **ALLIAGE ALUMINIUM CUIVRE LITHIUM A RESISTANCE EN COMPRESSION ET TENACITE AMELIOREES**
[54] **ALUMINIUM-COPPER-LITHIUM ALLOY HAVING IMPROVED COMPRESSIVE STRENGTH AND IMPROVED TOUGHNESS**
[72] MAS, FANNY, FR
[72] BARBIER, DAVID, FR
[72] JUGE, SAMUEL, FR
[72] DANIELOU, ARMELLE, FR
[72] POUGET, GAELLE, FR
[72] BAYONA-CARRILLO, NICOLAS, FR
[71] CONSTELLIUM ISSOIRE, FR
[85] 2020-10-09
[86] 2019-04-24 (PCT/FR2019/050965)
[87] (WO2019/211547)
[30] FR (1853798) 2018-05-02

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[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4427 (2006.01) A61K 31/4439 (2006.01) A61P 7/02 (2006.01) A61P 9/00 (2006.01) A61P 23/02 (2006.01) A61P 27/06 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **NOVEL PYRIDINE AND PYRAZINE COMPOUNDS AS INHIBITORS OF CANNABINOID RECEPTOR 2**
[54] **NOUVEAUX COMPOSES DE PYRIDINE ET DE PYRAZINE EN TANT QU'INHIBITEURS DU RECEPTEUR CANNABINOIDE 2**
[72] GOBBI, LUCA, CH
[72] GRETHER, UWE, CH
[72] KRETZ, JULIAN, CH
[72] AMETAMEY, SIMON M., CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[71] ETH ZUERICH, CH
[85] 2020-10-09
[86] 2019-06-25 (PCT/EP2019/066811)
[87] (WO2020/002320)
[30] EP (18180137.4) 2018-06-27

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[13] A1
[51] **Int.Cl. G01D 5/353 (2006.01) G01K 11/32 (2006.01)**
[25] EN
[54] **APPARATUS FOR MONITORING A MEASURAND**
[54] **APPAREIL DE SURVEILLANCE D'UN MESURANDE**
[72] DOYLE, CRISPIN, GB
[72] JONES, KEVIN, GB
[71] KIDDE TECHNOLOGIES, INC., US
[85] 2020-10-09
[86] 2019-03-29 (PCT/GB2019/050930)
[87] (WO2019/197800)
[30] GB (1805874.3) 2018-04-09

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/24 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **COMBINATION OF LIF INHIBITORS AND PD-1 AXIS INHIBITORS FOR USE IN TREATING CANCER**
[54] **COMBINAISON D'INHIBITEURS DE LIF ET D'INHIBITEURS DE L'AXE PD-1 POUR UNE UTILISATION DANS LE TRAITEMENT DU CANCER**
[72] SEOANE SUAREZ, JOAN, ES
[72] ANIDO FOLGUEIRA, JUDIT, ES
[72] FRANSSON, JOHAN, CA
[72] HALLETT, ROBIN MATTHEW, CA
[72] PASCUAL GARCIA, MONICA, ES
[72] BONFILL TEIXIDOR, ESTER, ES
[72] PLANAS RIGOL, ESTER, ES
[71] MEDIMMUNE LIMITED, GB
[71] FUNDACIO PRIVADA INSTITUT D'INVESTIGACIO ONCOLOGICA DE VALL HEBRON, ES
[71] FUNDACIO PRIVADA INSTITUCIO CATALANA DE RECERCA I ESTUDIS AVANCATS, ES
[85] 2020-10-09
[86] 2019-04-11 (PCT/IB2019/000423)
[87] (WO2019/197903)
[30] EP (18382248.5) 2018-04-12
[30] EP (18382326.9) 2018-05-14
[30] EP (18382360.8) 2018-05-25
[30] EP (19382132.9) 2019-02-22

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[13] A1
[51] **Int.Cl. C01B 3/16 (2006.01) B01J 8/00 (2006.01) C01B 3/38 (2006.01) C01F 11/06 (2006.01)**
[25] EN
[54] **AIR-TO-SYNGAS SYSTEMS AND PROCESSES**
[54] **SYSTEMES ET PROCEDES AIR-GAZ DE SYNTHESE**
[72] MCCAHILL, JENNY SARA JEAN, CA
[72] OLMSTEAD, DOUGLAS EDWARD, CA
[72] HEIDEL, KENTON ROBERT, CA
[72] SANDHU, NAVJOT KAUR, CA
[71] CARBON ENGINEERING LTD., CA
[85] 2020-06-11
[86] 2018-12-12 (PCT/US2018/065270)
[87] (WO2019/118635)
[30] US (62/597,733) 2017-12-12

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[13] A1
[51] **Int.Cl. G09F 19/22 (2006.01) E04F 11/00 (2006.01) G09F 9/302 (2006.01)**
[25] EN
[54] **DEVICE FOR DISPLAYING IMAGES FOR STANDS OR STAIRWAYS**
[54] **DISPOSITIF D'AFFICHAGE D'IMAGES POUR MARCHES OU ESCALIERS**
[72] GROS ESPANA, SERGIO, ES
[72] PALMEROLA FERNANDEZ, JAVIER, ES
[72] BOJA PASTOR, DAVID BORIS, ES
[72] PRIO BATALLA, JESUS, ES
[72] COTO BARRIOS, RAFAEL, ES
[71] STAIRMEDIA BCN, S.L., ES
[85] 2020-10-09
[86] 2019-06-25 (PCT/ES2019/070443)
[87] (WO2020/002735)
[30] EP (18382473.9) 2018-06-26
[30] EP (18382701.3) 2018-10-03
[30] ES (U201931056) 2019-06-21

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[13] A1
[51] **Int.Cl. C08L 1/14 (2006.01)**
[25] EN
[54] **HOMOGENOUS POLYMER MIXTURE, METHOD RELATED THERETO AND USE THEREOF**
[54] **MELANGE POLYMERE HOMOGENE, PROCEDE ET UTILISATION ASSOCIES**
[72] ANTTILA, UPI, FI
[72] ASIKAINEN, MARTTA, FI
[72] IMMONEN, KIRSI, FI
[72] KAMINEN, JAAKKO, FI
[72] LAINE, CHRISTIANE, FI
[72] VUORINEN, TOMMI, FI
[71] WOODLY OY, FI
[85] 2020-10-09
[86] 2019-04-23 (PCT/FI2019/050323)
[87] (WO2019/207204)
[30] FI (20185381) 2018-04-23
[30] FI (20186082) 2018-12-14

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[13] A1
[51] **Int.Cl. A61F 9/007 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **ERGONOMIC HANDPIECE**
[54] **PIECE A MAIN ERGONOMIQUE**
[72] CHRISTOPHER, STEPHEN M., US
[72] CHILDS, JACOB S., US
[71] JOHNSON & JOHNSON SURGICAL VISION, INC., US
[85] 2020-10-09
[86] 2019-04-17 (PCT/IB2019/053188)
[87] (WO2019/202530)
[30] US (62/660,647) 2018-04-20

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[13] A1
[51] **Int.Cl. A61B 1/005 (2006.01) A61B 1/00 (2006.01) A61B 1/008 (2006.01) A61B 1/01 (2006.01) A61B 1/018 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **MANUAL OPERATION UNIT AND MANUAL OPERATION GROUP FOR A MEDICAL DEVICE**
[54] **UNITE D'ACTIONNEMENT MANUEL ET GROUPE D'ACTIONNEMENT MANUEL POUR UN DISPOSITIF MEDICAL**
[72] CENNAMO, VINCENZO, IT
[71] ENDOKEY S.R.L., IT
[85] 2020-10-09
[86] 2019-04-12 (PCT/IB2019/053038)
[87] (WO2019/198049)
[30] IT (102018000004478) 2018-04-13

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[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) C07D 401/04 (2006.01)**
[25] EN
[54] **TARGET PROTEIN DEGRADATION COMPOUNDS, THEIR ANTI-TUMOR USE, THEIR INTERMEDIATES AND USE OF INTERMEDIATES**
[54] **COMPOSE CIBLANT UNE DEGRADATION PROTEIQUE, UTILISATION ANTITUMORALE, INTERMEDIAIRE DE CELUI-CI ET UTILISATION DE L'INTERMEDIAIRE**
[72] YANG, XIAOBAO, CN
[72] JIANG, BIAO, CN
[72] SUN, RENHONG, CN
[72] REN, CHAOWEI, CN
[72] SUN, NING, CN
[72] KONG, YING, CN
[72] LI, YAN, CN
[72] CHEN, JINJU, CN
[72] YIN, QIANQIAN, CN
[72] SONG, XIAOLING, CN
[72] ZHAO, QUANJU, CN
[72] QIU, XING, CN
[71] SHANGHAITECH UNIVERSITY, CN
[85] 2020-10-02
[86] 2019-04-09 (PCT/CN2019/081840)
[87] (WO2019/196812)
[30] CN (201810312040.8) 2018-04-09

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) C07K 16/30 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **CELL ENGAGING BINDING MOLECULES**
[54] **MOLECULES DE LIAISON IMPLIQUANT DES CELLULES**
[72] JANG, SEIL, KR
[72] PARK, BUM-CHAN, KR
[72] PARK, YOUNG WOO, KR
[71] Y-BIOLOGICS INC., KR
[85] 2020-10-09
[86] 2019-04-09 (PCT/IB2019/052896)
[87] (WO2019/197979)
[30] US (62/655,762) 2018-04-10
[30] US (62/719,484) 2018-08-17
[30] US (16/372,172) 2019-04-01
[30] US (16/372,190) 2019-04-01
[30] US (16/372,196) 2019-04-01

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[51] **Int.Cl. C07K 14/605 (2006.01) C07K 14/575 (2006.01) C07K 19/00 (2006.01) A61K 38/26 (2006.01) A61K 47/26 (2006.01)**
[25] EN
[54] **GLUCAGON LIKE PEPTIDE 1 (GLP-1) FUSION PEPTIDE COUPLED CYCLIC PEPTIDE TYROSINE TYROSINE CONJUGATES AND USES THEREOF**
[54] **CONJUGUES PEPTIDIQUES CYCLIQUES TYROSINE-TYROSINE COUPLES A UN PEPTIDE DE FUSION DU PEPTIDE 1 APPARENTE AU GLUCAGON (GLP-1) ET UTILISATIONS ASSOCIEES**
[72] ZHANG, YUE-MEI, US
[72] CAMACHO, RAUL, US
[72] CASE, MARTIN A., US
[72] CHI, ELLEN, US
[72] EDAVETTAL, SUZANNE, US
[72] EDWARDS, WILSON, US
[72] NORQUAY, LISA, US
[72] WALL, MARK J., US
[72] ZHENG, SONGMAO, US
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2020-10-09
[86] 2019-04-24 (PCT/IB2019/053384)
[87] (WO2019/207505)
[30] US (62/662,313) 2018-04-25
[30] US (PCT/US2018/029284) 2018-04-25

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[13] A1
[51] **Int.Cl. B62D 55/06 (2006.01) G01N 29/265 (2006.01)**
[25] EN
[54] **ENDLESS-TRACK TRAVELING APPARATUS, AND MOVABLE BODY OF GENERATOR INSPECTION ROBOT INCLUDING THE SAME**
[54] **DISPOSITIF DE DEPLACEMENT DE CHENILLE ET CORPS MOBILE POUR ROBOT D'INSPECTION DE GENERATEUR EQUIPE DE CE DERNIER**
[72] KADOTA, NAOYA, JP
[72] YANO, KOTA, JP
[72] MIZUNO, DAISUKE, JP
[72] MORIMOTO, YOSHIHIRO, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2020-10-09
[86] 2018-04-23 (PCT/JP2018/016436)
[87] (WO2019/207623)

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[72] DI MONDO, DOMENIC, CA
[71] GREENMANTRA RECYCLING TECHNOLOGIES LTD., CA
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[54] **OUTIL DE PERCUSSION ET ROTOR EQUIPE DE CELUI-CI DESTINE A UNE MACHINE POUR FRAGMENTER DES OBJETS METALLIQUES OU DES MATERIAUX PIERREUX**
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[72] BUTIKOFER, MICHAEL, CH
[72] MURI, DAVID, CH
[72] MAIER, MARKUS, CH
[71] TEQTONIQ GMBH, CH
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[54] **PROCEDE POUR COMMANDER AU MOINS UN VENTILATEUR CENTRIFUGE DANS UNE MACHINE FRIGORIFIQUE ET VENTILATEUR CENTRIFUGE**
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[72] BUTIKOFER, MICHAEL, CH
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[71] STICHTING SANQUIN BLOEDVOORZIENING, NL
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[71] STORA ENSO OYJ, FI
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[72] JOHNSTON, JAMES HOWARD, NZ
[71] INHIBIT COATINGS LIMITED, NZ
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[72] ARAMOTO, MASAFUMI, XX
[71] SHARP KABUSHIKI KAISHA, JP
[71] FG INNOVATION COMPANY LIMITED, CN
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[72] DERELOV, PETER, SE
[71] VALINGE INNOVATION AB, SE
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[54] **PROCEDE, SYSTEME ET DISPOSITIF DE TRAITEMENT D'EAUX USEES**
[72] AXELSSON, NIKLAS, SE
[72] PALOSAARI, JORMA, SE
[72] LARSSON-HYTTE, OLLE, SE
[72] BARK, JOHAN, SE
[72] CARVALHO, TIAGO, SE
[72] STETLER, GUSTAF, SE
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[54] **PROCEDE ET APPAREIL DE CODAGE/DECODAGE D'UN NUAGE DE POINTS REPRESENTANT UN OBJET 3D**
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[72] OLIVIER, YANNICK, FR
[72] CAI, KANGYING, FR
[71] INTERDIGITAL VC HOLDINGS, INC., US
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[72] MAST, LUKE A., US
[72] PHILIP, BRADLEY S., US
[72] HARRIS, IVAN F., US
[72] GRAYBILL, MYLES, US
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[54] **METHODES D'AMELIORATION DE LA FONCTION CARDIO-VASCULAIRE ET DE TRAITEMENT D'UNE MALADIE CARDIO-VASCULAIRE A L'AIDE D'UNE ECTO-NUCLEOTIDE PYROPHOSPHATASE/PHOSPHODIESTERASE RECOMBINANTE**
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[72] MAROZSAN, ANDRE, US
[72] ASKEW, KIM, US
[71] INOZYME PHARMA, INC., US
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[54] **SOUPAPE D'AUTO-VIDANGE DE SEPARATEUR CARBURANT-EAU MUNIE D'UN ELEMENT DE LIBERATION**
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[72] RODRIGUEZ, JAVIER, US
[72] MORRIS, BRYANT, US
[72] SAVAGE, PATRICK, US
[71] CATERPILLAR INC., US
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[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'EAU ACCELERE PAR OXYDATION**
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[72] MORITANI, KANAKO, JP
[72] MAKISE, RYUTARO, JP
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[72] JIN, RONG, US
[72] DAHLE, JACOB, US
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[72] LOEZOS, PETER, US
[72] LEW, PERRY, US
[72] TOMSULA, BRYAN, US
[72] GROTEN, WILLIBRORD A., US
[72] PODREBARAC, GARY G., US
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[72] BARBER, SIMON ERIC MIANI, US
[72] WANG, FENG, US
[72] PALLAS, DERRICK LYNDON, US
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[72] GRACEFFO, GARY M., US
[72] KOWALEVICZ, ANDREW, US
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[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
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[54] **APPAREIL D'EVALUATION DE LA REACTIVITE DE LA PEAU A UN MATERIAU D'IMPLANT**
[72] DRZALA, MARK R., US
[72] REITER, MITCHELL F., US
[71] DRZALA, MARK R., US
[71] REITER, MITCHELL F., US
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[72] METCALFE, DANIEL BENJAMIN, US
[71] METCALFE, DANIEL BENJAMIN, US
[71] EUBANKS, ROBERT LELAND, US
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[72] PSZENNY, SEAN MATTHEW, US
[72] REGELE, OLIVER BRIAN, US
[71] ELI LILLY AND COMPANY, US
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[72] BERTELSON, DARYN, US
[72] BUSS, SPENCER, US
[72] HEIL, KLAUS, US
[72] LACROSSE, NADINE, US
[72] LINDBLOM, DARRIN, US
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[72] REMOLD-O'DONNELL, EILEEN, US
[72] HOU, LIFEI, US
[71] THE CHILDREN'S MEDICAL CENTER CORPORATION, US
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[54] **METHODS AND COMPOSITIONS FOR SUSTAINED RELEASE MICROPARTICLES FOR OCULAR DRUG DELIVERY**
[54] **PROCEDES ET COMPOSITIONS POUR MICROPARTICULES A LIBERATION PROLONGEE POUR L'ADMINISTRATION DE MEDICAMENT OCULAIRE**
[72] JIANG, PENGFEI, US
[72] REILLY, KATELYN ELIZABETH, US
[72] OHR, MATTHEW, US
[71] OHIO STATE INNOVATION FOUNDATION, US
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[54] **METHODS AND APPARATUSES FOR DRYING ELECTRONIC DEVICES**
[54] **PROCEDES ET APPAREILS DE SECHAGE DE DISPOSITIFS ELECTRONIQUES**
[72] ZIELINSKI, REUBEN, US
[72] TRUSTY, JOEL, US
[72] DOUBERTEEN, DAVID, US
[72] EARLE, MARK, US
[72] ARAIN, IMRAN, US
[72] SHRAKE, JAMES M., US
[71] REVIVE ELECTRONICS, LLC, US
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[54] **A METHOD FOR ENCODING DEPTH VALUES OF A SET OF 3D POINTS ONCE ORTHOGONALLY PROJECTED INTO AT LEAST ONE IMAGE REGION OF A PROJECTION PLANE**
[54] **PROCEDE DE CODAGE DE VALEURS DE PROFONDEUR D'UN ENSEMBLE DE POINTS 3D UNE FOIS PROJETE ORTHOGONALEMENT DANS AU MOINS UNE REGION D'IMAGE D'UN PLAN DE PROJECTION**
[72] RICARD, JULIEN, FR
[72] GUEDE, CELINE, FR
[72] OLIVIER, YANNICK, FR
[72] LLACH PINSACH, JOAN, FR
[71] INTERDIGITAL VC HOLDINGS, INC., US
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[54] **HANDHELD NON-LETHAL DAZZLING SYSTEM**
[54] **SYSTEME D'EBLOUISSEMENT NON LETAL PORTATIF**
[72] POPLAWSKI, DANIEL, US
[71] POPLAWSKI, DANIEL, US
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[54] **HEMP EXTRACT FOR TREATMENT OF PAIN IN ANIMALS**
[54] **EXTRAIT DE CHANVRE POUR LE TRAITEMENT DE LA DOULEUR CHEZ LES ANIMAUX**
[72] HOWLAND, AMANDA, US
[72] KJAER, CHRISTIAN, US
[72] WILLIAMS, MICHAEL, US
[71] ELLEVET SCIENCES, US
[71] HOWLAND, AMANDA, US
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[54] **PROCESSES FOR IMPROVING HIGH ASPECT RATIO CELLULOSE FILAMENT BLENDS**
[54] **PROCEDES D'AMELIORATION DE MELANGES DE FILAMENTS DE CELLULOSE A FACTEUR DE FORME ELEVE**
[72] ZIEGENBEIN, TOBIAS, CA
[71] MERCER INTERNATIONAL, INC., CA
[85] 2020-10-09
[86] 2019-04-12 (PCT/US2019/027372)
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[54] **DOSING REGIMENS FOR TARGETED TGF-B INHIBITION FOR USE IN TREATING CANCER IN TREATMENT NAIVE SUBJECTS**
[54] **REGIMES POSOLOGIQUES POUR L'INHIBITION CIBLEE DE TGF-S DESTINEE A ETRE UTILISEE DANS LE TRAITEMENT DU CANCER CHEZ DES SUJETS VIERGES DE TOUT TRAITEMENT**
[72] OJALVO, LAUREEN, US
[72] EL BAWAB, SAMER, DE
[72] DUSSAULT, ISABELLE, US
[72] VUGMEYSTER, YULIA, US
[72] KHANDELWAL, AKASH, DE
[72] CHRISTENSEN, OLAF, US
[71] MERCK PATENT GMBH, DE
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[54] **COMPUTERIZED ASSISTANCE USING ARTIFICIAL INTELLIGENCE KNOWLEDGE BASE**
[54] **ASSISTANCE INFORMATISEE A L'AIDE D'UNE BASE DE CONNAISSANCES D'INTELLIGENCE ARTIFICIELLE**
[72] VANGALA, VIPINDEEP, US
[72] SRINIVASAN, SUNDARARAJAN, US
[72] GUNDA, RAJESH, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[86] 2019-03-27 (PCT/US2019/024166)
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[54] **COGNITION AND MEMORY ENHANCEMENT VIA MULTIPLE ODORANT STIMULATION**
[54] **AMELIORATION DE LA COGNITION ET DE LA MEMOIRE PAR L'INTERMEDIAIRE D'UNE STIMULATION ODORANTE MULTIPLE**
[72] LEON, MICHAEL, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2020-10-09
[86] 2019-04-12 (PCT/US2019/027298)
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[54] **STRETCHABLE PLUNGER ASSEMBLIES**
[54] **ENSEMBLES PISTONS ETIRABLES**
[72] LILLY, BRIAN RUSSELL, US
[72] MILLER, TIMOTHY M., US
[72] NARAYANAPPA, SHANKARA, US
[71] SIO2 MEDICAL PRODUCTS, INC., US
[85] 2020-10-09
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[54] **COOLING TOWER WATER DIVERSION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DEVIATION D'EAU DE TOUR DE REFROIDISSEMENT**
[72] MASSERANT, KEITH, US
[71] MID-AMERICAN GUNITE, INC. DBA MID-AMERICAN GROUP, US
[85] 2020-10-09
[86] 2019-05-22 (PCT/US2019/033553)
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[54] **VESICULES DE MEMBRANE EXTERNE DU COMPLEXE BURKHOLDERIA PSEUDOMALLEI UTILES EN TANT QU'ADJUVANTS**
[72] MORICI, LISA A., US
[72] MCLACHLAN, JAMES B., US
[72] DAVITT, CHRISTOPHER JH, US
[72] KURTZ, JONATHAN R., US
[71] THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND, US
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[25] EN
[54] **AQUEOUS HYPOHALOUS ACID PREPARATIONS FOR THE INACTIVATION OF RESISTANT INFECTIOUS AGENTS**
[54] **PREPARATIONS AQUEUSES D'ACIDE HYPOHALEUX POUR L'INACTIVATION D'AGENTS INFECTIEUX RESISTANTS**
[72] TERRY, DANIEL JAMES, US
[72] WILLIAMS, JEFFREY FRANCIS, US
[71] BRIOTECH, INC., US
[85] 2020-10-09
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[25] EN
[54] **VAPORIZABLE SUBSTANCE STORAGE DEVICE**
[54] **DISPOSITIF DE STOCKAGE DE SUBSTANCE VAPORISABLE**
[72] LINDARS, MICHAEL, US
[72] NIEMEYER, ROBERT, US
[71] ICONIC VENTURES, INC., US
[85] 2020-10-09
[86] 2019-04-10 (PCT/US2019/026857)
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[30] US (15/950,083) 2018-04-10
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[54] **ANTI-BOUNCE PRINT DECK FOR FLEXOGRAPHIC PRINTING PRESS**
[54] **PLATEAU D'IMPRESSION ANTI-REBOND POUR UNE MACHINE D'IMPRESSION FLEXOGRAPHIQUE**
[72] ZEMAN, DALE E., US
[72] KOPLIEN, JORDAN W., US
[72] KAYE, JAMES J., US
[72] HEYRMAN, RANDALL L., US
[71] PAPER CONVERTING MACHINE COMPANY, US
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[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE STIMULATION MUSCULAIRE THERAPEUTIQUE**
[72] SACHS, DAN, US
[72] SOYKAN, ORHAN, US
[71] SACHS, DAN, US
[71] SOYKAN, ORHAN, US
[85] 2020-06-17
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[51] **Int.Cl. A62B 35/00 (2006.01) A44B 11/00 (2006.01) A44B 11/25 (2006.01)**
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[54] **HARNESS CONNECTION ARRANGEMENT**
[54] **AGENCEMENT DE CONNEXION DE HARNAIS**
[72] HETRICH, MITCHELL H., US
[71] MSA TECHNOLOGY, LLC, US
[85] 2020-10-09
[86] 2019-04-11 (PCT/US2019/026915)
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[51] **Int.Cl. B01L 3/00 (2006.01)**
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[54] **CONTROL OF EVAPORATION IN DIGITAL MICROFLUIDICS**
[54] **CONTROLE DE L'EVAPORATION DANS LA MICROFLUIDIQUE NUMERIQUE**
[72] JEBRAIL, MAIS JEHAN, US
[72] CHAULEAU, MATHIEU GABRIEL-EMMANUEL, US
[72] KUMAR, POORNASREE, US
[72] CERVANTES, EDUARDO, US
[72] CHRISTODOULOU, FOTEINI, US
[72] SERGEEV, NIKOLAY, US
[72] SEILER, SPENCER TODD, US
[72] DOMEYKO, ALEJANDRO TOCIGL, US
[72] CARVAJAL, ANA EUGENIA, US
[71] MIROCULUS INC., US
[85] 2020-10-09
[86] 2019-05-23 (PCT/US2019/033794)
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[54] **METHOD**
[54] **PROCEDE**
[72] GRAHAM, JAMES EDWARD, GB
[72] RAIMONDEAU, ETIENNE, GB
[72] BOWEN, REBECCA VICTORIA, GB
[71] OXFORD NANOPORE TECHNOLOGIES LIMITED, GB
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[54] **AUTONOMOUS VEHICLE CONTROL USING SERVICE POOLS ACROSS DIFFERENT SERVICE ENTITIES**
[54] **COMMANDE DE VEHICULE AUTONOME A L'AIDE DE GROUPES DE SERVICES A TRAVERS DIFFERENTES ENTITES DE SERVICE**
[72] GOLDMAN, BRENT, US
[72] HAGESTAD, LEIGH GRAY, US
[72] WAY, MATTHEW JAMES, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2020-10-09
[86] 2019-04-11 (PCT/US2019/026918)
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[54] **FLAME RETARDANT POLYMERS AND METHODS OF MAKING**
[54] **POLYMERES IGNIFUGES ET LEURS PROCEDES DE FABRICATION**
[72] BROOKINS, ROBERT N., US
[72] BUTTERFIELD, BENJAMIN R., US
[72] LEITNER, NICHOLAS H., US
[71] ALEXIUM, INC., US
[85] 2020-10-09
[86] 2019-04-12 (PCT/US2019/027349)
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[54] **SYSTEMS AND METHODS FOR IMPROVED BREEDING BY MODULATING RECOMBINATION RATES**
[54] **SYSTEMES ET PROCEDES DE SELECTION AMELIOREE PAR MODULATION DE TAUX DE RECOMBINAISON**
[72] BAUMGARTEN, ANDREW, US
[72] LI, JIN, US
[72] MAY, GREGORY D., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2020-10-09
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[87] (WO2019/226984)
[30] US (62/676,564) 2018-05-25
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[51] **Int.Cl. F04D 29/38 (2006.01) F04D 25/08 (2006.01) F04D 29/02 (2006.01) F04D 29/32 (2006.01) F04D 29/34 (2006.01) F04D 29/54 (2006.01)**
[25] EN
[54] **IMPELLER FOR AMBIENT WATER EVAPORATORS, AND RELATED SYSTEM AND METHOD**
[54] **ROUE POUR EVAPORATEURS D'EAU AMBIANTE ET SYSTEME ET PROCEDE ASSOCIES**
[72] MACDONALD, WILLIAM, US
[72] BALLANTYNE, ROBERT, US
[71] RESOURCE WEST, INC., US
[85] 2020-10-09
[86] 2019-04-12 (PCT/US2019/027384)
[87] (WO2019/200356)
[30] US (62/656,856) 2018-04-12
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[25] EN
[54] **METHOD, APPARATUS AND COMPOSITION FOR SEALING OF SURFACES**
[54] **PROCEDE, APPAREIL ET COMPOSITION POUR ETANCHEIFIER DES SURFACES**
[72] VAN DYK, DEON, AU
[72] GROBLER, NICO, AU
[71] RELBORGN PTY LTD, AU
[71] TRIOMVIRI PTY LTD, AU
[85] 2020-10-13
[86] 2019-04-30 (PCT/AU2019/050390)
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[51] **Int.Cl. E21B 41/00 (2006.01) E21B 43/26 (2006.01)**
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[54] **SYSTEMES ET PROCEDES DE FRACTURE DE PUITS**
[72] UNGCHUSRI, TEP, US
[72] ESPINASSE, PHILIPPE, US
[72] STREIFF, JEAN-LUC, US
[72] BERNARD, GARY, US
[72] SWAGERTY, BRIAN, US
[72] RONGAU, JOHANN, US
[72] DUTT, SUNIL, US
[72] FINK, DAN, US
[72] TAYLOR, JUSTIN, US
[72] COOK, JAMES, US
[71] FMC TECHNOLOGIES, INC., US
[85] 2020-10-09
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[25] EN
[54] **FR COMPOSITIONS WITH ADDITIVES FOR DRIP**
[54] **COMPOSITIONS FR AVEC ADDITIFS ANTI-EGOUTTEMENT**
[72] KASOWSKI, ROBERT VALENTINE, US
[71] KASOWSKI, ROBERT VALENTINE, US
[85] 2020-10-09
[86] 2019-05-25 (PCT/US2019/034077)
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[30] US (62/677,145) 2018-05-28
[30] US (62/695,163) 2018-07-08
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[51] **Int.Cl. F16H 63/34 (2006.01)**
[25] EN
[54] **PARK LOCK ROD ASSEMBLY**
[54] **ENSEMBLE TIGE DE VERROUILLAGE DE STATIONNEMENT**
[72] WILLIAMS, CAMERON P., US
[72] ZIEMBA, JEFFEREY, US
[71] LINAMAR CORPORATION, CA
[85] 2020-10-09
[86] 2019-04-11 (PCT/US2019/026991)
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[30] US (62/656,319) 2018-04-11

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 8/49 (2006.01) A61K 31/404 (2006.01) A61P 17/00 (2006.01) A61Q 19/02 (2006.01) C07D 209/12 (2006.01)**
[25] EN
[54] **PHOTOPROTECTIVE COMPOSITIONS CONTAINING MALASSEZIA-DERIVED COMPOUNDS AND/OR CHEMICAL ANALOGS THEREOF**
[54] **COMPOSITIONS PHOTOPROTECTRICES CONTENANT DES COMPOSES DERIVES DE MALASSEZIA ET/OU DES ANALOGUES CHIMIQUES DE CEUX-CI**
[72] EINZIGER, MICHAEL, US
[72] SIMPSON, ANN MARIE, US
[71] EINZIGER, MICHAEL, US
[71] SIMPSON, ANN MARIE, US
[85] 2020-10-09
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[30] US (62/656,769) 2018-04-12
[30] US (62/668,007) 2018-05-07
[30] US (62/685,800) 2018-06-15
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[30] US (62/722,412) 2018-08-24
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[51] **Int.Cl. F04D 25/08 (2006.01) F04D 29/02 (2006.01) F04D 29/52 (2006.01) F04D 29/54 (2006.01) F04D 29/64 (2006.01)**
[25] EN
[54] **EVAPORATOR FOR AMBIENT WATER BODIES, AND RELATED SYSTEM AND METHOD**
[54] **EVAPORATEUR POUR MASSES D'EAU AMBIANTES ET SYSTEME ET PROCEDE ASSOCIES**
[72] BALLANTYNE, ROBERT, US
[72] MACDONALD, WILLIAM, US
[71] RESOURCE WEST, INC., US
[85] 2020-10-09
[86] 2019-04-12 (PCT/US2019/027389)
[87] (WO2019/200360)
[30] US (62/656,856) 2018-04-12
[30] US (62/656,887) 2018-04-12
[30] US (62/656,906) 2018-04-12

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[51] **Int.Cl. B23K 11/30 (2006.01) G06K 7/00 (2006.01) H01Q 1/00 (2006.01)**
[25] EN
[54] **ARRANGEMENT FOR MONITORING TOOLS WHEN MACHINING ROTATIONALLY SYMMETRIC WORKPIECES**
[54] **AGENCEMENT DE CONTROLE D'OUTILS LORS DU TRAITEMENT DE PIECES A USINER SYMETRIQUES PAR ROTATION**
[72] SONNTAG, FRANK, DE
[71] BRAUER SYSTEMTECHNIK GMBH, DE
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[54] **CELL AGGREGATE, MIXTURE OF CELL AGGREGATES, AND METHOD FOR PREPARING SAME**
[54] **AGREGAT CELLULAIRE, MELANGE D'AGREGATS CELLULAIRES ET SA METHODE DE PREPARATION**
[72] YOSHIDA, KENJI, JP
[72] YOSHIKAWA, MANABU, JP
[72] SEKIYA, SAYAKA, JP
[71] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
[85] 2020-08-17
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[54] **DETECTION OF PHOSPHOKINASE SIGNATURES**
[54] **DETECTION DE SIGNATURES DE PHOSPHOKINASE**
[72] COPPE, JEAN-PHILIPPE, US
[72] VAN 'T VEER, LAURA J., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2020-10-09
[86] 2019-04-12 (PCT/US2019/027201)
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[25] EN
[54] **METHOD AND SYSTEM FOR IMPROVING SOFTWARE CONTAINER PERFORMANCE AND ISOLATION**
[54] **PROCEDE ET SYSTEME POUR AMELIORER LA PERFORMANCE ET L'ISOLATION DE CONTENEURS DE LOGICIELS**
[72] SHEN, ZHIMING, US
[72] VAN RENESSE, ROBBERT, US
[72] WEATHERSPOON, HAKIM, US
[71] CORNELL UNIVERSITY, US
[85] 2020-10-09
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[25] EN
[54] **EVAPORATOR FOR AMBIENT WATER BODIES, AND RELATED SYSTEM AND METHOD**
[54] **EVAPORATEUR POUR MASSES D'EAU AMBIANTE, ET SYSTEME ET PROCEDE ASSOCIES**
[72] BALLANTYNE, ROBERT, US
[72] MACDONALD, WILLIAM, US
[71] RESOURCE WEST, INC., US
[85] 2020-10-09
[86] 2019-04-12 (PCT/US2019/027391)
[87] (WO2019/200361)
[30] US (62/656,906) 2018-04-12
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[54] **DIFFRACTIVE OPTICS FOR EMR-BASED TISSUE TREATMENT**
[54] **OPTIQUE DIFFRACTIF POUR TRAITEMENT DE TISSU A BASE D'EMR**
[72] DRESSER, CHARLES HOLLAND, US
[72] BHAWALKAR, JAYANT, US
[72] KATKAM, RAJENDER, US
[71] AVAVA, INC., US
[85] 2020-10-09
[86] 2019-04-11 (PCT/US2019/027007)
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[54] **ROTARY HANDLE STENT DELIVERY SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE POSE D'ENDOPROTHESE A POIGNEE ROTATIVE**
[72] LONGO, MICHAEL A., US
[72] O'NEIL, TIMOTHY W., US
[72] TUREK, CHRISTOPHER JOHN, US
[71] VESPER MEDICAL, INC., US
[85] 2020-10-09
[86] 2019-05-29 (PCT/US2019/034371)
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[54] **AUDIO ENHANCED HEARING PROTECTION SYSTEM**
[54] **SYSTEME DE PROTECTION DE L'OUIE AMELIORE PAR L'AUDIO**
[72] COPT, RYAN J., US
[72] BUTERA, III, JOSEPH G., US
[72] SUMMERS, III, ROBERT J., US
[72] HARPSTER, MARK, US
[71] BONGIOVI ACOUSTICS LLC, US
[85] 2020-10-09
[86] 2019-04-11 (PCT/US2019/027016)
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[54] **SYSTEMS AND METHODS FOR DISPENSING CONSUMABLE PRODUCTS WITH VOICE INTERFACE**
[54] **SYSTEMES ET PROCEDES DE DISTRIBUTION DE PRODUITS CONSOMMABLES AVEC INTERFACE VOCALE**
[72] CRAWFORD, ROBERT, US
[71] PEPSICO, INC., US
[85] 2020-10-09
[86] 2019-04-15 (PCT/US2019/027489)
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[30] US (15/963,862) 2018-04-26

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[54] **UNIVERSAL LACTIC ACID BACTERIA QUANTIFICATION KITS, METHODS, COMPOSITIONS AND APPARATUSES THEREFOR**
[54] **KITS, PROCEDES, COMPOSITIONS ET APPAREILS DE QUANTIFICATION UNIVERSELLE DE BACTERIES D'ACIDE LACTIQUE**
[72] PICHE, LISA MARIE, US
[72] O'NEIL, MEGAN FRANCES, US
[71] NATIONAL AGRICULTURAL GENOTYPING CENTER, US
[85] 2020-10-09
[86] 2019-04-11 (PCT/US2019/027034)
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[54] **VIEWING OPTIC WITH WIND DIRECTION CAPTURE AND METHOD OF USING THE SAME**
[54] **OPTIQUE DE VISUALISATION DOTEE D'UNE CAPTURE DE LA DIRECTION DU VENT ET SON PROCEDE D'UTILISATION**
[72] CAMPBELL, RICHARD, US
[72] HAMILTON, DAVID M., US
[72] PARKS, SCOTT, US
[72] NEESS, PAUL, US
[71] SHELTERED WINGS, INC. D/B/A VORTEX OPTICS, US
[85] 2020-10-09
[86] 2019-04-15 (PCT/US2019/027535)
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[54] **COMPOSITE MATERIAL PALLET ASSEMBLY FORMED FROM RECYCLED MATERIAL**
[54] **ENSEMBLE PALETTE EN MATERIAU COMPOSITE FORME A PARTIR DE MATERIAU RECYCLE**
[72] GOWDAR, PRAKASH, CA
[71] REGEN-COMPOSITES INTERNATIONAL CORP., CA
[85] 2020-10-12
[86] 2019-04-11 (PCT/CA2019/050442)
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[54] **TISSUE GRAFTS WITH PRE-MADE ATTACHMENT POINTS**
[54] **GREFFONS TISSULAIRES AVEC POINTS DE FIXATION PRE-ETABLIS**
[72] DEISTER, CURT ANDREW, US
[72] TINNEMEYER, JONATHAN ANDREW, US
[72] GRAYAM, KIRK MICHAEL, US
[71] AXOGEN CORPORATION, US
[85] 2020-10-09
[86] 2019-04-11 (PCT/US2019/027046)
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[25] EN
[54] **PROCESS MONITORING AND CONTROL OF FILTRATION BY MEANS OF FILTRATE MEASUREMENTS**
[54] **SURVEILLANCE DE PROCESSUS ET CONTROLE D'UNE FILTRATION PAR MESURES DE FILTRAT**
[72] ENGELHARDT, KATHRIN ANNETTE, DE
[72] GROSS, REINHARD, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2020-10-13
[86] 2019-04-09 (PCT/EP2019/058886)
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[54] **WICKS FOR CANDLES AND OTHER LIGHTING DEVICES**
[54] **MECHES POUR BOUGIES ET AUTRES DISPOSITIFS D'ECLAIRAGE**
[72] DECKER, DAYNA M., US
[71] LUMETIQUE, INC., US
[85] 2020-10-09
[86] 2019-04-16 (PCT/US2019/027651)
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[54] **SYSTEM AND METHOD FOR NOMOGRAM-BASED REFRACTIVE LASER SURGERY**
[54] **SYSTEME ET METHODE DE CHIRURGIE REFRACTIVE AU LASER BASEE SUR UN NOMOGRAMME**
[72] RIEDEL, PETER, DE
[72] AGETHEN, JOHANNES, DE
[71] ALCON INC., CH
[85] 2020-10-05
[86] 2019-05-30 (PCT/IB2019/054488)
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[54] **METAL CHILD RESISTANT CONTAINER**
[54] **CONTENANT METALLIQUE A SECURITE POUR ENFANT**
[72] KARLL, NICHOLAS, US
[71] KARLL, NICHOLAS, US
[85] 2020-10-12
[86] 2019-04-11 (PCT/US2019/027049)
[87] (WO2019/200147)
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[25] EN
[54] **GABAA POSITIVE ALLOSTERIC MODULATOR COMPOUNDS, METHODS OF MAKING, AND USES THEREOF**
[54] **COMPOSES MODULATEURS ALLOSTERIQUES POSITIFS A GABAA, PROCEDES DE PRODUCTION ET D'UTILISATIONS ASSOCIES**
[72] TOCZKO, MATTHEW, US
[72] HUBBS, JED, US
[71] NEUROCYCLE THERAPEUTICS, INC., US
[85] 2020-10-09
[86] 2019-04-17 (PCT/US2019/027880)
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[54] **HYDRATION OF GAS STREAMS**
[54] **HYDRATATION DE FLUX DE GAZ**
[72] HEIDEL, KENTON ROBERT, CA
[72] RITCHIE, JANE ANNE, CA
[72] ST. ANGELO, DAVID, CA
[71] CARBON ENGINEERING LTD., CA
[85] 2020-10-12
[86] 2019-04-16 (PCT/US2019/027698)
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[54] **PHYSIOLOGICAL MONITORING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE SURVEILLANCE PHYSIOLOGIQUE**
[72] ACOSTA PALACIOS, OSCAR JAVIER, CA
[71] 9681345 CANADA INC., CA
[85] 2020-10-13
[86] 2019-04-15 (PCT/CA2019/050459)
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[25] EN
[54] **SYSTEMS AND METHODS FOR CRYOSTORAGE BAG PROTECTION**
[54] **SYSTEME ET METHODES POUR PROTEGER DES SACHETS DE CRYOCONSERVATION**
[72] SCHYVER, BRIAN, US
[71] BIOLIFE SOLUTIONS, INC., US
[85] 2020-10-09
[86] 2019-04-11 (PCT/US2019/027047)
[87] (WO2019/200145)
[30] US (62/655,895) 2018-04-11

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[25] EN
[54] **BICYCLIC CARBOXAMIDES AND METHODS OF USE THEREOF**
[54] **CARBOXAMIDES BICYCLIQUES ET LEURS PROCEDES D'UTILISATION**
[72] BRAVO, YALDA, US
[72] CHEN, AUSTIN CHIH-YU, US
[72] DING, JINYUE, US
[72] GOMEZ, ROBERT, US
[72] LAM, HEATHER, US
[72] NAGAMIZO, JOE FRED, US
[72] OBALLA, RENATA MARCELLA, US
[72] POWELL, DAVID ANDREW, US
[72] SHENG, TAO, US
[71] TEMPEST THERAPEUTICS, INC., US
[85] 2020-10-09
[86] 2019-04-17 (PCT/US2019/027992)
[87] (WO2019/204523)
[30] US (62/659,068) 2018-04-17
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[51] **Int.Cl. C08L 51/08 (2006.01) C08J 3/075 (2006.01) C08J 3/24 (2006.01) C08J 9/00 (2006.01) C08K 5/07 (2006.01) C08L 1/02 (2006.01) C08L 5/00 (2006.01) C08L 33/12 (2006.01) C08L 33/26 (2006.01) C08L 71/02 (2006.01) C08L 89/06 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **CELL ENCAPSULATION COMPOSITIONS AND METHODS FOR IMMUNOCYTOCHEMISTRY**
[54] **COMPOSITIONS D'ENCAPSULATION CELLULAIRE ET PROCEDES D'IMMUNOCYTOCHIMIE**
[72] MA, HONGSHEN, CA
[72] LEE, JEONG-HYUN, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2020-10-13
[86] 2019-05-03 (PCT/CA2019/050593)
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[30] US (62/666,371) 2018-05-03

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[51] **Int.Cl. G06N 10/00 (2019.01) B82Y 10/00 (2011.01)**
[25] EN
[54] **FAULT TOLERANT CHARGE PARITY QUBIT**
[54] **BIT QUANTIQUE DE PARITE DE CHARGE INSENSIBLE AUX DEFAILLANCES**
[72] IOFFE, LEV, US
[72] FAORO, LARA, US
[72] MCDERMOTT, ROBERT FRANCIS, US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[85] 2020-10-09
[86] 2019-04-19 (PCT/US2019/028230)
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[30] US (62/660,587) 2018-04-20
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[51] **Int.Cl. A01H 5/10 (2018.01) C12N 15/82 (2006.01)**
[25] EN
[54] **A METHOD FOR USING PLANT HETEROSIS**
[54] **PROCEDE POUR UTILISER L'HETEROSIS DES PLANTES**
[72] WANG, KEJIAN, CN
[72] WANG, CHUN, CN
[71] CHINA NATIONAL RICE RESEARCH INSTITUTE, CN
[85] 2020-10-13
[86] 2019-03-06 (PCT/CN2019/077154)
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[30] CN (201810325528.4) 2018-04-12
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[51] **Int.Cl. C12N 9/26 (2006.01)**
[25] EN
[54] **POLYPEPTIDES HAVING ALPHA-AMYLASE ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME**
[54] **POLYPEPTIDES AYANT UNE ACTIVITE ALPHA-AMYLASE ET POLYNUCLEOTIDES CODANT POUR CEUX-CI**
[72] NAMOTO, TOMOKO, JP
[72] NAKANISHI, TAKASHI, JP
[72] FUKUYAMA, SHIRO, JP
[72] TSUTSUMI, NORIKO, JP
[72] AYABE, KEIICHI, JP
[71] NOVOZYMES A/S, DK
[85] 2020-10-08
[86] 2019-04-08 (PCT/EP2019/058771)
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[30] EP (18166236.2) 2018-04-09

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[51] **Int.Cl. A61K 39/12 (2006.01) C07K 14/18 (2006.01) C07K 16/10 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING YELLOW FEVER**
[54] **METHODES ET COMPOSITIONS POUR TRAITER DE LA FIEVRE JAUNE**
[72] BUDIGI, YADUNANDA, KUMAR, SG
[72] LEE, DESBBIE CHING PING, SG
[72] CHIONH, YOK HIAN, SG
[72] MCBEE, MEGAN EARLEY, SG
[71] TYCHAN PTE. LTD., SG
[85] 2020-10-09
[86] 2019-04-11 (PCT/US2019/027074)
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[25] EN
[54] **TRANSITION ANALYSIS METHOD FOR CHROMATOGRAPHY COLUMN QUALIFICATION**
[54] **PROCEDE D'ANALYSE DE TRANSITION POUR QUALIFICATION DE COLONNE CHROMATOGRAPHIQUE**
[72] RANDOLPH, PAUL, US
[71] JANSSEN BIOTECH, INC., US
[85] 2020-10-09
[86] 2019-04-19 (PCT/US2019/028349)
[87] (WO2019/204747)
[30] US (62/660,340) 2018-04-20

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[51] **Int.Cl. A01K 29/00 (2006.01)**
[25] EN
[54] **PET BED**
[54] **LIT POUR ANIMAL DOMESTIQUE**
[72] ANGEVINE, FAYE, TW
[71] ANGEVINE, FAYE, TW
[85] 2020-10-09
[86] 2019-04-11 (PCT/US2019/027088)
[87] (WO2019/200170)
[30] US (62/656,618) 2018-04-12

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[51] **Int.Cl. C07D 277/26 (2006.01) A61K 31/426 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **(S)-ENANTIOMERIC FORM OF A HETEROCYCLIC COMPOUND HAVING MOTIVATION IMPROVING AND/OR REFERENCE MEMORY ENHANCING ACTIVITY**
[54] **FORME (S)-ENANTIOMERE D'UN COMPOSE HETEROCYCLIQUE AYANT UNE ACTIVITE D'AMELIORATION DE LA MOTIVATION ET/OU D'AMELIORATION DE LA MEMOIRE DE REFERENCE**
[72] LUBEC, GERT, AT
[71] RED BULL GMBH, AT
[85] 2020-10-13
[86] 2019-04-12 (PCT/EP2019/059562)
[87] (WO2019/197670)
[30] EP (18167065.4) 2018-04-12

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[25] EN
[54] **ANTI-INFLAMMATORY COMPOUND AND PREPARATION AND USE THEREOF**
[54] **COMPOSE ANTI-INFLAMMATOIRE ET PREPARATION ET UTILISATION ASSOCIEES**
[72] SHEN, WANG, CN
[72] LIU, PENGFEI, CN
[72] ZHU, JINPING, CN
[72] LUO, QIUPING, CN
[72] KE, PINGBO, CN
[72] LIU, YUFEI, CN
[72] SHEN, JIDA, CN
[71] VIVAVISION BIOTECH, INC., CN
[85] 2020-10-13
[86] 2019-03-21 (PCT/CN2019/078964)
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[30] CN (201810386572.6) 2018-04-26

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[25] EN
[54] **VESICLE DEDUSTING AGENTS FOR JOINT COMPOUNDS**
[54] **AGENTS DE DEPOUSSIERAGE VESICULAIRES POUR COMPOSES A JOINT**
[72] DONOVAN, ALEXANDER J., US
[72] IMMORDINO, SALVATORE C., US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2020-10-09
[86] 2019-04-23 (PCT/US2019/028626)
[87] (WO2019/209772)
[30] US (62/661,264) 2018-04-23
[30] US (16/365,966) 2019-03-27

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[13] A1
[51] **Int.Cl. B21J 1/06 (2006.01) B21J 17/00 (2006.01)**
[25] EN
[54] **CONDUCTION PRE-HEATING OF SHEET FOR HOT FORMING**
[54] **PRECHAUFFAGE PAR CONDUCTION DE FEUILLE POUR FORMAGE A CHAUD**
[72] SHI, CANGJI, CA
[72] YAU, CYRUS, CA
[72] ADAM, NICK, CA
[72] DENIJS, ERIC, CA
[72] CHAREST, PASCAL P., CA
[71] MAGNA INTERNATIONAL INC., CA
[85] 2020-10-13
[86] 2019-05-10 (PCT/CA2019/050627)
[87] (WO2019/213774)
[30] US (62/670,103) 2018-05-11

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[13] A1
[51] **Int.Cl. C12N 1/00 (2006.01) C12N 1/20 (2006.01) C12N 3/00 (2006.01)**
[25] EN
[54] **COMPOSITION FOR OBTAINING PROTEIN-RICH NUTRIENT SUPPLEMENTS FROM BACTERIAL FERMENTATION PROCESS**
[54] **COMPOSITION PERMETTANT D'OBTENIR DES COMPLEMENTS NUTRITIFS RICHES EN PROTEINES A PARTIR D'UN PROCESSUS DE FERMENTATION BACTERIENNE**
[72] SENARATNE, RYAN H., US
[72] FRUCHTL, MCKINZIE S., US
[72] PRICE, ABEL, US
[71] JUPENG BIO, INC., US
[85] 2020-10-08
[86] 2019-05-21 (PCT/US2019/033402)
[87] (WO2019/226704)
[30] US (62/674,604) 2018-05-21
[30] US (16/416,136) 2019-05-17

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[13] A1
[51] **Int.Cl. C07K 14/47 (2006.01) A61K 39/00 (2006.01) C07K 14/005 (2006.01) C07K 14/19 (2006.01)**
[25] EN
[54] **HEAT SHOCK PROTEIN-BINDING PEPTIDE COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS PEPTIDIQUES DE LIAISON A UNE PROTEINE DE CHOC THERMIQUE (HSP) ET LEURS METHODES D'UTILISATION**
[72] FINDEIS, MARK ARTHUR, US
[72] MORIN, BENJAMIN MAXIME, US
[72] JOSHI, BISHNU, US
[71] AGENUS INC., US
[85] 2020-10-09
[86] 2019-04-25 (PCT/US2019/029112)
[87] (WO2019/210055)
[30] US (62/663,083) 2018-04-26
[30] US (62/692,009) 2018-06-29

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[13] A1
[51] **Int.Cl. H04W 80/00 (2009.01)**
[25] EN
[54] **ENHANCEMENT OF MEDIUM ACCESS CONTROL SUBHEADERS**
[54] **AMELIORATION DE SOUS-EN-TETES DE COMMANDE D'ACCES AU SUPPORT**
[72] TURTINEN, SAMULI, FI
[72] WU, CHUNLI, CN
[72] SEBIRE, BENOIST, JP
[72] LI, ZEXIAN, FI
[71] NOKIA TECHNOLOGIES OY, FI
[85] 2020-10-13
[86] 2018-05-04 (PCT/CN2018/085596)
[87] (WO2019/196150)
[30] CN (PCT/CN2018/083124) 2018-04-13

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[13] A1
[51] **Int.Cl. A01K 77/00 (2006.01) A01K 74/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE HAND NET DEVICE AND HANDLE**
[54] **DISPOSITIF DE FILET A MAIN REGLABLE ET POIGNEE**
[72] KLECKNER, RYAN J., US
[72] MAKOS, TIMOTHY S., US
[72] BENOIT, KAITLYN, US
[72] DAIGLER, MEEGAN, US
[72] KWIATKOWSKI, NEIL, US
[72] ONDREY, RONALD, US
[72] PARADISE, CHARLIE, US
[71] PLANO MOLDING COMPANY, US
[85] 2020-10-09
[86] 2019-04-29 (PCT/US2019/029627)
[87] (WO2019/212962)
[30] US (62/665,960) 2018-05-02

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[13] A1
[51] **Int.Cl. A41C 3/00 (2006.01)**
[25] EN
[54] **WOMEN'S LINGERIE THAT VISUALLY REDUCES THE SIZE OF THE BUSTS**
[54] **LINGERIE FEMININE REDUISANT LES SEINS EN EFFET VISUEL**
[72] CHENG, PIK HO LIZA, CN
[71] EMBRY (CHINA) GARMENTS LTD., CN
[85] 2020-10-13
[86] 2018-09-05 (PCT/CN2018/104066)
[87] (WO2019/232947)
[30] CN (201810566060.8) 2018-06-04

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[13] A1
[51] **Int.Cl. A01K 77/00 (2006.01) A01K 73/00 (2006.01)**
[25] EN
[54] **FISHING NET**
[54] **FILET DE PECHE**
[72] DAIGLER, MEEGAN, US
[72] BENOIT, KAITLYN, US
[72] KWIATKOWSKI, NEIL, US
[72] PARADISE, CHARLES, US
[71] PLANO MOLDING COMPANY, US
[85] 2020-10-09
[86] 2019-05-01 (PCT/US2019/030192)
[87] (WO2019/213252)
[30] US (62/665,915) 2018-05-02

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[13] A1
[51] **Int.Cl. A01K 75/00 (2006.01) G01G 19/60 (2006.01)**
[25] EN
[54] **HAND NET YOKE**
[54] **FOURCHE D'EPUISETTE**
[72] MAKOS, TIMOTHY S., US
[72] KWIATKOWSKI, NEIL, US
[72] BENOIT, KAITLYN, US
[72] DAIGLER, MEEGAN, US
[72] PARADISE, CHARLES, US
[71] PLANO MOLDING COMPANY, US
[85] 2020-10-09
[86] 2019-05-01 (PCT/US2019/030205)
[87] (WO2019/213261)
[30] US (62/665,939) 2018-05-02

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[13] A1
[51] **Int.Cl. G06F 9/50 (2006.01) G06F 15/16 (2006.01)**
[25] EN
[54] **MANAGING SHARED RESOURCES IN A DISTRIBUTED COMPUTING SYSTEM**
[54] **GESTION DE RESSOURCES PARTAGEES DANS UN SYSTEME INFORMATIQUE DISTRIBUE**
[72] MOORE, ZACHARY CHRISTIAN, US
[72] GILBERT, RYAN MICHAEL, US
[72] HOSSAIN, AHANUF TAHAMID, US
[72] SEYMOUR, THOMAS FOSS, US
[71] OSISOFT, LLC, US
[85] 2020-10-09
[86] 2018-07-06 (PCT/IB2018/055020)
[87] (WO2019/197887)
[30] US (15/950,031) 2018-04-10

[21] **3,096,916**
[13] A1
[51] **Int.Cl. A61K 31/343 (2006.01) A61K 31/4178 (2006.01) A61K 31/4188 (2006.01) A61K 31/439 (2006.01) A61K 31/454 (2006.01) A61K 31/4725 (2006.01) A61K 31/498 (2006.01) A61K 31/7056 (2006.01) A61K 31/7068 (2006.01) A61K 31/7072 (2006.01) A61K 45/06 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY FOR TREATMENT OF HCV**
[54] **POLYTHERAPIE POUR LE TRAITEMENT DU VIRUS DE L'HEPATITE C**
[72] JACOBSON, IRINA C., US
[72] LIN, BIING YUAN, US
[72] LEE, SAM SK, US
[71] COCRYSTAL PHARMA, INC., US
[85] 2020-10-09
[86] 2019-05-09 (PCT/US2019/031459)
[87] (WO2019/217643)
[30] US (62/669,007) 2018-05-09

[21] **3,096,918**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/4196 (2006.01) A61K 47/34 (2017.01)**
[25] EN
[54] **INJECTABLE COMPOSITION**
[54] **COMPOSITION INJECTABLE**
[72] FRANCO RODRIGUEZ, GUILLERMO, ES
[72] GUTIERRO ADURIZ, IBON, ES
[71] LABORATORIOS FARMACEUTICOS ROVI, S.A., ES
[85] 2020-10-05
[86] 2019-06-12 (PCT/EP2019/065318)
[87] (WO2019/238740)
[30] EP (18382413.5) 2018-06-12

[21] **3,096,919**
[13] A1
[51] **Int.Cl. A61L 15/22 (2006.01)**
[25] EN
[54] **COMPOSITION OF ACTIVE INGREDIENT LOADED EDIBLE INK AND METHODS OF MAKING SUITABLE SUBSTRATES FOR ACTIVE INGREDIENT PRINTING ON ORODISPERSIBLE FILMS**
[54] **COMPOSITION D'ENCRE COMESTIBLE CHARGEE DE PRINCIPE ACTIF ET PROCEDES DE FABRICATION DE SUBSTRATS APPROPRIES POUR UNE IMPRESSION DE PRINCIPE ACTIF SUR DES FILMS ORODISPERSIBLES**
[72] DAUD, ANWAR, IN
[72] SAPKAL, NIDHI, IN
[72] KILOR, VAISHALI, IN
[72] BONDE, MINAL, IN
[72] DULE, PRIYA, IN
[71] ZIM LABORATORIES LIMITED, IN
[85] 2020-10-09
[86] 2019-04-11 (PCT/IN2019/050299)
[87] (WO2019/198105)
[30] IN (201821014188) 2018-04-13

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[13] A1
[51] **Int.Cl. A23K 20/121 (2016.01) A23K 20/147 (2016.01) A23K 20/158 (2016.01) A23K 20/174 (2016.01) A23K 20/179 (2016.01)**
[25] EN
[54] **ALGINATE BEADS AND METHODS OF MANUFACTURE AND USE THEREOF**
[54] **BILLES D'ALGINATE ET SES PROCEDES DE FABRICATION ET D'UTILISATION**
[72] PALMER, JAY, US
[71] CLEARH2O, INC., US
[85] 2020-10-09
[86] 2019-04-16 (PCT/US2019/027588)
[87] (WO2019/204245)
[30] US (62/658,831) 2018-04-17

[21] **3,096,929**
[13] A1
[51] **Int.Cl. E04H 4/16 (2006.01)**
[25] EN
[54] **OBSTACLE TOUCHING DETECTING DEVICE OF SWIMMING POOL CLEANER**
[54] **APPAREIL DE DETECTION DE CONTACT D'OBSTACLE D'UN DISPOSITIF DE NETTOYAGEDE PISCINE**
[72] YU, QIAN, CN
[72] CEN, PU, CN
[72] HUANG, JIANCHENG, CN
[72] WANG, YUEMING, CN
[72] GUAN, SHOUQIANG, CN
[72] ZHANG, ZILONG, CN
[71] TIANJIN WANGYUAN ENVIRONMENTAL PROTECTION & TECHNOLOGY CO., LTD, CN
[85] 2020-10-13
[86] 2019-03-26 (PCT/CN2019/079669)
[87] (WO2019/205861)
[30] CN (201810397918.2) 2018-04-28

[21] **3,096,932**
[13] A1
[51] **Int.Cl. H01R 13/28 (2006.01)**
[25] EN
[54] **CONNECTOR PART HAVING HERMAPHRODITIC CONTACT ELEMENTS**
[54] **PARTIE DE CONNECTEUR AYANT DES ELEMENTS DE CONTACT HERMAPHRODITES**
[72] GESKE, RALF, DE
[72] SCHAFMEISTER, ARNDT, DE
[71] PHOENIX CONTACT GMBH & CO. KG, DE
[71] EPT HOLDING GMBH & CO. KG, DE
[85] 2020-10-13
[86] 2019-04-12 (PCT/EP2019/059411)
[87] (WO2019/201768)
[30] BE (BE2018/5256) 2018-04-17

[21] **3,096,933**
[13] A1
[51] **Int.Cl. G02F 1/35 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FREQUENCY CONVERSION AND AMPLIFICATION OF LASER RADIATION BY MEANS OF NON-LINEAR MEDIA IN OPTICAL RESONATORS**
[54] **PROCEDE ET DISPOSITIF DE CONVERSION DE FREQUENCE ET D'AMPLIFICATION DE RAYONNEMENT LASER AU MOYEN DE MILIEUX NON LINEAIRES DANS DES RESONATEURS OPTIQUES**
[72] SCHNABEL, ROMAN, DE
[72] SCHONBECK, AXEL, DE
[72] STEINLECHNER, SEBASTIAN, DE
[71] UNIVERSITAT HAMBURG, DE
[85] 2020-10-13
[86] 2019-04-15 (PCT/EP2019/059677)
[87] (WO2019/201857)
[30] DE (10 2018 108 953.8) 2018-04-16

[21] **3,096,934**
[13] A1
[51] **Int.Cl. C21B 9/08 (2006.01) C21B 7/08 (2006.01) F27B 13/12 (2006.01)**
[25] EN
[54] **BURNER PANEL FOR A METALLURGICAL FURNACE**
[54] **PANNEAU DE BRULEUR POUR FOUR METALLURGIQUE**
[72] FERGUSON, SCOTT A., US
[72] WARD, TROY D., US
[72] CHODL, ERIC, US
[71] SYSTEMS SPRAY-COOLED, INC., US
[85] 2020-10-06
[86] 2019-06-17 (PCT/US2019/037462)
[87] (WO2019/245958)
[30] US (16/011,618) 2018-06-18

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[13] A1
[51] **Int.Cl. C07D 417/04 (2006.01) A61K 31/427 (2006.01) A61K 31/428 (2006.01) A61P 35/00 (2006.01) C07D 277/46 (2006.01) C07D 277/60 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **SUBSTITUTED AMINOTHIAZOLES AS INHIBITORS OF NUCLEASES**
[54] **AMINOTHIAZOLES SUBSTITUES UTILISES EN TANT QU'INHIBITEURS DE NUCLEASES**
[72] PARUCH, KAMIL, CZ
[72] CARBAIN, BENOIT, CZ
[72] HAVEL, STEPAN, CZ
[72] DAMBORSKY, JIRI, CZ
[72] BREZOVSKY, JAN, CZ
[72] DANIEL, LUKAS, CZ
[72] SISAKOVA, ALEXANDRA, SK
[72] NIKULENKOV, FEDOR, CZ
[72] KREJCI, LUMIR, CZ
[71] MASARYKOVA UNIVERZITA, CZ
[85] 2020-10-13
[86] 2019-04-15 (PCT/EP2019/059689)
[87] (WO2019/201865)
[30] EP (18167651.1) 2018-04-17

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[13] A1
[51] **Int.Cl. A24F 40/50 (2020.01) A24F 40/51 (2020.01) A24F 47/00 (2020.01) A61M 15/06 (2006.01)**
[25] EN
[54] **INHALET**
[54] **ASPIRATEUR**
[72] MINAMI, YUKI, JP
[72] KUDO, TAKAHISA, JP
[72] INAGAKI, MICHIHIRO, JP
[72] INOUE, JUMPEI, JP
[72] ABE, YUKI, JP
[72] GEERNAERT, ADAM, GB
[72] RUBICONI, FRANCK, GB
[72] COX, SIMON, GB
[72] RISHI, JOBANPUTRA, GB
[71] JAPAN TOBACCO INC., JP
[85] 2020-10-06
[86] 2019-04-09 (PCT/JP2019/015382)
[87] (WO2019/198686)
[30] JP (PCT/JP2018/015128) 2018-04-10
[30] JP (PCT/JP2018/046712) 2018-12-19

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[13] A1
[51] **Int.Cl. A61K 8/39 (2006.01) A61K 8/34 (2006.01) A61Q 5/02 (2006.01) A61Q 9/02 (2006.01) A61Q 19/10 (2006.01) C07C 51/09 (2006.01) C07C 51/367 (2006.01) C07C 59/125 (2006.01)**
[25] EN
[54] **COSMETIC COMPOSITIONS**
[54] **COMPOSITIONS COSMETIQUES**
[72] BENADE, JUERGEN, DE
[72] CASTAN BARBERAN, PILAR, ES
[72] MARIMON MARGARIT, NURIA, ES
[72] VAN DER VEEN, REINOUT, DE
[71] KAO CORPORATION S.A., ES
[85] 2020-10-13
[86] 2019-04-16 (PCT/EP2019/059786)
[87] (WO2019/201906)
[30] EP (18382255.0) 2018-04-16

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[13] A1
[51] **Int.Cl. C07D 417/04 (2006.01) A61K 31/426 (2006.01) A61P 25/00 (2006.01) A61P 35/00 (2006.01) C07D 277/46 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **SUBSTITUTED PROPANAMIDES AS INHIBITORS OF NUCLEASES**
[54] **PROPANAMIDES SUBSTITUES UTILISES EN TANT QU'INHIBITEURS DE NUCLEASES**
[72] PARUCH, KAMIL, CZ
[72] CARBAIN, BENOIT, CZ
[72] HAVEL, STEPAN, CZ
[72] VSIANSKY, VIT, CZ
[72] NIKULENKOV, FEDOR, CZ
[72] KREJCI, LUMIR, CZ
[71] MASARYKOVA UNIVERZITA, CZ
[85] 2020-10-13
[86] 2019-04-15 (PCT/EP2019/059693)
[87] (WO2019/201867)
[30] EP (18167664.4) 2018-04-17

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[13] A1
[51] **Int.Cl. A61K 31/352 (2006.01) A61P 25/00 (2006.01) A61P 25/08 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION, EXCIPIENT FOR THE COMPOSITION AND USE OF THE COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE, EXCIPIENT POUR LA COMPOSITION ET UTILISATION DE LA COMPOSITION**
[72] DONADUZZI, LUIZ, BR
[72] DONADUZZI, CARMEN MARIA, BR
[72] JUNIOR, LIBERATO BRUM, BR
[72] ZIMMERMAN, PATRICIA MOURA DA ROSA, BR
[72] WEBLER, EMANUELLE, BR
[72] RECHIA, LETICIA MELLO, BR
[72] CRIPPA, JOSE ALEXANDRE, BR
[72] HALLAK, JAIME EDUARDO CECILIO, BR
[72] ZUARDI, ANTONIO WALDO, BR
[72] GUIMARAES, FRANCISCO SILVEIRA, BR
[72] CAMPOS, ALLINE CRISTINA DE, BR
[72] TUMAS, VITOR, BR
[72] GUIMARAES, ELAINE APARECIDA DEL BEL BELLUZ, BR
[71] PRATI, DONADUZZI & CIA LTDA, BR
[71] UNIVERSIDADE DE SAO PAULO, BR
[85] 2020-09-09
[86] 2019-02-11 (PCT/BR2019/050040)
[87] (WO2019/153064)
[30] BR (102018002843-0) 2018-02-09

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[13] A1
[51] **Int.Cl. C07B 43/06 (2006.01) C07C 231/10 (2006.01) C07C 233/05 (2006.01) C07C 233/11 (2006.01) C07C 233/58 (2006.01) C07C 233/65 (2006.01) C07D 233/86 (2006.01) C07D 401/04 (2006.01) C07D 401/06 (2006.01)**
[25] EN
[54] **A NEW METHOD FOR SYNTHESIS OF DEUTERATED AMIDE AND DEUTERATED SULFONAMIDE**
[54] **NOUVEAU PROCEDE DE SYNTHESE D'AMIDES DEUTERES ET DE SULFONAMIDES DEUTERES**
[72] DU, WU, CN
[72] WEN, KUN, CN
[72] HE, JINYUN, CN
[72] LI, HAIBO, CN
[72] QIN, DEKUN, CN
[72] LI, XINGHAI, CN
[72] CHEN, YUANWEI, CN
[71] HINOVA PHARMACEUTICALS INC., CN
[85] 2020-10-13
[86] 2019-04-12 (PCT/CN2019/082555)
[87] (WO2019/196945)
[30] CN (201810332134.1) 2018-04-13

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[13] A1
[51] **Int.Cl. A61M 1/10 (2006.01) A61M 1/12 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CALIBRATION AND USE IN ESTIMATING BLOOD FLOW IN AN INTRAVASCULAR BLOOD PUMP**
[54] **PROCEDE ET APPAREIL D'ETALONNAGE ET DESTINES A ETRE UTILISES DANS L'ESTIMATION D'UN DEBIT SANGUIN DANS UNE POMPE A SANG INTRAVASCULAIRE**
[72] SIESS, THORSTEN, DE
[72] NIX, CHRISTOPH, DE
[72] BONSCH, STEFAN, DE
[71] ABIOMED EUROPE GMBH, DE
[85] 2020-10-13
[86] 2019-01-08 (PCT/EP2019/050339)
[87] (WO2019/137911)
[30] EP (18150702.1) 2018-01-09

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[13] A1
[51] **Int.Cl. F04B 1/32 (2020.01) F03C 1/40 (2006.01) F04B 49/00 (2006.01) F04B 53/14 (2006.01)**
[25] EN
[54] **SWASH PLATE-TYPE AXIAL PISTON PUMP**
[54] **POMPE A PISTONS AXIAUX DE TYPE A PLATEAU INCLINABLE**
[72] KRONPASS, MANUEL, DE
[71] HYDAC DRIVE CENTER GMBH, DE
[85] 2020-10-13
[86] 2019-03-29 (PCT/EP2019/057982)
[87] (WO2019/201574)
[30] DE (10 2018 003 207.9) 2018-04-19

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[13] A1
[51] **Int.Cl. G01D 21/00 (2006.01) H03K 17/95 (2006.01) H03K 17/955 (2006.01)**
[25] EN
[54] **DEVICE TO MEASURE DISRUPTIONS IN A CONTROLLED MAGNETIC FIELD**
[54] **DISPOSITIF PERMETTANT DE MESURER DES PERTURBATIONS DANS UN CHAMP MAGNETIQUE CONTROLE**
[72] APONTE LUIS, JUAN, ES
[71] ONTECH SECURITY, S.L., ES
[85] 2020-10-13
[86] 2019-04-13 (PCT/EP2019/059585)
[87] (WO2019/197677)
[30] EP (18382251.9) 2018-04-13

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[13] A1
[51] **Int.Cl. H02S 20/32 (2014.01)**
[25] EN
[54] **SOLAR PLANT HAVING A PIVOTABLE AND LOCKABLE MODULE TABLE**
[54] **INSTALLATION SOLAIRE AYANT UN TABLE DE MODULES PIVOTANTES ET FIXABLES**
[72] KUFNER, JOHANN, DE
[72] KERMELK, NATHALIE, DE
[72] BIRR, PETER, DE
[72] BAUER, BENJAMIN, DE
[72] REHM, RONNY, DE
[71] IDEEMATEC DEUTSCHLAND GMBH, DE
[85] 2020-10-13
[86] 2019-04-11 (PCT/EP2019/059300)
[87] (WO2019/228703)
[30] DE (20 2018 103 053.1) 2018-05-30

[21] **3,096,968**
[13] A1
[51] **Int.Cl. A61K 31/575 (2006.01) A61K 9/00 (2006.01) A61K 9/127 (2006.01) A61K 31/688 (2006.01) A61K 45/06 (2006.01) A61P 11/00 (2006.01) A61P 39/00 (2006.01)**
[25] EN
[54] **TREATMENT OF PNEUMONIA**
[54] **TRAITEMENT DE PNEUMONIE**
[72] AZEREDO DA SILVEIRA LAJAUNIAS, SAMAREH, CH
[72] LAJAUNIAS, FREDERIC, CH
[71] COMBIOXIN SA, CH
[85] 2020-10-13
[86] 2019-04-16 (PCT/EP2019/059826)
[87] (WO2019/201937)
[30] EP (18167848.3) 2018-04-17

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[13] A1
[51] **Int.Cl. C07C 59/46 (2006.01) C07C 69/608 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF ILOPROST**
[54] **PROCEDE DE PREPARATION D'ILOPROST**
[72] ROZSUMBERSZKI, IMRE, HU
[72] KARDOS, ZSUZSANNA, HU
[72] HORTOBAGYI, IREN, HU
[72] SZABO, TIBOR, HU
[72] VARADI, CSABA, HU
[72] BAN, TAMAS, HU
[71] CHINOIN GYOGYSZER ES VEGYESZETI TERMEKEK GYARA ZRT., HU
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[25] EN
[54] **DOUBLE-TUBE HEAT EXCHANGER AND MANUFACTURING METHOD THEREOF**
[54] **ECHANGEUR DE CHALEUR A TUBES COAXIAUX ET PROCEDE DE FABRICATION ASSOCIE**
[72] MANENTI, GIOVANNI, IT
[71] MANENTI, GIOVANNI, IT
[85] 2020-10-13
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[30] IT (102018000004827) 2018-04-24

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[51] **Int.Cl. B65G 47/90 (2006.01) B65B 21/12 (2006.01)**
[25] EN
[54] **DEVICE FOR GRIPPING CONTAINERS**
[54] **DISPOSITIF DE PREHENSION DE RECIPIENTS**
[72] CAFFA, MARCO, IT
[72] CIPRIANI, MARCO, IT
[72] LANZONE, FRANCESCO, IT
[71] FT SYSTEM SRL, IT
[85] 2020-10-13
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[54] **LIGHTWEIGHT HOSE**
[54] **TUYAU SOUPLE DE FAIBLE POIDS**
[72] BLOCK, ANDREW P., US
[72] STOKES, STEVE, US
[71] FISKARS OYJ ABP, FI
[85] 2020-10-13
[86] 2019-04-25 (PCT/IB2019/053429)
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[54] **METHODS FOR TREATING LYMPHOID MALIGNANCIES**
[54] **METHODES DE TRAITEMENT DE MALIGNITES LYMPHOIDES**
[72] HE, WEI, CN
[71] ZHEJIANG DTRM BIOPHARMA CO. LTD., CN
[85] 2020-04-16
[86] 2018-10-26 (PCT/US2018/057660)
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[25] EN
[54] **CORROSION-RESISTANT PERMANENT MAGNET AND INTRAVASCULAR BLOOD PUMP COMPRISING THE MAGNET**
[54] **AIMANT PERMANENT RESISTANT A LA CORROSION ET POMPE SANGUINE INTRAVASCULAIRE COMPRENANT L'AIMANT**
[72] MOURRAN, CLAUDIA, DE
[72] SIESS, THORSTEN, DE
[71] ABIOMED EUROPE GMBH, DE
[85] 2020-10-13
[86] 2019-04-17 (PCT/EP2019/059968)
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[25] EN
[54] **IMPROVED BRAKE WARE MONITORING**
[54] **SURVEILLANCE AMELIOREE DE MATERIEL DE FREINAGE**
[72] RONSE, FREDERICK, BE
[71] OVINTO CVBA, BE
[85] 2020-10-13
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[25] EN
[54] **PROCESS FOR THE STABILISATION OF HYDROSULPHITE**
[54] **PROCEDE DE STABILISATION DE L'HYDROSULPHITE**
[72] MAZZOLA, ADELIO, IT
[71] ESSECO S.R.L., IT
[85] 2020-10-13
[86] 2019-04-29 (PCT/IB2019/053492)
[87] (WO2019/220248)
[30] IT (102018000005473) 2018-05-17

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[51] **Int.Cl. A61K 47/66 (2017.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR USE IN LYSIS OF SELECTIVE CANCER CELLS**
[54] **COMPOSITIONS DESTINEES A ETRE UTILISEES DANS LA LYSE DE CELLULES CANCEREUSES SELECTIVES**
[72] EVANS, STEVEN, US
[71] ONCOLYZE, INC., US
[85] 2020-10-05
[86] 2019-04-08 (PCT/US2019/026390)
[87] (WO2019/195851)
[30] US (62/653,808) 2018-04-06

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[25] EN
[54] **BORON-DOPED COPPER CATALYSTS FOR EFFICIENT CONVERSION OF CO2 TO MULTI-CARBON HYDROCARBONS AND ASSOCIATED METHODS**
[54] **CATALYSEURS DE CUIVRE DOPES AU BORE PERMETTANT UNE CONVERSION EFFICACE DE CO2 EN HYDROCARBURES MULTI-CARBONE ET PROCEDES ASSOCIES**
[72] SARGENT, EDWARD, CA
[72] DE LUNA, PHIL, CA
[72] CHE, FANGLIN, CA
[72] ZHOU, YANSONG, CA
[71] TOTAL SE, FR
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2020-10-02
[86] 2019-04-23 (PCT/EP2019/060329)
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[25] EN
[54] **JACKETS WITH POCKETS AND REMOVABLE SLEEVES FOR USE IN THE HOSPITAL SETTING**
[54] **VESTES DOTEES DE POCHES ET DE MANCHES AMOVIBLES DESTINEES A ETRE UTILISEES EN MILIEU HOSPITALIER**
[72] ANTUNES, NUNO, PT
[71] ANTUNES, NUNO, PT
[85] 2020-10-13
[86] 2019-05-06 (PCT/IB2019/053665)
[87] (WO2019/215564)
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[51] **Int.Cl. C11B 13/00 (2006.01)**
[25] EN
[54] **POLYGLYCEROL FATTY ACID ESTERS (PGE) FOR CORN OIL EXTRACTION**
[54] **ESTERS D'ACIDES GRAS DU POLYGLYCEROL (PGE) POUR EXTRACTION D'HUILE DE MAIS**
[72] TURUNC, UMIT, US
[72] RAAB, MICHAEL, US
[71] BL TECHNOLOGIES, INC., US
[85] 2020-10-13
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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/68 (2017.01)**
[25] EN
[54] **ANTIBODY SPECIFICALLY BINDING TO FOLR1 AND USES THEREOF**
[54] **ANTICORPS SE LIANT SPECIFIQUEMCANT A FOLR1 ET UTILISATIONS ASSOCIEES**
[72] PARK, SOON JAE, KR
[72] CHUNG, HYE-SHIN, KR
[72] LEE, SUNBAE, KR
[71] ALTEOGEN, INC., KR
[85] 2020-10-13
[86] 2019-03-13 (PCT/KR2019/002911)
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[51] **Int.Cl. A61B 90/00 (2016.01)**
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[54] **VIRTUAL FOOT PEDAL**
[54] **PEDALE DE PIED VIRTUELLE**
[72] RAPOPORT, TOBIAS JURA, DE
[71] ALCON INC., CH
[85] 2020-10-13
[86] 2019-05-10 (PCT/IB2019/053886)
[87] (WO2019/220290)
[30] US (62/672,307) 2018-05-16

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[51] **Int.Cl. C07D 239/48 (2006.01) A61K 31/505 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **AXL KINASE INHIBITORS AND USE OF THE SAME**
[54] **INHIBITEURS DE KINASES AXL ET LEUR UTILISATION**
[72] SIDDIQUI-JAIN, ADAM, US
[72] WARNER, STEVEN L., US
[72] FLYNN, PAUL, US
[72] BEARSS, DAVID J., US
[72] FOULKS, JASON MARC, US
[72] TOMIMATSU, NOZOMI, JP
[72] FUJIMURA, KEN, JP
[72] UMEHARA, HIROKI, JP
[72] NONOYAMA, AKIHITO, JP
[72] KIGUCHIYA, AKIHITO, JP
[71] SUMITOMO DAINIPPON PHARMA ONCOLOGY, INC., US
[85] 2020-10-05
[86] 2019-04-05 (PCT/US2019/026094)
[87] (WO2019/195753)
[30] US (62/653,394) 2018-04-05
[30] US (62/663,146) 2018-04-26
[30] US (62/678,980) 2018-05-31
[30] US (62/688,161) 2018-06-21
[30] US (62/695,609) 2018-07-09
[30] US (62/698,638) 2018-07-16
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[30] US (62/778,856) 2018-12-12
[30] US (62/813,705) 2019-03-04

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[25] EN
[54] **ELECTRONIC CAMERA FILTER**
[54] **FILTRE DE CAMERA ELECTRONIQUE**
[72] SADAHIRO, HALUKI, US
[72] MCVICKER, GUY, US
[71] PANAVISION INTERNATIONAL, L.P., US
[85] 2020-10-13
[86] 2019-04-12 (PCT/US2019/027387)
[87] (WO2019/200358)
[30] US (62/657,574) 2018-04-13
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[51] **Int.Cl. C12N 15/113 (2010.01) C12N 15/82 (2006.01)**
[25] EN
[54] **CONTROL OF INSECT PESTS USING RNA MOLECULES**
[54] **LUTTE CONTRE LES INSECTES NUISIBLES A L'AIDE DE MOLECULES D'ARN**
[72] DE SCHRIJVER, LIEN, BE
[72] CAPPELLE, KAAT, BE
[72] DEGRAVE, LIES, BE
[72] NAUDET, YANN, BE
[72] DENORME, STEFFY, BE
[71] DEVGEN NV, BE
[85] 2020-10-13
[86] 2019-04-17 (PCT/EP2019/060009)
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[13] A1
[51] **Int.Cl. C08J 9/232 (2006.01) A43B 13/04 (2006.01) C08J 9/00 (2006.01)**
[25] EN
[54] **FOAMS BASED ON THERMOPLASTIC ELASTOMERS**
[54] **MOUSSES A BASE D'ELASTOMERES THERMOPLASTIQUES**
[72] POESELT, ELMAR, DE
[72] GUTMANN, PETER, DE
[72] RAPP, FLORIAN TOBIAS, DE
[72] PRISSOK, FRANK, DE
[71] BASF SE, DE
[85] 2020-10-13
[86] 2019-04-18 (PCT/EP2019/060123)
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[30] EP (18168425.9) 2018-04-20

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[51] **Int.Cl. C07C 275/64 (2006.01) A23K 20/111 (2016.01) A01N 47/28 (2006.01) A01P 5/00 (2006.01) A01P 7/02 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **PHENOXYUREA COMPOUND AND PEST CONTROL AGENT**
[54] **COMPOSE DE PHENOXY UREE ET AGENT DE LUTTE ANTIPARASITAIRE**
[72] FURUKAWA, HIRONORI, JP
[72] IWASA, TAKAO, JP
[72] AMANO, TOMOHIRO, JP
[72] SHIINOKI, YASUYUKI, JP
[72] MOROE, HIROKO, JP
[71] NIPPON SODA CO., LTD., JP
[85] 2020-10-05
[86] 2019-04-03 (PCT/JP2019/014798)
[87] (WO2019/198592)
[30] JP (2018-074961) 2018-04-09

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[54] **MOUSSE A BASE D'ELASTOMERE THERMOPLASTIQUE**
[72] POESELT, ELMAR, DE
[72] GUTMANN, PETER, DE
[72] RAPP, FLORIAN TOBIAS, DE
[72] PRISSOK, FRANK, DE
[71] BASF SE, DE
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[86] 2019-04-18 (PCT/EP2019/060131)
[87] (WO2019/202095)
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[51] **Int.Cl. C12Q 1/6886 (2018.01)**
[25] EN
[54] **SELECTING PATIENTS FOR THERAPY WITH ADENOSINE SIGNALING INHIBITORS**
[54] **SELECTION DE PATIENTS POUR UNE THERAPIE AVEC DES INHIBITEURS DE SIGNALISATION DE L'ADENOSINE**
[72] LINGHU, BOLAN, US
[72] MERCHANT, MELINDA, US
[72] SACHSENMEIER, KRIS, US
[72] XIE, MINGCHAO, US
[71] ASTRAZENECA AB, SE
[85] 2020-10-13
[86] 2019-04-23 (PCT/EP2019/060312)
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[25] EN
[54] **AMNIOTIC OR PLACENTAL DEVICE FOR OPHTHALMIC USE AS A DRESSING WITH CLEAR CENTER**
[54] **DISPOSITIF AMNIOTIQUE OU PLACENTAIRE A USAGE OPHTALMIQUE EN TANT QUE PANSEMENT A PARTIE CENTRALE CLAIRE**
[72] TELLO, CELSO, US
[71] TELLO, CELSO, US
[85] 2020-10-13
[86] 2018-08-07 (PCT/US2018/045530)
[87] (WO2019/094073)
[30] US (62/544,770) 2017-08-11
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[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **FORMULATIONS OF HUMAN ANTI-PD-L1 ANTIBODIES**
[54] **FORMULATIONS D'ANTICORPS HUMAIN ANTI-PD-L1**
[72] BIDDLECOMBE, JAMES, GB
[72] MAIN, JENNY, US
[72] DU, JIALI, US
[72] ALBARGHOUTHI, METHAL, US
[71] MEDIMMUNE LIMITED, GB
[85] 2020-10-13
[86] 2019-04-24 (PCT/EP2019/060498)
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[25] EN
[54] **ADJUSTABLE HELMET ASSEMBLY**
[54] **ENSEMBLE CASQUE REGLABLE**
[72] CZERSKI, MIKE, US
[72] LEWIS-CLARK, BRIAN, US
[72] NUEBAUER, JASON, US
[72] FRANK, ADAM, US
[71] VPG ACQUISITIONCO, LLC, US
[85] 2020-10-13
[86] 2019-04-15 (PCT/US2019/027557)
[87] (WO2019/200409)
[30] US (62/657,744) 2018-04-14
[30] US (62/716,066) 2018-08-08
[30] US (62/792,573) 2019-01-15

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[25] EN
[54] **SET OF PANELS WITH A MECHANICAL LOCKING DEVICE**
[54] **ENSEMBLE DE PANNEAUX COMPRENANT UN DISPOSITIF DE VERROUILLAGE MECANIQUE**
[72] BOO, CHRISTIAN, SE
[71] VALINGE INNOVATION AB, SE
[85] 2020-10-08
[86] 2019-04-17 (PCT/SE2019/050363)
[87] (WO2019/203723)
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[51] **Int.Cl. F03D 1/06 (2006.01) F03D 80/30 (2016.01)**
[25] EN
[54] **CONNECTING ELEMENT FOR A LIGHTNING PROTECTION SYSTEM OF A WIND TURBINE BLADE**
[54] **ELEMENT DE LIAISON POUR UN SYSTEME DE PROTECTION CONTRE LA FOUDRE D'UNE PALE D'EOLIENNE**
[72] HANSEN, LARS BO, DK
[72] GJERLEVSEN, CHRISTIAN, DK
[71] LM WIND POWER INTERNATIONAL TECHNOLOGY II APS, DK
[85] 2020-10-13
[86] 2019-05-27 (PCT/EP2019/063634)
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[51] **Int.Cl. A61J 7/04 (2006.01) A61J 7/00 (2006.01) G07F 17/00 (2006.01)**
[25] EN
[54] **AUTOMATIC PILL DISPENSER AND METHODS FOR AUTOMATIC PILL DISPENSING**
[54] **DISTRIBUTEUR AUTOMATIQUE DE PILULES ET PROCEDES DE DISTRIBUTION AUTOMATIQUE DE PILULES**
[72] HINES, PAUL, US
[71] DOSE HEALTH, LLC, US
[85] 2020-10-13
[86] 2019-03-08 (PCT/US2019/021494)
[87] (WO2019/203953)
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[51] **Int.Cl. G06F 21/50 (2013.01) G06F 21/55 (2013.01) G06F 21/56 (2013.01) H04L 9/28 (2006.01)**
[25] EN
[54] **ANTI-VIRUS DEVICE FOR INDUSTRIAL CONTROL SYSTEMS**
[54] **DISPOSITIF ANTI-VIRUS DESTINE A DES SYSTEMES DE COMMANDE INDUSTRIELS**
[72] JAQUES, MARK, US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2020-10-13
[86] 2019-04-17 (PCT/US2019/027917)
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[30] US (62/658,914) 2018-04-17
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[51] **Int.Cl. A47J 36/34 (2006.01) H05B 6/06 (2006.01)**
[25] EN
[54] **COOKING EQUIPMENT FOR INDUCTION COOKING ON A PORCELAIN SURFACE**
[54] **EQUIPEMENT DE CUISSON A INDUCTION SUR SURFACE PORCELANIQUE**
[72] RODRIGUEZ BENEYTO, IGNACIO, ES
[71] ARBE STOLANIC, S.L., ES
[85] 2020-10-13
[86] 2019-03-05 (PCT/ES2019/070129)
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[51] **Int.Cl. A41G 1/00 (2006.01) A41G 1/02 (2006.01) A47G 33/06 (2006.01)**
[25] EN
[54] **ARTIFICIAL TREE AND METHOD OF MAKING**
[54] **ARBRE ARTIFICIEL ET SON PROCEDE DE FABRICATION**
[72] WEBB, TERRY K., US
[71] WEBB, TERRY K., US
[85] 2020-10-13
[86] 2019-03-11 (PCT/US2019/021623)
[87] (WO2019/199399)
[30] US (15/951,729) 2018-04-12

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[25] EN
[54] **CANNABIS TRICHOME SEPARATION USING CHILLED WATER**
[54] **SEPARATION DES TRICHOMES DU CANNABIS A L'AIDE D'EAU REFROIDIE**
[72] PAL, KRUPAL DEVENDRA, CA
[72] ULANOWSKI, THOMAS ADAM, CA
[72] KO, RYAN DELMORAL, CA
[72] CASSELMAN, IVAN, CA
[71] NEXTLEAF SOLUTIONS LTD., CA
[85] 2020-08-20
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[25] EN
[54] **STABILIZED CELL ACQUISITION FOR ELEMENTAL ANALYSIS**
[54] **ACQUISITION DE CELLULES STABILISEES EN VUE D'UNE ANALYSE ELEMENTAIRE**
[72] BARANOV, VLADIMIR, CA
[72] LOBODA, ALEXANDER, CA
[72] SULLIVAN, MICHAEL, CA
[71] FLUIDIGM CANADA INC., CA
[85] 2020-10-13
[86] 2019-04-12 (PCT/US2019/027306)
[87] (WO2019/200307)
[30] US (62/657,332) 2018-04-13

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[51] **Int.Cl. C07H 21/02 (2006.01)**
[25] EN
[54] **4'-THIO-NUCLEOTIDE AND -NUCLEOSIDE PRODRUGS FOR THE TREATMENT OF CANCER**
[54] **PROMEDICAMENTS DE 4'-THIO-NUCLEOTIDE ET DE NUCLEOSIDE POUR LE TRAITEMENT DU CANCER**
[72] MOUKHA-CHAFIQ, OMAR, US
[72] AUGELLI-SZAFRAN, CORINNE E., US
[72] SUTO, MARK J., US
[72] JUNG, DOO YOUNG, KR
[72] CHO, HYUNYONG, KR
[71] SOUTHERN RESEARCH INSTITUTE, US
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[72] JOHNSON, PHILIP R., US
[72] SCHNEPP, BRUCE C., US
[72] BENNETT, JEAN, US
[72] DOOLEY, SCOTT J., US
[72] FISHER, KRISHNA JAWAHARLAL, US
[72] SUN, JUNWEI, US
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[54] **AUTOMATED SYNTHESIS REACTOR SYSTEM WITH A RECIRCULATION LOOP**
[54] **SYSTEME AUTOMATISE DE REACTEUR DE SYNTHESE AVEC UNE BOUCLE DE RECIRCULATION**
[72] LUDEMANN-HOMBOURGER, OLIVIER, FR
[72] MARTINUZZI, ISABELLE, FR
[72] BOBIER, CHRISTELLE, SE
[72] FRANCOMME, ERIC, FR
[71] POLYPEPTIDE LABORATOIRES FRANCE, FR
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[54] **ANTI-CD40 ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-CD40 ET LEURS UTILISATIONS**
[72] WANG, JIEYI, US
[72] WU, YI, CN
[71] LYVGEN BIOPHARMA CO., LTD., CN
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[54] **ACOUSTIC TREATMENT PANEL FOR A TURBOJET ENGINE**
[54] **PANNEAU DE TRAITEMENT ACOUSTIQUE POUR TURBOREACTEUR**
[72] GONZALEZ, JEREMY PAUL FRANCISCO, FR
[72] JODET, NORMAN BRUNO ANDRE, FR
[72] RIOU, GEORGES JEAN XAVIER, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[54] **EXECUTION CONTROL WITH CROSS-LEVEL TRACE MAPPING**
[54] **COMMANDE D'EXECUTION AVEC MAPPAGE DE TRACES DE NIVEAU TRANSVERSAL**
[72] NELSON, PATRICK, US
[72] DAVIS, JACKSON, US
[72] MYERS, DEL, US
[72] LAI, THOMAS, US
[72] CHEN, DEBORAH, US
[72] MOLA, JORDI, US
[72] FALK, NOAH, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **CORE FOR METAL CASTING AN AERONAUTICAL PART**
[54] **NOYAU POUR LA FONDERIE D'UNE PIECE AERONAUTIQUE**
[72] ROLLINGER, ADRIEN BERNARD VINCENT, FR
[72] BOHLI, RAMZI, FR
[72] NIANE, NGADIA TAHA, FR
[72] LE HEGARAT, ALAIN, FR
[72] CARIOU, ROMAIN PIERRE, FR
[72] GRANGE, DAVID, FR
[72] GUERCHE, DIDIER MAURICE MARCEAU, FR
[71] SAFRAN, FR
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[54] **STRIKING TOOL AND ROTOR FITTED THEREWITH FOR A MACHINE FOR CRUSHING METAL OBJECTS OR STONE MATERIALS**
[54] **OUTIL DE PERCUSSION ET ROTOR EQUIPE DE CELUI-CI DESTINE A UNE MACHINE POUR FRAGMENTER DES OBJETS METALLIQUES OU DES MATERIAUX PIERREUX**
[72] MAYER, BRUNO, DE
[72] MAYER, STEPHAN O., DE
[71] STAHLWERKE BOCHUM GMBH, DE
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[54] **IMPLANTS USING ULTRASONIC COMMUNICATION FOR NEURAL SENSING AND STIMULATION**
[54] **IMPLANTS UTILISANT UNE COMMUNICATION ULTRASONORE POUR LA DETECTION ET LA STIMULATION NEURALE**
[72] MAHARBIZ, MICHEL M., US
[72] NEELY, RYAN, US
[72] KAY, JOSHUA, US
[72] CARMENA, JOSE M., US
[71] IOTA BIOSCIENCES, INC., US
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[54] **AIR FILTRATION CEILING FAN**
[54] **VENTILATEUR AU PLAFOND A FILTRATION D'AIR**
[72] JACKSON, TREVOR L., US
[72] PEHAR, DAVID M., US
[72] RABBITT, WILLIAM E., US
[72] VITANTONIO, MARC LOUIS, US
[72] STEPHENS, PAUL D., US
[72] NOWAK, VIKKI, US
[72] SPIRK, JOHN EVAN, US
[71] HOME DEPOT INTERNATIONAL, INC., US
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[54] **POLYMERSOMES METABOLISABLES SENSIBLES AU PH**
[72] BATTAGLIA, GIUSEPPE, GB
[72] POMA, ALESSANDRO, GB
[72] CECCHIN, DENIS, GB
[71] UCL BUSINESS LTD, GB
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[54] **SPRAY DEPOSITION SYSTEM AND ITS USE FOR TREATING A LIVING BEING**
[54] **SYSTEME DE DEPOT PAR PULVERISATION ET SON UTILISATION POUR TRAITER UN ETRE VIVANT**
[72] BOLD, THOMAS, DE
[72] SCHUBERT, FRANK, DE
[72] BHOGAL, JATINDER S., CA
[71] RENOVACARE SCIENCES CORP., US
[71] BOLD, THOMAS, DE
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[54] **ADJUSTABLE NATURAL CULLING OF MUSSEL POPULATION ON MUSSEL-CULTURE ROPES**
[54] **TRI ELIMINATOIRE NATUREL REGLABLE DE LA POPULATION DE MOULES SUR DES CORDES DE CULTURE DE MOULES**
[72] FRECHETTE, MARCEL, CA
[71] R-D MYTIS LTD., CA
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[54] **FLUX D'ELECTROLYSE INTERMITTENTS**
[72] CONRADO, ROBERT, US
[72] SIMPSON, SEAN, US
[72] MIHALCEA, CHRISTOPHE, US
[71] LANZATECH, INC., US
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[54] **PROCESS FOR IMPROVING FRESHNESS OF FLAT BREADS INVOLVING COMBINATION OF MALTOGENIC ALPHA AMYLASE VARIANTS**
[54] **PROCEDE POUR AMELIORER LA FRAICHEUR DE PAINS PLATS IMPLIQUANT UNE COMBINAISON DE VARIANTS D'ALPHA-AMYLASE MALTOGENIQUE**
[72] MATVEEVA, IRINA VICTOROVNA, RU
[72] KOROGLU, UMUT, TR
[72] LUNDKVIST, HENRIK, DK
[72] STRACHAN, SILVIA, CH
[72] SINIK, HASIM, TR
[71] NOVOZYMES A/S, DK
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[54] **METHOD FOR SEPARATION WITH SIMULATED MOVING BED**
[54] **PROCEDE DE SEPARATION AVEC LIT MOBILE SIMULE**
[72] PATHAPATI, TRINATH, NL
[72] DEN BOER, PIETER JOHANNES, NL
[72] RUTZE, DENNIS NICHOLAS, NL
[71] PROPHARMA GROUP EUROPE B.V., NL
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[54] **CHARGING STATION AND METHOD FOR CHARGING ELECTRIC VEHICLES**
[54] **STATION DE CHARGE ET PROCEDE DE CHARGE DE VEHICULES ELECTRIQUES**
[72] BROMBACH, JOHANNES, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[54] **BIOMARKERS FOR GRAFT-VERSUS-HOST DISEASE**
[54] **BIOMARQUEURS POUR UNE MALADIE DU GREFFON CONTRE L'HOTE**
[72] HOWELL, MICHAEL D., US
[72] LIU, HAO, US
[72] PRATTA, MICHAEL A., US
[71] INCYTE CORPORATION, US
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[54] **PRODUCTION OF WHITE SUGARS AND HIGH-QUALITY LIQUID SUGARS**
[54] **PRODUCTION DE SUCRES BLANCS ET DE SUCRES LIQUIDES DE HAUTE QUALITE**
[72] TAYLOR, JONATHAN, US
[71] SUCRO CAN SOURCING LLC, US
[85] 2020-10-13
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[54] **COMPACTION APPARATUS AND RELATED METHODS**
[54] **APPAREIL DE COMPACTAGE ET PROCEDES ASSOCIES**
[72] KAUFMANN, BEN, CA
[72] MUIR, ROD, CA
[72] SIROIS, MIKE, CA
[72] SMITH, JESSICA KARA, CA
[71] CANOPY GROWTH CORPORATION, CA
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[87] (WO2019/204913)
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[54] **ENERGY CHAIN WITH DAMPING ELEMENTS AS WELL AS SIDE PART THEREFOR**
[54] **CHAINE D'APPROVISIONNEMENT D'ENERGIE A ELEMENTS AMORTISSEURS ET PARTIE LATERALE CORRESPONDANTE**
[72] JAEKER, THILO-ALEXANDER, DE
[72] DOMMNIK, JORG, DE
[71] IGUS GMBH, DE
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[54] **CONE CLOSURE APPARATUS AND RELATED METHODS**
[54] **APPAREIL DE FERMETURE DE CONE ET PROCEDES ASSOCIES**
[72] SIROIS, MIKE, CA
[72] TUTTON, JOHN, CA
[72] WATTERS, ROBERT, CA
[71] CANOPY GROWTH CORPORATION, CA
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[51] **Int.Cl. A61M 25/00 (2006.01) A61M 5/162 (2006.01) A61M 25/04 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR PERCUTANEOUS INTRATUMORAL THERAPY DELIVERY**
[54] **DISPOSITIFS ET PROCEDES D'ADMINISTRATION PERCUTANEE DE THERAPIE INTRATUMORALE**
[72] PERKINS-NEATON, KATELYN, US
[72] EBERL, GREGORY, US
[72] BROPHY, MORGAN, US
[72] EAST, ANDREW, US
[72] ANAND, PJ, US
[72] SINGH, DEEP ARJUN, US
[72] GUSEILA, LOREDANA, US
[72] FREUND, JON, US
[72] PETER, DEREK, US
[71] ALCYONE LIFESCIENCES, INC., US
[85] 2020-10-13
[86] 2019-04-11 (PCT/US2019/026967)
[87] (WO2019/200086)
[30] US (62/657,019) 2018-04-13
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[25] EN
[54] **METHOD, DEVICE AND SYSTEM FOR FILLING PHARMACEUTICAL CONTAINERS**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE REMPLISSAGE DE CONTENANTS PHARMACEUTIQUES**
[72] GUERRERO, CARLOS ALBERTO DIAZ, CA
[71] VANRX PHARMASYSTEMS INC., CA
[85] 2020-10-14
[86] 2019-04-29 (PCT/CA2019/050556)
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[30] US (62/667,661) 2018-05-07
[30] US (16/003,166) 2018-06-08

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[51] **Int.Cl. C08L 1/28 (2006.01) A61K 9/48 (2006.01) A61K 47/38 (2006.01) B29C 41/14 (2006.01) B65D 85/00 (2006.01) C08L 1/02 (2006.01)**
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[54] **VAPORIZER CAPSULES AND METHODS OF MANUFACTURE**
[54] **CAPSULES DE VAPORISATEUR ET PROCEDES DE FABRICATION**
[72] SELBY, RYAN, CA
[72] KARKAIRAN, RYAN, CA
[71] SELBY, RYAN, CA
[71] KARKAIRAN, RYAN, CA
[85] 2020-09-14
[86] 2019-03-21 (PCT/CA2019/050352)
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[54] **HETEROARYL-TRIAZOLE AND HETEROARYL-TETRAZOLE COMPOUNDS AS PESTICIDES**
[54] **COMPOSES HETEROARYLE-TRIAZOLE ET HETEROARYLE-TETRAZOLE UTILISES EN TANT QUE PESTICIDES**
[72] ARLT, ALEXANDER, DE
[72] HALLENBACH, WERNER, DE
[72] SCHWARZ, HANS-GEORG, DE
[72] FUSSLEIN, MARTIN, DE
[72] WROBLOWSKY, HEINZ-JUERGEN, DE
[72] LINKA, MARC, DE
[72] GORGENS, ULRICH, DE
[72] ILG, KERSTIN, DE
[72] EBBINGHAUS-KINTSCHER, ULRICH, DE
[72] CANCHO GRANDE, YOLANDA, DE
[72] DAMIJONAITIS, ARUNAS JONAS, DE
[72] EILMUS, SASCHA, DE
[72] TURBERG, ANDREAS, DE
[72] HEISLER, IRING, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2020-10-14
[86] 2019-04-15 (PCT/EP2019/059624)
[87] (WO2019/201835)
[30] EP (18167825.1) 2018-04-17
[30] EP (18186592.4) 2018-07-31

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[51] **Int.Cl. G06N 3/04 (2006.01) G06N 3/08 (2006.01) G06N 5/00 (2006.01)**
[25] EN
[54] **SELECTING A NEURAL NETWORK ARCHITECTURE FOR A SUPERVISED MACHINE LEARNING PROBLEM**
[54] **SELECTION D'UNE ARCHITECTURE DE RESEAU NEURONAL POUR UN PROBLEME D'APPRENTISSAGE AUTOMATIQUE SUPERVISE**
[72] AMIZADEH, SAEED, US
[72] YANG, GE, US
[72] FUSI, NICOLO, US
[72] CASALE, FRANCESCO PAOLO, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[86] 2019-04-27 (PCT/US2019/029532)
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[51] **Int.Cl. G06N 99/00 (2019.01)**
[25] EN
[54] **SYSTEMS AND PROCESSES FOR PERFORMING ARTIFICIAL LIFT ON A WELL**
[54] **SYSTEMES ET PROCEDES DE MISE EN OEUVRE D'UNE ASCENSION ARTIFICIELLE SUR UN PUITS**
[72] BRIDGES, TIMOTHY J., US
[72] SCOTT, STUART L., US
[72] WALTRICH, PAULO, US
[72] NORRIS, LEE, US
[71] LIFT IP ETC, LLC, US
[71] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US
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[87] (WO2019/200135)
[30] US (62/656,794) 2018-04-12

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[13] A1
[51] **Int.Cl. A01N 3/00 (2006.01)**
[25] EN
[54] **MACROCYCLIC TETRAPYRROLE COMPOUNDS, COMPOSITIONS AND METHODS FOR INCREASING ABIOTIC STRESS RESISTANCE IN PLANTS**
[54] **COMPOSES DE TETRAPYRROLE MACROCYCLIQUES ET COMPOSITIONS ET PROCEDES POUR L'AUGMENTATION DE LA RESISTANCE AU STRESS ABIOTIQUE DANS DES PLANTES**
[72] FEFER, MICHAEL, CA
[72] LIU, JUN, CA
[72] NG, KEN, CA
[72] TERAZONO, YUICHI, CA
[72] TESHLER, INNA, CA
[72] CKURSHUMOVA, WENZI, CA
[72] NASH, BRADY, CA
[71] SUNCOR ENERGY INC., CA
[85] 2020-10-14
[86] 2019-04-29 (PCT/CA2019/050554)
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[30] US (62/664,619) 2018-04-30

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[51] **Int.Cl. B65B 3/04 (2006.01) B65B 3/12 (2006.01) B65B 3/26 (2006.01) B67C 3/22 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR FILLING CONTAINERS**
[54] **SYSTEMES ET PROCEDES DE REMPLISSAGE DE RECIPIENTS**
[72] GALAS, RICHARD JOHN, JR., US
[71] MILLENNIUM PHARMACEUTICALS, INC., US
[85] 2020-10-13
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[54] **PARTIE CENTRALE DE VERROU ELECTROMECANIQUE**
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[72] SNODGRASS, JOHN ANDREW, US
[72] BARNETT, STREET ANTHONY, III, US
[72] VIKLUND, MICHAEL HANS, US
[71] DORMAKABA USA INC., US
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[54] **FILTER CASSETTE ARTICLE, AND FILTER COMPRISING SAME**
[54] **ARTICLE DE CASSETTE DE FILTRAGE ET FILTRE LE COMPRENANT**
[72] BENSON, TODD, US
[72] PUGH, MARC, US
[72] BELL, JASON, US
[72] VANDER HOFF, MARK, US
[72] JOHNSON, KELLY, US
[72] BARTH, JONATHAN, US
[72] EAST, BRADFORD, US
[72] GUNTER, CAMERON, US
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[71] SMARTFLOW TECHNOLOGIES, INC., US
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[54] **DOSAGES IN VITRO SENSIBLES POUR DES PREFERENCES DE SUBSTRAT ET DE SITES D'AGENTS DE LIAISON, DE MODIFICATION ET DE CLIVAGE D'ACIDE NUCLEIQUE**
[72] JOUNG, J. KEITH, US
[72] PATTANAYAK, VIKRAM, US
[72] PETRI, KARL, US
[72] GEHRKE, JASON MICHAEL, US
[72] SASAKI, KANAE ESTHER, US
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[54] **TRAITEMENT DE LA SEPTICEMIE ET DU CHOC SEPTIQUE**
[72] AZEREDO DA SILVEIRA LAJAUNIAS, SAMAREH, CH
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[71] COMBIOXIN SA, CH
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[54] **THREE-DIMENSIONAL BRIDGE DECK FINISHER**
[54] **DISPOSITIF DE FINITION DE PONT TRIDIMENSIONNEL**
[72] MORRISON, MATTHEW, US
[71] GOMACO CORPORATION, US
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[54] **COMPOSITIONS AND METHODS FOR PREPARING AND USING NON-IMMUNOGENIC FAST ANNEALING MICROPOROUS ANNEALED PARTICLE HYDROGELS**
[54] **COMPOSITIONS ET PROCEDES DE PREPARATION ET METHODES D'UTILISATION D'HYDROGELS DE PARTICULES HYBRIDEES MICROPOREUSES A HYBRIDATION RAPIDE NON IMMUNOGENES**
[72] GRIFFIN, DONALD RICHIERI, US
[72] DANIERO, JAMES J., US
[72] PRUETT, LAUREN JAE, US
[71] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US
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[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE DE L'ETAT D'UNE MACHINE**
[72] DVORSKY, JAMES, US
[72] TALLOS, ROLAND KYLE, US
[72] TURNER, JONATHAN ERIC, US
[72] DELONG, BROCK JOSEPH, US
[72] SOMOGYE, RYAN, US
[71] NIKOLA LABS, US
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[54] **TURBINE A ECHELLE REDUITE ET SON PROCEDE DE FABRICATION**
[72] GUILLAUME, RENAUD, FR
[72] LOWYS, PIERRE-YVES, FR
[72] ANDRE, FRANCOIS, FR
[72] CHABERT, LUCAS, FR
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[54] **PARC DE FRACTURATION HYDRAULIQUE HYBRIDE**
[72] OEHRING, JARED, US
[72] HINDERLITER, BRANDON NEIL, US
[71] U.S. WELL SERVICES, LLC, US
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[54] **SYSTEME DE SURVEILLANCE DU FONCTIONNEMENT D'UNE CHAINE PORTE-CABLES**
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[71] IGUS GMBH, DE
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[54] **FORMES CRISTALLINES D'UN COMPOSE**
[72] WU, ZHENPING, CN
[72] LI, WENJI, CN
[72] FENG, LING, CN
[71] HUTCHISON MEDIPHARMA LIMITED, CN
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[54] **COMPRIME ORAL POUR LA GENERATION DE SALIVE INDUITE**
[72] WITTORFF, HELLE, DK
[71] FERTIN PHARMA A/S, DE
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[54] **LONG TERM IMPROVEMENT OF THERMAL INSULATION VALUES IN RIGID POLYISOCYANURATE/POLYURETHANE COMPRISING INSULATION FOAMS**
[54] **AMELIORATION A LONG TERME DE VALEURS D'ISOLATION THERMIQUE DANS UN POLYISOCYANURATE/POLYURETHANE RIGIDE COMPRENANT DES MOUSSES ISOLANTES**
[72] JONCHERAY, THOMAS JULIEN, BE
[72] VANDENBROECK, JAN, BE
[72] CARILLO, LINDA, IT
[72] DEDECKER, KRISTOF, BE
[72] GEUMEZ, GILLES JEAN, BE
[71] HUNTSMAN INTERNATIONAL LLC, US
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[54] **REACTEUR DE PRECIPITATION ELECTROCHIMIQUE COMPRENANT UNE ELECTRODE EN MOUVEMENT**
[72] KUNZ, ULRICH, DE
[72] MUDDEMANN, THORBEN, DE
[72] SIEVERS, MICHAEL, DE
[72] HAUPT, DENNIS, DE
[72] HICKMANN, THORSTEN, DE
[72] HENKEL, ROUVEN, DE
[71] EISENHUTH GMBH & CO. KG, DE
[71] TECHNISCHE UNIVERSITAET CLAUSTHAL, DE
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[54] **ADDITIFS POUR FORMULATIONS PROTEIQUES EN VUE D'AMELIORER LA STABILITE THERMIQUE**
[72] ROSENKRANZ, TOBIAS, DE
[72] SCHACHE, JANET, DE
[71] MERCK PATENT GMBH, DE
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[54] **METHOD FOR STABILIZING PROTEIN COMPRISING FORMULATIONS BY USING A MEGLUMINE SALT**
[54] **PROCEDE DE STABILISATION DE FORMULATIONS COMPRENANT DES PROTEINES A L'AIDE D'UN SEL DE MEGLUMINE**
[72] KORPUS, CHRISTOPH, DE
[72] GUEBELI, RAPHAEL JOHANNES, DE
[71] MERCK PATENT GMBH, DE
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[86] 2019-04-16 (PCT/EP2019/059771)
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[54] **SECURITY HANDLING FOR RRC RESUME FROM INACTIVE STATE**
[54] **GESTION DE SECURITE POUR UNE REPRISE DE RRC DEPUIS UN ETAT INACTIF**
[72] MILDH, GUNNAR, SE
[72] DA SILVA, ICARO L. J., SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **VISCOSITY REDUCTION OF HIGHLY CONCENTRATED PROTEIN FORMULATIONS**
[54] **REDUCTION DE LA VISCOSITE DE FORMULATIONS DE PROTEINES HAUTEMENT CONCENTREES**
[72] HILDEBRANDT, CHRISTIAN, DE
[72] KROG, ALEXANDRA, DE
[72] HENZLER, TANJA, DE
[72] GUEBELI, RAPHAEL, DE
[72] ZILLMANN, MARTIN, US
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[72] BUZARD, DANIEL J., US
[72] SHAGHAFI, MICHAEL B., US
[71] LUNDBECK LA JOLLA RESEARCH CENTER, INC., US
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[54] **PROCESS FOR THE PRODUCTION OF A CERAMIC ARTICLE**
[54] **PROCEDE DE PRODUCTION D'UN ARTICLE EN CERAMIQUE**
[72] SEVERIN, ERIK, PH
[71] VECOR IP HOLDINGS LIMITED, CN
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[86] 2019-04-16 (PCT/EP2019/059865)
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[54] **SYSTEM AND METHOD OF GEOGRAPHIC DATA AGGREGATION AND ANALYSIS**
[54] **SYSTEME ET PROCEDE D'AGREGATION ET D'ANALYSE DE DONNEES GEOGRAPHIQUES**
[72] ALVAREZ, ALISON, US
[72] BORENSTEIN, TOMER, US
[72] CURCIO, JOHN, US
[71] BLASTPOINT, INC., US
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[54] **SYSTEME DE GUIDANCE POUR CORRECTION D'HALLUX VALGUS**
[72] WOODARD, JOSEPH RYAN, US
[72] THOREN, BRIAN ROBERT, US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
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[54] **SYSTEMES ET PROCEDES DE STOCKAGE ET D'EXTRACTION SECURISES**
[72] MIDDELBERG, NEAL J., US
[72] PAUL, MARK GERARD, US
[72] ADCOCK, CRAIG S., US
[72] JOHNSON, RICHARD, US
[71] BELL AND HOWELL, LLC, US
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[54] **EMBALLAGE DE TYPE SACHET TUBE POUR BANDE D'ESSAI**
[72] AHL, AXEL, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **MANIPULATION OF GENES INVOLVED IN SIGNAL TRANSDUCTION TO CONTROL FUNGAL MORPHOLOGY DURING FERMENTATION AND PRODUCTION**
[54] **MANIPULATION DE GENES IMPLIQUES DANS LA TRANSDUCTION DE SIGNAL POUR REGULER LA MORPHOLOGIE FONGIQUE PENDANT LA FERMENTATION ET LA PRODUCTION**
[72] BRUNO, KENNETH S., US
[72] SZEWCZYK, EDYTA, US
[72] JAIN, SACHIN, US
[72] PFANNENSTIEL, BRANDON, US
[71] ZYMERGEN INC., US
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[54] **SYSTEME INFORMATIQUE DISTRIBUE A DONNEES SYNTHETIQUES EN TANT QUE MEMOIRE DE LOTS D'ENSEMBLES DE TRAMES DE SERVICE**
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[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **DISPOSITIF PHOTOVOLTAIQUE**
[72] LINDSTROM, HENRIK, SE
[72] FILI, GIOVANNI, SE
[72] NISSFOLK, JARL, SE
[72] SUNDQVIST, DANIEL, SE
[71] EXEGER OPERATIONS AB, SE
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[54] **CARREFOUR SYNERGIQUE RECONFIGURABLE**
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[54] **SURFACES STRUCTUREES CONTENANT DU GAZ**
[72] SCHIMMEL, THOMAS, DE
[71] BADEN-WURTTEMBERG STIFTUNG GGMBH, DE
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[54] **CAFFEINE COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE CAFEINE ET PROCEDES D'UTILISATION**
[72] CHIRILA, TRAIAN VASILE, AU
[72] SMITH, TAI MOUNTFORD, AU
[72] SUZUKI, SHUKO, AU
[71] BARISTA MIST PTY LTD, AU
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[30] AU (2018901266) 2018-04-16

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[54] **METHOD FOR PRODUCING A METAL BLADED ELEMENT FOR A TURBOMACHINE OF AN AIRCRAFT**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT AUBAGE METALLIQUE POUR UNE TURBOMACHINE D'AERONEF**
[72] SOISSON, MARC, FR
[72] BOUKERMA, SAID, FR
[72] LISOWSKI, JANUSZ, FR
[72] GIMEL, ALEXANDRE, FR
[72] SABOUNDJI, AMAR, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[71] SAFRAN, FR
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[54] **LIGHTWEIGHT RADOME FOR HOUSING AN ANTENNA**
[54] **RADOME LEGER DESTINE A LOGER UNE ANTENNE**
[72] MATHIEU, PAUL, AU
[71] NETCOMM WIRELESS PTY LTD, AU
[85] 2020-10-14
[86] 2019-04-18 (PCT/AU2019/050349)
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[54] **EXTERNAL TURNING TOOL HAVING A CUTTING PORTION WITH A TRANSVERSE ELONGATED DAMPING MECHANISM**
[54] **OUTIL ROTATIF EXTERNE AYANT UNE PARTIE DE COUPE AVEC UN MECANISME D'AMORTISSEMENT ALLONGE TRANSVERSAL**
[72] HERMAN, MEIR, IL
[72] SAFFOURI, JONY, IL
[72] BAR HEN, MEIR, IL
[71] ISCAR LTD., IL
[85] 2020-10-14
[86] 2019-03-10 (PCT/IL2019/050262)
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[30] US (15/953,726) 2018-04-16

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[25] EN
[54] **A METHOD FOR DETERMINING THE DEGREE OF CURE IN FORAGES**
[54] **PROCEDE DE DETERMINATION DU DEGRE DE DURCISSEMENT DANS DES FOURRAGES**
[72] KELLY, RICHARD, AU
[71] SIPCO PTY LTD, AU
[85] 2020-10-14
[86] 2019-04-18 (PCT/AU2019/050352)
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[54] **MITRE JOINT SUPPORT**
[54] **SUPPORT D'ARTICULATION A ONGLET**
[72] HODGSON, THOMAS, AU
[72] HODGSON, RILEY, AU
[71] TOMM TECH PTY LTD, AU
[85] 2020-10-14
[86] 2019-05-07 (PCT/AU2019/050418)
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[25] EN
[54] **TREATMENT OF AGING-ASSOCIATED DISEASE WITH MODULATORS OF LEUKOTRIENE A4 HYDROLASE**
[54] **TRAITEMENT D'UNE MALADIE ASSOCIEE AU VIEILLISSEMENT AVEC DES MODULATEURS DE LA LEUCOTRIENE A4 HYDROLASE**
[72] CAMPBELL, MEGHAN KERRISK, US
[72] CZIRR, EVA, US
[72] SZOKE, BALAZS, US
[71] ALKAHEST, INC., US
[85] 2020-10-13
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[25] EN
[54] **DEPLOYABLE FLIGHT DATA RECORDER WITH DATA RECOVERY AND METHOD**
[54] **ENREGISTREUR DE DONNEES DE VOL DEPLOYABLE A RECUPERATION DE DONNEES ET PROCEDE**
[72] MASSA, MASSIMO, AU
[71] MASSA, MASSIMO, AU
[85] 2020-10-14
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[25] FR
[54] **CATHETER, INFLATABLE BALLOON FOR A CATHETER**
[54] **CATHETER, BALLON GONFLABLE POUR CATHETHER**
[72] DERVAL, NICOLAS, FR
[72] JAIS, PIERRE, FR
[72] DENIS, ARNAUD, FR
[72] PAMBRUN, THOMAS, FR
[72] DUCHATEAU, JOSSELIN, FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE DE BORDEAUX, FR
[71] FONDATION BORDEAUX UNIVERSITE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE - INSERM, FR
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[25] EN
[54] **COMBINATION COMPRISING HDAC INHIBITOR, LAG-3 INHIBITOR AND A PD-1 INHIBITOR OR PD-L1 INHIBITOR FOR CANCER TREATMENT**
[54] **COMBINAISON COMPRENANT UN INHIBITEUR DE HDAC, UN INHIBITEUR DE LAG-3 ET UN INHIBITEUR DE PD-1 OU UN INHIBITEUR DE PD-L1 POUR LE TRAITEMENT DU CANCER**
[72] BARTZ, RENE, DE
[72] HERMANN, FRANK, DE
[71] 4SC AG, DE
[85] 2020-10-14
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[54] **RESEAU DE NANOPORES COMPRENANT DES CONNECTEURS D'ELECTRODE PROTEGES CONTRE UNE DECHARGE ELECTROSTATIQUE**
[72] WATERMAN, DAVID, GB
[71] OXFORD NANOPORE TECHNOLOGIES LTD, GB
[85] 2020-10-14
[86] 2019-05-08 (PCT/GB2019/051262)
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[25] EN
[54] **FITTING FOR SECURING A WALL-MOUNTED FURNITURE PIECE TO A WALL, AND WALL-MOUNTED FURNITURE PIECE**
[54] **FERRURE DE FIXATION D'UN MEUBLE SUSPENDU A UN MUR ET MEUBLE SUSPENDU**
[72] KNICKER, HENRIK, DE
[72] TENHUMBERG, STEFFEN, DE
[71] PAUL HETTICH GMBH & CO. KG, DE
[85] 2020-10-14
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[54] **COMPOSITIONS AND METHODS FOR INTRANASAL DELIVERY OF PREGNENOLONE**
[54] **COMPOSITIONS ET METHODES D'ADMINISTRATION INTRANASALE DE PREGNENOLONE**
[72] MATTERN, CLAUDIA, CH
[71] M ET P PHARMA AG, CH
[85] 2020-10-14
[86] 2019-04-16 (PCT/IB2019/053132)
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[25] EN
[54] **APPARATUS, SYSTEM, AND METHOD FOR FILLING A CHAMBERED PACKAGE**
[54] **APPAREIL, SYSTEME ET PROCEDE POUR REMPLIR UN EMBALLAGE A CHAMBRES**
[72] JOHNSON, THOMAS, US
[72] HENRY, CARL, US
[72] WHARTON, JONATHAN, US
[72] ROMAN, EDDIE A., US
[71] CHURCH & DWIGHT CO., INC., US
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[54] **MOTEUR DE VERIFICATION DE DOCUMENT ET D'ENTITE DECENTRALISE**
[72] GUPTA, VISHAL, IN
[71] GUPTA, VISHAL, IN
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[86] 2019-04-19 (PCT/IB2019/053263)
[87] (WO2019/202563)
[30] IN (201811015112) 2018-04-20
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[54] **FOOT CONTROLLED CURSOR**
[54] **CURSEUR A COMMANDE PAR PIED**
[72] RAPOPORT, TOBIAS JURA, DE
[71] ALCON INC., CH
[85] 2020-10-14
[86] 2019-05-10 (PCT/IB2019/053883)
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[30] US (62/672,347) 2018-05-16

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[25] EN
[54] **GEOCOMPOSITE AND METHOD FOR THE PRODUCTION THEREOF**
[54] **GEOCOMPOSITE ET SON PROCEDE DE PRODUCTION**
[72] FERRAIOLO, FRANCESCO, IT
[71] OFFICINE MACCAFERRI S.P.A., IT
[85] 2020-10-14
[86] 2019-05-23 (PCT/IB2019/054271)
[87] (WO2019/224763)
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[51] **Int.Cl. E06B 9/24 (2006.01) G02B 26/08 (2006.01)**
[25] EN
[54] **ELECTRIC POTENTIALLY-DRIVEN SHADE WITH IMPROVED COIL STRENGTH, METHODS OF MAKING THE SAME AND METHOD OF OPERATING THE SAME**
[54] **STORE ELECTRIQUE COMMANDE PAR POTENTIEL A ENROULEMENT AMELIORE, PROCEDES DE FABRICATION DUDIT STORE ET SON PROCEDE DE FONCTIONNEMENT**
[72] BLUSH, JASON, US
[72] VANDAL, ROBERT, US
[71] GUARDIAN GLASS, LLC, US
[85] 2020-10-14
[86] 2019-07-05 (PCT/IB2019/055766)
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[30] US (16/028,502) 2018-07-06

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[51] **Int.Cl. E06B 9/24 (2006.01)**
[25] EN
[54] **ELECTRIC POTENTIALLY-DRIVEN SHADE INCLUDING SHUTTER SUPPORTING SURFACE-MODIFIED CONDUCTIVE COATING, METHODS OF MAKING THE SAME AND METHOD OF OPERATING THE SAME**
[54] **STORE ENTRAINE PAR POTENTIEL ELECTRIQUE, DOTE D'UN VOLET POSSEDANT UN REVETEMENT CONDUCTEUR MODIFIE EN SURFACE, SON PROCEDE DE FABRICATION ET SON PROCEDE DE FONCTIONNEMENT**
[72] BLUSH, JASON, US
[72] FREY, TIMOTHY, US
[72] KRASNOV, ALEXEY, US
[71] GUARDIAN GLASS, LLC, US
[85] 2020-10-14
[86] 2019-07-05 (PCT/IB2019/055768)
[87] (WO2020/008440)
[30] US (16/028,511) 2018-07-06

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[51] **Int.Cl. B01J 10/02 (2006.01) B01D 53/18 (2006.01) F28F 25/02 (2006.01)**
[25] EN
[54] **GAS-LIQUID CONTACT APPARATUS**
[54] **DISPOSITIF DE CONTACT GAZ-LIQUIDE**
[72] NAKAMURA, SHIKO, JP
[72] ISO, YOSHIYUKI, JP
[72] TAKANO, KENJI, JP
[72] OKUNO, SHINYA, JP
[72] IKEDA, RYOSUKE, JP
[72] OKUHARA, HIROHITO, JP
[71] IHI CORPORATION, JP
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[51] **Int.Cl. C09J 167/04 (2006.01) C09J 11/06 (2006.01) C09K 15/08 (2006.01) C09K 15/32 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING POLYLACTIC ACID-BASED HOT MELT ADHESIVE**
[54] **PROCEDE DE PRODUCTION D'ADHESIF THERMOFUSIBLE A BASE DE POLY(ACIDE LACTIQUE)**
[72] HARADA, KOUTAROU, JP
[72] YAMAMATSU, TAKEYUKI, JP
[72] YAMAMATSU, TOSHIAKI, JP
[71] BP CONSULTING, INC., JP
[85] 2020-10-15
[86] 2019-04-05 (PCT/JP2019/015128)
[87] (WO2019/220806)
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[25] EN
[54] **INSECTICIDAL POLYPEPTIDES AND USE THEREOF**
[54] **POLYPEPTIDES INSECTICIDES ET LEUR UTILISATION**
[72] ROTEM, OR, IL
[72] ELBAZ, MOSHE, IL
[72] SIMOVITCH ETKES, MICHAL, IL
[72] MEIHLS, LISA N., US
[72] BEN NAIM, NOAM, IL
[72] GHOSH, DHRITIMAN, US
[71] EVOGENE LTD., IL
[85] 2020-10-14
[86] 2019-05-02 (PCT/IL2019/050488)
[87] (WO2019/211850)
[30] US (62/666,138) 2018-05-03

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[51] **Int.Cl. F16J 9/16 (2006.01) F04B 39/00 (2006.01) F16J 9/06 (2006.01)**
[25] EN
[54] **PISTON RING AND COMPRESSOR**
[54] **SEGMENT DE PISTON ET COMPRESSEUR**
[72] KANEI, NAOFUMI, JP
[72] OTSUKA, TOMOHIRO, JP
[72] ITO, HIROTAKA, JP
[72] NII, HIROAKI, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2020-10-14
[86] 2019-04-08 (PCT/JP2019/015250)
[87] (WO2019/208182)
[30] JP (2018-087262) 2018-04-27

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[51] **Int.Cl. C07K 16/00 (2006.01) A61K 47/68 (2017.01) A61K 47/69 (2017.01) A61K 39/395 (2006.01) A61K 51/10 (2006.01) C07D 257/02 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **MODIFIED ANTIBODY AND RADIOACTIVE METAL-LABELLED ANTIBODY**
[54] **ANTICORPS MODIFIE ET ANTICORPS MARQUE PAR UN METAL RADIOACTIF**
[72] KOMOTO, SHOTA, JP
[72] OGAWA, YU, JP
[72] SHOYAMA, YOSHINARI, JP
[72] HATANO, TADASHI, JP
[72] ITO, YUJI, JP
[72] ARANO, YASUSHI, JP
[72] SUZUKI, HIROYUKI, JP
[72] UEHARA, TOMOYA, JP
[71] NIHON MEDI-PHYSICS CO., LTD., JP
[71] NATIONAL UNIVERSITY CORPORATION KAGOSHIMA UNIVERSITY, JP
[71] NATIONAL UNIVERSITY CORPORATION CHIBA UNIVERSITY, JP
[85] 2020-10-14
[86] 2019-04-15 (PCT/JP2019/016156)
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[30] JP (2018-078487) 2018-04-16

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[51] **Int.Cl. B64G 1/66 (2006.01)**
[25] EN
[54] **SAMPLING METHOD AND SAMPLING SYSTEM**
[54] **PROCEDE D'ECHANTILLONNAGE ET SYSTEME D'ECHANTILLONNAGE**
[72] SAKAMOTO, FUMINOBU, JP
[72] KUROSE, TOYOTOSHI, JP
[71] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
[85] 2020-10-14
[86] 2019-05-08 (PCT/JP2019/018356)
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[51] **Int.Cl. A61J 3/00 (2006.01) B65B 1/30 (2006.01)**
[25] EN
[54] **MEDICINE LOADING DEVICE AND MEDICINE RECOVERY METHOD**
[54] **DISPOSITIF DE CHARGE DE MEDICAMENT ET PROCEDE DE RECUPERATION DE MEDICAMENT**
[72] YUYAMA, HIROYUKI, JP
[71] YUYAMA MFG. CO., LTD., JP
[85] 2020-10-14
[86] 2019-08-20 (PCT/JP2019/032465)
[87] (WO2020/045169)
[30] JP (2018-159036) 2018-08-28

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[51] **Int.Cl. C12N 9/96 (2006.01) C12N 9/52 (2006.01) C12N 9/64 (2006.01)**
[25] EN
[54] **PROTEIN MACROCYCLIZATION**
[54] **MACROCYCLISATION DE PROTEINES**
[72] GROSSMANN, TOM NORBERT, NL
[72] PELAY GIMENO, MARTA, NL
[72] HENNIG, SVEN, NL
[72] NEUBACHER, SASKIA ANTONIE, NL
[71] STICHTING VU, NL
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[86] 2019-04-18 (PCT/NL2019/050229)
[87] (WO2019/203645)
[30] EP (18168298.0) 2018-04-19

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[51] **Int.Cl. A61B 5/15 (2006.01) A61B 5/153 (2006.01)**
[25] EN
[54] **BIOLOGICAL FLUID COLLECTION SYSTEM**
[54] **SYSTEME DE COLLECTE DE FLUIDE BIOLOGIQUE**
[72] IVOSEVIC, MILAN, US
[72] EDELHAUSER, ADAM, US
[72] TORRIS, ANTHONY V., US
[72] WILKINSON, BRADLEY M., US
[72] CRAWFORD, JAMIESON W., SE
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2020-10-13
[86] 2019-04-12 (PCT/US2019/027212)
[87] (WO2019/204147)
[30] US (62/658,737) 2018-04-17

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[25] EN
[54] **MODIFIED MITOCHONDRIA AND USE THEREOF**
[54] **MITOCHONDRIES MODIFIEE ET UTILISATION ASSOCIEE**
[72] HAN, KYUBOEM, KR
[72] KIM, CHUN-HYUNG, KR
[72] KIM, YU JIN, KR
[72] YU, SHIN-HYE, KR
[72] KIM, NAYOUNG, KR
[72] KIM, MI JIN, KR
[72] CHOI, YONG-SOO, KR
[72] LEE, SEO EUN, KR
[71] PAEAN BIOTECHNOLOGY INC., KR
[85] 2020-10-14
[86] 2019-04-25 (PCT/KR2019/005020)
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[30] KR (10-2018-0048486) 2018-04-26

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[51] **Int.Cl. A61K 8/34 (2006.01) A01N 31/00 (2006.01) A01N 31/02 (2006.01) B01J 21/00 (2006.01) C07C 5/00 (2006.01) C07C 11/107 (2006.01) C10G 3/00 (2006.01)**
[25] EN
[54] **NATURAL 1,2-ALKANEDIOLS, COMPOSITIONS HAVING NATURAL 1,2-ALKANEDIOLS AND PROCESSES FOR MAKING THE SAME**
[54] **1,2-ALCANEDIOLS NATURELS, COMPOSITIONS COMPORTANT DES 1,2-ALCANEDIOLS NATURELS ET LEURS PROCEDES DE PREPARATION**
[72] BURGO, ROCCO V., US
[72] WRIGHT, MICHAEL E., US
[72] MOSSER, GARY B., US
[72] FEVOLA, MICHAEL J., US
[71] INOLEX INVESTMENT CORPORATION, US
[85] 2020-10-14
[86] 2019-01-30 (PCT/US2019/015928)
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[30] US (62/623,985) 2018-01-30

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[51] **Int.Cl. A01N 47/44 (2006.01)**
[25] EN
[54] **SURFACE, AIR, TEXTILE, PAINT, PLASTIC, SILICONE AND WOOD, POLYETHYLENE; METAL AND DERIVATIVES ANTIMICROBIAL PROPERTIES**
[54] **SURFACE, AIR, TEXTILE, PEINTURE, PLASTIQUE, SILICONE ET BOIS, POLYETHYLENE; PROPRIETES ANTIMICROBIENNES DE METAL ET DE DERIVES**
[72] UCAR, DILEK, TR
[71] UCAR HEALTH GMBH, DE
[85] 2020-10-14
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[54] **VIRTUAL ASSET TAGGING AND AUGMENTED CAMERA DISPLAY SYSTEM AND METHOD OF USE**
[54] **SYSTEME D'ETIQUETAGE D'ACTIF VIRTUEL ET D'AFFICHAGE DE CAMERA AUGMENTE, ET PROCEDE D'UTILISATION**
[72] MELCHER, MICHAEL, US
[72] MELCHER, PETER, US
[72] BATEMAN, KYLE, US
[71] LAPPIDUS, INC, US
[85] 2020-10-14
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[30] US (62/636,912) 2018-03-01

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[54] **FLEXIBLE PRINTED CIRCUITS FOR DERMAL APPLICATIONS**
[54] **CIRCUITS IMPRIMES FLEXIBLES POUR APPLICATIONS DERMIQUES**
[72] EDMUNDSON, MARK D., US
[72] GASSLER, PAUL D., US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2020-10-14
[86] 2018-05-08 (PCT/US2018/031546)
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[54] **FLEXIBLE AND STRETCHABLE PRINTED CIRCUITS ON STRETCHABLE SUBSTRATES**
[54] **CIRCUITS IMPRIMES SOUPLES ET ETIRABLES SUR DES SUBSTRATS ETIRABLES**
[72] EDMUNDSON, MARK D., US
[72] GASSLER, PAUL D., US
[71] W. L. GORE & ASSOCIATES, INC., US
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[54] **METHODS AND SYSTEMS FOR PULSE ASSOCIATION OF AGILE EMITTERS**
[54] **PROCEDES ET SYSTEMES POUR L'ASSOCIATION D'IMPULSIONS D'EMETTEURS AGILES**
[72] ROBINSON, IAN S., US
[72] TSUNODA, STANLEY I., US
[72] FLANDERS, BRADLEY A., US
[71] RAYTHEON COMPANY, US
[85] 2020-10-14
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[51] **Int.Cl. C12N 15/81 (2006.01) C07H 21/04 (2006.01) C12N 1/15 (2006.01) C12N 1/18 (2006.01) C12N 15/09 (2006.01) C12N 15/90 (2006.01)**
[25] EN
[54] **METHODS OF DETECTING AMINO ACID DEFICIENCIES**
[54] **PROCEDES DE DETECTION DE DEFICIENCES EN ACIDES AMINES**
[72] SIRR, AMY, US
[72] SCOTT, ADRIAN C., US
[72] DUDLEY, AIMEE M., US
[71] PACIFIC NORTHWEST RESEARCH INSTITUTE, US
[85] 2020-10-14
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[54] **PALLETIZER APPARATUS HAVING IMPROVED GRIPPER MECHANISM**
[54] **APPAREIL DE PALETTISATION AYANT UN MECANISME DE PREHENSION AMELIORE**
[72] KLAASSEN, PETER A., NL
[72] ZEGERS, WILLEM, NL
[71] HUDSON-SHARP MACHINE COMPANY, US
[85] 2020-10-14
[86] 2018-11-29 (PCT/US2018/062947)
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[51] **Int.Cl. G06K 9/00 (2006.01) G06K 9/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FACILITATING THROUGHPUT USING FACIAL RECOGNITION**
[54] **SYSTEME ET PROCEDE DESTINES A FACILITER UN DEBIT EN UTILISANT UNE RECONNAISSANCE FACIALE**
[72] ALVIN, ANDREW ALEXANDER, US
[72] JORDAN, PRESTON TYLER, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2020-10-14
[86] 2019-03-01 (PCT/US2019/020400)
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[25] EN
[54] **APPARATUS AND METHODS FOR COORDINATED DELIVERY OF MULTIPLE DATA CHANNELS OVER PHYSICAL MEDIUM**
[54] **APPAREIL ET PROCEDES POUR UNE DISTRIBUTION COORDONNEE DE CANAUX DE DONNEES MULTIPLES SUR UN SUPPORT PHYSIQUE**
[72] DAS, PRATIK, US
[71] CHARTER COMMUNICATIONS OPERATING, LLC, US
[85] 2020-10-14
[86] 2019-04-16 (PCT/US2019/027721)
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[54] **SMART CART FOR A DIALYSIS MACHINE**
[54] **CHARIOT INTELLIGENT POUR HEMODIALYSEUR**
[72] BIEWER, JOHN AARON, US
[72] PLAHEY, KULWINDER S., US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2020-10-14
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[25] EN
[54] **BUFFERED FORMULATIONS OF BEVACIZUMAB FOR USE OF TREATING DISEASES**
[54] **FORMULATIONS TAMPONNEES DE BEVACIZUMAB DESTINEES A ETRE UTILISEES DANS LE TRAITEMENT DE MALADIES**
[72] YONAN, CHRIS, US
[72] DENDAMRONGVIT, WIPHUSANEE, US
[72] HEALY-FRIED, MARTHA, US
[71] OUTLOOK THERAPEUTICS, INC., US
[85] 2020-10-14
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[54] **WATER EXTRACTABLE OPHTHALMIC DEVICES**
[54] **DISPOSITIFS OPHTALMIQUES EXTRACTIBLES A L'EAU**
[72] NUNEZ, IVAN M., US
[72] COULLARD, LYNN, US
[72] MARK, ANALUZ, US
[72] HOTELING, ANDREW J., US
[72] HOFF, JOSEPH W., US
[71] BAUSCH & LOMB INCORPORATED, US
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[25] EN
[54] **FLUID DELIVERY DEVICES, SYSTEMS, AND METHODS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE DISTRIBUTION DE FLUIDE**
[72] HORN, KATHARINA, DE
[72] LOHWIESER, HERIBERT, DE
[72] MUEGGENBORG, BROCK, US
[71] ECOLAB USA INC., US
[85] 2020-10-14
[86] 2019-04-17 (PCT/US2019/027839)
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[25] EN
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[54] **ADAPTATEUR DE SERINGUE AYANT UN ENSEMBLE D'ASPIRATION**
[72] OSHINSKI, MATTHEW, US
[72] RIGHEZ MESQUITA, ANTONIO, US
[71] BECTON DICKINSON AND COMPANY LIMITED, IE
[85] 2020-10-14
[86] 2019-04-11 (PCT/US2019/026946)
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[51] **Int.Cl. A61M 39/10 (2006.01)**
[25] EN
[54] **SYRINGE ADAPTER WITH SECURE CONNECTION**
[54] **ADAPTATEUR DE SERINGUE A RACCORDEMENT SECURISE**
[72] KIM, JAYEON, US
[72] LEE, CHRISTOPHER, US
[71] BECTON DICKINSON AND COMPANY LIMITED, IE
[85] 2020-10-14
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[51] **Int.Cl. G07C 9/00 (2020.01)**
[25] EN
[54] **VISUALIZATION AND MANAGEMENT OF ACCESS LEVELS FOR ACCESS CONTROL BASED ON AL HIERARCHY**
[54] **VISUALISATION ET GESTION DE NIVEAUX D'ACCES POUR UNE COMMANDE D'ACCES BASEE SUR UNE HIERARCHIE AL**
[72] LIANO, BLANCA FLORENTINO, IE
[72] TIWARI, ANKIT, US
[72] POTOCKI, JAKUB, IE
[72] GAUTHIER, ED, US
[72] MARCHIOLI, JOHN, US
[71] CARRIER CORPORATION, US
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[25] EN
[54] **DYE DISPENSING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE COLORANT**
[72] MACEDO, LEILANI M., US
[72] BROWN, CHARLES D., US
[72] MACEDO, JEFFREY F., US
[72] D'ALESSANDRO, STUART, US
[72] MUNZ, CHRISTOPHER, US
[72] PLOETNER, JEFFREY S., US
[71] CLICS, LLC, US
[85] 2020-10-14
[86] 2019-04-17 (PCT/US2019/027989)
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[51] **Int.Cl. A61M 5/315 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **MEDICAL DELIVERY DEVICES WITH INHIBITED OXYGEN PERMEATION**
[54] **DISPOSITIFS D'ADMINISTRATION MEDICALE A PERMEATION D'OXYGENE INHIBEE**
[72] CULLY, EDWARD H., US
[72] GUNZEL, EDWARD C., US
[72] SCOTTI, CHRISTINE M., US
[71] W. L. GORE & ASSOCIATES, INC., US
[85] 2020-10-14
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[51] **Int.Cl. C08L 23/06 (2006.01) C08K 5/02 (2006.01) C08L 23/08 (2006.01)**
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[54] **ARTICLES MOULES**
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[72] LIN, YIJIAN, US
[72] PANGBURN, TODD O., US
[72] ATHREYA, SIDDHARTH RAM, US
[72] NUNEZ, LAURA, US
[72] SUGDEN, JOHN L., US
[72] HOGAN, TODD A., US
[72] HEITSCH, ANDREW, US
[72] GILLESPIE, DAVID T., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2020-10-14
[86] 2019-04-12 (PCT/US2019/027230)
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[51] **Int.Cl. A61K 38/17 (2006.01) A61P 9/10 (2006.01) A61P 17/02 (2006.01)**
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[54] **METHOD FOR TREATING ISCHEMIC TISSUE**
[54] **PROCEDE DE TRAITEMENT DE TISSU ISCHEMIQUE**
[72] VELAZQUEZ, OMAIDA, US
[72] LIU, ZHAO-JUN, US
[71] UNIVERSITY OF MIAMI, US
[85] 2020-10-14
[86] 2018-05-02 (PCT/US2018/030615)
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[51] **Int.Cl. E05B 65/02 (2006.01) E05B 63/12 (2006.01)**
[25] EN
[54] **LOCKING WEDGE FOR STORAGE DOOR**
[54] **COIN DE BLOCAGE POUR PORTE DE STOCKAGE**
[72] ROBILLARD, SCOTT ALAN, US
[72] SCHROEDER, CURTIS L., US
[71] JANUS INTERNATIONAL GROUP, LLC, US
[85] 2020-10-14
[86] 2019-04-18 (PCT/US2019/028070)
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[30] US (62/660,710) 2018-04-20

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[13] A1
[51] **Int.Cl. H04L 9/00 (2006.01)**
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[54] **ENABLING CONSTANT PLAINTEXT SPACE IN BOOTSTRAPPING IN FULLY HOMOMORPHIC ENCRYPTION**
[54] **FACILITATION D'ESPACE DE TEXTE EN CLAIR CONSTANT POUR L'AMORCAGE DANS UN CHIFFREMENT ENTIEREMENT HOMOMORPHIQUE**
[72] CHEN, HAO, US
[72] HAN, KYOOHYUNG, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2020-10-14
[86] 2019-04-12 (PCT/US2019/027303)
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[30] US (15/965,006) 2018-04-27

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[51] **Int.Cl. A61N 1/36 (2006.01) A61B 5/00 (2006.01) A61N 1/00 (2006.01) A61N 1/02 (2006.01) A61N 1/05 (2006.01) A61N 1/18 (2006.01) A61N 1/372 (2006.01)**
[25] EN
[54] **IMPLANTS USING ULTRASONIC COMMUNICATION FOR MODULATING SPLENIC NERVE ACTIVITY**
[54] **IMPLANTS UTILISANT UNE COMMUNICATION ULTRASONORE POUR MODULER L'ACTIVITE DU NERF SPLENIQUE**
[72] CARMENA, JOSE M., US
[72] MAHARBIZ, MICHEL M., US
[72] NEELY, RYAN, US
[72] KAY, JOSHUA, US
[71] IOTA BIOSCIENCES, INC., US
[85] 2020-10-14
[86] 2019-04-19 (PCT/US2019/028381)
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[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/00 (2006.01) A61N 1/05 (2006.01) A61N 1/18 (2006.01) A61N 1/372 (2006.01)**
[25] EN
[54] **NERVE BLOCK BY ELECTRICAL PULSES AT SUB-THRESHOLD INTENSITY**
[54] **BLOCAGE NERVEUX PAR IMPULSIONS ELECTRIQUES A UNE INTENSITE INFERIEURE A UN SEUIL**
[72] TAI, CHANGFENG, US
[71] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2020-10-14
[86] 2019-04-15 (PCT/US2019/027471)
[87] (WO2019/204198)
[30] US (62/658,147) 2018-04-16

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[51] **Int.Cl. F25J 3/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ENHANCED RECOVERY OF ARGON AND OXYGEN FROM A NITROGEN PRODUCING CRYOGENIC AIR SEPARATION UNIT**
[54] **SYSTEME ET PROCEDE DE RECUPERATION ASSISTEE D'ARGON ET D'OXYGENE A PARTIR D'UNE UNITE DE SEPARATION D'AIR CRYOGENIQUE DE PRODUCTION D'AZOTE**
[72] KROMER, BRIAN R., US
[72] HANDLEY, JAMES R., US
[72] PROSSER, NEIL M., US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2020-10-14
[86] 2019-04-22 (PCT/US2019/028434)
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[30] US (15/962,245) 2018-04-25

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[51] **Int.Cl. A61K 9/16 (2006.01) A61K 31/4545 (2006.01) A61P 7/02 (2006.01)**
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[54] **APIXABAN FORMULATIONS**
[54] **FORMULATIONS D'APIXABAN**
[72] BADAWY, SHERIF IBRAHIM FARAG, US
[72] STEVENS, TIMOTHY D., US
[72] KUNTZ, DANIEL, US
[72] WAYBRANT, BRETT, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[71] PFIZER, INC., US
[85] 2020-10-14
[86] 2019-04-15 (PCT/US2019/027456)
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[51] **Int.Cl. A61K 39/00 (2006.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 14/245 (2006.01) C07K 14/25 (2006.01) C07K 16/32 (2006.01) C12N 9/10 (2006.01) C12N 9/24 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **HER2-TARGETING MOLECULES COMPRISING DE-IMMUNIZED, SHIGA TOXIN A SUBUNIT SCAFFOLDS**
[54] **MOLECULES CIBLANT HER2 COMPRENANT DES MATRICES DE LA SOUS-UNITE A, RENDUE NON IMMUNOGENE, DE LA SHIGATOXINE**
[72] POMA, ERIC, US
[72] WILLERT, ERIN, US
[71] MOLECULAR TEMPLATES, INC., US
[85] 2020-10-14
[86] 2019-04-16 (PCT/US2019/027627)
[87] (WO2019/204272)
[30] US (62/659,116) 2018-04-17

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[25] EN
[54] **SYSTEM AND METHOD FOR ENHANCED RECOVERY OF ARGON AND OXYGEN FROM A NITROGEN PRODUCING CRYOGENIC AIR SEPARATION UNIT**
[54] **SYSTEME ET PROCEDE DE RECUPERATION ASSISTEE D'ARGON ET D'OXYGENE A PARTIR D'UNE UNITE DE SEPARATION D'AIR CRYOGENIQUE DE PRODUCTION D'AZOTE**
[72] HANDLEY, JAMES R., US
[72] PROSSER, NEIL M., US
[72] KROMER, BRIAN R., US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2020-10-14
[86] 2019-04-22 (PCT/US2019/028437)
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[51] **Int.Cl. F25J 3/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR HIGH RECOVERY OF NITROGEN AND ARGON FROM A MODERATE PRESSURE CRYOGENIC AIR SEPARATION UNIT**
[54] **SYSTEME ET PROCEDE DE RECUPERATION ELEVEE D'AZOTE ET D'ARGON A PARTIR D'UNE UNITE DE SEPARATION D'AIR CRYOGENIQUE A PRESSION MODEREE**
[72] PROSSER, NEIL M., US
[72] HANDLEY, JAMES R., US
[72] KROMER, BRIAN R., US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2020-10-14
[86] 2019-04-22 (PCT/US2019/028438)
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[51] **Int.Cl. A61B 8/06 (2006.01) A61H 1/02 (2006.01)**
[25] EN
[54] **COMPUTER-SUPPORTED INTRANEURAL FACILITATION FOR VASCULAR CHANGES**
[54] **FACILITATION INTRANEURALE ASSISTEE PAR ORDINATEUR POUR CHANGEMENTS VASCULAIRES**
[72] BUSSELL, MARK, US
[71] LOMA LINDA UNIVERSITY, US
[85] 2020-10-14
[86] 2019-04-23 (PCT/US2019/028593)
[87] (WO2019/209754)
[30] US (62/661,568) 2018-04-23

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[25] EN
[54] **TACTILE SENSING AND NEEDLE GUIDANCE DEVICE**
[54] **DISPOSITIF DE DETECTION TACTILE ET DE GUIDAGE D'AIGUILLE**
[72] MOSKOWITZ, NICOLE C., US
[72] TRAVER, JESSICA, US
[72] GARCIA-ROJAS, XAVIER, US
[72] GANJEH, YASHAR, US
[72] CRUZ, MATTHEW, US
[72] PLUMB, JONATHAN RAE, US
[72] LOWE, JACK ALEXANDER, US
[72] JONES, ALEXANDER KEITH GOMER PRATTEN, US
[71] INTUITAP MEDICAL, INC., US
[85] 2020-04-21
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[30] US (62/578,147) 2017-10-27
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[54] **ENSEMBLE TAMIS EN PAPIER DE STUC**
[72] WALKER, BLAIR, CA
[72] STEWART, ERIN, CA
[71] UNITED STATES GYPSUM COMPANY, US
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[86] 2018-11-13 (PCT/US2018/060588)
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[54] **A HANDHELD TOOL**
[54] **OUTIL PORTATIF**
[72] LEE, KAR YIN, SG
[71] GENIIQ PTE. LTD., SG
[85] 2020-10-09
[86] 2019-04-17 (PCT/IB2019/053169)
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[30] SG (10201803205P) 2018-04-17
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[54] **POSITIONNEUR DE MEMOIRE PROGRAMMABLE ET SYSTEME D'ETALONNAGE POUR OUTIL DE SERTISSAGE ET PROCEDES ASSOCIES**
[72] KELLY, WILLIAM DAVID, US
[72] BACS, JR., ARON, US
[72] SIMMONS, WALT, US
[71] DANIELS MANUFACTURING CORPORATION, US
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[54] **PROCESS TO CONVERT REDUCED SULFUR SPECIES AND WATER INTO HYDROGEN AND SULFURIC ACID**
[54] **PROCEDE DE CONVERSION D'ESPECES DE SOUFRE REDUIT ET D'EAU EN HYDROGENE ET EN ACIDE SULFURIQUE**
[72] FINKE, CODY E., US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
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[54] **TETRABENAZINE TRANSDERMAL DELIVERY DEVICE**
[54] **DISPOSITIF D'ADMINISTRATION TRANSDERMIQUE DE TETRABENAZINE**
[72] BORSADIA, SURESH, US
[72] PATEL, KALPANA, US
[72] TAN, HOCK S., US
[71] SHINKEI THERAPEUTICS LLC, US
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[54] **PACING FOR ASSET DELIVERY IN A COMMUNICATIONS NETWORK**
[54] **CADENCE DE DISTRIBUTION D'ACTIF DANS UN RESEAU DE COMMUNICATION**
[72] BALLANTYNE, DAVID, CA
[72] SADEGHI, SAMIRA, CA
[72] HAGGLUND, DALE, CA
[72] WILSON, DANIEL, CA
[71] INVIDI TECHNOLOGIES CORPORATION, US
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[54] **PROCEDES DE MESURE DE LA PUISSANCE DE VECTEURS VIRAUX AADC**
[72] DROUIN, LAUREN M., US
[72] STARREMANS, PATRICK, US
[72] HOROWITZ, ERIC D., US
[72] CIATTO, CARLO, US
[72] MOMBELEUR, JOSEPH, US
[71] VOYAGER THERAPEUTICS, INC., US
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[54] **ANTI-DLL3 ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-DLL3 ET LEURS UTILISATIONS**
[72] WANG, MINGHAN, US
[72] ZOU, HUI, US
[72] JIA, HAIQUN, US
[71] PHANES THERAPEUTICS, INC., US
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[25] EN
[54] **METHODS OF ISOLATING ALLERGEN-SPECIFIC ANTIBODIES FROM HUMANS AND USES THEREOF**
[54] **PROCEDES D'ISOLEMENT D'ANTICORPS SPECIFIQUES A DES ALLERGENES ISSUS D'ETRES HUMAINS ET LEURS UTILISATIONS**
[72] CROOTE, DEREK, US
[72] QUAKE, STEPHEN R., US
[72] NADEAU, KARI, US
[72] DARMANIS, SPYROS, US
[72] CORNFIELD, DAVID N., US
[71] CHAN ZUCKERBERG BIOHUB, INC., US
[71] BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[54] **TANGENTIAL FLOW FILTRATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE FILTRATION A ECOULEMENT TANGENTIELLE**
[72] BRANSBY, MICHAEL, US
[72] CARROLL, DEREK, US
[72] YUEN, PHILIP, US
[72] KURIYEL, RALF, US
[71] REPLIGEN CORPORATION, US
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[54] **PROTEINES DE LEVURES**
[72] MENIN, RUDY, FR
[72] SPOLAORE, PAULINE, FR
[72] MOULY, ISABELLE, FR
[71] LESAFFRE ET COMPAGNIE, FR
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[54] **AN IMPROVED LOW-POWER MASS INTERROGATION SYSTEM AND ASSAY FOR DETERMINING VITAMIN D LEVELS**
[54] **SYSTEME AMELIORE D'INTERROGATION DE MASSE A FAIBLE PUISSANCE ET DOSAGE PERMETTANT DE DETERMINER DES TAUX DE VITAMINE D**
[72] CHRISTIAN, NOAH PETER, US
[71] LEIDOS, INC., US
[85] 2020-10-14
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[54] **ANTI-SEZ6 ANTIBODY DRUG CONJUGATES AND METHODS OF USE**
[54] **CONJUGUES ANTICORPS ANTI-SEZ6-MEDICAMENTS ET PROCEDES D'UTILISATION**
[72] LIU, DAVID, US
[72] GAVRILYUK, JULIA, US
[72] SCHAMMEL, ALEXANDER, US
[71] ABBVIE STEMCENTRX LLC, US
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[54] **CONTAINER FOR GRINDING MATERIALS**
[54] **CONTENANT DESTINE AU BROYAGE DE MATERIAUX**
[72] ABEHASERA, BENYAMIN, US
[71] TRI INNOVATIONS LLC, US
[85] 2020-10-14
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[54] **A CODEC FOR PROCESSING SCENES OF ALMOST UNLIMITED DETAIL**
[54] **CODEC POUR TRAITER DES SCENES DE DETAIL PRESQUE ILLIMITE**
[72] ACKERSON, DAVID SCOTT, US
[72] MEAGHER, DONALD J., US
[72] LEFFINGWELL, JOHN K., US
[71] QUIDIENT, LLC, US
[85] 2020-10-14
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[54] **SELF-RIGHTING TRIMARAN**
[54] **TRIMARAN A REDRESSEMENT AUTOMATIQUE**
[72] ANGUS, COLIN SINCLAIR, CA
[72] ANGUS, JULIE RACHEL, CA
[71] OPEN OCEAN ROBOTICS INC., CA
[85] 2020-10-15
[86] 2019-04-16 (PCT/CA2019/050472)
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[54] **VAPORIZATION APPARATUS**
[54] **APPAREIL DE VAPORISATION**
[72] DAVIES, LAURENCE, CA
[71] TINMAN INC., US
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[54] **METHODS AND COMPOSITIONS FOR HOMOLOGY DIRECTED REPAIR OF DOUBLE STRAND BREAKS IN PLANT CELL GENOMES**
[54] **METHODES ET COMPOSITIONS DESTINES A LA REPARATION PAR RECOMBINAISON HOMOLOGUE DIRIGEE DES CASSURES DOUBLE BRIN DES GENOMES DE CELLULES VEGETALES**
[72] ANAND, AJITH, US
[72] GORDON-KAMM, WILLIAM JAMES, US
[72] KUMAR, SANDEEP, US
[72] LIU, ZHAN-BIN, US
[72] SVITASHEV, SERGEI, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2020-10-14
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[25] EN
[54] **INTRACELLULAR KINASE ASSOCIATED WITH RESISTANCE AGAINST ANTI-TUMOUR IMMUNE RESPONSES, AND USES THEREOF**
[54] **KINASE INTRACELLULAIRE ASSOCIEE A UNE RESISTANCE CONTRE LES REPONSES IMMUNITAIRES ANTITUMORALES, ET SES UTILISATIONS**
[72] SORRENTINO, ANTONIO, DE
[72] BECKHOVE, PHILIPP, DE
[72] MICHELS, TILLMANN, DE
[72] KHANDELWAL, NISIT, DE
[72] BOUTROS, MICHAEL, DE
[72] BREINIG, MARCO, DE
[72] SENNHENN, PETER, DE
[72] MEIER-EWERT, SEBASTIAN, DE
[72] VOLPIN, VALENTINA, DE
[72] MENEVSE, AYSE, DE
[71] IOMX THERAPEUTICS AG, DE
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[25] EN
[54] **FLEXIBLE AND DURABLE PRINTED CIRCUITS ON STRETCHABLE AND NON-STRETCHABLE SUBSTRATES**
[54] **CIRCUITS IMPRIMES SOUPLES ET DURABLES SUR DES SUBSTRATS ETIRABLES ET NON ETIRABLES**
[72] EDMUNDSON, MARK D., US
[72] GASSLER, PAUL, D., US
[72] SKAIFE, JUSTIN J., US
[72] ZERO, SCOTT J., US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2020-10-14
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[30] US (62/668,453) 2018-05-08

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[51] **Int.Cl. C07D 213/81 (2006.01)**
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[54] **PROCESS FOR PREPARING 2-[[5-(3-CHLOROPHENYL)-3-HYDROXYPYRIDINE-2-CARBONYL]AMINO]ACETIC ACID**
[54] **PROCEDE DE PREPARATION D'ACIDE 2-[[5-(3-CHLOROPHENYL)-3-HYDROXYPYRIDINE-2-CARBONYL] AMINO]ACETIQUE**
[72] GORIN, BORIS I., US
[72] LANTHIER, CHRISTOPHER M., US
[72] LUONG, ANNE BUU CHAU, US
[72] COPP, JAMES DENSMORE, US
[72] GONZALEZ, JAVIER, US
[71] AKEBIA THERAPEUTICS, INC., US
[85] 2020-10-14
[86] 2019-05-08 (PCT/US2019/031310)
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[54] **PARCEL SORTING SYSTEM, METHOD AND A CONTAINER THEREFOR**
[54] **SYSTEME, PROCEDE ET CONTENEUR DE TRI DE COLIS**
[72] LINDBO, LARS SVERKER TURE, GB
[72] INGRAM-TEDD, ANDREW JOHN, GB
[71] OCADO INNOVATION LIMITED, GB
[85] 2020-10-15
[86] 2019-03-15 (PCT/EP2019/056619)
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[30] GB (1804198.8) 2018-03-15

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[54] **ORAL CARE COMPOSITIONS COMPRISING FLUORIDE IONS**
[54] **COMPOSITIONS DE SOINS BUCCO-DENTAIRES COMPRENANT DES IONS FLUORURE**
[72] BAIG, ARIF ALI, US
[72] GORDON, GREGORY CHARLES, US
[72] MAO, MIN, US
[72] PAYNE, MELISSA CHERIE, US
[72] RAUCKHORST, HOLLY BALASUBRAMANIAN, US
[72] SAGEL, PAUL ALBERT, US
[72] SWARTZ, JEANETTE MARIE, US
[72] TROKHAN, PAUL DENNIS, US
[72] CROLL, BRIAN PATRICK, US
[72] NYANGIRO, DINAH ACHOLA, US
[72] ST. JOHN, SAMUEL, JAMES, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2020-10-14
[86] 2019-05-14 (PCT/US2019/032126)
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[30] US (62/671,083) 2018-05-14
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[30] US (62/671,078) 2018-05-14

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[54] **MULTITASK LEARNING AS QUESTION ANSWERING**
[54] **APPRENTISSAGE MULTITACHE SOUS FORME DE REPONSES A DES QUESTIONS**
[72] MCCANN, BRYAN, US
[72] KESKAR, NITISH SHIRISH, US
[72] XIONG, CAIMING, US
[72] SOCHER, RICHARD, US
[71] SALESFORCE.COM, INC., US
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[86] 2019-05-14 (PCT/US2019/032207)
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[30] US (62/673,606) 2018-05-18
[30] US (16/006,691) 2018-06-12

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[51] **Int.Cl. B65G 1/04 (2006.01) B65G 1/137 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PICKING ITEMS**
[54] **SYSTEME ET PROCEDE DE PRELEVEMENT D'ARTICLES**
[72] INGRAM-TEDD, ANDREW JOHN, GB
[72] LINDBO, LARS SVERKER TURE, GB
[71] OCADO INNOVATION LIMITED, GB
[85] 2020-10-15
[86] 2019-04-10 (PCT/EP2019/059157)
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[30] GB (1805917.0) 2018-04-10

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[51] **Int.Cl. G08B 17/107 (2006.01)**
[25] FR
[54] **OPTICAL SMOKE DETECTOR WITH SCATTERED RADIATION**
[54] **DETECTEUR OPTIQUE DE FUMEE A RAYONNEMENT DIFFUSE**
[72] COMETS, OLIVIER, FR
[71] WEMAINTAIN, FR
[85] 2020-10-15
[86] 2019-03-06 (PCT/FR2019/050500)
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[54] **2-METHYL-AZA-QUINAZOLINES**
[72] WORTMANN, LARS, DE
[72] SAUTIER, BRICE, FR
[72] EIS, KNUT, DE
[72] BRIEM, HANS, DE
[72] BOHNKE, NIELS, DE
[72] VON NUSSBAUM, FRANZ, DE
[72] HILIG, ROMAN, DE
[72] BADER, BENJAMIN, DE
[72] SCHRODER, JENS, DE
[72] PETERSEN, KIRSTIN, DE
[72] LIENAU, PHILIP, DE
[72] WENGNER, ANTJE MARGRET, DE
[72] MOOSMAYER, DIETER, DE
[72] WANG, QIUWEN, CN
[72] SCHICK, HANS (DECEASED), DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[71] BAYER HEALTHCARE CHINA, CN
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[30] CN (PCT/CN2018/083496) 2018-04-18

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[25] EN
[54] **PRINTING SYSTEM FOR PRINTING SUBSTRATES, METHOD FOR OPERATING THE PRINTING SYSTEM**
[54] **SYSTEME D'IMPRESSION POUR IMPRIMER DES SUBSTRATS, PROCEDE DE FONCTIONNEMENT DU SYSTEME D'IMPRESSION**
[72] VEGELAHN, TORSTEN, DE
[72] SZEKERESCH, JAKOB, DE
[71] EKRA AUTOMATISIERUNGSSYSTEME GMBH, DE
[85] 2020-10-15
[86] 2019-04-16 (PCT/EP2019/059734)
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[30] DE (10 2018 205 944.6) 2018-04-18

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[25] FR
[54] **SYSTEM AND METHOD FOR DISPLAYING AN AUTO-STEREOSCOPIC IMAGE WITH N VIEW POINTS ON A MOBILE DISPLAY SCREEN**
[54] **SYSTEME ET PROCEDE D'AFFICHAGE D'UNE IMAGE AUTO-STEREOSCOPIQUE A N POINTS DE VUE SUR UN ECRAN D'AFFICHAGE MOBILE**
[72] ALLIO, PIERRE, FR
[72] MAINGREAUD, FLAVIEN, FR
[71] ALIOSCOPY, FR
[85] 2020-10-15
[86] 2019-04-15 (PCT/FR2019/050881)
[87] (WO2019/207235)
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[25] EN
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[54] **SEGMENTATION D'UN RESEAU DE COMMUNICATIONS D'ENTREPRISE**
[72] REALE, RICCARDO, SE
[72] ROVERSO, ROBERTO, SE
[72] BODVILL, JONATAN, SE
[71] HIVE STREAMING AB, SE
[85] 2020-10-15
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[30] SE (1850454-8) 2018-04-19

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[25] EN
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[54] **SYSTEME DE ROBOT ET PROCEDE DE TEST NON DESTRUCTIF**
[72] DE SCHUTTER, JORIS, BE
[71] FLEXIBLE ROBOTIC SOLUTIONS, BE
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[54] **COMPOUNDS AND THEIR USES FOR ALLEVIATING MENOPAUSE-ASSOCIATED SYMPTOMS**
[54] **COMPOSES ET LEURS UTILISATIONS POUR SOULAGER DES SYMPTOMES ASSOCIES A LA MENOPAUSE**
[72] TAZIAUX, MELANIE, BE
[72] RAUSIN, GLWADYS, BE
[72] JOST, MAUD, BE
[72] MAWET, MARIE, BE
[71] ESTETRA SPRL, BE
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[54] **EXERCISE ASSEMBLY FOR A PADDLER**
[54] **ENSEMBLE D'EXERCICE POUR PAGAYEUR**
[72] GALVIN, BRADLEY JOHN BYRON, CA
[71] GALVIN, BRADLEY JOHN BYRON, CA
[85] 2020-10-15
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[25] EN
[54] **PARTICULATE MIXTURE COMPRISING RECYCLED ALUMINIUM SILICATE MATERIAL**
[54] **MELANGE PARTICULAIRE COMPRENANT UN MATERIAU A BASE DE SILICATE D'ALUMINIUM RECYCLE**
[72] SEVERIN, ERIK, PH
[71] VECOR IP HOLDINGS LIMITED, CN
[85] 2020-10-15
[86] 2019-04-16 (PCT/EP2019/059866)
[87] (WO2019/201965)
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[25] EN
[54] **RECYCLED ALUMINIUM SILICATE MATERIAL AND A PARTICULATE MIXTURE COMPRISING RECYCLED ALUMINIUM SILICATE MATERIAL**
[54] **MATERIAU A BASE DE SILICATE D'ALUMINIUM RECYCLE ET MELANGE PARTICULAIRE COMPRENANT UN MATERIAU A BASE DE SILICATE D'ALUMINIUM RECYCLE**
[72] SEVERIN, ERIK, PH
[71] VECOR IP HOLDINGS LIMITED, CN
[85] 2020-10-15
[86] 2019-04-16 (PCT/EP2019/059867)
[87] (WO2019/201966)
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[54] **DATA ACQUISITION DEVICE FOR THE INSTRUMENTATION OF A STRUCTURE**
[54] **DISPOSITIF D'ACQUISITION DE DONNEES POUR L'INSTRUMENTATION D'UNE STRUCTURE**
[72] GUERRERO, GHISLAIN, FR
[72] PINTO, OLIVIER, FR
[71] SAFRAN DATA SYSTEMS, FR
[85] 2020-10-15
[86] 2019-04-19 (PCT/EP2019/060247)
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[25] EN
[54] **PROCEDURE AND INSTALLATION FOR LOADING BOREHOLES WITH BULK WATER-BASED SUSPENSION OR WATERGEL TYPE EXPLOSIVES**
[54] **PROCEDE ET INSTALLATION POUR CHARGER DES TROUS DE FORAGE AVEC UNE SUSPENSION A BASE D'EAU EN VRAC OU DES EXPLOSIFS EN BOUILLIE**
[72] BEITIA GOMEZ DE SEGURA, FERNANDO MARIA, ES
[72] QUINTANA ANGULO, JOSE RAMON, ES
[72] CARRANZA VITORES, ARTURO, ES
[72] LAGUILLO SABAS, MIGUEL RAFAEL, ES
[72] IZAGUIRRE MINGO, ENEKO, ES
[71] MAXAMCORP HOLDING, S.L., ES
[85] 2020-10-15
[86] 2019-04-15 (PCT/EP2019/059654)
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[25] EN
[54] **METHOD FOR ALLEVIATING TOBACCO OR NICOTINE WITHDRAWAL SYMPTOMS**
[54] **PROCEDE POUR SOULAGER DES SYMPTOMES DE SEVRAGE DU TABAC OU DE LA NICOTINE**
[72] FEUZ, BERENGERE, FR
[72] GIRARD, STEPHANIE-ANNE, CA
[71] DANSTAR FERMENT AG, CH
[85] 2020-10-15
[86] 2019-04-17 (PCT/EP2019/059996)
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[25] EN
[54] **HYDROCARBON PRODUCTION**
[54] **PRODUCTION D'HYDROCARBURES**
[72] SCRUTTON, NIGEL, GB
[72] TOOGOOD, HELEN, GB
[72] HOEVEN, ROBIN, GB
[71] C3 BIO-TECHNOLOGIES LIMITED, GB
[85] 2020-10-15
[86] 2019-04-17 (PCT/EP2019/060013)
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS FOR PREVENTION AND/OR TREATMENT OF INFECTIONS AND ANTIBACTERIAL-INDUCED DYSFUNCTIONS**
[54] **COMPOSITIONS PHARMACEUTIQUES POUR LA PREVENTION ET/OU LE TRAITEMENT D'INFECTIONS ET DE DYSFONCTIONNEMENTS INDUITS PAR DES AGENTS ANTIBACTERIENS**
[72] TYPAS, ATHANASIOS, DE
[72] GONTAO BROCHADO, ANA RITA, DE
[72] GOTTIG, STEPHAN, DE
[71] EUROPEAN MOLECULAR BIOLOGY LABORATORY, DE
[85] 2020-10-15
[86] 2019-04-17 (PCT/EP2019/060017)
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[25] EN
[54] **DEVICE FOR COUPLING A CARTRIDGE FOR A LAB-ON-A-CHIP ANALYZER, LAB-ON-A-CHIP ANALYZER, AND METHOD FOR COUPLING A CARTRIDGE FOR A LAB-ON-A-CHIP ANALYZER**
[54] **DISPOSITIF DE COUPLAGE D'UNE CARTOUCHE POUR UN ANALYSEUR DE LABORATOIRE DE PUCES, ANALYSEUR DE LABORATOIRE DE PUCES ET PROCEDE DE COUPLAGE D'UNE CARTOUCHE POUR UN ANALYSEUR DE LABORATOIRE DE PUCES**
[72] RUPP, JOCHEN, DE
[72] CZURRATIS, DANIEL, DE
[72] SEIDL, KARSTEN, DE
[72] JELINEK, THOMAS, DE
[71] ROBERT BOSCH GMBH, DE
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[86] 2019-04-18 (PCT/EP2019/060063)
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[54] **MICROFLUIDIC METHOD FOR SINGLE CELL ANALYSIS**
[54] **PROCEDE MICROFLUIDIQUE POUR ANALYSE DE CELLULE UNIQUE**
[72] GERARD, ANNABELLE PATRICIA VERONIQUE, FR
[72] MENRATH, VERA, FR
[71] HIFIBIO SAS, FR
[85] 2020-10-15
[86] 2019-04-18 (PCT/EP2019/060210)
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[25] EN
[54] **COMPOUNDS AND THEIR USES FOR ALLEVIATING MENOPAUSE-ASSOCIATED SYMPTOMS**
[54] **COMPOSES ET LEURS UTILISATIONS POUR SOULAGER DES SYMPTOMES ASSOCIES A LA MENOPAUSE**
[72] TAZIAUX, MELANIE, BE
[72] RAUSIN, GLWADYS, BE
[72] JOST, MAUD, BE
[72] MAWET, MARIE, BE
[71] ESTETRA SPRL, BE
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[25] EN
[54] **R-FADROZOLE FOR USE IN THE TREATMENT OF ALDOSTONERISM**
[54] **R-FADROZOLE DESTINE A ETRE UTILISE DANS LE TRAITEMENT DE L'ALDOSTERONISME**
[72] STEELE, RONALD EDWARD, US
[72] SCHUMACHER, CHRISTOPH, CH
[71] DAMIAN PHARMA AG, CH
[85] 2020-10-15
[86] 2019-05-02 (PCT/EP2019/061283)
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[54] **APPARATUS AND METHOD FOR EFFICIENT PARALLEL COMPUTATION**
[54] **APPAREIL ET PROCEDE DE CALCUL PARALLELE EFFICACE**
[72] FROHWITTER, BERNHARD, DE
[72] LIPPERT, THOMAS, DE
[71] PARTEC CLUSTER COMPETENCE CENTER GMBH, DE
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[51] **Int.Cl. A61B 18/18 (2006.01)**
[25] EN
[54] **MICROWAVE APPLICATOR FOR UTERINE CERVIX**
[54] **APPLICATEUR DE MICRO-ONDES POUR COL UTERIN**
[72] BEALE, GARY, GB
[72] MCERLEAN, EAMON, GB
[72] KIDD, MATTHEW DONALD, GB
[72] JOSHI, SHAILESH, GB
[71] EMBLATION LIMITED, GB
[85] 2020-10-15
[86] 2019-04-16 (PCT/GB2019/051079)
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[30] GB (1806193.7) 2018-04-16

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[51] **Int.Cl. A24B 15/16 (2020.01) A24F 47/00 (2020.01)**
[25] EN
[54] **DELIVERY VEHICLE**
[54] **VEHICULE DE DISTRIBUTION**
[72] BAILEY, CHELSEA ELIZABETH, GB
[72] DICKENS, COLIN, GB
[72] HEPWORTH, RICHARD, GB
[71] NICOVENTURES TRADING LIMITED, GB
[85] 2020-10-15
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[51] **Int.Cl. E05F 15/73 (2015.01)**
[25] EN
[54] **ENTRANCE SYSTEM**
[54] **SYSTEME D'ENTREE**
[72] DREYER, ROGER, SE
[72] HOMSSI, REBECA, SE
[71] ASSA ABLOY ENTRANCE SYSTEMS AB, SE
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[25] EN
[54] **CORDLESS RETRACTABLE ROLLER SHADE FOR WINDOW COVERINGS**
[54]
[72] SMITH, STEPHEN P., US
[72] SMITH, KENT A., US
[72] RHODES, GALEN B., US
[72] WINTERS, STEPHEN M., US
[72] FALLER, KENNETH M., US
[71] HUNTER DOUGLAS INC., US
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[54] **PROCESSES AND INTERMEDIATES FOR MAKING A JAK INHIBITOR**
[54]
[72] LIU, PINGLI, US
[72] WANG, DENGJIN, US
[72] WU, YONGZHONG, US
[72] CAO, GANFENG, US
[72] XIA, MICHAEL, US
[71] INCYTE HOLDINGS CORPORATION, US
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[51] **Int.Cl. C12P 13/06 (2006.01) C12N 1/21 (2006.01) C12N 9/10 (2006.01) C12N 15/54 (2006.01) C12N 15/67 (2006.01) C12N 15/74 (2006.01)**
[25] EN
[54] **A NOVEL ISOPROPYLMALATE SYNTHASE VARIANT AND A METHOD OF PRODUCING L-LEUCINE USING THE SAME**
[54] **NOUVEAU MUTANT DE L'ISOPROPYLMALATE SYNTHASE ET PROCEDE DE PRODUCTION DE L-LEUCINE FAISANT APPEL A CELUI-CI**
[72] LEE, JI HYE, KR
[72] SONG, BYEONG CHEOL, KR
[72] JEON, AE JI, KR
[72] KIM, JONG HYUN, KR
[72] KIM, HYE WON, KR
[71] CJ CHEILJEDANG CORPORATION, KR
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[54] **SENSOR**
[54]
[72] PATERSON, WILLIAM, GB
[72] BARWELL, NICK, GB
[72] CULBERT, BRUCE, GB
[72] CRANE, BARRY COLIN, GB
[71] BAXTER INTERNATIONAL INC., US
[71] BAXTER HEALTHCARE SA, CH
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[54] **SYSTEM FOR COATING GRANULAR MATERIALS**
[54] **SYSTEME DE REVETEMENT DE MATERIAUX GRANULAIRES**
[72] FORSYTHE, PHILLIP, US
[71] NOUS, LLC, US
[22] 2014-11-11
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[51] **Int.Cl. B60R 9/06 (2006.01) B62D 55/07 (2006.01) B62D 63/04 (2006.01) B62J 9/00 (2020.01) B62J 11/00 (2020.01)**
[25] EN
[54] **JERRY CAN ASSEMBLY AND BAG ASSEMBLY FOR A VEHICLE**
[54]
[72] CHENEVERT, FRANCOIS, CA
[72] LABBE, CHRISTIAN, CA
[72] MERCIER, MATHIEU, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
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[25] EN
[54] **MEDICAL DEVICE INSERTERS AND PROCESSES OF INSERTING AND USING MEDICAL DEVICES**
[54] **APPAREILS D'INSERTION DE DISPOSITIFS MEDICAUX ET PROCEDES D'INSERTION ET D'UTILISATION DE DISPOSITIFS MEDICAUX**
[72] DONNAY, MANUEL LUIS, US
[72] NGUYEN, TUAN, US
[72] PACE, LOUIS G., US
[72] ROBINSON, PETER G., US
[71] ABBOTT DIABETES CARE INC., US
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[51] **Int.Cl. B09B 3/00 (2006.01)**
[25] EN
[54] **A PROCESS, APPARATUS, AND SYSTEM FOR RECOVERING MATERIALS FROM BATTERIES**
[54] **PROCEDE, APPAREIL ET SYSTEME DE RECUPERATION DE MATERIAUX A PARTIR DE BATTERIES**
[72] KOCHHAR, AJAY, CA
[72] JOHNSTON, TIMOTHY GEORGE, CA
[71] LI-CYCLE CORP., CA
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[25] EN
[54] **A PROCESS, APPARATUS, AND SYSTEM FOR RECOVERING MATERIALS FROM BATTERIES**
[54] **PROCEDE, APPAREIL ET SYSTEME DE RECUPERATION DE MATERIAUX A PARTIR DE BATTERIES**
[72] KOCHHAR, AJAY, CA
[72] JOHNSTON, TIMOTHY GEORGE, CA
[71] LI-CYCLE CORP., CA
[22] 2018-05-30
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[54] **SMART MICROFLUIDIE MIXING INSTRUMENT AND CARTRIDGES**
[54]
[72] WILD, ANDRE, CA
[72] LEAVER, TIMOTHY, CA
[72] TAYLOR, ROBERT J., CA
[72] RAMSAY, EUAN, CA
[72] KLAASSEN, NICOLAS, CA
[72] CHANG, SHAO FANG SHANNON, CA
[72] MARSHALL, KEARA, CA
[71] PRECISION NANOSYSTEMS INC, CA
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[25] EN
[54] **IDENTIFICATION OF TUMOUR-ASSOCIATED CELL SURFACE ANTIGENS FOR DIAGNOSIS AND THERAPY**
[54] **IDENTIFICATION D'ANTIGENES DE SURFACE CELLULAIRE ASSOCIES A UNE TUMEUR DANS LE CADRE D'UN DIAGNOSTIC ET D'UNE THERAPIE**
[72] TURECI, OZLEM, DE
[72] SAHIN, UGUR, DE
[72] HELFTENBEIN, GERD, DE
[72] SCHLUTER, VOLKER, DE
[71] BIONTECH SE, DE
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[54] **RATCHET WRENCH**
[54]
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[72] BERTAGNOLE, KENDALL, US
[72] AYALA, JAY, US
[71] TRIBUS INNOVATIONS, LLC, US
[22] 2017-03-20
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[51] **Int.Cl. H04W 28/26 (2009.01) H04W 24/02 (2009.01) H04W 52/24 (2009.01) H04B 17/345 (2015.01) H04B 7/185 (2006.01)**
[25] EN
[54] **AGGREGATE RADIATED POWER CONTROL FOR MULTI-BAND/MULTI-MODE SATELLITE RADIOTELEPHONE COMMUNICATIONS SYSTEMS AND METHODS**
[54] **COMMANDE DE LA PUISSANCE DE RAYONNEMENT TOTALE POUR SYSTEMES ET PROCEDES DE COMMUNICATION PAR TELEPHONE CELLULAIRE SATELLITE MULTIBANDE/MULTIMODE**
[72] KARABINIS, PETER D., US
[71] ATC TECHNOLOGIES, LLC, US
[22] 2004-04-14
[41] 2004-11-18
[62] 2,989,660
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[21] **3,096,251**
[13] A1
[51] **Int.Cl. A46B 7/04 (2006.01) A46B 15/00 (2006.01) A61C 15/00 (2006.01) A61C 15/02 (2006.01)**
[25] EN
[54] **INTER-DENTAL BRUSH**
[54] **BROSSE INTERDENTAIRE**
[72] ZHOU, XING, CN
[71] ZHOU, XING, CN
[22] 2015-03-10
[41] 2015-09-17
[62] 2,942,053
[30] CN (201420112850.6) 2014-03-12
[30] CN (201410091268.0) 2014-03-12
[30] CN (201420132867.8) 2014-03-21
[30] CN (201410108525.7) 2014-03-21

[21] **3,096,270**
[13] A1
[25] EN
[54] **METHODS FOR INHIBITING ANGIOGENESIS IN A SUBJECT IN NEED THEREOF**
[54]
[72] DEMOPULOS, GREGORY A., US
[72] SCHWAEBLE, HANS-WILHELM, GB
[72] DUDLER, THOMAS, US
[72] TJOELKER, LARRY, US
[71] OMEROS CORPORATION, US
[22] 2017-03-31
[41] 2017-10-05
[62] 3,018,774
[30] US (62/315,857) 2016-03-31

[21] **3,096,273**
[13] A1
[51] **Int.Cl. H03M 7/30 (2006.01) H04N 19/13 (2014.01) H04N 19/174 (2014.01) H04N 19/18 (2014.01)**
[25] EN
[54] **ENCODING AND DECODING OF SIGNIFICANT COEFFICIENTS IN DEPENDENCE UPON A PARAMETER OF THE SIGNIFICANT COEFFICIENTS**
[54] **CODAGE ET DECODAGE DE COEFFICIENTS SIGNIFICATIFS EN FONCTION D'UN PARAMETRE DES COEFFICIENTS SIGNIFICATIFS**
[72] BERRY, DAVID, GB
[72] GAMEI, JAMES ALEXANDER, GB
[72] SAUNDERS, NICHOLAS IAN, GB
[72] SHARMAN, KARL JAMES, GB
[71] SONY CORPORATION, JP
[22] 2014-04-04
[41] 2014-10-16
[62] 2,908,301
[30] GB (1306335.9) 2013-04-08
[30] GB (1307121.2) 2013-04-19
[30] GB (1312330.2) 2013-07-09
[30] GB (1320775.8) 2013-11-25

[21] **3,096,284**
[13] A1
[51] **Int.Cl. C07C 51/42 (2006.01) C07C 51/29 (2006.01) C07C 51/41 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING 3-HYDROXY-3-METHYLBUTYRATE OR SALT THEREOF**
[54] **PROCEDE DE FABRICATION D'ACIDE 3-HYDROXY-3-METHYLBUTANOIQUE OU DE SEL DE CELUI-CI**
[72] SUGITA, NAOKI, JP
[72] HOSHI, TOSHIO, JP
[71] KOBAYASHI PERFUMERY CO. , LTD., JP
[22] 2018-01-26
[41] 2019-01-24
[62] 3,069,454
[30] JP (PCT/JP2017/026068) 2017-07-19

[21] **3,096,307**
[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **SECURE PAYMENT SYSTEM**
[54] **SYSTEME DE PAIEMENT SECURISE**
[72] SHEM, ALI, CA
[72] REYNOLDS, CALEB, CA
[72] TOLOMICZENKO, NICK, CA
[72] BRANDT, CHRISTOPHER, CA
[72] MATAR, AMER, CA
[72] PATTERSON, ANDREW, CA
[71] MONERIS SOLUTIONS CORPORATION, CA
[22] 2013-06-27
[41] 2013-12-27
[62] 2,819,936
[30] US (61/664,972) 2012-06-27

[21] **3,096,330**
[13] A1
[25] EN
[54] **PALM ACTIVATED DRUG DELIVERY DEVICE**
[54]
[72] OLSON, LORIN, US
[72] VOJAN, VACLAV, CZ
[72] PFRANG, JUERGEN E., DE
[72] KRULEVITCH, PETER, US
[72] WANG, JINGLI, US
[72] FOLEY, NICHOLAS, GB
[72] ZHAO, MINGQI, US
[72] TASHJIAN, PAUL, US
[71] JANSSEN BIOTECH, INC., US
[22] 2014-03-10
[41] 2014-09-25
[62] 2,906,457
[30] US (13/833,978) 2013-03-15

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[21] **3,096,342**
[13] A1
[51] **Int.Cl. C12Q 1/6848 (2018.01) C12Q 1/6844 (2018.01) C12P 19/34 (2006.01)**
[25] EN
[54] **NUCLEIC ACID AMPLIFICATIONS**
[54] **AMPLIFICATIONS D'ACIDE NUCLEIQUE**
[72] ZHANG, HONGHUA, US
[72] PROVINS, JARROD, US
[72] ROTH, RICHARD, US
[71] IONIAN TECHNOLOGIES, LLC, US
[22] 2013-06-07
[41] 2013-12-12
[62] 2,876,159
[30] US (61/657,227) 2012-06-08
[30] US (61/782,199) 2013-03-14

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[21] **3,096,365**
[13] A1
[25] EN
[54] **OSCILLATING POSITIVE EXPIRATORY PRESSURE DEVICE**
[54] **DISPOSITIF A PRESSION EXPIRATOIRE POSITIVE OSCILLANTE**
[72] MEYER, ADAM, CA
[72] ENGELBRETH, DAN, CA
[71] TRUDELL MEDICAL INTERNATIONAL, CA
[22] 2012-06-06
[41] 2012-12-13
[62] 3,010,658
[30] US (61/493816) 2011-06-06
[30] US (61/532951) 2011-09-09

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[21] **3,096,378**
[13] A1
[25] EN
[54] **END-TO-END SPEAKER RECOGNITION USING DEEP NEURAL NETWORK**
[54] **RECONNAISSANCE DE LOCUTEUR DE BOUT EN BOUT A L'AIDE D'UN RESEAU NEURONAL PROFOND**
[72] GARLAND, MATTHEW, US
[72] KHOURY, ELIE, US
[71] PINDROP SECURITY, INC., US
[22] 2017-09-11
[41] 2018-03-15
[62] 3,075,049
[30] US (15/262,748) 2016-09-12

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[21] **3,096,442**
[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01) G08B 13/189 (2006.01) G08B 29/00 (2006.01) H04R 1/08 (2006.01)**
[25] EN
[54] **NETWORKED MICROPHONE DEVICE CONTROL**
[54] **COMMANDE DE DISPOSITIF DE MICROPHONE EN RESEAU**
[72] KUSANO, MIEKO, US
[72] WILBERDING, DAYN, US
[72] WENOCUR, JONATHAN, US
[72] LANG, JONATHAN, US
[71] SONOS, INC., US
[22] 2018-02-21
[41] 2018-09-13
[62] 3,057,798
[30] US (15/438,725) 2017-02-21

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[21] **3,096,445**
[13] A1
[51] **Int.Cl. H04N 19/159 (2014.01) H04N 19/176 (2014.01) H04N 19/182 (2014.01) H04N 19/593 (2014.01)**
[25] EN
[54] **LOW-COMPLEXITY INTRA PREDICTION FOR VIDEO CODING**
[54] **PREDICTION INTERNE A FAIBLE COMPLEXITE POUR CODAGE VIDEO**
[72] BOSSEN, FRANK JAN, US
[72] TAN, THIOW KENG, SG
[71] NTT DOCOMO, INC., JP
[22] 2011-07-14
[41] 2012-01-19
[62] 3,014,052
[30] US (61/364,322) 2010-07-14
[30] US (61/388,541) 2010-09-30

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[21] **3,096,478**
[13] A1
[51] **Int.Cl. C12Q 1/6858 (2018.01) C12Q 1/6844 (2018.01) C12Q 1/6848 (2018.01) C12Q 1/686 (2018.01) C12Q 1/6876 (2018.01)**
[25] EN
[54] **HIGHLY SELECTIVE NUCLEIC ACID AMPLIFICATION PRIMERS**
[54] **AMORCES D'AMPLIFICATION D'ACIDES NUCLEIQUES TRES SELECTIVES**
[72] MARRAS, SALVATORE A. E., US
[72] VARGAS-GOLD, DIANA, US
[72] TYAGI, SANJAY, US
[72] KRAMER, FRED RUSSELL, US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[22] 2014-02-07
[41] 2014-08-14
[62] 2,900,259
[30] US (61/762,117) 2013-02-07

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[21] **3,096,486**
[13] A1
[25] EN
[54] **SILICONE COMPOUNDS**
[54]
[72] PANANDIKER, RAJAN KESHAV, US
[72] KLUESENER, BERNARD WILLIAM, US
[72] TRUJILLO, RAFAEL, US
[72] LIU, ZAIYOU, US
[72] LANGEVIN, REBECCA ANN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2015-11-12
[41] 2016-05-19
[62] 2,964,973
[30] US (62/079,730) 2014-11-14
[30] US (62/136,652) 2015-03-23
[30] US (62/175,455) 2015-06-15
[30] US (62/184,977) 2015-06-26

[21] **3,096,530**
[13] A1
[25] EN
[54] **MANAGEMENT SYSTEM AND MANAGEMENT METHOD FOR PACKAGES OF SHUFFLED PLAYING CARDS**
[54] **SYSTEME DE GESTION ET METHODE DE GESTION DE PAQUETS DE CARTES A JOUER BATTUES**
[72] SHIGETA, YASUSHI, JP
[71] ANGEL PLAYING CARDS CO., LTD., JP
[22] 2016-03-03
[41] 2016-09-15
[62] 2,978,863
[30] JP (2015-061631) 2015-03-07

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[21] **3,096,624**
[13] A1
[51] **Int.Cl. C07C 271/22 (2006.01) C07K 1/06 (2006.01) C07K 5/02 (2006.01) C07K 5/06 (2006.01)**
[25] EN
[54] **LYSIN-GLUTAMIC ACID DIPEPTIDE DERIVATIVES**
[54] **DERIVES DIPEPTIDIQUES LYSINE/ACIDE GLUTAMIQUE**
[72] PUENTENER, KURT, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 2013-05-13
[41] 2013-11-21
[62] 2,868,144
[30] EP (12168119.1) 2012-05-15

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[21] **3,096,629**
[13] A1
[51] **Int.Cl. A61K 47/56 (2017.01) A61K 47/60 (2017.01) A61K 38/47 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **MODIFIED HYALURONIDASES AND USES IN TREATING HYALURONAN-ASSOCIATED DISEASES AND CONDITIONS**
[54] **HYALURONIDASES MODIFIEES ET UTILISATIONS POUR TRAITER DES MALADIES ET DES PATHOLOGIES ASSOCIEES A L'ACIDE HYALURONIQUE**
[72] FROST, GREGORY I., US
[72] JIANG, PING, US
[72] THOMPSON, CURTIS B., US
[71] HALOZYME, INC., US
[22] 2009-04-14
[41] 2009-10-22
[62] 2,721,229
[30] US (61/124,278) 2008-04-14
[30] US (61/130,357) 2008-05-29
[30] US (61/195,624) 2008-10-08

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[21] **3,096,631**
[13] A1
[51] **Int.Cl. G01R 33/50 (2006.01) G01R 33/54 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DELTA RELAXATION ENHANCED MAGNETIC RESONANCE IMAGING**
[54] **SYSTEME ET PROCEDE D'IMAGERIE PAR RESONANCE MAGNETIQUE A RELAXATION DELTA ACCRUE**
[72] PANTHER, ALEXANDER GYLES, CA
[72] PIRON, CAMERON ANTHONY, CA
[72] STAINSBY, JEFF ALAN, CA
[72] HARRIS, CHAD TYLER, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[22] 2015-02-23
[41] 2016-09-01
[62] 2,977,406

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[21] **3,096,640**
[13] A1
[25] EN
[54] **MASS TRANSFER PROCESSES WITH LIMITED SENSIBLE HEAT EXCHANGE**
[54]
[72] ZIMMERMAN, WILLIAM BAUER JAY, GB
[71] PERLEMAX LIMITED, GB
[22] 2013-11-22
[41] 2014-05-30
[62] 2,890,923
[30] GB (1221134.8) 2012-11-23

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[21] **3,096,751**
[13] A1
[51] **Int.Cl. G06F 17/00 (2019.01) G06F 3/0481 (2013.01) G06F 3/0484 (2013.01) H04L 12/16 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR DIALOG CUSTOMIZATION**
[54] **SYSTEME ET PROCEDE POUR LA PERSONNALISATION D'UN DIALOGUE**
[72] UNKNOWN, XX
[71] WIX.COM LTD, IL
[22] 2014-03-13
[41] 2014-09-18
[62] 2,904,830
[30] US (61/781,866) 2013-03-14

[21] **3,096,896**
[13] A1
[51] **Int.Cl. C07D 403/10 (2006.01) A61K 31/4168 (2006.01) A61K 31/422 (2006.01) A61K 31/4439 (2006.01) A61K 31/506 (2006.01) A61P 25/28 (2006.01) C07D 233/88 (2006.01) C07D 413/10 (2006.01)**
[25] EN
[54] **5,5'-DISUBSTITUTED AMINOHYDANTOIN COMPOUNDS AND COMPOSITIONS USEFUL FOR INHIBITION OF BACE AND THE TREATMENT OF ASSOCIATED DISEASES**
[54] **COMPOSES D'AMINOHYDANTOINE 5,5-DISUBSTITUES ET COMPOSITIONS UTILES POUR L'INHIBITION DE BACE ET LE TRAITEMENT DES MALADIES CONNEXES**
[72] JOHN, VARGHESE, US
[72] BUZKO, OLEKSANDR, US
[72] BREDESEN, DALE, US
[72] SPILMAN, PATRICIA, US
[72] JAGODZINSKA, BARBARA, US
[71] NANTNEURO, LLC, US
[22] 2016-08-29
[41] 2017-03-02
[62] 2,996,542
[30] US (62/210,945) 2015-08-27

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KIM, JONG HYUN 3,095,659
KLAASSEN, NICOLAS 3,096,121
KLUESENER, BERNARD WILLIAM 3,096,486
KOBAYASHI PERFUMERY CO. , LTD. 3,096,284
KOCHHAR, AJAY 3,096,116
KOCHHAR, AJAY 3,096,120
KRAMER, FRED RUSSELL 3,096,478
KRULEVITCH, PETER 3,096,330
KUSANO, MIEKO 3,096,442
LABBE, CHRISTIAN 3,096,108
LANG, JONATHAN 3,096,442
LANGEVIN, REBECCA ANN 3,096,486
LEAVER, TIMOTHY 3,096,121
LEE, JI HYE 3,095,659
LI-CYCLE CORP. 3,096,116
LI-CYCLE CORP. 3,096,120
LIU, PINGLI 3,091,179
LIU, ZAIYOU 3,096,486
MARRAS, SALVATORE A. E. 3,096,478
MARSHALL, KEARA 3,096,121
MATAR, AMER 3,096,307
MERCIER, MATHIEU 3,096,108
MEYER, ADAM 3,096,365
MILLS, TOMMY 3,096,204
MONERIS SOLUTIONS CORPORATION 3,096,307
NANTNEURO, LLC 3,096,896
NGUYEN, TUAN 3,096,110
NOUS, LLC 3,096,074
NTT DOCOMO, INC. 3,096,445
OLSON, LORIN 3,096,330
OMEROS CORPORATION 3,096,270
PACE, LOUIS G. 3,096,110
PANANDIKER, RAJAN KESHAV 3,096,486
PANTHER, ALEXANDER GYLES 3,096,631
PATERSON, WILLIAM 3,095,821
PATTERSON, ANDREW 3,096,307
PERLEMAX LIMITED 3,096,640
PFRANG, JUERGEN E. 3,096,330
PINDROP SECURITY, INC. 3,096,378
PIRON, CAMERON ANTHONY 3,096,631
PRECISION NANOSYSTEMS INC 3,096,121
PROVINS, JARROD 3,096,342
PUENTENER, KURT 3,096,624
RAMSAY, EUAN 3,096,121
REYNOLDS, CALEB 3,096,307
RHODES, GALEN B. 3,090,998
ROBINSON, PETER G. 3,096,110
ROTH, RICHARD 3,096,342
RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY 3,096,478
SAHIN, UGUR 3,096,188
SAUNDERS, NICHOLAS IAN 3,096,273
SCHLUTER, VOLKER 3,096,188
SCHWAEBLE, HANS-WILHELM 3,096,270
SHARMAN, KARL JAMES 3,096,273
SHEM, ALI 3,096,307
SHIGETA, YASUSHI 3,096,530
SMITH, KENT A. 3,090,998
SMITH, STEPHEN P. 3,090,998
SONG, BYEONG CHEOL 3,095,659
SONOS, INC. 3,096,442
SONY CORPORATION 3,096,273
SPILMAN, PATRICIA 3,096,896
STAINSBY, JEFF ALAN 3,096,631
SUGITA, NAOKI 3,096,284
SYNAPTIVE MEDICAL (BARBADOS) INC. 3,096,631
TAN, THIOW KENG 3,096,445
TASHJIAN, PAUL 3,096,330
TAYLOR, ROBERT J. 3,096,121
THE PROCTER & GAMBLE COMPANY 3,096,486
THOMPSON, CURTIS B. 3,096,629
TJOELKER, LARRY 3,096,270
TOLOMICZENKO, NICK 3,096,307
TRIBUS INNOVATIONS, LLC 3,096,204
TRUDELL MEDICAL INTERNATIONAL 3,096,365
TRUJILLO, RAFAEL 3,096,486
TURECI, OZLEM 3,096,188
TYAGI, SANJAY 3,096,478
UNKNOWN 3,096,751
VARGAS-GOLD, DIANA 3,096,478
VOJAN, VACLAV 3,096,330
WANG, DENGJIN 3,091,179
WANG, JINGLI 3,096,330
WENOCUR, JONATHAN 3,096,442
WILBERDING, DAYN 3,096,442
WILD, ANDRE 3,096,121
WINTERS, STEPHEN M. 3,090,998
WIX.COM LTD 3,096,751
WU, YONGZHONG 3,091,179
XIA, MICHAEL 3,091,179
ZHANG, HONGHUA 3,096,342
ZHAO, MINGQI 3,096,330
ZHOU, XING 3,096,251

ZIMMERMAN, WILLIAM
BAUER JAY 3,096,640