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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux 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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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 February 19, 2019

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1730***
For each additional sheet over 30	**$20**
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 19 février 2019

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1730 $***
Pour chaque feuille au delà de 30	**20 $**
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*)) **$260**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$260** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$390** 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*)) **260 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **260 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **390 $** 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

June 20, 2017

14. Procédures de correspondance

le 20 juin, 2017

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property 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.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, 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

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

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

Download the Fee Payment Form.

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, 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

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner 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 ne satisfaisant pas aux 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 devrait toujours être présenté 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 paiements.

1.1 Designated Establishments

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 following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. 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

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. 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

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) 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

3. 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

4. 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

5. 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

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

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

3. 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

4. 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

5. 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

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

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

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(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

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.

établissements ou des bureaux désignés auquels 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 livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé℠ et Xpresspost℠ de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

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, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) 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 Trade-marks, the Copyright 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 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

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

Correspondence delivered 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 open for business.

2. Correspondance électronique

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, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du 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 ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

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 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

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

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

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 a document by facsimile 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.

Patents

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

2.1 Correspondance par télécopieur

La correspondance par télécopieur 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 aux numéros ci-dessous :

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

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 ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi 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'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

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.

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

2.2 En ligne

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

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des 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

of patent agents; and
- ordering copies in paper, or electronic form of a document.

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 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by 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;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- 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,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

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

Droits d'auteur

Aux fins 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. Pour ce faire, il faut accéder 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 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.

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 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents 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

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder 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

Aux fins 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. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

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

2.3 Supports électroniques

Brevets

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

application itself or amendment(s) thereof.

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 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.

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.

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

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

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

3. Précisions concernant les formats électroniques acceptés

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 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 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.

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 de ces 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.

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

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

ASCII

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

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. 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 one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

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

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. 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 présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- 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
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- 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
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

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

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or 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, 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.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé 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 sur les établissements auxquels des documents sont 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 limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits 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.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le 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.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada 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. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
    - First Monday in August (British Columbia Day)
    - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
    - March 17 (St. Patrick's Day)
    - April 23 (St. George's Day)
    - June 24 (Discovery Day)
    - July 12 (Orangemen's Day)
    - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
    - Third Monday in February (Ontario Family Day)
    - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
    - premier lundi d'août (Fête de la Colombie-Britannique)
    - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
    - 17 mars (Fête de la Saint-Patrick)
    - 23 avril (Fête de la Saint-Georges)
    - 24 juin (Journée de la Découverte)
    - 12 juillet (Jour des Orangistes)
    - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
    - troisième lundi de février (Jour de la Famille de l'Ontario)
    - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

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.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, 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.

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.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

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.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilsant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

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 on our service interruptions as they become available and as circumstances permit.

NOTICE REGARDING UNEXPECTED CLOSURES OF THE OFFICE

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers all time limits to be extended until the next day that it is open for business.

On May 8, 2017 and May 9, 2017, CIPO was closed for business due to extraordinary circumstances.

For information regarding a previous business closure, please contact the Client Service Centre or consult CIPO's website.

7. Procedures when CIPO is open for business 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 for business 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 Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks 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 of $125 may be required in certain cases.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

En cas d'urgence, les systèmes d'information et de recherche seront, 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 cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

AVIS CONCERNANT UNE FERMETURE INATTENDUE DU BUREAU

Lorsque l'OPIC est fermé, notamment en raison de circonstances exceptionnelles, l'OPIC considère que toutes les échéances sont prorogées jusqu'au jour de réouverture du bureau.

Les 8 et 9 mai 2017, l'OPIC était fermé au public en raison de circonstances exceptionnelles.

Pour obtenir des renseignements concernant une fermeture antérieure de nos bureaux, veuillez communiquer avec le centre de service à la clientèle ou consulter le site Web de l'OPIC.

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

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

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

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 prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation 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 de 125 $ peut être exigé dans certains cas.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

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
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

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
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of April 2, 2019 contains applications open to public inspection from March 17, 2019 to March 23, 2019.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 2 avril 2019 contient les demandes disponibles au public pour consultation pour la période du 17 mars 2019 au 23 mars 2019.

Canadian Patents Issued

April 2, 2019

Brevets canadiens délivrés

2 avril 2019

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[11] **2,521,783**
[13] C
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[73] CASCADE CORPORATION, US
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[54] **SUSPENSIONS AQUEUSES DE CHARGES EN FINES PARTICULES, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION POUR PRODUIRE DES PAPIERS A TENEUR EN CHARGES ET A RESISTANCE A SEC ELEVEES**
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[54] **PLATEFORMES MICROFLUIDIQUES POUR DETECTION MULTICIBLE**
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[72] GROMPONE, GIANFRANCO, FR
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[54] **VARIANTS DU FACTEUR IX PRESENTANT UNE ACTIVITE COAGULANTE EN L'ABSENCE DE LEUR COFACTEUR ET LEUR UTILISATION DANS LE CADRE DU TRAITEMENT DE TROUBLES HEMORRAGIQUES**
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[54] **PROCEDES ET DISPOSITIFS POUR LA DETECTION DE COURANTS OU TENSIONS TRANSITOIRES DECOULANT D'EVENEMENTS ISOLES**
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[72] WANG, TAO, CA
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[54] **SYSTEMES ET PROCEDES POUR PRODUIRE DES CIMENTS D'ASPHALTE MODIFIE PAR DU CAOUTCHOUC A RENDEMENT ELEVE**
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[72] GOVARI, ASSAF, IL
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[54] **LENTILLES OPHTALMIQUES A SURFACE AMELIOREE ET PROCEDES DE FABRICATION ASSOCIES**
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[73] DANA-FARBER CANCER INSTITUTE, INC., US
[73] GENUS ONCOLOGY, LLC, US
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[54] **JET PUMP AND MULTI-STRING TUBING SYSTEM FOR A FLUID PRODUCTION SYSTEM AND METHOD**
[54] **EJECTEUR ET SYSTEME DE TUBAGE MULTI-COLONNE POUR SYSTEME ET PROCEDE DE PRODUCTION DE FLUIDES**
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[72] REISSIG, ERIK, US
[72] MORRIS, COLLIN R., CA
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[54] **PROCESS TO INDUCE POLYMERIZATION OF AN ORGANIC ELECTRONICALLY CONDUCTIVE POLYMER**
[54] **PROCEDE POUR INDUIRE LA POLYMERISATION D'UN POLYMERE ORGANIQUE ELECTRONIQUEMENT CONDUCTEUR**
[72] SCHOUGAARD, STEEN BRIAN, CA
[72] GAUTHIER, MICHEL, CA
[72] LEPAGE, DAVID, CA
[72] LIANG, GUOXIAN, CA
[72] MICHOT, CHRISTOPHE, CA
[72] KUSS, CHRISTIAN, CA
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[73] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
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[54] **EXPRESSION DE CHAINES LEGERES SUBSTITUTS**
[72] HOROWITZ, LAWRENCE, US
[72] BHATT, RAMESH, US
[73] I2 PHARMACEUTICALS, INC., US
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[54] **METHOD FOR ADJUSTING AN OVEN FOR BAKING ANODES, AND OVEN SUITABLE FOR IMPLEMENTING SAME**
[54] **PROCEDE DE REGULATION D'UN FOUR DE CUISSON D'ANODES ET FOUR ADAPTE A SA MISE EN OEUVRE**
[72] MORALES, FRANCOIS, FR
[72] DE LA TORRE, ALAIN, FR
[73] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
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[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING LABOR CONDITIONS VIA ELECTROMAGNETIC FIELD DISTURBANCES**
[54] **SYSTEMES ET PROCEDES DE DETECTION DE L'ETAT DU TRAVAIL OBSTETRICAL PAR L'INTERMEDIAIRE DE PERTURBATIONS DU CHAMP ELECTROMAGNETIQUE**
[72] BROWNE, PAUL C., US
[73] BROWNE, PAUL C., US
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[54] **ELEMENT FILTRANT A AILETTES**
[72] HAQUE, ZIAUL, CA
[72] RHODES, DAVID BRUCE, CA
[72] GAUDET, MICHEL, CA
[73] ATOMIC ENERGY OF CANADA LIMITED, CA
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[54] **METHOD OF MOULDING A WIND-TURBINE BLADE**
[54] **PROCEDE DE MOULAGE D'UNE PALE D'EOLIENNE**
[72] FRYDENDAL, IB, DK
[72] PEDERSEN, SOEREN MARKKILDE, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **METHOD FOR TESTING A SUBJECT THOUGHT TO BE PREDISPOSED TO HAVING METASTATIC CANCER USING DELTA133P53BETA**
[54] **METHODE PERMETTANT DE TESTER UN SUJET QU'ON PENSE PREDISPOSE A SOUFFRIR D'UN CANCER METASTATIQUE, AU MOYEN DU DELTA133P53 BETA**
[72] ROUX, PIERRE, FR
[72] GADEA, GILLES, FR
[72] VINOT, STEPHANIE, FR
[72] ANGUILLE, CHRISTELLE, FR
[72] BOURDON, JEAN-CHRISTOPHE, GB
[72] FERNANDES, KENNETH, GB
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[73] UNIVERSITY OF DUNDEE, GB
[73] UNIVERSITE DE MONTPELLIER, FR
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[54] **PELLE A CORDE A MANCHE COURBE**
[72] HREN, WILLIAM J., US
[72] POETTER, RAINER, US
[73] JOY GLOBAL SURFACE MINING INC, US
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[72] GAUTHIER, LAURENT, FR
[72] MASSACRIER, CATHERINE, FR
[72] MOREL, YANNIS, FR
[72] PATUREL, CARINE, FR
[73] INNATE PHARMA, FR
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[54] **METHOD AND APPARTUS FOR CONDUCTING AN ASSAY**
[54] **METHODE ET APPAREIL POUR REALISER UNE EPREUVE BIOLOGIQUE**
[72] CORBETT, JOHN, AU
[72] CORBETT, JOHN, SNR., AU
[73] PYROBETT PTE LTD., SG
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[54] **HEAT RESISTANT PROBIOTIC COMPOSITIONS AND HEALTHY FOOD COMPRISING THEM**
[54] **COMPOSITIONS PROBIOTIQUES RESISTANT A LA CHALEUR ET ALIMENTS SAINS LES COMPRENANT**
[72] ZOREA, YOHAI, IL
[72] PENHASI, ADEL, IL
[73] DEGAMA PROBIOTICS LTD., KY
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[54] **SIMPLIFIED CHECKING BENCH FOR TELESCOPES AND AUTO-CHECKABLE TELESCOPES**
[54] **BANC DE VERIFICATION SIMPLIFIE POUR TELESCOPES ET TELESCOPES MUNIS D'UN DISPOSITIF DE VERIFICATION AUTOMATIQUE**
[72] PERRIN, GUILLAUME, FR
[72] LIOTARD, ARNAUD, FR
[72] BENARD, HERVE, FR
[73] THALES, FR
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[54] **MACHINE ELECTRIQUE, PLUS PRECISEMENT GENERATRICE ELECTRIQUE**
[72] LE BESNERAIS, JEAN, FR
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **METHODES ET DISPOSITIFS ORTHODONTIQUES**
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[72] ALIKHANI, MANI, US
[73] NEW YORK UNIVERSITY, US
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[25] EN
[54] **SUPPORT FOR ELECTRIC MACHINE IN A TURBINE ENGINE**
[54] **SUPPORT POUR MACHINE ELECTRIQUE DANS UNE TURBINE**
[72] BARNETT, BARRY, CA
[72] DENIS, DAVID, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2770728)
[87] (2770728)
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[25] EN
[54] **METHOD AND SYSTEM FOR WIRELESS COMMUNICATIONS IN A WAVEGUIDE ENVIRONMENT**
[54] **PROCEDE ET SYSTEME DE COMMUNICATION SANS FIL A GUIDE D'ONDES**
[72] WYLER, JOHN STEPHEN, US
[73] GE AVIATION SYSTEMS LLC, US
[86] (2771510)
[87] (2771510)
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[51] **Int.Cl. A61K 31/202 (2006.01) A61P 3/06 (2006.01) A61K 9/48 (2006.01)**
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[54] **COMPOSITIONS AND METHODS FOR LOWERING TRIGLYCERIDES WITHOUT RAISING LDL-C LEVELS IN A SUBJECT ON CONCOMITANT STATIN THERAPY**
[54] **COMPOSITIONS ET PROCEDES POUR ABAISSER LES TRIGLYCERIDES SANS ELEVER LES TAUX DE LDL-C CHEZ UN SUJET SOUMIS A UNE THERAPIE CONCOMITANTE AUX STATINES**
[72] OSTERLOH, IAN, US
[72] WICKER, PIERRE, US
[72] BRAECKMAN, RENE, US
[72] SONI, PARESH, US
[72] MANKU, MEHAR, US
[73] AMARIN PHARMACEUTICALS IRELAND LIMITED, IE
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[54] **SHAPED FOOD ARTICLE MANUFACTURING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES POUR LA FABRICATION D'ALIMENTS MOULES**
[72] BENDER, TIMOTHY J., US
[72] VICKERY, KENT, US
[72] TROWBRIDGE, MIKE D., US
[72] MARTIN, JEFFREY H., US
[72] GUINNIP, WOODROW R., US
[73] SHEARER'S FOODS, LLC, US
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[25] EN
[54] **SENSOR ASSEMBLY HAVING A SEISMIC SENSOR AND A DIVERGENCE SENSOR**
[54] **ENSEMBLE CAPTEUR COMPORTANT UN CAPTEUR SISMIQUE ET UN CAPTEUR DE DIVERGENCE**
[72] MUYZERT, EVERHARD, GB
[72] EDME, PASCAL, GB
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2012-04-03
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[25] EN
[54] **COMMUNICATIONS SYSTEMS,APPARATUSES,METHODS AND COMPUTER PROGRAMS FOR REPEATING A SIGNAL WITH REDUCED INTERSYMBOL INTERFERENCE**
[54] **SYSTEMES DE COMMUNICATION, APPAREILLAGES, METHODES ET PROGRAMMES INFORMATIQUES SERVANT A REPETER UN SIGNAL AVEC UNE INTERFERENCE INTERSYMBOLE REDUITE**
[72] DAVIES, EUROS, GB
[73] AIRWAVE SOLUTIONS LTD., GB
[86] (2776710)
[87] (2776710)
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[54] **ADAPTATEUR DE FIOLE ET SYSTEME**
[72] HOLT, MARK DOMINIS, US
[72] CAIRNS, ALEXANDER STUART, US
[73] AMGEN INC., US
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[54] **DISPERSION SOLIDE DE RIFAXIMINE**
[72] KULKARNI, SHIRISHKUMAR, IN
[72] DALAL, SATISH KUMAR, IN
[72] JAHAGIRDAR, HARSHAL ANIL, IN
[73] LUPIN LIMITED, IN
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[54] **DISPOSITIF D'AFFICHAGE ELECTRONIQUE UTILISABLE SUR PLACE**
[72] DUNN, WILLIAM, US
[72] BEDELL, WARE, US
[72] LE, DON, US
[72] WILLIAMS, DAVID, US
[73] MANUFACTURING RESOURCES INTERNATIONAL, INC., US
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[54] **NEBULIZER**
[54] **NEBULISEUR**
[72] BACH, ALEXANDER, DE
[72] BESSELER, JENS, DE
[72] HOLAKOVSKY, HOLGER, DE
[72] KAEMPER, MARKUS, DE
[72] DAELMAN, MANUEL, DE
[72] WUTTKE, GILBERT, DE
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[54] **CONVERTING A MESSAGE VIA A POSTING CONVERTER**
[54] **CONVERSION D'UN MESSAGE PAR L'INTERMEDIAIRE D'UN CONVERTISSEUR D'ARTICLE DE DISCUSSION**
[72] MILSTEIN, DAVID, US
[73] INTELLISIST, INC., US
[85] 2012-06-04
[86] 2010-12-03 (PCT/US2010/058991)
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[54] **ARCHITECTURE D'ECLAIRAGE A DEL COMPORTANT UN CONVERTISSEUR DE TENSION**
[72] BRIGGS, GERALD EDWARD, CA
[73] ARKALUMEN INC., CA
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[25] EN
[54] **COMMUNICATION SYSTEM FOR SUPPORTING CARRIER AGGREGATION AND METHOD AND APPARATUS FOR UPDATING SYSTEM INFORMATION THEREOF**
[54] **SYSTEME DE COMMUNICATION POUR PRENDRE EN CHARGE UNE AGREGATION DE PORTEUSES ET PROCEDE ET APPAREIL POUR METTRE A JOUR SES INFORMATIONS SYSTEME**
[72] WEI, YUXIN, CN
[73] SONY CORPORATION, JP
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[54] **SYSTEME DE SCLERECTOMIE PROFONDE ASSISTEE AU LASER**
[72] DEGANI, JOSHUA, IL
[72] EYAL, AMI, IL
[73] I OPTIMA LTD., IL
[85] 2012-06-20
[86] 2009-12-31 (PCT/IL2009/001238)
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[30] US (61/193,865) 2008-12-31
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[54] **SYSTEMS AND METHODS FOR SUPERCONDUCTING INTEGRATED CIRCUITS**
[54] **SYSTEMES ET PROCEDES POUR CIRCUITS INTEGRES SUPRACONDUCTEURS**
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[72] JOHNSON, MARK W., CA
[72] BUNYK, PAUL I., CA
[73] D-WAVE SYSTEMS, INC., CA
[85] 2012-07-03
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[30] US (61/295,561) 2010-01-15
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[25] EN
[54] **METHODS FOR PRODUCING ISOMERS OF MUCONIC ACID AND MUCONATE SALTS**
[54] **PROCEDES POUR PRODUIRE DES ISOMERES D'ACIDE MUCONIQUE ET DE SELS DE MUCONATE**
[72] BUI, VU, US
[72] LAU, MAN KIT, US
[72] MACRAE, DOUG, US
[72] SCHWEITZER, DIRK, US
[73] AMYRIS, INC., US
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[54] **FORMULATIONS DE BENDAMUSTINE**
[72] PALEPU, NAGESH R., US
[72] BUXTON, PHILIP CHRISTOPHER, GB
[73] EAGLE PHARMACEUTICALS, INC., US
[85] 2012-07-18
[86] 2011-01-28 (PCT/US2011/022958)
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[25] EN
[54] **SUBSTITUTED 2-IMIDAZOLIDONES AND ANALOGS AND THEIR USE AGAINST CANCER**
[54] **2-IMIDAZOLIDONES SUBSTITUES ET ANALOGUES ET LEUR UTILISATION CONTRE LE CANCER**
[72] GAUDREAULT, RENE C., CA
[72] FORTIN, SEBASTIEN, CA
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[54] **SYSTEMES ET PROCEDES POUR TRAITER DES DEMANDES DE CONSOMMATEURS DANS DIFFERENTS LANGAGES POUR DES DOCUMENTS CLINIQUES**
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[72] YU, GE, CA
[73] AGFA HEALTHCARE INC., BE
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[54] **IMPLANT MEDICAL MAINTENANT DES ESPACES LORS DE SERTISSAGE, PROCEDE ET DISPOSITIF D'IMPLANTATION**
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[72] LIM, HOU-SEN, SG
[73] VENUS MEDTECH (HANGZHOU), INC., CN
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[54] **OLIGOPEPTIDIC COMPOUNDS AND USES THEREOF**
[54] **COMPOSES OLIGOPEPTIDIQUES ET UTILISATIONS DE CEUX-CI**
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[73] CYTOVATION AS, NO
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[54] **CONJUGUES ANTICORPS-MEDICAMENTS (ADC) QUI SE LIENT AUX PROTEINES 161P2F10B**
[72] TORGOV, MICHAEL, US
[72] MORRISON, ROBERT KENDALL, US
[72] JAKOBOVITS, AYA, US
[72] GUDAS, JEAN, US
[72] AN, ZILI, US
[73] AGENSYS, INC., US
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[54] **CHANGEMENT DE LA FORCE IONIQUE DE L'EAU**
[72] JESSOP, PHILIP G., CA
[72] MERCER, SEAN M., CA
[72] BROWN, R. STEPHEN, CA
[72] ROBERT, TOBIAS, CA
[73] QUEEN'S UNIVERSITY AT KINGSTON, CA
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[54] **PROCEDE, ACCUMULATEUR THERMIQUE ET SYSTEME D'ACCUMULATEUR THERMIQUE POUR CHAUFFER ET REFROIDIR UN FLUIDE DE TRAVAIL**
[72] RUCK, WOLFGANG, DE
[72] OPEL, OLIVER, DE
[73] LEUPHANA UNIVERSITAET LUENEBURG, DE
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[54] **DISPOSITIF D'ECHANTILLONNAGE DE FLUIDE**
[72] MIHAYLOV, GUEORGUI M., US
[72] TRUEX, BRYAN I., US
[73] NEXTTEQ, LLC, US
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[54] **METHOD FOR START-UP OF A LIQUEFIED NATURAL GAS (LNG) PLANT**
[54] **PROCEDE DE DEMARRAGE D'UNE INSTALLATION DE GAZ NATUREL LIQUEFIE (GNL)**
[72] VIST, SIVERT, NO
[72] LOELAND, TORE, NO
[72] SVENNING, MORTEN, NO
[72] GYLSETH, SILJA ERIKSSON, NO
[73] STATOIL PETROLEUM AS, NO
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[54] **ULTRA-LOW TRYPSIN INHIBITOR SOYBEAN**
[54] **SOJA PRESENTANT UN TAUX ULTRA FAIBLE D'INHIBITEUR DE TRYPSINE**
[72] SCHILLINGER, JOHN A., US
[73] SCHILLINGER GENETICS, INC., US
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[54] **AMELIORATING OR THERAPEUTIC AGENT COMPRISING AN EXTRACT FROM INFLAMED TISSUE INOCULATED WITH VACCINIA VIRUS FOR CHRONIC PROSTATITIS, INTERSTITIAL CYSTITIS AND/OR URINATION DISORDERS**
[54] **AGENT D'AMELIORATION OU AGENT THERAPEUTIQUE RENFERMANT UN EXTRAIT DE TISSU INFLAMME INOCULE AVEC UN VIRUS VACCINIA DESTINE A LA PROSTATITE CHRONIQUE, A LA CYSTITE INTESTINALE OU AUX TROUBLES URINAIRES**
[72] TAMAKI, MAKOTO, JP
[73] NIPPON ZOKI PHARMACEUTICAL CO., LTD., JP
[85] 2012-09-04
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[54] **DISPOSITIFS IMPLANTABLES HETEROGENES POUR LA DELIVRANCE DE MEDICAMENTS**
[72] PATEL, RAJESH A., US
[72] BHONSLE, SUNIL R., US
[73] TITAN PHARMACEUTICALS, INC., US
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[54] **MODIFICATION OF FEED CONSUMPTION PATTERNS IN BEEF CATTLE RATIONS**
[54] **MODIFICATION DES HABITUDES DE CONSOMMATION DES ALIMENTS POUR BETAIL DES BESTIAUX A VIANDE**
[72] SCOTT, RONALD RAY, US
[72] FORCHERIO, JAMES CHRISTOPHER, US
[73] PURINA ANIMAL NUTRITION LLC, US
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[54] **COMPOSITION COMPRISING PROBIOTIC BACTERIA FOR USE IN THE TREATMENT OF IMMUNE DISORDERS**
[54] **COMPOSITION COMPRENANT DES BACTERIES PROBIOTIQUES POUR LE TRAITEMENT DES TROUBLES IMMUNS**
[72] MOGNA, GIOVANNI, IT
[72] STROZZI, GIAN PAOLO, IT
[72] DRAGO, LORENZO, IT
[72] MOGNA, LUCA, IT
[73] PROBIOTICAL S.P.A., IT
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[54] **MANCHON DE PREVENTION DES INCENDIES**
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[72] DREXL, MICHAEL, DE
[73] HILTI AKTIENGESELLSCHAFT, LI
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[72] RAMSAY, SERGE, CA
[72] RAMSAY, LINDA, CA
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[54] **SIGNUP AND BIOMETRIC VERIFICATION METHODS, AND RELATED SYSTEMS AND DEVICES**
[54] **PROCEDES D'ENROLEMENT ET DE VERIFICATION BIOMETRIQUE, SYSTEMES ET DISPOSITIFS ASSOCIES**
[72] THUILLIER, CEDRIC, FR
[72] CHABANNE, HERVE, FR
[73] MORPHO, FR
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[54] **POCKETED BEDSHEET, SYSTEM AND METHOD**
[54] **DRAP A POCHES, SYSTEME ET PROCEDE**
[72] SITHIAN, NEDUNCHEZIAN, US
[73] HEALTHY HEELS AND EASY SOLUTIONS LLC, US
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[54] **PROCEDE POUR LA SYNTHESE DE METHANOL**
[72] GAMLIN, TIMOTHY DOUGLAS, GB
[73] JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED, GB
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[54] **SYSTEMES A FAIBLE TENEUR EN AGENT TENSIOACTIF DOUX SPECIFIQUE ET A FORTE TENEUR EN EMOLLIENT, CONSERVANT UNE PROPRIETE DE MOUSSAGE ET DE STABILITE DE PHASE**
[72] PATEL, RAJESH, US
[72] SUBRAMANIAN, VIVEK, US
[73] UNILEVER PLC, GB
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[54] **INCLINOMETRE A AIMANT PERMANENT POUR UNE MACHINE INDUSTRIELLE**
[72] TAYLOR, WESLEY P., US
[73] JOY GLOBAL SURFACE MINING INC, US
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[54] **OXYGENATED BUTANOL GASOLINE COMPOSITION HAVING GOOD DRIVEABILITY PERFORMANCE**
[54] **COMPOSITION D'ESSENCE DE BUTANOL OXYGENE PERMETTANT D'OBTENIR DE BONS RESULTATS DE CONDUITE**
[72] TORRES-ORDONEZ, ROWENA JUSTO, US
[72] KUBERKA, MELANIE, DE
[72] PLACZEK, PETER, DE
[72] WOLF, LESLIE R., US
[72] BAUSTIAN, JAMES J., US
[73] BUTAMAX(TM) ADVANCED BIOFUELS LLC, US
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[54] **OXYGENATED BUTANOL GASOLINE COMPOSITION HAVING GOOD DRIVEABILITY PERFORMANCE**
[54] **COMPOSITION D'ESSENCE OXYGENEE A BASE DE BUTANOL OFFRANT DE BONNES PERFORMANCES DE MANIPULATION**
[72] BAUSTIAN, JAMES J., US
[72] WOLF, LESLIE R., US
[73] BUTAMAX(TM) ADVANCED BIOFUELS LLC, US
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[54] **NEUTRON REFLECTOR BLOCK ASSEMBLY FOR NUCLEAR REACTORS**
[54] **DISPOSITIF DE BLOC DE REFLECTEUR DE NEUTRONS DESTINE A DES REACTEURS NUCLEAIRES**
[72] ERASMUS, CHRISTIAAN, ZA
[72] HINDLEY, MICHAEL PHILIP, ZA
[73] PEBBLE BED MODULAR REACTOR SOC LTD, ZA
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[72] HORSTMANN, MICHAEL, DE
[72] EIFLER, RENE, DE
[72] KAUFMANN, REGINE, DE
[72] MOHR, PATRICK, DE
[72] GALIA, ERIC, DE
[72] PRANGE, WOLFGANG, DE
[72] BULLER, STEFAN, DE
[72] PUSECKER, KLAUS, DE
[72] STAMPFUSS, JAN, DE
[72] STOELBEN, SUSANNE, DE
[73] GRUENENTHAL GMBH, DE
[73] LTS LOHMANN THERAPIE-SYSTEME AG, DE
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[54] **TREATMENT OF WATER TO EXTEND HALF-LIFE OF OZONE**
[54] **TRAITEMENT D'EAU POUR PROLONGER LA DEMI-VIE DE L'OZONE**
[72] HENGSPERGER, STEVE L., CA
[72] NAMESPETRA, JUSTIN L., CA
[72] O'NEIL, JAMIE, CA
[73] TERSANO INC., CA
[85] 2013-01-18
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[54] **5-(BIPHENYL-4-YL)-3-PHENYL-1,2,4-OXADIAZOLYL DERIVATIVES AS LIGANDS ON THE SPHINGOSINE 1-PHOSPHATE (S1P) RECEPTORS**
[54] **DERIVES DE 5-(BIPHENYL-4-YL)-3-PHENYL-1,2,4-OXADIAZOLYLE COMME LIGANDS SUR LES RECEPTEURS AU SPHINGOSINE-1-PHOSPHATE (S1P)**
[72] BOMBRUN, AGNES, CH
[72] QUATTROPANI, ANNA, CH
[72] GONZALEZ, JEROME, FR
[72] DORBAIS, JEROME, FR
[72] KNIGHT, CHRIS, GB
[72] BAKER-GLENN, CHARLES, GB
[73] MERCK SERONO S.A., CH
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[54] **METHOD FOR PREPARING A MATERIAL FOR STORING HYDROGEN, INCLUDING AN EXTREME PLASTIC DEFORMATION OPERATION**
[54] **PROCEDE DE PREPARATION D'UN MATERIAU DE STOCKAGE DE L'HYDROGENE COMPRENANT UNE OPERATION DE DEFORMATION PLASTIQUE SEVERE.**
[72] FRUCHART, DANIEL, FR
[72] MIRAGLIA, SALVATORE, FR
[72] DE RANGO, PATRICIA, FR
[72] SKRYABINA, NATALIYA, RU
[72] JEHAN, MICHEL, FR
[72] HUOT, JACQUES, CA
[72] LANG, JULIEN, CA
[72] PEDNEAULT, SYLVAIN, CA
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] MCPHY ENERGY, FR
[73] UNIVERSITE DU QUEBEC A TROIS-RIVIERES, CA
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[54] **METHOD FOR REMOVING CONTAMINANTS FROM WASTEWATER IN HYDRAULIC FRACTURING PROCESS**
[54] **PROCEDE D'ELIMINATION DE CONTAMINANTS PROVENANT D'EAUX USEES DANS UN PROCESSUS DE FRACTURATION HYDRAULIQUE**
[72] NEVIN, DONALD, US
[73] NEVIN, DONALD, US
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[54] **MARKERS OF VULNERABILITY OF THE ATHEROSCLEROSIS PLAQUE**
[54] **MARQUEURS DE VULNERABILITE DE LA PLAQUE D'ATHEROSCLEROSE**
[72] FAREH, JEANNETTE, FR
[72] MALAUD, ERIC, FR
[73] BIO-RAD INNOVATIONS, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
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[54] **PRODUIT ALIMENTAIRE**
[72] HEWSON-HUGHES, ADRIAN, GB
[72] LEAVESLEY, CRAIG, GB
[72] SIMPSON, STEPHEN JAMES, AU
[72] RAUBENHEIMER, DAVID, NZ
[73] MARS, INCORPORATED, US
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[72] FALETTI, MATTHEW T., US
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[72] REYNARD, FREDERIC, FR
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[72] TOMITA, KENJI, JP
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[72] BERREBI-BERTRAND, ISABELLE, FR
[72] BILLOT, XAVIER, FR
[72] CALMELS, THIERRY, FR
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[72] PETERS, SCOTT R., US
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[72] SANCHEZ IGLESIAS, VICENTE, US
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[72] UDESCHINI, ANDREW C., CA
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[73] BRIGHAM YOUNG UNIVERSITY, US
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[72] BRAMMER, MICHAEL A., US
[72] CAMPBELL, DONALD L., JR., US
[72] EISENSCHMID, THOMAS C., US
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[54] **PROTEINES BETA-GLUCOCEREBROSIDASE RECOMBINANTES, VARIANTES, AYANT UNE STABILITE ACCRUE ET UNE ACTIVITE CATALYTIQUE RESIDUELLE ACCRUE**
[72] DO, HUNG, US
[73] AMICUS THERAPEUTICS, INC., US
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[54] **MACHINE ET PROCEDE DE TRAITEMENT PAR GREFFAGE CHROMATOGENIQUE D'UN SUBSTRAT HYDROXYLE**
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[72] GUERIN, DAVID, FR
[72] LEMAITRE, ANDRE, FR
[72] LYANNAZ, LAURENT, FR
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[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **BOISSONS PRETES A BOIRE COMPRENANT DES CEREALES ENTIERES HYDROLYSEES**
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[72] BEZELGUES, JEAN-BAPTISTE, US
[72] CHENG, PU-SHENG, US
[72] ROGER, OLIVIER, CH
[72] ROSS, ALASTAIR, CH
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[72] WAVREILLE, ANNE-SOPHIE, CH
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[54] **BOITIER AMELIORE POUR CONTENIR DES COMPOSANTS ELECTRONIQUES**
[72] KOWALCZYSZYN, TARAS, CA
[72] HOTTE, KEN, CA
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[54] **OXYDATION CHIMIQUE OU TRAITEMENT ELECTROMAGNETIQUE DANS DES OPERATIONS DE DRAINAGE PAR GRAVITE AU MOYEN DE LA VAPEUR**
[72] POLIZZOTTI, DAVID M., US
[72] MOORE, BRIAN CHRISTOPHER, US
[72] NECULAES, VASILE BOGDAN, US
[72] KHWAJA, ABDUL RAFI, US
[72] PETERSEN, MATTHEW ALAN, US
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[54] **INHIBITEURS PYRAZOLYL GUANIDINE DE LA F1F0-ATPASE ET LEURS UTILISATIONS THERAPEUTIQUES**
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[72] TAYLOR, CLARKE B., US
[72] VANHUIS, CHAD A., US
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[54] **SIEGE DE REMONTEE MECANIQUE AVEC VERROUILLAGE MAGNETIQUE DE GARDE-CORPS**
[72] CHEDAL BORNU, YVES, FR
[73] SOMMITAL, FR
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[54] **OXYGEN BREATHING DEVICE AND METHOD FOR MAINTAINING AN EMERGENCY OXYGEN SYSTEM**
[54] **DISPOSITIF D'INHALATION D'OXYGENE ET PROCEDE POUR MAINTENIR UN SYSTEME D'OXYGENE DE SECOURS**
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[72] MECKES, RUDIGER, DE
[73] ZODIAC AEROTECHNICS, FR
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[54] **MOTEURS THERMIQUES A CYCLE PARALLELE**
[72] HELD, TIMOTHY J., US
[72] VERMEERSCH, MICHAEL L., US
[72] XIE, TAO, US
[72] MILLER, JASON D., US
[73] ECHOGEN POWER SYSTEMS, INC., US
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[54] **3-METHANESULFONYLPROPIONITRILE POUR LE TRAITEMENT D'UNE INFLAMMATION ET DE LA DOULEUR**
[72] ST. LAURENT, JOSEPH P., US
[73] OLATEC THERAPEUTICS LLC, US
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[54] **REACTIVE POLYURETHANE COMPOSITION COMPRISING ABRASION-RESISTANT FILLERS**
[54] **COMPOSITION DE POLYURETHANE REACTIVE COMPRENANT DES CHARGES RESISTANT A L'ABRASION**
[72] BECKER-WEIMANN, KLAUS, DE
[72] FAHRLANDER, MICHAEL, DE
[73] KLEBCHEMIE M.G. BECKER GMBH & CO. KG, DE
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[54] **UN MECANISME DE VALVE ET UNE METHODE DE CONTROLE DU FLUIDE LE LONG D'UNECANALISATION DE FLUIDE**
[72] STROUP, DAVID KARL, US
[73] INFUSION INNOVATIONS, INC., US
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[54] **SYSTEM FOR MITRAL VALVE REPAIR AND REPLACEMENT**
[54] **SYSTEME DE REPARATION ET REMPLACEMENT DE VALVULE MITRALE**
[72] GIFFORD, HANSON S., III, US
[72] FANN, JAMES I., US
[72] MORRISS, JOHN, US
[72] DEEM, MARK, US
[72] GRAINGER, JEFFRY J., US
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[54] **NOUVEAUX MORPHINANES UTILES EN TANT QU'ANALGESIQUES**
[72] LAWSON, JOHN, US
[73] PHOENIX PHARMALABS, INC., US
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[54] **A WHEEL, AN ADAPTER, A KIT OF PARTS AND A METHOD**
[54] **ROUE, ADAPTATEUR, ENSEMBLE DE PIECES ET PROCEDE**
[72] SMEDING, DERK MARCEL, NL
[73] XINIX WHEEL TECHNOLOGY B.V., NL
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[54] **BLANK FOR MAKING A MAILER AND MAILER MADE THEREBY**
[54] **DECOUPE POUR REALISER UN COFFRET D'EXPEDITION ET COFFRET D'EXPEDITION AINSI REALISE**
[72] MAKOFSKY, MARVIN A., US
[72] MAKOFSKY, ROBERT, US
[72] MAKOFSKY MCCONNELL, SARI, US
[73] CONFORMER PRODUCTS, INC., US
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[72] BOYD, MICHAEL DAVID, AU
[73] CABSCAPE HOLDINGS PTY LTD, AU
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[54] **HARD CANDY WITH REDUCED SUGAR**
[54] **BONBON DUR A TENEUR REDUITE EN SUCRE**
[72] HSU, CHIA-HUA, US
[72] BARKALOW, DAVID G., US
[72] STAWSKI, BARBARA, US
[73] WM. WRIGLEY JR. COMPANY, US
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[54] **DUAL HARDNESS STEEL ARTICLE AND METHOD OF MAKING**
[54] **ARTICLE EN ACIER A DOUBLE DURETE ET PROCEDE DE FABRICATION**
[72] STEFANSSON, NJALL, US
[72] BAILEY, RONALD E., US
[72] SWIATEK, GLENN J., US
[73] ATI PROPERTIES LLC, US
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[54] **DEBITMETRE EN LIGNE**
[72] NYHART, ELDON H., JR., US
[73] BIOSYNERGETICS, INC., US
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[54] **SYSTEME CINEMA TRIDIMENSIONNEL**
[72] CHOI, HAE YONG, KR
[73] CHOI, HAE YONG, KR
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[72] DING, FRANK, US
[72] SIMMONDS, EDWARD POWERS, US
[72] PARHAM, MICHAEL LEE, US
[73] SCOTT TECHNOLOGIES, INC., US
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[54] **GRANULES EFFERVESCENTS D'ACIDE GAMMA-HYDROXYBUTYRIQUE**
[72] SUPLIE, PASCAL, FR
[72] LECOUSTEY, SYLVIE, FR
[73] DEBREGEAS ET ASSOCIES PHARMA, FR
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[54] **ASPHALT PAVING MATERIALS AND METHODS FOR MAKING THE SAME**
[54] **MATERIAUX DE REVETEMENT BITUMINEUX ET LEURS PROCEDES DE FABRICATION**
[72] ROTZ, STEVEN, US
[72] HACKER, SCOTT, US
[72] RUAN, YONGHONG, US
[73] HONEYWELL INTERNATIONAL INC., US
[85] 2013-07-19
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[25] FR
[54] **MIXING DEVICE**
[54] **DISPOSITIF DE MELANGE**
[72] CHEIO DE OLIVEIRA, JOSE, FR
[72] DAHERON, HENRI, FR
[72] RICARD, PASCAL, FR
[73] VMI, FR
[85] 2013-07-24
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[25] FR
[54] **CATALYST WHICH CAN BE USED IN HYDROTREATMENT AND WHICH INCLUDES GROUP VIII METALS AND GROUP VIB METALS, AND PREPARATION THEREOF USING CITRIC ACID AND C1-C4 DIALKYL SUCCINATE**
[54] **CATALYSEUR UTILISABLE EN HYDROTRAITEMENT COMPRENANT DES METAUX DES GROUPES VIII ET VIB ET PREPARATION AVEC DE L'ACIDE CITRIQUE ET DU SUCCINATE DE DIALKYLE C1-C4**
[72] SIMON, LAURENT, FR
[72] GUICHARD, BERTRAND, FR
[72] DE GRANDI, VALENTINA, BE
[72] MINOUX, DELPHINE, BE
[72] DATH, JEAN-PIERRE, BE
[73] IFP ENERGIES NOUVELLES, FR
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[54] **CURABLE COMPOSITION HAVING COMBINED STABILIZERS**
[54] **COMPOSITION DURCISSABLE A STABILISATEURS COMBINES**
[72] LUCKERT, JENS, DE
[72] KOHL, MATTHIAS, DE
[72] PROBSTER, MANFRED, DE
[73] HENKEL AG & CO. KGAA, DE
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[25] FR
[54] **DEVICE FOR ELECTRICALLY BRAKING A DRIVE SHAFT**
[54] **DISPOSITIF DE FREINAGE ELECTRIQUE D'UN ARBRE D'ENTRAINEMENT**
[72] PANSERI, ANNE SOPHIE, FR
[72] POYET, ARMAND, FR
[72] SIMON, ROMAIN, FR
[73] SOFINECO, FR
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[54] **BALAI DE CONTACT**
[72] BERARD, GEOFFROY, FR
[73] MERSEN FRANCE AMIENS SAS, FR
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[25] EN
[54] **MIXING APPARATUS FOR CRUSHING SLUDGE**
[54] **APPAREIL DE MELANGE POUR LE BROYAGE DE BOUES**
[72] HUH, SEUNG-NYUNG, KR
[72] HUH, JIN NYUNG, KR
[73] ECOLAB USA INC., US
[85] 2013-08-01
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[51] **Int.Cl. B01D 63/06 (2006.01) B01D 65/08 (2006.01) B01D 69/10 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR REMOVING FINELY DIVIDED SOLIDS FROM A LIQUID FLOW**
[54] **APPAREIL ET PROCEDE POUR L'ELIMINATION DE MATIERES SOLIDES FINEMENT DIVISEES D'UN FLUX DE LIQUIDE**
[72] RANTALA, PERTTI, FI
[73] SOFI FILTRATION OY, FI
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[25] EN
[54] **DEVICE FOR ANALYSING THE INTERNAL ATMOSPHERE OF THE CASING OF AN ELECTRIC ROTATING MACHINE**
[54] **DISPOSITIF D'ANALYSE DE L'ATMOSPHERE INTERNE DU CARTER D'UNE MACHINE ROTATIVE ELECTRIQUE**
[72] CASO, TAMMARO, IT
[72] ZOCCO, GIANFRANCO, IT
[73] NIDEC ASI S.P.A., IT
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[54] **CE CONTAINING, V-FREE MOBILE DENOX CATALYST**
[54] **CATALYSEUR DENOX MOBILE EXEMPT DE V, CONTENANT DU CE**
[72] AUGUSTINE, STEVEN MARK, US
[72] CHAPMAN, DAVID MONROE, US
[72] WATSON, MARK BARRETT, US
[73] CRISTAL USA INC., US
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[54] **PERMEATION ENHANCERS FOR TOPICAL FORMULATIONS**
[54] **AGENTS DE STIMULATION DE LA PENETRATION POUR DES FORMULATIONS TOPIQUES**
[72] BANOV, DANIEL, US
[72] BASSANI, AUGUST S., US
[73] PROFESSIONAL COMPOUNDING CENTERS OF AMERICA, LTD., US
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[54] **INTRODUCING AN ANALYTE INTO A CHEMICAL ANALYZER**
[54] **INTRODUCTION D'UN ANALYTE DANS UN ANALYSEUR CHIMIQUE**
[72] RAFFERTY, DAVID, US
[72] SPENCER, MICHAEL, US
[72] WYLDE, JAMES, US
[72] OJEDA, PEDRO, US
[72] BOWDEN, THOMAS, US
[73] 1ST DETECT CORPORATION, US
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[54] **MODIFIED SILICA PARTICLES**
[54] **PARTICULES DE SILICE MODIFIEE**
[72] TORNCRONA, ANDERS, SE
[72] HOLMBERG, KRISTER, SE
[72] BORDES, ROMAIN, SE
[73] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[85] 2013-08-14
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[30] EP (11158141.9) 2011-03-14
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[54] **METHOD FOR GENERATING AN ANIMAL HOMOZYGOUS FOR A GENETIC MODIFICATION**
[54] **METHODE DE PRODUCTION D'UN ANIMAL HOMOZYGOTE POUR UNE MODIFICATION GENETIQUE**
[72] POUEYMIROU, WILLIAM, US
[72] DECHIARA, THOMAS M., US
[72] AUERBACH, WOJTEK, US
[72] FRENDEWEY, DAVID, US
[72] VALENZUELA, DAVID M., US
[73] REGENERON PHARMACEUTICALS, INC., US
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[25] EN
[54] **THERAPEUTIC AGENT FOR CORNEAL SENSORY NERVE DAMAGE CONTAINING SEMAPHORIN INHIBITOR AS ACTIVE INGREDIENT**
[54] **AGENT THERAPEUTIQUE POUR UNE LESION DE NERF SENSORIEL CORNEEN CONTENANT UN INHIBITEUR DE LA SEMAPHORINE EN TANT QUE PRINCIPE ACTIF**
[72] OKANO, HIDEYUKI, JP
[72] TSUBOTA, KAZUO, JP
[72] SHIMMURA, SHIGETO, JP
[72] OMOTO, MASAHIRO, JP
[72] KISHINO, AKIYOSHI, JP
[72] MAEDA, MIHO, JP
[73] KEIO UNIVERSITY, JP
[73] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
[85] 2013-08-19
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[30] JP (2011-040128) 2011-02-25

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[25] EN
[54] **PROCESS FOR REMOVAL OF HYDROGEN SULFIDE IN DOWNHOLE OILFIELD APPLICATIONS**
[54] **PROCEDE POUR L'ELIMINATION DE SULFURE D'HYDROGENE DANS DES APPLICATIONS DE CHAMPS DE PETROLE DE FOND DE TROU**
[72] MATZA, STEPHEN D., US
[72] SMITH, MARTHA T., US
[72] FROST, JACK G., US
[73] UNITED LABORATORIES INTERNATIONAL, LLC, US
[85] 2013-08-20
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[54] **AIRPLANE SEAT PROVIDED WITH A REINFORCING STRIP FOR ABSORBING IMPACTS**
[54] **SIEGE D'AERONEF EQUIPE D'UNE BANDE DE RENFORT POUR AMORTIR LES CHOCS**
[72] SAADA, BENJAMIN JACOB, FR
[72] SAMUELIAN, JEAN-CHARLES MARCEL, FR
[72] TEJEDOR, VINCENT, FR
[73] EXPLISEAT, FR
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[30] FR (1101840) 2011-06-16

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[25] FR
[54] **PROCESS FOR LOCAL REPAIR OF A DAMAGED THERMOMECHANICAL PART AND PART THUS PRODUCED, IN PARTICULAR A TURBINE PART**
[54] **PROCEDE DE RECHARGEMENT LOCAL DE PIECE THERMOMECANIQUE ENDOMMAGEE ET PIECE AINSI REALISEE, EN PARTICULIER PIECE DE TURBINE**
[72] HUGOT, JULIETTE, FR
[72] MENUEY, JUSTINE, FR
[73] SNECMA, FR
[85] 2013-08-28
[86] 2012-03-06 (PCT/FR2012/050459)
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[25] EN
[54] **SYSTEM AND METHOD FOR SUSPECT ENTITY DETECTION AND MITIGATION**
[54] **SYSTEME ET PROCEDE POUR LA DETECTION D'UNE ENTITE SUSPECTE ET L'ATTENUATION DU RISQUE LIE A CETTE ENTITE SUSPECTE**
[72] LOVE, ROBIN S., US
[72] SGAMBATI, GLEN, US
[72] WEDGEWORTH, FREDERICK, US
[72] WINTERS, MARY, US
[72] LOCKWOOD, LUCIUS L., US
[73] EARLY WARNING SERVICES, LLC, US
[85] 2013-08-29
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[25] EN
[54] **DRIVE HEAD FOR A SYRINGE PUMP**
[54] **TETE D'ENTRAINEMENT POUR UNE POMPE A SERINGUE**
[72] ROCHETTE, FRANCOIS, FR
[73] FRESENIUS VIAL SAS, FR
[85] 2013-09-09
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[54] **JOINT STRIP**
[54] **BANDE COUVRE-JOINT**
[72] CARDIN, DANIEL, CA
[72] DUBE, JONATHAN, CA
[72] BOUCHER, YVES, CA
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
[86] (2829522)
[87] (2829522)
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[54] **AUTOMATED OBJECT MANIPULATION SYSTEM**
[54] **SYSTEME DE MANIPULATION D'OBJET AUTOMATISE**
[72] SHIRKHODAIE, AMIR, US
[72] MORIARTY, ROBERT, US
[72] MA, KONG, US
[73] ROLLS-ROYCE CORPORATION, US
[85] 2013-09-09
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[54] **DETECTION DE LA TAILLE OU DE LA REPARTITION GRANULOMETRIQUE DE PARTICULES AU MOYEN D'ONDES ACOUSTIQUES STATIONNAIRES**
[72] KERSEY, ALAN D., US
[73] CIDRA CORPORATE SERVICES INC., US
[85] 2013-09-16
[86] 2012-03-19 (PCT/US2012/029672)
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[25] EN
[54] **IMPLANTS FOR "LOAD BEARING" BONE SUBSTITUTIONS HAVING HIERARCHICAL ORGANIZED ARCHITECTURE DERIVING FROM TRANSFORMATION OF VEGETAL STRUCTURES**
[54] **IMPLANTS DE SUBSTITUTS OSSEUX <<PORTEURS>> COMPORTANT UNE ARCHITECTURE ORGANISEE HIERARCHIQUE ISSUE DE LA TRANSFORMATION DE STRUCTURES VEGETALES**
[72] TAMPIERI, ANNA, IT
[72] SPRIO, SIMONE, IT
[72] RUFFINI, ANDREA, IT
[72] WILL, JULIA, DE
[72] GREIL, PETER, DE
[72] MULLER, FRANK, DE
[72] MARTINEZ FERNANDEZ, JULIAN, ES
[72] TORRES RAYA, CARMEN, ES
[72] VARELA FERIA, FRANCISCO MANUEL, ES
[72] RAMIREZ RICO, JOAQUIN, ES
[72] HARMAND, MARIE-FRANCOISE, FR
[73] CONSIGLIO NAZIONALE DELLE RICERCHE, IT
[85] 2013-06-06
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[54] **EMBRYO TRANSFER**
[54] **TRANSFERT D'EMBRYON**
[72] GAVAGA, QUINN A., CA
[73] GAVAGA, QUINN A., CA
[86] (2830895)
[87] (2830895)
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[25] EN
[54] **METHOD FOR REPAIRING AN ALUMINIUM ALLOY COMPONENT**
[54] **PROCEDE DE REPARATION DE COMPOSANT D'ALLIAGE D'ALUMINIUM**
[72] ZANON, GIOVANNI PAOLO, IT
[72] VEZZU, SIMONE, IT
[73] GE AVIO S.R.L., IT
[85] 2013-09-23
[86] 2012-03-26 (PCT/IB2012/051434)
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[25] EN
[54] **SYRINGE WITH SYRINGE BARREL, SYRINGE HEAD AND EJECTOR UNIT**
[54] **TETE DE SERINGUE D'INJECTION, UNITE D'EJECTION ET SERINGUE D'INJECTION FORMEE A PARTIR DE CELLES-CI**
[72] PICKHARD, EWALD, AT
[72] SCHWIRTZ, ANDREAS, AT
[73] PHARMA CONSULT GES.M.B.H., AT
[85] 2013-09-24
[86] 2012-02-23 (PCT/AT2012/050024)
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[30] AT (GM 107/2011) 2011-02-23
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[25] EN
[54] **MICRO-DEVICES FOR DISEASE DETECTION**
[54] **MICRO-DISPOSITIFS POUR LA DETECTION D'UNE MALADIE**
[72] YU, CHRIS CHANG, US
[72] DU, XUEDONG, CN
[73] ANPAC BIO-MEDICAL SCIENCE CO., LTD., VG
[85] 2013-09-24
[86] 2012-01-27 (PCT/US2012/022921)
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[30] US (61/467,097) 2011-03-24
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[51] **Int.Cl. B29C 70/52 (2006.01)**
[25] EN
[54] **CONTINUOUS FIBER REINFORCED THERMOPLASTIC RODS AND PULTRUSION METHOD FOR ITS MANUFACTURE**
[54] **TIGES THERMOPLASTIQUES RENFORCEES DE FIBRES CONTINUES ET METHODE D'EXTRUSION PAR ETIRAGE POUR SA FABRICATION**
[72] NELSON, SHERRI M., US
[72] EASTEP, DAVID W., US
[72] TIBOR, TIMOTHY L., US
[72] REGAN, TIMOTHY A., US
[72] WESLEY, MICHAEL L., US
[72] STIEHM, RICHARD, US
[73] TICONA LLC, US
[85] 2013-09-24
[86] 2012-04-11 (PCT/US2012/033048)
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[54] **LASER VIDEO ENDOSCOPE**
[54] **ENDOSCOPE LASER VIDEO**
[72] URAM, MARTIN, US
[73] BEAVER-VISITEC INTERNATIONAL, INC., US
[85] 2013-10-03
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[25] FR
[54] **SPECIFIC PHOSPHONATED COPOLYMERS AND INORGANIC PARTICLES GRAFTED BY SAID COPOLYMERS**
[54] **COPOLYMERES PHOSPHONES SPECIFIQUES ET PARTICULES INORGANIQUES GREFFEES PAR LESDITS COPOLYMERES**
[72] BUVAT, PIERRICK, FR
[72] BOUCHETEAU, THOMAS, FR
[72] DAVID, GHISLAIN, FR
[72] GANACHAUD, FRANCOIS, FR
[72] KOSTJUK, SERGEI VICTOROVICH, BY
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2013-10-04
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[25] EN
[54] **HYDROPHOBIC, FUNCTIONALISED PARTICLES**
[54] **PARTICULES HYDROPHOBES FONCTIONNALISEES**
[72] DEUERLEIN, STEPHAN, DE
[72] DOMKE, IMME, US
[72] MICHAILOVSKI, ALEXEJ, DE
[72] RIEGER, REINHOLD, DE
[72] CHAROENSIRISOMBOON, PIYADA, DE
[72] BLACKWOOD, DAVID F., US
[72] EICHHOLZ, CHRISTIAN, DE
[72] BAYER, ROBERT, DE
[72] LOSCH, DENNIS, DE
[72] SHISHKOV, IGOR, DE
[73] BASF SE, DE
[73] BASF CORPORATION, US
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[51] **Int.Cl. B01D 27/04 (2006.01)**
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[54] **LIQUID FILTRATION MEDIA**
[54] **SUPPORTS DE FILTRATION PAR VOIE LIQUIDE**
[72] LIM, HYUN SUNG, US
[72] MARIN, ROBERT ANTHONY, US
[72] YOUNG, PATRICK HENRY, US
[72] CHEN, GUANGHUI, US
[72] COMPTON, TIMOTHY FREDERICK, US
[72] FRISK, SIMON, US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[30] US (61/485,830) 2011-05-13

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[25] EN
[54] **APPARATUSES, SYSTEM AND METHODS FOR FORMING PRESSED ARTICLES AND PRESSED ARTICLES FORMED THEREBY**
[54] **APPAREILS, SYSTEME ET PROCEDES POUR FORMER DES ARTICLES COMPRIMES, ET ARTICLES COMPRIMES FORMES PAR CEUX-CI**
[72] KOSZO, SANDOR, CN
[72] BARDELLI, LODOVICO, IT
[73] VECOR IP HOLDINGS LIMITED, CN
[73] MASS S.P.A., IT
[85] 2013-10-10
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[54] **PROCESS FOR DETERMINING POSITION PARAMETERS OF A MANUFACTURED SURFACE RELATIVE TO A REFERENCE SURFACE**
[54] **PROCEDE DE DETERMINATION DE PARAMETRES DE POSITION D'UNE SURFACE FABRIQUEE PAR RAPPORT A UNE SURFACE DE REFERENCE**
[72] CHAUVEAU, JEAN-PIERRE, FR
[72] ALLIONE, PASCAL, FR
[72] STEIGELMANN, DANIEL, FR
[73] ESSILOR INTERNATIONAL, FR
[85] 2013-10-11
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[54] **TUBE SEAL**
[54] **JOINT DE TUBE**
[72] LICHOULAS, TED, US
[72] TOTH, JOHN, US
[72] KIMBRELL, EDDIE, US
[73] AFL TELECOMMUNICATIONS LLC, US
[85] 2013-10-18
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[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/043 (2006.01)**
[25] EN
[54] **HOT BEVERAGE BREWING SYSTEM AND USE THEREOF**
[54] **SYSTEME DE PERCOLATION DE BOISSON CHAUDE ET SON UTILISATION**
[72] BOMBECK, KHRISTIAN, US
[72] DODGE, CASEY, US
[72] SMITH, CASEY, US
[73] ALPHA DOMINCHE HOLDINGS, INC., US
[85] 2013-10-21
[86] 2012-02-24 (PCT/US2012/026451)
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[30] US (61/447,009) 2011-02-26

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[51] **Int.Cl. B23K 26/082 (2014.01) B23K 26/03 (2006.01) B23K 26/38 (2014.01) G01B 11/00 (2006.01)**
[25] EN
[54] **METHOD FOR SCANNING A TUBE INTENDED TO BE WORKED ON A LASER CUTTING MACHINE USING A SENSOR FOR MEASURING THE RADIATION REFLECTED OR EMITTED BY THE TUBE**
[54] **PROCEDE POUR BALAYER UN TUBE DESTINE A ETRE TRAVAILLE SUR UNE MACHINE DE COUPE AU LASER QUI UTILISE UN CAPTEUR POUR MESURER LE RAYONNEMENT REFLECHI OU EMIS PAR CE TUBE**
[72] GALVAGNINI, PAOLO, IT
[72] NICOLETTI, SERGIO, IT
[72] BRIGADUE, MATTEO, IT
[73] ADIGE S.P.A., IT
[85] 2013-10-24
[86] 2012-05-14 (PCT/IB2012/052388)
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[30] IT (TO2011A000425) 2011-05-12

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[13] C
[51] **Int.Cl. C10L 5/44 (2006.01) C10L 9/08 (2006.01) F26B 23/00 (2006.01)**
[25] EN
[54] **METHOD AND AN ARRANGEMENT FOR EFFICIENT TORREFACTION OF BIOMASS**
[54] **PROCEDE ET AGENCEMENT POUR LA TORREFACTION EFFICACE D'UNE BIOMASSE**
[72] OLOFSSON, INGEMAR, SE
[72] NORDWAEGER, MARTIN, SE
[72] NORDIN, ANDERS, SE
[72] HAKANSSON, KATARINA, SE
[73] BIOENDEV AB, SE
[85] 2013-10-25
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[30] SE (1150458-6) 2011-05-18

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[51] **Int.Cl. B21F 9/00 (2006.01) E01D 11/00 (2006.01)**
[25] EN
[54] **PARALLEL WIRE CABLE**
[54] **CABLE A FILS PARALLELES**
[72] LAMBERT, WALTER L., US
[73] LAMBERT, WALTER L., US
[85] 2013-11-04
[86] 2012-04-10 (PCT/US2012/032826)
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[30] US (13/084,693) 2011-04-12

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[13] C
[51] **Int.Cl. E21B 17/042 (2006.01) F16B 33/02 (2006.01)**
[25] EN
[54] **THREAD DEVICE, THREAD JOINT AND DRILL STRING COMPONENT FOR PERCUSSIVE ROCK DRILLING**
[54] **DISPOSITIF FILETE, RACCORD VISSE ET ELEMENT DE TRAIN DE TIGES DE FORAGE POUR FORAGE DE ROCHE A PERCUSSION**
[72] BERONIUS, ALEXANDER, SE
[72] NORDFELDT, LEIF, SE
[73] EPIROC DRILLING TOOLS AKTIEBOLAG, SE
[85] 2013-11-07
[86] 2012-05-15 (PCT/SE2012/050523)
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[25] EN
[54] **PYRROLIDINYL UREA AND PYRROLIDINYL THIOUREA COMPOUNDS AS TRKA KINASE INHIBITORS**
[54] **COMPOSES DE PYRROLIDINYLE-UREE ET DE PYRROLIDINYLE THIOUREE EN TANT QU'INHIBITEURS DE KINASE TRKA**
[72] ALLEN, SHELLEY, US
[72] ANDREWS, STEVEN W., US
[72] BLAKE, JAMES F., US
[72] CONDROSKI, KEVIN R., US
[72] HAAS, JULIA, US
[72] HUANG, LILY, US
[72] JIANG, YUTONG, US
[72] KERCHER, TIMOTHY, US
[72] KOLAKOWSKI, GABRIELLE R., US
[72] SEO, JEONGBEOB, US
[73] ARRAY BIOPHARMA INC., US
[85] 2013-11-12
[86] 2012-05-09 (PCT/US2012/037003)
[87] (WO2012/158413)
[30] US (61/485,858) 2011-05-13

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[13] C
[51] **Int.Cl. C08L 3/00 (2006.01) C08F 20/10 (2006.01) C08F 20/56 (2006.01) C08J 3/02 (2006.01) C08L 71/02 (2006.01)**
[25] EN
[54] **AN ENVIRONMENTALLY FRIENDLY DISPERSION SYSTEM USED IN THE PREPARATION OF INVERSE EMULSION POLYMERS**
[54] **SYSTEME DE DISPERSION RESPECTUEUX DE L'ENVIRONNEMENT UTILISE DANS LA PREPARATION DE POLYMERES EN EMULSION INVERSE**
[72] CHANG, KIN-TAI, US
[72] WELLS, KIRK E., US
[72] MELLO, JESSE V., US
[73] NALCO COMPANY, US
[85] 2013-11-12
[86] 2012-06-05 (PCT/US2012/040827)
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[30] US (13/155,848) 2011-06-08

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[13] C
[51] **Int.Cl. B23K 26/08 (2014.01) B23K 26/38 (2014.01)**
[25] FR
[54] **LASER NOZZLE WITH MOBILE ELEMENT**
[54] **BUSE LASER A ELEMENT MOBILE**
[72] JOUANNEAU, THOMAS, FR
[72] DEBECKER, ISABELLE, FR
[72] LEFEBVRE, PHILIPPE, FR
[73] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2013-11-13
[86] 2012-04-25 (PCT/FR2012/050907)
[87] (WO2012/156608)
[30] FR (1154224) 2011-05-16

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[13] C
[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/00 (2006.01) A61M 5/168 (2006.01)**
[25] EN
[54] **FLUID INJECTION SYSTEM HAVING VARIOUS SYSTEMS FOR CONTROLLING AN INJECTION PROCEDURE**
[54] **SYSTEME D'INJECTION DE FLUIDE AYANT DIFFERENTS SYSTEMES POUR COMMANDER UNE PROCEDURE D'INJECTION**
[72] SHEARER, JOHN D., JR, US
[72] SCUTT, CHRISTOPHER M., US
[72] GRUMSKI, WALTER J., US
[72] SPOHN, MICHAEL A., US
[72] MCWILLIAMS, JARRELL T., US
[72] LONG, ARLIE D., US
[72] MORTON, RICHARD C., US
[73] BAYER HEALTHCARE LLC, US
[85] 2013-11-12
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[30] US (61/485,238) 2011-05-12

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[51] **Int.Cl. A61K 38/46 (2006.01) A61K 38/43 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR THE TREATMENT OF NEUROPSYCHIATRIC DISORDERS**
[54] **COMPOSES DESTINES AU TRAITEMENT DE TROUBLES NEUROPSYCHIATRIQUES**
[72] FALLON, JOAN M., US
[72] HEIL, MATTHEW, US
[72] SZIGETHY, JAMES F., US
[72] FALLON, JAMES J., US
[73] CUREMARK, LLC, US
[85] 2013-11-22
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[30] US (61/477,988) 2011-04-21

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[51] **Int.Cl. C07D 403/12 (2006.01)**
[25] EN
[54] **SUBSTITUTED PHENYL COMPOUNDS**
[54] **COMPOSES DE PHENYLE SUBSTITUES**
[72] GESSLER, SIMON, DE
[72] WOLLMANN, THEO, DE
[73] SANOFI, FR
[85] 2013-11-22
[86] 2012-06-25 (PCT/EP2012/062202)
[87] (WO2013/007502)
[30] EP (11305892.9) 2011-07-08

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[51] **Int.Cl. C07C 303/38 (2006.01) C07C 303/40 (2006.01) C07C 309/82 (2006.01) C07C 311/28 (2006.01)**
[25] EN
[54] **CHIRAL SYNTHESIS OF N-{3,4-DIFLUORO-2-[(2-FLUORO-4-IODOPHENYL)AMINO]-6-METHOXYPHENYL}-1-[2,3-DIHYDROXY-PROPYL]CYCLOPROPANESULFONAMIDES**
[54] **SYNTHESE CHIRALE DE N-{3,4-DIFLUORO-2-[(2-FLUORO-4-IODOPHENYL)AMINO]-6-METHOXYPHENYL}-1-[2,3-DIHYDROXY-PROPYL]CYCLOPROPANESULFONAMIDES**
[72] FEY, PETER, DE
[72] MAYER, AGATHE CHRISTINE, DE
[73] ARDEA BIOSCIENCES, INC., US
[85] 2013-11-22
[86] 2012-05-24 (PCT/EP2012/059717)
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[30] EP (11167806.6) 2011-05-27

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[51] **Int.Cl. B27B 23/00 (2006.01)**
[25] EN
[54] **CHOPPING AID DEVICE FOR USE IN CHOPPING OF FIREWOOD**
[54] **DISPOSITIF D'AIDE DE COUPE A UTILISER POUR COUPER DU BOIS DE CHAUFFAGE**
[72] SANDELIN, TEEMU, FI
[72] HEINE, MIKKO, FI
[72] SOKKA, MIKA, FI
[73] FISKARS BRANDS FINLAND OY AB, FI
[86] (2837464)
[87] (2837464)
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[25] EN
[54] **POSITIVE ALLOSTERIC MODULATORS OF NICOTINIC ACETYLCHOLINE RECEPTOR**
[54] **MODULATEURS ALLOSTERIQUES POSITIFS DES RECEPTEURS NICOTINIQUES D'ACETYLCHOLINE**
[72] ESKILDSEN, JORGEN, DK
[72] SAMS, ANETTE GRAVEN, DK
[72] PUSCHL, ASK, DK
[73] H. LUNDBECK A/S, DK
[85] 2013-11-27
[86] 2012-07-06 (PCT/EP2012/063219)
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[30] DK (PA 2011 00520) 2011-07-08
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[25] EN
[54] **IMAGE DECODING METHOD, IMAGE CODING METHOD, IMAGE DECODING APPARATUS, IMAGE CODING APPARATUS, AND IMAGE CODING AND DECODING APPARATUS**
[54] **PROCEDE DE DECODAGE D'IMAGE, PROCEDE DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE ET DISPOSITIF DE CODAGE/DECODAGE D'IMAGE**
[72] SASAI, HISAO, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] SUGIO, TOSHIYASU, JP
[72] TANIKAWA, KYOKO, JP
[72] MATSUNOBU, TORU, JP
[73] SUN PATENT TRUST, US
[85] 2013-11-27
[86] 2012-06-22 (PCT/JP2012/004068)
[87] (WO2013/001770)
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[51] **Int.Cl. A61B 17/06 (2006.01) A61B 17/04 (2006.01)**
[25] EN
[54] **OFFSET JAW SUTURING DEVICE, SYSTEM, AND METHODS**
[54] **DISPOSITIF DE SUTURES A MACHOIRES DECALEES, SYSTEME, ET PROCEDES**
[72] BELMAN, YURI, US
[72] ZATYURYUKIN, ALEXANDER BORISOVICH, RU
[72] MOORE, PATRICIA A., US
[73] BOSS INSTRUMENTS LTD., INC., US
[85] 2013-12-06
[86] 2012-06-07 (PCT/US2012/041362)
[87] (WO2012/170692)
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[51] **Int.Cl. E21B 19/08 (2006.01)**
[25] EN
[54] **SYSTEM FOR CONTINUOUS ELECTRICAL WELL CABLE FEED-THROUGH FOR A WELLHEAD AND METHOD OF INSTALLATION**
[54] **SYSTEME POUR ORIFICE D'AMENEE DE CABLE DE PUITS ELECTRIQUE CONTINUE POUR UNE TETE DE PUITS ET PROCEDE D'INSTALLATION**
[72] EMERSON, TOD D., US
[72] REEVES, JERRY L., US
[72] CANTU, LEROY, US
[72] DAUGHERTY, MICHAEL, US
[73] QUICK CONNECTORS, INC., US
[85] 2013-12-06
[86] 2012-06-08 (PCT/US2012/041669)
[87] (WO2012/170894)
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[51] **Int.Cl. B05B 7/24 (2006.01) B05B 9/04 (2006.01)**
[25] EN
[54] **PAINT CUP ASSEMBLY**
[54] **ENSEMBLE COUPELLE A PEINTURE**
[72] PELLEGRINO, BIAGIO P., US
[72] ZOELLNER, CLEMENS E., US
[72] NIXON, THOMAS R., US
[73] SAINT-GOBAIN ABRASIVES, INC., US
[73] SAINT-GOBAIN ABRASIFS, FR
[85] 2013-12-09
[86] 2012-06-28 (PCT/US2012/044648)
[87] (WO2013/003592)
[30] US (61/503,504) 2011-06-30

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[51] **Int.Cl. C23C 24/08 (2006.01) C23C 22/74 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **MULTILAYER OVERLAY SYSTEM FOR THERMAL AND CORROSION PROTECTION OF SUPERALLOY SUBSTRATES**
[54] **SYSTEME DE RECOUVREMENT MULTICOUCHE POUR LA PROTECTION THERMIQUE ET CONTRE LA CORROSION DE SUBSTRATS DE SUPERALLIAGE**
[72] BELOV, IRINA, US
[73] PRAXAIR S.T. TECHNOLOGY, INC., US
[85] 2013-12-13
[86] 2012-06-12 (PCT/US2012/041986)
[87] (WO2012/173950)
[30] US (61/496,270) 2011-06-13
[30] US (61/504,865) 2011-07-06
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[51] **Int.Cl. C06B 21/00 (2006.01) C06B 45/00 (2006.01) C06B 45/22 (2006.01)**
[25] EN
[54] **USE OF A SOLID FOR THE PRODUCTION OF A PROPELLANT POWDER**
[54] **UTILISATION D'UNE MATIERE SOLIDE POUR LA FABRICATION D'UNE POUDRE DE CHARGE PROPULSIVE**
[72] VOGELSANGER, BEAT, CH
[72] OSSOLA, BRUNO, CH
[72] HUBER, ALEXANDER, DE
[72] WAGNER, CHRISTIAN, DE
[72] HAMPEL, OLIVER, DE
[73] NITROCHEMIE ASCHAU GMBH, DE
[85] 2013-12-17
[86] 2012-03-28 (PCT/CH2012/000069)
[87] (WO2012/174669)
[30] CH (1047/11) 2011-06-21

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[51] **Int.Cl. H01B 11/06 (2006.01) H01B 13/22 (2006.01)**
[25] EN
[54] **SHIELDING FOR CABLE COMPONENTS AND METHOD**
[54] **BLINDAGE POUR COMPOSANTS DE CABLE ET PROCEDE**
[72] WEITZEL, JARED D., US
[72] CAMP, DAVID P., II, US
[73] GENERAL CABLE TECHNOLOGIES CORPORATION, US
[85] 2013-12-23
[86] 2012-07-05 (PCT/US2012/045570)
[87] (WO2013/009570)
[30] US (61/505,772) 2011-07-08
[30] US (61/513,220) 2011-07-29

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[25] EN
[54] **NANO-LAYER COATING FOR HIGH PERFORMANCE TOOLS**
[54] **REVETEMENT DE NANOCOUCHES POUR OUTILS HAUTE PERFORMANCE**
[72] ARNDT, MIRJAM, CH
[73] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH
[85] 2013-12-24
[86] 2012-06-25 (PCT/EP2012/002673)
[87] (WO2013/000557)
[30] US (61/503,038) 2011-06-30

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[13] C
[51] **Int.Cl. H02J 3/18 (2006.01) G01R 29/18 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DETERMINING AN ASSOCIATION BETWEEN NODES AND PHASES VIA A SMART GRID**
[54] **PROCEDES ET SYSTEMES POUR DETERMINER UNE ASSOCIATION ENTRE LES NOEUDS ET LES PHASES VIA UN RESEAU INTELLIGENT**
[72] BOOTH, DEREK EDWARD, US
[73] LANDIS+GYR INNOVATIONS, INC., US
[85] 2014-01-02
[86] 2012-06-20 (PCT/US2012/043311)
[87] (WO2013/006273)
[30] US (13/177,643) 2011-07-07

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[13] C
[51] **Int.Cl. E04B 1/80 (2006.01) E06B 3/663 (2006.01) E06B 7/02 (2006.01)**
[25] EN
[54] **MULTI CHAMBER GAS FILLED CONSTRUCTION PANEL**
[54] **PANNEAU DE CONSTRUCTION REMPLI DE GAZ A CHAMBRES MULTIPLES**
[72] KRALJ, ALES, SI
[72] HAJDINJAK, RUDY, SI
[73] CBS INSTITUT, CELOVITE GRADBENE RESITVE, D.O.O., SI
[73] REFLEX, GORNJA, RADGONA, D.O.O., SI
[85] 2014-01-02
[86] 2012-02-03 (PCT/SI2012/000005)
[87] (WO2013/006144)
[30] SI (P-201100244) 2011-07-04

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[51] **Int.Cl. F03B 13/18 (2006.01)**
[25] EN
[54] **WAVE ENERGY ABSORPTION UNIT**
[54] **UNITE D'ABSORPTION D'ENERGIE DES VAGUES**
[72] KOHLER, ANDERS, DK
[73] FLOATING POWER PLANT A/S, DK
[85] 2014-01-13
[86] 2012-07-04 (PCT/DK2012/050247)
[87] (WO2013/007259)
[30] EP (11173843.1) 2011-07-13

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[51] **Int.Cl. F03B 13/18 (2006.01)**
[25] EN
[54] **WAVE ENERGY ABSORBER UNIT**
[54] **UNITE D'ABSORPTION D'ENERGIE DES VAGUES**
[72] KOHLER, ANDERS, DK
[73] FLOATING POWER PLANT A/S, DK
[85] 2014-01-14
[86] 2012-07-04 (PCT/DK2012/050249)
[87] (WO2013/007261)
[30] EP (11173842.3) 2011-07-13

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[13] C
[51] **Int.Cl. B64C 27/00 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR REDUCING THE TRANSMISSION OF VIBRATION FROM A FIRST VIBRATING BODY TO A SECOND BODY**
[54] **SYSTEME ET PROCEDE POUR REDUIRE LA TRANSMISSION DES VIBRATIONS D'UN PREMIER CORPS EN VIBRATION A UN DEUXIEME CORPS**
[72] PLUMMER, ANDREW, GB
[72] COURT, PETER, GB
[72] HENDERSON, JEAN-PAUL, GB
[72] JOHNSTON, NIGEL, GB
[73] AGUSTAWESTLAND LIMITED, GB
[85] 2014-01-13
[86] 2012-03-26 (PCT/GB2012/050670)
[87] (WO2013/011264)
[30] GB (1112244.7) 2011-07-15

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[13] C
[51] **Int.Cl. A61K 39/12 (2006.01) C07K 14/005 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **RECOMBINANT FELINE LEUKEMIA VIRUS VACCINE CONTAINING OPTIMIZED FELINE LEUKEMIA VIRUS ENVELOPE GENE**
[54] **VACCIN RECOMBINANT CONTRE LE VIRUS DE LA LEUCEMIE FELINE (FELV) CONTENANT UN GENE OPTIMISE D'ENVELOPPE DU VIRUS DE LA LEUCEMIE FELINE**
[72] POULET, HERVE, FR
[72] HEIDMANN, THIERRY, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] INSTITUT GUSTAVE ROUSSY, FR
[73] UNIVERSITE PARIS-SUD, FR
[73] MERIAL, INC., US
[85] 2014-01-15
[86] 2012-02-02 (PCT/US2012/023658)
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[30] US (61/509,912) 2011-07-20

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[13] C
[51] **Int.Cl. B62K 19/30 (2006.01) B62K 21/08 (2006.01) F16F 15/00 (2006.01)**
[25] EN
[54] **SHOCK ABSORPTION SYSTEM FOR BICYCLE FRAME AND COMPONENTS**
[54] **SYSTEME D'AMORTISSEMENT DES CHOCS POUR CADRE ET ELEMENTS DE BICYCLETTE**
[72] GUILLEMETTE, MARCEL, CA
[73] BREVETS FUTEK - MSM LTEE, CA
[85] 2014-01-17
[86] 2011-07-19 (PCT/CA2011/000832)
[87] (WO2012/009795)
[30] US (12/805,222) 2010-07-19

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[13] C
[51] **Int.Cl. B01F 15/02 (2006.01) B05C 11/10 (2006.01)**
[25] EN
[54] **PAINT FORMULATION AND DISPENSING APPARATUS**
[54] **APPAREIL DE FORMULATION ET DE DISTRIBUTION DE PEINTURE**
[72] BOBOLTZ, SCOTT, US
[73] DEDOES INDUSTRIES, INC., US
[85] 2014-01-17
[86] 2012-08-02 (PCT/US2012/049283)
[87] (WO2013/019928)
[30] US (13/196,310) 2011-08-02

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[13] C
[51] **Int.Cl. B66B 23/00 (2006.01) B66B 7/02 (2006.01) B66B 23/14 (2006.01)**
[25] EN
[54] **COMPONENT HAVING A FASTENING APPARATUS FOR ADD-ON PARTS**
[54] **PIECE STRUCTURALE POURVUE D'UN DISPOSITIF DE FIXATION DESTINE A DES PIECES A MONTER**
[72] MATHEISL, MICHAEL, AT
[72] SCHULZ, ROBERT, AT
[72] ILLEDITS, THOMAS, AT
[72] HAUER, UWE, DE
[73] INVENTIO AG, CH
[85] 2014-01-21
[86] 2012-07-09 (PCT/EP2012/063361)
[87] (WO2013/010838)
[30] EP (11174899.2) 2011-07-21

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[13] C
[51] **Int.Cl. B66C 13/18 (2006.01) B66C 13/40 (2006.01)**
[25] EN
[54] **METHOD AND CONTROL ASSEMBLY FOR OPERATING IN PARALLEL AT LEAST TWO LIFTING DEVICES, IN PARTICULAR CRANES**
[54] **PROCEDE ET SYSTEME DE COMMANDE PERMETTANT DE FAIRE FONCTIONNER PARALLELEMENT AU MOINS DEUX ENGINS DE LEVAGE, S'AGISSANT NOTAMMENT DE GRUES**
[72] BEHNKE, KLAUS, DE
[73] KONECRANES GLOBAL CORPORATION, FI
[85] 2014-01-22
[86] 2012-08-23 (PCT/EP2012/066454)
[87] (WO2013/030092)
[30] DE (10 2011 053 014.2) 2011-08-26

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[51] **Int.Cl. A61K 47/66 (2017.01) A61K 49/04 (2006.01) A61K 49/14 (2006.01) A61K 51/08 (2006.01) A61P 35/00 (2006.01) G01N 33/48 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **BRAIN TUMOR TARGETING PEPTIDES AND METHODS**
[54] **PEPTIDES CIBLANT UNE TUMEUR CEREBRALE ET PROCEDES**
[72] ROBBINS, STEPHEN MARK, CA
[72] RAHN, JENNIFER, CA
[72] SENGER, DONNA LORRAINE, CA
[73] ARCH CANCER THERAPEUTICS, INC., CA
[85] 2013-11-27
[86] 2012-05-31 (PCT/CA2012/000521)
[87] (WO2012/162807)
[30] US (13/152,214) 2011-06-02

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[51] **Int.Cl. F16C 11/10 (2006.01) A47C 1/025 (2006.01) B60N 2/235 (2006.01)**
[25] EN
[54] **RECLINER MECHANISM WITH BACKDRIVING FEATURE**
[54] **MECANISME D'INCLINAISON AVEC CARACTERISTIQUE D'ENTRAINEMENT INVERSE**
[72] HELLRUNG, JACOB P., US
[73] FISHER & COMPANY, INCORPORATED, US
[86] (2843667)
[87] (2843667)
[22] 2014-02-24
[30] US (61/769,434) 2013-02-26
[30] US (14/186,303) 2014-02-21

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[51] **Int.Cl. C08G 18/10 (2006.01) C08G 18/12 (2006.01) C08G 18/32 (2006.01) C08G 18/38 (2006.01) C08G 18/65 (2006.01) C08G 18/68 (2006.01)**
[25] EN
[54] **COATING COMPOSITION AND USE THEREOF**
[54] **COMPOSITION DE REVETEMENT ET SON UTILISATION**
[72] WEIJNEN, JOHN, NL
[72] DE WIT, JOOST, NL
[73] PPG EUROPE BV, NL
[85] 2014-02-11
[86] 2012-08-17 (PCT/EP2012/066141)
[87] (WO2013/026804)
[30] EP (PCT/EP2011/064295) 2011-08-19

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[13] C
[51] **Int.Cl. A61M 25/00 (2006.01)**
[25] EN
[54] **A CATHETER HAVING A PRESSURE ACTIVATED SPLITTABLE FEATURE**
[54] **CATHETER AYANT UN ELEMENT POUVANT ETRE SEPAREE ACTIVEE PAR PRESSION**
[72] MOULTON, WILLIAM G., US
[72] HORTIN, JUSTIN G., US
[72] MCMURRAY, JEFFREY R., US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2014-02-21
[86] 2012-08-07 (PCT/US2012/049858)
[87] (WO2013/028348)
[30] US (13/216,029) 2011-08-23

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[13] C
[51] **Int.Cl. B65D 47/22 (2006.01)**
[25] EN
[54] **INJECTION CLOSURE SYSTEM**
[54] **SYSTEME DE FERMETURE A INJECTION**
[72] WILSON, TRACIE L.C., US
[72] WHISENHUNT, JAMES A., US
[72] PUGNE, DARIN M., US
[73] MCCORMICK & COMPANY, INCORPORATED, US
[86] (2846588)
[87] (2846588)
[22] 2014-03-14
[30] US (61/798,509) 2013-03-15

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[51] **Int.Cl. B23B 31/20 (2006.01) B23B 45/00 (2006.01) B25B 33/00 (2006.01) B25F 5/02 (2006.01)**
[25] EN
[54] **WRENCH FOR ROTARY TOOL**
[54] **CLE POUR OUTIL ROTATIF**
[72] BERNARDI, WALTER, US
[73] ROBERT BOSCH GMBH, DE
[85] 2014-03-07
[86] 2012-09-07 (PCT/US2012/054217)
[87] (WO2013/036800)
[30] US (13/228,066) 2011-09-08

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[13] C
[51] **Int.Cl. F16B 39/282 (2006.01) F16B 23/00 (2006.01) F16B 39/12 (2006.01) F16B 39/32 (2006.01)**
[25] EN
[54] **RATCHET LOCKING MECHANISM FOR THREADED FASTENER**
[54] **MECANISME DE BLOCAGE A ROCHET POUR ELEMENT D'ASSEMBLAGE FILETE**
[72] HESS, HAROLD, US
[73] HESS, HAROLD, US
[85] 2014-03-12
[86] 2011-09-12 (PCT/US2011/051189)
[87] (WO2012/037014)
[30] US (61/403,332) 2010-09-14

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[13] C
[51] **Int.Cl. A61F 2/28 (2006.01) A61L 31/06 (2006.01)**
[25] EN
[54] **BURR HOLE PLUG DESIGNS**
[54] **CONCEPTIONS DE CHEVILLE DE TROU PRATIQUE A L'AIDE D'UNE FRAISE**
[72] FUNDERBURK, JEFFERY V., US
[73] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
[85] 2014-03-12
[86] 2012-09-13 (PCT/US2012/055212)
[87] (WO2013/040243)
[30] US (61/534,269) 2011-09-13

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[54] **COMPOSE D'ACIDE GUANIDINOBENZOIQUE**
[72] FUJIYASU, JIRO, JP
[72] OHNE, KAZUHIKO, JP
[72] YAMAKI, SUSUMU, JP
[72] IMAIZUMI, TOMOYOSHI, JP
[72] HONDO, TAKESHI, JP
[72] MATSUURA, KEISUKE, JP
[72] SATOU, TOMOHKI, JP
[72] SASAMURA, SATOSHI, JP
[73] ASTELLAS PHARMA INC., JP
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[54] **LIAISON DIRECTE DE PISTON DE STATIONNEMENT A UNE TIGE DE RELACHEMENT DE PRESSION AUTOMATIQUE**
[72] PLANTAN, RONALD S., US
[72] DARNER, BRETT S., US
[73] BENDIX SPICER FOUNDATION BRAKE LLC, US
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[54] **CIRCUIT FILTRANT A IMPULSIONS ETROITES DOTE D'UNE COMPENSATION AUTOMATIQUE ET REGULATEUR DU NOMBRE DE TOURS APPLIQUANT CELUI-CI**
[72] GUO, YUEFEI, CN
[72] LIN, ZHOUPING, CN
[72] YU, CHONG, CN
[72] KANG, JUN, CN
[72] CHENG, KUN, CN
[73] BROAD-OCEAN MOTOR EV CO., LTD, CN
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[54] **DRILL STRING TUBULAR COMPONENT**
[54] **COMPOSANT TUBULAIRE DE TRAIN DE TIGES DE FORAGE**
[72] MACHOCKI, KRZYSZTOF, GB
[73] NXG TECHNOLOGIES LIMITED, GB
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[54] **SYSTEM AND METHOD TO FACILITATE ANALYSIS OF BRAIN INJURIES AND DISORDERS**
[54] **SYSTEME ET PROCEDE POUR FACILITER L'ANALYSE DE LESIONS ET TROUBLES DU CERVEAU**
[72] ALBERTS, JAY L., US
[73] THE CLEVELAND CLINIC FOUNDATION, US
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[54] **TRANSBORDEUR DE LIQUIDES PORTATIF**
[72] KENAN, MICHAEL, US
[72] COOK, ANTHONY J., US
[72] PARRIS, DOUGLAS S., US
[73] SAM CARBIS ASSET MANAGEMENT, LLC, US
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[54] **COMPOSITION AND METHOD FOR TREATING WOUNDS**
[54] **COMPOSITION ET METHODE DE TRAITEMENT DE LESIONS**
[72] HENSBY, CHRISTOPHER N., FR
[72] SILVANDER, MATS, SE
[73] QUINNOVA PHARMACEUTICALS, INC., US
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[54] **PROCESS FOR PREPARING EXPANDED COPOLYMERS BASED ON POLY(METH)ACRYLIMIDE COMPRISING AN ADHESION PROMOTER**
[54] **PROCEDE DE PRODUCTION DE COPOLYMERES EXPANSES A BASE DE POLY(METH)ACRYLIMIDE CONTENANT UN AGENT ADHESIF**
[72] BUHLER, SEBASTIAN, DE
[72] KRAATZ, ARNIM, DE
[72] PIOTROWSKI, INA, DE
[72] BERNHARD, KAY, DE
[73] EVONIK ROHM GMBH, DE
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[54] **CONTEXT RELEVANT INTERACTIVE TELEVISION**
[54] **TELEVISION INTERACTIVE EN FONCTION DU CONTEXTE**
[72] URRABAZO, ROGER, US
[72] RICE, DAVE, US
[72] LA, JOHN, US
[72] GLIDDEN, TODD R., US
[72] RAMAN, VISHWAS, US
[73] EXCALIBUR IP, LLC, US
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[54] **SIEGE DE SOUPAPE ANTI-CAVITATION**
[72] FOLK, ROBERT, US
[72] BECKER, DAVID, US
[73] CLA-VAL CO., US
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[54] **SYSTEME DE MUR**
[72] GEELS, MICHAEL G., US
[72] TORCIVIA, JOANNE, US
[72] CARSWELL, DANE H., US
[72] MATHISON, JEFFERY J., US
[73] DELTA FAUCET COMPANY, US
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[72] VIITAMAKI, MARKUS, FI
[73] RMV TECH OY, FI
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[54] **METHOD AND ARRANGEMENT FOR TORREFACTION WITH CONTROLLED ADDITION OF COOLING LIQUID TO THE TORREFIED MATERIAL**
[54] **PROCEDE ET DISPOSITIF POUR LA TORREFACTION COMPRENANT ADDITION CONTROLEE DE LIQUIDE DE REFROIDISSEMENT A LA MATIERE TORREFIEE**
[72] BJORKLUND, PETER, SE
[73] VALMET AB, SE
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[54] **CAVALIER POUR CONNECTER ELECTRIQUEMENT DES POLES DE COMMUTATION ELECTRIQUES, ET APPAREIL DE COMMUTATION ELECTRIQUE EN ETANT POURVU**
[72] KOLBERG, KENNETH D., US
[72] WHALEN, THOMAS M., US
[72] SHEA, JOHN J., US
[72] LIPSEY, PERCY J., US
[73] EATON INTELLIGENT POWER LIMITED, IE
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[54] **SYSTEM AND METHOD FOR ALERTING AND TRACKING WITH IMPROVED CONFIDENTIALITY**
[54] **SYSTEME ET PROCEDE D'AVERTISSEMENT ET DE POURSUITE A CONFIDENTIALITE AMELIOREE**
[72] MALTERUD, HANS, NO
[72] HANSEN, YNGVAR (DECEASED), NO
[73] MALTERUD, HANS, NO
[73] ROPSTAD HANSEN, INGER, NO
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[54] **METHODE DE TRAITEMENT DE DECHETS DE FIBRE DE VERRE**
[72] RIESS, MICHAEL, DE
[72] ZILLES, JORG ULRICH, DE
[72] PANIC, NICOLA, DE
[73] QUARZWERKE GMBH, DE
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[54] **GRILLE PROFILEE A BARREAUX POUR CUVES DE LESSIVEUR**
[72] VINJE, MIKAEL, SE
[72] SODERMAN, JERK, SE
[73] VALMET AB, SE
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[54] **PAPER LAMINATES MADE FROM DECOR PAPER HAVING IMPROVED OPTICAL PERFORMANCE COMPRISING TREATED INORGANIC PARTICLES**
[54] **PAPIERS STRATIFIES FABRIQUES A PARTIR DE PAPIER DECOR AYANT UNE PERFORMANCE OPTIQUE AMELIOREE COMPRENANT DES PARTICULES INORGANIQUES TRAITEES**
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[72] VANHECKE, FRANCK ANDRE, BE
[73] THE CHEMOURS COMPANY FC, LLC, US
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[54] **METHOD AND APPARATUS FOR MILLING OF RAILROAD TRACK**
[54] **APPAREIL ET PROCEDE DE BROYAGE DE VOIE FERREE**
[72] BEHRENS, JON THOMAS, US
[73] LORAM MAINTENANCE OF WAY, INC., US
[85] 2014-07-15
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[54] **CAPTEUR TACTILE ULTRASONORE A MONITEUR D'AFFICHAGE**
[72] SCHNEIDER, JOHN K., US
[72] KITCHENS, JACK C., US
[73] QUALCOMM INCORPORATED, US
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[54] **PH20 POLYPEPTIDE VARIANTS, FORMULATIONS AND USES THEREOF**
[54] **VARIANTS DU POLYPEPTIDE PH20, FORMULATIONS EN CONTENANT ET LEURS UTILISATIONS**
[72] WEI, GE, US
[72] SHEPARD, H. MICHAEL, US
[72] ZHAO, QIPING, US
[72] CONNOR, ROBERT JAMES, US
[73] HALOZYME, INC., US
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[72] LAROUCHE, ANDRE, CA
[72] HEBERT, ERIC, CA
[72] JEAN, DANNY, CA
[72] LANGLAIS, JOSEPH, CA
[72] LAVOIE, SERGE, CA
[73] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
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[54] **COMPOSITES D'INCLUSION MEDICAMENT/EXCIPIENT FABRIQUES PAR UN PROCEDE D'ACTIVATION MECANOCHIMIQUE UTILISANT DES BROYEURS A JET DE FLUIDE A HAUTE ENERGIE**
[72] CARLI, FABIO, CH
[72] IAMARTINO, PIERO, CH
[72] LEONE, MILKO, CH
[73] MICRO-MACINAZIONE S.A., CH
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[54] **POMPE HYDRAULIQUE DE FOND DE TROU**
[72] STOKLEY, CHARLES O., US
[73] TECH FLO CONSULTING, LLC, US
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[54] **CARACTERISATION DU CONTENU DE CONDUITS, EN PARTICULIER DE CONDUITS A ECOULEMENT POLYPHASIQUE**
[72] HOFFMANN, RAINER JOSEF, NO
[72] CLARK, WILLIAM GEORGE, NO
[72] AMUNDSEN, LENE, NO
[72] SCHULKES, RUBEN, NO
[73] STATOIL PETROLEUM AS, NO
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[72] BUCKNELL, JOHN WENTWORTH, AU
[73] TECHNOFAST INDUSTRIES PTY LTD, AU
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[54] **SYSTEME ET PROCEDE DE GESTION DE SPECTRE**
[72] SUN, CHEN, CN
[72] GUO, XIN, CN
[73] SONY CORPORATION, JP
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[54] **POMPE ENTRAINEE PAR UN MOTEUR ELECTRIQUE**
[72] VUKAS, VLADIMIR, CA
[72] LI, JIANWEN, CA
[72] GANESAN, KARTHIKEYAN, CA
[72] WANG, LIPING, CA
[73] MAGNA POWERTRAIN OF AMERICA INC., US
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[54] **SELS DE BESYLATE ET TOSYLATE D'UN DERIVE DE DIHYDROQUINAZOLINE ET LEUR UTILISATION EN TANT QU'AGENTS ANTIVIRAUX**
[72] MARTENS, WELLJANNE, DE
[72] SCHICKANEDER, CHRISTIAN, DE
[73] AICURIS ANTI-INFECTIVE CURES GMBH, DE
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[54] **PROCEDE ET SYSTEME MIS EN OEUVRE PAR UN ORDINATEUR ET SYSTEME POUR LA CREATION DE CONTENU**
[72] ZUPANCIC, JOHN, CA
[73] WRIBER INC., CA
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[54] **PROCEDE ET TROUSSE DE DETECTION DU PIC PREOVULATOIRE DE LH**
[72] DECOURTYE, JEREMY, FR
[72] DUPUY, LAURENCE, FR
[72] KARA, ELODIE, FR
[72] MAUREL, MARIE-CHRISTINE, FR
[73] REPROPHARM VET, FR
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[54] **DISPOSITIF D'ALLUMAGE A PLASMA HAUTE FREQUENCE**
[72] ARMBRECHT, GUNNAR, DE
[72] WOLLITZER, MICHAEL, DE
[72] SCHMID, THOMAS, DE
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
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[54] **DISPOSITIF DE DECHARGE D'UNE SURTENSION ELECTRIQUE**
[72] KLEIN, THOMAS, DE
[72] ZERRER, MICHAEL, DE
[72] LEONHARDT, GOTTFRIED, DE
[73] PFISTERER KONTAKTSYSTEME GMBH, DE
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[54] **PROCEDES ET APPAREIL POUR COMMANDER DES MACHINES DE JEU DE CASINO**
[72] KEILWERT, STEFAN, AT
[73] IGT CANADA SOLUTIONS ULC, CA
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[54] **MACHINE ELECTRIQUE A AIMANT PERMANENT**
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[73] RADIAL FLUX LABORATORIES PTY LTD, AU
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[54] **DEVICE FOR TREATING AN OCULAR DISORDER**
[54] **DISPOSITIF DE TRAITEMENT D'UN TROUBLE OCULAIRE**
[72] RYNERSON, JAMES, M., US
[73] BLEPHEX, LLC, US
[85] 2014-11-07
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[54] **ELECTROMAGNETIC ENERGY HARVESTER AND A DOOR LATCH RELEASE MECHANISM AS AN ENERGY SOURCE FOR THE HARVESTER**
[54] **EXECUTION ELECTRONIQUE DE MISES SUR L'ECART BASEES SUR UNE COMPARAISON ENTRE L'ARGENT COMPTANT ET DES CONTRATS A TERME**
[72] HANCHETT, LELAND J., JR., US
[73] HANCHETT ENTRY SYSTEMS, INC., US
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[54] **SYNTHESE DE PYRROLO [2, 3 - B] PYRIDINES**
[72] IBRAHIM, PRABHA N., US
[73] PLEXXIKON INC., US
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[54] **SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A CONTACTLESS PROTOCOL**
[54] **SYSTEMES, PROCEDES ET PRODUITS PROGRAMMES D'ORDINATEUR POUR FOURNIR UN PROTOCOLE SANS CONTACT**
[72] BUSH, LARRY L., US
[72] TOMCZAK, CHRISTOPHER J., US
[73] GOOGLE LLC, US
[85] 2014-11-24
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[54] **SUTURE SECUREMENT DEVICES**
[54] **DISPOSITIFS DE FIXATION DE SUTURE**
[72] JAFARI, MOHAMMAD, US
[72] WU, MING H., US
[72] CAO, HENGCHU, US
[72] SCHNEIDER, RALPH, US
[73] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **SELECTIVE TILTING ARRANGEMENT FOR A BLIND SYSTEM FOR COVERINGS FOR ARCHITECTURAL OPENINGS**
[54] **DISPOSITIF D'INCLINAISON SELECTIVE DE SYSTEME DE STORE POUR PAREMENT D'OUVERTURES MENAGEES DANS UN BATIMENT**
[72] FRASER, DONALD E., US
[73] HUNTER DOUGLAS INC., US
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[54] **LAMP FOR SABBATH**
[54] **LAMPE DESTINEE AU SABBATH**
[72] ZAURITZ, ILA, CL
[73] KOSHER INNOVATIONS LTD., CA
[86] (2877772)
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[54] **MULTIFUNCTIONAL FLUID METER AND METHOD FOR MEASURING COOLANT, BIO-DIESEL, GAS-ETHANOL AND DEF**
[54] **DISPOSITIF DE MESURE DE FLUIDE MULTIFONCTION ET PROCEDE POUR MESURER UN AGENT DE REFROIDISSEMENT, UN BIO-DIESEL, UN GAZ-ETHANOL ET UN FLUIDE DE MOTEUR DIESEL**
[72] GREER, JAMES, US
[72] GUTHRIE, ROBERT J., US
[72] COATES, JOHN, US
[73] SPECTRO SCIENTIFIC, INC., US
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[25] EN
[54] **METHOD FOR ARRANGING A FOIL IN A TRAY**
[54] **PROCEDE POUR DISPOSER UNE FEUILLE DANS UN PLATEAU**
[72] ZWAGA, RONALD, NL
[72] DE OLDE, REMI, NL
[72] TASMA, ALAIN WIETSE BASTIAAN, NL
[73] PACKABLE B.V., NL
[85] 2015-01-12
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[25] EN
[54] **LASER WELDED SHAPED STEEL**
[54] **ACIER FACONNE SOUDE AU LASER**
[72] SAKURADA, YASUHIRO, JP
[72] NAKAKO, TAKEFUMI, JP
[72] ASADA, HIROSHI, JP
[73] NISSHIN STEEL CO., LTD., JP
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[54] **VERTICAL AXIS WIND AND HYDRAULIC TURBINE WITH FLOW CONTROL**
[54] **TURBINE EOLIENNE ET HYDRAULIQUE A AXE VERTICAL AVEC COMMANDE D'ECOULEMENT**
[72] RUBIO, HUMBERTO ANTONIO, AR
[73] RUBIO, ANA ELISA, AR
[73] RUBIO, HUMBERTO ANTONIO, AR
[85] 2015-01-16
[86] 2013-07-16 (PCT/IB2013/055839)
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[54] **CHECKLIST DISPLAY SYSTEM, METHOD AND GRAPHICAL DISPLAY THEREFOR**
[54] **SYSTEME D'AFFICHAGE DE LISTE DE VERIFICATION, PROCEDE ET AFFICHAGE GRAPHIQUE ASSOCIES**
[72] BLOND, AURELIEN, CA
[72] DUCHESNE, SOPHIE, CA
[72] OUELLETTE, BENOIT, CA
[72] ROUTHIER, NADIA, CA
[73] BOMBARDIER INC., CA
[73] C SERIES AIRCRAFT LIMITED PARTNERSHIP, CA
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[54] **ICE ADAPTIVE TIRE SYSTEM**
[54] **SYSTEME DE PNEU ADAPTATIF POUR LE VERGLAS**
[72] FINK, NORMAN S., US
[73] ICE ADAPTIVE TIRES, LLC, US
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[54] **HARDENING ACCELERATOR COMPOSITION FOR CEMENTITIOUS COMPOSITIONS**
[54] **COMPOSITION D'ACCELERATEUR DE DURCISSEMENT POUR COMPOSITIONS CIMENTAIRES**
[72] NICOLEAU, LUC, DE
[72] LEITNER, HUBERT, AT
[73] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
[85] 2015-02-06
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[54] **DIGITAL JUKEBOX DEVICE WITH IMPROVED USER INTERFACES, AND ASSOCIATED METHODS**
[54] **DISPOSITIF DE JUKE-BOX NUMERIQUE AYANT DES INTERFACES D'UTILISATEUR PERFECTIONNEES, ET PROCEDES ASSOCIES**
[72] BEAUMIER, FRANCOIS, US
[72] DESMARAIS, REMI, US
[72] HEBERT, SEBASTIEN, US
[72] GRATTON, LOIC, US
[72] KHENFIR, MOUNIR, US
[72] RIVERA, ED, US
[72] TOOKER, MICHAEL, US
[72] POMPIDOR, CHRISTIAN, US
[73] TOUCHTUNES MUSIC CORPORATION, US
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[54] **APPAREIL, SYSTEME ET METHODE DE SOUTIEN D'UN ASSEMBLAGE D'AILE**
[72] DESJARDIEN, MATTHEW RAY, US
[72] REID, ERIC M., US
[72] BEST, STEVEN A., US
[72] SHIN, JAEEUN, US
[73] THE BOEING COMPANY, US
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[54] **MOUTH CAMERA**
[54] **CAMERA POUR LA BOUCHE**
[72] BLACKMAN, TRAVIS A., CA
[73] BLACKMAN, TRAVIS ALEXANDER, CA
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[25] EN
[54] **PRE-SOAK TECHNOLOGY FOR LAUNDRY AND OTHER HARD SURFACE CLEANING**
[54] **TECHNOLOGIE DE PRETREMPAGE POUR BLANCHISSAGE ET AUTRE NETTOYAGE DE SURFACES DURES**
[72] MARTINEZ-CROWLEY, MELISSA, US
[72] BLANKS, AMIE, US
[72] MOORE, RACHEL, US
[73] ECOLAB USA INC., US
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[54] **PAVE TACTILE SENSIBLE A LA PRESSION**
[72] TENUTA, MATTHEW DOMINIC, US
[72] LEIBA, AARON, US
[73] GOOGLE LLC, US
[85] 2015-03-24
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[54] **ALKALINE BATTERY OPERATIONAL METHODOLOGY**
[54] **METHODOLOGIE DE FONCTIONNEMENT DE BATTERIE ALCALINE**
[72] SHOLKLAPPER, TAL, US
[72] GALLAWAY, JOSHUA, US
[72] STEINGART, DANIEL, US
[72] INGALE, NILESH, US
[72] NYCE, MICHAEL, US
[73] RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK, US
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[54] **POWER TONG SPOOL VALVE SPEED LIMITING SYSTEM**
[54] **MECANISME LIMITEUR DE VITESSE DE TIROIR CYLINDRIQUE DE CLE DE VISSAGE AUTOMATIQUE**
[72] WEBRE, CHARLES M., US
[72] THIBODEAUX, JARRED M., US
[72] NEUVILLE, DAX J., US
[73] FRANK'S INTERNATIONAL, LLC, US
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[54] **FORME DE DOSAGE SOLIDE**
[72] BENG, STEPHEN LIM CHIN, AU
[72] SUNDERLAND, VIVIAN BRUCE, AU
[72] LEE, EDDY YIP HANG, SG
[73] IX BIOPHARMA LTD, SG
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[30] AU (2012238330) 2012-10-11
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[54] **SYNTHESIS OF MSE-FRAMEWORK TYPE MOLECULAR SIEVES**
[54] **SYNTHESE DE TAMIS MOLECULAIRES DU TYPE A STRUCTURE MSE**
[72] BURTON, ALLEN W., US
[72] WEIGEL, SCOTT J., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[72] GIULIANI, ENRICO, IT
[73] NEURON GUARD S.R.L., IT
[85] 2015-04-09
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[54] **AN INNER DETECTING DEVICE FOR SUBSEA OIL AND GAS PIPELINE**
[54] **DISPOSITIF DE DETECTION INTERNE POUR PIPELINE SOUS-MARIN DE PETROLE ET DE GAZ**
[72] HUANG, SONGLING, CN
[72] ZHAO, WEI, CN
[72] WANG, SHEN, CN
[72] YU, XINJIE, CN
[72] CHEN, JUNJIE, CN
[72] WEI, ZHENG, CN
[73] TSINGHUA UNIVERSITY, CN
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[86] 2014-09-16 (PCT/CN2014/086655)
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[25] EN
[54] **CHARACTERIZATION OF PETROLEUM SATURATES USING MALDI AND FT ION CYCLOTRON RESONANCE MASS SPECTROSCOPY**
[54] **CARACTERISATION DE COMPOSES SATURES DE PETROLE AU MOYEN D'UNE SPECTROSCOPIE DE MASSE MALDI ET A RESONANCE CYCLOTRONIQUE IONIQUE A FT**
[72] MENNITO, ANTHONY S., US
[72] QIAN, KUANGNAN, US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[30] US (13/832,564) 2013-03-15

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[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING ENCODING MODE**
[54] **METHODE ET APPAREIL DE DETERMINATION DE MODE DE CODAGE**
[72] CHOO, KI-HYUN, KR
[72] POROV, ANTON VICTOROVICH, RU
[72] OSIPOV, KONSTANTIN SERGEEVICH, RU
[72] LEE, NAM-SUK, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **SMOKING ARTICLE WITH REMOVABLE CAP**
[54] **ARTICLE A FUMER AYANT UN CAPUCHON AMOVIBLE**
[72] MIRONOV, OLEG, CH
[72] LAVANCHY, FREDERIC, CH
[72] LOUVET, ALEXIS, CH
[72] CARRARO, ANDREA, CH
[72] SCHMIDT, JOHANN, DE
[73] PHILIP MORRIS PRODUCTS S.A., CH
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[25] EN
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[54] **DERIVES 3-(SUBSTITUE EN POSITION 4')-BENZYLETHER DE LA PREGNENOLONE**
[72] PIAZZA, PIER VINCENZO, FR
[72] VALLEE, MONIQUE, FR
[72] FELPIN, FRANCOIS-XAVIER, FR
[72] REVEST, JEAN-MICHEL, FR
[72] FABRE, SANDY, FR
[73] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[73] ALIENOR FARMA, FR
[73] UNIVERSITE DE BORDEAUX, FR
[85] 2015-05-22
[86] 2013-11-27 (PCT/EP2013/074886)
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[51] **Int.Cl. G01N 1/31 (2006.01) B01L 3/00 (2006.01) C12M 1/34 (2006.01) C40B 30/04 (2006.01) C40B 60/00 (2006.01)**
[25] EN
[54] **ASSAY MODULES HAVING ASSAY REAGENTS AND METHODS OF MAKING AND USING SAME**
[54] **MODULES D'ESSAIS A REACTIFS D'ESSAIS ET LEURS PROCEDES DE PREPARATION ET D'EMPLOI**
[72] GLEZER, ELI N., US
[72] JEFFREY-COKER, BANDELE, US
[72] DEBAD, JEFF D., US
[72] KUMAR, SUDEEP M., US
[72] SIGAL, GEORGE, US
[72] SPIELES, GISBERT, US
[72] TSIONKSY, MICHAEL, US
[72] WARNOCK, MICHAEL, US
[73] MESO SCALE TECHNOLOGIES, LLC, US
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[30] US (60/752,513) 2005-12-21
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[51] **Int.Cl. H04H 20/18 (2009.01) H04J 11/00 (2006.01)**
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[54] **SYNCHRONIZATION OF SEPARATED PLATFORMS IN AN HD RADIO BROADCAST SINGLE FREQUENCY NETWORK**
[54] **SYNCHRONISATION DE PLATEFORMES SEPAREES DANS UN RESEAU MONO-FREQUENCE DE DIFFUSION DE HD RADIO**
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[72] MATTSON, STEPHEN DOUGLAS, US
[72] BALASUBRAMANIAN, MUTHU GOPAL, US
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[54] **SOUPAPE DE SECURITE A AMORTISSEUR ROTATIF**
[72] KOVASH, DEAN A., US
[72] MAYER, TODD C., US
[72] KUDRNA, KENT J., US
[73] STEFFES CORPORATION, US
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[54] **A DEVICE FOR A MACHINE OF DISPLACEMENT TYPE, A CONTROLLING GEAR ARRANGEMENT FOR THE DEVICE, AND USAGE OF THE CONTROLLING GEAR ARRANGEMENT**
[54] **DISPOSITIF POUR MACHINE DE DEPLACEMENT, AGENCEMENT DE MECANISME DE COMMANDE POUR LE DISPOSITIF, ET UTILISATION DE L'AGENCEMENT DU MECANISME DE COMMANDE**
[72] KAROLIUSSEN, HILBERG I., NO
[73] OTECHOS AS, NO
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[54] **EFFICIENT QUERY PROCESSING USING HISTOGRAMS IN A COLUMNAR DATABASE**
[54] **TRAITEMENT EFFICACE DE REQUETES AU MOYEN D'HISTOGRAMMES DANS UNE BASE DE DONNEES COLONNAIRE**
[72] GUPTA, ANURAG WINDLASS, US
[73] AMAZON TECHNOLOGIES, INC., US
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[73] BLUEBEAM SOFTWARE, INC., US
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[54] **FLUIDES D'ISOLATION A BASE AQUEUSE ET PROCEDES ASSOCIES**
[72] EZELL, RYAN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SANDER, ESPECIALLY FOR SANDING CURVED SURFACES**
[54] **PONCEUSE, DESTINEE SPECIALEMENT AU PONCAGE DE SURFACES COURBES**
[72] FRONEK, PETR, CZ
[73] FRONEK, PETR, CZ
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[54] **MACHINE DE COUPE ELECTRONIQUE**
[72] CRYSTAL, JEREMY B., US
[72] GUBLER, JEFFERY V., US
[72] ROPER, CLARK L., US
[72] COLBY, JIM A., US
[72] TORGERSON, DANIEL, US
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[72] WAIBEL, MATTHEW, US
[72] WOLDBERG, ROBERT, US
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[54] **SYSTEMS AND METHODS FOR SCHEDULING OF DATA PACKETS BASED ON APPLICATION DETECTION IN A BASE STATION**
[54] **SYSTEMES ET PROCEDES DE PROGRAMMATION DE PAQUETS DE DONNEES PAR DETECTION D'APPLICATION DANS UNE STATION DE BASE**
[72] DAHOD, ASHRAF M., US
[72] CHOWDHURY, KUNTAL, US
[73] ALTIOSTAR NETWORKS, INC., US
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[54] **CARTE DE CIRCUIT IMPRIME DE COLLECTEUR DE SOUPAPE AVEC LIGNE DE CIRCUIT DE COMMUNICATION EN SERIE**
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[72] HERIOT, SCOTT D., US
[72] HUNDT, MICHAEL W., US
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[54] **EYE GAZE DETECTING DEVICE AND EYE GAZE DETECTION METHOD**
[54] **DISPOSITIF DE DETECTION OCULAIRE ET METHODE DE DETECTION OCULAIRE**
[72] TAGUCHI, AKINORI, JP
[72] NAKASHIMA, SATOSHI, JP
[73] FUJITSU LIMITED, JP
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[73] DERRICK CORPORATION, US
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[72] KANJICKAL, DEENU G., US
[72] NICKERSON, JAMES J., US
[72] TRIEBES, THOMAS G., US
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[54] **DETERMINATION D'UN ELEMENT MAL PLACE AU MOYEN DE DONNEES D'IDENTIFICATION PAR FREQUENCE RADIO**
[72] JONES, NICHOLAUS A., US
[72] BOURLON, JARROD LEE, US
[72] STIEFEL, THOMAS E., US
[73] WALMART APOLLO, LLC, US
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[54] **DETECTEUR DE PRESENCE DE LOGOS BASE SUR DES CARACTERISTIQUES DE MELANGE**
[72] BAUM, KEVIN L., US
[72] ISHTIAQ, FAISAL, US
[73] ARRIS ENTERPRISES LLC, US
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[54] **APPAREIL DE DETECTION DE PARTICULES DANS UN LIQUIDE**
[72] IVERSEN, KAARE, DK
[72] DAHLQVIST, MATHIS, DK
[72] GULDBOEK SMITH, CHRISTIAN, DK
[73] GRUNDFOS HOLDING A/S, DK
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[54] **METHODS AND COMPOSITIONS FOR USE IN OIL AND/OR GAS WELLS**
[54] **PROCEDES ET COMPOSITIONS EN VUE D'UNE UTILISATION DANS DES PUITS DE PETROLE ET/OU DE GAZ**
[72] CHAMPAGNE, LAKIA M., US
[72] FURSDON-WELSH, ANGUS, US
[72] LETT, NATHAN L., US
[72] GREEN, MARIA ELIZABETH, US
[72] GERMACK, DAVID, US
[72] DISMUKE, KEITH INGRAM, US
[72] HILL, RANDALL M., US
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[72] SILAS, JAMES, US
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[72] PURSLEY, JOHN T., US
[72] PENNY, GLENN S, US
[72] BRYAN, MICHAEL A., US
[72] GONZALEZ-ROLDAN, MONICA, US
[72] SOEUNG, MELINDA, US
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[72] MAST, NICOLE, US
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[73] FLOTEK CHEMISTRY, LLC, US
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[54] **ENSEMBLE DE FORME A VERROUILLAGE MUTUEL**
[72] SWINK, GERY, US
[72] MAHAFFEY, KEN, US
[73] ABT, INC., US
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[54] **METHOD FOR TRANSMITTING SIGNAL FIELD AND APPARATUS THEREFOR**
[54] **PROCEDE D'EMISSION DE CHAMP DE SIGNAL ET APPAREIL ASSOCIE**
[72] CHOI, JINSOO, KR
[72] LEE, WOOKBONG, KR
[72] CHO, HANGYU, KR
[72] LIM, DONGGUK, KR
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[73] LG ELECTRONICS INC., KR
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[54] **SIGNALER UN CHANGEMENT D'ENSEMBLES DE COUCHES DE SORTIE**
[72] DESHPANDE, SACHIN G., US
[73] DOLBY INTERNATIONAL AB, NL
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[54] **CORRECTION D'ERREUR D'HYPOTHESE ALTERNATIVE POUR UNE FRAPPE GESTUELLE**
[72] OUYANG, YU, US
[72] ZHAI, SHUMIN, US
[73] GOOGLE LLC, US
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[54] **PRODUCTION D'UN ROTOR DE MOTEUR ASYNCHRONE ELECTRIQUE**
[72] BETHGE, ANDREAS, DE
[72] VOLKER, KAI-UWE, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **MECANISME DE TRAINEE DE POIGNEE DE MOULINET DE PECHE**
[72] HEADER, GREGORY A., US
[73] HEADER, GREGORY A., US
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[54] **REGULATEURS DE PRESSION A VIDE DESTINES A ETRE UTILISES PENDANT UNE COLLECTE DE SANG**
[72] RUSS, CRAIG OWEN, US
[72] CHIA, NEVILLE YU LENG, SG
[72] CRAWFORD, JAMIESON W., SE
[72] SMITH, KENNETH JAMES, US
[72] WILKINSON, BRADLEY M., US
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[54] **METHODS, APPARATUS, AND SYSTEMS FOR PROVIDING MEDIA CONTENT OVER A COMMUNICATIONS NETWORK**
[54] **PROCEDES, APPAREIL ET SYSTEMES POUR FOURNIR UN CONTENU MULTIMEDIA VIA UN RESEAU DE TELECOMMUNICATION**
[72] SHEN, PAUL, US
[72] SHEN, JAY, US
[73] TVU NETWORKS CORPORATION, US
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[54] **SYSTEME DE FABRICATION DE PALE DE ROTOR**
[72] SCHIBSBYE, KARSTEN, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **DECODEUR AUDIO POSSEDANT UN MODULE D'EXTENSION DE BANDE PASSANTE DOTE D'UN MODULE DE REGLAGE D'ENERGIE**
[72] LECOMTE, JEREMIE, DE
[72] BAUER, FABIAN, DE
[72] SPERSCHNEIDER, RALPH, DE
[72] TRITTHART, ARTHUR, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[72] KLINE, JAMES E., US
[73] J & S FABRICATION, INC., US
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[54] **PORTE DE BAIE DE CHARIOT D'OFFICE D'AERONEF**
[72] BURD, PETER JOHN LESLIE, GB
[73] B/E AEROSPACE, INC., US
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[54] **UNE METHODE, UN DISPOSITIF ET UN SYSTEME DE CONNEXION SANS FIL RAPIDE**
[72] OGAWARA, OSAMU, JP
[73] RICOH COMPANY, LTD., JP
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[54] **SYSTEMES ET PROCEDES DE TRAITEMENT DE SIGNAUX D'ENTREE ULTRASONORES**
[72] MATSUOKA, YOKY, US
[72] MINICH, AJ, US
[72] MODI, YASH, US
[72] GOLDENSON, ANDREW W., US
[73] GOOGLE LLC, US
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[25] EN
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[54] **PROCEDES PERMETTANT D'AMELIORER LA FIXATION D'ETIQUETTES A DES RECIPIENTS**
[72] STEVENSON, JAMES A., US
[72] WHITE, CHARLES, US
[73] PEPSICO, INC., US
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[54] **PROCEDE DE PRODUCTION DE PILE A COMBUSTIBLE ET PILE A COMBUSTIBLE ASSOCIEE**
[72] FUKUYAMA, YOSUKE, JP
[72] SHIOMI, TAKESHI, JP
[72] TERADA, YUSUKE, JP
[72] TAJIMA, NORIHIRO, JP
[73] NISSAN MOTOR CO., LTD., JP
[73] NHK SPRING CO., LTD., JP
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[54] **AUDIO SYSTEMS FOR GENERATING SOUND ON PERSONAL WATERCRAFT AND OTHER RECREATIONAL VEHICLES**
[54] **SYSTEMES AUDIO DE GENERATION DE SON SUR UN SCOOTER DES MERS ET SUR D'AUTRES VEHICULES DE PLAISANCE**
[72] FEDYAY, ROMAN, CA
[72] CHAN, EDDIE GUAN HUNG, CA
[73] VISTA ACQUISITIONS INC., CA
[85] 2016-01-26
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[54] **IMAGE DISPLAY METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF D'AFFICHAGE D'IMAGES**
[72] CHEN, PU, CN
[72] XU, TIANXI, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-02-01
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[54] **FOAMING OF SET-DELAYED CEMENT COMPOSITIONS COMPRISING PUMICE AND HYDRATED LIME**
[54] **MOUSSAGE DE COMPOSITIONS DE CIMENT A PRISE RETARDEE COMPRENANT DE LA PIERRE PONCE ET DE LA CHAUX HYDRATEE**
[72] AGAPIOU, KYRIACOS, US
[72] PISKLAK, THOMAS JASON, US
[72] LEWIS, SAMUEL J., US
[72] BOUL, PETER JAMES, US
[72] OTIENO, PAULINE AKINYI, US
[72] BROTHERS, LANCE EVERETT, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **A THIN FILM DIELECTRIC STACK**
[54] **UN EMPILEMENT DIELECTRIQUE DE PELLICULES MINCES**
[72] ZELNER, MARINA, CA
[72] NAGY, SUSAN, CA
[72] CERVIN, ANDREW VLADIMIR CLAUDE, CA
[73] BLACKBERRY LIMITED, CA
[86] (2922956)
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[54] **METHOD AND SYSTEM FOR TRANSMISSION OF SEISMIC DATA**
[54] **PROCEDE ET SYSTEME DE TRANSMISSION DE DONNEES SISMIQUES**
[72] RAY, CLIFFORD H., US
[72] FISSELER, GLENN D., US
[73] FAIRFIELD INDUSTRIES, INC., US
[86] (2923367)
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[54] **METHOD AND CUT GUIDE FOR BIPLANAR WEDGE OSTEOTOMY**
[54] **METHODE ET GUIDE DE COUPE DESTINES A L'OSTEOTOMIE DU RADIUS BIPLANAIRE**
[72] AWTREY, GEORGE MATTHEW, US
[72] PATEL, VINAY D., US
[72] ARMACOST, SCOTT A., US
[72] MCCOMBS-STEARNES, MARY, US
[73] WRIGHT MEDICAL TECHNOLOGY, INC., US
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[54] **FEEDING SET AND ENTERAL FEEDING PUMP**
[54] **ENSEMBLE D'ALIMENTATION ET POMPE D'ALIMENTATION ENTERALE**
[72] HARR, JAMES, US
[73] KPR U.S., LLC, US
[85] 2016-03-22
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[54] **SEALING RING FOR A HYDRAULIC PUMP DISTRIBUTOR**
[54] **BAGUE D'ETANCHEITE POUR DISTRIBUTEUR DE POMPE HYDRAULIQUE**
[72] RABHI, VIANNEY, FR
[73] RABHI, VIANNEY, FR
[85] 2016-03-17
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[54] **ACCORDIAN STRAP WITH FORMED WAVES**
[54] **COURROIE EN ACCORDEON DOTEE DE VAGUES INTEGREES**
[72] FREEMAN, BENJAMIN DAVID, US
[73] THOMAS & BETTS INTERNATIONAL LLC, US
[86] (2925671)
[87] (2925671)
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[25] EN
[54] **MEDICAL ELECTRODE HAVING USEFUL LIFE INDICATOR**
[54] **ELECTRODE MEDICALE COMPORTANT UN INDICATEUR DE DUREE UTILE**
[72] COPP, WARREN, US
[72] GARSTKA, ERICK, US
[72] HYATT, CHRISTOPHER J., US
[72] TREMBLAY, KATHLEEN, US
[72] MEYER, PETER, US
[72] COGGINS, SCOTT, US
[72] BURNES, LEE, US
[72] SELVITELLI, DAVID, US
[73] KPR U.S., LLC, US
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[25] EN
[54] **LAMINATED METAL SHEET FOR CONTAINERS, METHOD FOR PRODUCING METAL CAN, AND METHOD FOR EVALUATING FORMABILITY OF METAL SHEET**
[54] **FEUILLE DE METAL LAMINEE POUR RECIPIENT, PROCEDE DE PRODUCTION D'UNE CANETTE EN METAL ET PROCEDE D'EVALUATION DE L'APTITUDE AU MOULAGE D'UNE FEUILLE DE METAL**
[72] YAMANAKA, YOICHIRO, JP
[72] NAKAGAWA, YUSUKE, JP
[72] KITAGAWA, JUNICHI, JP
[72] NAKAMARU, HIROKI, JP
[73] JFE STEEL CORPORATION, JP
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[54] **USE OF SODIUM META ARSENITE FOR TREATMENT OF MULTIPLE MYELOMA**
[54] **UTILISATION DU SODIUM META-ARSENITE DANS LE TRAITEMENT DU MYELOME MULTIPLE**
[72] RADEMAKER, BERNARDUS, NL
[73] KOMINOX, INC, KY
[86] (2926846)
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[54] **SULFONAMIDE DERIVATIVE AND PHARMACEUTICAL USE THEREOF**
[54] **DERIVE DE SULFONAMIDE ET SON UTILISATION MEDICINALE**
[72] UENO, HIROKAZU, JP
[72] YAMAMOTO, TAKASHI, JP
[72] MIYAZAWA, TOMOKO, JP
[72] SHINKAI, KENJI, JP
[72] ARISAKA, HARUMI, JP
[72] TAKANOHASHI, TOSHIYUKI, JP
[73] AJINOMOTO CO., INC., JP
[85] 2016-04-25
[86] 2014-10-28 (PCT/JP2014/078644)
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[54] **IN-LINE TORTIONAL VIBRATION MITIGATION MECHANISM FOR OIL WELL DRILLING ASSEMBLY**
[54] **MECANISME D'ATTENUATION DE VIBRATIONS DE TORSION EN LIGNE POUR ENSEMBLE DE FORAGE DE PUITS DE PETROLE**
[72] KADAM, RATISH SUHAS, IN
[72] GAJJI, BHARGAV, IN
[72] PUROHIT, ANKIT, IN
[72] GAIKWAD, RAHUL RAMCHANDRA, IN
[73] HALLIBURTON ENERGY SERVICES INC., US
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[54] **TRANSACTION DECLENCHEE PAR UN CLIC AVEC AFFICHAGE INTUITIF DE GRILLE DE PROFONDEUR DE MARCHE**
[72] KEMP, GARY ALLAN, US
[72] SCHLUETTER, JENS-UWE, US
[72] BRUMFIELD, HARRIS, US
[73] TRADING TECHNOLOGIES INTERNATIONAL, INC., US
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[51] **Int.Cl. B01D 17/04 (2006.01)**
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[54] **HIGH BULK COALESCING FILTER MEDIA AND USE THEREOF**
[54] **MEDIAS DE FILTRES COALESCENTS EN MASSE ET LEUR UTILISATION**
[72] BULTINCK, EVI, BE
[72] DE WOLF, ISABELLE, BE
[72] GORIS, KEN, BE
[72] WOUTERS, JO, BE
[72] KASPER, GERHARD, BE
[73] ATLAS COPCO AIRPOWER N.V., BE
[85] 2016-05-26
[86] 2014-11-26 (PCT/IB2014/066362)
[87] (WO2015/079394)
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[51] **Int.Cl. E21B 43/112 (2006.01) E21B 43/22 (2006.01)**
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[54] **RE-FRACTURING A FRACTURE STIMULATED SUBTERRANEAN FORMATION**
[54] **REFRACTURATION D'UNE FORMATION SOUTERRAINE STIMULEE PAR FRACTURATION**
[72] FLEMING, JEFF T., US
[72] NGUYEN, PHILIP D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-06-03
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[51] **Int.Cl. E21B 43/12 (2006.01) E21B 17/01 (2006.01) E21B 23/08 (2006.01) E21B 47/09 (2012.01) E21B 47/16 (2006.01)**
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[54] **REGULATION OF FLOW THROUGH A WELL TOOL STRING**
[54] **REGULATION D'ECOULEMENT A TRAVERS UN TRAIN D'OUTIL DE FORAGE**
[72] RENSHAW, WILLIAM S., CA
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-06-06
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[54] **PHARMACEUTICAL COMPOSITIONS OF CAROTENOID**
[54] **COMPOSITIONS PHARMACEUTIQUES A BASE DE CAROTENOIDE**
[72] KUO, FU FENG, CA
[72] CHEN, BIN-HUEI, TW
[73] HEALTH-EVER BIOTECH CO. LTD, TW
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[54] **A METHOD FOR SEPARATING THE MIXTURE OF ZIRCONIUM OXIDE AND HAFNIUM OXIDE BY PYROMETALLURGY**
[54] **UNE METHODE DE SEPARATION DU MELANGE D'OXYDE DE ZIRCONIUM ET D'OXYDE DE HAFNIUM PAR PYROMETALLURGIE**
[72] ZHU, XINGFENG, CN
[73] ZHU, XINGFENG, CN
[85] 2016-06-09
[86] 2014-09-29 (PCT/CN2014/087812)
[87] (WO2015/085818)
[30] CN (201310682029.8) 2013-12-12

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[51] **Int.Cl. H04W 4/021 (2018.01) G08B 21/18 (2006.01)**
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[54] **GEO-FENCE BASED ALERTS**
[54] **ALERTES BASEES SUR UN GEOREPERAGE**
[72] MCDONALD, DANIEL J., US
[72] ECONOMY, GEORGE R., US
[72] PETERSON, LARRY M., US
[72] SHAHAF, MARK, US
[73] MOTOROLA SOLUTIONS, INC., US
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[86] 2014-11-25 (PCT/US2014/067252)
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[25] EN
[54] **STEEL PLATE FOR HOT FORMING AND MANUFACTURING METHOD OF HOT PRESS FORMED STEEL MEMBER**
[54] **TOLE D'ACIER POUR FORMAGE A CHAUD ET PROCEDE DE PRODUCTION D'ELEMENT EN ACIER FORME A LA PRESSE A CHAUD**
[72] ASAI, TATSUYA, JP
[72] MIZUTA, NAOKI, JP
[72] OMORI, HIROYUKI, JP
[72] KOJIMA, TAKESHI, JP
[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
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[86] 2014-12-22 (PCT/JP2014/083840)
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[51] **Int.Cl. A61F 2/966 (2013.01)**
[25] EN
[54] **DEVICES AND METHODS FOR STENT ADVANCEMENT**
[54] **DISPOSITIFS ET PROCEDES POUR UNE PROGRESSION D'ENDOPROTHESE VASCULAIRE**
[72] SHELDON, JEFFERY, US
[72] BOOTH, RICHARD, US
[72] BOSECK, GARY, US
[72] WISDOM, RICHARD, US
[72] BUECHE, KEN, US
[72] DANNECKER, BRUCE, US
[73] IDEV TECHNOLOGIES, INC., US
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[54] **SYSTEM FOR DETERRING BIRDS**
[54] **SYSTEME PERMETTANT DE DISSUADER LES OISEAUX DE S'INSTALLER**
[72] HENSKES, STEINAR FINN BOYE, NL
[72] TAMMES, PIM ROELOF CLEMENT, NL
[72] SPRANG, TIM, NL
[72] COX, PEPIJN BASTIAAN, NL
[73] BIRD CONTROL GROUP B.V., NL
[85] 2016-06-16
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[25] EN
[54] **METHOD OF OPERATING A CATALYTIC STEAM-HYDROCARBON REFORMER**
[54] **METHODE D'EXPLOITATION D'UN REFORMEUR CATALYTIQUE VAPEUR-HYDROCARBURES**
[72] JIN, BO, US
[72] LI, XIANMING JIMMY, US
[72] LUNSFORD, JEREMY CHARLES, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2934190)
[87] (2934190)
[22] 2016-06-23
[30] US (14/859,788) 2015-09-21

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[51] **Int.Cl. E21B 3/02 (2006.01) E21B 44/00 (2006.01)**
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[54] **TOP DRIVE MOVEMENT MEASUREMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE MESURE DE MOUVEMENT D'APPAREIL DE FORAGE**
[72] GREENING, DOUGLAS, CA
[72] MIHAI, MARINEL, CA
[72] DEWALD, BRIAN, CA
[72] SAW, PIEW SOE, CA
[73] NABORS DRILLING TECHNOLOGIES USA, INC., US
[85] 2016-06-23
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[30] US (14/140,031) 2013-12-24

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[51] **Int.Cl. H04W 28/24 (2009.01) H04W 4/08 (2009.01)**
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[54] **SPATIAL QUALITY OF SERVICE PRIORITIZATION ALGORITHM IN WIRELESS NETWORKS**
[54] **ALGORITHME D'ETABLISSEMENT DE PRIORITES DE QUALITE DE SERVICE SPATIALE DANS DES RESEAUX SANS FIL**
[72] BEKIARES, TYRONE D., US
[72] LOGALBO, BOB, US
[72] MILLER, TRENT J., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2016-06-27
[86] 2014-11-25 (PCT/US2014/067257)
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[51] **Int.Cl. G06Q 30/02 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **COLLAPSIBLE ADS AND FOLLOW ADS**
[54] **PUBLICITES POUVANT ETRE REDUITES ET PUBLICITES DE SUIVI**
[72] NAYUDU, NAINESH, US
[72] ELLIOTT, DAVID E., US
[73] EBAY INC., US
[85] 2016-06-27
[86] 2014-12-31 (PCT/US2014/073061)
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[30] US (61/923,539) 2014-01-03
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[25] EN
[54] **DUOCARMYCIN ANTI-HER2 ANTIBODY DRUG CONJUCATES WITH ACTIVITY AGAINST HER2 EXPRESSING MALIGNANCIES**
[54] **CONJUGUES ANTICORPS-MEDICAMENT ANTI-HER2 DE DUOCARMYCINE AYANT UNE ACTIVITE CONTRE LES NEOPLASMES MALINS EXPRIMANT HER2**
[72] DOKTER, WILLEM, NL
[72] GOEDINGS, PETER JOHANNES, NL
[72] VERHEIJDEN, GIJSBERTUS FRANCISCUS MARIA, NL
[72] BEUSKER, PATRICK HENRY, NL
[73] SYNTHON BIOPHARMACEUTICALS B.V., NL
[85] 2016-06-29
[86] 2015-01-09 (PCT/EP2015/050350)
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[30] EP (14150791.3) 2014-01-10
[30] EP (14188450.2) 2014-10-10

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[13] C
[51] **Int.Cl. B65D 30/10 (2006.01)**
[25] EN
[54] **STAND-UP PLASTIC STORAGE BAG**
[54] **SAC DE RANGEMENT EN PLASTIQUE A MAINTIEN VERTICAL**
[72] PORCHIA, JOSE, US
[72] BURGGREN, KEEGAN E., US
[72] DAIS, BRIAN C., US
[73] S.C. JOHNSON & SON, INC., US
[85] 2016-07-07
[86] 2015-09-01 (PCT/US2015/047937)
[87] (WO2017/034592)
[30] US (14/832,215) 2015-08-21

[11] **2,935,521**
[13] C
[51] **Int.Cl. G01N 3/10 (2006.01) B64F 5/60 (2017.01) G01N 3/36 (2006.01)**
[25] EN
[54] **AIRCRAFT STRENGTH TESTING APPARATUS AND AIRCRAFT STRENGTH TESTING METHOD**
[54] **APPAREIL DE TEST DE RESISTANCE D'UN AERONEF ET METHODE DE TEST DE RESISTANCE D'UN AERONEF**
[72] TABA, SHUNSUKE, JP
[72] NAKAMURA, TOSHIO, JP
[72] TSUKIGASE, KAORU, JP
[72] KUMAGAI, KEISUKE, JP
[72] FUKUOKA, TOSHIYASU, JP
[73] MITSUBISHI AIRCRAFT CORPORATION, JP
[85] 2016-06-29
[86] 2014-12-24 (PCT/JP2014/006426)
[87] (WO2015/140863)
[30] JP (2014-053955) 2014-03-17

[11] **2,936,271**
[13] C
[51] **Int.Cl. G01C 9/28 (2006.01) G01C 9/26 (2006.01) G01C 9/32 (2006.01)**
[25] EN
[54] **BOX LEVEL**
[54] **NIVEAU A BULLE**
[72] CHRISTIANSON, JOHN, US
[72] KIM, CHARLES D., US
[73] MILWAUKEE ELECTRIC TOOL CORPORATION, US
[86] (2936271)
[87] (2936271)
[22] 2010-10-26
[62] 2,778,900
[30] US (61/256,264) 2009-10-29
[30] US (61/259,038) 2009-11-06

[11] **2,937,039**
[13] C
[51] **Int.Cl. H02M 1/084 (2006.01) H02M 7/483 (2007.01)**
[25] EN
[54] **MASTER/SLAVE CONTROLLER SYSTEM IN RING TOPOLOGY FOR MODULAR MULTILEVEL CONVERTERS**
[54] **SYSTEME DE COMMANDE MAITRE/ESCLAVE DANS LA TOPOLOGIE EN ANNEAU POUR CONVERTISSEURS MULTI-NIVEAUX MODULAIRES**
[72] WIEN, TORMOD, NO
[72] VALLESTAD, ANNE, NO
[72] ORFANUS, DALIMIR, NO
[72] VEFLING, HARALD, NO
[72] INDERGAARD, REIDAR, NO
[73] ABB SCHWEIZ AG, CH
[85] 2016-07-15
[86] 2015-01-19 (PCT/EP2015/050875)
[87] (WO2015/107187)
[30] EP (14151739.1) 2014-01-20

[11] **2,937,130**
[13] C
[51] **Int.Cl. B65D 5/72 (2006.01) B65D 5/18 (2006.01) B65D 5/46 (2006.01)**
[25] EN
[54] **CARTON, CARTON BLANK AND METHOD OF ERECTING AND FILLING A CARTON**
[54] **CARTON, DECOUPE DE CARTON ET PROCEDE PERMETTANT DE DEPLOYER ET DE REMPLIR UN CARTON**
[72] BROWN, ROSIE, GB
[72] SELLERS, JULIAN, GB
[72] DUTTON, GLEN, GB
[73] KRAFT FOODS R&D, INC., US
[85] 2016-07-15
[86] 2015-04-27 (PCT/IB2015/000764)
[87] (WO2015/166341)
[30] GB (GB1407523.8) 2014-04-29

[11] **2,938,208**
[13] C
[51] **Int.Cl. G01N 1/10 (2006.01) A61B 90/90 (2016.01) A61B 90/96 (2016.01) G16H 10/40 (2018.01) G16H 10/60 (2018.01) A61B 5/15 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COLLECTION CONFIRMATION AND SAMPLE TRACKING AT THE CLINICAL POINT OF USE**
[54] **SYSTEME ET PROCEDE DE CONFIRMATION DE COLLECTE ET DE SUIVI D'ECHANTILLONS AU SITE D'UTILISATION CLINIQUE**
[72] BURKHOLZ, JONATHAN KARL, US
[72] O'BRYAN, JEFF, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2016-07-27
[86] 2015-01-29 (PCT/US2015/013500)
[87] (WO2015/116805)
[30] US (61/933,034) 2014-01-29

[11] **2,938,461**
[13] C
[51] **Int.Cl. A61M 37/00 (2006.01) A61N 5/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR THE TRANSDERMAL ADMINISTRATION OF PRODUCTS, FOR EXAMPLE OF PHYTOTHERAPY PRODUCTS OR THE LIKE**
[54] **APPAREIL POUR L'ADMINISTRATION TRANSDERMIQUE DE PRODUITS, PAR EXEMPLE DE PRODUITS DE PHYTOTHERAPIE OU ANALOGUES**
[72] LANZETTA, MARCO, IT
[73] LASERTHRU S.R.L., IT
[85] 2016-08-01
[86] 2015-01-28 (PCT/IB2015/050639)
[87] (WO2015/118427)
[30] IT (MI2014A000170) 2014-02-06

[11] **2,938,574**
[13] C
[51] **Int.Cl. C07D 417/12 (2006.01) A61K 47/54 (2017.01)**
[25] EN
[54] **LOW MOLECULAR WEIGHT DRUG CONJUGATES FOR BINDING TO CARBONIC ANHYDRASE IX**
[54] **CONJUGUES DE MEDICAMENT DE FAIBLE MASSE MOLECULAIRE POUR LIAISON A L'ANHYDRASE CARBONIQUE IX**
[72] KRALL, NIKOLAUS, AT
[72] DECURTINS, WILLY, CH
[72] NERI, DARIO, CH
[72] SCHEUERMANN, JORG, CH
[72] WICHERT, MORENO, CH
[73] EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZURICH, CH
[85] 2016-08-02
[86] 2015-02-03 (PCT/EP2015/052214)
[87] (WO2015/114171)
[30] GB (1401819.6) 2014-02-03
[30] GB (1407530.3) 2014-04-29
[30] GB (1419994.7) 2014-11-10

[11] **2,939,267**
[13] C
[51] **Int.Cl. B65D 85/32 (2006.01)**
[25] EN
[54] **STACKING CONFIGURATION FOR CONTAINER FOR FRANGIBLE ITEMS**
[54] **CONFIGURATION D'EMPILAGE POUR CONTENANT D'ARTICLES CASSANTS**
[72] ARCHAMBAULT, GERMAIN, CA
[72] BLANCHETTE, FRANCOIS, CA
[73] INTERPLAST PACKAGING INC., CA
[86] (2939267)
[87] (2939267)
[22] 2009-12-14
[62] 2,688,365
[30] US (61/122,650) 2008-12-15

[11] **2,939,291**
[13] C
[51] **Int.Cl. B65D 85/32 (2006.01)**
[25] EN
[54] **STACKING CONFIGURATION FOR CONTAINER FOR FRANGIBLE ITEMS**
[54] **CONFIGURATION D'EMPILAGE POUR CONTENANT D'ARTICLES CASSANTS**
[72] ARCHAMBAULT, GERMAIN, CA
[72] BLANCHETTE, FRANCOIS, CA
[73] INTERPLAST PACKAGING INC., CA
[86] (2939291)
[87] (2939291)
[22] 2009-12-14
[62] 2,688,365
[30] US (61/122,650) 2008-12-15

[11] **2,940,892**
[13] C
[51] **Int.Cl. A45D 40/30 (2006.01)**
[25] EN
[54] **COSMETIC APPLICATOR SYSTEM WITH ONE FUNCTIONAL AND ONE NON-FUNCTIONAL APPLICATOR**
[54] **SYSTEME D'APPLICATEUR COSMETIQUE DOTE D'UN APPLICATEUR FONCTIONNEL ET D'UN APPLICATEUR NON FONCTIONNEL**
[72] CORBELLINI, FRANCIS, FR
[72] BOUIX, HERVE F., US
[73] ELC MANAGEMENT LLC, US
[85] 2016-08-25
[86] 2015-03-12 (PCT/US2015/020062)
[87] (WO2015/138662)
[30] US (14/207,784) 2014-03-13

[11] **2,941,391**
[13] C
[51] **Int.Cl. A45D 34/00 (2006.01) B05B 11/00 (2006.01)**
[25] EN
[54] **ACTUATOR WITH SELF-CONTAINED LIGHT SOURCE**
[54] **ACTIONNEUR DOTE D'UNE SOURCE LUMINEUSE AUTONOME**
[72] CORBELLINI, FRANCIS, FR
[72] BOUIX, HERVE F., US
[73] ELC MANAGEMENT LLC, US
[85] 2016-08-31
[86] 2015-03-17 (PCT/US2015/020981)
[87] (WO2015/142859)
[30] US (14/221,368) 2014-03-21

[11] **2,941,678**
[13] C
[51] **Int.Cl. A61M 15/00 (2006.01) G06M 1/04 (2006.01) G06M 1/16 (2006.01)**
[25] EN
[54] **COUNTER**
[54] **COMPTEUR**
[72] BACON, RAYMOND, GB
[72] MCDERMENT, IAIN GRIERSON, GB
[73] EURO-CELTIQUE S.A., LU
[86] (2941678)
[87] (2941678)
[22] 2010-03-10
[62] 2,754,789
[30] GB (0904040.3) 2009-03-10

[11] **2,942,665**
[13] C
[51] **Int.Cl. G06F 9/46 (2006.01) G06F 15/16 (2006.01)**
[25] EN
[54] **COORDINATED ADMISSION CONTROL FOR NETWORK-ACCESSIBLE BLOCK STORAGE**
[54] **CONTROLE D'ADMISSION COORDONNE POUR UN STOCKAGE EN BLOCS ACCESSIBLE PAR RESEAU**
[72] OLSON, MARC STEPHEN, US
[72] BROOKER, MARC JOHN, US
[72] HAWKS, BENJAMIN ARTHUR, US
[72] THOMPSON, JAMES MICHAEL, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2016-09-13
[86] 2015-03-13 (PCT/US2015/020324)
[87] (WO2015/138825)
[30] US (14/212,042) 2014-03-14

[11] **2,942,715**
[13] C
[51] **Int.Cl. F03D 80/40 (2016.01) F03D 1/06 (2006.01)**
[25] EN
[54] **WIND-TURBINE ROTOR BLADE AND HEATING UNIT FOR A WIND-TURBINE ROTOR BLADE**
[54] **PALE DE ROTOR D'EOLIENNE ET UNITE DE CHAUFFAGE D'UNE PALE DE ROTOR D'EOLIENNE**
[72] STOLTENJOHANNES, JURGEN, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2016-09-14
[86] 2015-03-12 (PCT/EP2015/055232)
[87] (WO2015/140053)
[30] DE (102014204857.5) 2014-03-17

[11] **2,943,344**
[13] C
[51] **Int.Cl. F17C 1/02 (2006.01) E04H 7/02 (2006.01) F17C 1/12 (2006.01)**
[25] EN
[54] **GROUND LIQUEFIED NATURAL GAS STORAGE TANK AND METHOD FOR MANUFACTURING THE SAME**
[54] **RESERVOIR DE STOCKAGE DE GAZ NATUREL LIQUEFIE SUR SOL ET SON PROCEDE DE FABRICATION**
[72] SHIN, SANG BEOM, KR
[72] KIM, DAE SOON, KR
[72] CHUN, IN SOO, KR
[72] LEE, DONG JU, KR
[72] JEONG, SE HWAN, KR
[72] SHIN, DONG KYU, KR
[73] HYUNDAI HEAVY INDUSTRIES CO., LTD., KR
[85] 2016-09-20
[86] 2015-03-20 (PCT/KR2015/002775)
[87] (WO2015/142126)
[30] KR (10-2014-0033606) 2014-03-21

[11] **2,943,590**
[13] C
[51] **Int.Cl. G06Q 20/40 (2012.01)**
[25] EN
[54] **AUTOMATIC DATA TRANSFER**
[54] **TRANSFERT DE DONNEES AUTOMATIQUE**
[72] JUDGE, EDWARD W, GB
[72] LADDS, ANOUSKA, GB
[72] COWEN, MICHAEL J, GB
[72] NOE, JAMES C, GB
[73] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2016-09-22
[86] 2015-03-02 (PCT/GB2015/050606)
[87] (WO2015/140503)
[30] GB (1404907.6) 2014-03-19

[11] **2,945,561**
[13] C
[51] **Int.Cl. C01F 11/18 (2006.01)**
[25] EN
[54] **PRODUCTION OF PRECIPITATED CALCIUM CARBONATE**
[54] **PRODUCTION DE CARBONATE DE CALCIUM PRECIPITE**
[72] MAURER, MARC, FR
[72] JACQUEMET, CHRISTIAN, FR
[72] SKRZYPCZAK, MATHIEU, US
[73] OMYA INTERNATIONAL AG, CH
[73] COATEX, FR
[85] 2016-10-12
[86] 2015-04-30 (PCT/EP2015/059605)
[87] (WO2015/166090)
[30] EP (14166751.9) 2014-04-30
[30] US (62/090,466) 2014-12-11

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[11] **2,946,277**
[13] C
[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/68 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **COMPOSITION OF A DEGRADABLE DIVERTING AGENT AND A DEGRADABLE ACCELERATOR WITH TUNABLE DEGRADABLE RATE**
[54] **COMPOSITION DE COLMATANT SELECTIF DEGRADABLE ET ACCELERATEUR DEGRADABLE A VITESSE DE DEGRADATION MODULABLE**
[72] REDDY, B. RAGHAVA, US
[72] CORTEZ, JANETTE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-10-18
[86] 2014-05-22 (PCT/US2014/039146)
[87] (WO2015/178909)

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[11] **2,947,144**
[13] C
[51] **Int.Cl. E04B 1/74 (2006.01) B22D 30/00 (2006.01) E04B 1/76 (2006.01)**
[25] EN
[54] **INSULATION ENCLOSURE WITH A RADIANT BARRIER**
[54] **ENCEINTE D'ISOLATION DOTEE D'UNE BARRIERE REFLECHISSANTE**
[72] OWNBY, CLAYTON ARTHUR, US
[72] COOK, GRANT O., III, US
[72] THOMAS, JEFFREY G., US
[72] VOGLEWEDE, DANIEL BRENDAN, US
[72] ATKINS, WILLIAM BRIAN, US
[72] JOY, RONALD EUGENE, US
[72] CLARK, MICHAEL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-10-26
[86] 2014-06-25 (PCT/US2014/043989)
[87] (WO2015/199666)

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[13] C
[51] **Int.Cl. H01R 4/46 (2006.01) H01R 4/66 (2006.01)**
[25] EN
[54] **CLAMP FOR AFFIXING AN ELECTRICAL WIRE TO AN ELECTRICALLY CONDUCTIVE POST**
[54] **PINCE DESTINEE A FIXER UN FIL ELECTRIQUE A UN MONTANT ELECTROCONDUCTEUR**
[72] CHADBOURNE, CHRISTOPHER GILPIN, US
[73] HUBBELL INCORPORATED, US
[86] (2947555)
[87] (2947555)
[22] 2016-11-04
[30] US (15/040,411) 2016-02-10

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[11] **2,948,030**
[13] C
[51] **Int.Cl. E21C 41/30 (2006.01) E21C 47/00 (2006.01) E21C 50/00 (2006.01)**
[25] EN
[54] **METHOD FOR MINING A DEPOSIT**
[54] **METHODE D'EXPLOITATION MINIERE D'UN DEPOT**
[72] SCHWANK, STEFAN KONRAD, DE
[72] HAAS, JOSEF, DE
[73] BAUER MASCHINEN GMBH, DE
[86] (2948030)
[87] (2948030)
[22] 2016-11-10

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[11] **2,948,476**
[13] C
[51] **Int.Cl. H05B 6/10 (2006.01) C21D 1/42 (2006.01)**
[25] EN
[54] **INDUCTION HEATING STAND ASSEMBLY**
[54] **ENSEMBLE SUPPORT DE CHAUFFAGE PAR INDUCTION**
[72] CARTER, TIFFANY ANNE, US
[72] LIEBERT, SCOTT STEPHEN, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2016-11-08
[86] 2015-02-19 (PCT/US2015/016531)
[87] (WO2015/175071)
[30] US (14/280,281) 2014-05-16

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[11] **2,948,791**
[13] C
[51] **Int.Cl. B21D 22/26 (2006.01) B21D 22/21 (2006.01)**
[25] EN
[54] **BLANK, AND PRESSED ARTICLE MANUFACTURING METHOD**
[54] **EBAUCHE, ET PROCEDE DE PRODUCTION D'ARTICLE MOULE A LA PRESSE**
[72] MIYAGI, TAKASHI, JP
[72] TANAKA, YASUHARU, JP
[72] OGAWA, MISAO, JP
[72] ASO, TOSHIMITSU, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-11-10
[86] 2015-05-08 (PCT/JP2015/063385)
[87] (WO2015/174353)
[30] JP (2014-100619) 2014-05-14
[30] JP (2014-203316) 2014-10-01

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[13] C
[51] **Int.Cl. B26B 21/56 (2006.01) B26B 21/58 (2006.01) B26B 21/60 (2006.01)**
[25] EN
[54] **RAZOR BLADES**
[54] **LAMES DE RASOIR**
[72] SKROBIS, KENNETH JAMES, US
[72] SHEN, BIN, US
[72] JU, YONGQING, US
[72] STONE, MATTHEW ROBERT, US
[73] THE GILLETTE COMPANY LLC, US
[85] 2016-11-10
[86] 2015-05-15 (PCT/US2015/030936)
[87] (WO2015/179217)
[30] US (14/281,153) 2014-05-19

[11] **2,949,235**
[13] C
[51] **Int.Cl. C09C 3/10 (2006.01) B22C 1/22 (2006.01) C09K 8/80 (2006.01)**
[25] EN
[54] **RESIN-COATED SUBSTRATE COMPOSITIONS AND METHODS OF MAKING THE SAME**
[54] **COMPOSITIONS DE SUBSTRAT ENDUIT DE RESINE ET LEURS PROCEDES DE FABRICATION**
[72] GROVE, DALE ADDISON, III, US
[73] U.S. SILICA COMPANY, US
[85] 2016-11-15
[86] 2015-05-14 (PCT/US2015/030915)
[87] (WO2015/175850)
[30] US (61/994,040) 2014-05-15

[11] **2,949,797**
[13] C
[51] **Int.Cl. A61B 34/10 (2016.01) A61B 34/20 (2016.01) A61B 34/30 (2016.01)**
[25] EN
[54] **INTRAOPERATIVE TRACKING METHOD**
[54] **METHODE DE SUIVI INTRAOPERATOIRE**
[72] CHEN, CHIEH HSIAO, US
[72] WANG, KUAN JU, US
[73] CHEN, CHIEH HSIAO, US
[73] WANG, KUAN JU, US
[85] 2016-11-28
[86] 2016-06-03 (PCT/CN2016/084732)
[87] (WO2016/192671)
[30] US (62/171,245) 2015-06-05

[11] **2,949,905**
[13] C
[51] **Int.Cl. G01N 27/416 (2006.01) G01N 33/483 (2006.01)**
[25] EN
[54] **METHODS OF SCALING DATA USED TO CONSTRUCT BIOSENSOR ALGORITHMS AS WELL AS DEVICES, APPARATUSES AND SYSTEMS INCORPORATING THE SAME**
[54] **PROCEDES DE MISE A L'ECHELLE DE DONNEES UTILISEES POUR CONSTRUIRE DES ALGORITHMES POUR DES CAPTEURS BIOLOGIQUES, AINSI QUE DISPOSITIFS, APPAREILS ET SYSTEMES INCORPORANT LESDITS PROCEDES**
[72] BUCK, HARVEY, US
[72] CARPENTER, SCOTT E., US
[72] PAN, ZHENG ZHENG, US
[72] VALVERDE-VENTURA, RENE, US
[73] F. HOFFMANN-LA ROCHE AG, CH
[86] (2949905)
[87] (2949905)
[22] 2014-03-13
[62] 2,900,696
[30] US (61/794,280) 2013-03-15

[11] **2,949,906**
[13] C
[51] **Int.Cl. G01N 27/416 (2006.01)**
[25] EN
[54] **METHODS OF SCALING DATA USED TO CONSTRUCT BIOSENSOR ALGORITHMS AS WELL AS DEVICES, APPARATUSES AND SYSTEMS INCORPORATING THE SAME**
[54] **METHODE DE MISE A L'ECHELLE DES DONNEES UTILISEES POUR CONSTRUIRE DES ALGORITHMES DE BIOCAPTEUR AINSI QUE DES DISPOSITIFS, DES APPAREILS ET DES SYSTEMES INCORPORANT LESDITES METHODESS**
[72] BUCK, HARVEY, US
[72] CARPENTER, SCOTT E., US
[72] PAN, ZHENG ZHENG, US
[72] VALVERDE-VENTURA, RENE, US
[73] F. HOFFMANN-LA ROCHE AG, CH
[86] (2949906)
[87] (2949906)
[22] 2014-03-13
[62] 2,900,696
[30] US (61/794,280) 2013-03-15

[11] **2,950,694**
[13] C
[51] **Int.Cl. C09K 8/72 (2006.01) C09K 8/52 (2006.01) E21B 37/06 (2006.01)**
[25] EN
[54] **TREATMENT FLUIDS FOR REDUCING SUBTERRANEAN FORMATION DAMAGE**
[54] **FLUIDES DE TRAITEMENT PERMETTANT LA REDUCTION DE LA DEGRADATION D'UNE FORMATION SOUTERRAINE**
[72] KADAM, SUNITA SAMEER, IN
[72] KALGAONKAR, RAJENDRA ARUNKUMAR, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-11-29
[86] 2014-07-09 (PCT/US2014/046009)
[87] (WO2016/007155)

[11] **2,951,516**
[13] C
[51] **Int.Cl. C07H 17/08 (2006.01) A61K 31/357 (2006.01) A61P 31/10 (2006.01)**
[25] EN
[54] **POLYENE MACROLIDE DERIVATIVE**
[54] **DERIVE DE MACROLIDE DE POLYENE**
[72] MIYAZAKI, KEISUKE, JP
[72] TAKAYA, KENJI, JP
[72] OHARA, TAKAFUMI, JP
[72] SUGIMOTO, HIDEKI, JP
[72] FUJITANI, MANABU, JP
[72] OGATA, YUKI, JP
[72] SUZUKI, NAOYUKI, JP
[73] SHIONOGI & CO., LTD., JP
[85] 2016-12-07
[86] 2015-06-12 (PCT/JP2015/066976)
[87] (WO2015/190587)
[30] JP (2014-121341) 2014-06-12

[11] **2,951,563**
[13] C
[51] **Int.Cl. A61K 47/14 (2017.01) A61K 9/00 (2006.01) A61K 31/137 (2006.01) A61K 47/10 (2017.01) A61K 47/38 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR INTERFERING WITH EXTRACTION OR CONVERSION OF A DRUG SUSCEPTIBLE TO ABUSE**
[54] **PROCEDES ET COMPOSITIONS DESTINES A INTERFERER AVEC L'EXTRACTION OU LA CONVERSION D'UN MEDICAMENT SUSCEPTIBLE D'USAGE ABUSIF**
[72] LEECH, RONALD L., JR., US
[73] ACURA PHARMACEUTICALS, INC., US
[85] 2016-12-07
[86] 2015-06-09 (PCT/US2015/034786)
[87] (WO2015/191501)
[30] US (62/009,600) 2014-06-09

[11] **2,951,914**
[13] C
[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **RESTRICTED CODE SIGNING**
[54] **SIGNATURE DE CODE LIMITEE**
[72] MEDVINSKY, ALEXANDER, US
[72] NEGAHDAR, ALI, US
[72] QIU, XIN, US
[73] ARRIS ENTERPRISES LLC, US
[85] 2016-12-09
[86] 2015-06-11 (PCT/US2015/035440)
[87] (WO2015/191933)
[30] US (62/010,761) 2014-06-11
[30] US (14/737,463) 2015-06-11

[11] **2,952,081**
[13] C
[51] **Int.Cl. F24F 7/02 (2006.01) G06F 1/20 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **INVERTED EXHAUST PLENUM MODULE**
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[72] WILDING, ROBERT DAVID, US
[72] GARDNER, BROCK ROBERT, US
[72] ROSS, PETER GEORGE, US
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[54] **PROCEDE ET DISPOSITIF DE DESULFURATION-DENITRATION DE GAZ DE CARNEAU**
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[54] **METHOD OF PIPELINE INTERIOR DRYING**
[54] **PROCEDE DE SECHAGE DE LA CAVITE DE CONDUITS**
[72] SHIRYAPOV, DMITRY IGOREVICH, RU
[72] KARPOV, SERGEI VSEVOLODOVICH, RU
[72] ALIKHASHKIN, ALEKSEI SERGEEVICH, RU
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[54] **GESTION DE PERMISSION DE DONNEES POUR DISPOSITIFS PORTABLES**
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[72] GIBSON, DAVID ANDREW, US
[73] VERILY LIFE SCIENCES LLC, US
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[72] HOGAN, MICHAEL, US
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[73] SCHLAGE LOCK COMPANY LLC, US
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[54] **SYSTEME ET PROCEDE DE FORMATION AU SOUDAGE**
[72] BEESON, RICHARD, US
[73] ILLINOIS TOOL WORKS INC., US
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[54] **PANNEAUX ISOLANTS DESTINES A UNE PISCINE HORS-TERRE**
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[54] **APPARATUS EQUIPPED WITH A TOUCHSCREEN AND METHOD FOR CONTROLLING SUCH AN APPARATUS**
[54] **APPAREIL EQUIPE D'UN ECRAN TACTILE ET PROCEDE DE COMMANDE D'UN TEL APPAREIL**
[72] WELLHOEFER, ARMIN, DE
[72] JEGLORZ, TOBIAS, DE
[73] WAVELIGHT GMBH, DE
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[73] THE VIKING CORPORATION, US
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[54] **EXPANDABLE SHEATH AND SYSTEM FOR INTRAVASCULAR INSERTION OF A MEDICAL IMPLEMENT USING THE SAME**
[54] **GAINE EXTENSIBLE ET SYSTEME D'INTRODUCTION INTRAVASCULAIRE D'UN INSTRUMENT MEDICAL L'UTILISANT**
[72] AL-RASHDAN, IBRAHIM RASHID, KW
[72] LEVIT, ERAN, US
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[54] **ASSEMBLAGE DE NERVURE EN COMPOSITE**
[72] CARLSON, DAVID G., US
[72] MCCULLOUGH, JOHN R., US
[72] OLDROYD, PAUL K., US
[72] MAY, CARL A., US
[72] KOOIMAN, JAMES E., US
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[54] **COMMANDE DE CUISSON AUTOMATISEE PAR L'INTERMEDIAIRE D'UN EQUIPEMENT DE CUISSON AMELIORE**
[72] JENKINS, JONATHAN A., US
[72] VENGROFF, DARREN ERIK, US
[72] GOYER, MATTHEW, US
[73] MEYER INTELLECTUAL PROPERTIES LIMITED, CN
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[54] **PROCEDE DE FABRICATION D'UN SYSTEME DE DETECTION ACOUSTIQUE AMELIOREE**
[72] JAASKELAINEN, MIKKO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHODS AND SYSTEMS FOR IMAGES WITH INTERACTIVE FILTERS**
[54] **PROCEDES ET SYSTEMES POUR DES IMAGES AYANT DES FILTRES INTERACTIFS**
[72] AHUJA, SOURABH, US
[72] WU, LIANG, US
[72] MOK, MICHAEL ANDREW, US
[72] AMARIS, LIAN A., US
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[73] HONDA MOTOR CO., LTD., JP
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[54] **TONDEUSE A GAZON**
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[54] **BANDES DE MARQUAGE**
[72] SPEITH, MARKUS, DE
[72] WIENEKE, ANDREAS, DE
[72] SCHREIBER, DIETMAR, DE
[72] RIEKE, THORSTEN, DE
[72] BETT, THORSTEN, DE
[72] SCHNEIDER, MAXIMILIAN, DE
[72] ROSIN, MAXIMILIAN, DE
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[73] WEIDMULLER INTERFACE GMBH & CO. KG, DE
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[54] **TONDEUSE A GAZON**
[72] KURIYAGAWA, KOJI, JP
[72] YOSHIMURA, HAJIME, JP
[73] HONDA MOTOR CO., LTD., JP
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[54] **INDUCTION HEATING DEVICE FOR METAL STRIP**
[54] **DISPOSITIF DE CHAUFFAGE A INDUCTION POUR BANDE METALLIQUE**
[72] HIROTA, YOSHIAKI, JP
[72] TAIRA, MASATO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **PAIRING OF A MEDICAL APPARATUS WITH A CONTROL UNIT**
[54] **APPARIEMENT D'UN APPAREIL MEDICAL AVEC UNE UNITE DE COMMANDE**
[72] HECK, WOLFGANG, DE
[72] SCHWENKER, KAI-OLIVER, DE
[72] SCHMITZ, RALF, DE
[72] ZEUNER, VOLKER, DE
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[54] **CONTROL DEVICE OF WATER HEATER**
[54] **DISPOSITIF DE CONTROLE DE CHAUFFE-EAU**
[72] TANG, TAIYING, CN
[73] GUANGZHOU SEAGULL KITCHEN AND BATH PRODUCTS CO., LTD., CN
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[54] **MATCHING DELAYED INFUSION AUTO-PROGRAMS WITH MANUALLY ENTERED INFUSION PROGRAMS**
[54] **PROGRAMMES AUTOMATIQUES DE PERFUSION RETARDEE D'ADAPTATION AVEC PROGRAMMES DE PERFUSION ENTRES MANUELLEMENT**
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[73] ICU MEDICAL, INC., US
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[72] SPITZNER, JORG, DE
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[54] **SYSTEME DE RENFORCEMENT DE PARE-CHOCS POUR VEHICULE MOTORISE**
[72] SCHNEIDER, NICOLAS, FR
[72] GIBEAU, ELIE, FR
[72] DROUADAINE, YVES, FR
[72] COCU, ARNAUD, FR
[72] DONYA, GILSON, FR
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[54] **SEALANT COMPOSITIONS AND METHODS UTILIZING NANO-PARTICLES**
[54] **COMPOSITIONS DE MATIERE D'ETANCHEITE ET PROCEDES CORRESPONDANTS UTILISANT DES NANOPARTICULES**
[72] RODDY, CRAIG WAYNE, US
[72] COVINGTON, RICKY L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ENSEMBLE DE BROYAGE A PASSAGE UNIQUE**
[72] RODRIGUEZ, FRANKLIN CHARLES, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **METHOD OF PRODUCTION OF BRAZED JOINT AND SUCH A BRAZED JOINT**
[54] **METHODE DE PRODUCTION DE JOINTS BRASES ET UN TEL JOINT BRASE**
[72] ZENIYA, TASUKU, JP
[72] NISHIBATA, HITOMI, JP
[72] YASUYAMA, MASANORI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[25] EN
[54] **METHOD FOR REMEDIATING A SCREEN-OUT DURING WELL COMPLETION**
[54] **PROCEDE POUR REMEDIER A UN BOUCHAGE PREMATURE PENDANT LA COMPLETION D'UN PUITS**
[72] TOLMAN, RANDY C., US
[72] MORROW, TIMOTHY I., US
[72] BENISH, TIMOTHY G., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **HYDROXYL PURINE COMPOUNDS AND APPLICATIONS THEREOF**
[54] **COMPOSES D'HYDROXYL PURINE ET APPLICATIONS DE CEUX-CI**
[72] WU, LINGYUN, CN
[72] ZHANG, PENG, CN
[72] ZHANG, LI, CN
[72] LI, JIAN, CN
[72] CHEN, SHUHUI, CN
[72] LONG, CHAOFENG, CN
[72] CHEN, XIAOXIN, CN
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[73] GUANGDONG RAYNOVENT BIOTECH CO., LTD., CN
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[30] CN (201410529928.9) 2014-10-09
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[54] **SYNTHESIS OF INTERMEDIATE FOR PRODUCING PROSTACYCLIN DERIVATIVES**
[54] **SYNTHESE D'INTERMEDIAIRE POUR LA PRODUCTION DE DERIVES DE PROSTACYCLINE**
[72] BATRA, HITESH, US
[72] TULADHAR, SUDERSAN, US
[72] WALSH, DAVID A., US
[73] UNITED THERAPEUTICS CORPORATION, US
[85] 2017-04-13
[86] 2015-10-19 (PCT/US2015/056283)
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[25] EN
[54] **METHODS TO CORRECT THE SPECTRUM DISTORTION OF FFPI SENSORS INDUCED BY DYNAMIC WAVELENGTH DEPENDENT ATTENUATION**
[54] **PROCEDES POUR CORRIGER LA DISTORSION DU SPECTRE DE CAPTEURS FFPI INDUITE PAR L'ATTENUATION DEPENDANT DE LA LONGUEUR D'ONDE DYNAMIQUE**
[72] WANG, YUNMIAO, US
[72] JAASKELAINEN, MIKKO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-18
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[54] **STRUCTURE TENSOR CONSTRAINED TOMOGRAPHIC VELOCITY ANALYSIS**
[54] **ANALYSE CONTRAINTE DE VITESSE TOMOGRAPHIQUE DE TENSEUR DE STRUCTURE**
[72] JIN, SHENGWEN, US
[72] XU, SHIYONG, US
[72] XIA, FAN, US
[72] OTTOLINI, RICHARD, US
[72] REN, YIQING, US
[73] LANDMARK GRAPHICS CORPORATION, US
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[54] **METHOD FOR THE PREDICTION OF TURBOMACHINE PERFORMANCES**
[54] **PROCEDE DE PREVISION DES PERFORMANCES D'UNE TURBOMACHINE**
[72] KRISHNABABU, SENTHIL, GB
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-04-24
[86] 2015-10-19 (PCT/EP2015/074146)
[87] (WO2016/066465)
[30] EP (14191325.1) 2014-10-31

[11] **2,966,069**
[13] C
[51] **Int.Cl. C04B 26/26 (2006.01) B28C 5/00 (2006.01) C04B 22/06 (2006.01) C04B 24/08 (2006.01)**
[25] EN
[54] **ASPHALT MIXTURE, PROCESS FOR PRODUCTION OF SAME, AND PAVING METHOD USING SAME**
[54] **MELANGE D'ASPHALTE, PROCEDE DE PRODUCTION ASSOCIE ET METHODE DE PAVAGE EMPLOYANT LEDIT MELANGE**
[72] MORIYASU, HIROCHIKA, JP
[72] KOSHI, KENTARO, JP
[72] TANIGUCHI, HIROSHI, JP
[72] HATAKEYAMA, KEIGO, JP
[73] MAEDA ROAD CONSTRUCTION CO., LTD, JP
[86] (2966069)
[87] (2966069)
[22] 2017-05-03

[11] **2,966,073**
[13] C
[51] **Int.Cl. C04B 26/26 (2006.01) B28C 5/00 (2006.01) C04B 22/06 (2006.01) C04B 24/08 (2006.01)**
[25] EN
[54] **ASPHALT MIXTURE, PROCESS FOR PRODUCTION OF SAME, AND PAVING METHOD USING SAME**
[54] **MELANGE D'ASPHALTE, PROCEDE DE PRODUCTION ASSOCIE ET METHODE DE PAVAGE EMPLOYANT LEDIT MELANGE**
[72] MORIYASU, HIROCHIKA, JP
[72] KOSHI, KENTARO, JP
[72] TANIGUCHI, HIROSHI, JP
[72] HATAKEYAMA, KEIGO, JP
[73] MAEDA ROAD CONSTRUCTION CO.,LTD, JP
[86] (2966073)
[87] (2966073)
[22] 2017-05-03

[11] **2,966,955**
[13] C
[51] **Int.Cl. B25H 3/02 (2006.01) A45C 5/03 (2006.01) A45C 13/00 (2006.01)**
[25] EN
[54] **CASE FOR HOLDING TOOLS OR SMALL PARTS**
[54] **BOITIER DE RANGEMENT D'OUTILS OU DE PETITES PIECES**
[72] TIMM, FELIX, DE
[72] STARKE, JOHANNES, DE
[72] KRAUS, DANIEL, DE
[72] KOCH, SIMON, DE
[72] HOHL, WOLFGANG, DE
[73] ADOLF WURTH GMBH & CO. KG, DE
[85] 2017-05-05
[86] 2015-12-07 (PCT/EP2015/078856)
[87] (WO2016/091821)
[30] DE (10 2014 225 510.4) 2014-12-11

[11] **2,967,088**
[13] C
[51] **Int.Cl. F24F 9/00 (2006.01)**
[25] EN
[54] **AIR CURTAIN APPARATUS**
[54] **UN APPAREIL DE RIDEAU D'AIR**
[72] DUBE, SERGE, CA
[73] DUBE, SERGE, CA
[86] (2967088)
[87] (2967088)
[22] 2017-05-10

[11] **2,968,671**
[13] C
[51] **Int.Cl. E05B 15/00 (2006.01) E05B 47/00 (2006.01) E05B 49/02 (2006.01)**
[25] EN
[54] **ELECTROMECHANICAL LOCKSET**
[54] **ENSEMBLE SERRURE ELECTROMECANIQUE**
[72] OHL, JAMES D., US
[72] WHITE, RICHARD A., US
[72] BAUMGARTE, JOSEPH WAYNE, US
[72] KINCAID, RYAN C., US
[72] DEXTER, MATTHEW, US
[72] EVENSON, JOHN, US
[73] SCHLAGE LOCK COMPANY LLC, US
[85] 2017-05-23
[86] 2015-11-23 (PCT/US2015/062149)
[87] (WO2016/081935)
[30] US (14/550,477) 2014-11-21

[11] **2,969,312**
[13] C
[51] **Int.Cl. F16B 37/04 (2006.01) F16B 33/06 (2006.01) F16B 37/00 (2006.01)**
[25] EN
[54] **ENCASED NUT**
[54] **ECROU ENFERME**
[72] HARA, MOTOTSUGU, JP
[72] MURASE, YOSHIHIRO, JP
[72] FUJIMOTO, YUKINORI, JP
[72] ICHIKAWA, HIROYASU, JP
[72] KATOH, KATSUHISA, JP
[72] UTSUNO, RYUJI, JP
[72] SEKO, TAKAHIRO, JP
[73] AOYAMA SEISAKUSHO CO., LTD., JP
[85] 2017-05-30
[86] 2016-03-11 (PCT/JP2016/057760)
[87] (WO2016/185773)
[30] JP (2015-101601) 2015-05-19

[11] **2,971,311**
[13] C
[51] **Int.Cl. C07C 67/58 (2006.01) C07C 51/48 (2006.01)**
[25] EN
[54] **LACTYLATE PURIFICATION PROCESS**
[54] **PROCEDE DE PURIFICATION DE LACTYLATE**
[72] VERKUIJL, BASTIAAN JEROEN VICTOR, NL
[72] DE HAAN, ANDRE BANIER, NL
[73] PURAC BIOCHEM BV, NL
[85] 2017-06-16
[86] 2015-12-22 (PCT/EP2015/081087)
[87] (WO2016/102625)
[30] EP (14199579.5) 2014-12-22

[11] **2,971,554**
[13] C
[51] **Int.Cl. B21D 22/26 (2006.01) B21D 22/20 (2006.01) B21D 22/30 (2006.01) B21D 24/00 (2006.01)**
[25] EN
[54] **HAT-SHAPED CROSS-SECTION COMPONENT MANUFACTURING METHOD**
[54] **PROCEDE DE FABRICATION DE COMPOSANT AYANT UNE COUPE TRANSVERSALE EN FORME DE CHAPEAU**
[72] ASO, TOSHIMITSU, JP
[72] TANAKA, YASUHARU, JP
[72] MIYAGI, TAKASHI, JP
[72] OGAWA, MISAO, JP
[72] YAMAMOTO, SHINOBU, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-06-19
[86] 2015-12-18 (PCT/JP2015/085553)
[87] (WO2016/104376)
[30] JP (2014-259102) 2014-12-22

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[13] C
[51] **Int.Cl. A01G 27/00 (2006.01)**
[25] EN
[54] **PLANT CULTIVATION DEVICE**
[54] **DISPOSITIF DE CULTURE DE PLANTES**
[72] NAKAJIMA, KEIICHI, JP
[73] NATUREDYNE INC., JP
[85] 2017-07-05
[86] 2016-03-10 (PCT/JP2016/001344)
[87] (WO2016/185646)
[30] JP (PCT/JP2015/002466) 2015-05-15

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[13] C
[51] **Int.Cl. G06F 11/14 (2006.01)**
[25] EN
[54] **RECOVERY EXECUTION SYSTEM USING PROGRAMATIC GENERATION OF ACTIONABLE WORKFLOWS**
[54] **SYSTEME D'EXECUTION DE RECUPERATION PAR GENERATION PROGRAMMATIQUE DE FLUX DE TRAVAUX EXPLOITABLES**
[72] RAY, KAUSHIK, US
[73] SUNGARD AVAILABILITY SERVICES, LP, US
[85] 2017-07-13
[86] 2016-02-26 (PCT/US2016/019687)
[87] (WO2016/164116)
[30] US (14/682,262) 2015-04-09

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[13] C
[51] **Int.Cl. B65D 83/64 (2006.01)**
[25] EN
[54] **PRESSURE CONTROL SYSTEM**
[54] **SYSTEME DE REGULATION DE PRESSION**
[72] KELDERS, QUINT, NL
[73] AIROPACK TECHNOLOGY GROUP B.V., NL
[85] 2017-07-20
[86] 2016-01-26 (PCT/EP2016/051572)
[87] (WO2016/120269)
[30] EP (EP15152767.8) 2015-01-27

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[13] C
[51] **Int.Cl. B60L 53/12 (2019.01) B60L 53/36 (2019.01) B60R 21/00 (2006.01) B60W 30/06 (2006.01)**
[25] EN
[54] **PARKING ASSISTANCE DEVICE AND PARKING ASSISTANCE METHOD**
[54] **DISPOSITIF D'AIDE AU STATIONNEMENT ET PROCEDE D'AIDE AU STATIONNEMENT**
[72] TSUKAMOTO, YUKINORI, JP
[72] MAIKAWA, KENGO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-07-20
[86] 2015-01-29 (PCT/JP2015/052509)
[87] (WO2016/121050)

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[11] **2,974,831**
[13] C
[51] **Int.Cl. E04B 9/04 (2006.01) B64C 1/14 (2006.01) B64D 11/00 (2006.01) B64D 11/02 (2006.01)**
[25] EN
[54] **CEILING PANEL ASSEMBLY AND MOUNTING SYSTEM THEREFOR**
[54] **ENSEMBLE PANNEAU DE PLAFOND ET SON SYSTEME DE MONTAGE**
[72] SHIMIZU, BRUCE, US
[72] SAVIAN, SCOTT, US
[73] C&D ZODIAC, INC., US
[85] 2017-07-24
[86] 2016-01-29 (PCT/US2016/015780)
[87] (WO2016/123551)
[30] US (62/110,380) 2015-01-30

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[13] C
[51] **Int.Cl. A61K 9/50 (2006.01) A61K 9/48 (2006.01) A61K 31/202 (2006.01) A61P 3/00 (2006.01)**
[25] EN
[54] **MILLICAPSULE FORMULATIONS COMPRISING POLYUNSATURATED FREE FATTY ACIDS**
[54] **PREPARATIONS EN MILLI-CAPSULES COMPRENANT DES ACIDES GRAS POLYINSATURES LIBRES**
[72] KUBOTA, HIRONORI, JP
[72] ROGEAU, ETIENNE THIERRY CHARLES, FR
[72] AMEMIYA, TORU, JP
[72] MEISSONNIER, JULIEN GEORGES, FR
[72] HOLMEN, ANDERS GILLIS, SE
[72] RADEVIK, ANDREAS, SE
[72] CARLSSON, HANS, SE
[72] SCHANTZ, BENGT STAFFAN, SE
[73] OMTHERA PHARMACEUTICALS INC, US
[85] 2017-07-31
[86] 2016-02-19 (PCT/US2016/018571)
[87] (WO2016/137825)
[30] EP (15305278.2) 2015-02-23

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[13] C
[51] **Int.Cl. F16F 9/32 (2006.01) F16F 1/12 (2006.01)**
[25] EN
[54] **LOWER-SIDE SPRING-RECEIVING MEMBER**
[54] **ELEMENT DE RECEPTION DE RESSORT COTE INFERIEUR**
[72] OHMURA, SHUJI, JP
[72] HOSOMI, SHOHEI, JP
[72] UMENO, JUN, JP
[73] NHK SPRING CO., LTD., JP
[85] 2017-08-15
[86] 2016-02-04 (PCT/JP2016/053412)
[87] (WO2016/132926)
[30] JP (2015-028305) 2015-02-17

[11] **2,976,849**
[13] C
[51] **Int.Cl. A61F 5/01 (2006.01) A43B 7/14 (2006.01) A61F 5/05 (2006.01)**
[25] EN
[54] **MOBILIZING MUSCULOSKELETAL STRUCTURES**
[54] **STRUCTURES DE MOBILISATION MUSCULOSQUELETTIQUE**
[72] BRUCKMANN, J. W. BARRY, GB
[73] BRUCKMANN, J. W. BARRY, GB
[86] (2976849)
[87] (2976849)
[22] 2009-05-06
[62] 2,723,583
[30] US (61/050,928) 2008-05-06

[11] **2,977,398**
[13] C
[51] **Int.Cl. B23K 9/32 (2006.01) B23K 9/133 (2006.01) B25J 19/00 (2006.01) F16L 15/02 (2006.01)**
[25] EN
[54] **ADJUSTABLE LENGTH ROBOTIC CABLE FITTING**
[54] **RACCORD DE CABLE ROBOTIQUE A LONGUEUR REGLABLE**
[72] COSSETTE, ROMEO N., US
[72] WELLS, JEFFREY G., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2017-08-21
[86] 2016-02-29 (PCT/US2016/020030)
[87] (WO2016/160225)
[30] US (14/670,824) 2015-03-27

[11] **2,977,522**
[13] C
[51] **Int.Cl. B65D 55/16 (2006.01)**
[25] EN
[54] **PROTECTIVE CASE FOR PORTABLE ELECTRONIC DEVICE**
[54] **ETUI DE PROTECTION POUR DISPOSITIF ELECTRONIQUE PORTABLE**
[72] DINING, ELIZABETH JOY, US
[72] CONRAD, ZACHARY, US
[72] BROWN, CAMERON JAMES, US
[72] KERBS, JEREMY, US
[72] WATT, ERIN JOY, US
[73] JEFFERSON STREET HOLDINGS, LLC, US
[85] 2017-08-22
[86] 2016-02-24 (PCT/US2016/019364)
[87] (WO2016/138134)
[30] US (14/632,927) 2015-02-26
[30] US (15/043,227) 2016-02-12

[11] **2,978,156**
[13] C
[51] **Int.Cl. F02C 7/20 (2006.01) F16H 57/025 (2012.01) B64D 27/00 (2006.01) F01D 25/28 (2006.01) F16M 7/00 (2006.01)**
[25] EN
[54] **LINER FOR MOUNTING SOCKET OF MAGNESIUM HOUSING OF AIRCRAFT ENGINE**
[54] **REVETEMENT INTERIEUR DE DOUILLE D'INSTALLATION DE LOGEMENT EN MAGNESIUM D'UN MOTEUR D'AERONEF**
[72] WINTGENS, ERIC, CA
[72] SAMSON, PIERRE, CA
[72] B-MORENCY, CATHERINE, CA
[72] BOLDUC, MANON, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2978156)
[87] (2978156)
[22] 2017-08-31
[30] US (15/299,917) 2016-10-21

[11] **2,978,189**
[13] C
[51] **Int.Cl. F16K 17/28 (2006.01) B67D 7/36 (2010.01) B67D 1/14 (2006.01) F16K 7/17 (2006.01) F16K 47/04 (2006.01) G05D 7/01 (2006.01) G05D 11/03 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FLOW REGULATION**
[54] **PROCEDE ET APPAREIL DE REGULATION DU DEBIT**
[72] SMELLER, DONALD W., US
[73] LANCER CORPORATION, US
[85] 2017-08-29
[86] 2016-03-23 (PCT/US2016/023717)
[87] (WO2016/154273)
[30] US (62/177,775) 2015-03-23
[30] US (15/063,888) 2016-03-08

[11] **2,978,714**
[13] C
[51] **Int.Cl. G01S 19/26 (2010.01) G01S 19/06 (2010.01) G01S 19/11 (2010.01) G01C 22/00 (2006.01)**
[25] EN
[54] **LOW-ENERGY CONSUMPTION LOCATION OF MOVABLE OBJECTS**
[54] **LOCALISATION A FAIBLE CONSOMMATION D'ENERGIE D'OBJETS DEPLACABLES**
[72] CARTER, SCOTT J., US
[73] GATEKEEPER SYSTEMS, INC., US
[85] 2017-09-05
[86] 2016-03-03 (PCT/US2016/020755)
[87] (WO2016/144709)
[30] US (62/129,278) 2015-03-06

[11] **2,979,318**
[13] C
[51] **Int.Cl. G01R 33/483 (2006.01) A61B 5/055 (2006.01) G01R 33/56 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IMAGING MACROPHAGE ACTIVITY USING DELTA RELAXATION ENHANCED MAGNETIC RESONANCE IMAGING**
[54] **SYSTEME ET PROCEDE POUR IMAGER UNE ACTIVITE DE MACROPHAGES EN UTILISANT UNE IMAGERIE PAR RESONANCE MAGNETIQUE AMELIOREE A RELAXATION DELTA**
[72] PIRON, CAMERON ANTHONY, CA
[72] HARRIS, CHAD TYLER, CA
[72] STAINSBY, JEFF ALAN, CA
[72] PANTHER, ALEXANDER GYLES, CA
[72] SCHOLL, TIMOTHY JAMES, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-09-11
[86] 2015-03-11 (PCT/IB2015/051762)
[87] (WO2016/142744)

[11] **2,982,047**
[13] C
[51] **Int.Cl. G01R 33/565 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IMAGE WARP CORRECTION FOR MAGNETIC RESONANCE IMAGING**
[54] **SYSTEME ET PROCEDE DE CORRECTION DE DISTORSION D'IMAGE POUR IMAGERIE PAR RESONANCE MAGNETIQUE**
[72] PANTHER, ALEXANDER GYLES, CA
[72] HARRIS, CHAD TYLER, CA
[72] BEATTY, PHILLIP J., CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-10-06
[86] 2015-04-27 (PCT/IB2015/053059)
[87] (WO2016/174497)

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[13] C
[51] **Int.Cl. C08L 11/00 (2006.01) C08J 5/18 (2006.01) C08K 5/405 (2006.01) C08K 5/45 (2006.01)**
[25] EN
[54] **CURABLE COMPOSITION FOR SOUND BARRIER FILM**
[54] **COMPOSITION DURCISSABLE POUR FILM BARRIERE SONORE**
[72] WU, PINGFAN, US
[72] CHEN, LIANZHOU, US
[72] VANCE, FREDRICK W., US
[72] COLE, EDWARD E., US
[72] HEDLEY, CHARLES W., US
[72] SIMON, GREGORY L., US
[72] MARTIN, MICHAEL C., US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-11-03
[86] 2016-05-03 (PCT/US2016/030518)
[87] (WO2016/179146)
[30] US (62/157,287) 2015-05-05

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[13] C
[51] **Int.Cl. B60H 1/00 (2006.01)**
[25] EN
[54] **AIR CONDITIONING UNIT FOR VEHICLE**
[54] **UNITE DE CLIMATISATION POUR VEHICULE**
[72] YAMAMOTO, MASAKAZU, JP
[73] DENSO CORPORATION, JP
[85] 2017-11-16
[86] 2016-03-17 (PCT/JP2016/058595)
[87] (WO2016/185779)
[30] JP (2015-102888) 2015-05-20

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[13] C
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 23/02 (2006.01) E21B 23/04 (2006.01)**
[25] EN
[54] **DOWNHOLE SERVICE TOOL EMPLOYING A TOOL BODY WITH A LATCHING PROFILE AND A SHIFTING KEY WITH MULTIPLE PROFILES**
[54] **OUTIL DE SERVICE DE FOND DE TROU UTILISANT UN CORPS D'OUTIL AVEC UN PROFIL DE VERROUILLAGE ET UNE CLAVETTE DE COMMUTATION A PROFILS MULTIPLES**
[72] MURPHY, THOMAS, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-11-21
[86] 2015-07-02 (PCT/US2015/039116)
[87] (WO2017/003489)

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[13] C
[51] **Int.Cl. F01M 1/02 (2006.01) F04C 2/08 (2006.01) F04C 11/00 (2006.01)**
[25] FR
[54] **COMBUSTION ENGINE COMPRISING AT LEAST ONE DRY SUMP CRANKCASE**
[54] **MOTEUR A COMBUSTION COMPORTANT AU MOINS UN CARTER MOTEUR DE TYPE SEC**
[72] HUBERT, PIERRE-JULIEN, FR
[72] GAVANIER, PIERRE, FR
[72] MERCIER, CHRISTIAN, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2987117)
[87] (2987117)
[22] 2017-11-29

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[13] C
[51] **Int.Cl. E04H 4/16 (2006.01)**
[25] FR
[54] **AUTONOMOUS POOL CLEANING ROBOT**
[54] **ROBOT DE NETTOYAGE DE PISCINE AUTONOME**
[72] ROUMAGNAC, MAX, FR
[73] KOKIDO DEVELOPMENT LIMITED, CN
[85] 2017-11-29
[86] 2016-09-29 (PCT/FR2016/052487)
[87] (WO2017/060588)
[30] FR (1559447) 2015-10-05

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[13] C
[51] **Int.Cl. F24C 7/02 (2006.01) F24C 7/04 (2006.01) H05B 6/76 (2006.01)**
[25] EN
[54] **COOKER**
[54] **CUISEUR**
[72] YAMASHITA, SEIICHI, JP
[72] HAYASHI, TAKAHIRO, JP
[73] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
[85] 2017-12-06
[86] 2016-08-23 (PCT/JP2016/003818)
[87] (WO2017/033458)
[30] JP (2015-166744) 2015-08-26

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[13] C
[51] **Int.Cl. G16H 40/00 (2018.01) G16H 10/00 (2018.01) G16H 10/60 (2018.01) G06F 1/16 (2006.01)**
[25] EN
[54] **TRACKING PATIENT INFORMATION AND MEDICAL DEVICE IDENTIFIER**
[54] **SUIVI DES INFORMATIONS DE PATIENT ET IDENTIFIANT DE DISPOSITIF MEDICAL**
[72] WILLIAMS, KEITH DAWSON, US
[72] EVANS, CARLTON DEE, US
[73] S & S INNOVATIONS, LLC, US
[85] 2017-12-12
[86] 2016-05-24 (PCT/US2016/033877)
[87] (WO2017/003585)
[30] US (62/185,638) 2015-06-28

[11] **2,990,041**
[13] C
[51] **Int.Cl. H04L 12/24 (2006.01)**
[25] EN
[54] **NETWORK FUNCTION VIRTUALIZATION (NFV) HARDWARE TRUST IN DATA COMMUNICATION SYSTEMS**
[54] **CONFIANCE DE MATERIEL DE VIRTUALISATION DE FONCTION DE RESEAU (NFV) DANS DES SYSTEMES DE COMMUNICATION DE DONNEES**
[72] RAJAGOPAL, ARUN, US
[72] PACZKOWSKI, LYLE WALTER, US
[73] SPRINT COMMUNICATIONS COMPANY L.P., US
[85] 2017-12-18
[86] 2016-06-15 (PCT/US2016/037497)
[87] (WO2017/003684)
[30] US (14/753,536) 2015-06-29

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[13] C
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01) A01C 15/00 (2006.01)**
[25] EN
[54] **SEEDER WITH METERING SYSTEM HAVING SELECTIVELY POWERED METERING SECTIONS**
[54] **SEMOIR AVEC SYSTEME DE DOSAGE DE SEMENCES POSSEDANT DES SECTIONS DE DOSAGE ALIMENTEES SELECTIVEMENT**
[72] BARSI, BARRY B., CA
[72] GORDON, JEFFREY J., CA
[72] LESANKO, JOHN A., CA
[72] OCHITWA, CORY W. K., CA
[73] MORRIS INDUSTRIES LTD., CA
[86] (2990091)
[87] (2990091)
[22] 2012-02-17
[62] 2,768,369
[30] US (61/444,467) 2011-02-18
[30] US (13/398,557) 2012-02-16

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[13] C
[51] **Int.Cl. B65D 5/08 (2006.01) B65D 5/42 (2006.01)**
[25] EN
[54] **TIE-LOCK SHIPPER**
[54] **CONTENANT D'EXPEDITION A ATTACHE DE BLOCAGE**
[72] SMITH, JEFFREY, US
[73] INTERNATIONAL PAPER COMPANY, US
[86] (2993360)
[87] (2993360)
[22] 2018-01-30
[30] US (15/420,623) 2017-01-31

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[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 29/00 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **NEW INDICATIONS FOR ANTI-IL-1-BETA THERAPY**
[54] **NOUVELLES INDICATIONS POUR UNE THERAPIE ANTI-IL-1-BETA**
[72] GRAM, HERMANN, DE
[72] JUNG, THOMAS, DE
[73] NOVARTIS AG, CH
[86] (2993565)
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[22] 2008-05-28
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[54] **FILLING HOSE**
[54] **TUYAU DE REMPLISSAGE**
[72] LIMBERT, DEAN, GB
[72] KIDD, JACK, GB
[72] LANG, CHRIS, GB
[72] CREAGHAN, DAVID, GB
[72] HINES, JOHN, GB
[73] DEB IP LIMITED, GB
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[54] **PREFABRICATED INSULATED BUILDING PANEL WITH CURED CEMENTITIOUS LAYER BONDED TO INSULATION**
[54] **PANNEAU DE CONSTRUCTION ISOLE PREFABRIQUE DOTE D'UNE COUCHE DE CIMENT DURCI LIEE A L'ISOLANT**
[72] DOMBOWSKY, MICHAEL A., CA
[72] DOMBOWSKY, BENEDICT J., CA
[73] DOMBOWSKY, MICHAEL A., CA
[73] DOMBOWSKY, BENEDICT J., CA
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[25] EN
[54] **A CABLE FITTING FOR CONNECTING A HIGH-VOLTAGE CABLE TO A HIGH-VOLTAGE COMPONENT OR ANOTHER HIGH-VOLTAGE CABLE**
[54] **RACCORD DE CABLE POUR CONNECTER UN CABLE HAUTE TENSION A UN COMPOSANT HAUTE TENSION OU A UN AUTRE CABLE HAUTE TENSION**
[72] CZYZEWSKI, JAN, PL
[72] MAURER, VICTORIA, CH
[72] LICHY, RADIM, SE
[72] SORQVIST, TORBJORN, SE
[73] ABB SCHWEIZ AG, CH
[85] 2018-02-20
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[25] EN
[54] **SIGNAL GENERATING DEVICE**
[54] **DISPOSITIF DE GENERATION DE SIGNAL**
[72] YAMAZAKI, HIROSHI, JP
[72] NAGATANI, MUNEHIKO, JP
[72] NOSAKA, HIDEYUKI, JP
[72] SANO, AKIHIDE, JP
[72] MIYAMOTO, YUTAKA, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
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[54] **FABRICATABLE DATA TRANSMISSION CABLE**
[54] **CABLE DE TRANSMISSION DE DONNEES FABRICABLE**
[72] BLAICH, WOLFGANG, DE
[72] KASPER, MICHAEL, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2018-03-23
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[54] **WATERPROOF TOP DOOR FOR TRAILER**
[54] **PORTE SUPERIEURE IMPERMEABLE POUR REMORQUE**
[72] LEES, RICK, CA
[72] MAERTENS, ANDREW JOSEPH, CA
[72] KLOEPFER, MICHAEL, CA
[73] TITAN TRAILERS INC., CA
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[25] EN
[54] **HOSE-REELING APPARATUS**
[54] **APPAREIL ENROULEUR DE TUYAU**
[72] MARTINSON, RORY, CA
[72] FEIST, WADE, CA
[73] 1246086 ALBERTA LTD., CA
[86] (3003248)
[87] (3003248)
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[11] **3,004,843**
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[25] EN
[54] **SYSTEM, APPARATUS AND METHOD FOR CONDUCTING AN ONLINE TRANSACTION TO FULFILL A RAIL-SHIPMENT SERVICE INQUIRY OR A RAIL-SHIPMENT SERVICE ORDERING**
[54] **SYSTEME, APPAREIL ET METHODE DE TRANSACTION EN LIGNE AFIN DE REMPLIR UNEDEMANDE DE SERVICE D'EXPEDITION PAR RAIL OU UNE COMMANDE DE SERVICE D'EXPEDITION PAR RAIL**
[72] PODGURNY, LEONARD JOHN, CA
[72] ERNESAKS, ANITA, CA
[73] CANADIAN NATIONAL RAILWAY COMPANY, CA
[86] (3004843)
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[54] **AIR FLOW SYSTEM AND METHOD FOR AIR CIRCULATION THERAPY**
[54] **SYSTEME D'ECOULEMENT D'AIR ET PROCEDE DE THERAPIE PAR CIRCULATION D'AIR**
[72] SABBAHI, WESAM, US
[73] SABBAHI, WESAM, US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/054952)
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[51] **Int.Cl. H04M 3/523 (2006.01) G06Q 10/06 (2012.01)**
[25] EN
[54] **TECHNIQUES FOR BEHAVIORAL PAIRING MODEL EVALUATION IN A CONTACT CENTER SYSTEM**
[54] **TECHNIQUES D'EVALUATION DE MODELE DE JUMELAGE COMPORTEMENTAL DANS UN SYSTEME DE CENTRE DE CONTACT**
[72] CHISHTI, ZIA, US
[73] AFINITI EUROPE TECHNOLOGIES LIMITED, GB
[85] 2018-06-28
[86] 2017-12-13 (PCT/IB2017/001666)
[87] (3007711)
[30] US (15/785,933) 2017-10-17
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[54] **EPICONDYLITIS TRUSS PAD**
[54] **COUSSIN DE BRIDE POUR EPICONDYLITE**
[72] BAUERFEIND, HANS B., DE
[72] SCHEUERMANN, RAINER, DE
[72] BOCKELMANN, JOACHIM, DE
[73] BAUERFEIND AG, DE
[85] 2018-07-12
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[25] EN
[54] **AUDIO ENHANCEMENT FOR HEAD-MOUNTED SPEAKERS**
[54] **AMELIORATION AUDIO POUR DES HAUT-PARLEURS MONTES SUR LA TETE**
[72] SELDESS, ZACHARY, US
[72] TRACEY, JAMES, US
[72] KRAEMER, ALAN, US
[73] BOOMCLOUD 360, INC., US
[85] 2018-07-17
[86] 2017-01-12 (PCT/US2017/013249)
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[54] **PERSONAL EMOTION-BASED COMPUTER READABLE COGNITIVE SENSORY MEMORY AND COGNITIVE INSIGHTS FOR ENHANCING MEMORIZATION AND DECISION MAKING**
[54] **MEMOIRE SENSORIELLE COGNITIVE LISIBLE PAR ORDINATEUR SUR LA BASE D'EMOTIONS PERSONNELLES ET INDICES COGNITIFS POUR L'AMELIORATION DE LA MEMORISATION ET DE LA PRISE DE DECISION**
[72] NGUYEN, PHU-VINH, US
[73] FUVI COGNITIVE NETWORK CORP, US
[85] 2018-09-05
[86] 2016-05-25 (PCT/US2016/034043)
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[25] EN
[54] **TECHNIQUES FOR BEHAVIORAL PAIRING MODEL EVALUATION IN A CONTACT CENTER SYSTEM**
[54] **TECHNIQUES D'EVALUATION DE MODELE DE JUMELAGE COMPORTEMENTAL DANS UN SYSTEME DE CENTRE DE CONTACT**
[72] CHISHTI, ZIA, US
[73] AFINITI EUROPE TECHNOLOGIES LIMITED, GB
[86] (3021850)
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[22] 2017-12-13
[62] 3,007,711
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[25] EN
[54] **SMART HEATER CONTROL FOR AN AIR DRYER**
[54] **COMMANDE DE CHAUFFAGE INTELLIGENTE POUR SECHEUR A AIR**
[72] WRIGHT, ERIC C., US
[73] NEW YORK AIR BRAKE LLC, US
[85] 2018-11-15
[86] 2016-05-16 (PCT/US2016/032635)
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[51] **Int.Cl. G10K 11/18 (2006.01) A61N 7/00 (2006.01)**
[25] EN
[54] **CONNECTOR FOR MECHANICAL WAVEGUIDES**
[54] **RACCORD POUR GUIDES D'ONDES MECANIQUES**
[72] MIRSHEKARI, GHOLAMREZA, CA
[72] BROUILLETTE, MARTIN, CA
[72] DION, STEVEN, CA
[72] RIEL, LOUIS-PHILIPPE, CA
[72] KARSHAFIAN, CHRIS, CA
[72] MA, AARON, CA
[73] LES SOLUTIONS MEDICALES SOUNDBITE INC., CA
[85] 2018-11-28
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[87] (WO2018/087741)
[30] US (62/421,428) 2016-11-14
[30] US (62/437,287) 2016-12-21

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[51] **Int.Cl. A61K 47/34 (2017.01) A61K 9/50 (2006.01) A61K 35/76 (2015.01) A61K 47/30 (2006.01)**
[25] EN
[54] **MICROENCAPSULATION OF BACTERIOPHAGES AND RELATED PRODUCTS**
[54] **MICROENCAPSULATION DE BACTERIOPHAGES ET PRODUITS ASSOCIES**
[72] TAWIL, NANCY, CA
[72] ARNOLD, EDWIGE CAROLINE REBECCA, CA
[73] PHAGELUX (CANADA) INC., CA
[85] 2018-12-18
[86] 2017-06-22 (PCT/IB2017/053744)
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[30] US (62/353,658) 2016-06-23

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[51] **Int.Cl. B60T 17/08 (2006.01) F16D 65/28 (2006.01)**
[25] EN
[54] **ORIENTATION INDEPENDENT NON-PRESSURE HEAD FOR A RAILWAY BRAKE CYLINDER**
[54] **PORTE-SEMELLE SECONDAIRE INDEPENDANT DE L'ORIENTATION POUR UN CYLINDRE DE FREIN DE CHEMIN DE FER**
[72] CONNELL, JASON, US
[73] NEW YORK AIR BRAKE LLC, US
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[54] **BONSAI D-RACK**
[54] **SUPPORT EN D COMPACT**
[72] THOMAS, TOM S., CA
[72] CIPO, CA
[72] THOMAS, TOM S., CA
[71] THOMAS, TOM S., CA
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[51] **Int.Cl. F04D 13/08 (2006.01) E21B 43/12 (2006.01) F04D 13/12 (2006.01) F04D 15/00 (2006.01)**
[25] EN
[54] **AUTONOMOUS SUBMERSIBLE PUMP**
[54] **POMPE SUBMERSIBLE AUTONOME**
[72] LEONARD, JEREMY, CA
[71] LEONARD, JEREMY, CA
[22] 2017-09-18
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[51] **Int.Cl. A61B 17/22 (2006.01) A61B 17/225 (2006.01) A61K 33/00 (2006.01) A61M 31/00 (2006.01) A61N 7/00 (2006.01) A61F 5/41 (2006.01)**
[25] EN
[54] **THERAPEUTIC COMBINATION OF LOW INTENSITY SHOCK WAVES AND CARBON DIOXIDE FOR THE TREATMENT OF PEYRONIE'S DISEASE**
[54] **COMBINAISON THERAPEUTIQUE D'ONDES DE CHOC BASSE INTENSITE ET DE DIOXYDE DE CARBONE EN VUE DU TRAITEMENT DE LA MALADIE DE PEYRONIE**
[72] MORGANSTERN, STEVEN, US
[72] BECERRA, CARLOS, US
[71] BMR MEDICAL LLC, US
[22] 2017-09-18
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[51] **Int.Cl. F16L 35/00 (2006.01) B67D 7/06 (2010.01) F16L 55/11 (2006.01)**
[25] EN
[54] **SPILL PREVENTION PLUG**
[54] **BOUCHON ANTI-DEVERSEMENT**
[72] GARDNER, DALLAS, CA
[72] WILGUS, JOHN, CA
[71] 1872809 ALBERTA LTD., CA
[22] 2017-09-19
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[51] **Int.Cl. H04L 12/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVISIONING A DATA TRANSFER APPLICATION**
[54] **SYSTEME ET METHODE DE FOURNITURE D'UNE APPLICATION DE TRANSFERT DE DONNEES**
[72] BLOY, ADRIAN, CA
[72] VEKEMAN, RYAN EDMUND, CA
[72] CHAN, CONNIE MAUN-FONG, CA
[72] FORGET, SEBASTIEN, CA
[72] LAM TIN CHEUNG, DANIEL, CA
[72] LEE, JOHN JONG-SUK, CA
[72] JAGGA, ARUN VICTOR, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2017-09-19
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[51] **Int.Cl. E04B 1/76 (2006.01) F16L 59/00 (2006.01)**
[25] FR
[54] **ISOPIADE**
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[72] BAILLARGEON, KRYSTEL K. B., CA
[71] BAILLARGEON, KRYSTEL K. B., CA
[22] 2017-09-19
[41] 2019-03-19

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[51] **Int.Cl. A44B 19/30 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR SECURING A ZIPPERED COMPARTMENT**
[54] **DISPOSITIF ET METHODE DE FIXATION D'UN COMPARTIMENT JOINT PAR UNE FERMETURE A GLISSIERE**
[72] MATCHETT, MICHAEL KENNETH, CA
[71] MATCHETT, MICHAEL KENNETH, CA
[22] 2017-09-19
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[51] **Int.Cl. E03C 1/04 (2006.01) F16K 11/074 (2006.01) F16K 27/04 (2006.01)**
[25] EN
[54] **PULL-OUT FAUCET**
[54] **ROBINET ESCAMOTABLE**
[72] CHANG, JIHTUNG, TW
[72] YANG, CHAOTA, TW
[71] GLOBE UNION INDUSTRIAL CORP., TW
[22] 2017-09-20
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[13] A1
[51] **Int.Cl. E21B 19/22 (2006.01) E21B 19/24 (2006.01)**
[25] EN
[54] **FOLDABLE CONTINUOUS ROD GUIDE AND A JIB FOR SERVICING RIG FOR SUPPORTING SAME**
[54] **GUIDE DE TIGE CONTINUE PLIABLE ET UNE FLECHE D'ENTRETIEN D'ENGIN DE FORAGE SERVANT A SUPPORTER LE GUIDE DE TIGE**
[72] GUBBINS, MARTIN E.C., CA
[72] LARSEN, SVEN W., CA
[71] CELTIC MACHINING LTD., CA
[22] 2017-09-20
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[13] A1
[51] **Int.Cl. A42B 3/04 (2006.01) F21L 4/00 (2006.01) F21V 23/04 (2006.01)**
[25] EN
[54] **INTEGRATED HEADWEAR AND HEADLIGHT SYSTEM AND METHOD**
[54] **SYSTEME INTEGRE DE CASQUE ET LAMPE FRONTALE ET METHODE**
[72] MANNING, JAY-B, CA
[72] JANISH, BRIAN, CA
[71] MANNING, JAY-B, CA
[71] JANISH, BRIAN, CA
[22] 2017-09-20
[41] 2019-03-20

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[13] A1
[51] **Int.Cl. C10B 53/00 (2006.01) B01J 19/24 (2006.01) C10L 1/00 (2006.01)**
[25] EN
[54] **STATIONARY REACTOR AND ITS INTERNALS FOR PRODUCING LIQUID FUEL FROM WASTE HYDROCARBON AND/OR ORGANIC MATERIAL AND/OR CONTAMINATED OILS, THERMAL PROCESSES, USES AND MANAGING SYSTEMS THEREOF**
[54] **REACTEUR STATIONNAIRE ET SES DISPOSITIFS INTERNES SERVANT A PRODUIRE UN CARBURANT LIQUIDE A PARTIR D'HYDROCARBURE RESIDUEL OU DE MATIERE ORGANIQUE OU DE SOLS CONTAMINES, PROCEDES THERMIQUES, UTILISATION ET SYSTEMES DE GESTION ASSOCIES**
[72] BERTRAND, LOUIS, CA
[72] WHEELER, LUCIE B., CA
[71] BERTRAND, LOUIS, CA
[71] WHEELER, LUCIE B., CA
[22] 2017-09-20
[41] 2019-03-20

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[13] A1
[51] **Int.Cl. B63B 27/14 (2006.01) B60F 3/00 (2006.01) B65G 69/28 (2006.01)**
[25] EN
[54] **FOLDABLE BOAT RAMP**
[54] **RAMPE DE BATEAU PLIANTE**
[72] DUCOLON, FREDERIC DAN, US
[71] DUCOLON, FREDERIC DAN, US
[22] 2017-09-20
[41] 2019-03-20

[21] **2,979,710**
[13] A1
[51] **Int.Cl. G06Q 20/28 (2012.01)**
[25] EN
[54] **COMPUTING ARCHITECTURE FOR MANUFACTURING AND TRACKING GIFT CARDS AND CONTROLLING VALUE TRANSFER WITH A MACHINE INTELLIGENCE ENGINE**
[54] **ARCHITECTURE INFORMATIQUE DESTINEE A LA FABRICATION ET AU SUIVI DE CARTES-CADEAUX ET AU CONTROLE DU TRANSFERT DE VALEUR AU MOYEN D'UN MOTEUR D'INTELLIGENCE MACHINE**
[72] GIL, CAMILO, CA
[72] SCHILLER, ZACHARY JOHNATHON, CA
[71] CIBC WORLD MARKETS INC., CA
[22] 2017-09-21
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[21] **2,979,715**
[13] A1
[51] **Int.Cl. A01G 31/00 (2018.01) A01G 31/02 (2006.01)**
[25] EN
[54] **HYDROPONICS SYSTEM AND METHOD**
[54] **SYSTEME HYDROPONIQUE ET METHODE**
[72] GHESHLAGHI, NADER, CA
[72] PANCHAL, MALAY, CA
[72] SAWANT, VISHWAS, CA
[71] PURESINSE INC., CA
[22] 2017-09-21
[41] 2019-03-21

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[13] A1
[51] **Int.Cl. A62C 3/00 (2006.01) A62C 37/00 (2006.01)**
[25] EN
[54] **AIRBORNE FIRE EXTINGUISHING SYSTEM WITH INFRARED IMAGING AND METHOD**
[54] **SYSTEME D'EXTINCTION INCENDIE AEROPORTE DOTE D'IMAGERIE INFRAROUGE, ET METHODE**
[72] HECK, KENNETH, CA
[71] HECK, KENNETH, CA
[22] 2017-09-21
[41] 2019-03-20
[30] US (15710614) 2017-09-20

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[51] **Int.Cl. B32B 37/02 (2006.01) A47B 96/20 (2006.01) B32B 3/12 (2006.01) E04C 2/30 (2006.01) F16S 1/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR THE MANUFACTURE OF VERTICALLY ORIENTED FLUTED MULTIWALLS**
[54] **SYSTEMES ET METHODES DE FABRICATION DE MULTIPAROIS CANNELEES ORIENTEES VERTICALEMENT**
[72] SITTON, OREN, IL
[71] SITTON, OREN, IL
[22] 2017-09-21
[41] 2019-03-21

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[13] A1
[51] **Int.Cl. A61K 31/405 (2006.01) A23L 33/175 (2016.01) A61P 11/06 (2006.01) A61P 37/08 (2006.01)**
[25] EN
[54] **MEANS AND METHODS FOR TREATING INFLAMMATORY DISEASES**
[54] **MOYENS ET METHODES DE TRAITEMENT DES MALADIES INFLAMMATOIRES**
[72] KRAUSS-ETSCHMANN, SUSANNE, DE
[72] HARTMANN, ANTON, DE
[72] SCHMITT-KOPPLIN, PHILIPPE, DE
[72] SCHLOTER, MICHAEL, DE
[71] HELMHOLTZ ZENTRUM MUENCHEN DEUTSCHES FORSCHUNGSZENTRUM FUER GESUNDHEIT UND UMWELT (GMBH), DE
[22] 2017-09-21
[41] 2019-03-19
[30] US (15/708,902) 2017-09-19

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[13] A1
[51] **Int.Cl. B01D 17/02 (2006.01) B01D 21/28 (2006.01)**
[25] EN
[54] **SECONDARY-PHASE SEPARATION APPARATUS AND A METHOD THEREOF**
[54] **APPAREIL DE SEPARATION DE PHASE SECONDAIRE ET METHODE ASSOCIEE**
[72] KIRK, TODD WILLIAM, CA
[72] WHITNEY, DANIEL CLIFFORD, CA
[71] EXTERRAN WATER SOLUTIONS ULC, CA
[22] 2017-09-22
[41] 2019-03-22
[30] US (15/713,295) 2017-09-22

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[13] A1
[51] **Int.Cl. C10G 31/06 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR REDUCING FOULING IN CRUDE REFINING BY REDUCTION OF PHOSPHOROUS**
[54] **APPAREIL ET METHODE DE REDUCTION DE L'ENCRASSEMENT DANS LE RAFFINAGE DE BRUT PAR REDUCTION DU PHOSPHORE**
[72] JOHNSON, JAMES F., US
[72] CANTLEY, GREGORY A., US
[72] ADAMS, PHILLIP RYAN, US
[71] MARATHON PETROLEUM COMPANY LP, US
[22] 2017-09-22
[41] 2019-03-22

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[13] A1
[51] **Int.Cl. G01V 3/15 (2006.01) G01V 3/00 (2006.01) G01V 3/16 (2006.01) G01V 11/00 (2006.01) G01V 3/36 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DATA ACQUISITION**
[54] **APPAREIL ET METHODE D'ACQUISITION DE DONNEES**
[72] POLZER, BENJAMIN DAVID, CA
[72] WALKER, PETER WHYTE, CA
[72] WEST, GORDON FOX, CA
[72] HURLEY, PETER ANTHONY, CA
[72] HOGG, ROBERT LESLIE SCOTT, CA
[71] VALE S.A., BR
[22] 2017-09-22
[41] 2019-03-22

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[13] A1
[51] **Int.Cl. B01D 45/12 (2006.01) B01D 21/26 (2006.01)**
[25] EN
[54] **HIGHER CONTAINMENT VSS WITH MULTI ZONE STRIPPING**
[54] **VSS DE CONFINEMENT SUPERIEUR A EPURATION MULTIZONE**
[72] LOMAS, DAVID, US
[71] MARATHON PETROLEUM COMPANY LP, US
[22] 2017-09-22
[41] 2019-03-22

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[13] A1
[51] **Int.Cl. F16M 13/02 (2006.01) B25J 1/04 (2006.01) G03B 17/00 (2006.01)**
[25] EN
[54] **TRAIL CAMERA MOUNTING SYSTEM**
[54] **SYSTEME D'INSTALLATION DE CAMERA DE SUIVI**
[72] DEMERS, MICHAEL S., US
[72] EVANS, SIMON, US
[71] SPY HIGH LLC, US
[22] 2017-09-21
[41] 2019-03-19
[30] US (15/709,276) 2017-09-19

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[51] **Int.Cl. B01F 7/20 (2006.01) B01F 15/00 (2006.01)**
[25] EN
[54] **COMPOUND MIXING DEVICE AND KIT**
[54] **DISPOSITIF DE MELANGE D'UN COMPOSE ET TROUSSE**
[72] CALTAGIRONE, ROBERTO, CA
[71] DECOROCK INC., CA
[22] 2017-09-22
[41] 2019-03-22

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[13] A1
[51] **Int.Cl. B62D 55/26 (2006.01) B62D 55/18 (2006.01)**
[25] EN
[54] **TRACK FOR TRACTION OF VEHICLE**
[54] **CHENILLE DE TRACTION DE VEHICULE**
[72] DANDURAND, JULES, CA
[71] CAMSO INC., CA
[22] 2017-09-22
[41] 2019-03-22

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[13] A1
[51] **Int.Cl. A01H 6/20 (2018.01) C12N 15/113 (2010.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/54 (2006.01) C12N 15/55 (2006.01) C12N 15/56 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **CANOLA HYBRID CULTIVAR CL6665383H**
[54] **CULTIVAR DE CANOLA HYBRIDE CL6665383H**
[72] SHAW, ERIC, CA
[72] RIPLEY, VAN L., CA
[72] TAHIR, MUHAMMAD, CA
[72] ZHAO, JIANWEI, CA
[72] GORE, SHERRY, CA
[72] ALAHAKOON, USHAN, CA
[71] AGRIGENETICS, INC., US
[22] 2017-09-28
[41] 2019-03-19
[30] US (15/708561) 2017-09-19

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[51] **Int.Cl. A01H 6/20 (2018.01) C12N 15/113 (2010.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/04 (2006.01) C12N 5/10 (2006.01) C12N 15/52 (2006.01) C12N 15/54 (2006.01) C12N 15/55 (2006.01) C12N 15/56 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **CANOLA HYBRID CULTIVAR G6667223H**
[54] **CULTIVAR DE CANOLA HYBRIDE G6667223H**
[72] GINGERA, GREGORY R., CA
[72] KNIEVEL, DONNA CAROLYNN, CA
[72] ZHAO, JIANWEI, CA
[72] GORE, SHERRY, CA
[72] TAHIR, MUHAMMAD, CA
[72] ALAHAKOON, USHAN, CA
[71] AGRIGENETICS, INC., US
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[41] 2019-03-19
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[51] **Int.Cl. F24F 3/16 (2006.01) A61L 9/04 (2006.01) B01D 46/00 (2006.01) F24F 3/12 (2006.01)**
[25] EN
[54] **SCENT RELEASING FILTER ASSEMBLY**
[54] **ENSEMBLE DE FILTRE LIBERANT UN PARFUM**
[72] DEOLIVEIRA, JOHN, CA
[71] DEOLIVEIRA, JOHN, CA
[22] 2017-11-10
[41] 2019-03-21
[30] US (15/710,930) 2017-09-21

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[51] **Int.Cl. E06B 9/32 (2006.01) E06B 9/303 (2006.01)**
[25] EN
[54] **WINDOW COVERING CONTROL APPARATUS**
[54] **APPAREIL DE CONTROLE DE REVETEMENT DE FENETRE**
[72] LIN, TZU-YEN, TW
[71] WHOLE SPACE INDUSTRIES LTD., TW
[22] 2017-11-16
[41] 2019-03-20
[30] US (15/709,996) 2017-09-20

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[51] **Int.Cl. A01G 31/02 (2006.01) A01G 31/00 (2018.01)**
[25] EN
[54] **CULTIVATION SYSTEM AND METHODS**
[54] **SYSTEME ET METHODE DE CULTURE**
[72] MOFFITT, KYLE W., US
[72] DENARO, CHRISTOPHER R., US
[72] GIBSON, ROBERT A., US
[72] SULLIVAN, JOHN M., US
[72] ZIOLEK, LESZEK, US
[71] STEM CULTIVATION, INC., US
[22] 2017-11-30
[41] 2019-03-18
[30] US (15/707,462) 2017-09-18
[30] US (15/707,526) 2017-09-18
[30] US (15/707,545) 2017-09-18

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[13] A1
[51] **Int.Cl. B31B 70/14 (2017.01) B31B 70/64 (2017.01) B31B 70/81 (2017.01)**
[25] EN
[54] **POLYMERIC BAGS AND METHOD TO MAKE SAME**
[54] **SACS POLYMERIQUES ET METHODE DE FABRICATION ASSOCIEE**
[72] WOOD, GREGORY JAMES, US
[72] BERTRAND, ANTHONY H., US
[71] POLY-AMERICA, L.P., US
[22] 2017-12-13
[41] 2019-03-22
[30] US (15/712,543) 2017-09-22

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[13] A1
[51] **Int.Cl. E06C 7/06 (2006.01) E06C 7/02 (2006.01)**
[25] EN
[54] **RUNG LOCK FRAME FOR A RUNG LOCK ASSEMBLY FOR USE WITH AN EXTENSION LADDER**
[54] **CADRE DE BLOCAGE DE BARREAUX DESTINE A UN ASSEMBLAGE DE BLOCAGE DE BARREAUX POUR UNE ECHELLE A RALLONGE**
[72] CARRERA, ABELARDO, US
[71] LOUISVILLE LADDER INC., US
[22] 2017-12-21
[41] 2019-03-21
[30] US (15/711,631) 2017-09-21

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[13] A1
[51] **Int.Cl. A61G 1/04 (2006.01) A61F 5/055 (2006.01) A61G 1/044 (2006.01)**
[25] EN
[54] **SPINE BOARD WITH INTERIOR CHANNELS**
[54] **PLAQUE DE COLONNE DOTEE DE CANAUX INTERIEURS**
[72] PICCOLO-WIGNALL, JOHN, US
[72] FRITZ, DOUGLAS C., US
[72] OSBORN, JAMES R., US
[71] RX 1186, LLC, US
[22] 2018-01-17
[41] 2019-03-18
[30] US (15/707,435) 2017-09-18

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[13] A1
[51] **Int.Cl. E01H 5/06 (2006.01)**
[25] EN
[54] **SNOW REMOVAL DEVICE**
[54] **APPAREIL D'ENLEVEMENT DE LA NEIGE**
[72] NAM, KI BOK, CA
[71] NAM, KI BOK, CA
[22] 2018-01-30
[41] 2019-03-19
[30] KR (10-2017-0120424) 2017-09-19

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[51] **Int.Cl. B60P 1/56 (2006.01) B62D 63/06 (2006.01) B62D 65/00 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **SAND TRAILER**
[54] **REMORQUE A SABLE**
[72] TEICHROB, GARY WAYNE, CA
[72] MARTENS, ALAN ARTHUR, CA
[72] THIESSEN, KEVIN BRENT, CA
[72] MASON, PATRICK SCOTT, CA
[71] TY-CROP MANUFACTURING LTD., CA
[22] 2018-02-06
[41] 2019-03-21
[30] US (62/561,312) 2017-09-21

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[13] A1
[51] **Int.Cl. A01B 1/20 (2006.01) A01B 1/02 (2006.01) A01D 7/00 (2006.01)**
[25] EN
[54] **COMBINATION YARD TOLL ASSEMBLY**
[54] **ENSEMBLE COMBINE D'OUTILS DE JARDINAGE**
[72] RATHAN, DAVID, CA
[71] RATHAN, DAVID, CA
[22] 2018-04-10
[41] 2019-03-20
[30] US (15/709,580) 2017-09-20

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[13] A1
[51] **Int.Cl. G01N 37/00 (2006.01)**
[25] EN
[54] **STATISTICAL ANALYSIS OF CHAOTIC RESPONSE SIGNALS FOR TUBULARS**
[54] **ANALYSE STATISTIQUE DE SIGNAUX DE REPONSE CHAOTIQUE DE TUBULAIRES**
[72] VIEAU, DEAN M., US
[72] GIRRELL, BRUCE I., US
[72] CHIRINOS, JOHANA M., US
[72] SPENCER, DOUGLAS W., US
[71] QUANTA ASSOCIATES, L.P., US
[22] 2018-04-20
[41] 2019-03-18
[30] US (62/559,859) 2017-09-18
[30] US (15/954,275) 2018-04-16

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[13] A1
[51] **Int.Cl. E01H 5/02 (2006.01) E01H 5/12 (2006.01)**
[25] EN
[54] **SHOVELING SIDEWALK SCRAPER SYSTEM**
[54] **SYSTEME DE RACLEUR DE DEBLAYAGE DE TROTTOIR**
[72] TANFARA, LAWRENCE F., CA
[71] TANFARA, LAWRENCE F., CA
[22] 2018-06-01
[41] 2019-03-19
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[13] A1
[51] **Int.Cl. G16H 10/60 (2018.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CROSS-REGION PATIENT DATA MANAGEMENT AND COMMUNICATION**
[54] **SYSTEME ET METHODE DE GESTION ET COMMUNICATION DE DONNEES DE PATIENT INTER-REGION**
[72] INGRAHAM, OWEN, CA
[71] EASYMARKIT SOFTWARE, INC., CA
[22] 2018-06-05
[41] 2019-03-21
[30] US (15/711096) 2017-09-21

[21] **3,009,007**
[13] A1
[51] **Int.Cl. G08G 5/06 (2006.01)**
[25] EN
[54] **EFFICIENT TIME SLOT ALLOCATION FOR A FLIGHT PLAN OF AN AIRCRAFT**
[54] **ATTRIBUTION DE FENETRE TEMPORELLE EFFICACE A UN PLAN DE VOL D'UN AERONEF**
[72] KUSUMA, MURALI KRISHNA, US
[72] SRIVASTAV, AMIT, US
[72] RANGU, MAHENDER, US
[72] AGNIHOTRI, CHINMAYEE, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-06-20
[41] 2019-03-20
[30] US (15/710,656) 2017-09-20

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[51] **Int.Cl. B02C 23/08 (2006.01) A01G 22/00 (2018.01) A61K 36/185 (2006.01) C11B 1/02 (2006.01) A23L 3/40 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING WHOLE HEMP STALKS TO FORM DRY HEMP PRODUCT COMPRISING CANNABINOID OIL**
[54] **METHODE DE TRAITEMENT DE TIGES ENTIERES DE CHANVRE POUR FORMER UN PRODUIT DE CHANVRE SEC COMPRENANT DE L'HUILE DE CANNABINOIDE**
[72] BATES, LYALL D., CA
[71] BATES, LYALL D., CA
[22] 2018-06-26
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[13] A1
[51] **Int.Cl. B64C 13/02 (2006.01) B64C 5/02 (2006.01) B64C 9/12 (2006.01)**
[25] EN
[54] **AIRPLANE TAKEOFF TRIMS UTILIZING STABILIZERS AND ELEVATORS**
[54] **GARNITURES DE DECOLLAGE D'AERONEF EMPLOYANT DES STABILISATEURS ET DES ELEVATEURS**
[72] LEE, JONATHAN P., US
[71] THE BOEING COMPANY, US
[22] 2018-06-27
[41] 2019-03-18
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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 5/06 (2006.01) A01C 7/04 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **SEED METER WITH MULTIPLE SENSORS FOR SEED CELL STATUS MONITORING**
[54] **DOSEUR DE SEMENCES COMPORTANT PLUSIEURS CAPTEURS SERVANT A SURVEILLER L'ETAT DES CELLULES DE SEMENCES**
[72] SCHOENY, CHRISTOPHER, US
[72] JOHNSON, CHAD M., US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2018-07-04
[41] 2019-03-22
[30] US (15/712,375) 2017-09-22

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[51] **Int.Cl. B29C 69/00 (2006.01) B29C 53/42 (2006.01) B64C 1/40 (2006.01) B64D 33/00 (2006.01) B65H 45/28 (2006.01) B65H 45/30 (2006.01) E04B 1/86 (2006.01) E04C 2/30 (2006.01) G10K 11/16 (2006.01)**
[25] EN
[54] **ACOUSTIC DEVICE MANUFACTURING SYSTEM**
[54] **SYSTEME DE FABRICATION D'UN DISPOSITIF ACOUSTIQUE**
[72] HERRERA, ERIC, US
[72] BAUMAN, JOHN SCOTT, US
[72] OBERST, PETER JAMES, US
[71] THE BOEING COMPANY, US
[22] 2018-07-05
[41] 2019-03-19
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[13] A1
[51] **Int.Cl. F25D 17/08 (2006.01) B64D 11/04 (2006.01) F25B 49/00 (2006.01) F25D 15/00 (2006.01)**
[25] EN
[54] **REFRIGERATION SYSTEM HAVING VALVES AND VALVE CONTROL ACTUATORS**
[54] **SYSTEME DE REFRIGERATION AYANT DES VALVES ET DES ACTIONNEURS DE COMMANDE DE VALVE**
[72] MORAN, THOMAS JOSEPH, US
[71] THE BOEING COMPANY, US
[22] 2018-07-10
[41] 2019-03-19
[30] US (15/708344) 2017-09-19

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[51] **Int.Cl. B29C 70/20 (2006.01)**
[25] EN
[54] **MOLD TOOL WITH ANISOTROPIC THERMAL PROPERTIES**
[54] **OUTIL DE MOULE AYANT DES PROPRIETES THERMIQUES ANISOTROPES**
[72] CARLSON, DAVID G., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2018-07-10
[41] 2019-03-20
[30] US (15/710,811) 2017-09-20

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[51] **Int.Cl. F16N 39/06 (2006.01) B01D 35/02 (2006.01) B64D 33/08 (2006.01) F01D 25/18 (2006.01) F02C 7/06 (2006.01) F02C 7/14 (2006.01) F16N 39/02 (2006.01) F28F 27/00 (2006.01)**
[25] EN
[54] **OIL FILTERING SYSTEM**
[54] **SYSTEME DE FILTRAGE D'HUILE**
[72] ADIQUE, MARC JORDAN, CA
[72] LOGAN, ADAM, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-07-13
[41] 2019-03-22
[30] US (15/712,947) 2017-09-22

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[13] A1
[51] **Int.Cl. F02C 7/36 (2006.01) B64D 35/00 (2006.01) B64D 35/08 (2006.01) B64D 41/00 (2006.01) F02B 53/14 (2006.01) F02C 7/32 (2006.01)**
[25] EN
[54] **ENGINE ASSEMBLY**
[54] **ENSEMBLE MOTEUR**
[72] THOMASSIN, JEAN, CA
[72] VILLENEUVE, BRUNO, CA
[72] FONTAINE, MIKE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-07-16
[41] 2019-03-19
[30] US (15/708,905) 2017-09-19

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[13] A1
[51] **Int.Cl. G01D 5/02 (2006.01) B64C 13/34 (2006.01) F16H 25/20 (2006.01) F16H 57/00 (2012.01) G01D 5/04 (2006.01)**
[25] EN
[54] **ACTUATOR POSITION SENSOR MECHANISM**
[54] **MECANISME DE DETECTEUR DE POSITION D'ACTIONNEUR**
[72] SARDI, ADIL, FR
[71] RATIER-FIGEAC SAS, FR
[22] 2018-07-16
[41] 2019-03-18
[30] EP (17306211.8) 2017-09-18

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[13] A1
[51] **Int.Cl. F02C 7/36 (2006.01) B64D 35/00 (2006.01) B64D 35/08 (2006.01) B64D 41/00 (2006.01) F02B 53/14 (2006.01)**
[25] EN
[54] **METHOD OF OPERATING AN ENGINE ASSEMBLY**
[54] **METHODE D'UTILISATION D'UN ENSEMBLE MOTEUR**
[72] THOMASSIN, JEAN, CA
[72] VILLENEUVE, BRUNO, CA
[72] FONTAINE, MIKE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-07-16
[41] 2019-03-19
[30] US (15/708,919) 2017-09-19

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[13] A1
[51] **Int.Cl. B24B 9/04 (2006.01) A46B 13/02 (2006.01) A63C 3/10 (2006.01)**
[25] EN
[54] **BLADE TREATMENTS**
[54] **TRAITEMENTS DE LAME**
[72] SHAFFER, WILLIAM R., US
[72] SHAFFER, LUCAS A., US
[71] CONICITY TECHNOLOGIES, US
[22] 2018-07-19
[41] 2019-03-22
[30] US (62/562,288) 2017-09-22
[30] US (16/031,611) 2018-07-10

[21] **3,012,548**
[13] A1
[51] **Int.Cl. F24F 11/38 (2018.01) F24F 11/62 (2018.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR IDENTIFYING ERRONEOUS DISCHARGE AIR TEMPERATURE (DAT) SENSOR INSTALLATION**
[54] **METHODE ET APPAREIL D'IDENTIFICATION DE MAUVAISE INSTALLATION DE CAPTEUR DE TEMPERATURE D'AIR D'EVACUATION**
[72] DELGOSHAEI, PAYAM, US
[72] VENKATESH, SRIDHAR, US
[72] KOWALD, GLENN W., US
[72] OERNBO, LARS NOERGAARD, US
[71] LENNOX INDUSTRIES INC., US
[22] 2018-07-26
[41] 2019-03-19
[30] US (15/708,724) 2017-09-19

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[13] A1
[51] **Int.Cl. F01D 5/16 (2006.01) C23C 30/00 (2006.01) F01D 5/14 (2006.01) F01D 5/28 (2006.01) F04D 29/02 (2006.01) F04D 29/38 (2006.01) C23C 18/16 (2006.01) C23C 18/54 (2006.01) C25D 5/00 (2006.01)**
[25] EN
[54] **COMPRESSOR ROTOR WITH COATED BLADES**
[54] **ROTOR DE COMPRESSEUR A PALES REVETUES**
[72] VEITCH, THOMAS, CA
[72] ABRARI, FARID, CA
[72] ADIQUE, ERNEST, CA
[72] AITCHISON, PAUL, CA
[72] FUDGE, DANIEL, CA
[72] HEIKURINEN, KARI, CA
[72] STONE, PAUL, CA
[72] URAC, TIBOR, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-08-03
[41] 2019-03-18
[30] US (15/707,133) 2017-09-18

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[13] A1
[51] **Int.Cl. E06B 9/42 (2006.01) A47H 1/13 (2006.01)**
[25] EN
[54] **ROLLER BLIND END BRACKET WITH RETAINING MEMBER**
[54] **SUPPORT D'EXTREMITE DE STORE A ROULEAU DOTE D'UN ELEMENT DE RETENUE**
[72] NG, PHILIP, CA
[71] ZMC METAL COATING INC., CA
[22] 2018-08-08
[41] 2019-03-19
[30] US (62/560,226) 2017-09-19

[21] **3,013,607**
[13] A1
[51] **Int.Cl. E06B 9/42 (2006.01) A47H 1/13 (2006.01)**
[25] EN
[54] **ADJUSTABLE ROLLER SHADE BRACKET WITH POSITIONAL INDICATOR**
[54] **SUPPORT DE STORE AJUSTABLE DOTE D'UN INDICATEUR DE POSITION**
[72] NG, PHILIP, CA
[71] ZMC METAL COATING INC., CA
[22] 2018-08-08
[41] 2019-03-19
[30] US (62/560,227) 2017-09-19

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[13] A1
[51] **Int.Cl. B43K 8/03 (2006.01) B43K 1/12 (2006.01)**
[25] EN
[54] **WRITING TOOL**
[54] **OUTIL D'ECRITURE**
[72] CHEN, SZU-YU, CN
[71] SDI CORPORATION, CN
[22] 2018-08-08
[41] 2019-03-18
[30] CN (106131962) 2017-09-18

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[13] A1
[51] **Int.Cl. E21B 3/02 (2006.01) E21B 7/00 (2006.01) E21B 17/18 (2006.01)**
[25] EN
[54] **DOUBLE HEAD DRILLING DEVICE AND METHOD FOR PRODUCING A BORE**
[54] **APPAREIL DE FORAGE A DOUBLE TETE ET METHODE DE PRODUCTION D'UN TROU**
[72] PIKOWSKI, ANDREAS, DE
[72] MERZHAEUSER, MARKUS, DE
[72] UELHOFF, HENRIK, DE
[71] EURODRILL GMBH, DE
[22] 2018-08-14
[41] 2019-03-19
[30] EP (17 191 865.9) 2017-09-19

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[51] **Int.Cl. B64D 29/00 (2006.01) B64C 21/00 (2006.01) B64D 15/08 (2006.01) B64D 33/02 (2006.01) F02C 7/047 (2006.01)**
[25] EN
[54] **ADVANCED INLET DESIGN**
[54] **MODELE D'ENTREE EVOLUE**
[72] THOMAS, HOLLY J., US
[72] RIEDEL, BRIAN L., US
[72] CURAUDEAU, ALEXANDRE D., US
[72] FOUTCH, DAVID W., US
[72] MACKIN, STEVE G., US
[71] THE BOEING COMPANY, US
[22] 2018-08-15
[41] 2019-03-22
[30] US (62/562232) 2017-09-22
[30] US (15/880496) 2018-01-25

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[51] **Int.Cl. H01F 41/06 (2016.01) B21F 3/02 (2006.01) H02K 15/08 (2006.01)**
[25] EN
[54] **NEEDLE WINDING DEVICE AND NEEDLE WINDING METHOD**
[54] **DISPOSITIF D'ENROULEMENT D'AIGUILLE ET METHODE D'ENROULEMENT D'AIGUILLE**
[72] LUTTGE, WOLFGANG, DE
[71] AUMANN ESPELKAMP GMBH, DE
[22] 2018-08-17
[41] 2019-03-22
[30] EP (17 192 737.9-1202) 2017-09-22

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[13] A1
[51] **Int.Cl. A01B 71/02 (2006.01) A01B 63/24 (2006.01) A01B 71/00 (2006.01)**
[25] EN
[54] **IMPLEMENT OPTIMIZATION BY AUTOMATED ADJUSTMENTS**
[54] **OPTIMISATION D'ACCESSOIRE PAR AJUSTEMENTS AUTOMATISES**
[72] SPORRER, ADAM D., US
[72] BECKER, SHAWN J., US
[72] CROSS, JACOB W., US
[71] DEERE & COMPANY, US
[22] 2018-08-17
[41] 2019-03-18
[30] US (15/707,570) 2017-09-18

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[13] A1
[51] **Int.Cl. G12B 13/00 (2006.01) A01C 7/06 (2006.01) A01C 7/08 (2006.01) G01G 23/14 (2006.01)**
[25] EN
[54] **COMMODITY METERING SYSTEM FOR WORK VEHICLE AND CALIBRATION METHOD FOR SAME**
[54] **SYSTEME DE MESURE DE PRODUITS DESTINE A UN VEHICULE DE TRAVAIL ET METHODE D'ETALONNAGE ASSOCIEE**
[72] HARMON, ANDREW W., US
[72] CASPER, ROBERT T., US
[72] GRAHAM, WILLIAM DOUGLAS, US
[71] DEERE & COMPANY, US
[22] 2018-08-20
[41] 2019-03-21
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[51] **Int.Cl. G12B 13/00 (2006.01) A01B 49/06 (2006.01) A01C 7/06 (2006.01) A01C 7/20 (2006.01) G01G 23/14 (2006.01)**
[25] EN
[54] **COMMODITY METERING SYSTEM FOR WORK VEHICLE AND CALIBRATION METHOD FOR SAME**
[54] **SYSTEME DE MESURE DE PRODUITS DESTINE A UN VEHICULE DE TRAVAIL ET METHODE D'ETALONNAGE ASSOCIEE**
[72] GARNER, ELIJAH B., US
[72] MILLER, JONATHAN T., US
[72] BORKGREN STANLEY R., US
[71] DEERE & COMPANY, US
[22] 2018-08-20
[41] 2019-03-21
[30] US (15/711,805) 2017-09-21

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[51] **Int.Cl. A01C 7/08 (2006.01) A01C 5/06 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **COMMODITY METERING SYSTEM WITH SPEED COMPENSATION BASED ON MACHINE TILT AND METHODS FOR OPERATING THE SAME**
[54] **SYSTEME DE MESURE DE PRODUITS A COMPENSATION DE VITESSE FONDEE SUR L'INCLINAISON DE LA MACHINE ET METHODE D'EXPLOITATION ASSOCIEE**
[72] FELTON, KEITH L., US
[72] GARNER, ELIJAH B., US
[72] BORKGREN, STANLEY R., US
[71] DEERE & COMPANY, US
[22] 2018-08-21
[41] 2019-03-21
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[13] A1
[51] **Int.Cl. F16J 15/26 (2006.01) F04B 53/02 (2006.01) F16J 15/18 (2006.01)**
[25] EN
[54] **PACKING FOR A WELL SERVICE PUMP**
[54] **GARNITURE DE POMPE D'ENTRETIEN DE PUITS**
[72] CHASE, JOHN, US
[72] WIEGAND, TROY E., US
[71] GARDNER DENVER PETROLEUM PUMPS, LLC, US
[22] 2018-08-23
[41] 2019-03-20
[30] US (15/710,574) 2017-09-20

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[51] **Int.Cl. D02G 3/36 (2006.01) D01H 4/00 (2006.01) D01H 4/38 (2006.01) D03D 15/00 (2006.01) D04B 1/14 (2006.01)**
[25] EN
[54] **SPIRAL YARN STRUCTURE, MANUFACTURING METHOD AND MANUFACTURING DEVICE THEREOF AND TEXTILE UTILIZING THE SAME**
[54] **STRUCTURE DE FIL EN SPIRAL, METHODE DE FABRICATION ET DISPOSITIF DE FABRICATION ASSOCIE, ET TEXTILE EMPLOYANT LEDIT FIL**
[72] HUANG, WEN-CHI, CN
[72] LYU, TING-YI, CN
[71] CORETEK FIBERS LTD., CN
[22] 2018-08-24
[41] 2019-03-21
[30] TW (106132452) 2017-09-21

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[51] **Int.Cl. A01D 41/127 (2006.01) A01F 12/44 (2006.01)**
[25] EN
[54] **LOUVER POSITION SENSING SYSTEM FOR A SIEVE AND CHAFFER OF A COMBINE HARVESTER**
[54] **SYSTEME DE DETECTION DE POSITION D'AERATEUR A LAMES DESTINE A UN TAMIS ET GRILLE SUPERIEURE D'UNE MOISSONNEUSE-BATTEUSE**
[72] MANEY, JEFFREY HARRIS, US
[71] HCC, INC., US
[22] 2018-08-27
[41] 2019-03-18
[30] US (62/560030) 2017-09-18
[30] US (16/102358) 2018-08-13

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[13] A1
[51] **Int.Cl. A61L 27/34 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **ELECTROSURGICAL TISSUE SEALING DEVICE WITH NON-STICK COATING**
[54] **DISPOSITIF DE FERMETURE TISSULAIRE ELECTROCHIRURGICAL DOTE D'UN REVETEMENT ANTIADHESIF**
[72] ROBINSON, WILLIAM E., US
[72] BARDEN, MICHAEL C., US
[72] BRADLEY, KRISTEN P., US
[72] BOUCHER, TODD W., US
[71] COVIDIEN LP, US
[22] 2018-08-27
[41] 2019-03-22
[30] US (62/561,812) 2017-09-22
[30] US (16/059,279) 2018-08-09

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[13] A1
[51] **Int.Cl. E06B 1/70 (2006.01) E04F 19/02 (2006.01)**
[25] EN
[54] **FIXTURE FOR LAYING A JOINT-COVERING/THRESHOLD-COVERING PROFILED ELEMENT AND KIT COMPRISING SUCH FIXTURE**
[54] **APPAREIL DE POSE D'ELEMENT PROFILE DE RECOUVREMENT DE JOINT OU DE SEUIL ET TROUSSE COMPRENANT UN TEL APPAREIL**
[72] BORDIN, DENNIS, IT
[71] PROGRESS PROFILES SPA, IT
[22] 2018-08-28
[41] 2019-03-20
[30] IT (102017000104860) 2017-09-20

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[51] **Int.Cl. B29C 49/24 (2006.01)**
[25] EN
[54] **INTEGRALLY, EXTRUSION BLOW MOLDED CONTAINER, LABEL AND RFID TAG**
[54] **CONTENANT MOULE, SOUFFLE PAR EXTRUSION, INTEGRALEMENT, ETIQUETTE ET BALISE RFID**
[72] BROWNING, KENNETH J., JR., US
[72] MONACELLA, TIMOTHY P., US
[72] TELESZ, BRADEN, US
[71] SILGAN PLASTICS LLC, US
[22] 2018-08-29
[41] 2019-03-21
[30] US (15/710,996) 2017-09-21

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[13] A1
[51] **Int.Cl. H02K 15/03 (2006.01) H01F 3/02 (2006.01) H01F 41/02 (2006.01) H02K 1/27 (2006.01)**
[25] EN
[54] **MANUFACTURING METHOD OF STACKED CORE AND MANUFACTURING DEVICE OF STACKED CORE**
[54] **METHODE DE FABRICATION DE NOYAU EMPILE ET DISPOSITIF DE FABRICATION DE NOYAU EMPILE**
[72] ISHIMATSU, HISATOMO, JP
[72] KOTANI, SHUHEI, JP
[72] MABU, HIROTOSHI, JP
[72] ICHIMARU, TOMOYOSHI, JP
[71] MITSUI HIGH-TEC, INC., JP
[22] 2018-08-30
[41] 2019-03-19
[30] JP (2017-178768) 2017-09-19

[21] **3,016,034**
[13] A1
[51] **Int.Cl. B60N 2/28 (2006.01)**
[25] EN
[54] **QUICK CONNECT COUPLER FOR A CHILD SAFETY SEAT TOP TETHER**
[54] **RACCORD RAPIDE DESTINE A UN CABLE D'ATTACHE DE SIEGE D'AUTO POUR ENFANT**
[72] HOOVER, BRANDON CORY, US
[71] BRITAX CHILD SAFETY, INC., US
[22] 2018-08-30
[41] 2019-03-19
[30] US (62/560,353) 2017-09-19

[21] **3,016,503**
[13] A1
[51] **Int.Cl. B23K 37/04 (2006.01) B23P 11/00 (2006.01)**
[25] EN
[54] **TOOL FOR FACILITATING REMOVAL OF A BROKEN EXHAUST MANIFOLD STUD FROM A CYLINDER HEAD AND METHOD OF USING SAME**
[54] **OUTIL SERVANT A FACILITER LE RETRAIT D'UN MONTANT DE COLLECTEUR D'ECHAPPEMENT BRISE D'UNE TETE DE CYLINDRE ET METHODE D'UTILISATION ASSOCIEE**
[72] ROBERTO, MARCO, CA
[72] ROBERTO, CARLO, CA
[71] ROBERTO, MARCO, CA
[71] ROBERTO, CARLO, CA
[22] 2018-09-05
[41] 2019-03-22
[30] GB (1715542.5) 2017-09-22

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[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 33/12 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **BOTTOM HOLE ASSEMBLY FOR CONFIGURING BETWEEN ARTIFICIAL LIFT SYSTEMS**
[54] **APPAREIL DE TROU DE FOND SERVANT A LA CONFIGURATION ENTRE DES SYSTEMES DE LEVAGE ARTIFICIELS**
[72] CAMPBELL, THOMAS SCOTT, US
[72] AGARWAL, MANISH, US
[72] LEMBCKE, JEFFREY J., US
[72] KNOELLER, MICHAEL C., US
[72] PUGH, TOBY S., US
[72] LANE, WILLIAM C., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2018-09-05
[41] 2019-03-22
[30] US (15/712,989) 2017-09-22

[21] **3,016,567**
[13] A1
[51] **Int.Cl. B66F 11/04 (2006.01)**
[25] EN
[54] **FOLDABLE PERSONNEL BASKET FOR A CRANE**
[54] **PANIER DE PERSONNEL PLIANT DESTINE A UNE GRUE**
[72] PHILLIPS, IAN, US
[72] LEEHUE, ROWAN, US
[71] AUTO CRANE COMPANY, US
[22] 2018-09-05
[41] 2019-03-21
[30] US (15/711,279) 2017-09-21

[21] **3,016,644**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01) A24F 1/00 (2006.01) A24F 1/30 (2006.01)**
[25] EN
[54] **SMOKING PIPE WITH POD**
[54] **PIPE COMPORTANT UNE CAPSULE**
[72] BAUTISTA, ANTHONY D., US
[71] BAUTISTA, ANTHONY D., US
[22] 2018-09-06
[41] 2019-03-21
[30] US (15711969) 2017-09-21

[21] **3,016,646**
[13] A1
[51] **Int.Cl. C04B 35/84 (2006.01) C04B 41/87 (2006.01)**
[25] EN
[54] **CERAMIC MATRIX COMPOSITE ARTICLES**
[54] **ARTICLES EN COMPOSITE A MATRICE CERAMIQUE**
[72] STEIBEL, JAMES DALE, US
[72] SUBRAMANIAN, SURESH, US
[72] VISWANATHAN, SURESH, US
[72] WEAVER, JARED HOGG, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-09-06
[41] 2019-03-21
[30] US (15/710,965) 2017-09-21

[21] **3,016,650**
[13] A1
[51] **Int.Cl. C04B 35/84 (2006.01) C04B 41/87 (2006.01)**
[25] EN
[54] **CERAMIC MATRIX COMPOSITE ARTICLES**
[54] **ARTICLES EN COMPOSITE A MATRICE CERAMIQUE**
[72] SUBRAMANIAN, SURESH, US
[72] NOE, MARK EUGENE, US
[72] STEIBEL, JAMES DALE, US
[72] SHAPIRO, JASON DAVID, US
[72] REYNOLDS, BRANDON ALIANSON, US
[72] MONTGOMERY, KURTIS C., US
[72] WEAVER, JARED HOGG, US
[72] DUNN, DANIEL GENE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-09-06
[41] 2019-03-21
[30] US (15/710,954) 2017-09-21

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[13] A1
[51] **Int.Cl. F01D 11/08 (2006.01) F02C 7/28 (2006.01)**
[25] EN
[54] **SEAL ASSEMBLY FOR COUNTER ROTATING TURBINE ASSEMBLY**
[54] **DISPOSITIF DE JOINT DESTINE A UN ENSEMBLE DE TURBINE A CONTRE-ROTATION**
[72] GIBSON, NATHAN EVAN MCCURDY, US
[72] ZATORSKI, DAREK TOMASZ, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-09-06
[41] 2019-03-20
[30] US (15/709,617) 2017-09-20

[21] **3,016,656**
[13] A1
[51] **Int.Cl. F23R 3/00 (2006.01) F23R 3/02 (2006.01)**
[25] EN
[54] **CANTED COMBUSTOR FOR GAS TURBINE ENGINE**
[54] **CHAMBRE DE COMBUSTION INCLINEE DESTINEE A UNE TURBINE A GAZ**
[72] LIND, DAVID ALBIN, US
[72] KARANDE, RISHIKESH, US
[72] NAIK, PRADEEP, US
[72] PATRA, AJOY, US
[72] BOARDMAN, GREGORY ALLEN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-09-06
[41] 2019-03-21
[30] US (15/711,203) 2017-09-21

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[13] A1
[51] **Int.Cl. F02C 7/06 (2006.01) F01D 25/16 (2006.01) F01D 25/18 (2006.01)**
[25] EN
[54] **LUBE SYSTEM FOR GEARED TURBINE SECTION**
[54] **SYSTEME DE LUBRIFICATION DESTINE A UNE SECTION DE TURBINE A ENGRENAGES**
[72] ZATORSKI, DAREK TOMASZ, US
[72] GLYNN, CHRISTOPHER CHARLES, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-09-06
[41] 2019-03-20
[30] US (15/710,261) 2017-09-20

[21] **3,016,724**
[13] A1
[51] **Int.Cl. F01D 11/00 (2006.01) F02C 7/28 (2006.01)**
[25] EN
[54] **INTERSAGE SEAL ASSEMBLY FOR COUNTER ROTATING TURBINE**
[54] **DISPOSITIF DE JOINT INTERETAGE DESTINE A UN ENSEMBLE DE TURBINE A CONTRE-ROTATION**
[72] WESLING, RICHARD ALAN, US
[72] ZATORSKI, DAREK TOMASZ, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-09-06
[41] 2019-03-20
[30] US (15/709,642) 2017-09-20

[21] **3,016,738**
[13] A1
[51] **Int.Cl. F01D 5/22 (2006.01) F01D 5/02 (2006.01)**
[25] EN
[54] **ROTATABLE TORQUE FRAME FOR GAS TURBINE ENGINE**
[54] **CADRE DE COUPLE ROTATIF DESTINE A UNE TURBINE A GAZ**
[72] VAN DER MERWE, GERT JOHANNES, US
[72] ZATORSKI, DAREK TOMASZ, US
[72] WESLING, RICHARD ALAN, US
[72] CLEMENTS, JEFFREY DONALD, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-09-06
[41] 2019-03-19
[30] US (15/708,762) 2017-09-19

[21] **3,016,743**
[13] A1
[51] **Int.Cl. F02C 3/067 (2006.01) F01D 1/24 (2006.01) F02C 7/36 (2006.01)**
[25] EN
[54] **COUNTER ROTATING TURBINE WITH REVERSING SPEED REDUCTION ASSEMBLY**
[54] **TURBINE A CONTRE-ROTATION EQUIPEE D'UN ASSEMBLAGE DE REDUCTION DE VITESSE A INVERSION**
[72] CLEMENTS, JEFFREY DONALD, US
[72] ZATORSKI, DAREK TOMASZ, US
[72] STUART, ALAN ROY, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-09-06
[41] 2019-03-20
[30] US (15/709,651) 2017-09-20

[21] **3,016,744**
[13] A1
[51] **Int.Cl. E01C 11/02 (2006.01) E01D 19/06 (2006.01)**
[25] EN
[54] **EXPANSION JOINT SYSTEM AND EXPANSION JOINT**
[54] **SYSTEME DE JOINT DE DILATATION ET JOINT DE DILATATION**
[72] MOORE, GARY, US
[72] SMITH, ADAM, US
[72] PUMM, PAUL, US
[71] WATSON BOWMAN ACME CORPORATION, US
[22] 2018-09-05
[41] 2019-03-18
[30] US (62/560,002) 2017-09-18

[21] **3,016,747**
[13] A1
[51] **Int.Cl. F01D 11/20 (2006.01) F01D 11/08 (2006.01)**
[25] EN
[54] **METHOD OF CLEARANCE CONTROL FOR AN INTERDIGITATED TURBINE ENGINE**
[54] **METHODE DE CONTROLE DU DEGAGEMENT D'UNE TURBINE INTERDIGITEE**
[72] VAN DER MERWE, GERT JOHANNES, US
[72] ZATORSKI, DAREK TOMASZ, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-09-06
[41] 2019-03-20
[30] US (15/709,600) 2017-09-20

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[13] A1
[51] **Int.Cl. B32B 5/12 (2006.01) B32B 18/00 (2006.01) B32B 37/00 (2006.01) B32B 38/00 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **CONTACT INTERFACE FOR A COMPOSITE COMPONENT AND METHODS OF FABRICATION**
[54] **INTERFACE DE CONTACT DESTINEE A UNE COMPOSANTE COMPOSITE ET METHODES DE FABRICATION**
[72] WEAVER, MATTHEW MARK, US
[72] KLEINOW, CHAD DANIEL, US
[72] AGNEW, BRIAN JARED, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-09-06
[41] 2019-03-20
[30] US (15/709,835) 2017-09-20

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61M 1/00 (2006.01)**
[25] EN
[54] **TRACKED SUCTION TOOL**
[54] **OUTIL D'ASPIRATION TRACTE**
[72] KHERADPIR, LEILA, CA
[72] DUPONT, KYLE RICHARD, CA
[72] JANKOWSKI, JAKUB, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[22] 2018-09-10
[41] 2019-03-21
[30] US (15/732,113) 2017-09-21

[21] **3,016,793**
[13] A1
[51] **Int.Cl. E04C 3/18 (2006.01) E04C 5/18 (2006.01) F16B 5/07 (2006.01)**
[25] EN
[54] **TRUSS MEMBER CONNECTOR, REINFORCED TRUSS, AND TRUSS REINFORCING METHOD**
[54] **RACCORD D'ELEMENT DE FERME, FERME RENFORCEE ET METHODE DE RENFORCEMENT DE FERME**
[72] BRAKEMAN, DAVID BRUCE, US
[72] LEWIS, STUART LEE, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2018-09-07
[41] 2019-03-22
[30] US (62/561,798) 2017-09-22
[30] US (16/112,001) 2018-08-24

[21] **3,016,975**
[13] A1
[51] **Int.Cl. F16C 11/06 (2006.01) F16N 1/00 (2006.01) F16N 21/00 (2006.01)**
[25] EN
[54] **SPHERICAL AUTOMOTIVE JOINT WITH IMPROVED GREASE ACCESS**
[54] **JOINT AUTOMOBILE SPHERIQUE A ACCES AMELIORE A LA GRAISSE**
[72] KRAATZ, CLAYTON, CA
[71] KRAATZ, CLAYTON, CA
[22] 2018-09-10
[41] 2019-03-21
[30] US (62561434) 2017-09-21

[21] **3,017,118**
[13] A1
[51] **Int.Cl. F16L 55/12 (2006.01) F16L 55/132 (2006.01) F16L 55/46 (2006.01)**
[25] EN
[54] **TOOLS AND METHODS FOR SETTING A PLUG INSIDE A PIPE**
[54] **OUTILS ET METHODES D'INSTALLATION D'UN BOUCHON A L'INTERIEUR D'UN TUYAU**
[72] ILLINGWORTH, TROY, CA
[72] SHARP, TIM, CA
[72] NEKURAK, MARK, CA
[72] BELANGER, MARLIN, CA
[72] HAMBROOK, IAN, CA
[72] HARRIS, JUSTIN, CA
[71] NUWAVE INDUSTRIES INC., CA
[22] 2018-09-12
[41] 2019-03-20
[30] US (62/560,918) 2017-09-20

[21] **3,017,160**
[13] A1
[51] **Int.Cl. A61B 50/33 (2016.01) A61B 17/56 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **SIDE-SPECIFIC ORTHOPAEDIC SURGICAL INSTRUMENT SYSTEMS AND ASSOCIATED METHODS OF USE**
[54] **SYSTEMES D'INSTRUMENT ORTHOPEDIQUE SPECIFIQUE A UN COTE ET METHODES D'UTILISATION ASSOCIEES**
[72] STOLLER, DENNIS A., US
[72] WAINSCOTT, STEPHANIE M., US
[71] DEPUY IRELAND UNLIMITED COMPANY, IE
[22] 2018-09-12
[41] 2019-03-19
[30] US (15/709,100) 2017-09-19

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[13] A1
[51] **Int.Cl. B62D 25/18 (2006.01) B62D 25/16 (2006.01)**
[25] EN
[54] **MUD FLAP FOR ATTACHMENT TO A VEHICLE RUNNING BOARD**
[54] **GARDE-BOUE A FIXER A UN MARCHEPIED DE VEHICULE**
[72] MACNEIL, DAVID F., US
[72] MALINOWICZ, WALTER, US
[71] MACNEIL IP LLC, US
[22] 2018-09-12
[41] 2019-03-19
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[51] **Int.Cl. G01S 7/521 (2006.01) H01R 4/26 (2006.01)**
[25] EN
[54] **SONAR TRANSDUCER ASSEMBLY HAVING A PRINTED CIRCUIT BOARD WITH FLEXIBLE ELEMENT TABS**
[54] **MECANISME DE TRANSDUCTEUR A SONAR COMPORTANT UNE CARTE DE CIRCUITS IMPRIMES DOTEE DE PATTES D'ELEMENTS SOUPLES**
[72] PHILLIPS, ROGER, US
[72] ANTAO, BARRY M., US
[72] CASPALL, JAYME J., US
[71] NAVICO HOLDING AS, NO
[22] 2018-09-12
[41] 2019-03-18
[30] US (15/706979) 2017-09-18

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[13] A1
[51] **Int.Cl. F16M 1/04 (2006.01) F02C 7/20 (2006.01) F16S 5/00 (2006.01)**
[25] EN
[54] **A BASE PLATE FOR TURBOMACHINERY AND METHOD FOR PRODUCING SAME**
[54] **UNE PLAQUE DE BASE D'UNE TURBOMACHINERIE ET METHODE DE PRODUCTION ASSOCIEE**
[72] MENCHICCHI, MARCO, IT
[72] CONDELLO, PAOLO, IT
[72] CHECCACCI, EMANUELE, IT
[72] ZAFFINO, DOMENICO, IT
[71] NUOVO PIGNONE TECNOLOGIE - SRL, IT
[22] 2018-09-13
[41] 2019-03-20
[30] IT (102017000105273) 2017-09-20

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[51] **Int.Cl. F01D 5/02 (2006.01) F01D 5/08 (2006.01) F01D 5/18 (2006.01) F01D 5/22 (2006.01)**
[25] EN
[54] **OUTER DRUM ROTOR ASSEMBLY**
[54] **ASSEMBLAGE DE ROTOR DE TAMBOUR EXTERIEUR**
[72] MONDAL, BHASKAR NANDA, IN
[72] REDDY KOLLAM, RAMANA, IN
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-09-13
[41] 2019-03-22
[30] US (15/712,234) 2017-09-22

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[13] A1
[51] **Int.Cl. G06F 21/32 (2013.01)**
[25] EN
[54] **PERSONAL IDENTITY VERIFICATION SYSTEM AND METHOD FOR VERIFYING THE IDENTITY OF AN INDIVIDUAL**
[54] **SYSTEME DE VERIFICATION D'IDENTITE PERSONNELLE ET METHODE DE VERIFICATION DE L'IDENTITE D'UN INDIVIDU**
[72] BUCK, MARTIN, CH
[72] PLUSS, MARCEL, CH
[71] LEGIC IDENTSYSTEMS AG, CH
[22] 2018-09-12
[41] 2019-03-18
[30] CH (01150/17) 2017-09-18

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[13] A1
[51] **Int.Cl. B64C 27/48 (2006.01) B64C 27/51 (2006.01) B64C 27/54 (2006.01) F16F 7/00 (2006.01)**
[25] EN
[54] **ROTOR HUB WITH BLADE-TO-BLADE DAMPERS AND AXISYMMETRIC ELASTOMERIC SPHERICAL BEARINGS**
[54] **MOYEU DE ROTOR A AMORTISSEURS AUBE-AUBE ET ROULEMENTS A ROTULE ELASTOMERES A SYMETRIE AXIALE**
[72] MARSHALL, BRYAN, US
[72] WIINIKKA, MARK A., US
[72] SHERRILL, PAUL, US
[72] STAMPS, FRANK BRADLEY, US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2018-09-13
[41] 2019-03-22
[30] US (15/713,277) 2017-09-22

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[51] **Int.Cl. H01Q 9/28 (2006.01) H04B 7/24 (2006.01) H04W 16/30 (2009.01) G01S 13/10 (2006.01)**
[25] EN
[54] **COMMUNICATIONS ANTENNA AND ASSOCIATED METHODS**
[54] **ANTENNE DE COMMUNICATION ET METHODES ASOCIEES**
[72] PARSCHE, FRANCIS E., US
[72] GALLAGHER, SHAWN H., US
[72] ZIARNO, JAMES J., US
[71] HARRIS CORPORATION, US
[22] 2018-09-13
[41] 2019-03-20
[30] US (15/709,820) 2017-09-20

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[13] A1
[51] **Int.Cl. A61K 8/92 (2006.01) A61K 8/34 (2006.01) A61K 8/37 (2006.01) A61K 8/58 (2006.01) A61Q 17/00 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **IMPROVED GLOSS LIP BALM FORMULATION**
[54] **FORMULE DE BAUME A LEVRES AMELIOREE**
[72] KIM, PHIL, US
[72] NICHOLS, LISA, US
[72] PALLADINO, MARTA, US
[71] MAST INDUSTRIES (FAR EAST) LIMITED, CN
[22] 2018-09-13
[41] 2019-03-18
[30] US (15/707,053) 2017-09-18

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[13] A1
[51] **Int.Cl. H04W 16/30 (2009.01) H04W 12/08 (2009.01) H04W 48/08 (2009.01) H01Q 9/28 (2006.01)**
[25] EN
[54] **MANAGED ACCESS SYSTEM INCLUDING SURFACE WAVE ANTENNA AND RELATED METHODS**
[54] **SYSTEME D'ACCES GERE COMPRENANT UNE ANTENNE D'ONDE DE SURFACE ET METHODES ASSOCIEES**
[72] PARSCHE, FRANCIS E., US
[72] GALLAGHER, SHAWN H., US
[72] ZIARNO, JAMES J., US
[71] HARRIS CORPORATION, US
[22] 2018-09-13
[41] 2019-03-20
[30] US (15/709,838) 2017-09-20

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[13] A1
[51] **Int.Cl. E21B 19/22 (2006.01) E21B 19/24 (2006.01)**
[25] EN
[54] **TUBING GUIDE STABILIZATION**
[54] **STABILISATION DE GUIDE DE TRAIN DE TIGES**
[72] DORAN, MARCUS JOSEPH, US
[72] STEFFENHAGEN, TIMOTHY SCOTT, US
[72] RUIZ, ANTONIO, US
[72] AUBUCHON, KEVIN EDWIN, US
[71] NATIONAL OILWELL VARCO, L.P., US
[22] 2018-09-14
[41] 2019-03-19
[30] US (62/560,439) 2017-09-19

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) G16H 50/20 (2018.01) A61B 5/16 (2006.01)**
[25] EN
[54] **METHOD, DEVICE AND SYSTEM FOR ASSESSING A SUBJECT**
[54] **METHODES, DISPOSITIF ET SYSTEMES D'EVALUATION D'UN SUJET**
[72] HAMILTON, FORBES, GB
[71] APPA SCOTLAND LIMITED, GB
[22] 2018-09-17
[41] 2019-03-18
[30] GB (1715012.9) 2017-09-18

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[13] A1
[51] **Int.Cl. C12N 1/19 (2006.01) C07K 14/425 (2006.01) C07K 14/78 (2006.01) C12N 15/12 (2006.01) C12N 15/31 (2006.01) C12N 15/53 (2006.01) C12N 15/81 (2006.01) C12P 1/02 (2006.01) C12P 21/00 (2006.01) D06N 3/00 (2006.01)**
[25] EN
[54] **RECOMBINANT YEAST STRAINS**
[54] **SOUCHES DE LEVURE RECOMBINANTES**
[72] DAI, LIXING, US
[72] RUEBLING-JASS, KRISTEN, US
[72] WILLIAMSON, DAVID THOMAS, US
[71] MODERN MEADOW, INC., US
[22] 2018-09-14
[41] 2019-03-22
[30] US (62/562,109) 2017-09-22

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[21] **3,017,481**
[13] A1
[51] **Int.Cl. A61F 2/46 (2006.01) A61F 2/38 (2006.01)**
[25] EN
[54] **METHOD AND INSTRUMENTS FOR ASSEMBLING AN ORTHOPAEDIC PROSTHESIS**
[54] **METHODE ET INSTRUMENTS D'ASSEMBLAGE DE PROTHESE ORTHOPEDIQUE**
[72] WALLACE, MEGAN, US
[72] LIVORSI, CARL F., US
[72] ODEN, JEREMY, US
[72] MEADOWS, GREGORY S., US
[72] AMARAL, FRANCISCO A., US
[72] BROCK, MICHAEL J., US
[72] WEBB, ANTHONY J., US
[72] TSUKAYAMA, CRAIG S., US
[72] MOELLER, KAREN N., US
[72] DITTO, RICHARD C., US
[71] DEPUY IRELAND UNLIMITED COMPANY, IE
[22] 2018-09-14
[41] 2019-03-20
[30] US (15/710,348) 2017-09-20

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[13] A1
[51] **Int.Cl. A61B 17/90 (2006.01) A61B 34/20 (2016.01) A61B 5/06 (2006.01) A61B 17/92 (2006.01)**
[25] EN
[54] **NAIL HOLE GUIDING SYSTEM**
[54] **SYSTEME DE GUIDAGE DE TROU DE CLOU**
[72] BAR-TAL, MEIR, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-09-14
[41] 2019-03-19
[30] US (15/708,357) 2017-09-19

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[13] A1
[51] **Int.Cl. B65B 11/00 (2006.01) B65B 41/10 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR SECURING A PALLETIZED LOAD WITH STRETCH FILM**
[54] **METHODES ET APPAREILS DE FIXATION D'UNE CHARGE SUR PALETTE AU MOYEN D'UNE PELLICULE ETIRABLE**
[72] NICHOLSON, GRAHAM, CA
[71] PHOENIX WRAPPERS ULC, CA
[22] 2018-09-17
[41] 2019-03-18
[30] US (62/559,731) 2017-09-18

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[51] **Int.Cl. H02K 53/00 (2006.01) H02J 7/00 (2006.01) H02K 1/06 (2006.01) H02K 7/116 (2006.01) H02K 9/06 (2006.01) H02K 13/00 (2006.01)**
[25] EN
[54] **LOW-ENERGY-CONSUMPTION AND HIGH-EFFICIENCY CIRCULATING ELECTRIC MOTOR**
[54] **MOTEUR ELECTRIQUE DE CIRCULATION A FAIBLE CONSOMMATION ENERGETIQUE ET HAUTE EFFICACITE**
[72] WANG, MENG-THENG, TW
[71] WANG, MENG-THENG, TW
[22] 2018-09-17
[41] 2019-03-19
[30] TW (106213917) 2017-09-19

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[13] A1
[51] **Int.Cl. B25F 5/00 (2006.01) B25B 21/00 (2006.01) B25B 29/00 (2006.01)**
[25] EN
[54] **DRILL BIT CLIP**
[54] **PINCE DE TREPAN**
[72] BOLTRYK, LECH, US
[71] BOLTRYK, LECH, US
[22] 2018-09-17
[41] 2019-03-18
[30] US (62559717) 2017-09-18

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[51] **Int.Cl. A01K 97/00 (2006.01)**
[25] EN
[54] **BAIT SLEEVE**
[54] **MANCHON D'APPAT**
[72] GAMACHE, YVES, CA
[71] INOTEV INC., CA
[22] 2018-09-17
[41] 2019-03-18
[30] US (62/559,674) 2017-09-18

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[13] A1
[51] **Int.Cl. D03D 13/00 (2006.01) A47H 23/08 (2006.01) A47H 23/14 (2006.01)**
[25] EN
[54] **BLACKOUT MATERIAL**
[54] **MATERIEL DE COUPURE DE LUMIERE**
[72] SPENCER, TONY, US
[71] L&P PROPERTY MANAGEMENT COMPANY, US
[22] 2018-09-17
[41] 2019-03-21
[30] US (15/711,543) 2017-09-21

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[13] A1
[51] **Int.Cl. G06N 20/00 (2019.01) G06F 16/903 (2019.01) G06F 17/27 (2006.01)**
[25] EN
[54] **TECHNIQUES FOR CORRECTING LINGUISTIC TRAINING BIAS IN TRAINING DATA**
[54] **TECHNIQUES DE CORRECTION ORIENTEE PAR L'APPRENTISSAGE LINGUISTIQUE DANS LES DONNEES D'APPRENTISSAGE**
[72] AGARWAL, PUNEET, IN
[72] PATIDAR, MAYUR, IN
[72] VIG, LOVEKESH, IN
[72] SHROFF, GAUTAM, IN
[71] TATA CONSULTANCY SERVICES LIMITED, IN
[22] 2018-09-18
[41] 2019-03-18
[30] IN (201721033035) 2017-09-18

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[13] A1
[51] **Int.Cl. C12N 15/85 (2006.01) C12N 15/113 (2010.01) C12N 15/63 (2006.01) C12N 15/64 (2006.01) C12N 15/67 (2006.01)**
[25] EN
[54] **NON-INTEGRATING DNA VECTORS FOR THE GENETIC MODIFICATION OF CELLS**
[54] **VECTEURS D'ADN NON INTEGRANTS DESTINES A LA MODIFICATION GENETIQUE DES CELLULES**
[72] HARBOTTLE, RICHARD, DE
[72] BOZZA, MATTHIAS, DE
[72] WILLIAMS, JAMES A., US
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
[71] NATURE TECHNOLOGY CORPORATION, US
[22] 2018-09-18
[41] 2019-03-19
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[13] A1
[51] **Int.Cl. G07C 13/00 (2006.01)**
[25] EN
[54] **BALLOT ADJUDICATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'ADJUDICATION DE VOTE**
[72] DVORAK, MICHAEL, US
[71] ELECTION SYSTEMS & SOFTWARE, LLC, US
[22] 2018-09-18
[41] 2019-03-19
[30] US (15/709095) 2017-09-19

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[51] **Int.Cl. G01N 31/16 (2006.01)**
[25] EN
[54] **ADAPTIVE RANGE TITRATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DE TITRAGE DE PLAGE ADAPTATIF**
[72] RYTHER, ROBERT, US
[72] KRAUS, PAUL R., US
[71] ECOLAB USA INC., US
[22] 2018-09-18
[41] 2019-03-18
[30] US (62/559,890) 2017-09-18

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[13] A1
[51] **Int.Cl. H02K 15/03 (2006.01) H02K 1/27 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING ROTOR CORE**
[54] **METHODE DE FABRICATION D'UNE CARCASSE DE ROTOR**
[72] SAMESHIMA, KEI, JP
[72] ONO, SHOICHI, JP
[72] KATO, GO, JP
[71] MITSUI HIGH-TEC, INC., JP
[22] 2018-09-18
[41] 2019-03-19
[30] JP (2017-178705) 2017-09-19

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[13] A1
[51] **Int.Cl. A61B 46/20 (2016.01) A61B 46/27 (2016.01)**
[25] EN
[54] **SURGICAL DRAPE**
[54] **DRAP CHIRURGICAL**
[72] COHEN, DVIR, IL
[72] LEVINSON, YARON, IL
[71] MEMIC INNOVATIVE SURGERY LTD., IL
[22] 2018-09-17
[41] 2019-03-19
[30] US (62/560,268) 2017-09-19

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[13] A1
[51] **Int.Cl. A61F 2/46 (2006.01) A61F 2/38 (2006.01)**
[25] EN
[54] **METHOD AND INSTRUMENTS FOR ASSEMBLING A FEMORAL ORTHOPAEDIC PROSTHESIS**
[54] **METHODE ET INSTRUMENTS D'ASSEMBLAGE DE PROTHESE ORTHOPEDIQUE FEMORALE**
[72] WALLACE, MEGAN, US
[72] LIVORSI, CARL F., US
[72] ODEN, JEREMY, US
[72] AMARAL, FRANCISCO A., US
[72] BROCK, MICHAEL J., US
[72] WEBB, ANTHONY J., US
[72] TSUKAYAMA, CRAIG S., US
[72] MOELLER, KAREN N., US
[72] DITTO, RICHARD C., US
[72] MEADOWS, GREGORY S., US
[71] DEPUY IRELAND UNLIMITED COMPANY, IE
[22] 2018-09-18
[41] 2019-03-20
[30] US (15/710,373) 2017-09-20

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[13] A1
[51] **Int.Cl. E21B 43/38 (2006.01)**
[25] EN
[54] **DOWN-HOLE GAS SEPARATOR**
[54] **SEPARATEUR DE GAZ EN FOND DE TROU**
[72] MARSHALL, GARY V., US
[71] MARSHALL, GARY V., US
[22] 2018-09-18
[41] 2019-03-18
[30] US (62/559723) 2017-09-18
[30] US (62/614945) 2018-01-08
[30] US (62/614958) 2018-01-08

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[13] A1
[51] **Int.Cl. E21B 43/38 (2006.01) E21B 43/32 (2006.01)**
[25] EN
[54] **DOWN-HOLE GAS SEPARATION SYSTEM**
[54] **SYSTEME DE SEPARATION DE GAZ EN FOND DE TROU**
[72] MARSHALL, GARY V., US
[71] MARSHALL, GARY V., US
[22] 2018-09-18
[41] 2019-03-18
[30] US (62/559723) 2017-09-18
[30] US (62/614945) 2018-01-08
[30] US (62/614958) 2018-01-08

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[13] A1
[51] **Int.Cl. B25B 7/22 (2006.01) B25B 7/02 (2006.01)**
[25] EN
[54] **MULTIFUNCTIONAL PLIERS**
[54] **PINCES MULTIFONCTIONS**
[72] COOKE, GLENN, CA
[71] COOKE, GLENN, CA
[22] 2018-09-18
[41] 2019-03-21
[30] US (62/561,457) 2017-09-21

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[13] A1
[51] **Int.Cl. E06B 1/32 (2006.01) E06B 1/34 (2006.01)**
[25] EN
[54] **VINYL JAMB SYSTEM**
[54] **SYSTEME DE MONTANT EN VINYLE**
[72] CARERI, GIOVANNI, CA
[71] CARERI, GIOVANNI, CA
[22] 2018-09-18
[41] 2019-03-18
[30] US (15/706,945) 2017-09-18

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[13] A1
[51] **Int.Cl. C07K 16/00 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01) C07K 16/40 (2006.01) C07K 19/00 (2006.01) G01N 33/483 (2006.01) G01N 33/564 (2006.01)**
[25] EN
[54] **ANTIBODY-LIKE PEPTIDES FOR QUANTIFYING THERAPEUTIC ANTIBODIES**
[54] **PEPTIDES SEMBLABLES A DES ANTICORPS SERVANT A QUANTIFIER DES ANTICORPS THERAPEUTIQUES**
[72] LEBERT, DOROTHEE, FR
[72] PICARD, GUILLAUME, FR
[71] PROMISE ADVANCED PROTEOMICS, FR
[22] 2018-09-18
[41] 2019-03-19
[30] EP (17 306215.9) 2017-09-19

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[13] A1
[51] **Int.Cl. A61F 2/46 (2006.01) A61B 17/88 (2006.01) A61F 2/38 (2006.01)**
[25] EN
[54] **ORTHOPAEDIC SYSTEM AND METHOD FOR ASSEMBLING PROSTHETIC COMPONENTS**
[54] **SYSTEME ET METHODE ORTHOPEDIQUES D'ASSEMBLAGE D'ELEMENTS DE PROTHESE**
[72] WALLACE, MEGAN, US
[72] LIVORSI, CARL F., US
[72] ODEN, JEREMY, US
[72] MEADOWS, GREGORY S., US
[72] AMARAL, FRANCISCO A., US
[72] BROCK, MICHAEL J., US
[72] WEBB, ANTHONY J., US
[72] TSUKAYAMA, CRAIG S., US
[72] MOELLER, KAREN N., US
[72] DITTO, RICHARD C., US
[71] DEPUY IRELAND UNLIMITED COMPANY, IE
[22] 2018-09-18
[41] 2019-03-20
[30] US (15/710,311) 2017-09-20

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[13] A1
[51] **Int.Cl. E05B 47/00 (2006.01)**
[25] EN
[54] **LOW TEMPERATURE CONTROL OF LOCK ACTUATOR**
[54] **CONTROLE EN BASSE TEMPERATURE D'UN ACTIONNEUR DE VERROU**
[72] WALSH, JOHN, US
[71] SARGENT MANUFACTURING COMPANY, US
[22] 2018-09-18
[41] 2019-03-19
[30] US (62/560,327) 2017-09-19
[30] US (16/128,723) 2018-09-12

[21] **3,017,732**
[13] A1
[51] **Int.Cl. F16L 37/08 (2006.01) F16L 47/08 (2006.01) F16L 47/12 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR DEBRIS SHIELD FOR SQUEEZE-ACTIVATED RETAINER FOR A CONDUIT**
[54] **SYSTEME, METHODE ET APPAREIL DE PROTECTION CONTRE LES DEBRIS DESTINES A UN DISPOSITIF DE RETENUE ACTIONNE PAR PRESSION SUR UN CONDUIT**
[72] CLAPPER, JOSHUA E., US
[72] YASHIN, DMITRY, US
[72] DEAN, ROY L., US
[71] NORTH AMERICAN PIPE CORPORATION, US
[22] 2018-09-18
[41] 2019-03-18
[30] US (62560045) 2017-09-18

[21] **3,017,857**
[13] A1
[51] **Int.Cl. A63G 21/02 (2006.01) A63G 21/18 (2006.01)**
[25] EN
[54] **INTERACTIVE AMUSEMENT ATTRACTION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'ACTIVITE DE DIVERTISSEMENT INTERACTIF**
[72] BRIGGS, RICK, US
[72] MENDELSON, AARON, US
[72] SEBULSKY, RICK, CA
[72] RAFIQ, MOHAMMED SAHILL, CA
[72] ANDREWS, WILLIAM WALTER, CA
[72] CAMPDEN, KEITH JAMES, CA
[72] FITZGIBBON, MITCHELL KEITH, CA
[71] WHITEWATER WEST INDUSTRIES LTD., CA
[22] 2018-09-18
[41] 2019-03-18
[30] US (15/707,974) 2017-09-18

[21] **3,017,862**
[13] A1
[51] **Int.Cl. B60R 3/02 (2006.01) B62D 25/22 (2006.01)**
[25] EN
[54] **COMPACT POWER RUNNING BOARD**
[54] **MARCHEPIED ELECTRIQUE COMPACT**
[72] LONG, ALBERT YUGUANG, CA
[72] JOHNSON, JEFFREY R., US
[72] WATSON, BRADLEY E., CA
[71] MAGNA INTERNATIONAL INC., CA
[22] 2018-09-18
[41] 2019-03-18
[30] US (15/707,576) 2017-09-18

[21] **3,017,863**
[13] A1
[51] **Int.Cl. A47H 5/00 (2006.01) G06Q 30/02 (2012.01) G06F 8/65 (2018.01) E06B 9/42 (2006.01) E06B 9/68 (2006.01) G09F 19/22 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO CONTROL ARCHITECTURAL COVERINGS**
[54] **METHODE ET APPAREIL DE CONTROLE DE REVETEMENTS ARCHITECTURAUX**
[72] BAUGH, JAMES, US
[72] PERRY, MARK, US
[72] MEEWIS, HENK, US
[72] HOOGSTRATE, DAVID, US
[71] HUNTER DOUGLAS INC., US
[22] 2018-09-19
[41] 2019-03-19
[30] US (62/560,653) 2017-09-19

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[13] A1
[51] **Int.Cl. E04B 1/80 (2006.01) E04B 1/74 (2006.01) E04B 1/76 (2006.01) E04C 2/296 (2006.01)**
[25] EN
[54] **STRUCTURAL INSULATED PANEL FRAMING SYSTEM WITH A RADIANT BARRIER**
[54] **SYSTEME DE CADRAGE DE PANNEAU ISOLE STRUCTURAL COMPORTANT UNE BARRIERE RAYONNANTE**
[72] CARLSON, CARL ARTHUR, US
[71] CARLSON, CARL ARTHUR, US
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[41] 2019-03-20
[30] US (15/710,497) 2017-09-20
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[54] **SUSPENSION PEDESTAL**
[54] **SOCLE DE SUSPENSION**
[72] CHARBONEAU, DAN BENNETT, CA
[72] PEEREBOOM, DARYL PETER, CA
[72] FOSTER, MARK LEIGHTON, CA
[72] TAYLOR, PAUL WESLEY, CA
[71] COAST DYNAMICS GROUP LTD., CA
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[25] EN
[54] **LOW LATENCY ADAPTIVE BITRATE LINEAR VIDEO DELIVERY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION VIDEO LINEAIRE A DEBIT BINAIRE ADAPTATIF A FAIBLE LATENCE**
[72] KIPP, NEILL, US
[72] ZACHMAN, CORY, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2018-09-18
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[51] **Int.Cl. G06Q 40/02 (2012.01) H04W 4/35 (2018.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INTEGRATED APPLICATION AND PROVISIONING**
[54] **SYSTEME ET METHODE D'APPLICATION ET D'APPROVISIONNEMENT INTEGRES**
[72] BLOY, ADRIAN, CA
[72] CHEUNG, DANIEL LAM TIN, CA
[72] MALEKI, ASGAR, CA
[72] YUEN, KEVIN, CA
[72] MULLENAX, DANIELLE MARIE, CA
[71] THE TORONTO-DOMINION BANK, CA
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[41] 2019-03-19
[30] US (15/708,887) 2017-09-19
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[25] EN
[54] **MANUFACTURING METHOD AND MANUFACTURING APPARATUS FOR PRESSURE TANK**
[54] **METHODE DE FABRICATION ET APPAREIL DE FABRICATION D'UN RESERVOIR A PRESSION**
[72] HATTA, KEN, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-09-19
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[30] JP (2017-180768) 2017-09-21

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[25] EN
[54] **STERILE CONNECTOR**
[54] **CONNECTEUR STERILE**
[72] SCHIMMELPFENNIG, WINFRIED, DE
[72] MILTENYI, STEFAN, DE
[71] MILTENYI BIOTEC GMBH, DE
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[25] EN
[54] **COAGULANT BLEND IN SAGD WATER TREATMENT**
[54] **MELANGE COAGULANT POUR LE TRAITEMENT D'EAU PAR DRAINAGE PAR GRAVITE AU MOYEN DE VAPEUR**
[72] OSNESS, LEE D., US
[72] LUCAS, KEVIN, US
[72] SAMESHIMA, PAUL, US
[72] GRUNDLER, JASON C., US
[71] CONOCOPHILLIPS COMPANY, US
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[51] **Int.Cl. G06Q 40/02 (2012.01)**
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[54] **SYSTEM AND METHOD FOR INTEGRATED APPLICATION AND PROVISIONING**
[54] **SYSTEME ET METHODE D'APPLICATION ET D'APPROVISIONNEMENT INTEGRES**
[72] BLOY, ADRIAN, CA
[72] CHEUNG, DANIEL LAM TIN, CA
[72] MALEKI, ASGAR, CA
[72] YUEN, KEVIN, CA
[72] MULLENAX, DANIELLE MARIE, CA
[71] THE TORONTO DOMINION BANK, CA
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[25] FR
[54] **ROTARY JOINT FOR A ROTARY ANTENNA AND ROTARY ANTENNA COMPRISING SUCH A JOINT**
[54] **JOINT TOURNANT POUR UNE ANTENNE ROTATIVE ET ANTENNE ROTATIVE COMPORTANT UN TEL JOINT**
[72] FERRANDO, NICOLAS, FR
[72] BROSSIER, JEROME, FR
[72] BOSSHARD, PIERRE, FR
[72] CAILLOCE, YANN, FR
[72] LORENZO, JEROME, FR
[71] THALES, FR
[22] 2018-09-19
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[51] **Int.Cl. H01Q 3/08 (2006.01) H01Q 1/12 (2006.01)**
[25] FR
[54] **BIAXIAL ANTENNA COMPRISING A FIRST FIXED PART, A SECOND ROTARY PART AND A ROTARY JOINT**
[54] **ANTENNE BIAXE COMPORTANT UNE PREMIERE PARTIE FIXE, UNE DEUXIEME PARTIE ROTATIVE ET UN JOINT TOURNANT**
[72] FERRANDO, NICOLAS, FR
[72] BROSSIER, JEROME, FR
[72] CAILLOCE, YANN, FR
[72] LORENZO, JEROME, FR
[71] THALES, FR
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[25] FR
[54] **NOISE ABSORPTION DEVICE FOR RAIL VEHICLE WHEEL AND ASSOCIATED RAIL VEHICLE WHEEL**
[54] **DISPOSITIF ABSORBEUR DE BRUIT POUR ROUE DE VEHICULE FERROVIAIRE ET ROUE DE VEHICULE FERROVIAIRE ASSOCIEE**
[72] GUERDER, JEAN-YVES, FR
[72] TANNEAU, OLIVIER, FR
[72] FAYS, BENJAMIN, FR
[72] GAUTHERET, PIERRE-EMMANUEL, FR
[72] LONGUEVILLE, YVES, FR
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[71] HUTCHINSON, FR
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[25] FR
[54] **DYNAMIC SEAL DEVICE**
[54] **DISPOSITIF D'ETANCHEITE DYNAMIQUE**
[72] MATTONI, GAETAN, FR
[72] BERENGER, BRICE, FR
[71] EURO TECHNIQUES INDUSTRIES, FR
[22] 2018-09-19
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[25] FR
[54] **DYNAMIC SEAL DEVICE**
[54] **DISPOSITIF D'ETANCHEITE DYNAMIQUE**
[72] MATTONI, GAETAN, FR
[72] BERENGER, BRICE, FR
[71] EURO TECHNIQUES INDUSTRIES, FR
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[25] EN
[54] **BLOWER WITH MOTION DETECTOR**
[54] **VENTILATEUR EQUIPE D'UN DETECTEUR DE MOUVEMENT**
[72] LEE, HEI MAN RAYMOND, CN
[72] LI, YONG MIN, CN
[72] ZHUANG, MING JUN, CN
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
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[54] **A MODULAR, MOVABLE, VERSATILE, VERTICALE GREENHOUSE**
[54] **UNE SERRE VERTICALE, POLYVALENTE, MOBILE ET MODULAIRE**
[72] LOPEZ, JUAN RAMON, CA
[71] LOPEZ, JUAN RAMON, CA
[22] 2018-09-20
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[51] **Int.Cl. E05F 7/06 (2006.01)**
[25] EN
[54] **WINDOW BALANCE SHOES FOR A PIVOTABLE WINDOW**
[54] **PATIN DE CONTREPOIDS DE FENETRE DESTINE A UNE FENETRE PIVOTANTE**
[72] KELLUM, WILBUR J., US
[71] AMESBURY GROUP, INC., US
[22] 2018-09-21
[41] 2019-03-21
[30] US (62/561,580) 2017-09-21

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[51] **Int.Cl. E21B 47/09 (2012.01) E21B 33/16 (2006.01)**
[25] EN
[54] **PLUG DETECTION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE DETECTION DE BOUCHON**
[72] DEWALD, BRIAN DALE, CA
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
[22] 2018-09-20
[41] 2019-03-22
[30] US (15/713127) 2017-09-22

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[54] **EXTRUDABLE COMPOSITION AND PRODUCT HAVING ABRASIVE SURFACE**
[54] **COMPOSITION EXTRUDABLE ET PRODUIT COMPORTANT UNE SURFACE ABRASIVE**
[72] SOLECKI, MARK L., US
[72] GORDON, ANTHONY J., US
[72] DINDARI, ELMIRA, US
[71] OAK ENTERPRISES, LLC, US
[22] 2018-09-20
[41] 2019-03-20
[30] US (62/560,995) 2017-09-20
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[51] **Int.Cl. B42D 25/373 (2014.01) G07D 7/06 (2006.01)**
[25] EN
[54] **COUNTERFEIT PREVENTION STRUCTURE AND COUNTERFEIT PREVENTION MEDIUM**
[54] **STRUCTURE DE PREVENTION DE CONTREFACON ET SUPPORT DE PREVENTION DE CONTREFACON**
[72] MUTA, KEITARO, JP
[72] GOCHO, SATOSHI, JP
[71] GLORY LTD., JP
[71] TOPPAN PRINTING CO., LTD., JP
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[41] 2019-03-22
[30] JP (2017-181935) 2017-09-22

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[51] **Int.Cl. H02G 3/06 (2006.01) H02G 3/04 (2006.01)**
[25] EN
[54] **SPLICE PLATE WITH SPACING INDICIA FOR CABLE TRAY SECTION SPACING**
[54] **PLAQUE D'EPISSURE DOTEE D'UN INDICE D'ESPACEMENT DESTINEE A L'ESPACEMENT D'UNE SECTION DE PLATEAU DE CABLES**
[72] COMBES, MATTHEW T., US
[72] GRAHEK, NICHOLAS R., US
[72] SCHICKLING, ALEXANDER W., US
[72] REESE, ROBERT J., US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[41] 2019-03-21
[30] US (15/711476) 2017-09-21

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[51] **Int.Cl. A61C 19/00 (2006.01) A61B 6/14 (2006.01) A61C 19/04 (2006.01)**
[25] EN
[54] **REMOTE DENTAL CONSULTATION METHOD AND SYSTEM**
[54] **METHODE ET SYSTEME DE CONSULTATION DENTAIRE A DISTANCE**
[72] ELLOWAY, RANDAL STUART, US
[72] ELLOWAY, NOURA MANOUK, US
[71] ELLOWAY, RANDAL STUART, US
[71] ELLOWAY, NOURA MANOUK, US
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[51] **Int.Cl. B25F 1/00 (2006.01) B25D 1/00 (2006.01) B25D 7/00 (2006.01) B25D 17/04 (2006.01)**
[25] EN
[54] **A MULTI TOOL**
[54] **UN OUTIL POLYVALENT**
[72] KEAST, BRENTON, AU
[72] RAWLISON, MATTHEW, AU
[72] HARKNESS, STEVEN, AU
[71] INTERCAST & FORGE PTY LIMITED, AU
[22] 2018-09-20
[41] 2019-03-21
[30] AU (2017903834) 2017-09-21

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[51] **Int.Cl. A61M 5/31 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **MEDICAL AND DENTAL SAFETY SYRINGE**
[54] **SERINGUE DE SURETE MEDICALE ET DENTAIRE**
[72] ASHRAF, KHURRUM MASOOD, CA
[72] ZAGRODNEY, BRUCE, CA
[71] ASHRAF, KHURRUM MASOOD, CA
[71] ZAGRODNEY, BRUCE, CA
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[41] 2019-03-20
[30] US (62/560946) 2017-09-20

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[51] **Int.Cl. E03D 11/16 (2006.01) E03D 11/13 (2006.01)**
[25] EN
[54] **MODULAR WAXLESS SEAL AND ASSEMBLY**
[54] **JOINT SANS CIRE MODULAIRE ET ENSEMBLE**
[72] GUTHRIE, KEVIN J., US
[71] LAVELLE INDUSTRIES, INC., US
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[51] **Int.Cl. E21B 43/08 (2006.01) E21B 21/00 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **IN-LINE MUD SCREEN MANIFOLD USEFUL IN DOWNHOLE APPLICATIONS**
[54] **COLLECTEUR FILTREUR DE BOUE EN LIGNE UTILE POUR LES APPLICATIONS DE FOND DE TROU**
[72] THOMAS, GRANT E., US
[72] THOMAS, WILLIAM J. III, US
[72] THOMAS, P. E. WILLIAM C., US
[71] RESOURCE RENTAL TOOLS, LLC, US
[22] 2018-09-19
[41] 2019-03-19
[30] US (62/560,652) 2017-09-19

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[51] **Int.Cl. F16L 15/00 (2006.01) E21B 17/042 (2006.01)**
[25] EN
[54] **TUBULAR COUPLING**
[54] **RACCORD DE TUBULAIRE**
[72] WILLIAMSON, PATRICK, US
[72] GAY, MICHAEL G., US
[71] CERTUS ENERGY SOLUTIONS, LLC, US
[22] 2018-09-21
[41] 2019-03-22
[30] US (62/562,071) 2017-09-22

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[51] **Int.Cl. F21V 21/26 (2006.01) F16C 11/04 (2006.01) F16C 11/10 (2006.01) F21L 14/00 (2006.01) F21V 21/06 (2006.01)**
[25] EN
[54] **FOLDABLE PORTABLE LAMP**
[54] **LAMPE PORTATIVE PLIANTE**
[72] THOMAS, JACOB M., US
[71] THOMAS, JACOB M., US
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[41] 2019-03-22
[30] US (62/561,742) 2017-09-22
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[51] **Int.Cl. G01R 31/327 (2006.01) H02P 3/00 (2006.01) H03K 17/56 (2006.01) H02K 41/02 (2006.01)**
[25] EN
[54] **SAFE SWITCHING DEVICE**
[54] **DISPOSITIF DE COMMUTATION SECURISE**
[72] KLAPPAUF, CHRISTOF, DE
[72] SCHNEIDER, CHRISTIAN, AT
[72] NORBERT, WINKLER, AT
[71] B&R INDUSTRIAL AUTOMATION GMBH, AT
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[41] 2019-03-22
[30] EP (17192613.2) 2017-09-22

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[13] A1
[51] **Int.Cl. E06B 3/968 (2006.01) E04B 1/66 (2006.01) E06B 1/62 (2006.01)**
[25] EN
[54] **STOP BEAD FOR PANEL-BASED SIDING, AND RELATED METHODS AND SYSTEMS**
[54] **MOULURE D'ARRET DESTINEE A UN PAREMENT A PANNEAU, ET METHODES ET SYSTEMES ASSOCIES**
[72] MAZIARZ, JEFFREY, US
[71] E-Z BEAD, LLC, US
[22] 2018-09-21
[41] 2019-03-22
[30] US (62/627,067) 2018-02-06
[30] US (62/630,600) 2018-02-14
[30] US (62/562,282) 2017-09-22
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[13] A1
[51] **Int.Cl. E21B 33/14 (2006.01) E21B 33/13 (2006.01) E21B 47/10 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INTELLIGENT FLOW CONTROL SYSTEM FOR PRODUCTION CEMENTING RETURNS**
[54] **SYSTEME ET METHODE DE SYSTEME DE CONTROLE D'ECOULEMENT INTELLIGENT DESTINES A LA PRODUCTION DE RENVOIS DE CIMENTATION**
[72] GREEN, MATTHEW BRADY, US
[71] SEABOARD INTERNATIONAL, INC., US
[22] 2018-09-21
[41] 2019-03-22
[30] US (62/561908) 2017-09-22

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[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01)**
[25] EN
[54] **METHOD FOR REDUCING UNPHYSICAL SOLUTIONS IN CHEMICAL ENHANCED OIL RECOVERY SIMULATIONS**
[54] **SYSTEME ET METHODE DE SYSTEME DE CONTROLE D'ECOULEMENT INTELLIGENT DESTINES A LA PRODUCTION DE RENVOIS DE CIMENTATION**
[72] SHI, XUNDAN, US
[72] HAN, CHOONGYONG, US
[72] CHANG, YIH-BOR, US
[72] WOLFSTEINER, CHRISTIAN, US
[72] GUYAGULER, BARIS, US
[71] CHEVRON U.S.A. INC., US
[22] 2018-09-21
[41] 2019-03-22
[30] US (62/561929) 2017-09-22

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[13] A1
[51] **Int.Cl. E01H 5/06 (2006.01) E01H 5/09 (2006.01)**
[25] EN
[54] **AUXILIARY EQUIPMENT MOUNT FOR SNOWBLOWER**
[54] **INSTALLATION D'EQUIPEMENT AUXILIAIRE DESTINEE SOUFFLEUSE A NEIGE**
[72] ROBERGE, JULES, CA
[71] ATELIER D'USINAGE JULES ROBERGE INC., CA
[22] 2018-09-21
[41] 2019-03-22
[30] US (62/561,733) 2017-09-22

[21] **3,018,331**
[13] A1
[51] **Int.Cl. B27B 5/10 (2006.01) B27B 1/00 (2006.01)**
[25] EN
[54] **SELF-POWERED TIMBER SLASHER**
[54] **SERPE A LONG MANCHE AUTOPROPULSEE**
[72] STECIAK, JOHN, JR., US
[71] SPRUCE CREEK MECHANICAL L.L.C., US
[22] 2018-09-21
[41] 2019-03-22
[30] CA (2979879) 2017-09-22
[30] US (16120047) 2018-08-31

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[51] **Int.Cl. F02M 21/02 (2006.01) B01D 35/02 (2006.01)**
[25] EN
[54] **FUEL MODULE SYSTEM**
[54] **SYSTEME DE MODULE DE CARBURANT**
[72] RIKE, JAMES B., US
[71] WORTHINGTON INDUSTRIES, INC., US
[22] 2018-09-21
[41] 2019-03-21
[30] US (62/561,548) 2017-09-21
[30] US (16/136,646) 2018-09-20

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[51] **Int.Cl. E05B 65/48 (2006.01) F16B 41/00 (2006.01) F16K 3/312 (2006.01) F16L 55/00 (2006.01) F16L 55/10 (2006.01) F16P 1/00 (2006.01) F17D 5/00 (2006.01) F16K 35/06 (2006.01)**
[25] EN
[54] **A LOCKOUT DEVICE AND A METHOD FOR ITS USE**
[54] **UN DISPOSITIF DE VERROUILLAGE ET SA METHODE D'UTILISATION**
[72] JOHNSON, DAVID, US
[71] JOHNSON, DAVID, US
[22] 2018-09-24
[41] 2019-03-23
[30] US (62/562425) 2017-09-23

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[13] A1
[51] **Int.Cl. F25B 9/00 (2006.01) F25B 6/02 (2006.01)**
[25] EN
[54] **TRANSCRITICAL R-744 REFRIGERATION SYSTEM FOR SUPERMARKETS WITH IMPROVED EFFICIENCY AND RELIABILITY**
[54] **SYSTEME DE REFRIGERATION R-744 TRANSCRITIQUE DESTINE AUX SUPERMARCHES OFFRANT UNE EFFICACITE ET UNE FIABILITE AMELIOREES**
[72] LESAGE, GAETAN, CA
[72] KANTCHEV, JORDON, CA
[71] SYSTEMES LMP INC., CA
[22] 2018-12-19
[41] 2019-03-19
[30] US (16/215,774) 2018-12-11

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[51] **Int.Cl. B23C 5/28 (2006.01) B23Q 11/10 (2006.01)**
[25] EN
[54] **CUTTING TOOL**
[54] **OUTIL DE COUPE**
[72] AMAYA, KOUICHI, JP
[72] TANAKA, RYUZO, JP
[72] KANO, YOSHIAKI, JP
[72] TAKEZAWA, YASUNORI, JP
[72] IGARASHI, TETSUYA, JP
[71] MATSUURA MACHINERY CORPORATION, JP
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[54] **OUTIL DE COUPE**
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[72] TANAKA, RYUZO, JP
[72] KANO, YOSHIAKI, JP
[72] TAKEZAWA, YASUNORI, JP
[72] IGARASHI, TETSUYA, JP
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[54] **PARTIE CENTRALE DE RACCORDEMENT POUR JOINT POUTRE-COLONNE ET PROCEDE DE RACCORDEMENT UTILISANT CELLE-CI**
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[72] PARK, KOO YUN, KR
[72] KIM, HYUN SOOK, KR
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[71] WORLD WIDE DAILY HOLDINGS COMPANY LIMITED, CN
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[54] **PREDICTIVE, INTEGRATED AND INTELLIGENT SYSTEM FOR CONTROL OF TIMES IN TRAFFIC LIGHTS**
[54] **SYSTEME PREDICTEUR, INTEGRE ET INTELLIGENT DE CONTROLE DE LA DUREE DES FEUX DE CIRCULATION**
[72] GONCALVES, SERGIO MACHADO, BR
[72] JAYME, CARLOS ALBERTO, BR
[71] VELSIS SISTEMAS E TECNOLOGIA VIARIA S/A, BR
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[54] **PROCEDE DE COMMANDE DE DEPLACEMENT ET DISPOSITIF DE COMMANDE DE DEPLACEMENT**
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[72] KOBAYASHI, MASAHIRO, JP
[72] TAIRA, YASUHISA, JP
[72] FUKATA, OSAMU, JP
[71] NISSAN MOTOR CO., LTD., JP
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[72] YI, SEUNG-BEOM, US
[72] VAD, SIDDHARTH, US
[72] OBA, TRAVIS ZENYO, US
[72] FRESCHAUF, LAUREN R., US
[72] FRENCH, AMANDA, US
[72] KEIDAR, YARON, IL
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[71] DESIGNER TIES, LLC, US
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[54] **PEPTIDES ET LEURS UTILISATIONS DANS LE DIAGNOSTIC ET LE TRAITEMENT DE LA MYASTHENIE GRAVIS**
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[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **SYSTEME ET PROCEDE DE COMMANDE DE TRANSDUCTEURS D'IMAGERIE ULTRASONORE**
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[54] **INSTRUMENT DE DEPLACEMENT ET DE POSITIONNEMENT D'ELEMENTS OPTIQUES A RESOLUTION ET STABILITE MECANIQUE NANOMETRIQUES DANS DES LIGNES DE LUMIERE**
[72] RAMALHO GERALDES, RENAN, BR
[72] MALAGODI CALIARI, RICARDO, BR
[72] SAVERI SILVA, MARLON, BR
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[72] KRISH, JARED D., CA
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[54] **BOUCHON URETRAL ET SYSTEME DE TRAITEMENT DE L'INCONTINENCE URINAIRE**
[72] KUNZ, KENNETH, CA
[72] ORR, ROBERT, MITCHELL, CA
[72] HALSTED, NIGEL, CA
[72] JANZEN, ERNIE, CA
[72] BELLAIRE, THOM, CA
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[54] **DISPOSITIF D'INSERTION POUR BOUCHON URETRAL**
[72] JANZEN, ERNIE, CA
[72] HALSTED, NIGEL, CA
[72] BELLAIRE, THOM, CA
[72] RANGER, NICOLE, CA
[72] ORR, ROBERT MITCHELL, CA
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[54] **SYSTEME ET PROCEDE POUR L'OBTENTION DE PARAMETRES DE PRISE DE VUE**
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[72] PHILIPPS, BERND, DE
[71] DURR DENTAL SE, DE
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[72] ESGUEVA GUTIERREZ, FRANCISCO, ES
[72] PELAYO MELENDEZ, RAMIRO, ES
[71] ONEWORLD PACKAGING SL, ES
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[54] **REACTEUR CHIMIQUE CATALYTIQUE A ECOULEMENT AXIAL-RADIAL AVEC DEUX COUCHES DE CATALYSEUR**
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[71] CASALE SA, CH
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[25] FR
[54] **METHOD FOR SORTING SILICON WAFERS ACCORDING TO THEIR BULK LIFETIME**
[54] **PROCEDE DE TRI DE PLAQUETTES EN SILICIUM EN FONCTION DE LEUR DUREE DE VIE VOLUMIQUE**
[72] LETTY, ELENORE, FR
[72] FAVRE, WILFRIED, FR
[72] VEIRMAN, JORDI, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[54] **PROCEDE POUR TRAITER DES DONNEES ET DONNER ACCES AUX DONNEES TRAITEES SUR DES DISPOSITIFS MATERIELS D'UTILISATEURS ET UNE CONNEXION DE SYSTEME**
[72] JANCOSEK, MICHAL, SK
[72] BUJNAK, MARTIN, SK
[72] BUJNAK, TOMAS (DECEASED), SK
[71] JANCOSEK, MICHAL, SK
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[54] **NOUVEAUX COMPOSES ET LEURS UTILISATIONS THERAPEUTIQUES**
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[72] WATSON, CHRISTINE, GB
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[71] CENTAURI THERAPEUTICS LIMITED, GB
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[54] **SYSTEME DE RESISTANCE A ECOULEMENT VARIABLE DESTINE A ETRE UTILISE AVEC UN PUITS SOUTERRAIN**
[72] FROSELL, THOMAS JULES, US
[72] FRIPP, MICHAEL LINLEY, US
[72] KABIR, ZAHED, US
[72] MURPHREE, ZACHARY RYAN, US
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[54] **SYSTEMES DE COMMUNICATION DE DONNEES BIOMECATRONIQUES**
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[54] **A LOW ENERGY PROCESS TO PRODUCE A HYDROPHOBIC OIL FROM BIOMASS PYROLYSIS LIQUIDS**
[54] **PROCEDE BASSE ENERGIE POUR PRODUIRE UNE HUILE HYDROPHOBE A PARTIR DE LIQUIDES DE PYROLYSE DE BIOMASSE**
[72] GAJJELA, SANJEEV, GB
[72] OVEREND, RALPH PHILLIPS, CA
[72] CATALAN, JAVIER GONZALEZ, ES
[72] WU, ZHIHENG, GB
[72] LAPUENTE, PATRICIA, ES
[72] CATALAN, JOSE ANTONIO MEDRANO, GB
[71] FUTURE BLENDS LIMITED, GB
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[72] ZHANG, YAN, US
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[54] **DOOR CONTROLLER WITH INTEGRATED DATA COLLECTION AND TRANSMISSION DEVICE AND TRANSMISSION PROCESSING METHOD THEREOF**
[54] **DISPOSITIF DE COMMANDE DE PORTIERE A DISPOSITIF DE COLLECTE ET DE TRANSMISSION DE DONNEES INTEGRE ET PROCEDE DE TRAITEMENT DE TRANSMISSION CORRESPONDANT**
[72] XU, ZHIXING, CN
[72] HOU, XIAOPENG, CN
[72] WANG, AIQING, CN
[72] SHI, XIANG, CN
[71] NANJING KANGNI MECHANICAL & ELECTRICAL CO., LTD., CN
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[54] **DOSAGE POUR DISTINGUER UN SEPSIS D'UN SYNDROME DE REPONSE INFLAMMATOIRE SYSTEMIQUE**
[72] HALL, JUDITH, GB
[72] SZAKMANY, TAMAS, GB
[72] SHAH, SANJOY, GB
[72] KEMPSELL, KAREN, GB
[72] BALL, GRAHAM, GB
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[54] **CANNE DE MARCHE A FILTRATION D'EAU INTEGREE**
[72] STRINGHAM, KYLE COBB, US
[71] STRINGHAM, KYLE COBB, US
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[54] **BOUTEILLE D'ARROSAGE DE PLANTE**
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[71] YUNCHENG QINGHAI SCIENCE & TECHNOLOGY CO., LTD, CN
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[54] **METHOD AND DEVICE FOR WRITING STORED DATA INTO STORAGE MEDIUM BASED ON FLASH MEMORY**
[54] **PROCEDE ET DISPOSITIF D'ECRITURE DE DONNEES STOCKEES DANS UN SUPPORT D'INFORMATIONS SUR LA BASE D'UNE MEMOIRE FLASH**
[72] ZHANG, HAIPENG, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
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[54] **REFORMER TUBE HAVING A STRUCTURED CATALYST AND IMPROVED HEAT BALANCE**
[54] **TUBE DE REFORMAGE AYANT UN CATALYSEUR STRUCTURE ET UN EQUILIBRE THERMIQUE AMELIORE**
[72] ULBER, DIETER, DE
[72] GARY, DANIEL, FR
[72] PROST, LAURENT, FR
[72] TADIELLO, JEAN-PHILIPPE, DE
[72] BASIN, MARIE, FR
[71] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[54] **A PACK OF TISSUE PAPER ROLLS WRAPPED IN A PLASTIC FILM**
[54] **PAQUET DE ROULEAUX DE PAPIER TOILETTE ENVELOPPES DANS UN FILM PLASTIQUE**
[72] STEFANI, EMI, IT
[71] SOFIDEL S.P.A., IT
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[54] **POMPE DE BARRE HYDRAULIQUE DOTEE D'UNE POMPE ELECTRIQUE INTEGREE**
[72] SHANNON, DAVID THOMAS, CA
[71] CANADA METAL (PACIFIC) LTD., CA
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[54] **SYSTEM AND METHOD FOR SWITCHING HIGH VOLTAGES**
[54] **ENSEMBLE ET PROCEDE DE COMMUTATION DE HAUTES TENSIONS**
[72] CHYLA, THOMAS, DE
[72] DUWE, OLIVER, DE
[72] GIERE, STEFAN, DE
[72] LEHMANN, VOLKER, DE
[72] TEICHMANN, JORG, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **USE OF COMPOSITIONS HAVING A CONTENT OF CONDENSATION PRODUCT OF 1-AMINOPROPAN-2-OL AND FORMALDEHYDE IN THE REMOVAL OF SULPHUR COMPOUNDS FROM PROCESS STREAMS**
[54] **UTILISATION DE COMPOSITIONS PRESENTANT UNE TENEUR EN PRODUIT DE CONDENSATION DU 1-AMINOPROPAN-2-OL ET DU FORMALDEHYDE DANS L'ELIMINATION DE COMPOSES SOUFRES HORS D'UN LIQUIDE A TRAITER**
[72] BEILFUSS, WOLFGANG, DE
[72] GRADTKE, RALF, DE
[72] KNOPF, JENNIFER, DE
[72] WEBER, KLAUS, DE
[71] SCHULKE & MAYR GMBH, DK
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[25] EN
[54] **THROMBOSPONDIN 1-BINDING PEPTIDE**
[54] **PEPTIDE DE LIAISON A LA THROMBOSPONDINE 1**
[72] YAMAGUCHI, TAKAHIRO, JP
[72] MORI, YUTAKA, JP
[72] SAITO, HIRONAO, JP
[72] KUBOTA, HIDEKI, JP
[72] FURUKAWA, AKIHIRO, JP
[72] OTSUKA, ERI, JP
[72] ISHIGAI, YUTAKA, JP
[72] IJIRI, HIROSHI, JP
[72] REID, PATRICK, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
[71] PEPTIDREAM INC., JP
[85] 2019-03-08
[86] 2017-09-13 (PCT/JP2017/032984)
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[25] EN
[54] **PROCESS FOR PLASMINOGEN PURIFICATION STARTING FROM HUMAN PLASMA**
[54] **PROCEDE DE PURIFICATION DE PLASMINOGENE A PARTIR DE PLASMA HUMAIN**
[72] ASCIONE, ESTER, IT
[72] FARINA, CLAUDIO, IT
[72] LAZZAROTTI, ALESSANDRA, IT
[72] MADDALUNO, MARCELLA, IT
[72] NARDINI, CLAUDIA, IT
[71] KEDRION S.P.A., IT
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[25] EN
[54] **ELECTRICAL IMPEDANCE IMAGING**
[54] **IMAGERIE PAR IMPEDANCE ELECTRIQUE**
[72] SAMANI, ABBAS, CA
[72] HESABGAR, SEYYED, CA
[72] HOLDSWORTH, DAVID W., CA
[72] MENON, RAVI, CA
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA
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[25] EN
[54] **ANTIVIRAL COMPOUNDS**
[54] **COMPOSES ANTIVIRAUX**
[72] FISCHL, WOLFGANG, AT
[72] WHITTAKER, MARK, GB
[72] YARNOLD, CHRISTOPHER JOHN, GB
[72] PONS, JEAN-FRANCOIS, GB
[72] KERRY, MARK ANTHONY, GB
[72] AMOUZEGH, PATRICIA LEONIE, GB
[72] MORAO, INAKI, GB
[72] INGRAM, PETER NEVILLE, GB
[72] CHUDYK, EWA IWONA, GB
[71] HAPLOGEN GMBH, AT
[85] 2019-03-11
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[51] **Int.Cl. G06Q 50/06 (2012.01) G06Q 30/02 (2012.01) H02J 13/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ESTABLISHING IN REAL-TIME AN ENERGY CLEARING PRICE FOR MICROGRIDS HAVING DISTRIBUTED ENERGY RESOURCES**
[54] **PROCEDE ET SYSTEME D'ETABLISSEMENT EN TEMPS REEL D'UN PRIX DE RAJUSTEMENT D'ENERGIE POUR DES MICRO-RESEAUX AYANT DES RESSOURCES ENERGETIQUES DISTRIBUEES**
[72] PAVLOVSKI, ALEXANDRE, CA
[72] ANICHKOV, DMITRIY, US
[71] GREEN POWER LABS INC., CA
[85] 2019-03-11
[86] 2017-09-12 (PCT/CA2017/000202)
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[25] EN
[54] **A FISH DECAPITATING APPARATUS AND A METHOD FOR DECAPITATING FISH**
[54] **APPAREIL DE DECAPITATION DE POISSON ET PROCEDE DE DECAPITATION DE POISSON**
[72] SVOLDGAARD, PETER THISTED, DK
[72] DAHL, MADS AAGAARD, DK
[71] MAREL SALMON A/S, DK
[85] 2019-03-11
[86] 2017-09-26 (PCT/EP2017/074344)
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[51] **Int.Cl. E21B 7/15 (2006.01) E21B 41/00 (2006.01) E21C 37/18 (2006.01)**
[25] EN
[54] **RESONANT TRANSFORMER FOR DOWNHOLE ELECTROCRUSHING DRILLING**
[54] **TRANSFORMATEUR RESONANT DESTINE A UN FORAGE PAR ELECTRO-ECRASEMENT DE FOND DE TROU**
[72] GILBRECH, JOSHUA A., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[71] CHEVRON U.S.A. INC., US
[71] SDG LLC, US
[85] 2019-03-08
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[51] **Int.Cl. F04B 43/073 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR CLEANING A CHANNEL USING A DIAPHRAGM PUMP MODULE**
[54] **PROCEDE ET DISPOSITIF POUR LE NETTOYAGE D'UN CANAL A L'AIDE D'UN MODULE DE POMPE A MEMBRANE**
[72] DOMERACKI, JERZY, PL
[71] OTEK ENGINEERING JERZY DOMERACKI, PL
[85] 2019-03-11
[86] 2018-02-15 (PCT/EP2018/053821)
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[51] **Int.Cl. C09K 8/54 (2006.01) E21B 41/02 (2006.01)**
[25] EN
[54] **INHIBITING CORROSION IN A DOWNHOLE ENVIRONMENT**
[54] **INHIBITION DE LA CORROSION DANS UN ENVIRONNEMENT DE FOND**
[72] ELURU, SAIRAM, IN
[72] NEHETE, UMESH NAMDEO, IN
[72] SALLA, RAJENDER, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-03-08
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[51] **Int.Cl. C08L 3/12 (2006.01) A23L 13/40 (2016.01) A61K 31/718 (2006.01)**
[25] EN
[54] **NOVEL GLUCOSE POLYMERS FOR PERITONEAL DIALYSIS**
[54] **NOUVEAUX POLYMERES DE GLUCOSE POUR DIALYSE PERITONEALE**
[72] SIMON, DENIS, FR
[72] HAEUSLER, OLAF, FR
[71] ROQUETTE FRERES, FR
[85] 2019-03-11
[86] 2017-09-14 (PCT/FR2017/052446)
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[25] EN
[54] **A PAPER OR PAPERBOARD PRODUCT COMPRISING AT LEAST ONE PLY CONTAINING HIGH YIELD PULP AND ITS PRODUCTION METHOD**
[54] **PRODUIT EN PAPIER OU EN CARTON COMPRENANT AU MOINS UN PLI CONTENANT UNE PATE A HAUT RENDEMENT ET SON PROCEDE DE PRODUCTION**
[72] HOGLUND, HANS, SE
[72] PETTERSSON, GUNILLA, SE
[72] NORGREN, SVEN, SE
[72] ENGSTRAND, PER, SE
[71] HOGLUND, HANS, SE
[71] PETTERSSON, GUNILLA, SE
[71] NORGREN, SVEN, SE
[71] ENGSTRAND, PER, SE
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[51] **Int.Cl. A01N 43/56 (2006.01) A01N 43/90 (2006.01)**
[25] EN
[54] **PESTICIDAL MIXTURES**
[54] **MELANGES PESTICIDES**
[72] CLEMENS, CHRISTOPHER GLEN, US
[72] MECK, ELIJAH, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2019-03-11
[86] 2017-09-21 (PCT/EP2017/073872)
[87] (WO2018/055022)
[30] US (62/397989) 2016-09-22

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[13] A1
[51] **Int.Cl. B27N 3/18 (2006.01) B27N 3/08 (2006.01) B27N 3/24 (2006.01)**
[25] EN
[54] **METHOD FOR BONDING LIGNOCELLULOSIC MATERIAL WITH PHENOLIC RESIN AND GASEOUS CARBON DIOXIDE**
[54] **PROCEDE DE LIAISON DE MATERIAU LIGNOCELLULOSIQUE AVEC UNE RESINE PHENOLIQUE ET DU DIOXYDE DE CARBONE GAZEUX**
[72] SLAYTER, JOHN D., US
[72] LEEPER, DALE L., US
[72] DOWDEN, ADAM D., US
[71] HEXION INC., US
[85] 2019-03-08
[86] 2017-09-13 (PCT/US2017/051364)
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[30] US (62/394,609) 2016-09-14
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[51] **Int.Cl. F16B 5/06 (2006.01) B64C 1/40 (2006.01) F16B 21/20 (2006.01)**
[25] EN
[54] **METHOD OF FASTENING A PANEL**
[54] **PROCEDE DE FIXATION D'UN PANNEAU**
[72] OWENS, KENNETH, GB
[72] PETERS, RUSSELL WILLIAM, GB
[72] HARRIS, ALAN THOMAS, GB
[71] BAE SYSTEMS PLC, GB
[85] 2019-03-11
[86] 2017-08-21 (PCT/GB2017/052467)
[87] (WO2018/051060)
[30] GB (1615527.7) 2016-09-13
[30] EP (16275134.1) 2016-09-13

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[51] **Int.Cl. B21C 37/08 (2006.01) B23K 13/00 (2006.01) B23K 13/06 (2006.01) C21D 9/08 (2006.01) C21D 9/50 (2006.01) C22C 38/00 (2006.01) C22C 38/60 (2006.01) C22F 1/00 (2006.01)**
[25] EN
[54] **ELECTRIC RESISTANCE WELDED CLAD STEEL PIPE OR TUBE AND METHOD OF PRODUCING SAME**
[54] **TUYAU EN ACIER PLAQUE SOUDE PAR RESISTANCE ELECTRIQUE ET SON PROCEDE DE FABRICATION**
[72] IDE, SHINSUKE, JP
[72] MATSUMOTO, AKIHIDE, JP
[72] MATSUMOTO, ATSUSHI, JP
[72] OKABE, TAKATOSHI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2019-03-11
[86] 2017-08-31 (PCT/JP2017/031489)
[87] (WO2018/047722)
[30] JP (2016-177916) 2016-09-12
[30] JP (2016-177950) 2016-09-12

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[54] **GRINDING ROLLER**
[54] **GALET DE BROYAGE**
[72] PRIGNON, XAVIER, BE
[71] MAGOTTEAUX INTERNATIONAL S.A., BE
[85] 2019-03-11
[86] 2017-09-20 (PCT/EP2017/073701)
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[54] **PIPELINE MAPPING SYSTEM**
[54] **SYSTEME DE CARTOGRAPHIE DE PIPELINE**
[72] FREEAR, STEVEN, GB
[72] VO, CHAU KY, GB
[72] VARCOE, BEN, GB
[72] COWELL, DAVID MATTHEW JOSEPH, GB
[72] STAPLES, STEPHEN GEORGE HENRY, GB
[72] COOKSON, CHRISTOPHER LEE, GB
[71] SPEIR HUNTER LTD., GB
[85] 2019-03-11
[86] 2017-09-08 (PCT/GB2017/052638)
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[30] GB (1615331.4) 2016-09-09

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[25] EN
[54] **CLAD WELDED PIPE OR TUBE AND METHOD OF PRODUCING SAME**
[54] **TUYAU SOUDE GAINE ET SON PROCEDE DE FABRICATION**
[72] OKABE, TAKATOSHI, JP
[72] MATSUMOTO, ATSUSHI, JP
[72] IDE, SHINSUKE, JP
[72] MATSUMOTO, AKIHIDE, JP
[71] JFE STEEL CORPORATION, JP
[85] 2019-03-11
[86] 2017-08-31 (PCT/JP2017/031490)
[87] (WO2018/047723)
[30] JP (2016-177918) 2016-09-12
[30] JP (2016-177924) 2016-09-12
[30] JP (2016-177936) 2016-09-12

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[51] **Int.Cl. G02F 1/025 (2006.01) G02F 1/017 (2006.01)**
[25] EN
[54] **SEMICONDUCTOR OPTICAL MODULATION ELEMENT**
[54] **ELEMENT SEMI-CONDUCTEUR DE MODULATION OPTIQUE**
[72] OGISO, YOSHIHIRO, JP
[72] MAWATARI, HIROYASU, JP
[72] KIKUCHI, NOBUHIRO, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2019-03-11
[86] 2017-09-13 (PCT/JP2017/033014)
[87] (WO2018/052013)
[30] JP (2016-178905) 2016-09-13

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[51] **Int.Cl. G06Q 20/32 (2012.01)**
[25] EN
[54] **BILL PAYMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE PAIEMENT DE FACTURE**
[72] MOSHAL, MARTIN PAUL, GI
[72] DE VILLIERS, DAVID, ZA
[71] GELLINER LIMITED, IM
[85] 2019-03-11
[86] 2017-09-20 (PCT/GB2017/052807)
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[30] GB (1615964.2) 2016-09-20

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[13] A1
[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **WIRELESS COMMUNICATION SYSTEM CONTROL OF CARRIER AGGREGATION FOR A WIRELESS RELAY**
[54] **COMMANDE DE SYSTEME DE COMMUNICATION SANS FIL D'AGREGATION DE PORTEUSES POUR UN RELAIS SANS FIL**
[72] MARUPADUGA, SREEKAR, US
[72] VELUSAMY, SARAVANA, US
[72] PARIHAR, VANIL, US
[72] MANCHANDA, NITESH, US
[71] SPRINT COMMUNICATIONS COMPANY L.P., US
[85] 2019-03-08
[86] 2017-09-19 (PCT/US2017/052279)
[87] (WO2018/063860)
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION MEDICINALE**
[72] HANIUDA, HIROKI, JP
[72] ENOKIZONO, SACHIKO, JP
[72] NAKAZATO, TOMOYUKI, JP
[72] TOKUDA, TAKUYA, JP
[72] FUJIKI, NORIE, JP
[71] KYOWA HAKKO KIRIN CO., LTD., JP
[85] 2019-03-11
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[25] EN
[54] **NITROUS OXIDE MIXTURES AND METHODS OF USE**
[54] **MELANGES D'OXYDES NITREUX ET LEURS PROCEDES D'UTILISATION**
[72] KIRSCH, WARREN R., US
[72] METCALFE, CHRISTIAN T., US
[71] KORVATA INC., US
[85] 2019-03-11
[86] 2016-09-09 (PCT/US2016/050919)
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[51] **Int.Cl. A23C 9/13 (2006.01)**
[25] EN
[54] **FERMENTED MILK COMPRISING SACCHARIDES CONTAINING HIGH CONTENT OF ALLULOSE**
[54] **LAIT FERMENTE COMPRENANT DES SACCHARIDES CONTENANT UN TAUX ELEVE D'ALLULOSE**
[72] KOH, JI HOON, KR
[72] PARK, SEUNG WON, KR
[72] JUNG, DONG CHUL, KR
[71] CJ CHEILJEDANG CORPORATION, KR
[85] 2019-03-11
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[30] KR (10-2016-0167707) 2016-12-09

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[25] EN
[54] **BUFFER LAYER TO PREVENT ETCHING BY PHOTORESIST DEVELOPER**
[54] **COUCHE TAMPON POUR EMPECHER LA GRAVURE PAR DEVELOPPEUR DE PHOTORESINE**
[72] MEGRANT, ANTHONY EDWARD, US
[71] GOOGLE LLC, US
[85] 2019-03-11
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[25] EN
[54] **BIOLOGICAL CONTROL OF PLANT PATHOGENIC MICROORGANISMS**
[54] **LUTTE BIOLOGIQUE CONTRE LES MICRO-ORGANISMES PATHOGENES DE VEGETAUX**
[72] ELMER, PHILLIP, NZ
[72] HOYTE, STEPHEN, NZ
[71] THE NEW ZEALAND INSTITUTE FOR PLANT AND FOOD RESEARCH LIMITED, NZ
[85] 2019-03-11
[86] 2017-09-11 (PCT/IB2017/055453)
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[30] US (62/393,641) 2016-09-12
[30] NZ (724271) 2016-09-13
[30] NZ (725641) 2016-10-28

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[25] EN
[54] **TOMATO KETCHUP WITH IMPROVED STORAGE STABILITY**
[54] **KETCHUP DE TOMATE A STABILITE AU STOCKAGE AMELIOREE**
[72] LEE, IN, KR
[72] PARK, SEUNG WON, KR
[72] BYUN, SUNG BAE, KR
[72] SHIM, DONG SEOK, KR
[72] JUNG, DONG CHUL, KR
[72] CHOI, JONG MIN, KR
[71] CJ CHEILJEDANG CORPORATION, KR
[85] 2019-03-11
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[87] (WO2018/066825)
[30] KR (10-2016-0129260) 2016-10-06

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[51] **Int.Cl. G06Q 40/04 (2012.01) G06Q 40/06 (2012.01)**
[25] EN
[54] **SYSTEM OF PERPETUAL GIVING**
[54] **SYSTEME DE DON PERPETUEL**
[72] HASAN, SYED KAMRAN, US
[71] HASAN, SYED KAMRAN, US
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[87] (WO2017/048768)
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[30] US (62/323,657) 2016-04-16

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[51] **Int.Cl. H04W 48/10 (2009.01) H04W 48/14 (2009.01) H04W 88/08 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING SYSTEM INFORMATION**
[54] **PROCEDE ET APPAREIL DE FOURNITURE D'INFORMATIONS DE SYSTEME**
[72] BYUN, DAEWOOK, KR
[72] XU, JIAN, KR
[72] KIM, SANGWON, KR
[72] KIM, SEOKJUNG, KR
[72] LEE, JAEWOOK, KR
[71] LG ELECTRONICS INC., KR
[85] 2019-03-11
[86] 2018-04-11 (PCT/KR2018/004251)
[87] (WO2018/190636)
[30] US (62/484,897) 2017-04-13
[30] US (62/492,327) 2017-05-01
[30] US (62/519,889) 2017-06-15
[30] US (62/529,442) 2017-07-06
[30] KR (10-2018-0041939) 2018-04-11

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[51] **Int.Cl. A47J 36/16 (2006.01) A23L 5/10 (2016.01) A23L 33/16 (2016.01) A47J 36/02 (2006.01)**
[25] EN
[54] **ELECTROLYTIC IRON COOKING IMPLEMENT**
[54] **USTENSILE DE CUISSON EN FER ELECTROLYTIQUE**
[72] ARMSTRONG, GAVIN, CA
[71] LUCKY IRON FISH, INC., CA
[85] 2019-03-11
[86] 2017-09-12 (PCT/IB2017/055504)
[87] (WO2018/047150)
[30] US (62/393,236) 2016-09-12

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[51] **Int.Cl. C07F 9/54 (2006.01) C07C 211/63 (2006.01) C07D 211/58 (2006.01) C07D 233/72 (2006.01) C07F 9/576 (2006.01) C07F 9/655 (2006.01) C09D 5/14 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL COMPOUNDS OR PRECURSORS THEREOF COMRPISING ONE OR MORE CATIONIC CENTERS AND A COATING-INCORPORATION GROUP**
[54] **COMPOSES ANTIMICROBIENS OU PRECURSEURS DE CEUX-CI COMPRENANT UN OU PLUSIEURS CENTRES CATIONIQUES ET UN GROUPE D'INCORPORATION DE REVETEMENT**
[72] CHAUDHARY, HARSHITA, CA
[72] BINDRA, GURMEET, CA
[72] DUBIEL, MARCELO, CA
[72] WOLFF, ZACHARY, CA
[71] EXIGENCE TECHNOLOGIES INC., CA
[85] 2019-03-11
[86] 2017-04-19 (PCT/CA2017/050482)
[87] (WO2018/049508)
[30] US (62/393,757) 2016-09-13

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[51] **Int.Cl. A42B 1/04 (2006.01)**
[25] EN
[54] **COMBINATION SURGICAL CAP AND DEPLOYABLE BOUFFANT CAP**
[54] **CAPUCHON CHIRURGICAL ET CAPUCHON GONFLANT DEPLOYABLE COMBINES**
[72] TEAT, STEPHANIE V., US
[72] WU, KUN-CHI, US
[72] ELLIOTT, PATRICK F., US
[72] LIN, BRIAN E., US
[72] HENDERSON, MARY RACHEL TAYLOR, US
[72] WEATHERLY, MATTHEW G., US
[72] GHAFOURI-KIA, PEYMAUN, US
[71] O&M HALYARD INTERNATIONAL UNLIMITED COMPANY, IE
[85] 2019-03-11
[86] 2018-08-10 (PCT/IB2018/056063)
[87] (WO2019/030736)
[30] US (62/544,048) 2017-08-11
[30] US (62/628,453) 2018-02-09

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[13] A1
[51] **Int.Cl. H04W 48/16 (2009.01) H04W 48/02 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PERFORMING ACCESS BARRING CHECK**
[54] **PROCEDE ET APPAREIL PERMETTANT D'EFFECTUER UN CONTROLE D'INTERDICTION D'ACCES**
[72] LEE, YOUNGDAE, KR
[72] CHOE, HYUNJUNG, KR
[71] LG ELECTRONICS INC., KR
[85] 2019-03-11
[86] 2018-06-25 (PCT/KR2018/007142)
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[30] US (62/523,799) 2017-06-23
[30] US (62/523,786) 2017-06-23

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[51] **Int.Cl. H01L 39/02 (2006.01) H01L 39/24 (2006.01)**
[25] EN
[54] **CAPPING LAYER FOR REDUCING ION MILL DAMAGE**
[54] **COUCHE DE RECOUVREMENT POUR REDUIRE LES DOMMAGES D'UN BROYEUR D'IONS**
[72] MEGRANT, ANTHONY EDWARD, US
[71] GOOGLE LLC, US
[85] 2019-03-11
[86] 2016-09-15 (PCT/US2016/051910)
[87] (WO2018/052424)

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[51] **Int.Cl. F16F 15/08 (2006.01) A47B 91/04 (2006.01) F16F 7/00 (2006.01) G10K 11/16 (2006.01)**
[25] EN
[54] **MODULAR ISOLATING SYSTEM**
[54] **SYSTEME D'ISOLATION MODULAIRE**
[72] MORRISON, DAVID, CA
[71] D. MORRISON CONSULTING INC., CA
[85] 2019-03-11
[86] 2017-08-16 (PCT/CA2017/050968)
[87] (WO2018/049510)
[30] US (15/263,779) 2016-09-13

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[51] **Int.Cl. A61K 35/20 (2006.01) A23J 1/20 (2006.01) A61K 38/17 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **BETA-CASEINS AND GUT MICROBIOTA**
[54] **CASEINES BETA ET MICROBIOTE INTESTINAL**
[72] CLARKE, ANDREW JOHN, NZ
[72] BABIDGE, CATHERINE MARY, NZ
[72] NI, JIAYI, CN
[71] THE A2 MILK COMPANY LIMITED, NZ
[85] 2019-03-11
[86] 2016-09-30 (PCT/NZ2016/050161)
[87] (WO2018/063008)

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[13] A1
[51] **Int.Cl. C07D 257/02 (2006.01) D21C 9/10 (2006.01)**
[25] EN
[54] **FAR SUPERIOR OXIDATION CATALYSTS BASED ON MACROCYCLIC COMPOUNDS**
[54] **CATALYSEURS D'OXYDATION NETTEMENT SUPERIEURS A BASE DE COMPOSES MACROCYCLIQUES**
[72] COLLINS, TERRENCE JAMES, US
[72] DENARDO, MATTHEW ALAN, US
[72] WARNER, GENOA ROSE, US
[72] GORDON-WYLIE, SCOTT WALLACE, US
[72] ELLIS, WILLIAM CHADWICK, US
[71] CARNEGIE MELLON UNIVERSITY, US
[85] 2019-03-11
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[30] US (62/233,070) 2015-09-25

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4375 (2006.01) A61P 9/00 (2006.01) A61P 13/00 (2006.01) C07D 491/107 (2006.01)**
[25] EN
[54] **7-SUBSTITUTED 1-ARYLNAPHTHYRIDINE-3-CARBOXAMIDES AND THEIR USE**
[54] **AMIDES DE L'ACIDE 1-ARYL-NAPHTHYRIDINE-3-CARBOXYLIQUE SUBSTITUES EN POSITION 7 ET LEUR UTILISATION**
[72] TELLER, HENRIK, DE
[72] VAKALOPOULOS, ALEXANDROS, DE
[72] BOULTADAKIS ARAPINIS, MELISSA, DE
[72] STRAUB, ALEXANDER, DE
[72] TINEL, HANNA, DE
[72] BRECHMANN, MARKUS, US
[72] WITTWER, MATTHIAS BEAT, DE
[72] KULLMANN, MAXIMILIAN ANDREAS, DE
[72] FREUDENBERGER, TILL, DE
[72] MONDRITZKI, THOMAS, DE
[72] MARQUARDT, TOBIAS, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[71] BAYER PHARMA AKTIENFESELLSCHAFT, DE
[85] 2019-03-11
[86] 2017-09-06 (PCT/EP2017/072339)
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[30] EP (16188728.6) 2016-09-14
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[13] A1
[51] **Int.Cl. G01V 3/20 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **WELL INFILTRATION AREA CALCULATION USING LOGGING WHILE DRILLING DATA**
[54] **CALCUL DE ZONE D'INFILTRATION DE PUITS A L'AIDE DE DONNEES DE DIAGRAPHIE EN COURS DE FORAGE**
[72] BOKAREV, ANTON YURIEVICH, RU
[72] ISMAGILOV, AIRAT, RU
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2019-03-11
[86] 2016-09-12 (PCT/RU2016/000622)
[87] (WO2018/048321)

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[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01) G01V 1/40 (2006.01) G01V 1/52 (2006.01)**
[25] EN
[54] **PREDICTING DAMAGE TO WELLBORE TUBULARS DUE TO MULTIPLE PULSE GENERATING DEVICES**
[54] **PREDICTION DE DOMMAGES CAUSES A DES ELEMENTS TUBULAIRES DE PUITS DE FORAGE EN RAISON DE MULTIPLES DISPOSITIFS DE GENERATION D'IMPULSIONS**
[72] SAMUEL, ROBELLO, US
[72] ZHANG, YUAN, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2019-03-11
[86] 2016-11-15 (PCT/US2016/061948)
[87] (WO2018/093345)

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[13] A1
[51] **Int.Cl. A23L 29/30 (2016.01) A23L 21/12 (2016.01)**
[25] EN
[54] **PLANT-SOAKED SOLUTION COMPRISING TAGATOSE, AND METHOD FOR PRODUCING SAME**
[54] **SOLUTION IMBIBEE DE PLANTE COMPRENANT DU TAGATOSE, ET SON PROCEDE DE FABRICATION**
[72] KIM, SU JEOUNG, KR
[72] BAK, YOUN KYUNG, KR
[72] CHOI, JONG MIN, KR
[72] PARK, JUNG GYU, KR
[72] BYUN, SUNG BAE, KR
[72] PARK, SEUNG WON, KR
[72] JUNG, DONG CHUL, KR
[71] CJ CHEILJEDANG CORPORATION, KR
[85] 2019-03-11
[86] 2017-06-23 (PCT/KR2017/006638)
[87] (WO2018/079977)
[30] KR (10-2016-0142789) 2016-10-31

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[13] A1
[51] **Int.Cl. H05K 1/18 (2006.01) G06N 99/00 (2019.01) H05K 1/02 (2006.01)**
[25] EN
[54] **MULTILAYER PRINTED CIRCUIT BOARD FOR REDUCING QUANTUM SIGNAL CROSSTALK**
[54] **CARTE DE CIRCUIT IMPRIME MULTICOUCHE POUR REDUIRE LA DIAPHONIE DE SIGNAL QUANTIQUE**
[72] LUCERO, ERIK ANTHONY, US
[71] GOOGLE LLC, US
[85] 2019-03-11
[86] 2016-12-20 (PCT/US2016/067780)
[87] (WO2018/052465)
[30] US (62/394,892) 2016-09-15

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[13] A1
[51] **Int.Cl. A61K 8/9789 (2017.01) A61K 8/02 (2006.01) A61K 8/49 (2006.01) A61Q 19/02 (2006.01)**
[25] EN
[54] **SKIN LIGHTENING COMPOUNDS FROM FRUIT SEED EXTRACTS**
[54] **COMPOSES D'ECLAIRCISSEMENT DE LA PEAU FAIT A PARTIR D'EXTRAITS DE GRAINES DE FRUITS.**
[72] KEDROWSKI, BRANT LAWRENCE, US
[72] MUELLER, MARK, US
[71] BOTANIC INNOVATIONS, LLC, US
[71] WISYS TECHNOLOGY FOUNDATION, INC., US
[85] 2019-03-11
[86] 2017-08-01 (PCT/US2017/044975)
[87] (WO2018/026859)
[30] US (62/369,651) 2016-08-01

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[13] A1
[51] **Int.Cl. C07K 16/10 (2006.01) A61K 39/42 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **ANTI-DENGUE VIRUS ANTIBODIES, POLYPEPTIDES CONTAINING VARIANT FC REGIONS, AND METHODS OF USE**
[54] **ANTICORPS ANTIVIRUS DE LA DENGUE, POLYPEPTIDES CONTENANT DES VARIANTS DE REGIONS FC, ET PROCEDES D'UTILISATION**
[72] SAMPEI, ZENJIRO, SG
[72] KOO, XING'ER CHRISTINE, SG
[72] FINK, KATJA, SG
[72] ZUEST, ROLAND, SG
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
[71] AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH, SG
[85] 2019-03-08
[86] 2017-09-15 (PCT/SG2017/050465)
[87] (WO2018/052375)
[30] SG (10201607778X) 2016-09-16

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[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01)**
[25] EN
[54] **COMPUTER SYSTEM AND STORED PROGRAM FOR PRODUCT AND CONTRACTOR SERVICE MAPPING**
[54] **SYSTEME INFORMATIQUE ET PROGRAMME ENREGISTRE POUR LA MISE EN CORRESPONDANCE DE PRODUITS ET DE SERVICES D'ENTREPRENEURS**
[72] BANHIDY, TODD, US
[72] BRUNMEIER, MATT, US
[71] SERVICE TRADING COMPANY, INC., US
[85] 2019-03-11
[86] 2017-08-11 (PCT/US2017/046562)
[87] (WO2018/031917)
[30] US (62/373,916) 2016-08-11

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[13] A1
[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/395 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 37/02 (2006.01) C12N 15/13 (2006.01) G01N 33/577 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **ANTI-GM-CSF ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-GM-CSF ET LEURS UTILISATIONS**
[72] WANG, ZHENGYI, CN
[72] FANG, LEI, CN
[72] GUO, BINGSHI, CN
[72] ZANG, JINGWU, CN
[71] I-MAB, CN
[85] 2019-03-11
[86] 2017-09-18 (PCT/CN2017/102057)
[87] (WO2018/050111)
[30] CN (201610831525.9) 2016-09-19
[30] CN (201610832677.0) 2016-09-19

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[13] A1
[51] **Int.Cl. E21B 33/06 (2006.01)**
[25] EN
[54] **IMPROVED BLOWOUT PREVENTER**
[54] **BLOC D'OBTURATION DE PUITS AMELIORE**
[72] GALLAGHER, BOBBY JAMES, US
[72] ANGSTMANN, STEVEN ANTHONY, US
[72] GALLAGHER, BILLY JACK, AU
[71] KINETIC PRESSURE CONTROL, LTD., US
[85] 2019-03-11
[86] 2017-08-22 (PCT/US2017/047875)
[87] (WO2018/048612)
[30] US (62/393,511) 2016-09-12

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[13] A1
[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/352 (2006.01) A61K 31/565 (2006.01) A61K 31/575 (2006.01) A61K 31/616 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR TREATING DEMENTIA**
[54] **COMPOSITIONS DESTINEES AU TRAITEMENT DE LA DEMENCE**
[72] HOFFMAN, STEVEN, US
[71] HOFFMAN, STEVEN, US
[85] 2019-03-11
[86] 2017-09-08 (PCT/US2017/050653)
[87] (WO2018/049141)
[30] US (62/393,140) 2016-09-12
[30] US (62/507,531) 2017-05-17

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[13] A1
[51] **Int.Cl. A23L 33/00 (2016.01) G09B 19/00 (2006.01)**
[25] EN
[54] **GENERATING ATTRIBUTE-BASED GRANULAR DATABASE QUERY**
[54] **GENERATION DE REQUETE DE BASE DE DONNEES GRANULAIRES BASEE SUR UN ATTRIBUT**
[72] WEISS, MICHAEL, US
[72] HEIM, KURT, US
[72] ROSNER, LAWRENCE, US
[71] NATURE'S DREAM, INC., US
[85] 2019-03-11
[86] 2017-08-23 (PCT/US2017/048133)
[87] (WO2018/048625)
[30] US (15/262,052) 2016-09-12

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[13] A1
[51] **Int.Cl. G06F 21/32 (2013.01) G06K 9/00 (2006.01)**
[25] EN
[54] **HYBRID CAPACITIVE AND ULTRASONIC SENSING**
[54] **DETECTION HYBRIDE CAPACITIVE ET ULTRASONORE**
[72] D'SOUZA, SANDEEP LOUIS, US
[72] WINEBRAND, VADIM, US
[72] HINGER, ASHISH, US
[72] PAN, PAUL PENCHIN, US
[72] AGASSY, MEIR, US
[72] ABUDI, YIZHAQ, US
[72] LAWRENCE, MICAH TIMOTHY, US
[72] KIM, JONG SOO, US
[72] ANTAO, SHERMAN SEBASTIAN, US
[72] WANG, BO-REN, US
[72] ROHAM, MASOUD, US
[72] MATHE, LENNART KARL, US
[72] ALTMAN, NATHAN FELIX, US
[72] GANTI, SURYAPRAKASH, US
[72] BURNS, DAVID WILLIAM, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-03-11
[86] 2017-08-23 (PCT/US2017/048270)
[87] (WO2018/071098)
[30] US (62/407,386) 2016-10-12
[30] US (15/633,164) 2017-06-26

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[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01) A61B 17/068 (2006.01) A61B 17/04 (2006.01) A61B 17/064 (2006.01)**
[25] EN
[54] **CONSTRICTING A CARDIAC VALVE ANNULUS AND INSTALLING A RING ONTO A CARDIAC VALVE ANNULUS**
[54] **CONSTRICTION D'UN ANNEAU DE VALVE CARDIAQUE ET INSTALLATION D'UN ANNEAU SUR UN ANNEAU DE VALVE CARDIAQUE**
[72] ALON, DAVID, IL
[72] MELLER, NIMROD, IL
[72] NEUMARK, DAVID, IL
[72] BIRAN, RAZ, IL
[71] CARDIAC IMPLANTS LLC, US
[85] 2019-03-11
[86] 2017-09-08 (PCT/US2017/050716)
[87] (WO2018/052807)
[30] US (62/395,357) 2016-09-15
[30] US (62/519,529) 2017-06-14

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[13] A1
[51] **Int.Cl. A61B 17/04 (2006.01)**
[25] EN
[54] **SYSTEM FOR SUTURE TRIMMING**
[54] **SYSTEME POUR LE ROGNAGE DE SUTURE**
[72] JUAN, CHUN-CHIA, TW
[72] CHEN, RUNG-JIAN, TW
[72] SILVA-TORRES, ROBERTO W., US
[71] TERUMO MEDICAL CORPORATION, US
[85] 2019-03-11
[86] 2017-09-08 (PCT/US2017/050647)
[87] (WO2018/049138)
[30] US (62/385,436) 2016-09-09

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[13] A1
[51] **Int.Cl. A23L 33/00 (2016.01)**
[25] EN
[54] **KETOGENIC NUTRITIONAL COMPOSITIONS**
[54] **COMPOSITIONS NUTRITIONNELLES CETOGENES**
[72] GARVEY, SEAN, US
[72] DEMICHELE, STEPHEN, US
[72] TYRE, ROGER, US
[72] TORGERSON, ERIC, US
[72] HERTZLER, STEVEN, US
[71] ABBOTT LABORATORIES, US
[85] 2019-03-11
[86] 2017-09-05 (PCT/US2017/050099)
[87] (WO2018/052758)
[30] US (62/394,006) 2016-09-13

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[13] A1
[51] **Int.Cl. E21B 43/25 (2006.01) C09K 8/62 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **LIQUEFIED NATURAL GAS (LNG) RE-FRACTURING**
[54] **REFRACTURATION DE GAZ NATUREL LIQUEFIE (GNL)**
[72] DUSTERHOFT, RONALD G., US
[72] STEGENT, NEIL A., US
[72] REYES, ENRIQUE A., US
[72] WALSER, DOUG W., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-03-11
[86] 2016-11-11 (PCT/US2016/061692)
[87] (WO2018/089021)

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[13] A1
[51] **Int.Cl. H04L 27/26 (2006.01)**
[25] EN
[54] **PILOT SIGNAL TRANSMISSION METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE TRANSMISSION DE SIGNAL PILOTE**
[72] TANG, HAI, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-03-11
[86] 2016-09-12 (PCT/CN2016/098712)
[87] (WO2018/045586)

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[13] A1
[51] **Int.Cl. H04W 74/00 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING INFORMATION**
[54] **PROCEDE ET APPAREIL DE TRANSMISSION D'INFORMATIONS**
[72] LIN, YANAN, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-03-11
[86] 2016-10-17 (PCT/CN2016/102286)
[87] (WO2018/072062)

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[13] A1
[51] **Int.Cl. G06Q 20/02 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **COMPUTER SYSTEM AND STORED PROGRAM FOR CERTIFYING CONTRACTORS**
[54] **SYSTEME INFORMATIQUE ET PROGRAMME ENREGISTRE POUR CERTIFIER DES ENTREPRENEURS**
[72] BANHIDY, TODD, US
[72] BRUNMEIER, MATT, US
[71] SERVICE TRADING COMPANY, INC., US
[85] 2019-03-11
[86] 2017-08-11 (PCT/US2017/046552)
[87] (WO2018/031912)
[30] US (62/373,916) 2016-08-11

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[13] A1
[51] **Int.Cl. E21B 41/00 (2006.01) G21F 9/24 (2006.01)**
[25] EN
[54] **EMERGENCY METHOD AND SYSTEM FOR IN-SITU DISPOSAL AND CONTAINMENT OF NUCLEAR MATERIAL AT NUCLEAR POWER FACILITY**
[54] **PROCEDE ET SYSTEME D'URGENCE POUR LE STOCKAGE ET LE CONFINEMENT IN SITU DE MATIERE NUCLEAIRE AU NIVEAU D'UNE CENTRALE NUCLEAIRE**
[72] GERMANOVICH, LEONID, US
[72] MURDOCH, LAWRENCE C., US
[72] ROBINOWITZ, MARVIN, US
[71] GRAND ABYSS, LLC, US
[85] 2019-03-11
[86] 2017-09-08 (PCT/US2017/050746)
[87] (WO2018/049205)
[30] US (15/262,881) 2016-09-12

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[51] **Int.Cl. H01M 2/02 (2006.01) G06F 1/18 (2006.01) H01M 2/10 (2006.01) H01M 10/42 (2006.01) H05K 7/14 (2006.01)**
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[54] **RECHARGEABLE BATTERY MODULES AND RECHARGEABLE BATTERY MODULE HANDLING METHODS**
[54] **MODULES DE BATTERIE RECHARGEABLE ET PROCEDES DE MANIPULATION DE MODULES DE BATTERIE RECHARGEABLE**
[72] KOHLER, MARC, US
[72] LEE, ERIK, US
[72] WALKER, ROBERT CRAIG, US
[71] LITHIUM WERKS TECHNOLOGY BV, NL
[85] 2019-03-11
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[54] **METHODS AND COMPOSITIONS FOR TREATMENT OF LAFORA DISEASE**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE LA MALADIE DE LAFORA**
[72] ARMSTRONG, DUSTIN D., US
[71] VALERION THERAPEUTICS, LLC, US
[85] 2019-03-11
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[51] **Int.Cl. E21B 37/06 (2006.01) C09K 8/524 (2006.01)**
[25] EN
[54] **METHOD FOR REMOVING ORGANIC AND INORGANIC DEPOSITS IN ONE STEP**
[54] **PROCEDE D'ELIMINATION DE DEPOTS ORGANIQUES ET INORGANIQUES EN UNE SEULE ETAPE**
[72] QUINTERO, LIRIO, US
[72] FELIPE, MARY JANE, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2019-03-11
[86] 2017-09-11 (PCT/US2017/050944)
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[30] US (62/394,325) 2016-09-14
[30] US (15/699,744) 2017-09-08

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[51] **Int.Cl. B01D 33/056 (2006.01) B01D 17/00 (2006.01) B01D 17/04 (2006.01) B01D 33/044 (2006.01) B01D 33/048 (2006.01) B01D 33/64 (2006.01)**
[25] EN
[54] **FLAT-WIRE BELT CONVEYORS**
[54] **TRANSPORTEURS A COURROIE A FIL PLAT**
[72] STORM, BRANDON, US
[72] MEYER, NATHAN, US
[72] TERRY, MARKUS, US
[72] ANDERSON, GREGORY, US
[71] VERMEER MANUFACTURING COMPANY, US
[85] 2019-03-11
[86] 2017-09-12 (PCT/US2017/051203)
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[30] US (62/393,151) 2016-09-12
[30] US (62/452,706) 2017-01-31

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[54] **FACTOR VIIA GLYCOFORMS**
[54] **GLYCOFORMES DU FACTEUR VIIA**
[72] FELDMAN, RICHARD IRA, US
[71] BAYER HEALTHCARE LLC, US
[85] 2019-03-11
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[30] US (62/393,930) 2016-09-13

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[25] EN
[54] **ATTAINING ACCESS TO COMPROMISED FRACTURED PRODUCTION REGIONS AT AN OILFIELD**
[54] **ACCES A DES REGIONS DE PRODUCTION FRACTUREES COMPROMISES AU NIVEAU D'UN CHAMP PETROLIFERE**
[72] POTAPENKO, DMITRIY IVANOVICH, US
[72] BATZER, WILLIAM, US
[72] UTTER, ROBERT, US
[72] LEE, DONALD W., US
[72] WATERS, GEORGE ALAN, US
[72] PIPCHUK, DOUGLAS, GB
[72] RODGERS, RYAN, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2019-03-11
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[54] **TRANSFER SYSTEMS FOR RECEIVING AND CONVEYING MATERIAL**
[54] **SYSTEMES DE TRANSFERT DESTINES A LA RECEPTION ET AU TRANSPORT D'UN MATERIAU**
[72] STORM, BRANDON, US
[72] MEYER, NATHAN, US
[72] ANDERSON, GREGORY, US
[72] TERRY, MARKUS, US
[72] SEIBERT, JOSHUA, US
[71] VERMEER MANUFACTURING COMPANY, US
[85] 2019-03-11
[86] 2017-09-12 (PCT/US2017/051207)
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[30] US (62/393,151) 2016-09-12
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[25] EN
[54] **ONE-POT, HIGH-PERFORMANCE RECYCLING METHOD FOR POLYMER WASTE USING RENEWABLE POLYMER SYNTHESIS**
[54] **PROCEDE DE RECYCLAGE MONOTOPE A HAUTE PERFORMANCE DE DECHETS POLYMERES PAR SYNTHESE DE POLYMERES RENOUVELABLES**
[72] HEARON, KEITH, US
[72] OMURA, PAIGE, US
[71] POLY6 TECHNOLOGIES, INC., US
[85] 2019-03-11
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[30] US (15/263,107) 2016-09-12

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[25] EN
[54] **POLYMER BLENDS FOR STIMULATION OF OIL & GAS WELLS**
[54] **MELANGES DE POLYMERES POUR LA STIMULATION DE PUITS DE PETROLE ET DE GAZ**
[72] KESAVAN, SUBRAMANIAN, US
[72] LIN, GENYAO, US
[72] ZHOU, JIAN, US
[72] LE, HOANG VAN, US
[72] JUNG, CHANGMIN, US
[72] QU, QI, US
[71] RHODIA OPERATIONS, FR
[85] 2019-03-11
[86] 2017-09-13 (PCT/US2017/051263)
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[51] **Int.Cl. G10L 17/04 (2013.01) G10L 17/18 (2013.01)**
[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] KHOURY, ELIE, US
[72] GARLAND, MATTHEW, US
[71] PINDROP SECURITY, INC., US
[85] 2019-03-11
[86] 2017-09-11 (PCT/US2017/050927)
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[54] **WELLBORE LANDING METHODS FOR RESERVOIR STIMULATION**
[54] **PROCEDES D'ARRIVEE DE PUITS DE FORAGE POUR STIMULATION DE RESERVOIR**
[72] POTAPENKO, DMITRIY IVANOVICH, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2019-03-11
[86] 2017-09-12 (PCT/US2017/051078)
[87] (WO2018/049368)
[30] US (62/393,327) 2016-09-12

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[51] **Int.Cl. G03F 1/00 (2012.01) G03F 1/32 (2012.01)**
[25] EN
[54] **MICROLITHOGRAPHIC FABRICATION OF STRUCTURES**
[54] **FABRICATION MICROLITHOGRAPHIQUE DE STRUCTURES**
[72] SINGH, VIKRAMJIT, US
[71] MOLECULAR IMPRINTS, INC., US
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[86] 2017-09-12 (PCT/US2017/051143)
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[25] EN
[54] **CHARGING HANDLE**
[54] **POIGNEE D'ARMEMENT**
[72] SMITH, PAUL N., US
[72] WRIGHT, ADEN P., US
[72] PETERSON, BRYAN P., US
[72] LAACK, CHRISTOPHER D., US
[72] MEINERT, ROBERT J., US
[71] VISTA OUTDOOR OPERATIONS LLC, US
[85] 2019-03-11
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[25] EN
[54] **MULTIPLE BELT AND MULTIPLE ZONE TEXTILE DRYER**
[54] **SECHOIR DE MATERIAUX TEXTILES A BANDES MULTIPLES ET A ZONES MULTIPLES**
[72] HOFFMAN, RICHARD C., JR., US
[72] SWITALSKI, MARIUSZ, US
[72] TKACZ, DAREK, US
[71] M&R PRINTING EQUIPMENT, INC., US
[85] 2019-03-11
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[30] US (15/264,277) 2016-09-13

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/68 (2017.01) A61K 39/395 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **CD3 BINDING ANTIBODIES**
[54] **ANTICORPS SE LIANT A CD3**
[72] TRINKLEIN, NATHAN, US
[72] VAN SCHOOTEN, WIM, US
[72] ALDRED, SHELLEY FORCE, US
[72] HARRIS, KATHERINE, US
[72] PHAM, DUY, US
[71] TENEOBIO, INC., US
[85] 2019-03-11
[86] 2017-06-20 (PCT/US2017/038377)
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[30] US (62/394,360) 2016-09-14
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[51] **Int.Cl. A61K 38/22 (2006.01) C07K 14/72 (2006.01) C07K 16/28 (2006.01) G01N 33/567 (2006.01) G01N 33/74 (2006.01)**
[25] EN
[54] **METHODS OF DETECTING ANTI-LEPTIN NEUTRALIZING ANTIBODIES**
[54] **PROCEDES DE DETECTION D'ANTICORPS NEUTRALISANTS ANTI-LEPTINE**
[72] SAILSTAD, JEFFREY, US
[71] AEGERION PHARMACEUTICALS, INC., US
[85] 2019-03-11
[86] 2017-09-12 (PCT/US2017/051232)
[87] (WO2018/049424)
[30] US (62/393,632) 2016-09-12

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[51] **Int.Cl. B05B 1/18 (2006.01) B05B 1/34 (2006.01)**
[25] EN
[54] **SWIRL POT SHOWER HEAD ENGINE**
[54] **MOTEUR DE POMME DE DOUCHE A POT DE TURBULENCE**
[72] ROMERO, OSCAR, US
[71] SPECTRUM BRANDS, INC., US
[85] 2019-03-11
[86] 2017-09-13 (PCT/US2017/051378)
[87] (WO2018/053012)
[30] US (62/393,735) 2016-09-13

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[51] **Int.Cl. A61K 38/57 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING PULMONARY DISEASE USING INTER-ALPHA INHIBITOR PROTEINS**
[54] **PROCEDES DE TRAITEMENT D'UNE MALADIE PULMONAIRE A L'AIDE DE PROTEINES INHIBITRICES D'INTER-ALPHA**
[72] LIM, YOW-PIN, US
[72] SPERO, DENICE, US
[72] ANDREWS, RICHARD, US
[71] PROTHERA BIOLOGICS, INC., US
[85] 2019-03-11
[86] 2017-09-13 (PCT/US2017/051403)
[87] (WO2018/053029)
[30] US (62/394,025) 2016-09-13

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[51] **Int.Cl. A01N 25/32 (2006.01) A01N 43/02 (2006.01) A01N 43/32 (2006.01)**
[25] EN
[54] **MANUFACTURING METHOD FOR AND INSECTICIDAL COMPOSITIONS COMPRISING THIOCYCLAM HYDROCHLORIDE**
[54] **PROCEDE DE FABRICATION DE COMPOSITIONS INSECTICIDES ET COMPOSITIONS INSECTICIDES COMPRENANT DU CHLORHYDRATE DE THIOCYCLAM**
[72] GIBB, CAMERON S., US
[72] LARSON, CHRISTOPHER L., US
[72] SINGLETON, MARK T., US
[72] KATARIA, KAMAL L., IN
[72] BESSE, SAMANTHA, FR
[72] MOORE, JOSEPH A., III, US
[72] LOVELACE, THOMAS C., US
[72] KANUGALA, CHANDRA S., IN
[72] VOLLALA, SRINIVAS, IN
[72] VADLA, BALRAJU, IN
[71] ARYSTA LIFESCIENCE NORTH AMERICA, LLC, US
[85] 2019-03-11
[86] 2017-09-14 (PCT/US2017/051449)
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[30] US (15/268,734) 2016-09-19

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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/145 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING A CARBOHYDRATE INTAKE EVENT FROM GLUCOSE MONITORING DATA INDICATIVE OF A GLUCOSE LEVEL, AND A NON-TRANSITORY COMPUTER READABLE MEDIUM**
[54] **PROCEDE ET SYSTEME POUR DETERMINER UN EVENEMENT D'ABSORPTION DE GLUCIDE A PARTIR DE DONNEES DE SURVEILLANCE DE GLUCOSE INDIQUANT UN TAUX DE GLUCOSE, ET SUPPORT LISIBLE PAR ORDINATEUR NON TRANSITOIRE**
[72] REICHEL, ANDREAS, DE
[72] WIESNER, TOBIAS, DE
[72] STEIGER, BERND, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2019-03-11
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[30] EP (16191724.0) 2016-09-30

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[51] **Int.Cl. G06F 21/55 (2013.01) G06F 21/56 (2013.01) H04L 29/06 (2006.01)**
[25] EN
[54] **CYBERSECURITY INCIDENT DETECTION BASED ON UNEXPECTED ACTIVITY PATTERNS**
[54] **DETECTION D'INCIDENT DE CYBERSECURITE BASEE SUR DES MOTIFS D'ACTIVITE INATTENDUS**
[72] GARMAN, JASON A., US
[72] JOHNSON, BENJAMIN, US
[72] MCFARLAND, JASON J., US
[71] CARBON BLACK, INC., US
[85] 2019-03-11
[86] 2017-09-14 (PCT/US2017/051601)
[87] (WO2018/053154)
[30] US (62/394,420) 2016-09-14

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[51] **Int.Cl. C07D 471/08 (2006.01) A61K 31/439 (2006.01) A61P 31/04 (2006.01) C07D 211/78 (2006.01)**
[25] EN
[54] **BETA-LACTAMASE INHIBITOR COMPOUNDS**
[54] **COMPOSES INHIBITEURS DE BETA-LACTAMASE**
[72] BASARAB, GREGORY S., US
[72] MOSS, BILL, GB
[72] COMITA-PREVOIR, JANELLE, US
[72] DURAND-REVILLE, THOMAS FRANCOIS, US
[72] GAUTHIER, LISE, US
[72] O'DONNELL, JOHN, US
[72] ROMERO, JAN, US
[72] TOMMASI, RUBEN, US
[72] VERHEIJEN, JEROEN CUNERA, US
[72] WU, FRANK, US
[72] WU, XIAOYUN, US
[72] ZHANG, JING, US
[71] ENTASIS THERAPEUTICS LIMITED, GB
[85] 2019-03-11
[86] 2017-09-15 (PCT/US2017/051692)
[87] (WO2018/053215)
[30] US (62/395,464) 2016-09-16
[30] US (62/456,423) 2017-02-08

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[13] A1
[51] **Int.Cl. G01C 21/20 (2006.01) G06Q 10/04 (2012.01)**
[25] EN
[54] **DEVICE AND METHOD FOR IMPROVING ROUTE PLANNING COMPUTING DEVICES**
[54] **DISPOSITIF ET PROCEDE D'AMELIORATION DE DISPOSITIFS INFORMATIQUES DE PLANIFICATION D'ITINERAIRE**
[72] FREED, ERIK S., US
[71] POLARIS INDUSTRIES INC., US
[85] 2019-03-11
[86] 2017-09-15 (PCT/US2017/051800)
[87] (WO2018/053277)
[30] US (15/267,942) 2016-09-16

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[51] **Int.Cl. F17D 1/17 (2006.01) F16L 58/00 (2006.01) F17D 1/16 (2006.01) C09K 8/524 (2006.01) E21B 37/06 (2006.01)**
[25] EN
[54] **FATTY ALCOHOLS AND ESTERS FOR CRUDE OIL TREATMENT**
[54] **ALCOOLS GRAS ET ESTERS POUR LE TRAITEMENT DE PETROLE BRUT**
[72] SOLOMON, KIM R., US
[71] ECOLAB USA INC., US
[85] 2019-03-11
[86] 2017-09-15 (PCT/US2017/051756)
[87] (WO2018/053248)
[30] US (62/395,733) 2016-09-16

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[13] A1
[51] **Int.Cl. C08K 5/05 (2006.01) C08K 7/06 (2006.01) C09D 5/16 (2006.01)**
[25] EN
[54] **NON-CHLORINATED ALKOXYLATED ALCOHOL PHOSPHATE FOR METAL WORKING**
[54] **PHOSPHATE D'ALCOOL ALCOXYLE NON CHLORE POUR TRAVAIL DES METAUX**
[72] PALMER, CHARLES F., JR., US
[72] BINGEMAN, RONALD E., US
[72] FLOYD, WILLIAM C., US
[71] ETHOX CHEMICALS, LLC, US
[85] 2019-03-11
[86] 2017-09-19 (PCT/US2017/052281)
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[30] US (62/396,911) 2016-09-20

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[51] **Int.Cl. G10L 17/02 (2013.01) G10L 17/04 (2013.01) G10L 17/18 (2013.01) G10L 17/20 (2013.01)**
[25] EN
[54] **CHANNEL-COMPENSATED LOW-LEVEL FEATURES FOR SPEAKER RECOGNITION**
[54] **CARACTERISTIQUES DE BAS NIVEAU DE COMPENSATION DE CANAL POUR LA RECONNAISSANCE DE LOCUTEUR**
[72] KHOURY, ELIE, US
[72] GARLAND, MATTHEW, US
[71] PINDROP SECURITY, INC., US
[85] 2019-03-11
[86] 2017-09-19 (PCT/US2017/052293)
[87] (WO2018/053518)
[30] US (62/396,617) 2016-09-19
[30] US (62/396,670) 2016-09-19
[30] US (15/709,024) 2017-09-19

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[51] **Int.Cl. G01D 4/02 (2006.01) G01D 4/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR HOT SOCKET DETECTION IN A UTILITY METER**
[54] **PROCEDE ET SYSTEME PERMETTANT LA DETECTION DE PRISE CHAUDE DANS UN COMPTEUR**
[72] KRAUS, MATTHEW E., US
[72] BOUDREAU, FRANK J., JR., US
[71] LANDIS+GYR LLC, US
[85] 2019-03-11
[86] 2017-09-21 (PCT/US2017/052698)
[87] (WO2018/057724)
[30] US (15/271,303) 2016-09-21

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[13] A1
[51] **Int.Cl. F25D 23/12 (2006.01)**
[25] EN
[54] **MULTI-COMPARTMENT MODULAR COOLER**
[54] **REFROIDISSEUR MODULAIRE MULTI-COMPARTIMENTS**
[72] MCCURRY, NICHOLAS RAY, US
[72] RICH, JAMES, US
[71] WALMART APOLLO, LLC., US
[85] 2019-03-11
[86] 2017-09-22 (PCT/US2017/052857)
[87] (WO2018/067322)
[30] US (62/404,284) 2016-10-05

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[13] A1
[51] **Int.Cl. C07K 16/00 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **MULTISPECIFIC ANTIBODY MOLECULES COMPRISING LAMBDA AND KAPPA LIGHT CHAINS**
[54] **MOLECULES D'ANTICORPS MULTISPECIFIQUES COMPRENANT DES CHAINES LEGERES LAMBDA ET KAPPA**
[72] LOEW, ANDREAS, US
[72] VASH, BRIAN EDWARD, US
[72] MAIOCCO, STEPHANIE J., US
[71] ELSTAR THERAPEUTICS, INC., US
[85] 2019-03-11
[86] 2017-09-22 (PCT/US2017/053053)
[87] (WO2018/057955)
[30] US (62/399,319) 2016-09-23
[30] US (62/474,569) 2017-03-21

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[13] A1
[51] **Int.Cl. H04L 12/28 (2006.01) H04W 4/00 (2018.01) H04W 24/00 (2009.01) H04W 64/00 (2009.01)**
[25] EN
[54] **RF ANTENNA SECTOR MONITORING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE SURVEILLANCE DE SECTEUR D'ANTENNE RF**
[72] SCHIPANI, MATTHEW, US
[71] WATERFORD CONSULTANTS LLC, US
[85] 2019-03-11
[86] 2017-09-15 (PCT/US2017/051802)
[87] (WO2018/053279)
[30] US (62/395,705) 2016-09-16

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[13] A1
[51] **Int.Cl. B65G 15/60 (2006.01)**
[25] EN
[54] **AIR-SUPPORTED BELT CONVEYORS AND SYSTEMS AND METHODS OF USING SAME**
[54] **BANDES TRANSPORTEUSES AUTO-PORTANTES ET SES SYSTEMES ET PROCEDES D'UTILISATION**
[72] WARMOTH, FRANCIS J., US
[72] NILSSON, BENGT AXEL, US
[72] BENNETT, STEVEN B., US
[71] BRUKS ROCKWOOD, LLC, US
[85] 2019-03-11
[86] 2017-09-15 (PCT/US2017/051812)
[87] (WO2018/053285)
[30] US (62/395,816) 2016-09-16

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[13] A1
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 43/12 (2006.01) F16K 17/04 (2006.01)**
[25] EN
[54] **IMPROVED VALVE ASSEMBLY**
[54] **ENSEMBLE CLAPET AMELIORE**
[72] OSBORNE, LAWRENCE, US
[72] PRATHER, JOSHUA TERRY, US
[71] OSBORNE, LAWRENCE, US
[71] PRATHER, JOSHUA TERRY, US
[85] 2019-03-11
[86] 2017-09-22 (PCT/US2017/053060)
[87] (WO2018/063942)
[30] US (62/403,041) 2016-09-30
[30] US (15/703,791) 2017-09-13

[21] **3,036,568**
[13] A1
[51] **Int.Cl. A61K 31/137 (2006.01) C07C 217/84 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING OVARIAN CANCER**
[54] **METHODES DE TRAITEMENT DU CANCER DE L'OVAIRE**
[72] HATTERSLEY, GARY, US
[71] RADIUS HEALTH, INC., US
[85] 2019-03-11
[86] 2017-09-27 (PCT/US2017/053834)
[87] (WO2018/064231)
[30] US (62/400,495) 2016-09-27

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[13] A1
[51] **Int.Cl. A45C 11/00 (2006.01) B65D 81/02 (2006.01)**
[25] EN
[54] **CASE FOR AN ELECTRONIC DEVICE**
[54] **COQUE POUR UN DISPOSITIF ELECTRONIQUE**
[72] ARMSTRONG, STEVEN, US
[71] URBAN ARMOR GEAR, LLC, US
[85] 2019-03-11
[86] 2017-09-15 (PCT/US2017/051855)
[87] (WO2018/053311)
[30] US (62/395,831) 2016-09-16

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[13] A1
[51] **Int.Cl. B60N 2/02 (2006.01) A47C 1/024 (2006.01) B23P 11/00 (2006.01) B64D 11/06 (2006.01)**
[25] EN
[54] **AIRCRAFT PASSENGER SEAT ASSEMBLY INCLUDING A BACKREST TILT APPARATUS**
[54] **ENSEMBLE DE SIEGE PASSAGER D'AERONEF COMPRENANT UN APPAREIL D'INCLINAISON DE DOSSIER**
[72] BEROTH, MICHAEL, US
[71] ROCKWELL COLLINS, INC., US
[85] 2019-03-11
[86] 2017-09-28 (PCT/US2017/053998)
[87] (WO2018/064324)
[30] US (62/401,014) 2016-09-28

[21] **3,036,571**
[13] A1
[51] **Int.Cl. C07D 213/78 (2006.01) C07D 213/79 (2006.01) C07D 401/04 (2006.01)**
[25] EN
[54] **AMELIORATION OF NEURAL DEFICITS ASSOCIATED WITH DIABETES**
[54] **AMELIORATION DE DEFICITS NEURONAUX ASSOCIES AU DIABETE**
[72] JOHE, KARL K., US
[71] NEURALSTEM, INC., US
[85] 2019-03-11
[86] 2017-09-06 (PCT/US2017/050312)
[87] (WO2018/048927)
[30] US (62/393,514) 2016-09-12

[21] **3,036,572**
[13] A1
[51] **Int.Cl. G01N 35/00 (2006.01)**
[25] EN
[54] **INSTRUMENT FOR PROCESSING CARTRIDGE FOR PERFORMING ASSAYS IN A CLOSED SAMPLE PREPARATION AND REACTION SYSTEM**
[54] **INSTRUMENT POUR CARTOUCHE DE TRAITEMENT DESTINE A EFFECTUER DES TESTS DANS UN SYSTEME DE PREPARATION ET DE REACTION D'ECHANTILLON FERME**
[72] NGUYEN, MICHAEL THOMAS, US
[72] FORD, SEAN, US
[72] HANSEN, NIKOLAS JAMES, US
[71] GENMARK DIAGNOSTICS, INC., US
[85] 2019-03-11
[86] 2017-09-19 (PCT/US2017/052248)
[87] (WO2018/053501)
[30] US (62/396,449) 2016-09-19

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-CD27 ANTIBODIES**
[54] **ANTICORPS ANTI-CD27**
[72] BEEBE, AMY M., US
[72] CHEUNG, JASON KA JEN, US
[72] JUAN, VERONICA, US
[72] FAYADAT-DILMAN, LAURENCE, US
[72] SADEKOVA, SVETLANA, US
[72] WONG, JERELYN, US
[72] FISCHMANN, THIERRY OLIVIER, US
[72] PROSISE, WINIFRED W., US
[72] VAN EENENNAAM, HANS, NL
[72] VAN ELSAS, ANDREA, NL
[72] GUELEN, LARS, NL
[71] MERCK SHARP & DOHME CORP., US
[71] MERCK SHARP & DOHME B.V., NL
[85] 2019-03-11
[86] 2017-09-25 (PCT/US2017/053204)
[87] (WO2018/058022)
[30] US (62/399,837) 2016-09-26
[30] US (62/546,214) 2017-08-16

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[13] A1
[51] **Int.Cl. G06F 17/50 (2006.01) G06T 15/06 (2011.01)**
[25] EN
[54] **DETERMINING AND VISUALISING LIGHT AND VISIBILITY IN AN AREA**
[54] **DETERMINATION ET VISUALISATION DE LA LUMIERE ET DE LA VISIBILITE DANS UNE ZONE**
[72] COOREY, BENJAMIN PAUL, AU
[71] THE INSTITUTE OF DIGITAL DESIGN AUSTRALIA PTY LTD, AU
[85] 2019-03-11
[86] 2017-09-07 (PCT/AU2017/050968)
[87] (WO2018/045421)
[30] AU (2016903595) 2016-09-07

[21] **3,036,575**
[13] A1
[51] **Int.Cl. D21C 5/00 (2006.01) D21C 9/00 (2006.01)**
[25] EN
[54] **METHODS OF MODIFYING PULP COMPRISING CELLULASE ENZYMES AND PRODUCTS THEREOF**
[54] **PROCEDES DE MODIFICATION DE PATE COMPRENANT DES ENZYMES CELLULASES ET PRODUITS ASSOCIE**
[72] TAN, ZHENG, US
[72] FOSTER, CHARLES ALBERT, III, US
[72] PELLETIER, JOHN ROSAIRE, US
[71] BASF SE, DE
[85] 2019-03-11
[86] 2017-09-14 (PCT/IB2017/055583)
[87] (WO2018/051275)
[30] US (62/395,698) 2016-09-16

[21] **3,036,576**
[13] A1
[51] **Int.Cl. H04L 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR TRANSMITTING DATA, RECEIVING-END DEVICE, AND TRANSMITTING-END DEVICE**
[54] **PROCEDE DE TRANSMISSION DE DONNEES, DISPOSITIF D'EXTREMITE RECEPTRICE ET DISPOSITIF D'EXTREMITE EMETTRICE**
[72] LIN, YANAN, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-03-11
[86] 2016-10-12 (PCT/CN2016/101942)
[87] (WO2018/068241)

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[13] A1
[51] **Int.Cl. C08F 236/06 (2006.01) C08F 4/70 (2006.01) C08F 136/06 (2006.01) C08F 136/08 (2006.01) C08F 236/08 (2006.01) C08L 9/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING CONJUGATED DIENE (CO)POLYMERS IN THE PRESENCE OF A CATALYTIC SYSTEM COMPRISING A PYRIDYL IRON (III) COMPLEX**
[54] **PROCEDE DE PREPARATION DE (CO) POLYMERES DE DIENE CONJUGUES EN PRESENCE D'UN SYSTEME CATALYTIQUE COMPRENANT UN COMPLEXE PYRIDYLE FER (III)**
[72] RICCI, GIOVANNI, ID
[72] PAMPALONI, GUIDO, ID
[72] SOMMAZZI, ANNA, IT
[72] GUELFI, MASSIMO, ID
[72] MASI, FRANCESCO, ID
[71] VERSALIS S.P.A., IT
[85] 2019-03-11
[86] 2017-10-20 (PCT/IB2017/056525)
[87] (WO2018/073795)
[30] IT (102016000105714) 2016-10-20

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[13] A1
[51] **Int.Cl. C08F 136/06 (2006.01) C08L 9/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF SYNDIOTACTIC 1,2-POLYBUTADIENE IN THE PRESENCE OF A CATALYTIC SYSTEM COMPRISING A PYRIDYL IRON COMPLEX**
[54] **PROCEDE DE PREPARATION D'UN 1,2-POLYBUTADIENE SYNDIOTACTIQUE EN PRESENCE D'UN SYSTEME CATALYTIQUE COMPRENANT UN COMPLEXE PYRIDYLE-FER**
[72] SOMMAZZI, ANNA, IT
[72] PAMPALONI, GUIDO, IT
[72] RICCI, GIOVANNI, IT
[72] MASI, FRANCESCO, IT
[72] LEONE, GIUSEPPE, IT
[71] VERSALIS S.P.A., IT
[85] 2019-03-11
[86] 2017-10-20 (PCT/IB2017/056528)
[87] (WO2018/073798)
[30] IT (102016000105530) 2016-10-20

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[13] A1
[51] **Int.Cl. B65D 71/42 (2006.01) B65B 17/02 (2006.01) B65B 67/00 (2006.01) B65D 71/50 (2006.01)**
[25] EN
[54] **APPLICATOR PLATE, APPARATUS AND METHOD**
[54] **PLAQUE D'APPLICATEUR, APPAREIL ET PROCEDE**
[72] KOOC, LINH L., US
[72] GREY, CASEY P., US
[72] ZACHERLE, MATTHEW E., US
[71] WESTROCK PACKAGING SYSTEMS, LLC, US
[85] 2019-03-11
[86] 2017-09-29 (PCT/US2017/054275)
[87] (WO2018/049429)

[21] **3,036,581**
[13] A1
[51] **Int.Cl. A61N 5/06 (2006.01)**
[25] EN
[54] **PHOTOTHERAPEUTIC SYSTEMS INCLUDING SPREADING AND COLLIMATING FEATURES AND RELATED TECHNOLOGY**
[54] **SYSTEMES DE PHOTOTHERAPIE COMPRENANT DES FONCTIONS D'ETALEMENT ET DE COLLIMATION ET TECHNOLOGIE ASSOCIEE**
[72] MOFFAT, ALEXANDER, US
[72] KIRKWOOD, KEITH, US
[72] STEWART, JEFF, US
[72] ALLISON, JEFF, US
[72] SHAY, BRIAN, US
[72] NESTOROVIC, NED, US
[71] BENESOL, INC., US
[85] 2019-03-11
[86] 2017-09-29 (PCT/US2017/054578)
[87] (WO2018/067411)
[30] US (62/403,590) 2016-10-03

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[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01) G01N 33/74 (2006.01)**
[25] EN
[54] **IN VITRO METHOD FOR DIAGNOSING AT EARLY STAGE INTESTINAL ISCHEMIA**
[54] **PROCEDE IN VITRO POUR DIAGNOSTIQUER AU STADE PRECOCE UNE ISCHEMIE INTESTINALE**
[72] GROBER, JACQUES, FR
[72] LEBRUN, LORENE, FR
[71] UNIVERSITE DE BOURGOGNE, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] INSTITUT NATIONAL SUPERIEUR DES SCIENCES AGRONOMIQUES, DE L'ALIMENTATIONET DE L'ENVIRONMENT, FR
[85] 2019-03-11
[86] 2017-09-19 (PCT/EP2017/073584)
[87] (WO2018/054881)
[30] EP (16306199.7) 2016-09-20
[30] EP (PCT/EP2017/057292) 2017-03-28

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[13] A1
[51] **Int.Cl. B02C 15/08 (2006.01) B02C 15/00 (2006.01) B02C 23/06 (2006.01)**
[25] EN
[54] **PLANETARY ROLLER MILL FOR PROCESSING HIGH MOISTURE FEED MATERIAL**
[54] **BROYEUR A CYLINDRES PLANETAIRES POUR TRAITER UNE MATIERE PREMIERE A HUMIDITE ELEVEE**
[72] CHEN, MICHAEL M., US
[72] CHEN, JIANRONG, US
[72] HOAG, JAMES R., US
[72] PODMOKLY, DAVID M., US
[71] RAYMOND BARTLETT SNOW LLC, US
[85] 2019-03-11
[86] 2017-10-02 (PCT/US2017/054731)
[87] (WO2018/067444)
[30] US (PCT/US16/55118) 2016-10-03

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[13] A1
[51] **Int.Cl. C01G 1/02 (2006.01) A61K 49/06 (2006.01) B03D 3/06 (2006.01) C01G 49/02 (2006.01)**
[25] EN
[54] **A METHOD OF PURIFYING METAL OXIDE PARTICLES AND USES THEREOF**
[54] **PROCEDE DE PURIFICATION DE PARTICULES D'OXYDE METALLIQUE ET LEURS UTILISATIONS**
[72] ANDERSON, AMANDA, AU
[72] BANSAL, VIPUL, AU
[72] CAMPBELL, JOS LAURIE, US
[72] RAMANATHAN, RAJESH, AU
[72] ARORA, JYOTI, AU
[72] SHUKLA, RAVI, AU
[71] ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY, AU
[85] 2019-03-12
[86] 2017-09-08 (PCT/AU2017/050981)
[87] (WO2018/049468)
[30] AU (2016903721) 2016-09-15

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[13] A1
[51] **Int.Cl. A61K 47/44 (2017.01) A61K 9/00 (2006.01) A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 31/05 (2006.01) A61K 31/352 (2006.01) A61K 36/185 (2006.01) A61K 47/10 (2017.01) A61K 47/24 (2006.01) A61K 47/40 (2006.01) C07C 39/23 (2006.01) C07D 311/80 (2006.01)**
[25] EN
[54] **SUSTAINED RELEASE CANNABINOID FORMULATIONS**
[54] **FORMULATIONS DE CANNABINOIDES A LIBERATION PROLONGEE**
[72] RENWICK, JEFF, CA
[72] LEFLER, ROBERT SCOTT, CA
[71] CANNTAB THERAPEUTICS LIMITED, CA
[85] 2019-03-12
[86] 2017-09-27 (PCT/CA2017/000211)
[87] (WO2018/058235)
[30] US (62/400,216) 2016-09-27
[30] US (62/449,377) 2017-01-23
[30] US (62/551,924) 2017-08-30

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[13] A1
[51] **Int.Cl. C08L 23/22 (2006.01) C08F 2/00 (2006.01)**
[25] EN
[54] **MULTI-MODAL POLYISOOLEFIN COMPOSITIONS AND PROCESSES THEREFOR**
[54] **COMPOSITIONS DE POLYISOOLEFINE MULTIMODALES ET PROCEDES ASSOCIES**
[72] GUO, SHARON, CA
[72] DAVIDSON, GREGORY J. E., CA
[72] BINDER, BRIANNA, CA
[71] ARLANXEO CANADA INC., CA
[85] 2019-03-12
[86] 2017-09-28 (PCT/CA2017/051149)
[87] (WO2018/058245)
[30] EP (16191508.7) 2016-09-29

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[13] A1
[51] **Int.Cl. C07D 233/64 (2006.01) A61K 31/4174 (2006.01) A61K 31/4439 (2006.01) A61P 35/00 (2006.01) C07D 401/04 (2006.01)**
[25] EN
[54] **CRYSTALLINE AND SALT FORMS OF PPAR AGONIST COMPOUNDS**
[54] **FORMES CRISTALLINES ET SALINES DE COMPOSES AGONISTES DE PPAR**
[72] LAGU, BHARAT, US
[72] TRZASKA, SCOTT, US
[71] MITOBRIDGE, INC., US
[85] 2019-03-11
[86] 2017-10-05 (PCT/US2017/055403)
[87] (WO2018/067860)
[30] US (62/404,474) 2016-10-05

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[13] A1
[51] **Int.Cl. F16L 17/02 (2006.01) F16L 37/092 (2006.01)**
[25] EN
[54] **RESTRAINED GASKET FOR PLASTIC PIPES**
[54] **JOINT D'ETANCHEITE RETENU POUR TUYAUX EN PLASTIQUE**
[72] COPELAND, DANIEL A., US
[72] KEEL, MICHAEL C., US
[71] MCWANE, INC., US
[85] 2019-03-11
[86] 2017-10-25 (PCT/US2017/058286)
[87] (WO2018/093542)
[30] US (15/683,057) 2017-08-22

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[13] A1
[51] **Int.Cl. C02F 1/469 (2006.01) C02F 1/46 (2006.01) E21B 43/40 (2006.01) C02F 1/42 (2006.01)**
[25] EN
[54] **CONTROLLED PRODUCED WATER DESALINATION FOR ENHANCED HYDROCARBON RECOVERY**
[54] **DESSALEMENT COMMANDE D'EAU PRODUITE POUR UNE MEILLEURE RECUPERATION DES HYDROCARBURES**
[72] YIN, XIANGCHUN, CA
[72] SPARROW, BENJAMIN, CA
[72] MAN, MALCOLM, CA
[71] SALTWORKS TECHNOLOGIES INC., CA
[85] 2019-03-12
[86] 2017-10-26 (PCT/CA2017/051278)
[87] (WO2018/076115)
[30] US (62/412,990) 2016-10-26

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[13] A1
[51] **Int.Cl. C07F 7/18 (2006.01) C08K 5/5419 (2006.01)**
[25] EN
[54] **SILANES AND CURABLE COMPOSITIONS COMPRISING SAID SILANES**
[54] **SILANES ET COMPOSITIONS DURCISSABLES COMPRENANT LESDITS SILANES**
[72] MEJIA, ESTEBAN, DE
[72] WANG, DENGXU, DE
[72] KRAGL, UDO, DE
[72] GUTACKER, ANDREA, DE
[72] HEMERY, THERESE, DE
[72] DURACU, ADRIAN, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2019-03-12
[86] 2017-09-06 (PCT/EP2017/072298)
[87] (WO2018/050503)
[30] EP (16188603.1) 2016-09-13

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[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01) A61K 47/68 (2017.01) A61K 39/395 (2006.01) C07K 14/705 (2006.01) C07K 16/46 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) G01N 33/577 (2006.01)**
[25] EN
[54] **ANTIBODIES TO HUMAN ALPHA-SYNUCLEIN**
[54] **ANTICORPS DIRIGES CONTRE L'ALPHA-SYNUCLEINE HUMAINE**
[72] MARTINEZ, TERINA N., US
[72] DAVE, KULDIP D., US
[72] DAS, SONAL, US
[71] THE MICHAEL J. FOX FOUNDATION FOR PARKINSON'S RESEARCH, US
[85] 2019-03-11
[86] 2017-12-07 (PCT/US2017/065035)
[87] (WO2018/111670)
[30] US (62/432,761) 2016-12-12

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[13] A1
[51] **Int.Cl. F28D 9/00 (2006.01) F28F 3/04 (2006.01) F28F 21/08 (2006.01)**
[25] EN
[54] **TITANIUM PLATE HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR A PLAQUES EN TITANE**
[72] SJODIN, PER, SE
[72] NILSSON, MATS, SE
[71] ALFA LAVAL CORPORATE AB, SE
[85] 2019-03-12
[86] 2017-09-11 (PCT/EP2017/072679)
[87] (WO2018/065170)
[30] SE (1651317-8) 2016-10-07

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[13] A1
[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/415 (2006.01) A61K 31/4155 (2006.01) A61K 31/454 (2006.01) A61P 35/00 (2006.01) C07D 231/14 (2006.01) C07D 401/04 (2006.01) C07D 401/06 (2006.01) C07D 403/06 (2006.01)**
[25] EN
[54] **ALKYNYL-SUBSTITUTED HETEROCYCLIC COMPOUND, PREPARATION METHOD THEREFOR AND MEDICAL USE THEREOF**
[54] **COMPOSE HETEROCYCLIQUE SUBSTITUE PAR UN ALCYNYLE, SON PROCEDE DE PREPARATION ET SON UTILISATION MEDICALE**
[72] CHEN, XIANGYANG, CN
[72] GAO, YINGXIANG, CN
[72] KONG, NORMAN XIANGLONG, CN
[71] BEIJING INNOCARE PHARMA TECH CO., LTD., CN
[85] 2019-03-12
[86] 2017-01-25 (PCT/CN2017/072570)
[87] (WO2018/049781)
[30] CN (201610833890.3) 2016-09-19

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[13] A1
[51] **Int.Cl. B01J 19/00 (2006.01) F01N 9/00 (2006.01) G01M 15/04 (2006.01)**
[25] EN
[54] **TEST SYSTEM WITH RECIRCULATING FLUID REACTOR**
[54] **SYSTEME DE TEST AVEC REACTEUR A FLUIDE DE RECIRCULATION**
[72] WOODS, ANDREW, GB
[72] STEWART, JONATHAN, GB
[72] O'SHAUGHNESSY, RICHARD, GB
[72] STALKER, ROSE MARY, GB
[71] CATAGEN LIMITED, GB
[85] 2019-03-12
[86] 2017-09-12 (PCT/EP2017/072946)
[87] (WO2018/050661)
[30] GB (1615561.6) 2016-09-13

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/68 (2017.01)**
[25] EN
[54] **ANTI-C-MET ANTIBODIES AND ANTIBODY DRUG CONJUGATES THEREOF FOR EFFICIENT TUMOR INHIBITION**
[54] **ANTICORPS ANTI-C-MET ET CONJUGUES MEDICAMENT-ANTICORPS DE CEUX-CI POUR UNE INHIBITION EFFICACE DES TUMEURS**
[72] DOERNER, ACHIM, DE
[72] TOLEIKIS, LARS, DE
[72] PIATER, BIRGIT, DE
[72] RHIEL, LAURA, DE
[72] KNUEHL, CHRISTINE, DE
[72] SELLMANN, CAROLIN, DE
[72] KRAH, SIMON, DE
[71] MERCK PATENT GMBH, DE
[85] 2019-03-12
[86] 2017-09-14 (PCT/EP2017/073106)
[87] (WO2018/050733)
[30] EP (16188857.3) 2016-09-14

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[13] A1
[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/7032 (2006.01) A61K 31/704 (2006.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATIONS INCLUDING ABX196 FOR THE TREATMENT OF CANCER**
[54] **COMBINAISONS CONTENANT ABX196 POUR LE TRAITEMENT DU CANCER**
[72] CRABE, SANDRINE, FR
[72] SCHERRER, DIDIER, FR
[72] EHRLICH, HARTMUT, FR
[72] POULETTY, PHILIPPE, FR
[71] ABIVAX, FR
[85] 2019-03-12
[86] 2017-09-14 (PCT/EP2017/073202)
[87] (WO2018/050782)
[30] EP (16306169.0) 2016-09-14

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[13] A1
[51] **Int.Cl. D21D 1/00 (2006.01) D21C 3/00 (2006.01) D21C 9/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING CELLULOSE FILAMENTS WITH LESS REFINING ENERGY**
[54] **PROCEDE DE PRODUCTION DE FILAMENTS DE CELLULOSE PRESENTANT MOINS D'ENERGIE DE RAFFINAGE**
[72] HUA, XUJUN, CA
[72] NJAMEN TCHAPDA, GUY ROGER, CA
[72] OWSTON, TOM, CA
[72] NEAULT, PATRICK, CA
[72] HU, THOMAS, CA
[72] BEN, YUXIA, CA
[71] FPINNOVATIONS, CA
[85] 2019-03-12
[86] 2017-09-13 (PCT/CA2017/051073)
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[30] US (62/394,433) 2016-09-14

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[25] EN
[54] **HYBRID COMPOSITE**
[54] **COMPOSITE HYBRIDE**
[72] CALLENS, MICHAEL G., BE
[72] DE GREEF, NIELS, BE
[71] REIN4CED NV, BE
[85] 2019-03-12
[86] 2017-09-15 (PCT/EP2017/073375)
[87] (WO2018/050875)
[30] BE (BE2016/5696) 2016-09-15

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[51] **Int.Cl. C12N 15/11 (2006.01) A01N 25/28 (2006.01) A01N 63/02 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO GENE SILENCING**
[54] **PERFECTIONNEMENTS APPORTES OU SE RAPPORTANT A L'EXTINCTION GENIQUE**
[72] FOWLER, JEFFREY DAVID, US
[72] JHURRY, NEMA DEVI, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2019-03-12
[86] 2017-09-19 (PCT/EP2017/073601)
[87] (WO2018/065206)
[30] US (62/404,245) 2016-10-05

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[51] **Int.Cl. B62B 5/08 (2006.01) B62B 9/28 (2006.01)**
[25] FR
[54] **PUSHCHAIR ACCESSORY, AND A TRANSPORT ASSEMBLY COMPRISING A PUSHCHAIR AND SUCH AN ACCESSORY**
[54] **ACCESSOIRE POUR POUSSETTE, AINSI QU'ENSEMBLE DE TRANSPORT COMPRENANT UNE POUSSETTE ET UN TEL ACCESSOIRE**
[72] CHAUDEURGE, JEAN-MICHEL, FR
[71] BABYZEN, FR
[85] 2019-03-12
[86] 2017-06-19 (PCT/EP2017/064956)
[87] (WO2018/050303)
[30] FR (1658570) 2016-09-14

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[51] **Int.Cl. B23K 1/00 (2006.01) B23K 3/06 (2006.01) F04B 43/00 (2006.01) F04B 43/12 (2006.01) H05K 3/34 (2006.01)**
[25] EN
[54] **DEVICE ADAPTED TO DOSING PASTY SUBSTANCES**
[54] **DISPOSITIF ADAPTE AU DOSAGE DE SUBSTANCES PATEUSES**
[72] REGA VILLAR, DELFIN, ES
[72] RODRIGUEZ DIAZ, JOSE LUIS, ES
[72] AIRA GARCIA, JOSE JULIO, ES
[72] STEINBRUGGEN CAYO, SERGIO, ES
[72] GONZALEZ VAZQUEZ, CASTOR, ES
[71] UNIMATE ROBOTICA, S.L., ES
[71] AUTOMATISMOS RODAIRA, S.L., ES
[71] VELOX SOLUTIO, S.L., ES
[85] 2019-03-12
[86] 2017-09-12 (PCT/EP2017/072816)
[87] (WO2018/050614)
[30] EP (16382421.2) 2016-09-13

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[13] A1
[51] **Int.Cl. B41F 17/00 (2006.01) B41F 33/02 (2006.01) G06F 3/01 (2006.01)**
[25] EN
[54] **DEVICE FOR FIXING A CLAMPING FRAME TO AN OBJECT OR FIXING ITS ORIENTATION RELATIVE TO A MOTIF TO BE APPLIED TO THE OBJECT**
[54] **DISPOSITIF DE FIXATION D'UN CADRE DE SERRAGE A UN OBJET OU SON ORIENTATION PAR RAPPORT A UN MOTIF A APPLIQUER SUR L'OBJET**
[72] DREES, THOMAS, DE
[72] BUSCHE, MARK, DE
[71] SMAKE GMBH, DE
[85] 2019-03-12
[86] 2017-09-12 (PCT/EP2017/072829)
[87] (WO2018/050620)
[30] DE (10 2016 117 249.9) 2016-09-14

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[13] A1
[51] **Int.Cl. A61K 45/00 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **INHIBITORS OF GPR132 FOR USE IN PREVENTING AND/OR TREATING CHEMOTHERAPY-INDUCED NEUROPATHIC PAIN**
[54] **INHIBITEURS DE GPR132 UTILISABLES DANS LA PREVENTION ET/OU LE TRAITEMENT DE LA DOULEUR NEUROPATHIQUE INDUITE PAR LA CHIMIOTHERAPIE**
[72] SCHIFFMANN, SUSANNE, DE
[72] SCHOLICH, KLAUS, DE
[72] GEISSLINGER, GERD, DE
[72] HOHMANN, STEPHAN, DE
[72] SISIGNANO, MARCO, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2019-03-12
[86] 2017-09-22 (PCT/EP2017/074020)
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[51] **Int.Cl. B62J 11/00 (2006.01)**
[25] EN
[54] **CLOSURE DEVICE FOR CONNECTING A CONTAINER E.G. TO A BICYCLE**
[54] **DISPOSITIF DE FERMETURE PERMETTANT DE RACCORDER UN RECIPIENT A, PAR EXEMPLE UNE BICYCLETTE**
[72] FIEDLER, JOACHIM, DE
[72] BOTKUS, BREIDO, DE
[72] RICHTER, FRIEDEMANN, DE
[72] SPINDLER, JURGEN, DE
[71] FIDLOCK GMBH, DE
[85] 2019-03-12
[86] 2017-08-24 (PCT/EP2017/071349)
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[30] DE (10 2016 216 422.8) 2016-08-31

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[51] **Int.Cl. B81B 3/00 (2006.01) G02B 26/08 (2006.01)**
[25] EN
[54] **MICROMECHANICAL COMPONENT, AND METHOD FOR PRODUCING A MICROMECHANICAL COMPONENT**
[54] **COMPOSANT MICROMECANIQUE ET PROCEDE DE FABRICATION D'UN COMPOSANT MICROMECANIQUE**
[72] STRAUB, RAINER, DE
[72] FINN, ANDREAS, DE
[72] NJIKAM NJIMONZIE, FREDERIC, DE
[72] MUCHOW, JOERG, DE
[72] GRUTZECK, HELMUT, DE
[71] ROBERT BOSCH GMBH, DE
[85] 2019-03-12
[86] 2017-09-25 (PCT/EP2017/074171)
[87] (WO2018/072973)
[30] DE (10 2016 220 514.5) 2016-10-19

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[13] A1
[51] **Int.Cl. A01N 63/02 (2006.01) C12N 15/113 (2010.01) C12N 15/10 (2006.01)**
[25] EN
[54] **METHODS OF PRESERVING THE BIOLOGICAL ACTIVITY OF RIBONUCLEIC ACIDS**
[54] **PROCEDES DE CONSERVATION DE L'ACTIVITE BIOLOGIQUE D'ACIDES RIBONUCLEIQUES**
[72] FELDMANN, PASCALE, BE
[72] FOWLER, JEFFREY DAVID, US
[72] JHURRY, NEMA DEVI, US
[72] MAILLET, ISABELLE, BE
[72] OMEDES PUJOL, MARTA, GB
[71] SYNGENTA PARTICIPATIONS AG, CH
[71] DEVGEN NV, BE
[85] 2019-03-12
[86] 2017-09-28 (PCT/EP2017/074697)
[87] (WO2018/065303)
[30] US (62/404,249) 2016-10-05

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[51] **Int.Cl. C07D 307/68 (2006.01) C08G 63/181 (2006.01) C08G 63/78 (2006.01) C08G 63/90 (2006.01) C08G 63/91 (2006.01)**
[25] EN
[54] **A PROCESS TO PREPARE A POLYESTER POLYMER AND A POLYESTER POLYMER OBTAINABLE THEREBY**
[54] **PROCEDE DE PREPARATION D'UN POLYMERE DE POLYESTER ET POLYMERE DE POLYESTER POUVANT ETRE OBTENU PAR CE PROCEDE**
[72] COSTA, LIBORIO IVANO, CH
[72] FLECKENSTEIN, PETER JOACHIM, CH
[72] ROSENBOOM, JAN-GEORG, CH
[72] STORTI, GIUSEPPE, CH
[72] MORBIDELLI, MASSIMO, CH
[71] SULZER CHEMTECH AG, CH
[85] 2019-03-12
[86] 2017-09-27 (PCT/EP2017/074485)
[87] (WO2018/060241)
[30] EP (16191553.3) 2016-09-29
[30] EP (17167599.4) 2017-04-21
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[51] **Int.Cl. G01N 1/18 (2006.01) B01D 29/52 (2006.01) G01N 1/20 (2006.01) A61F 7/12 (2006.01) A61M 1/36 (2006.01) B01L 3/02 (2006.01) G01N 1/40 (2006.01)**
[25] EN
[54] **FILTRATION APPARATUS**
[54] **APPAREIL DE FILTRATION**
[72] ALBALAT, ALBERTO MARTINEZ, ES
[71] BIOSURGICAL S.L, ES
[85] 2019-03-12
[86] 2017-11-10 (PCT/EP2017/078951)
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[30] GB (1619165.2) 2016-11-11

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[25] EN
[54] **METHOD FOR RECOVERING PRECIOUS METAL**
[54] **PROCEDE DE RECUPERATION DE METAL PRECIEUX**
[72] JANSSON, KAJ, FI
[72] RUONALA, MIKKO (DECEASED), FI
[72] KOTIRANTA, TUUKKA, FI
[71] OUTOTEC (FINLAND) OY, FI
[85] 2019-03-12
[86] 2016-09-14 (PCT/FI2016/050639)
[87] (WO2018/050950)

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[51] **Int.Cl. A61K 31/439 (2006.01) A61K 9/00 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE**
[72] CORR, STUART, GB
[72] NOAKES, TIMOTHY JAMES, GB
[71] MEXICHEM FLUOR S.A. DE C.V., MX
[85] 2019-03-12
[86] 2017-09-18 (PCT/GB2017/052763)
[87] (WO2018/051132)
[30] GB (1615912.1) 2016-09-19
[30] GB (1620513.0) 2016-12-02

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[13] A1
[51] **Int.Cl. G01N 21/90 (2006.01)**
[25] EN
[54] **INSPECTION DEVICE AND METHOD FOR PARISONS AND MACHINE FOR MAKING PARISONS COMPRISING THE DEVICE**
[54] **DISPOSITIF ET PROCEDE D'INSPECTION DE PARAISONS ET MACHINE DE FABRICATION DE PARAISONS COMPRENANT LE DISPOSITIF**
[72] LAICO, DONATO, IT
[72] BERTUOL, ARNALDO, IT
[72] MARASTONI, DANIELE, IT
[71] SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA, IT
[85] 2019-03-12
[86] 2017-09-12 (PCT/IB2017/055481)
[87] (WO2018/051227)
[30] IT (102016000092208) 2016-09-13

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[13] A1
[51] **Int.Cl. A61K 47/32 (2006.01) A61K 31/385 (2006.01) C07D 409/04 (2006.01)**
[25] EN
[54] **FORMULATIONS OF 4-METHYL-5-(PYRAZIN-2-YL)-3H-1,2-DITHIOLE-3-THIONE, TASTE-MODIFIED FORMULATIONS, AND METHODS OF MAKING AND USING SAME**
[54] **FORMULATIONS DE 4-METHYL-5-(PYRAZIN-2-YL)-3H-1,2-DITHIOLE-3-THIONE, FORMULATIONS A GOUT MODIFIE, ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] GARLAND, ANTHONY CHRIS, US
[72] BORMANN-KENNEDY, BARBARA-JEAN ANNE, US
[72] FRAMROZE, BOMI, IN
[72] BERNER, BRET, US
[72] GRASS, MICHAEL EDWARD, US
[72] JAGER, CASEY KEITH, US
[72] BLOOM, COREY JAY, US
[72] KASTANTIN, MARK JOSEPH, US
[72] BACHELARD, ROMAIN, FR
[71] ST IP HOLDING AG, CH
[85] 2019-03-12
[86] 2017-09-12 (PCT/IB2017/001231)
[87] (WO2018/047002)
[30] IN (201611031046) 2016-09-12
[30] IN (201611031045) 2016-09-12
[30] US (62/412,701) 2016-10-25

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[51] **Int.Cl. A61M 11/00 (2006.01) A61M 99/00 (2012.01) A61K 9/72 (2006.01) A61M 15/00 (2006.01)**
[25] EN
[54] **SMART NEBULIZER**
[54] **NEBULISEUR INTELLIGENT**
[72] COSTELLA, STEPHEN, CA
[72] KILROY, LUKE, CA
[72] KIRCHNER, ALANNA, CA
[72] MORTON, ROBERT, CA
[72] SCHMIDT, JAMES, CA
[72] DITTMER, ANDREW, CA
[71] TRUDELL MEDICAL INTERNATIONAL, CA
[85] 2019-03-12
[86] 2017-09-15 (PCT/IB2017/055603)
[87] (WO2018/104805)
[30] US (62/432,304) 2016-12-09

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[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01) A61P 25/06 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **TREATING REFRACTORY MIGRAINE**
[54] **TRAITEMENT DE LA MIGRAINE REFRACTAIRE**
[72] BIGAL, MARCELO, US
[72] AYCARDI, ERNESTO, US
[71] TEVA PHARMACEUTICALS INTERNATIONAL GMBH, CH
[85] 2019-03-12
[86] 2017-09-22 (PCT/IB2017/055777)
[87] (WO2018/055574)
[30] US (62/399,180) 2016-09-23
[30] US (62/558,557) 2017-09-14

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[13] A1
[51] **Int.Cl. F17C 1/16 (2006.01) B29C 45/00 (2006.01) B29C 45/26 (2006.01)**
[25] EN
[54] **HOLLOW MOLDED ARTICLE AND METHOD OF PRODUCING THE SAME**
[54] **ARTICLE MOULE CREUX ET PROCEDE DE FABRICATION D'UN ARTICLE MOULE CREUX**
[72] OCHIAI, SHINICHIRO, JP
[72] SUZUKI, SHOTA, JP
[72] KOBAYASHI, SADAYUKI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2019-03-12
[86] 2017-08-21 (PCT/JP2017/029789)
[87] (WO2018/051733)
[30] JP (2016-178368) 2016-09-13
[30] JP (2016-178369) 2016-09-13
[30] JP (2016-178370) 2016-09-13
[30] JP (2017-056923) 2017-03-23

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[13] A1
[51] **Int.Cl. A61M 16/06 (2006.01)**
[25] EN
[54] **PATIENT INTERFACES**
[54] **INTERFACES PATIENT**
[72] PATEL, ROHEET, NZ
[72] COX, MICHAEL JOHN HENRI, NZ
[72] BETTERIDGE, MAX LEON, NZ
[72] WALLS, BRUCE MICHAEL, NZ
[72] LEAHY, RONAN, NZ
[72] PEDERSEN, MATTHEW JAMES, NZ
[72] LIM, JAE YUN, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2019-03-12
[86] 2017-10-05 (PCT/IB2017/056136)
[87] (WO2018/065926)
[30] US (62/404,341) 2016-10-05
[30] US (62/413,280) 2016-10-26
[30] US (62/413,604) 2016-10-27

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[13] A1
[51] **Int.Cl. C07C 1/04 (2006.01) C07C 1/12 (2006.01) C07C 2/00 (2006.01) C10G 50/00 (2006.01)**
[25] EN
[54] **NOVEL, HIGHLY EFFICIENT, ECO-FRIENDLY PROCESSES FOR CONVERTING CO2 OR CO-RICH STREAMS TO LIQUID FUELS AND CHEMICALS**
[54] **NOUVEAUX PROCEDES RESPECTUEUX DE L'ENVIRONNEMENT HAUTEMENT EFFICACES PERMETTANT DE CONVERTIR DES FLUX RICHES EN CO2 OU EN CO EN COMBUSTIBLES LIQUIDES ET EN PRODUITS CHIMIQUES**
[72] HERSKOWITZ, MORDECHAY, IL
[72] HOS, TOMY, IL
[71] B.G. NEGEV TECHNOLOGIES AND APPLICATIONS LTD., AT BEN-GURION UNIVERSITY, IL
[85] 2019-03-12
[86] 2017-09-10 (PCT/IL2017/051013)
[87] (WO2018/051334)
[30] US (62/396,234) 2016-09-19
[30] US (62/470,903) 2017-03-14

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **SMOKING DEVICE**
[54] **DISPOSITIF POUR FUMER**
[72] RAICHMAN, YOSSEF, IL
[71] ALTRIA CLIENT SERVICES LLC, US
[85] 2019-03-12
[86] 2017-09-14 (PCT/IL2017/051041)
[87] (WO2018/051346)
[30] US (62/394,243) 2016-09-14
[30] US (62/453,544) 2017-02-02
[30] US (62/500,509) 2017-05-03
[30] US (62/525,773) 2017-06-28

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[13] A1
[51] **Int.Cl. H02P 9/04 (2006.01)**
[25] EN
[54] **HYDROELECTRIC POWER GENERATION SYSTEM**
[54] **SYSTEME DE GENERATION D'ENERGIE HYDROELECTRIQUE**
[72] ABE, TAKAHIRO, JP
[72] SUHARA, ATSUSHI, JP
[72] YOKOYAMA, TAKAHIRO, JP
[71] DAIKIN INDUSTRIES, LTD., JP
[85] 2019-03-12
[86] 2017-09-11 (PCT/JP2017/032620)
[87] (WO2018/056088)
[30] JP (2016-182609) 2016-09-20

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[13] A1
[51] **Int.Cl. A62C 99/00 (2010.01) B63B 35/44 (2006.01) E02B 17/00 (2006.01) E21B 35/00 (2006.01)**
[25] EN
[54] **OPTIMISING FIRE PROTECTION FOR AN OFFSHORE PLATFORM**
[54] **OPTIMISATION DE PROTECTION CONTRE L'INCENDIE POUR PLATE-FORME OFFSHORE**
[72] KROGER, DAGFINN, NO
[72] SOLBERG, BJARNE ALEXANDER, NO
[71] EQUINOR ENERGY AS, NO
[85] 2019-03-12
[86] 2017-09-15 (PCT/NO2017/050230)
[87] (WO2018/052314)
[30] GB (1615681.2) 2016-09-15

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[13] A1
[51] **Int.Cl. A01G 23/083 (2006.01) B27B 33/14 (2006.01) B27G 19/00 (2006.01)**
[25] EN
[54] **SAW APPARATUS WITH CHAIN RETENTION**
[54] **APPAREIL DE SCIAGE AVEC RETENUE DE CHAINE**
[72] BLEVENS, ROBERT, NZ
[72] SWINYARD, DOUGLAS CRAIG, NZ
[72] WATERHOUSE, PHILIP, NZ
[71] DEERE & COMPANY, US
[85] 2019-03-12
[86] 2017-09-21 (PCT/NZ2017/050123)
[87] (WO2018/056842)
[30] NZ (724576) 2016-09-21
[30] NZ (730069) 2017-03-14
[30] FI (20175449) 2017-05-18

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[13] A1
[51] **Int.Cl. C07D 401/06 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING (R)-5-(3,4-DIFLUOROPHENYL)-5-[(3-METHYL-2-OXOPYRIDIN-1(2H)-YL)METHYL]IMIDAZOLIDIN-2,4-DIONE AND INTERMEDIATE FOR PRODUCING SAME**
[54] **PROCEDE DE PRODUCTION DE (R)-5-(3,4-DIFLUOROPHENYL)-5-[(3-METHYL-2-OXOPYRIDIN -1 (2H)-YL) METHYL] IMIDAZOLIDINE -2,4-DIONE ET INTERMEDIAIRE POUR SA PRODUCTION**
[72] SUMIKAWA, YOSHITAKE, JP
[72] KAMEI, NORIYUKI, JP
[72] TODO, SHINGO, JP
[71] KAKEN PHARMACEUTICAL CO., LTD., JP
[85] 2019-03-12
[86] 2017-09-21 (PCT/JP2017/034151)
[87] (WO2018/056373)
[30] JP (2016-185325) 2016-09-23

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **CMET MONOCLONAL BINDING AGENTS, DRUG CONJUGATES THEREOF AND USES THEREOF**
[54] **AGENTS DE LIAISON MONOCLONAUX CMET, LEURS CONJUGUES MEDICAMENTEUX ET LEURS UTILISATIONS**
[72] CORONELLA, JULIA, US
[72] BLOT, VINCENT, US
[72] GYMNOPOULOS, MARCO, US
[72] TIMMER, ANJULI, US
[72] FUJITA, RYO, JP
[72] NEWMAN, ROLAND, US
[71] MITSUBISHI TANABE PHARMA CORPORATION, JP
[85] 2019-03-12
[86] 2017-09-28 (PCT/JP2017/035259)
[87] (WO2018/062402)
[30] US (62/401,428) 2016-09-29

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[13] A1
[51] **Int.Cl. B66F 11/04 (2006.01) B60Q 1/50 (2006.01)**
[25] FR
[54] **VISUAL ASSISTANCE TO THE ON-GROUND MOVEMENT OF A LIFTING PLATFORM**
[54] **ASSISTANCE VISUELLE AU DEPLACEMENT AU SOL D'UNE NACELLE ELEVATRICE**
[72] LUMINET, PHILIPPE, FR
[72] DITTUS, SEBASTIAN, FR
[72] VIAOUET, CLEMENT, FR
[71] HAULOTTE GROUP, FR
[85] 2019-03-12
[86] 2017-07-04 (PCT/FR2017/051818)
[87] (WO2018/055246)
[30] FR (1658887) 2016-09-21

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[13] A1
[51] **Int.Cl. C02F 1/44 (2006.01) C08K 5/17 (2006.01)**
[25] EN
[54] **A THERMO-RESPONSIVE SOLUTION, AND METHOD OF USE THEREFOR**
[54] **SOLUTION THERMOSENSIBLE ET SON PROCEDE D'UTILISATION**
[72] BRIGGS, DARYL JOSEPH, NZ
[71] AQUAFORTUS TECHNOLOGIES LIMITED, NZ
[85] 2019-03-12
[86] 2017-10-04 (PCT/NZ2017/050127)
[87] (WO2018/067019)
[30] US (62/404,009) 2016-10-04

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/14 (2006.01) A61K 9/16 (2006.01)**
[25] EN
[54] **SOLID COMPOSITION FOR QUICK INGESTION WITH FACILITATED SWALLOWING, IN THE FORM OF SOLID, NON-AGGLOMERATED PARTICLES, COMPRISING TWO DIFFERENT TYPES OF PARTICLES**
[54] **COMPOSITION SOLIDE A INGESTION RAPIDE ET DEGLUTITION FACILITEE, SOUS FORME DE PARTICULES SOLIDES NON AGGLOMEREES, COMPRENANT DEUX DIFFERENTS TYPES DE PARTICULES**
[72] POUGNAS, JEAN-LUC, FR
[71] UNITHER PHARMACEUTICALS, FR
[85] 2019-03-12
[86] 2017-09-15 (PCT/FR2017/052476)
[87] (WO2018/051039)
[30] FR (1658666) 2016-09-15

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[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **ERGONOMIC BEVERAGE DISCHARGE DISPOSITION, BEVERAGE PREPARATION MACHINE WITH SAID BEVERAGE DISCHARGE DISPOSITION AND PROCESS OF OPERATION OF SAID MACHINE**
[54] **AGENCEMENT DE DISTRIBUTION DE BOISSONS ERGONOMIQUE, MACHINE DE PREPARATION DE BOISSONS COMPRENANT LEDIT AGENCEMENT DE DISTRIBUTION DE BOISSONS, ET PROCEDE DE FONCTIONNEMENT DE LADITE MACHINE**
[72] NABEIRO, RUI MIGUEL, PT
[72] DE FIGUEIREDO BRANCO, JOAO ANDRE, PT
[71] NOVADELTA - COMERCIO E INDUSTRIA DE CAFES, S.A., PT
[85] 2019-03-12
[86] 2017-09-12 (PCT/PT2017/050019)
[87] (WO2018/052328)
[30] PT (109610) 2016-09-13

[21] **3,036,648**
[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **COMPACT BEVERAGE DISCHARGE DISPOSITION AND BEVERAGE PREPARATION MACHINE WITH SAID BEVERAGE DISCHARGE DISPOSITION**
[54] **AGENCEMENT DE DISTRIBUTION DE BOISSONS COMPACT ET MACHINE DE PREPARATION DE BOISSONS COMPRENANT LEDIT AGENCEMENT DE DISTRIBUTION DE BOISSONS**
[72] NABEIRO, RUI MIGUEL, PT
[72] DE FIGUEIREDO BRANCO, JOAO ANDRE, PT
[71] NOVADELTA - COMERCIO E INDUSTRIA DE CAFES, S.A., PT
[85] 2019-03-12
[86] 2017-09-12 (PCT/PT2017/050020)
[87] (WO2018/052329)
[30] PT (109611) 2016-09-13

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[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **REGULABLE BEVERAGE DISCHARGE DISPOSITION, BEVERAGE PREPARATION MACHINE WITH SAID BEVERAGE DISCHARGE DISPOSITION AND PROCESS OF OPERATION OF SAID MACHINE**
[54] **AGENCEMENT DE DISTRIBUTION DE BOISSONS REGLABLE, MACHINE DE PREPARATION DE BOISSONS COMPRENANT LEDIT AGENCEMENT DE DISTRIBUTION DE BOISSONS, ET PROCEDE DE FONCTIONNEMENT DE LADITEMACHINE**
[72] NABEIRO, RUI MIGUEL, PT
[72] DE FIGUEIREDO BRANCO, JOAO ANDRE, PT
[71] NOVADELTA - COMERCIO E INDUSTRIA DE CAFES, S.A., PT
[85] 2019-03-12
[86] 2017-09-12 (PCT/PT2017/050021)
[87] (WO2018/052330)
[30] PT (109612) 2016-09-13

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[13] A1
[51] **Int.Cl. C07D 487/14 (2006.01) A61K 31/4188 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **DOPAMINE-B-HYDROXYLASE INHIBITORS**
[54] **INHIBITEURS DE LA DOPAMINE-B-HYDROXYLASE**
[72] SOARES DA SILVA, PATRICIO, PT
[72] ROSSI, TINO, PT
[72] KISS, LASZLO ERNO, PT
[72] BELIAEV, ALEXANDER, PT
[72] LEAL PALMA, PEDRO NUNO, PT
[71] BIAL - PORTELA & CA, S.A., PT
[85] 2019-03-12
[86] 2017-09-22 (PCT/PT2017/050023)
[87] (WO2018/056855)
[30] GB (1616201.8) 2016-09-23
[30] GB (1713779.5) 2017-08-29

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[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) E21B 41/00 (2006.01) E21B 47/022 (2012.01)**
[25] EN
[54] **AVOIDING GEOLOGICAL FORMATION BOUNDARIES DURING DRILLING OPERATIONS**
[54] **EVITEMENT DE LIMITES DE FORMATION GEOLOGIQUE PENDANT DES OPERATIONS DE FORAGE**
[72] SONG, XIAOBIN, CN
[72] DJEFEL, BRONWYN, TH
[72] DAVILA, MICHAEL JOSEPH, US
[72] WU, ZHIQIN, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-03-11
[86] 2016-10-19 (PCT/US2016/057699)
[87] (WO2018/075027)

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[13] A1
[51] **Int.Cl. B60T 17/22 (2006.01) B60T 13/68 (2006.01) B60T 15/02 (2006.01) B60T 15/18 (2006.01) B60T 15/24 (2006.01)**
[25] EN
[54] **ELECTRONICALLY CONTROLLED PNEUMATIC (ECP) OVERLAY CONTROL VALVE**
[54] **SOUPAPE DE COMMANDE DE RECOUVREMENT PNEUMATIQUE A COMMANDE ELECTRONIQUE (ECP)**
[72] PARNAPY, KEITH, US
[72] CALL, DERICK, US
[71] NEW YORK AIR BRAKE LLC, US
[85] 2019-03-12
[86] 2016-09-22 (PCT/US2016/052976)
[87] (WO2018/056971)
[30] US (15/272,464) 2016-09-22

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[13] A1
[51] **Int.Cl. H02P 9/04 (2006.01) E21B 41/00 (2006.01) H02M 7/155 (2006.01)**
[25] EN
[54] **DYNAMIC GENERATOR VOLTAGE CONTROL FOR HIGH POWER DRILLING AND LOGGING-WHILE-DRILLING**
[54] **COMMANDE DYNAMIQUE DE TENSION DE GENERATEUR POUR FORAGE DE GRANDE PUISSANCE ET DIAGRAPHIE PENDANT LE FORAGE**
[72] RAJAGOPALAN, SATISH, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-03-12
[86] 2016-10-13 (PCT/US2016/056841)
[87] (WO2018/071028)

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[13] A1
[51] **Int.Cl. F04C 29/02 (2006.01) F01C 3/02 (2006.01) F01C 21/02 (2006.01) F04C 18/16 (2006.01) F04C 18/52 (2006.01)**
[25] EN
[54] **HIGH SUCTION PRESSURE SINGLE SCREW COMPRESSOR WITH THRUST BALANCING LOAD USING SHAFT SEAL PRESSURE AND RELATED METHODS**
[54] **COMPRESSEUR A VIS UNIQUE A HAUTE PRESSION D'ASPIRATION AVEC CHARGE D'EQUILIBRAGE DE POUSSEE UTILISANT UNE PRESSION DE JOINT D'ARBRE ET PROCEDES ASSOCIES**
[72] PICOUET, JEAN-LOUIS, US
[72] PANDE, ABHIJIT, IN
[71] VILTER MANUFACTURING LLC, US
[85] 2019-03-12
[86] 2016-11-14 (PCT/US2016/061851)
[87] (WO2018/052463)
[30] IN (201621031576) 2016-09-16

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[13] A1
[51] **Int.Cl. E21B 43/267 (2006.01) C09K 8/508 (2006.01) C09K 8/575 (2006.01) C09K 8/68 (2006.01) C09K 8/80 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **DEGRADABLE THERMOSETTING COMPOSITIONS FOR ENHANCED WELL PRODUCTION**
[54] **COMPOSITIONS DEGRADABLES THERMODURCISSABLES DESTINEES A LA PRODUCTION AMELIOREE DE PUITS**
[72] BELAKSHE, RAVIKANT, IN
[72] SONGIRE, SUMIT RAMESH, IN
[72] SALGAONKAR, LALIT P., IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-03-12
[86] 2016-12-06 (PCT/US2016/065104)
[87] (WO2018/106217)

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[13] A1
[51] **Int.Cl. B32B 7/12 (2006.01) B32B 1/08 (2006.01) B32B 15/08 (2006.01) B32B 15/09 (2006.01) B32B 15/18 (2006.01) B32B 15/20 (2006.01) B32B 37/12 (2006.01) F16L 9/18 (2006.01) F24F 13/02 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR MANUFACTURE AND USE OF LAMINATED SHEET METALS**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES DE FABRICATION ET D'UTILISATION DE METAUX SOUS FORME DE FEUILLES STRATIFIEES**
[72] FANELLI, CARL, US
[72] BERNARDI, GLEN, US
[72] PANITZ, LISA DEROSA, US
[71] GREEN HVAC DUCTS USA, LLC, US
[85] 2019-03-12
[86] 2017-07-26 (PCT/US2017/043951)
[87] (WO2018/052537)
[30] US (62/393,992) 2016-09-13

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[13] A1
[51] **Int.Cl. H02J 7/35 (2006.01) H01M 10/02 (2006.01)**
[25] EN
[54] **SUPERCAPACITOR BASED ENERGY STORAGE DEVICE**
[54] **DISPOSITIF DE STOCKAGE D'ENERGIE BASE SUR UN SUPERCONDENSATEUR**
[72] QURESHI, WASEEM ASHRAF, AE
[71] KILOWATT LABS, INC., US
[85] 2019-03-12
[86] 2017-08-08 (PCT/US2017/045848)
[87] (WO2018/052576)
[30] US (62/394,532) 2016-09-14
[30] US (15/490,409) 2017-04-18

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[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOLS CONTAINING DUCTILE CEMENTING MATERIALS**
[54] **OUTILS EN PROFONDEUR DE FORAGE CONTENANT DES MATERIAUX DE CIMENTATION DUCTILES**
[72] DOLOG, ROSTYSLAV, US
[72] MAZYAR, OLEG A., US
[72] FLORES, JUAN CARLOS, US
[72] KHABASHESKU, VALERY N., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2019-03-12
[86] 2017-08-10 (PCT/US2017/046278)
[87] (WO2018/048568)
[30] US (15/262,643) 2016-09-12

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[13] A1
[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **DYNAMIC ADJUSTMENT OF TRANSMISSION PROPERTIES WITH CONTINUOUS PRECODING**
[54] **AJUSTEMENT DYNAMIQUE DE PROPRIETES DE TRANSMISSION AVEC PRECODAGE CONTINU**
[72] MANOLAKOS, ALEXANDROS, US
[72] ZHANG, YU, US
[72] JIANG, JING, US
[72] NAMGOONG, JUNE, US
[72] CHEN, WANSHI, US
[72] JI, TINGFANG, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-03-12
[86] 2017-08-21 (PCT/US2017/047809)
[87] (WO2018/071094)
[30] US (62/406,920) 2016-10-11
[30] US (15/608,670) 2017-05-30

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[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 10/04 (2012.01) G06Q 10/08 (2012.01) G06Q 50/22 (2018.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **COMPUTER-AIDED DISPATCH INCLUDING AUTOMATIC DIVERSIONS**
[54] **REPARTITION ASSISTEE PAR ORDINATEUR COMPRENANT DES DETOURNEMENTS AUTOMATIQUES**
[72] KYEMBA, HEATHER RUTH, US
[72] COOLEY, JOSHUA BRET, US
[71] INTERGRAPH CORPORATION, US
[85] 2019-03-12
[86] 2017-08-22 (PCT/US2017/047976)
[87] (WO2018/052670)
[30] US (15/263,958) 2016-09-13

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[13] A1
[51] **Int.Cl. A63H 33/00 (2006.01) G09B 1/36 (2006.01) G09B 19/00 (2006.01)**
[25] EN
[54] **HANDHELD TOUCH APPARATUS WITH MOVABLE TACTILE FEATURES**
[54] **APPAREIL TACTILE PORTATIF COMPRENANT DES ELEMENTS TACTILES MOBILES**
[72] MCLACHLAN, MATTHEW, US
[72] MCLACHLAN, MARK, US
[71] ANTSY LABS, LLC, US
[85] 2019-03-12
[86] 2017-08-30 (PCT/US2017/049461)
[87] (WO2018/052717)
[30] US (62/495,418) 2016-09-13
[30] US (29/590,129) 2017-01-06
[30] US (62/467,721) 2017-03-06

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[13] A1
[51] **Int.Cl. B01D 3/00 (2006.01) C07C 7/04 (2006.01) C07C 9/12 (2006.01) C07C 11/107 (2006.01)**
[25] EN
[54] **SIDE RECTIFIER COLUMN FOR OLEFIN AND DILUENT RECOVERY**
[54] **COLONNE DE RECTIFICATION LATERALE POUR RECUPERATION D'OLEFINE ET DE DILUANT**
[72] CURREN, JOSEPH A., US
[72] ROMIG, RALPH, US
[72] LOH, JI XIAN, US
[72] ODI, TIMOTHY O., US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2019-03-12
[86] 2017-09-06 (PCT/US2017/050230)
[87] (WO2018/052775)
[30] US (15/264,008) 2016-09-13

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[13] A1
[51] **Int.Cl. F04B 49/00 (2006.01)**
[25] EN
[54] **AUTOMATIC SELF-DRIVING PUMPS**
[54] **POMPES A AUTO-ENTRAINEMENT AUTOMATIQUES**
[72] CHENG, ANDREW A., US
[72] JOHNSON, CHRISTOPHER S., US
[72] GU, JAMES J., US
[72] SCHOENHEIT, KYLE, US
[71] FLUID HANDLING LLC, US
[85] 2019-03-12
[86] 2017-09-12 (PCT/US2017/051085)
[87] (WO2018/049369)
[30] US (62/393,312) 2016-09-12

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[13] A1
[51] **Int.Cl. A61K 31/22 (2006.01) A61P 25/28 (2006.01) C07C 59/01 (2006.01) C07C 69/72 (2006.01)**
[25] EN
[54] **NEUROREGENERATION IMPROVED BY KETONE**
[54] **NEUROREGENERATION AMELIOREE PAR LA CETONE**
[72] ARI D'AGOSTINO, CSILLA, US
[72] D'AGOSTINO, DOMINIC PAUL, US
[71] UNIVERSITY OF SOUTH FLORIDA, US
[85] 2019-03-12
[86] 2017-09-12 (PCT/US2017/051125)
[87] (WO2018/049383)
[30] US (62/393,233) 2016-09-12

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[13] A1
[51] **Int.Cl. A61F 2/30 (2006.01) A61F 2/34 (2006.01) A61F 2/36 (2006.01) A61F 2/38 (2006.01) A61F 2/64 (2006.01) A61L 27/54 (2006.01)**
[25] EN
[54] **DRUG-ELUTING SPACER FOR JOINTS OF THE HUMAN BODY**
[54] **ESPACEUR PERMETTANT L'ELUTION DE MEDICAMENT POUR LES ARTICULATIONS DU CORPS HUMAIN**
[72] SUTHERLAND, ANDREW, US
[72] CRAWFORD, WAYNE, US
[71] EXACTECH, INC., US
[85] 2019-03-12
[86] 2017-09-12 (PCT/US2017/051134)
[87] (WO2018/049385)
[30] US (62/393,406) 2016-09-12

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[13] A1
[51] **Int.Cl. A61K 38/16 (2006.01) C12N 5/095 (2010.01) C07K 14/47 (2006.01)**
[25] EN
[54] **METHODS FOR ENHANCING LIFESPAN AND/OR TREATING CELLULAR PROLIFERATIVE DISORDERS BY TRANSPLANTATION**
[54] **PROCEDES D'AMELIORATION DE LA DUREE DE VIE ET/OU DE TRAITEMENT DE TROUBLES PROLIFERATIFS CELLULAIRES PAR TRANSPLANTATION**
[72] SHEN, CHE-KUN JAMES, CN
[72] SHYU, YU-CHIAU, CN
[72] HUNG, CHUN-HAO, CN
[71] ACADEMIA SINICA, CN
[71] SHEN, CHE-KUN JAMES, CN
[71] SHYU, YU-CHIAU, CN
[71] HUNG, CHUN-HAO, CN
[85] 2019-03-12
[86] 2017-09-13 (PCT/US2017/051310)
[87] (WO2018/052964)
[30] US (62/393,665) 2016-09-13

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[13] A1
[51] **Int.Cl. C12M 1/00 (2006.01) C12M 1/34 (2006.01) C12M 1/36 (2006.01) C12M 3/06 (2006.01)**
[25] EN
[54] **SYSTEMS, APPARATUS AND METHODS FOR CONTROLLING A MOVEMENT OF A CELL CULTURE TO OPTIMIZE CELL GROWTH**
[54] **SYSTEMES, APPAREIL ET PROCEDES DE COMMANDE D'UN MOUVEMENT D'UNE CULTURE CELLULAIRE POUR OPTIMISER LA CROISSANCE CELLULAIRE**
[72] ARMANI, FRANCESCO, IT
[72] CATTARUZZI, GIACOMO, IT
[72] CURCIO, FRANCESCO, IT
[72] MORETTI, MASSIMO, IT
[72] SFILIGOJ, ANTONIO, IT
[71] VBC HOLDINGS LLC, US
[85] 2019-03-12
[86] 2017-09-13 (PCT/US2017/051350)
[87] (WO2018/052991)
[30] US (62/394,569) 2016-09-14

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[13] A1
[51] **Int.Cl. A61K 39/40 (2006.01) A61K 47/69 (2017.01) A61P 9/10 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PLATELET COMPOSITIONS AND METHODS FOR THE DELIVERY OF THERAPEUTIC AGENTS**
[54] **COMPOSITIONS PLAQUETTAIRES ET PROCEDES POUR L'ADMINISTRATION D'AGENTS THERAPEUTIQUES**
[72] GU, ZHEN, US
[72] WANG, CHAO, US
[71] NORTH CAROLINA STATE UNIVERSITY, US
[85] 2019-03-12
[86] 2017-09-13 (PCT/US2017/051376)
[87] (WO2018/053010)
[30] US (62/393,839) 2016-09-13

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[13] A1
[51] **Int.Cl. A61K 31/18 (2006.01) A61K 31/47 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **TREATMENT OF MULTIPLE SCLEROSIS WITH CHS-131**
[54] **TRAITEMENT DE LA SCLEROSE EN PLAQUES AVEC DU CHS-131**
[72] FINCK, BARBARA, US
[72] ZIVADINOV, ROBERT, US
[72] TANG, HONG, US
[71] INTEKRIN THERAPEUTICS, INC., US
[85] 2019-03-12
[86] 2017-09-13 (PCT/US2017/051414)
[87] (WO2018/053040)
[30] US (62/394,046) 2016-09-13
[30] US (62/436,356) 2016-12-19
[30] US (62/460,868) 2017-02-19
[30] US (62/491,071) 2017-04-27

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[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01) A61K 38/46 (2006.01) C07K 14/315 (2006.01) C12N 5/00 (2006.01) C12N 9/22 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **TARGETED ENHANCED DNA DEMETHYLATION**
[54] **DEMETHYLATION D'ADN AMELIOREE CIBLEE**
[72] CHENG, ALBERT, US
[72] TAGHBALOUT, AZIZ, US
[72] JILLETTE, NATHANIEL, US
[71] THE JACKSON LABORATORY, US
[85] 2019-03-12
[86] 2017-09-13 (PCT/US2017/051411)
[87] (WO2018/053037)
[30] US (62/393,944) 2016-09-13
[30] US (62/485,210) 2017-04-13
[30] US (62/535,113) 2017-07-20

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[13] A1
[51] **Int.Cl. A61K 9/08 (2006.01) A61K 47/10 (2017.01) A61K 47/30 (2006.01)**
[25] EN
[54] **COMPOSITIONS WITH PERMEATION ENHANCERS FOR DRUG DELIVERY**
[54] **COMPOSITIONS A AMPLIFICATEURS DE PERMEATION POUR LA LIBERATION DE MEDICAMENTS**
[72] KOHANE, DANIEL S., US
[72] YANG, RONG, US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
[85] 2019-03-12
[86] 2017-09-14 (PCT/US2017/051577)
[87] (WO2018/053140)
[30] US (62/394,716) 2016-09-14

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[13] A1
[51] **Int.Cl. D21C 9/00 (2006.01) D21C 3/00 (2006.01) D21D 1/20 (2006.01)**
[25] EN
[54] **METHOD OF TRANSFORMING HIGH CONSISTENCY PULP FIBERS INTO PRE-DISPERSED SEMI-DRY AND DRY FIBROUS MATERIALS**
[54] **PROCEDE DE TRANSFORMATION DE FIBRES DE PATE A HAUTE CONSISTANCE EN MATERIAUX FIBREUX SEMI-SECS ET SECS PRE-DISPERSES**
[72] LALEG, MAKHLOUF, CA
[72] ETTALEB, LAHOUCINE, CA
[72] STACEY, MICHAEL, CA
[71] FPINNOVATIONS, CA
[85] 2019-03-12
[86] 2017-09-14 (PCT/CA2017/051079)
[87] (WO2018/049522)
[30] US (62/394,456) 2016-09-14

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[13] A1
[51] **Int.Cl. A61N 1/02 (2006.01)**
[25] EN
[54] **BREAST SENSE FEEDING MONITOR**
[54] **APPAREIL DE SURVEILLANCE DE DETECTION D'ALLAITEMENT AU SEIN**
[72] HAFEZI, HOOMAN, US
[72] FEEZER, MARY JUDITH INSUN, US
[72] WEBB, DOUGLAS ALAN, US
[71] MAY & MEADOW, INC., US
[85] 2019-03-12
[86] 2017-09-13 (PCT/US2017/051419)
[87] (WO2018/053045)
[30] US (62/393,673) 2016-09-13
[30] US (62/481,572) 2017-04-04

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[13] A1
[51] **Int.Cl. F16H 7/12 (2006.01)**
[25] EN
[54] **TENSIONER**
[54] **TENDEUR**
[72] MARTINEZ, ARNAUD, DE
[72] WICK, ENRICO, DE
[72] LEUCHT, VOLKER, DE
[71] GATES CORPORATION, US
[85] 2019-03-12
[86] 2017-09-14 (PCT/US2017/051597)
[87] (WO2018/053150)
[30] US (15/266,114) 2016-09-15

[21] **3,036,701**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **METHODS OF TREATING IMMUNE DISORDERS USING PD-1 BINDING PROTEINS**
[54] **PROCEDES DE TRAITEMENT DE TROUBLES IMMUNITAIRES A L'AIDE DE PROTEINES DE LIAISON A PD-1**
[72] CHAN, HENRY H., US
[72] HUR, EUN MI, US
[72] KHATTRI, ROLI, US
[72] LEUNG, MONICA, US
[72] RINGHEIM, GARTH E., US
[72] SCHAFER, PETER H., US
[71] CELGENE CORPORATION, US
[85] 2019-03-12
[86] 2017-09-18 (PCT/US2017/052021)
[87] (WO2018/053405)
[30] US (62/396,736) 2016-09-19

[21] **3,036,702**
[13] A1
[51] **Int.Cl. C12N 15/10 (2006.01) B01J 20/24 (2006.01)**
[25] EN
[54] **UNIVERSAL METHOD FOR EXTRACTING NUCLEIC ACID MOLECULES FROM A DIVERSE POPULATION OF ONE OR MORE TYPES OF MICROBES IN A SAMPLE**
[54] **PROCEDE UNIVERSEL D'EXTRACTION DE MOLECULES D'ACIDES NUCLEIQUES A PARTIR D'UNE POPULATION DIVERSE D'UN OU PLUSIEURS TYPES DE MICROBES DANS UN ECHANTILLON**
[72] JAIN, SUNEER, US
[71] SUN GENOMICS INC., US
[85] 2019-03-12
[86] 2017-09-15 (PCT/US2017/051849)
[87] (WO2018/053308)
[30] US (62/395,316) 2016-09-15
[30] US (62/412,787) 2016-10-25

[21] **3,036,704**
[13] A1
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[54] **PROCEDES ET SYSTEMES DE DEPISTAGE DE COMPOSES CANDIDATS A LA PROVOCATION POTENTIELLE D'UNE TOXICITE SYSTEMIQUE OU HEPATIQUE**
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[72] JACKSON, JONATHAN P., US
[72] BLACK, CHRISTOPHER B., US
[71] QUALYST TRANSPORTER SOLUTIONS, LLC, US
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[54] **PROCEDE ET APPAREIL D'INDICATION DE NIVEAU DE STOCK**
[72] JONES, NICHOLAUS A., US
[72] JONES, MATTHEW A., US
[71] WALMART APOLLO, LLC, US
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[54] **LANDING PAD RECEPTACLE FOR PACKAGE DELIVERY AND RECEIPT**
[54] **CONTENANT DE PLATE-FORME D'ATTERRISSAGE POUR LA DISTRIBUTION ET LA RECEPTION DE COLIS**
[72] LEWIS, STEVEN, US
[72] BIERMANN, MATTHEW DWAIN, US
[72] CHARLES, KEVIN MATTHEW, US
[71] WALMART APOLLO, LLC, US
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[54] **AIRCRAFT BATTERY SYSTEMS AND AIRCRAFT INCLUDING SAME**
[54] **SYSTEMES DE BATTERIE D'AERONEF ET AERONEF LE COMPRENANT**
[72] GORE, ALBERT SPENCER, US
[71] IMPOSSIBLE AEROSPACE CORPORATION, US
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[54] **CALIBRATION OF MAGNETIC AND OPTICAL SENSORS IN A VIRTUAL REALITY OR AUGMENTED REALITY DISPLAY SYSTEM**
[54] **ETALONNAGE DE CAPTEURS MAGNETIQUES ET OPTIQUES DANS UN SYSTEME D'AFFICHAGE DE REALITE VIRTUELLE OU DE REALITE AUGMENTEE**
[72] WOODS, MICHAEL, US
[72] NORTMAN, SCOTT DAVID, US
[71] MAGIC LEAP, INC., US
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[72] MAGADUM, AJIT, US
[71] ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, US
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[54] **TRANSIENT TRANSACTION SERVER**
[54] **SERVEUR DE TRANSACTION TRANSITOIRE**
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[72] CHANIN, KENNETH ARI, US
[72] SULLIVAN, PATRICK J., US
[72] GEANKOPLIS, BRAD, US
[71] STRATUS DIGITAL SYSTEMS, US
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[72] LY, HUNG, US
[72] CHEN, WANSHI, US
[72] XU, HAO, US
[72] GAAL, PETER, US
[71] QUALCOMM INCORPORATED, US
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[54] **CELLULES NK-92 DEFICIENTES EN HLA DE CLASSE I A IMMUNOGENICITE REDUITE**
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[72] KLINGEMANN, HANS, US
[71] NANTKWEST, INC., US
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[54] **PROCEDES AMELIORES D'EVALUATION DE L'ETAT DE UCH-L1 DANS DES ECHANTILLONS DE PATIENT**
[72] DATWYLER, SAUL, US
[72] MCQUISTON, BETH, US
[72] BELIGERE, GANGAMANI, US
[72] BRATE, ELAINE, US
[72] RAMP, JOHN, US
[72] PACENTI, DAVID, US
[71] ABBOTT LABORATORIES, US
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[72] MONTOJO, JUAN, US
[72] BHUSHAN, NAGA, US
[72] DAMNJANOVIC, ALEKSANDAR, US
[72] SADEK, AHMED KAMEL, US
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[54] **SYSTEM COMPRISING A FIRST INVTERTER AND A SECOND INVERTER, AND A METHOD FOR OPERATING THE SYSTEM**
[54] **SYSTEME COMPRENANT UN PREMIER ONDULEUR ET UN SECOND ONDULEUR, ET PROCEDE DE FONCTIONNEMENT DU SYSTEME**
[72] SCHMIDT, JOSEF, DE
[72] ZOLLER, THOMAS, DE
[72] SCHAFER, JENS, DE
[72] HAUCK, MATTHIAS, DE
[71] SEW-EURODRIVE GMBH & CO. KG, DE
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[54] **IMPROVED METHODS OF ASSESSING GFAP STATUS IN PATIENT SAMPLES**
[54] **PROCEDES AMELIORES D'EVALUATION DE L'ETAT DE GFAP DANS DES ECHANTILLONS DE PATIENT**
[72] DATWYLER, SAUL, US
[72] MCQUISTON, BETH, US
[72] BRATE, ELAINE, US
[72] RAMP, JOHN, US
[72] PACENTI, DAVID, US
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[54] **LAMPE DE PISCINE**
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[71] INNOVAPLAS, CA
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[54] **PLAQUE DE REFRIGERATION ET DE CHAUFFE**
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[72] HOLLER, JOACHIM, AT
[71] JOSEF HOLLER GMBH, AT
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[54] **VETEMENT D'HABILLEMENT EXTERIEUR DESTINE A ETRE UTILISE AVEC UN HARNAIS ANTICHUTE**
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[71] ZEPPETELLA, PETE, CA
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[54] **BONE FOUNDATION GUIDE AND METHOD OF USE**
[54] **GUIDE DE FONDATION OSSEUSE ET PROCEDE D'UTILISATION**
[72] LLOP, DANIEL R., US
[72] JUSUF, ARMAND C., US
[72] SPANKE, RYAN A., US
[72] FANLO, CHARLES T., US
[71] NATIONAL DENTEX, LLC, US
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[25] EN
[54] **REAGENTS FOR PRODUCING T-CELLS WITH NON-FUNCTIONAL T-CELL RECEPTORS (TCRS) COMPOSITIONS COMPRISING SAME AND USE THEREOF**
[54] **REACTIFS POUR LA PRODUCTION DE LYMPHOCYTES T COMPRENANT DES RECEPTEURS DE LYMPHOCYTES T NON FONCTIONNELS (TCR), COMPOSITIONS LES COMPRENANT ET UTILISATION CORRESPONDANTE**
[72] GARCIA, PATTY BERTHA, AU
[72] STRINGS-UFOMBAH, VANESSA, AU
[72] ROELVINK, PETER, AU
[72] GRAHAM, MICHAEL, AU
[72] SUHY, DAVID, AU
[71] BENITEC BIOPHARMA LIMITED, AU
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[54] **METHODE DE TRAITEMENT DE LESIONS RENALES AIGUES**
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[72] PATANE, MICHAEL, US
[72] TOZZO, EFFIE, US
[72] TRZASKA, SCOTT, US
[71] MITOBRIDGE, INC., US
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[54] **COUVERCLE SEGMENTE POUR RESERVOIR D'EAUX USEES**
[72] EVANS, DARIN, CA
[72] CORMIER, VICTOR, CA
[71] EVOQUA WATER TECHNOLOGIES CANADA LTD., CA
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[54] **CREDIT SCORE PLATFORM**
[54] **PLATE-FORME DE NOTATION DE CREDIT**
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[72] NAGLA, ARCHANA, CA
[71] ROYAL BANK OF CANADA, CA
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[25] EN
[54] **RECOMBINANT CARDIOMYOCYTES AND CARDIOMYOCYTE CELL LINES EXPRESSING HERG**
[54] **CARDIOMYOCYTES ET LIGNEES CELLULAIRES DE CARDIOMYOCYTES RECOMBINES EXPRIMANT HERG**
[72] BHAT, RAKESH, CA
[72] HOUGHTON, MICHAEL, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
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[51] **Int.Cl. B65D 90/08 (2006.01)**
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[54] **CORNER CONNECTOR AND A CONTAINER COMPRISING SAME**
[54] **ELEMENT DE RACCORDEMENT D'ANGLE ET CONTENANT LE COMPRENANT**
[72] STORACE, CARMEL PAUL, CA
[71] STORACE, CARMEL PAUL, CA
[85] 2019-03-13
[86] 2017-09-14 (PCT/CA2017/051083)
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[25] EN
[54] **IN-PLANE ISOTROPIC, BINDERLESS PRODUCTS OF CELLULOSIC FILAMENT BASED COMPOSITIONS BY COMPRESSION MOLDING**
[54] **PRODUITS SANS LIANT ISOTROPES DANS LE PLAN DE COMPOSITIONS A BASE DE FILAMENTS CELLULOSIQUES PAR MOULAGE PAR COMPRESSION**
[72] PAGE, NATALIE, CA
[72] RICARD, MICHELLE AGNES, CA
[72] BRUNET, MARC-ANTOINE, CA
[72] CHTOUROU, HALIM, CA
[72] BOUCHARD-AUBIN, CLOE, CA
[71] FPINNOVATIONS, CA
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[25] EN
[54] **HEAT EXCHANGER HAVING BYPASS SEAL WITH RETENTION CLIP**
[54] **ECHANGEUR DE CHALEUR COMPRENANT UN JOINT DE DERIVATION DOTE D'UNE PINCE DE RETENUE**
[72] KINDER, LEE M., CA
[72] ABELS, KENNETH M.A., CA
[72] SHORE, COLIN A., CA
[72] SCHOUTEN, ERIC J., CA
[71] DANA CANADA CORPORATION, CA
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[51] **Int.Cl. H04L 12/24 (2006.01)**
[25] EN
[54] **INFORMATION PROCESSING METHOD, SERVER, TERMINAL DEVICE, AND ONLINE TRANSACTION METHOD**
[54] **PROCEDE DE TRAITEMENT D'INFORMATIONS, SERVEUR, DISPOSITIF TERMINAL ET PROCEDE DE TRANSACTION EN LIGNE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2019-03-13
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[51] **Int.Cl. D04H 1/42 (2012.01) B01D 39/16 (2006.01) D01F 1/10 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A PLEATABLE TEXTILE OBJECT HAVING ELECTROSTATICALLY CHARGED FIBRES, AND A PLEATABLE TEXTILE OBJECT**
[54] **PROCEDE DE FABRICATION D'UNE STRUCTURE TEXTILE PLISSABLE DOTEE DE FIBRES A CHARGE ELECTROSTATIQUE, ET STRUCTURE TEXTILE PLISSABLE**
[72] BERKEMANN, RALPH, DE
[72] STAUSS, FABIAN, DE
[72] ENDRISS, FRANK, US
[72] TULKE, ANDREAS, DE
[71] GROZ-BECKERT KG, DE
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[30] DE (10 2016 118 966.9) 2016-10-06

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[54] **DATA EXCHANGE PROCESSING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT D'ECHANGE DE DONNEES**
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[71] 10353744 CANADA LTD., CA
[85] 2019-03-13
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[54] **SELF-SERVICE PAYMENT METHOD, SERVER, AND TERMINAL**
[54] **PROCEDE DE PAIEMENT EN LIBRE-SERVICE, SERVEUR ET TERMINAL**
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[71] 10353744 CANADA LTD., CA
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[54] **CARTRIDGE AND ANALYSIS SYSTEM FOR TESTING A SAMPLE**
[54] **CARTOUCHE ET SYSTEME D'ANALYSE POUR TESTER UN ECHANTILLON**
[72] SCHOEDER, HEINZ, DE
[72] NIEMEYER, AXEL, DE
[72] WUERZ, KAI, DE
[71] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE
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[54] **HOTTE ASPIRANTE COMPORTANT UNE TUBULURE D'ASPIRATION**
[72] BERLING, UDO, DE
[71] BERLING AERO IP UG (HAFTUNGSBESCHRANKT), DE
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[54] **DATA EXCHANGE PROCESSING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT D'ECHANGE DE DONNEES**
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[71] 10353744 CANADA LTD., CA
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[51] **Int.Cl. A61K 39/00 (2006.01)**
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[54] **VSV-G MODIFIE ET VACCINS ASSOCIES**
[72] VANDERMEULEN, GAELLE, BE
[72] LAMBRICHT, LAURE, BE
[72] PREAT, VERONIQUE, BE
[71] UNIVERSITE CATHOLIQUE DE LOUVAIN, BE
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[51] **Int.Cl. B01F 3/08 (2006.01) B01F 5/02 (2006.01) B01F 5/10 (2006.01) C12C 11/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR MIXING THE CONTENTS OF A TANK**
[54] **DISPOSITIF ET PROCEDE POUR MELANGER LE CONTENU D'UN RESERVOIR**
[72] SOBOTTKA, UWE, DE
[71] GEA BREWERY SYSTEMS GMBH, DE
[85] 2019-03-13
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[87] (WO2018/050742)
[30] DE (10 2016 217 500.9) 2016-09-14

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[25] EN
[54] **HYDROGELS BASED ON FUNCTIONALIZED POLYSACCHARIDES**
[54] **HYDROGELS A BASE DE POLYSACCHARIDES FONCTIONNALISES**
[72] GERBER, SANDRINE, CH
[72] PASSEMARD, SOLENE, ES
[72] WANDREY, CHRISTINE, CH
[72] BUHLER, LEO, CH
[72] MOREL, PHILIPPE, CH
[71] ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL), CH
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[86] 2017-09-14 (PCT/EP2017/073174)
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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR T-CELL RECEPTORS REPROGRAMMING USING FUSION PROTEINS**
[54] **COMPOSITIONS ET METHODES DE REPROGRAMMATION DES RECEPTEURS DES LYMPHOCYTES T FAISANT APPEL A DES PROTEINES DE FUSION**
[72] BAEUERLE, PATRICK, US
[72] SIECZKIEWICZ, GREGORY, US
[72] HOFMEISTER, ROBERT, US
[71] TCR2 THERAPEUTICS INC., US
[85] 2019-03-12
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[51] **Int.Cl. B01L 3/00 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **METHOD AND ANALYSIS SYSTEM FOR TESTING A SAMPLE**
[54] **CARTOUCHE ET SYSTEME D'ANALYSE PERMETTANT DE TESTER UN ECHANTILLON**
[72] SCHOEDER, HEINZ, DE
[72] WUERZ, KAI, DE
[71] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE
[85] 2019-03-13
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[51] **Int.Cl. C12N 5/0783 (2010.01)**
[25] EN
[54] **GENERATION OF HPV-SPECIFIC T-CELLS**
[54] **GENERATION DE CELLULES T SPECIFIQUES DU HPV**
[72] RAMOS, CARLOS A., US
[72] ROONEY, CLIONA M., US
[72] NARALA, NEEHARIKA, US
[71] BAYLOR COLLEGE OF MEDECINE, US
[85] 2019-03-13
[86] 2017-09-15 (PCT/EP2017/073274)
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[30] US (62/395,440) 2016-09-16
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[25] EN
[54] **INTEGRATED ANTI-SPILL CONTAINER**
[54] **RECIPIENT ANTI-DEVERSEMENT INTEGRE**
[72] JOHNSON, KEVIN DOUGLAS, US
[72] HATHERILL, MARK A., US
[72] TEBBE, MARK GERARD, US
[72] ASLAN, ADLIN, US
[71] MUNCHKIN, INC., US
[85] 2019-03-12
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[30] US (62/407,428) 2016-10-12
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[51] **Int.Cl. E06B 3/663 (2006.01) C09J 183/04 (2006.01)**
[25] EN
[54] **MOISTURE-CURABLE HOT MELT SILICONE ADHESIVE COMPOSITIONS INCLUDING AN ALKOXY-FUNCTIONAL SILOXANE REACTIVE RESIN AND GLAZING**
[54] **COMPOSITIONS D'ADHESIFS A BASE DE SILICONE THERMOFUSIBLES ET DURCISSABLES A L'HUMIDITE COMPRENANT UNE RESINE REACTIVE DE SILOXANE A FONCTION ALCOXY ET VITRAGE**
[72] CULOT, DOMINIQUE, BE
[71] DOW SILICONES CORPORATION, US
[85] 2019-03-13
[86] 2017-09-15 (PCT/EP2017/073353)
[87] (WO2018/054791)
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[51] **Int.Cl. G06Q 30/00 (2012.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DATA EXCHANGE PROCESSING**
[54] **PROCEDE ET DISPOSITIF POUR UN TRAITEMENT D'ECHANGE DE DONNEES**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2019-03-13
[86] 2015-10-27 (PCT/CN2015/092970)
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[51] **Int.Cl. D21H 27/00 (2006.01) D04H 1/425 (2012.01) B32B 5/08 (2006.01) B32B 5/14 (2006.01) B32B 5/26 (2006.01) D21H 27/30 (2006.01) D21H 27/38 (2006.01)**
[25] EN
[54] **DIFFERENTIAL CELLULOSE CONTENT ARTICLES**
[54] **ARTICLES A TENEUR DIFFERENTIELLE EN CELLULOSE**
[72] YOUNG, CHRISTOPHER MICHAEL, US
[72] STELLJES, MICHAEL GOMER, US
[72] SUER, MICHAEL DONALD, US
[72] KLAWITTER, TIMOTHY JAMES, US
[72] BARNHOLTZ, STEVEN LEE, US
[72] SHEEHAN, JEFFREY GLEN, US
[72] TROKHAN, PAUL DENNIS, US
[72] DENBOW, JAMES ROY, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-03-12
[86] 2017-10-17 (PCT/US2017/056969)
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[30] US (62/409,012) 2016-10-17

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[51] **Int.Cl. C04B 35/56 (2006.01) C22C 29/08 (2006.01)**
[25] EN
[54] **A ROCK DRILL INSERT**
[54] **ORGANE DE PERCAGE DE ROCHE**
[72] MARTENSSON, MALIN, SE
[72] ARVANITIDIS, IOANNIS, SE
[72] TURBA, KRYSTOF, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2019-03-13
[86] 2017-09-25 (PCT/EP2017/074193)
[87] (WO2018/060125)
[30] EP (16191046.8) 2016-09-28

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[51] **Int.Cl. G06F 13/40 (2006.01)**
[25] EN
[54] **DATA COMMUNICATION DEVICE AND SYSTEM**
[54] **DISPOSITIF ET SYSTEME DE COMMUNICATION DE DONNEES**
[72] LI, DONGSHENG, CN
[71] TENDYRON CORPORATION, CN
[85] 2019-03-13
[86] 2017-09-01 (PCT/CN2017/100211)
[87] (WO2018/049993)
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[13] A1
[51] **Int.Cl. G16H 30/40 (2018.01) G16H 50/20 (2018.01)**
[25] EN
[54] **NETWORK FOR MEDICAL IMAGE ANALYSIS, DECISION SUPPORT SYSTEM, AND RELATED GRAPHICAL USER INTERFACE (GUI) APPLICATIONS**
[54] **RESEAU POUR ANALYSE D'IMAGE MEDICALE, SYSTEME D'AIDE A LA DECISION ET APPLICATIONS A INTERFACE UTILISATEUR GRAPHIQUE (GUI) ASSOCIEES**
[72] BAKER, MARK R., US
[71] PROGENICS PHARMACEUTICALS, INC., US
[85] 2019-03-12
[86] 2017-10-26 (PCT/US2017/058418)
[87] (WO2018/081354)
[30] US (62/413,936) 2016-10-27

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[51] **Int.Cl. B60D 1/36 (2006.01) B60D 1/01 (2006.01) B60D 1/62 (2006.01)**
[25] EN
[54] **DEVICE FOR DETECTING THE POSITION OF A FIRST OR SECOND VEHICLE TO BE COUPLED TOGETHER**
[54] **DISPOSITIF PERMETTANT DE DETECTER LA POSITION D'UN PREMIER OU D'UN DEUXIEME VEHICULE A ATTELER L'UN A L'AUTRE**
[72] GENHEIMER, CHRISTIAN, DE
[72] RAAB, DIETER, DE
[72] SAUPE, SWEN, DE
[72] ALGUERA, JOSE MANUEL, DE
[71] JOST-WERKE DEUTSCHLAND GMBH, DE
[85] 2019-03-13
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[13] A1
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[25] EN
[54] **FIBROUS STRUCTURE-CONTAINING ARTICLES**
[54] **ARTICLES CONTENANT UNE STRUCTURE FIBREUSE**
[72] YOUNG, CHRISTOPHER MICHAEL, US
[72] STELLJES, MICHAEL GOMER, US
[72] SUER, MICHAEL DONALD, US
[72] KLAWITTER, TIMOTHY JAMES, US
[72] BARNHOLTZ, STEVEN LEE, US
[72] SHEEHAN, JEFFREY GLEN, US
[72] TROKHAN, PAUL DENNIS, US
[72] DENBOW, JAMES ROY, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-03-12
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[51] **Int.Cl. A61K 31/4162 (2006.01) A61K 31/55 (2006.01) A61K 45/06 (2006.01) A61P 1/16 (2006.01)**
[25] EN
[54] **NOVEL REGIMES OF FXR AGONISTS**
[54] **NOUVEAUX REGIMES D'AGONISTES DE FXR**
[72] LAFFITTE, BRYAN, US
[72] BAUER, ANDREAS, CH
[72] BADMAN, MICHAEL, US
[72] CHEN, JIN, US
[72] MUELLER, PATRICK, CH
[72] SOON, RACHEL, US
[71] NOVARTIS AG, CH
[85] 2019-03-13
[86] 2017-09-12 (PCT/IB2017/055501)
[87] (WO2018/051229)
[30] US (62/394,463) 2016-09-14
[30] US (62/425,179) 2016-11-22

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **PHI6 INTERNAL CONTROL COMPOSITIONS, DEVICES & METHODS**
[54] **COMPOSITIONS, DISPOSITIFS ET PROCEDES DE CONTROLE INTERNE DE PHI6**
[72] SCHOENBRUNNER, NANCY, US
[72] SEFAH, KWAME, US
[72] TIAN, YU, US
[72] WANG, FANGNIAN, US
[72] WANG, KAREN, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2019-03-13
[86] 2017-10-10 (PCT/EP2017/075725)
[87] (WO2018/069267)
[30] US (62/406,166) 2016-10-10

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[51] **Int.Cl. H03M 13/09 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING DATA USING A POLAR CODE**
[54] **PROCEDE ET APPAREIL DE CODAGE DE DONNEES A L'AIDE D'UN CODE POLAIRE**
[72] ZHANG, HUAZI, CN
[72] TONG, JIAJIE, CN
[72] LI, RONG, CN
[72] WANG, JUN, CN
[72] TONG, WEN, CA
[72] GE, YIQUN, CA
[72] LIU, XIAOCHENG, CN
[72] ZHANG, GONGZHENG, CN
[72] WANG, JIAN, CA
[72] CHENG, NAN, CA
[72] ZHANG, QIFAN, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2019-03-13
[86] 2017-09-13 (PCT/CN2017/101531)
[87] (WO2018/050063)
[30] US (62/395,312) 2016-09-15
[30] US (62/396,618) 2016-09-19
[30] US (62/402,862) 2016-09-30
[30] US (62/432,448) 2016-12-09
[30] US (62/432,416) 2016-12-09
[30] US (62/433,127) 2016-12-12
[30] US (15/699,976) 2017-09-08

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[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/4162 (2006.01) A61K 31/46 (2006.01) A61K 31/55 (2006.01) A61P 1/16 (2006.01)**
[25] EN
[54] **COMBINATION OF FXR AGONISTS**
[54] **COMBINAISON D'AGONISTES DE FXR**
[72] LAFFITTE, BRYAN, US
[72] BAUER, ANDREAS, CH
[72] MUELLER, PATRICK, CH
[71] NOVARTIS AG, CH
[85] 2019-03-13
[86] 2017-09-12 (PCT/IB2017/055503)
[87] (WO2018/051230)
[30] US (62/394,446) 2016-09-14

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[51] **Int.Cl. B30B 1/18 (2006.01) B30B 11/04 (2006.01) B30B 15/02 (2006.01) B30B 15/32 (2006.01) F16H 25/22 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN TABLET MANUFACTURE**
[54] **AMELIORATIONS APPORTEES A LA FABRICATION DE COMPRIMES**
[72] GAMLEN, MICHAEL JOHN DESMOND, GB
[72] DOMINGUE, JOSEPH CHARLES, US
[72] KAFEMAN, HENRY DAVID, GB
[71] GAMLEN TABLETING LIMITED, GB
[85] 2019-03-13
[86] 2016-10-21 (PCT/GB2016/053309)
[87] (WO2017/068375)
[30] GB (1518842.8) 2015-10-23
[30] GB (1605939.6) 2016-04-07

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[13] A1
[51] **Int.Cl. B60W 30/06 (2006.01)**
[25] EN
[54] **PARKING ASSIST METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF D'AIDE AU STATIONNEMENT**
[72] SUZUKI, YASUHIRO, JP
[72] HAYAKAWA, YASUHISA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2019-03-13
[86] 2016-09-13 (PCT/JP2016/076928)
[87] (WO2018/051396)

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[51] **Int.Cl. B60B 33/00 (2006.01) B60B 7/00 (2006.01)**
[25] EN
[54] **WHEEL ASSEMBLY, METHODS, AND APPLICATIONS**
[54] **ENSEMBLE ROUE, PROCEDES ET APPLICATIONS**
[72] SUPRON, STEVE, US
[72] WHITEHEAD, STEVEN, US
[72] MORONITI, DAVID, US
[72] GREEN, MICAH, US
[71] MAIDBOT, INC., US
[85] 2019-03-12
[86] 2017-10-31 (PCT/US2017/059347)
[87] (WO2018/081811)
[30] US (62/414,912) 2016-10-31

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[13] A1
[51] **Int.Cl. B60K 35/00 (2006.01) F02D 15/02 (2006.01) G01D 7/00 (2006.01)**
[25] EN
[54] **DISPLAY DEVICE**
[54] **DISPOSITIF D'AFFICHAGE**
[72] OKAMOTO, KAZUHIKO, JP
[72] NAKAMURA, TAKUMI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2019-03-13
[86] 2016-09-14 (PCT/JP2016/077036)
[87] (WO2018/051420)

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[51] **Int.Cl. A61K 31/15 (2006.01) A61P 25/00 (2006.01) A61P 25/08 (2006.01) A61P 25/14 (2006.01) A61P 25/16 (2006.01) A61P 25/24 (2006.01) A61P 25/28 (2006.01) A61P 25/30 (2006.01)**
[25] EN
[54] **N-METHYL-D-ASPARTATE RECEPTOR ALLOSTERIC MODULATORS AND METHODS FOR THEIR USE**
[54] **MODULATEURS ALLOSTERIQUES DU RECEPTEUR DU D-ASPARTATE DE N-METHYLE ET PROCEDES POUR LES UTILISER**
[72] WANG, YU TIAN, CA
[72] AXERIO-CILIES, PETER, CA
[71] QINGDAO PRIMEDICINE PHARMACEUTICAL CO., LTD., CN
[85] 2019-03-13
[86] 2017-09-26 (PCT/CN2017/103398)
[87] (WO2018/107853)
[30] US (62/399,654) 2016-09-26

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[51] **Int.Cl. A61N 2/00 (2006.01) A61N 2/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MODULATING THE BRAIN ELECTRICAL ACTIVITY**
[54] **PROCEDE ET SYSTEME DE MODULATION DE L'ACTIVITE ELECTRIQUE CEREBRALE**
[72] LUZI, LIVIO, IT
[71] POLICLINICO SAN DONATO S.P.A - ISTITUTO DI RICOVERO E CURA A CARATTERE_SCIENTIFICO, IT
[85] 2019-03-13
[86] 2017-09-14 (PCT/IB2017/055557)
[87] (WO2018/051263)
[30] IT (102016000092729) 2016-09-14
[30] IT (102017000035900) 2017-03-31

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[51] **Int.Cl. A61M 25/00 (2006.01) A61B 17/00 (2006.01) A61M 25/098 (2006.01) A61M 25/14 (2006.01)**
[25] EN
[54] **CATHETER DEVICE FOR DELIVERING MECHANICAL WAVES**
[54] **DISPOSITIF DE CATHETER DESTINE A DELIVRER DES ONDES MECANIQUES**
[72] BROUILLETTE, MARTIN, CA
[72] RIEL, LOUIS-PHILIPPE, CA
[72] DION, STEVEN, CA
[72] ARLESS, DUSTIN, CA
[72] BERUBE, SIMON, CA
[72] LACASSE, PHILIPPE, CA
[71] LES SOLUTIONS MEDICALES SOUNDBITE INC., CA
[85] 2019-03-13
[86] 2017-10-26 (PCT/IB2017/056675)
[87] (WO2018/078568)
[30] US (62/413,032) 2016-10-26
[30] US (62/426,392) 2016-11-25
[30] US (62/429,122) 2016-12-02

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[51] **Int.Cl. C07K 7/00 (2006.01) A61K 47/65 (2017.01) A61K 47/68 (2017.01) A61K 39/395 (2006.01) C07K 1/22 (2006.01) C07K 16/00 (2006.01)**
[25] EN
[54] **CYCLIC PEPTIDE, AFFINITY CHROMATOGRAPHY CARRIER, LABELED ANTIBODY, ANTIBODY DRUG CONJUGATE, AND PHARMACEUTICAL PREPARATION**
[54] **PEPTIDE CYCLIQUE, SUPPORT DE CHROMATOGRAPHIE D'AFFINITE, ANTICORPS MARQUE, CONJUGUE ANTICORPS-MEDICAMENT, ET PREPARATION PHARMACEUTIQUE**
[72] MINAMI, KOICHI, JP
[71] FUJIFILM CORPORATION, JP
[85] 2019-03-13
[86] 2017-08-17 (PCT/JP2017/029517)
[87] (WO2018/061509)
[30] JP (2016-194506) 2016-09-30
[30] JP (2017-116490) 2017-06-14

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[51] **Int.Cl. B29C 70/30 (2006.01) B29B 9/06 (2006.01) B29B 9/16 (2006.01) B29B 13/08 (2006.01)**
[25] EN
[54] **FIBER MAT FORMATION FOR STRUCTURAL APPLICATIONS**
[54] **FORMATION DE MAT DE FIBRES POUR APPLICATIONS STRUCTURALES**
[72] GUHA, PROBIR KUMAR, US
[72] BONTE, PHILIPPE, FR
[72] TOITGANS, MARC-PHILIPPE, FR
[72] BOYER, DOMINIQUE, FR
[72] BOIVIN, GAETAN, FR
[71] CONTINENTAL STRUCTURAL PLASTICS, INC., US
[85] 2019-03-12
[86] 2017-11-30 (PCT/US2017/063903)
[87] (WO2018/102529)
[30] US (62/428,277) 2016-11-30

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[13] A1
[51] **Int.Cl. A61K 9/12 (2006.01) A61K 47/42 (2017.01) A61P 17/02 (2006.01)**
[25] EN
[54] **STABLE PHARMACEUTICAL FOAM**
[54] **MOUSSE PHARMACEUTIQUE STABLE**
[72] AUERBACH-NEVO, TAMAR, IL
[72] DEANGLIS, ASHLEY, US
[72] NUR, ISRAEL, IL
[71] OMRIX BIOPHARMACEUTICALS LTD., IL
[71] ETHICON, INC., US
[85] 2019-03-13
[86] 2017-09-11 (PCT/IL2017/000007)
[87] (WO2018/051325)
[30] IL (247810) 2016-09-14
[30] US (62/394,371) 2016-09-14

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[13] A1
[51] **Int.Cl. A61L 15/32 (2006.01) A61L 15/40 (2006.01) A61L 15/42 (2006.01) A61L 24/00 (2006.01) A61L 24/10 (2006.01)**
[25] EN
[54] **SEALANT FORMULATIONS AND USES THEREOF**
[54] **FORMULATIONS DE PRODUIT D'ETANCHEITE ET LEURS UTILISATIONS**
[72] EAVRI, RONEN, IL
[72] GANTZ, AMATZIA, IL
[72] MINTZ, RONI, IL
[72] NUR, ISRAEL, IL
[72] VISNOVEZKY, DAMIAN, IL
[71] OMRIX BIOPHARMACEUTICALS LTD., IL
[85] 2019-03-13
[86] 2017-09-11 (PCT/IL2017/000006)
[87] (WO2018/051324)
[30] IL (247821) 2016-09-14
[30] US (62/394,366) 2016-09-14

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[13] A1
[51] **Int.Cl. G06K 17/00 (2006.01) A01N 1/02 (2006.01) A61D 19/02 (2006.01) C12M 1/24 (2006.01) G06K 7/00 (2006.01) G06K 7/10 (2006.01) G06K 19/077 (2006.01)**
[25] EN
[54] **INDIVIDUAL MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION INDIVIDUELLE**
[72] KOMATSU, HIROHIDE, JP
[72] SAWA, TSUTOMU, JP
[71] 77 KC CO., LTD., JP
[85] 2019-03-13
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[54] **COMPOSITIONS COMPRISING A NON-PATHOGENIC BACTERIA AND METHODS FOR PROTECTING PLANT AND ANIMAL HOSTS FROM FUNGAL, BACTERIAL AND VIRAL DISEASES**
[54] **COMPOSITIONS COMPRENANT DES BACTERIES NON PATHOGENES ET PROCEDES DE PROTECTION D'HOTES VEGETAUX ET ANIMAUX CONTRE DES MALADIES FONGIQUES, BACTERIENNES ET VIRALES**
[72] AVIDOV, AMIT, IL
[72] BARAZANI, AVNER, IL
[72] ZEILKHA, MOR, IL
[71] GRACE BREEDING LTD., IL
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[54] **CAR BODY POSITIONING JIG DEVICE**
[54] **DISPOSITIF DE GABARIT DE POSITIONNEMENT DE CARROSSERIE DE VOITURE**
[72] AKAMI, KAZUKI, JP
[72] HASADO, AKINORI, JP
[72] TAKEUCHI, KOICHI, JP
[72] KITAGAWA, HIROTAKA, JP
[72] ICHINOMIYA, HIROSHI, JP
[72] SHIMOYAMA, MASAO, JP
[72] HADA, KAZUHISA, JP
[71] HONDA MOTOR CO., LTD., JP
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[54] **TRANSCATHETER DEVICE AND SYSTEM FOR THE DELIVERY OF INTRACORPOREAL DEVICES**
[54] **DISPOSITIF TRANSCATHETER ET SYSTEME POUR LA POSE DE DISPOSITIFS INTRACORPORELS**
[72] TUSETH, VEGARD, NO
[72] PATTERSON, SHAWN, US
[72] HAARSTAD, PHILIP, US
[71] NUHEART AS, NO
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[54] **HETEROCYCLIC COMPOUND, AND HARMFUL-ARTHROPOD-CONTROLLING AGENT CONTAINING SAME**
[54] **COMPOSE HETEROCYCLIQUE ET AGENT DE LUTTE CONTRE LES ARTHROPODES NUISIBLES LE CONTENANT**
[72] ORIMOTO, KOHEI, JP
[72] SHIMOMURA, MASARU, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[54] **METHOD AND SYSTEM FOR OPTIMIZING VOICE RECOGNITION AND INFORMATION SEARCHING BASED ON TALKGROUP ACTIVITIES**
[54] **PROCEDE ET SYSTEME DESTINES A OPTIMISER LA RECONNAISSANCE VOCALE ET LA RECHERCHE D'INFORMATIONS SUR LA BASE D'ACTIVITES DE GROUPE DE CONVERSATION**
[72] MUSIK, MARTA TATIANA, PL
[72] KAPLITA, GRZEGORZ, PL
[72] WOJCIK, WOJCIECH T., PL
[71] MOTOROLA SOLUTIONS, INC., US
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[54] **ENDOPROTHESE FLEXIBLE**
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[71] SHOBAYASHI, YASUHIRO, JP
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[54] **HANDLING OF HYDROCARBONS AND EQUIPMENT ON AN OFFSHORE PLATFORM**
[54] **MANIPULATION D'HYDROCARBURES ET D'EQUIPEMENT SUR UNE PLATE-FORME EN MER**
[72] SOLBERG, BJARNE ALEXANDER, NO
[72] BJORKHAUG, MAGNE, NO
[72] KROGER, DAGFINN, NO
[71] EQUINOR ENERGY AS, NO
[85] 2019-03-13
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[25] EN
[54] **CRYOTHERAPY DEVICE FOR RECOVERY OR TREATMENT OF THE MUSCULAR SYSTEM BY HOMOGENEOUS COLD APPLICATION**
[54] **MACHINE DE CRYOTHERAPIE POUR LA RECUPERATION OU LE TRAITEMENT D'UN SYSTEME MUSCULAIRE PAR LE BIAIS DE L'APPLICATION DE FROID HOMOGENE**
[72] SIERRA MURILLO, CARLOS ALBERTO, CR
[71] QW HEALTH COLOMBIA S.A.S, CO
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[54] **FREE FLOATING PATIENT INTERFACE FOR LASER SURGERY SYSTEM**
[54] **INTERFACE DE PATIENT A FLOTTEMENT LIBRE POUR SYSTEME DE CHIRURGIE A LASER**
[72] SCHUELE, GEORG, US
[72] GOODING, PHILLIP H., US
[72] ANGELEY, DAVID, US
[72] WANG, ZHAO, US
[71] OPTIMEDICA CORPORATION, US
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[25] EN
[54] **DOWNHOLE TUBULAR MILLING APPARATUS, ESPECIALLY SUITABLE FOR DEPLOYMENT ON COILED TUBING**
[54] **APPAREIL DE FRAISAGE TUBULAIRE DE FOND, PARTICULIEREMENT ADAPTE POUR DEPLOIEMENT SUR UN TUBE SPIRALE**
[72] RUTTLEY, DAVID J., US
[71] ABRADO, INC., US
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[54] **MULTI-VIEW DISPLAYS AND ASSOCIATED SYSTEMS AND METHODS**
[54] **ECRANS MULTI-VUE ET SYSTEMES ET PROCEDES ASSOCIES**
[72] BARAN, THOMAS ANTHONY, US
[72] HIRSCH, MATTHEW WAGGENER, US
[72] LEITHINGER, DANIEL, US
[71] LUMII, INC., US
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[54] **CARTRIDGE, ANALYSIS SYSTEM AND METHOD FOR TESTING A SAMPLE**
[54] **CARTOUCHE, SYSTEME D'ANALYSE ET PROCEDE DE TEST D'UN ECHANTILLON**
[72] SCHMOLKE, HANNAH, DE
[72] BRUCKMANN, GUENTER, DE
[72] KRONSBEIN, MATTHIAS, DE
[72] WEBER, LUTZ, DE
[72] WIRT, RENE, DE
[71] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE
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[25] EN
[54] **MEASURING CONCENTRATION OF ANALYTES IN LIQUID SAMPLES USING SURFACE-ENHANCED RAMAN SPECTROSCOPY**
[54] **MESURE DE LA CONCENTRATION D'ANALYTES DANS DES ECHANTILLONS LIQUIDES PAR DE SPECTROSCOPIE RAMAN EXALTEE EN SURFACE**
[72] PETERMAN, MARK CHARLES, US
[72] BENHABIB, MERWAN, US
[72] ARIZA, CARLOS ATICO, US
[72] KLEINMAN, SAMUEL LOUIS, US
[71] ONDAVIA, INC., US
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[54] **PATCH STACK-UP**
[54] **EMPILEMENT DE PATCH**
[72] BALDA, ANTHONY, US
[72] MARCUS, SEAN, US
[72] KOOS, GEORGE, US
[72] LOPERA, SARA FABIOLA ENGLAND, US
[72] MAREK, MONTE, US
[71] MEDICOMP, INC, US
[85] 2019-03-13
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[51] **Int.Cl. A01N 1/02 (2006.01) C12N 5/07 (2010.01)**
[25] EN
[54] **PROTOCOL FOR THE CRYOPRESERVATION OF HIGH VISCOSITY BIOLOGICAL SAMPLES**
[54] **PROTOCOLE POUR LA CRYOCONSERVATION D'ECHANTILLONS BIOLOGIQUES A VISCOSITE ELEVEE**
[72] MORALES UENO, KARINA, MX
[72] PANIAGUA CHAVEZ, CARMEN GUADALUPE, MX
[71] CENTRO DE INVESTIGACION CIENTIFICA Y DE EDUCACION SUPERIOR DE ENSENADA, BAJA CALIFORNIA (CICESE), MX
[85] 2019-03-13
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[25] EN
[54] **THERMOPLASTIC PUR WITH HIGH TG FOR REACTION TRANSFER MOLDING (RTM)**
[54] **PUR THERMOPLASTIQUE PRESENTANT UNE TEMPERATURE DE TRANSITION VITREUSE ELEVEE POUR MOULAGE PAR INJECTION DE RESINE (RTM)**
[72] FERENCZ, ANDREAS, DE
[72] SCHMIDT, TAMARA, DE
[72] NIEGEMEIER, ANDREAS, DE
[72] LAMMERSCHOP, OLAF, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2019-03-13
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[25] EN
[54] **AUTOMATED MISTIE ANALYSIS AND CORRECTION ACROSS TWO-DIMENSIONAL ("2D") SEISMIC SURVEYS**
[54] **ANALYSE ET CORRECTION AUTOMATISEES DE MESAPPARIEMENTS SUR DES RELEVES SISMIQUES BIDIMENSIONNELS ("2D")**
[72] NGUYEN, NAM XUAN, US
[72] MAY, WILLIAM JOHN, CA
[72] HEINRICHS, EUGENE CAREY, CA
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2019-03-13
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[25] EN
[54] **VENTILATION MASK**
[54] **MASQUE DE VENTILATION**
[72] PEDRO, MICHAEL J., US
[72] REILLY, THOMAS M., US
[72] REDFORD, RYAN G., US
[72] KANE, DAVID M., US
[71] REVOLUTIONARY MEDICAL DEVICES, INC., US
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[25] EN
[54] **DETERMINING THE STATE OF CHARGE OF AN ALL-VANADIUM REDOX FLOW BATTERY USING UV/VIS MEASUREMENT**
[54] **DETERMINATION DE L'ETAT DE CHARGE D'UNE BATTERIE REDOX VANADIUM A L'AIDE D'UNE MESURE UV/VIS**
[72] HELMLE, STEFAN, DE
[72] BREDEMEYER, NIELS, DE
[72] POLCYN, GREGOR DAMIAN, DE
[72] TENHUMBERG, NILS, DE
[71] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
[71] THYSSENKRUPP AG, DE
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR ENHANCING THE STABILITY OF TRANSGENES IN POXVIRUSES**
[54] **COMPOSITIONS ET METHODES D'AMELIORATION DE LA STABILITE DE TRANSGENES DANS DES POXVIRUS**
[72] KALLA, MARKUS, DE
[72] ROUNTREE, RYAN, US
[72] DIRMEIER, ULRIKE, DE
[71] BAVARIAN NORDIC A/S, DK
[85] 2019-03-13
[86] 2017-09-28 (PCT/EP2017/074693)
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[25] EN
[54] **KNOTLESS SYNDESMOSIS SYSTEM**
[54] **SYSTEME DE SYNDESMOSE SANS NOEUD**
[72] AWTREY, GEORGE MATTHEW, US
[72] MOSELEY, JON POPE, US
[72] APICELLI, SAMUEL W., US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2019-03-13
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[25] EN
[54] **MARKER COMPOSITIONS, AND METHODS FOR MAKING AND USING SAME**
[54] **COMPOSITIONS DE MARQUEURS ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] HINTON, MICHAEL P., US
[72] FREDERICO, JUSTIN J., US
[71] UNITED COLOR MANUFACTURING, INC., US
[85] 2019-03-13
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[25] EN
[54] **CLEANING COMPOSITION AND METHOD OF CLEANING AIR INTAKE VALVE DEPOSITS**
[54] **COMPOSITION DE NETTOYAGE ET METHODE D'ESSAI POUR DES DEPOTS SUR DES SOUPAPES D'ADMISSION D'AIR**
[72] HASINOVIC, HIDA, US
[72] TURCOTTE, DAVID E., US
[71] VALVOLINE LICENSING AND INTELLECTUAL PROPERTY LLC, US
[85] 2019-03-13
[86] 2017-03-10 (PCT/US2017/021849)
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[30] US (PCT/US16/51476) 2016-09-13

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[51] **Int.Cl. H04W 12/04 (2009.01) H04L 9/08 (2006.01)**
[25] EN
[54] **CONFIGURATOR KEY PACKAGE FOR DEVICE PROVISIONING PROTOCOL (DPP)**
[54] **BOITIER DE CLE CONFIGURATEUR DESTINE A UN PROTOCOLE DE FOURNITURE DE DISPOSITIF (DPP)**
[72] CAMMAROTA, ROSARIO, US
[72] MALINEN, JOUNI KALEVI, US
[72] TINNAKORNSRISUPHAP, PEERAPOL, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-03-13
[86] 2017-08-25 (PCT/US2017/048560)
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[30] US (62/410,309) 2016-10-19
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[51] **Int.Cl. G09G 3/20 (2006.01) G09G 3/22 (2006.01) G09G 3/30 (2006.01) G09G 3/32 (2016.01) H05B 33/02 (2006.01) H05B 33/08 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **ILLUMINATION DEVICE AND METHOD FOR ADJUSTING PERIODIC CHANGES IN EMULATION OUTPUT**
[54] **DISPOSITIF D'ECLAIRAGE ET PROCEDE DE REGLAGE DE CHANGEMENTS PERIODIQUES DANS UNE SORTIE D'EMULATION**
[72] SOOCH, NAV, US
[72] HO, HORACE C., US
[72] FRANK, REBECCA, US
[72] LEWIS, JASON E., US
[72] BOCOCK, RYAN MATTHEW, US
[71] LUTRON KETRA, LLC, US
[85] 2019-03-13
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[30] US (15/264,775) 2016-09-14
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[54] **ACCESS STAIRWAY FOR MATERIAL TRANSFER VEHICLE**
[54] **ESCALIER D'ACCES POUR VEHICULE DE TRANSFERT DE MATERIAU**
[72] NEISEN, MATTHEW, US
[71] ROADTEC, INC., US
[85] 2019-03-13
[86] 2017-09-01 (PCT/US2017/049941)
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[51] **Int.Cl. G02B 6/44 (2006.01)**
[25] EN
[54] **PARKING DOOR ASSEMBLIES FOR USE WITH FIBER DISTRIBUTION HUBS AND METHODS OF INSTALLING PARKING DOOR ASSEMBLIES**
[54] **ENSEMBLES PORTE DE STATIONNEMENT A UTILISER AVEC DES CONCENTRATEURS DE DISTRIBUTION DE FIBRES ET PROCEDES D'INSTALLATION D'ENSEMBLES PORTE DE STATIONNEMENT**
[72] FRANCO ROMO, GIOVANNA MONSERRAT, MX
[72] GIRAUD, WILLIAM JULIUS MCPHIL, US
[72] CANTU MARTINEZ, CYNTHIA, US
[71] CORNING RESEARCH AND DEVELOPMENT CORPORATION, US
[85] 2019-03-13
[86] 2017-09-07 (PCT/US2017/050369)
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[30] US (62/395,527) 2016-09-16

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[51] **Int.Cl. H05B 33/02 (2006.01) G06F 3/048 (2013.01) H05B 33/08 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **ILLUMINATION SYSTEM FOR CONTROLLING COLOR TEMPERATURE AS A FUNCTION OF BRIGHTNESS**
[54] **SYSTEME D'ECLAIRAGE POUR COMMANDER LA TEMPERATURE DE COULEUR EN FONCTION DE LA LUMINOSITE**
[72] SOOCH, NAV, US
[72] HO, HORACE C., US
[72] FRANK, REBECCA, US
[72] LEWIS, JASON E., US
[72] BOCOCK, RYAN MATTHEW, US
[71] LUTRON KETRA, LLC, US
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[87] (WO2018/052572)
[30] US (15/265,203) 2016-09-14
[30] US (15/265,322) 2016-09-14
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[25] EN
[54] **DEVICE AND METHOD OF DETERMINING SCALE THICKNESS ON SURFACES IN FLUID PROCESS APPLICATIONS**
[54] **DISPOSITIF ET PROCEDE DE DETERMINATION D'EPAISSEUR DE TARTRE SUR DES SURFACES DANS DES APPLICATIONS DE TRAITEMENT FLUIDIQUE**
[72] BLISS, TERRY L., US
[72] PATTERSON, TIMOTHY F., US
[71] SOLENIS TECHNOLOGIES, L.P., CH
[85] 2019-03-13
[86] 2017-09-08 (PCT/US2017/050717)
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[25] FR
[54] **STRUCTURE, OF THE BOLOMETER TYPE, FOR DETECTING ELECTROMAGNETIC RADIATION AND PROCESS FOR MANUFACTURING SUCH A STRUCTURE**
[54] **STRUCTURE DE DETECTION DE RAYONNEMENTS ELECTROMAGNETIQUES DE TYPE BOLOMETRE ET PROCEDE DE FABRICATION D'UNE TELLE STRUCTURE**
[72] YON, JEAN-JACQUES, FR
[72] FUXA, ETIENNE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[54] **DATA INTEGRATION JOB CONVERSION**
[54] **CONVERSION DE TACHE D'INTEGRATION DE DONNEES**
[72] HIRT, MICHAEL GUILLAUME MAURICE, FR
[72] DYNES, CIARAN, IE
[71] TALEND, INC., FR
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[87] (WO2018/052814)
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[54] **TEST CASE GENERATOR BUILT INTO DATA-INTEGRATION WORKFLOW EDITOR**
[54] **GENERATEUR DE CAS D'ESSAI INTEGRE DANS UN EDITEUR DE FLUX DE TRAVAIL A INTEGRATION DE DONNEES**
[72] HIRT, MICHAEL GUILLAUME MAURICE, FR
[72] DYNES, CIARAN, IE
[71] TALEND, INC., FR
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[30] US (62/395,179) 2016-09-15
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[54] **INTEGRATED COIL VASCULAR DEVICES**
[54] **DISPOSITIFS VASCULAIRES A BOBINE INTEGREE**
[72] SNYDER, EDWARD J., US
[72] TURNLUND, TODD, US
[72] DAVIS, CLARK C., US
[72] LIPPERT, JOHN A., US
[71] SCIENTIA VASCULAR, LLC, US
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[54] **FAULT-TOLERANT LCD DISPLAY**
[54] **AFFICHAGE A CRISTAUX LIQUIDES INSENSIBLE AUX DEFAILLANCES**
[72] ABERNATHY, MICHAEL G., US
[71] L-3 COMMUNICATIONS CORPORATION, US
[85] 2019-03-13
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[25] EN
[54] **ZONAL BARBECUE GRILL WITH CARRYOVER PROVISION**
[54] **GRIL BARBECUE ZONAL A REPARTITION DE CHALEUR**
[72] AHMED, MALLIK, US
[71] W.C. BRADLEY CO., US
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[86] 2017-09-13 (PCT/US2017/051395)
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[51] **Int.Cl. B32B 17/06 (2006.01) B44C 5/04 (2006.01)**
[25] EN
[54] **GLASS LAMINATES AND METHODS FOR FORMING THE SAME**
[54] **STRATIFIES DE VERRE ET LEURS PROCEDES DE FORMATION**
[72] MATTOS, LOUIS, JR., US
[71] CORNING INCORPORATED, US
[85] 2019-03-13
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[54] **SYSTEM AND METHOD FOR AUTOMATED COFFEE GRIND REFINEMENT**
[54] **SYSTEME ET PROCEDE D'AFFINAGE AUTOMATIQUE DE MOUTURE DE CAFE**
[72] AL-SHAIBANI, RAYAN, US
[72] WONGTADA, PAWIN, US
[72] SRIMOKLA, ORNICHA, US
[71] AUROMA BREWING COMPANY, US
[85] 2019-03-13
[86] 2017-08-29 (PCT/US2017/049032)
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[25] EN
[54] **PRESSURE JACKET HAVING SYRINGE RETAINING ELEMENT**
[54] **ENVELOPPE DE PRESSION AYANT UN ELEMENT DE RETENUE DE SERINGUE**
[72] SPOHN, MICHAEL, US
[72] COWAN, KEVIN, US
[72] TUCKER, BARRY, US
[72] JOHNSTON, GREGORY, US
[72] MCDERMOTT, MICHAEL, US
[72] DEDIG, JAMES, US
[71] BAYER HEALTHCARE LLC, US
[85] 2019-03-13
[86] 2017-09-14 (PCT/US2017/051473)
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[54] **A METHOD FOR DETECTING LINK STATUS**
[54] **PROCEDE PERMETTANT DE DETECTER UN ETAT DE LIAISON**
[72] VIRTANEN, KARI, FI
[72] ALAMAUNU, JYRKI, FI
[72] VARE, JANI, FI
[72] SAARINEN, SAMI, FI
[71] TELESTE OYJ, FI
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[25] EN
[54] **GENOME EDITED PRIMARY B CELL AND METHODS OF MAKING AND USING**
[54] **LYMPHOCYTE B PRIMAIRE RESULTANT D'UNE EDITION GENIQUE ET PROCEDES DE PREPARATION ET D'UTILISATION**
[72] MORIARITY, BRANDEN S., US
[72] HUNZEKER, JOHN, US
[72] JOHNSON, MATTHEW, US
[72] LAOHARAWEE, KANUT, US
[71] REGENT OF THE UNIVERSITY OF MINNESOTA, US
[71] MORIARITY, BRANDEN S., US
[71] HUNZEKER, JOHN, US
[71] JOHNSON, MATTHEW, US
[71] LAOHARAWEE, KANUT, US
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[51] **Int.Cl. D21F 1/02 (2006.01) D21F 11/02 (2006.01)**
[25] EN
[54] **FORMER OF WATER LAID ASSET THAT UTILIZES A STRUCTURED FABRIC AS THE OUTER WIRE**
[54] **DISPOSITIF DE FORMATION D'UN ACTIF DEPOSE PAR VOIE HUMIDE UTILISANT UN TISSU STRUCTURE EN TANT QUE FIL EXTERNE**
[72] SEALEY, JAMES E., II, US
[72] MILLER, BYRD TYLER, IV, US
[71] STRUCTURED I, LLC, US
[85] 2019-03-12
[86] 2017-09-12 (PCT/US2017/051158)
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[51] **Int.Cl. A61M 25/06 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **LUBRICIOUS INSERTION TOOLS FOR MEDICAL DEVICES AND METHODS FOR USING**
[54] **OUTILS D'INSERTION LUBRIFIANTS POUR DISPOSITIFS MEDICAUX ET PROCEDES D'UTILISATION**
[72] TROCKE, AMY, US
[72] SUTTON, GREGG S., US
[72] SLAGER, JORAM, US
[71] SURMODICS, INC., US
[85] 2019-03-13
[86] 2017-09-14 (PCT/US2017/051555)
[87] (WO2018/053124)
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[25] EN
[54] **DELIVERY DEVICE AND ASSOCIATED METHODS OF USE**
[54] **DISPOSITIF DE SONDE UTERINE ET PROCEDES D'UTILISATION ASSOCIES**
[72] O'FLAHERTY, BRENDAN, AU
[72] LIPMAN, JOHANN, AU
[72] FRASER, JOHN, AU
[72] GREGORY, SHAUN, AU
[71] DE MOTU CORDIS PTY LTD, AU
[85] 2019-03-13
[86] 2017-09-29 (PCT/AU2017/051073)
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[51] **Int.Cl. F16B 23/00 (2006.01) F16B 35/04 (2006.01) F16B 35/06 (2006.01)**
[25] EN
[54] **DRIVE SYSTEM WITH FULL SURFACE DRIVE CONTACT**
[54] **SYSTEME D'ENTRAINEMENT A CONTACT D'ENTRAINEMENT PLEINE LA SURFACE**
[72] GOSS, DAVID C., US
[71] ACUMENT INTELLECTUAL PROPERTIES, LLC, US
[85] 2019-03-13
[86] 2017-09-14 (PCT/US2017/051602)
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[13] A1
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[25] EN
[54] **THERMOPLASTIC ELASTOMERS DERIVED FROM DE-VULCANIZED RUBBER**
[54] **ELASTOMERES THERMOPLASTIQUES DERIVES DE CAOUTCHOUC DEVULCANISE**
[72] FISHER, JAMES F., CA
[71] NEW RUBBER TECHNOLOGIES HOLDINGS, INC., US
[85] 2019-03-13
[86] 2017-09-14 (PCT/US2017/051652)
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[51] **Int.Cl. G08B 7/06 (2006.01) G08B 3/10 (2006.01) G08B 21/02 (2006.01) G08B 25/01 (2006.01)**
[25] EN
[54] **VISUALLY-IMPAIRED-ACCESSIBLE BUILDING SAFETY SYSTEM**
[54] **SYSTEME DE SECURITE DE BATIMENT ACCESSIBLE A DES PERSONNES AYANT UNE DEFICIENCE VISUELLE**
[72] FIELD, LESLIE A., US
[71] SIEMENS INDUSTRY, INC., US
[85] 2019-03-12
[86] 2017-09-13 (PCT/US2017/051246)
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[30] US (15/265,546) 2016-09-14

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[25] EN
[54] **STRUCTURES, SYSTEM AND METHOD FOR CONVERTING ELECTROMAGNETIC RADIATION TO ELECTRICAL ENERGY USING METAMATERIALS, RECTENNAS AND COMPENSATION STRUCTURES**
[54] **STRUCTURES, SYSTEME ET PROCEDE PERMETTANT DE CONVERTIR UN RAYONNEMENT ELECTROMAGNETIQUE EN ENERGIE ELECTRIQUE A L'AIDE DE METAMATERIAUX, D'ANTENNES REDRESSEUSES ET DE STRUCTURES DE COMPENSATION**
[72] BRADY, PATRICK K., US
[72] HERNER, SCOTT BRAD, US
[72] KOTTTER, DALE K., US
[72] PARK, WOUNJHANG, US
[72] MIDYA, PALLAB, US
[71] REDWAVE ENERGY, INC., US
[85] 2019-03-13
[86] 2017-09-14 (PCT/US2017/051658)
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[51] **Int.Cl. H04M 3/42 (2006.01)**
[25] EN
[54] **NEXT GENERATION EMERGENCY CALL ROUTING OVER DIVERSE NETWORKS**
[54] **ACHEMINEMENT D'APPELS D'URGENCE DE PROCHAINE GENERATION SUR DIVERS RESEAUX**
[72] FERGUSON, DONALD LEE, US
[71] FERGUSON, DONALD LEE, US
[85] 2019-03-12
[86] 2017-09-13 (PCT/US2017/051264)
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[30] US (62/495,369) 2016-09-13

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[51] **Int.Cl. A61K 47/64 (2017.01) A61K 49/00 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **PROXIMITY-BASED SORTASE-MEDIATED PROTEIN PURIFICATION AND LIGATION**
[54] **PURIFICATION ET LIGATURE DE PROTEINES A MEDIATION PAR LA SORTASE BASEES SUR LA PROXIMITE**
[72] TSOURKAS, ANDREW, US
[72] ALTUN, BURCIN, US
[72] WANG, HEJIA HENRY, US
[72] YU, FEIFAN, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2019-03-13
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[87] (WO2018/053180)
[30] US (62/394,430) 2016-09-14

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[51] **Int.Cl. C03C 13/00 (2006.01) F16L 59/02 (2006.01) F16L 59/065 (2006.01)**
[25] EN
[54] **GLASS WOOL, AND VACUUM INSULATION MATERIAL USING SAME**
[54] **LAINE DE VERRE, ET MATERIAU D'ISOLATION THERMIQUE SOUS VIDE L'UTILISANT**
[72] ENDO, SHINJI, JP
[71] MAG-ISOVER K.K., JP
[85] 2019-03-13
[86] 2017-09-19 (PCT/JP2017/033777)
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[30] JP (2016-182074) 2016-09-16

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[51] **Int.Cl. C12N 15/10 (2006.01)**
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[54] **HIGH PURITY RNA COMPOSITIONS AND METHODS FOR PREPARATION THEREOF**
[54] **COMPOSITIONS D'ARN DE HAUTE PURETE ET PROCEDES POUR LEUR PREPARATION**
[72] HOGE, STEPHEN, US
[72] ISSA, WILLIAM, US
[72] MIRACCO, EDWARD J., US
[72] NELSON, JENNIFER, US
[72] RABIDEAU, AMY E., US
[72] BUTORA, GABOR, US
[71] MODERNATX, INC., US
[85] 2019-03-13
[86] 2017-09-14 (PCT/US2017/051674)
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[51] **Int.Cl. A61K 35/30 (2015.01) C12N 5/0735 (2010.01) A61P 25/00 (2006.01)**
[25] EN
[54] **PLURIPOTENT STEM CELL-DERIVED OLIGODENDROCYTE PROGENITOR CELLS FOR THE TREATMENT OF SPINAL CORD INJURY**
[54] **CELLULES PROGENITRICES D'OLIGODENDROCYTES DERIVEES DE CELLULES SOUCHES PLURIPOTENTES POUR LE TRAITEMENT D'UNE LESION DE LA MOELLE EPINIERE**
[72] WIRTH, EDWARD D., III, US
[72] LEBKOWSKI, JANE S., US
[71] ASTERIAS BIOTHERAPEUTICS, INC., US
[85] 2019-03-13
[86] 2017-09-14 (PCT/US2017/051677)
[87] (WO2018/053210)
[30] US (62/394,226) 2016-09-14
[30] US (62/449,580) 2017-01-23
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[51] **Int.Cl. C07D 498/14 (2006.01) A61K 31/553 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **FUSED 1,4-OXAZEPINES AS BET PROTEIN DEGRADERS**
[54] **1,4-OXAZEPINES FUSIONNEES UTILISEES COMME AGENTS DE DEGRADATION DE PROTEINES BET**
[72] WANG, SHAOMENG, US
[72] HU, YANG, US
[72] QIN, CHONG, US
[72] XU, FUMING, US
[72] HU, JIANTAO, US
[72] ZHOU, BING, CN
[72] CHEN, ZHOU, US
[72] FERNANDEZ-SALAS, ESTER, US
[72] BAI, LONGCHUAN, US
[72] MCEACHERN, DONNA, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2019-03-12
[86] 2017-09-13 (PCT/US2017/051282)
[87] (WO2018/052945)
[30] US (62/393,904) 2016-09-13

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **KLRG1 DEPLETION THERAPY**
[54] **THERAPIE PAR EPUISEMENT DE KLRG1**
[72] GREENBERG, STEVEN, US
[72] GULLA, STEFANO VINCENZO, US
[72] THOMPSON, KENNETH EVAN, US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
[85] 2019-03-13
[86] 2017-09-15 (PCT/US2017/051776)
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[30] US (62/395,551) 2016-09-16

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[51] **Int.Cl. C12N 9/04 (2006.01)**
[25] EN
[54] **GENETICALLY MODIFIED LACTATE-CONSUMING YEASTS AND FERMENTATION PROCESSES USING SUCH GENETICALLY MODIFIED YEASTS**
[54] **LEVURES GENETIQUEMENT MODIFIEES CONSOMMANT LE LACTATE ET PROCEDES DE FERMENTATION UTILISANT CES LEVURES GENETIQUEMENT MODIFIEES**
[72] FOSMER, ARLENE M., US
[72] MILLER, CHRISTOPHER K., US
[72] POYNTER, GREGORY MICHAEL, US
[72] RUSH, BRIAN JEFFREY, US
[72] VELDHOUSE, JON, US
[71] CARGILL, INCORPORATED, US
[85] 2019-03-13
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[30] US (62/395,792) 2016-09-16

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[51] **Int.Cl. C12N 5/079 (2010.01) C12N 5/0797 (2010.01) A61K 35/13 (2015.01) A61K 35/30 (2015.01) A61K 48/00 (2006.01) C07K 14/005 (2006.01) C07K 14/075 (2006.01) C12N 15/09 (2006.01) C12N 15/861 (2006.01)**
[25] EN
[54] **BLOOD-BRAIN BARRIER COMPRISING ENGINEERED ENDOTHELIAL CELLS**
[54] **BARRIERE HEMATO-ENCEPHALIQUE COMPRENANT DES CELLULES ENDOTHELIALES MODIFIEES**
[72] GINSBERG, MICHAEL DANIEL, US
[72] NOLAN, DANIEL JOSEPH, US
[72] QIANG, LIANG, US
[71] ANGIOCRINE BIOSCIENCE, INC., US
[85] 2019-03-12
[86] 2017-09-13 (PCT/US2017/051285)
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[30] US (62/393,774) 2016-09-13

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[51] **Int.Cl. H02J 3/00 (2006.01) H02J 9/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR CREATING DYNAMIC NANO GRIDS AND FOR AGGREGATING ELECTRIC POWER CONSUMERS TO PARTICIPATE IN ENERGY MARKETS**
[54] **SYSTEME ET PROCEDES DE CREATION DE NANORESEAUX DYNAMIQUES ET D'AGREGATION DE CONSOMMATEURS D'ENERGIE ELECTRIQUE EN VUE D'UNE PARTICIPATION SUR DES MARCHES ENERGETIQUES**
[72] MADONNA, ROBERT P., US
[72] ESCHHOLZ, SIEGMAR K, US
[72] DEMEO, ANNA E., US
[72] DILLON, WILLIAM H., US
[71] RACEPOINT ENERGY, LLC, US
[85] 2019-03-13
[86] 2017-09-15 (PCT/US2017/051808)
[87] (WO2018/053283)
[30] US (62/395,230) 2016-09-15
[30] US (62/406,481) 2016-10-11

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[13] A1
[51] **Int.Cl. C07D 495/14 (2006.01) A61K 31/5517 (2006.01) A61P 35/00 (2006.01) C07K 5/06 (2006.01)**
[25] EN
[54] **FUSED 1,4-DIAZEPINES AS BET PROTEIN DEGRADERS**
[54] **1,4-DIAZEPINES FUSIONNEES EN TANT QU'AGENTS DE DEGRADATION DE PROTEINES BET**
[72] WANG, SHAOMENG, US
[72] HU, YANG, US
[72] QIN, CHONG, US
[72] XU, FUMING, US
[72] HU, JIANTAO, US
[72] XIANG, WEIGUO, US
[72] ZHOU, BING, CN
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
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[86] 2017-09-13 (PCT/US2017/051286)
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[30] US (62/393,923) 2016-09-13

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[13] A1
[51] **Int.Cl. A61K 31/451 (2006.01) A61P 25/00 (2006.01) C07D 211/24 (2006.01)**
[25] EN
[54] **USE OF PRIDOPIDINE FOR THE TREATMENT OF ANXIETY AND DEPRESSION**
[54] **UTILISATION DE PRIDOPIDINE POUR LE TRAITEMENT DE L'ANXIETE ET DE LA DEPRESSION**
[72] HAYDEN, MICHAEL, IL
[72] POULADI, MAHMOUD ABDULHOSSEIN, SG
[71] PRILENIA THERAPEUTICS DEVELOPMENT LTD., IL
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[51] **Int.Cl. A61B 5/08 (2006.01) A61B 1/233 (2006.01) A61B 5/087 (2006.01) A61B 5/097 (2006.01) A61B 5/107 (2006.01) A61B 5/11 (2006.01)**
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[54] **DIAGNOSTIC TOOL AND METHODS OF USE**
[54] **OUTIL DIAGNOSTIQUE ET PROCEDES D'UTILISATION**
[72] BARON, SCOTT J., US
[72] ROSENTHAL, MICHAEL H., US
[71] SPIROX, INC., US
[85] 2019-03-13
[86] 2017-09-15 (PCT/US2017/051827)
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[30] US (62/395,936) 2016-09-16

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[13] A1
[51] **Int.Cl. B65D 43/16 (2006.01) B65D 47/08 (2006.01)**
[25] EN
[54] **CONTAINER HAVING INTERNAL THUMB TAB AND RELATED ASSEMBLIES**
[54] **RECIPIENT DISPOSANT D'UNE LANGUETTE DE POUCE INTERNE ET ENSEMBLES ASSOCIES**
[72] ABRAMS, WILLIAM, US
[72] MYERS, KASEY, US
[72] PERDUE, ETHAN ROSS, US
[71] CSP TECHNOLOGIES, INC., US
[85] 2019-03-13
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[30] US (62/395,671) 2016-09-16

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[51] **Int.Cl. A61K 31/548 (2006.01)**
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[54] **DITHIO ETP DERIVATIVES**
[54] **DERIVES DITHIO ETP**
[72] NAM, SANGKIL, US
[72] HORNE, DAVID, US
[72] OVERMAN, LARRY EUGENE, US
[72] LOERTSCHER, BRAD, US
[71] CITY OF HOPE, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2019-03-13
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[30] US (62/395,244) 2016-09-15
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[51] **Int.Cl. C12N 15/87 (2006.01)**
[25] EN
[54] **HIGH-EFFICIENCY TRANSFECTION OF BIOLOGICAL CELLS USING SONOPORATION**
[54] **TRANSFECTION TRES EFFICACE DE CELLULES BIOLOGIQUES PAR SONOPORATION**
[72] HARDEE, JENNIFER M., US
[72] ELLSON, RICHARD N., US
[72] STEARNS, RICHARD G., US
[72] HADIMIOGLU, BABUR, US
[72] OLECHNO, JOSEPH D., US
[72] BLAUWKAMP, MARSHA N., US
[71] LABCYTE INC., US
[85] 2019-03-13
[86] 2017-09-15 (PCT/US2017/051909)
[87] (WO2018/053350)
[30] US (62/395,363) 2016-09-15
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[13] A1
[51] **Int.Cl. A23G 9/04 (2006.01) A23G 9/12 (2006.01) A23G 9/22 (2006.01) A47F 1/08 (2006.01) B67D 1/00 (2006.01)**
[25] EN
[54] **BEVERAGE PREPARATION SYSTEM**
[54] **SYSTEME DE PREPARATION DE BOISSONS**
[72] HERBERT, JOHN MICHAEL, US
[72] HOTALING, BRYAN R., US
[72] MACNEILL, JOHN A., US
[72] LECLERC, SCOTT A., US
[72] NAPLES, MATT, US
[72] DEVINE, PATRICK J., US
[71] KERRY LUXEMBOURG S.A.R.L., LU
[85] 2019-03-12
[86] 2017-09-13 (PCT/US2017/051262)
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[51] **Int.Cl. C07D 417/12 (2006.01) C07D 277/64 (2006.01)**
[25] EN
[54] **KETONE INHIBITORS OF LYSINE GINGIPAIN**
[54] **INHIBITEURS CETONE DE LYSINE GINGIPAINE**
[72] KONRADI, ANDREI W., US
[72] GALEMMO, ROBERT A., JR., US
[72] DOMINY, STEPHEN S., US
[72] LYNCH, CASEY C., US
[72] HOLSINGER, LESLIE J., US
[71] CORTEXYME, INC., US
[85] 2019-03-13
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[30] US (62/395,938) 2016-09-16
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[51] **Int.Cl. F01C 7/00 (2006.01)**
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[54] **STATIC FLUID DRIVEN CONTAINER DEVICE**
[54] **DISPOSITIF RECIPIENT ENTRAINE PAR UN FLUIDE STATIQUE**
[72] BHATTACHARYA, SUMANTA, IN
[71] BHATTACHARYA, SUMANTA, IN
[85] 2019-03-11
[86] 2015-09-16 (PCT/IN2015/000359)
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[51] **Int.Cl. A61K 47/00 (2006.01) A61K 47/68 (2017.01) A61K 47/10 (2017.01) A61K 47/36 (2006.01)**
[25] EN
[54] **LONG ACTING MULTI-SPECIFIC MOLECULES AND RELATED METHODS**
[54] **MOLECULES MULTI-SPECIFIQUES A ACTION PROLONGEE ET PROCEDES ASSOCIES**
[72] LIU, SHU-MIN, US
[72] WU, DECHUN, US
[71] PRINCETON ENDURING BIOTECH, INC., US
[85] 2019-03-13
[86] 2017-10-11 (PCT/US2017/056118)
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[30] US (62/408,865) 2016-10-17

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[13] A1
[51] **Int.Cl. D21H 27/00 (2006.01)**
[25] EN
[54] **FIBROUS STRUCTURE-CONTAINING ARTICLES THAT EXHIBIT CONSUMER RELEVANT PROPERTIES**
[54] **ARTICLES CONTENANT DES STRUCTURES FIBREUSES DOTES DE PROPRIETES PERTINENTES POUR LES CONSOMMATEURS**
[72] YOUNG, CHRISTOPHER MICHAEL, US
[72] STELLJES, MICHAEL GOMER, US
[72] SUER, MICHAEL DONALD, US
[72] KLAWITTER, TIMOTHY JAMES, US
[72] BARNHOLTZ, STEVEN LEE, US
[72] SHEEHAN, JEFFREY GLEN, US
[72] TROKHAN, PAUL DENNIS, US
[72] DENBOW, JAMES ROY, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[51] **Int.Cl. C11D 1/83 (2006.01) C11D 11/00 (2006.01)**
[25] EN
[54] **PROCESS OF WASHING FABRICS THAT HAVE A CATIONICALLY CHARGED SOFTENING ACTIVE DEPOSITED THEREON**
[54] **PROCEDE DE LAVAGE DE TISSUS AYANT UN AGENT ACTIF ADOUCISSANT CHARGE CATIONIQUEMENT DEPOSE SUR CEUX-CI**
[72] URE, COLIN, GB
[72] BROOKER, ALAN THOMAS, GB
[72] MARTELL, SAMANTHA JANE, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-03-13
[86] 2017-10-20 (PCT/US2017/057491)
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[51] **Int.Cl. C12N 15/113 (2010.01) C12N 15/70 (2006.01) C12N 15/74 (2006.01)**
[25] EN
[54] **NOVEL PARATRANSGENIC SYSTEM FOR THE BIOCONTROL OF DISEASE-TRANSMITTING MOSQUITOS**
[54] **NOUVEAU SYSTEME PARATRANSGENIQUE POUR LA LUTTE BIOLOGIQUE CONTRE LES MOUSTIQUES TRANSMETTEURS DE MALADIES**
[72] RICHARD, SAYRE, US
[72] JIAANNONG, XU, US
[71] PEBBLE LABS, US
[85] 2019-03-13
[86] 2017-09-19 (PCT/US2017/052118)
[87] (WO2018/053451)
[30] US (62/395,791) 2016-09-16

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[51] **Int.Cl. B26D 1/18 (2006.01) B26D 5/00 (2006.01) B26D 7/28 (2006.01) B26D 7/30 (2006.01) B26D 1/15 (2006.01)**
[25] EN
[54] **FOOD PRODUCT SLICER WITH ASSOCIATED PORTION SCALE UNIT AND/OR USAGE AND ALERT FUNCTIONS**
[54] **TRANCHEUSE DE PRODUITS ALIMENTAIRES A UNITE DE PESE-PORTIONS ET/OU A FONCTIONS D'UTILISATION ET D'ALERTE ASSOCIEES**
[72] SCHMIDT, SCOTT N., US
[72] HUERTA-OCHOA, RUBEN T., US
[72] LEUNG, LAWRENCE S., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2019-03-13
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[51] **Int.Cl. B25G 1/02 (2006.01) B25D 1/12 (2006.01) B25G 1/01 (2006.01) B25G 3/34 (2006.01)**
[25] EN
[54] **AN ERGONOMIC TOOL**
[54] **OUTIL ERGONOMIQUE**
[72] MOSTAFA, TALAAT H. A., CA
[71] MOSTAFA, TALAAT H. A., CA
[85] 2019-03-14
[86] 2016-09-14 (PCT/CA2016/051082)
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[13] A1
[51] **Int.Cl. B01D 35/28 (2006.01)**
[25] EN
[54] **CONTAINER FOR SEPARATING MICROCARRIERS FROM CELL CULTURE FLUIDS**
[54] **CONTENEUR POUR SEPARER DES MICROSUPPORTS A PARTIR DE FLUIDES DE CULTURE CELLULAIRE**
[72] MORRISSEY, MARTIN, US
[71] EMD MILLIPORE CORPORATION, US
[85] 2019-03-13
[86] 2017-10-23 (PCT/US2017/057856)
[87] (WO2018/085070)
[30] US (62/416,309) 2016-11-02

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[51] **Int.Cl. B66C 23/36 (2006.01) B60G 9/00 (2006.01) B60P 1/54 (2006.01) B66C 23/72 (2006.01) B66C 23/74 (2006.01) B66C 23/88 (2006.01)**
[25] EN
[54] **CRANE COUNTERWEIGHT AND SUSPENSION**
[54] **CONTREPOIDS ET SUSPENSION DE GRUE**
[72] ELVERY, DALLAS, AU
[71] TEREX AUSTRALIA PTY LTD, AU
[85] 2019-03-14
[86] 2017-09-14 (PCT/AU2017/050999)
[87] (WO2018/049475)
[30] AU (2016903705) 2016-09-15

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[13] A1
[51] **Int.Cl. D21H 27/00 (2006.01) D21H 27/02 (2006.01)**
[25] EN
[54] **FIBROUS STRUCTURES**
[54] **STRUCTURES FIBREUSES**
[72] WANG, FEI, US
[72] BARKEY, DOUGLAS JAY, US
[72] CAIN, JAMES ALLEN, US
[72] DELVECCHIO, STEPHEN JOHN, US
[72] LEIMBACH, ANGELA MARIE, US
[72] PIAO, KUN, US
[72] COMER, JAMES KENNETH, US
[72] MALADEN, RYAN DOMINIC, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-03-13
[86] 2017-10-25 (PCT/US2017/058173)
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[30] US (62/412,455) 2016-10-25

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[51] **Int.Cl. E04C 2/06 (2006.01) E04C 2/34 (2006.01)**
[25] EN
[54] **HINGING DRYWALL APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE CLOISON SECHE ARTICULEE**
[72] MOSCOVITCH, JERRY, CA
[72] WILK, RAYMOND RICHARD, CA
[71] MOSCOVITCH, JERRY, CA
[71] WILK, RAYMOND RICHARD, CA
[85] 2019-03-14
[86] 2017-09-14 (PCT/CA2017/000204)
[87] (WO2018/049505)
[30] US (62/395,161) 2016-09-15

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[51] **Int.Cl. G06Q 10/08 (2012.01) H04W 4/02 (2018.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING SHOPPING FACILITIES AVAILABLE FOR CUSTOMER PICK UP OF ORDERS**
[54] **SYSTEMES ET PROCEDES DE DETERMINATION DES INSTALLATIONS D'ACHAT DISPONIBLES POUR LA RECUPERATION DE COMMANDES PAR UN CLIENT**
[72] MATTINGLY, TODD D., US
[72] WILKINSON, BRUCE W., US
[71] WALMART APOLLO, LLC, US
[85] 2019-03-13
[86] 2017-09-19 (PCT/US2017/052201)
[87] (WO2018/057498)
[30] US (62/397,568) 2016-09-21
[30] US (62/397,581) 2016-09-21
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[51] **Int.Cl. G01V 1/28 (2006.01) G01V 1/30 (2006.01)**
[25] EN
[54] **MULTI-Z HORIZON INTERPRETATION AND VISUALIZATION FROM SEISMIC DATA**
[54] **INTERPRETATION ET VISUALISATION D'HORIZON MULTI-Z A PARTIR DE DONNEES SISMIQUES**
[72] NGUYEN, NAM XUAN, US
[72] TAN, XUEWEI, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2019-03-13
[86] 2017-11-06 (PCT/US2017/060193)
[87] (WO2018/093597)
[30] US (62/423,672) 2016-11-17

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[51] **Int.Cl. H02N 99/00 (2006.01)**
[25] EN
[54] **SHAPE MEMORY ALLOY ACTUATOR WITH STRAIN GAUGE SENSOR AND POSITION ESTIMATION AND METHOD FOR MANUFACTURING SAME**
[54] **ACTIONNEUR EN ALLIAGE A MEMOIRE DE FORME DOTE D'UN CAPTEUR DE JAUGE DE CONTRAINTE ET D'UNE ESTIMATION DE POSITION, ET SON PROCEDE DE FABRICATION**
[72] ZAMANI, NIMA, CA
[72] KUNTZ, MICHAEL, CA
[72] KHAN, MOHAMMAD IBRAHEM, CA
[71] SMARTER ALLOYS INC., CA
[85] 2019-03-14
[86] 2017-09-14 (PCT/CA2017/051084)
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[30] US (62/394,491) 2016-09-14

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[51] **Int.Cl. G01G 3/08 (2006.01) A47F 5/08 (2006.01) A47F 10/00 (2006.01) A47F 10/02 (2006.01) G01G 3/02 (2006.01) G01G 9/00 (2006.01) G01G 19/00 (2006.01)**
[25] EN
[54] **STOCK LEVEL INDICATION APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE D'INDICATION DE NIVEAU DE STOCK**
[72] JONES, NICHOLAUS A., US
[72] JONES, MATTHEW A., US
[71] WALMART APOLLO, LLC, US
[85] 2019-03-13
[86] 2017-09-20 (PCT/US2017/052401)
[87] (WO2018/057560)
[30] US (62/397,015) 2016-09-20

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[51] **Int.Cl. C12N 15/79 (2006.01) C10M 105/24 (2006.01) C11B 1/00 (2006.01) C12N 1/13 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 9/02 (2006.01) C12N 9/10 (2006.01) C12N 15/53 (2006.01) C12P 7/64 (2006.01)**
[25] EN
[54] **HETEROLOGOUS PRODUCTION OF 10-METHYLSTEARIC ACID**
[54] **PRODUCTION HETEROLOGUE D'ACIDE 10-METHYLSTEARIQUE**
[72] SHAW, ARTHUR J., US
[72] BLITZBLAU, HANNAH, US
[72] CRABTREE, DONALD V., US
[71] NOVOGY, INC., US
[85] 2019-03-13
[86] 2017-09-20 (PCT/US2017/052491)
[87] (WO2018/057607)
[30] US (62/396,870) 2016-09-20

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[13] A1
[51] **Int.Cl. G06T 17/05 (2011.01) G01V 1/00 (2006.01) G06T 11/00 (2006.01)**
[25] EN
[54] **MULTI-Z HORIZON VISUALIZATION FROM SEISMIC DATA**
[54] **VISUALISATION D'HORIZONS DE VALEURS Z MULTIPLES A PARTIR DE DONNEES SISMIQUES**
[72] NGUYEN, NAM XUAN, US
[72] TAN, XUEWEI, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2019-03-13
[86] 2017-11-06 (PCT/US2017/060194)
[87] (WO2018/093598)
[30] US (62/423,687) 2016-11-17

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[13] A1
[51] **Int.Cl. B60R 16/02 (2006.01) H02M 1/44 (2007.01) B60S 5/00 (2006.01) G05F 1/46 (2006.01) H02M 1/08 (2006.01) H02M 7/66 (2006.01)**
[25] EN
[54] **ELECTRIC VEHICLE POWER-HUB AND OPERATING MODES THEREOF**
[54] **CONCENTRATEUR D'ALIMENTATION DE VEHICULE ELECTRIQUE ET MODES DE FONCTIONNEMENT DE CELUI-CI**
[72] NASR, MIAD, CA
[72] TRESCASES, OLIVIER, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[71] HAVELAAR CANADA INDUSTRIAL R & D LABORATORY LTD., CA
[85] 2019-03-14
[86] 2018-09-05 (PCT/CA2018/051071)
[87] (WO2019/046939)
[30] US (62/554,263) 2017-09-05

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[13] A1
[51] **Int.Cl. B01J 35/04 (2006.01) F01N 3/28 (2006.01)**
[25] EN
[54] **CATALYST SUBSTRATES**
[54] **SUBSTRATS DE CATALYSEUR**
[72] HE, JIANJUN, CN
[72] DENG, SHUIPING, CN
[72] CHU, GENGSHENG, CN
[72] GALLIGAN, MIKE, US
[72] LIU, YE, US
[71] BASF CORPORATION, US
[85] 2019-03-14
[86] 2016-09-23 (PCT/CN2016/099844)
[87] (WO2018/053792)

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[13] A1
[51] **Int.Cl. G01V 1/28 (2006.01)**
[25] EN
[54] **MULTI-Z HORIZON INTERPRETATION AND EDITING WITHIN SEISMIC DATA**
[54] **INTERPRETATION ET EDITION D'HORIZON MULTI-Z DANS DES DONNEES SISMIQUES**
[72] NGUYEN, NAM XUAN, US
[72] TAN, XUEWEI, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2019-03-13
[86] 2017-11-06 (PCT/US2017/060204)
[87] (WO2018/093599)
[30] US (62/423,690) 2016-11-17

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[13] A1
[51] **Int.Cl. A62C 2/12 (2006.01) A62C 2/24 (2006.01) B01L 1/00 (2006.01) E05F 1/00 (2006.01)**
[25] EN
[54] **VENTED SAFETY CABINET WITH THERMALLY-ACTUATED DAMPER**
[54] **ARMOIRE DE SECURITE VENTILEE AVEC AMORTISSEUR A ACTIONNEMENT THERMIQUE**
[72] CARTER, GLEN A., US
[71] JUSTRITE MANUFACTURING COMPANY, LLC, US
[85] 2019-03-13
[86] 2018-01-26 (PCT/US2018/015528)
[87] (WO2019/045770)
[30] US (15/688,626) 2017-08-28

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[13] A1
[51] **Int.Cl. C07C 13/547 (2006.01) A01N 3/00 (2006.01) A01N 3/02 (2006.01) A01N 27/00 (2006.01) C07C 13/39 (2006.01)**
[25] EN
[54] **METHOD OF RETARDING AN ETHYLENE RESPONSE**
[54] **PROCEDE DE RETARDEMENT D'UNE REPONSE ETHYLENE**
[72] SINGH, ZORA, AU
[72] PAYNE, ALAN DAVID, AU
[72] KAHN, SHAMIM AHMED KAMAL UDDIN, AU
[72] MUSA, MUFTAH MILOAD, AU
[71] CURTIN UNIVERSITY OF TECHNOLOGY, AU
[85] 2019-03-14
[86] 2017-09-15 (PCT/AU2017/000197)
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[30] AU (2016903712) 2016-09-15

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[51] **Int.Cl. B65D 43/16 (2006.01) A47K 10/20 (2006.01) A47K 10/24 (2006.01) A47K 10/42 (2006.01) B65D 43/22 (2006.01) B65D 43/26 (2006.01)**
[25] EN
[54] **FITMENT**
[54] **ACCESSOIRE**
[72] SEIBERT, BRYAN K., US
[72] KOST, ERIC, US
[71] BERRY GLOBAL, INC., US
[85] 2019-03-13
[86] 2017-09-20 (PCT/US2017/052543)
[87] (WO2018/057640)
[30] US (62/398,052) 2016-09-22

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[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01) G01V 3/26 (2006.01) G01V 3/38 (2006.01)**
[25] EN
[54] **MULTI-Z HORIZON AUTO-TRACKING**
[54] **POURSUITE AUTOMATIQUE D'HORIZONS MULTI-Z**
[72] NGUYEN, NAM XUAN, US
[72] WANG, KAINAN, US
[72] TAN, XUEWEI, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2019-03-13
[86] 2017-10-20 (PCT/US2017/057686)
[87] (WO2018/093531)
[30] US (62/424,334) 2016-11-18

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/68 (2017.01) A61K 39/395 (2006.01) A61P 19/02 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01)**
[25] EN
[54] **ANTIBODY SPECIFICALLY BINDING TO PD-1 AND FUNCTIONAL FRAGMENT THEREOF**
[54] **ANTICORPS SE LIANT SPECIFIQUEMENT A PD -1 ET FRAGMENT FONCTIONNEL DE CELUI-CI**
[72] YANG, YAPING, CN
[72] LIU, JIAWANG, CN
[72] SONG, NANMENG, CN
[72] ZHANG, HONGJUAN, CN
[72] JIN, MENGXIE, CN
[71] BEIJING HANMI PHARM. CO., LTD., CN
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[51] **Int.Cl. C07K 16/24 (2006.01) A61K 47/68 (2017.01) A61K 39/395 (2006.01) A61P 19/02 (2006.01) A61P 37/02 (2006.01)**
[25] EN
[54] **ANTIBODY SPECIFICALLY BINDING TO IL-17A AND FUNCTIONAL FRAGMENT THEREOF**
[54] **ANTICORPS SE LIANT SPECIFIQUEMENT A IL -17 A ET FRAGMENT FONCTIONNEL DE CELUI-CI**
[72] SONG, NANMENG, CN
[72] LIU, JIAWANG, CN
[72] YANG, YAPING, CN
[72] YANG, YANG, CN
[72] YANG, DONGGE, CN
[72] ZHANG, HONGJUAN, CN
[72] JIN, MENGXIE, CN
[71] BEIJING HANMI PHARM. CO., LTD., CN
[85] 2019-03-14
[86] 2017-09-08 (PCT/CN2017/101083)
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[51] **Int.Cl. G01S 13/90 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN EARTH OBSERVATION IMAGE OF A REGION BY MEANS OF A RADAR HAVING SYNTHETIC APERTURE**
[54] **PROCEDE DE PRODUCTION D'UNE IMAGE D'OBSERVATION TERRESTRE D'UNE REGION AU MOYEN D'UN RADAR A SYNTHESE D'OUVERTURE**
[72] MITTERMAYER, JOSEF, DE
[72] LOPEZ-DEKKER, PACO, DE
[72] PAU, PRATS-IRAOLA, DE
[72] KRAUS, THOMAS, DE
[72] KRIEGER, GERHARD, DE
[72] MOREIRA, ALBERTO, DE
[71] DEUTSCHES ZENTRUM FUR LUFT- UND RAUMFAHRT E.V., DE
[85] 2019-03-14
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[51] **Int.Cl. H03M 13/13 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING DATA USING A POLAR CODE**
[54] **PROCEDE ET APPAREIL DE CODAGE DE DONNEES A L'AIDE D'UN CODE POLAIRE**
[72] ZHANG, HUAZI, CN
[72] TONG, JIAJIE, CN
[72] LI, RONG, CN
[72] WANG, JUN, CN
[72] TONG, WEN, CA
[72] GE, YIQUN, CA
[72] LIU, XIAOCHENG, CN
[72] ZHANG, GONGZHENG, CN
[72] WANG, JIAN, CA
[72] CHENG, NAN, CA
[72] ZHANG, QIFAN, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2019-03-14
[86] 2017-09-13 (PCT/CN2017/101528)
[87] (WO2018/050062)
[30] US (62/395,312) 2016-09-15
[30] US (62/396,618) 2016-09-19
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[30] US (62/432,448) 2016-12-09
[30] US (62/432,416) 2016-12-09
[30] US (62/433,127) 2016-12-12
[30] US (15/699,967) 2017-09-08

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[51] **Int.Cl. C04B 41/00 (2006.01) C04B 41/80 (2006.01) C04B 41/89 (2006.01)**
[25] EN
[54] **SILICON-BASED MATERIALS CONTAINING BORON**
[54] **MATERIAUX A BASE DE SILICIUM CONTENANT DU BORE**
[72] KIRBY, GLEN HAROLD, US
[72] WAN, JULIN, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2019-03-14
[86] 2017-09-14 (PCT/CN2017/101681)
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[30] US (15/267,614) 2016-09-16

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[25] EN
[54] **COLD IN-PLACE RECYCLING MACHINE WITH SURGE TANK**
[54] **MACHINE DE RECYCLAGE A FROID IN SITU DOTEE D'UN RESERVOIR D'EXPANSION**
[72] CHRISTIAN, RICHARD, US
[71] ROADTEC, INC., US
[85] 2019-03-13
[86] 2017-09-21 (PCT/US2017/052678)
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[51] **Int.Cl. E06B 3/663 (2006.01)**
[25] EN
[54] **MODULAR SYSTEM FOR A MULTIPLE INSULATING GLAZING UNIT, MULTIPLE INSULATING GLAZING UNIT, AND METHOD FOR PRODUCING THE MULTIPLE INSULATING GLAZING UNIT**
[54] **SYSTEME MODULAIRE POUR VITRAGE ISOLANT A PLUSIEURS PANNEAUX, VITRAGE ISOLANT A PLUSIEURS PANNEAUX, ET PROCEDE DE FABRICATION DU VITRAGE ISOLANT A PLUSIEURS PANNEAUX**
[72] SCHREIBER, WALTER, DE
[72] KUSTER, HANS-WERNER, DE
[72] MAURER, MARC, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2019-03-14
[86] 2017-07-03 (PCT/EP2017/066460)
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[51] **Int.Cl. A23L 3/26 (2006.01) A01C 1/08 (2006.01) A61L 2/08 (2006.01) B65B 55/08 (2006.01) G21K 5/00 (2006.01) H01J 33/00 (2006.01) B07B 13/11 (2006.01) B07C 5/00 (2006.01)**
[25] EN
[54] **APPARATUSES AND METHODS FOR PASTEURIZING AND/OR STERILIZING PARTICULATE MATERIAL AND CASSETTE**
[54] **DISPOSITIFS ET PROCEDES DE PASTEURISATION ET/OU DE STERILISATION DE PRODUIT PARTICULAIRE ET CASSETTE**
[72] HERSCHE, MARTIN, CH
[72] MENESES, NICOLAS, CH
[72] CURRIE, ALASDAIR, GB
[72] SCHONENBERGER, NIKLAUS, CH
[72] SCHEIWILLER, THOMAS, CH
[71] BUHLER AG, CH
[85] 2019-03-14
[86] 2017-08-17 (PCT/EP2017/070842)
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[51] **Int.Cl. G06T 5/20 (2006.01) G06T 5/50 (2006.01) H04N 9/64 (2006.01)**
[25] EN
[54] **ISP BIAS-COMPENSATING NOISE REDUCTION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE REDUCTION DE BRUIT DE COMPENSATION DE POLARISATION DE PROCESSEURS DE SIGNAUX D'IMAGE**
[72] KORNELIUSSEN, JAN TORE, NO
[71] HUDDLY INC., US
[85] 2019-03-13
[86] 2017-09-26 (PCT/US2017/053440)
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[51] **Int.Cl. A61F 13/49 (2006.01) A61F 13/15 (2006.01) A61F 13/496 (2006.01)**
[25] EN
[54] **NOVEL REUSABLE SWIM DIAPER**
[54] **COUCHE-CULOTTE DE BAIN REUTILISABLE INNOVANTE**
[72] LASSIG, CLAUDIA, DE
[71] LASSIG HOLDING GMBH, DE
[85] 2019-03-14
[86] 2017-08-25 (PCT/EP2017/071450)
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[51] **Int.Cl. G06F 9/50 (2006.01) G06F 11/30 (2006.01)**
[25] EN
[54] **DETECTING SERVICE VULNERABILITIES IN A DISTRIBUTED COMPUTING SYSTEM**
[54] **DETECTION DE VULNERABILITES DE SERVICE DANS UN SYSTEME INFORMATIQUE DISTRIBUE**
[72] BASIRI, ALI, US
[72] BLOHOWIAK, AARON, US
[72] HOCHSTEIN, LORIN, US
[72] ROSENTHAL, CASEY, US
[71] NETFLIX, INC., US
[85] 2019-03-13
[86] 2017-09-27 (PCT/US2017/053841)
[87] (WO2018/064236)
[30] US (62/401,095) 2016-09-28
[30] US (15/393,183) 2016-12-28

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[51] **Int.Cl. F17C 3/02 (2006.01) F17C 3/08 (2006.01)**
[25] EN
[54] **A FUEL TANK UNIT**
[54] **UNITE DE STOCKAGE DE CARBURANT**
[72] BOARO, LUCA, IT
[72] ZOTTI, ANDREA, IT
[71] WARTSILA FINLAND OY, FI
[85] 2019-03-14
[86] 2016-10-05 (PCT/FI2016/050693)
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[51] **Int.Cl. C12N 5/0783 (2010.01) A61K 35/17 (2015.01)**
[25] EN
[54] **MODIFIED STEM CELL MEMORY T CELLS, METHODS OF MAKING AND METHODS OF USING SAME**
[54] **CELLULES T DE MEMOIRE DE CELLULES SOUCHES MODIFIEES, PROCEDES DE FABRICATION ET PROCEDES D'UTILISATION CORRESPONDANTS**
[72] OSTERTAG, ERIC, US
[72] SHEDLOCK, DEVON, US
[71] POSEIDA THERAPEUTICS, INC., US
[85] 2019-03-13
[86] 2017-10-02 (PCT/US2017/054799)
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[30] US (62/402,707) 2016-09-30
[30] US (62/502,508) 2017-05-05
[30] US (62/553,058) 2017-08-31
[30] US (62/556,309) 2017-09-08

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[25] EN
[54] **HYBRID BATTERY SYSTEM**
[54] **SYSTEME DE BATTERIE HYBRIDE**
[72] KRISHNAN, RAMKUMAR, US
[72] FINK, SHAWN, US
[71] NANTENERGY, INC., US
[85] 2019-03-14
[86] 2017-09-13 (PCT/IB2017/055535)
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[30] US (62/395,112) 2016-09-15

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[51] **Int.Cl. G01S 19/40 (2010.01) G01S 19/11 (2010.01) G01S 19/22 (2010.01)**
[25] EN
[54] **LOCALIZATION AND TRACKING USING LOCATION, SIGNAL STRENGTH, AND PSEUDORANGE DATA**
[54] **LOCALISATION ET SUIVI A L'AIDE D'UN EMPLACEMENT, D'UNE INTENSITE DE SIGNAL ET DE DONNEES DE PSEUDO-DISTANCE**
[72] MADHOW, UPAMANYU, US
[72] IRISH, ANDREW, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2019-03-14
[86] 2017-09-14 (PCT/IB2017/055581)
[87] (WO2018/051274)
[30] US (62/394,703) 2016-09-14
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[51] **Int.Cl. C07D 207/48 (2006.01) A61K 31/40 (2006.01) A61K 31/41 (2006.01) A61K 31/4439 (2006.01) A61K 31/506 (2006.01) A61P 1/16 (2006.01) A61P 9/00 (2006.01) A61P 11/00 (2006.01) A61P 11/14 (2006.01) A61P 13/10 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 413/12 (2006.01) C07D 498/10 (2006.01)**
[25] EN
[54] **TRPV4 ANTAGONISTS**
[54] **ANTAGONISTES DE TRPV4**
[72] BRNARDIC, EDWARD J., US
[72] BROOKS, CARL A., US
[72] LAWHORN, BRIAN GRIFFIN, US
[72] YE, GUOSEN, US
[72] BARTON, LINDA S., US
[72] BUDZIK, BRIAN W., US
[72] MATTHEWS, JAY M., US
[72] MCATEE, JOHN JEFFREY, US
[72] PATTERSON, JACLYN R., US
[72] PERO, JOSEPH E., US
[72] SANCHEZ, ROBERT, US
[72] SENDER, MATTHEW ROBERT, US
[72] TERRELL, LAMONT ROSCOE, US
[72] BEHM, DAVID J., US
[72] THOMAS, JAMES V., US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB
[85] 2019-03-14
[86] 2017-09-20 (PCT/IB2017/055700)
[87] (WO2018/055524)
[30] US (62/396,991) 2016-09-20
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[51] **Int.Cl. A61B 5/08 (2006.01) G06Q 50/22 (2018.01) A61B 5/00 (2006.01) H04M 1/725 (2006.01)**
[25] EN
[54] **SYSTEM FOR IN-HOME SELF-ASSESSMENT OF RISK FOR ABNORMAL AIRFLOW DURING SLEEP**
[54] **SYSTEME D'AUTO-EVALUATION A DOMICILE DU RISQUE DE FLUX D'AIR ANORMAL PENDANT LE SOMMEIL**
[72] WOOD, STEVEN M., US
[72] WYLIE, PAUL, US
[72] ARDREY, BILL, US
[72] MYERS, ALEX, US
[71] SLEEPBIT, LLC, US
[85] 2019-03-13
[86] 2017-10-04 (PCT/US2017/055037)
[87] (WO2018/067637)
[30] US (62/403,977) 2016-10-04
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[51] **Int.Cl. A23L 3/26 (2006.01) A23B 9/06 (2006.01)**
[25] EN
[54] **METHODS FOR PASTEURIZING AND/OR STERILIZING PARTICULATE GOODS**
[54] **PROCEDES DE PASTEURISATION ET/OU DE STERILISATION DE PRODUIT PARTICULAIRE**
[72] MENESES, NICOLAS, CH
[72] HERSCHE, MARTIN, CH
[72] CURRIE, ALASDAIR, GB
[72] SCHONENBERGER, NIKLAUS, CH
[72] SCHEIWILLER, THOMAS, CH
[71] BUHLER AG, CH
[85] 2019-03-14
[86] 2017-08-17 (PCT/EP2017/070843)
[87] (WO2018/036900)
[30] EP (16185056.5) 2016-08-20

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[51] **Int.Cl. G01N 27/447 (2006.01) B01J 19/00 (2006.01) B01L 3/00 (2006.01)**
[25] EN
[54] **APPARATUSES, METHODS AND SYSTEMS FOR AUTOMATED PROCESSING OF NUCLEIC ACIDS AND ELECTROPHORETIC SAMPLE PREPARATION**
[54] **APPAREILS, PROCEDES ET SYSTEMES POUR LE TRAITEMENT AUTOMATIQUE D'ACIDES NUCLEIQUES ET LA PREPARATION ELECTROPHORETIQUE D'ECHANTILLON**
[72] ABRAMS, EZRA SOLOMON, US
[72] BARBERA, TODD J., US
[71] SAGE SCIENCE, INC., US
[85] 2019-03-13
[86] 2017-10-04 (PCT/US2017/055193)
[87] (WO2018/067736)
[30] US (62/404,112) 2016-10-04

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[51] **Int.Cl. C07D 207/48 (2006.01) A61K 31/40 (2006.01) A61K 31/41 (2006.01) A61K 31/426 (2006.01) A61K 31/4439 (2006.01) A61P 1/16 (2006.01) A61P 9/00 (2006.01) A61P 11/00 (2006.01) A61P 11/14 (2006.01) A61P 13/10 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **TRPV4 ANTAGONISTS**
[54] **ANTAGONISTES DE TRPV4**
[72] BRNARDIC, EDWARD J, US
[72] BROOKS, CARL A., US
[72] LAWHORN, BRIAN GRIFFIN, US
[72] LI, PENG, US
[72] MATTHEWS, JAY M., US
[72] MCATEE, JOHN JEFFREY, US
[72] SENDER, MATTHEW ROBERT, US
[72] TERRELL, LAMONT ROSCOE, US
[72] PERO, JOSEPH E., US
[72] BEHM, DAVID J., US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB
[85] 2019-03-14
[86] 2017-09-20 (PCT/IB2017/055702)
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[30] US (62/397,008) 2016-09-20
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[51] **Int.Cl. G01V 3/38 (2006.01)**
[25] EN
[54] **BOUNDARY ADJUSTMENT OF VERTICAL SEISMIC SECTIONS OF THREE-DIMENSIONAL SEISMIC SURVEYS TO REMOVE DATA GAPS**
[54] **AJUSTEMENT DE LIMITES DE SECTIONS SISMIQUES VERTICALES DE RELEVES SISMIQUES TRIDIMENSIONNELLES POUR ELIMINER DES LACUNES DANS LES DONNEES**
[72] NGUYEN, NAM XUAN, US
[72] MASET, RICHARD GEORGE, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2019-03-13
[86] 2017-10-09 (PCT/US2017/055705)
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[30] US (62/424,127) 2016-11-18

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[51] **Int.Cl. B32B 5/02 (2006.01) B32B 3/30 (2006.01) B32B 9/02 (2006.01) B32B 9/04 (2006.01) B32B 21/02 (2006.01) B32B 21/06 (2006.01) B32B 21/08 (2006.01) B32B 27/08 (2006.01) B32B 27/10 (2006.01) B32B 27/12 (2006.01) E04F 15/02 (2006.01) E04F 15/10 (2006.01)**
[25] EN
[54] **FLOOR PANEL AND METHOD FOR MANUFACTURING A FLOOR PANEL**
[54] **PANNEAU DE PLANCHER ET PROCEDE DE FABRICATION D'UN PANNEAU DE PLANCHER**
[72] VAN VLASSENRODE, KRISTOF, BE
[72] VANHULLE, NICK, BE
[71] IVC BVBA, BE
[85] 2019-03-14
[86] 2017-09-28 (PCT/IB2017/055965)
[87] (WO2018/065859)
[30] BE (BE2016/5732) 2016-10-03
[30] US (62/443,166) 2017-01-06

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[51] **Int.Cl. C07D 213/75 (2006.01)**
[25] EN
[54] **OPTIMIZED PRODUCTION METHOD FOR PEST CONTROL AGENT**
[54] **PROCEDE DE PRODUCTION OPTIMISE POUR AGENT DE LUTTE ANTIPARASITAIRE**
[72] KITSUDA, SHIGEKI, JP
[72] NAKANISHI, NOZOMU, JP
[72] SUMI, SHINJIRO, JP
[71] MEIJI SEIKA PHARMA CO., LTD., JP
[85] 2019-03-14
[86] 2017-09-15 (PCT/JP2017/033461)
[87] (WO2018/052115)
[30] JP (2016-181235) 2016-09-16

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[25] EN
[54] **COMPOSITION WHICH CONTAINS LACTIC ACID BACTERIUM AS EFFECTIVE COMPONENT AND WHICH IS FOR PREVENTING OR AMELIORATING SKIN CONDITION DETERIORATION CAUSED BY ABNORMAL PROLIFERATION OF SPECIFIC BACTERIUM IN SKIN**
[54] **COMPOSITION QUI CONTIENT UNE BACTERIE D'ACIDE LACTIQUE COMME PRINCIPE ACTIF ET QUI SERT A PREVENIR OU A AMELIORER LA DETERIORATION DE L'ETAT DE LA PEAU PROVOQUEE PAR LA PROLIFERATION ANORMALE DE BACTERIES SPECIFIQUES AU NIVEAU DE LA PEAU**
[72] TSUJI, RYOHEI, JP
[72] FUJII, TOSHIO, JP
[71] KIRIN COMPANY, LIMITED, JP
[85] 2019-03-14
[86] 2017-09-07 (PCT/JP2017/032330)
[87] (WO2018/051895)
[30] JP (2016-180851) 2016-09-15

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[51] **Int.Cl. G06F 3/0489 (2013.01) G06F 3/01 (2006.01) G06F 3/023 (2006.01) G06F 17/28 (2006.01) G10L 13/08 (2013.01)**
[25] EN
[54] **CHARACTER INPUT APPARATUS**
[54] **APPAREIL DE SAISIE DE CARACTERES**
[72] LEE, GYU HONG, KR
[72] YU, GANG SEON, KR
[71] LEE, GYU HONG, KR
[71] YU, GANG SEON, KR
[71] DAESAN BIOTECH, KR
[85] 2019-03-14
[86] 2017-08-25 (PCT/KR2017/009325)
[87] (WO2018/056597)
[30] KR (10-2016-0121857) 2016-09-23

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[51] **Int.Cl. G06F 3/023 (2006.01) G06F 3/0488 (2013.01) G06F 3/0489 (2013.01) G06F 3/01 (2006.01) G06F 3/02 (2006.01)**
[25] EN
[54] **CHARACTER INPUT DEVICE**
[54] **DISPOSITIF DE SAISIE DE CARACTERES**
[72] LEE, GYU HONG, KR
[72] YU, GANG SEON, KR
[71] LEE, GYU HONG, KR
[71] DAESAN BIOTECH, KR
[71] YU, GANG SEON, KR
[85] 2019-03-14
[86] 2017-09-21 (PCT/KR2017/010423)
[87] (WO2018/056729)
[30] KR (10-2016-0121856) 2016-09-23

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01)**
[25] EN
[54] **THERAPY FOR DRUG-RESISTANT CANCER BY ADMINISTRATION OF ANTI-HER2 ANTIBODY/DRUG CONJUGATE**
[54] **TRAITEMENT CONTRE LE CANCER PHARMACORESISTANT PAR ADMINISTRATION D'UN CONJUGUE ANTICORPS ANTI-HER2/MEDICAMENT**
[72] JIKOH, TAKAHIRO, JP
[72] OGITANI, YUSUKE, JP
[72] YOSHIHARA, KAZUTAKA, JP
[72] ENDO, SEIKO, JP
[72] FUJISAKI, YOSHIHIKO, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2019-03-14
[86] 2017-10-05 (PCT/JP2017/036215)
[87] (WO2018/066626)
[30] JP (2016-199341) 2016-10-07
[30] JP (2017-097589) 2017-05-16
[30] JP (2017-172814) 2017-09-08

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[13] A1
[51] **Int.Cl. B63B 59/08 (2006.01) A01K 61/60 (2017.01)**
[25] EN
[54] **DEVICE FOR CLEANING A SURFACE OF A STRUCTURE, THE SURFACE BEING SUBMERGED IN A WATER COLUMN**
[54] **DISPOSITIF DE NETTOYAGE D'UNE SURFACE D'UNE STRUCTURE, LA SURFACE ETANT IMMERGEE DANS UNE COLONNE D'EAU**
[72] MOLAUG, OLE, NO
[72] MOLAUG, ANDERS, NO
[72] AAMODT, HARALD, NO
[71] AQUA ROBOTICS AS, NO
[85] 2019-03-14
[86] 2017-09-21 (PCT/NO2017/050240)
[87] (WO2018/056835)
[30] NO (20161527) 2016-09-23

[21] **3,036,943**
[13] A1
[51] **Int.Cl. A61K 9/72 (2006.01) A24B 15/18 (2006.01) A24F 47/00 (2006.01)**
[25] EN
[54] **MEDICAL CIGARETTE OR CIGARETTE-LIKE DEVICE FOR ADMINISTRATION OF SUBSTANCES**
[54] **CIGARETTE MEDICALE OU DISPOSITIF DE TYPE CIGARETTE POUR L'ADMINISTRATION DE SUBSTANCES**
[72] VALADI, MAHMOOD, SE
[71] VALADI, MAHMOOD, SE
[85] 2019-03-14
[86] 2017-08-14 (PCT/SE2017/050819)
[87] (WO2018/034608)
[30] US (15/236,527) 2016-08-15

[21] **3,036,945**
[13] A1
[51] **Int.Cl. H01L 39/04 (2006.01)**
[25] EN
[54] **REDUCING DISSIPATION AND FREQUENCY NOISE IN QUANTUM DEVICES USING A LOCAL VACUUM CAVITY**
[54] **REDUCTION DE DISSIPATION ET DE BRUIT DE FREQUENCE DANS DES DISPOSITIFS QUANTIQUES A L'AIDE D'UNE CAVITE A VIDE LOCAL**
[72] MEGRANT, ANTHONY EDWARD, US
[71] GOOGLE LLC, US
[85] 2019-03-14
[86] 2016-09-14 (PCT/US2016/051703)
[87] (WO2018/052414)

[21] **3,036,946**
[13] A1
[51] **Int.Cl. C10L 5/04 (2006.01) C09K 3/22 (2006.01) C10L 5/24 (2006.01) C10L 5/32 (2006.01) C10L 10/02 (2006.01)**
[25] EN
[54] **METHOD FOR IMPROVING TRANSPORT AND HANDLING OF DUST EMITTING SOLIDS MATERIALS**
[54] **PROCEDE POUR AMELIORER LE TRANSPORT ET LA MANIPULATION DE MATERIAUX SOLIDES EMETTANT DE LA POUSSIERE**
[72] TURUNC, UMIT, US
[72] RAAB, MICHAEL T., US
[72] UNDLIN, DAVID ALLEN, US
[72] UYTIEPO, BRYCE ANDEN, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2019-03-14
[86] 2017-05-10 (PCT/US2017/031844)
[87] (WO2018/052492)
[30] US (62/394,421) 2016-09-14

[21] **3,036,947**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **HEART VALVE PINCH DEVICES AND DELIVERY SYSTEMS**
[54] **DISPOSITIFS DE PINCEMENT DE VALVULE CARDIAQUE ET SYSTEMES D'ADMINISTRATION**
[72] RAFI, HAMID, US
[72] JOSEPH, RUSSELL T., US
[72] BOWES, ROBERT, US
[72] TRINH, UY D., US
[72] KARAPETIAN, EMIL, US
[72] BAK-BOYCHUK, GREGORY, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2019-03-14
[86] 2017-09-14 (PCT/US2017/051653)
[87] (WO2018/053194)
[30] US (62/395,283) 2016-09-15
[30] US (15/703,888) 2017-09-13

[21] **3,036,948**
[13] A1
[51] **Int.Cl. F24C 7/08 (2006.01)**
[25] EN
[54] **DEVICE FOR OPERATING A BUILT-IN KITCHEN APPLIANCE**
[54] **DISPOSITIF DE COMMANDE D'UN USTENSILE DE CUISINE INTEGRE**
[72] SCHMOLLER, ANTON, AT
[72] KONNEKER, WALTER, DE
[71] BRUCKBAUER, WILHELM, DE
[85] 2019-03-14
[86] 2017-09-07 (PCT/EP2017/072478)
[87] (WO2018/050542)
[30] DE (10 2016 217 724.9) 2016-09-16

[21] **3,036,950**
[13] A1
[51] **Int.Cl. B23D 21/00 (2006.01) B23D 35/00 (2006.01) B26D 1/14 (2006.01) B26D 1/16 (2006.01) B26D 1/18 (2006.01) B26D 1/20 (2006.01) B26D 3/16 (2006.01) B26D 1/00 (2006.01)**
[25] EN
[54] **ECCENTRIC CUTTING DRIVE HAVING A VARIABLE STROKE**
[54] **ENTRAINEMENT EXCENTRIQUE DE COUPE A COURSE VARIABLE**
[72] RATTUNDE, ULRICH, DE
[71] RATTUNDE AG, DE
[85] 2019-03-14
[86] 2017-09-11 (PCT/EP2017/072697)
[87] (WO2018/054706)
[30] DE (10 2016 117 956.6) 2016-09-23

[21] **3,036,952**
[13] A1
[51] **Int.Cl. G06F 3/023 (2006.01) G06F 3/01 (2006.01) G06F 3/02 (2006.01) G06F 17/28 (2006.01)**
[25] EN
[54] **MULTILINGUAL CHARACTER INPUT DEVICE**
[54] **DISPOSITIF DE SAISIE DE CARACTERES MULTILINGUES**
[72] LEE, GYU HONG, KR
[72] YU, GANG SEON, KR
[71] DAESAN BIOTECH, KR
[71] LEE, GYU HONG, KR
[71] YU, GANG SEON, KR
[85] 2019-03-14
[86] 2017-09-22 (PCT/KR2017/010473)
[87] (WO2018/056752)
[30] KR (10-2016-0121855) 2016-09-23

[21] **3,036,953**
[13] A1
[51] **Int.Cl. B01D 53/00 (2006.01) B01D 53/44 (2006.01) B01D 53/86 (2006.01)**
[25] EN
[54] **A PROCESS FOR LOW TEMPERATURE GAS CLEANING WITH OZONE AND A CATALYTIC BAG FILTER FOR USE IN THE PROCESS**
[54] **PROCEDE DE NETTOYAGE DE GAZ A BASSE TEMPERATURE A L'OZONE ET FILTRE A SAC CATALYTIQUE A UTILISER DANS LE PROCEDE**
[72] MUNSTER-SWENDSEN, JANUS EMIL, DK
[72] JAKOBSSON, NIKLAS BENGT, SE
[71] HALDOR TOPSOE A/S, DK
[85] 2019-03-14
[86] 2017-09-11 (PCT/EP2017/072728)
[87] (WO2018/065175)
[30] DK (PA 2016 00603) 2016-10-07

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[13] A1
[51] **Int.Cl. C08K 3/26 (2006.01) C08K 3/36 (2006.01)**
[25] EN
[54] **FASTENER RETENTION MATERIAL AND METHOD**
[54] **MATERIAU ET PROCEDE DE MAINTIEN D'ATTACHE**
[72] ALAIMO, GREGORY, US
[72] GRADOZZI, DOMINIC J., US
[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
[71] NYLOK LLC, US
[85] 2019-03-14
[86] 2017-09-12 (PCT/EP2017/072901)
[87] (WO2018/050641)
[30] US (62/395,148) 2016-09-15
[30] EP (16203646.1) 2016-12-13

[21] **3,036,956**
[13] A1
[51] **Int.Cl. H04R 17/00 (2006.01) H01L 41/04 (2006.01) H04R 3/00 (2006.01)**
[25] EN
[54] **METHOD AND CIRCUIT FOR OPERATING A PIEZOELECTRIC MEMS SOUND TRANSDUCER AND INTEGRATED CIRCUITRY HAVING SUCH A CIRCUIT**
[54] **PROCEDE ET CIRCUIT DESTINES AU FONCTIONNEMENT D'UN TRANSDUCTEUR ACOUSTIQUE MEMS PIEZOELECTRIQUE AINSI QUE CIRCUIT INTEGRE POURVU D'UN TEL CIRCUIT**
[72] RUSCONI CLERICI BELTRAMI, ANDREA, AT
[72] BOTTONI, FERRUCCIO, AT
[72] HAENSLER, MARKUS, AT
[71] USOUND GMBH, AU
[85] 2019-03-14
[86] 2017-09-13 (PCT/EP2017/073050)
[87] (WO2018/050712)
[30] DE (10 2016 117 239.1) 2016-09-14

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[13] A1
[51] **Int.Cl. A45F 3/16 (2006.01) A45F 3/00 (2006.01) A45F 5/00 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **WEARABLE MODULAR CARRYING SYSTEM AND METHODS OF USE**
[54] **SYSTEME DE TRANSPORT MODULAIRE PORTABLE ET PROCEDES D'UTILISATION**
[72] GOLDMAN, ANTHONY R., US
[71] SANTC GROUP, INC., US
[85] 2019-03-14
[86] 2016-09-15 (PCT/US2016/051875)
[87] (WO2017/048914)
[30] US (62/218,634) 2015-09-15

[21] **3,036,959**
[13] A1
[51] **Int.Cl. A61K 39/12 (2006.01) C07K 14/005 (2006.01)**
[25] EN
[54] **TRIMER STABILIZING HIV ENVELOPE PROTEIN MUTATIONS**
[54] **MUTATIONS DE PROTEINE D'ENVELOPPE DU VIH STABILISANT LA FORME TRIMERE**
[72] RUTTEN, LUCY, NL
[72] TRUAN, DAPHNE, NL
[72] STROKAPPE, NIKA MINDY, NL
[72] LANGEDIJK, JOHANNES PETRUS MARIA, NL
[71] JANSSEN VACCINES & PREVENTION B.V., NL
[85] 2019-03-14
[86] 2017-09-14 (PCT/EP2017/073141)
[87] (WO2018/050747)
[30] EP (16188866.4) 2016-09-15

[21] **3,036,961**
[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01) G01V 1/40 (2006.01) G01V 1/52 (2006.01)**
[25] EN
[54] **WELLBORE DISTRIBUTED ACOUSTIC SENSING SYSTEM USING A MODE SCRAMBLER**
[54] **SYSTEME DE DETECTION ACOUSTIQUE REPARTIE DE PUITS DE FORAGE METTANT EN □UVRE UN BROUILLEUR DE MODES**
[72] BARFOOT, DAVID, US
[72] THERRIEN, JASON EDWARD, US
[72] LAN, XINWEI, US
[72] MARTINEZ, YENNY NATALI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-03-14
[86] 2016-11-17 (PCT/US2016/062425)
[87] (WO2018/093366)

[21] **3,036,962**
[13] A1
[51] **Int.Cl. G01N 33/576 (2006.01) G01N 33/92 (2006.01)**
[25] EN
[54] **METHOD OF DIAGNOSIS OF NON-ALCOHOLIC FATTY LIVER DISEASES**
[54] **METHODE DE DIAGNOSTIC DE STEATOSES HEPATIQUES NON ALCOOLIQUES**
[72] POYNARD, THIERRY, FR
[71] BIOPREDICTIVE, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[85] 2019-03-14
[86] 2017-09-15 (PCT/EP2017/073241)
[87] (WO2018/050804)
[30] EP (16306186.4) 2016-09-16

[21] **3,036,964**
[13] A1
[51] **Int.Cl. B32B 7/02 (2019.01) B32B 18/00 (2006.01) C23C 14/18 (2006.01)**
[25] EN
[54] **COMPOSITIONS CONTAINING GALLIUM AND/OR INDIUM AND METHODS OF FORMING THE SAME**
[54] **COMPOSITIONS CONTENANT DU GALLIUM ET/OU DE L'INDIUM ET LEURS PROCEDES DE FORMATION**
[72] KIRBY, GLEN HAROLD, US
[72] WAN, JULIN, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2019-03-14
[86] 2017-09-01 (PCT/US2017/049849)
[87] (WO2018/052739)
[30] US (15/267,335) 2016-09-16
[30] US (15/267,370) 2016-09-16
[30] US (15/267,400) 2016-09-16

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 48/00 (2006.01) C12N 7/00 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **A NOVEL METHOD FOR STABILIZATION OF A BIOPHARMACEUTICAL DRUG PRODUCT DURING PROCESSING**
[54] **NOUVEAU PROCEDE DE STABILISATION D'UN PRODUIT MEDICAMENTEUX BIOPHARMACEUTIQUE PENDANT LE TRAITEMENT**
[72] SCHOLZ, MARTIN, DE
[72] KEMTER, KRISTINA, DE
[72] ALTRICHTER, JENS, DE
[72] KRIEHUBER, THOMAS, DE
[71] LEUKOCARE AG, DE
[85] 2019-03-14
[86] 2017-09-15 (PCT/EP2017/073368)
[87] (WO2018/050870)
[30] EP (16189346.6) 2016-09-16

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[13] A1
[51] **Int.Cl. A61K 35/14 (2015.01) A61K 35/17 (2015.01) A61K 39/12 (2006.01) C07K 14/005 (2006.01) C07K 16/08 (2006.01)**
[25] EN
[54] **PLATFORM FOR ACTIVATION AND EXPANSION OF VIRUS-SPECIFIC T-CELLS**
[54] **PLATEFORME D'ACTIVATION ET D'EXPANSION DE LYMPHOCYTES T SPECIFIQUES A UN VIRUS**
[72] ROONEY, CLIONA M., US
[72] LAPTEVA DOYLE, NATALIA, US
[72] SHARMA, SANDHYA, US
[72] WAGNER, DIMITRIOS, US
[71] BAYLOR COLLEGE OF MEDICINE, US
[85] 2019-03-14
[86] 2017-09-13 (PCT/US2017/051284)
[87] (WO2018/052947)
[30] US (62/395,438) 2016-09-16

[21] **3,036,968**
[13] A1
[51] **Int.Cl. A01H 5/12 (2018.01) C12N 15/82 (2006.01)**
[25] EN
[54] **TRICHOME SPECIFIC PROMOTERS FOR THE MANIPULATION OF CANNABINOIDS AND OTHER COMPOUNDS IN GLANDULAR TRICHOMES**
[54] **PROMOTEURS SPECIFIQUES DES TRICHOMES POUR LA MANIPULATION DE CANNABINOIDES ET D'AUTRES COMPOSES DANS DES TRICHOMES GLANDULAIRES**
[72] RUSHTON, PAUL, US
[71] 22ND CENTURY LIMITED, LLC, US
[85] 2019-03-14
[86] 2017-09-14 (PCT/US2017/051493)
[87] (WO2018/057385)
[30] US (62/397,212) 2016-09-20

[21] **3,036,969**
[13] A1
[51] **Int.Cl. C04B 22/00 (2006.01) C04B 35/16 (2006.01) C04B 35/628 (2006.01) C04B 41/50 (2006.01) C04B 41/88 (2006.01)**
[25] EN
[54] **SILICON COMPOSITIONS CONTAINING BORON AND METHODS OF FORMING THE SAME**
[54] **COMPOSITIONS DE SILICIUM CONTENANT DU BORE ET LEURS PROCEDES DE FORMATION**
[72] KIRBY, GLEN HAROLD, US
[72] WAN, JULIN, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2019-03-14
[86] 2017-09-01 (PCT/US2017/049852)
[87] (WO2018/052741)
[30] US (15/267,485) 2016-09-16
[30] US (15/267,517) 2016-09-16
[30] US (15/267,563) 2016-09-16
[30] US (15/267,614) 2016-09-16

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[13] A1
[51] **Int.Cl. F04D 29/68 (2006.01) F04D 27/02 (2006.01) F04D 29/54 (2006.01)**
[25] EN
[54] **A TECHNIQUE FOR CONTROLLING ROTATING STALL IN COMPRESSOR FOR A GAS TURBINE ENGINE**
[54] **TECHNIQUE DE COMMANDE DE DECOLLEMENT TOURNANT DANS UN COMPRESSEUR DE MOTEUR A TURBINE A GAZ**
[72] KRISHNABABU, SENTHIL, GB
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2019-03-14
[86] 2017-09-19 (PCT/EP2017/073669)
[87] (WO2018/054916)
[30] EP (16189719.4) 2016-09-20

[21] **3,036,971**
[13] A1
[51] **Int.Cl. C10G 1/08 (2006.01) B01J 8/24 (2006.01) B01J 23/70 (2006.01) C10G 1/00 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR ENHANCED REMOVAL OF CONTAMINANTS IN FLUID CATALYTIC CRACKING PROCESSES**
[54] **PROCEDE ET APPAREIL POUR L'ELIMINATION AMELIOREE DE CONTAMINANTS DANS DES PROCEDES DE CRAQUAGE CATALYTIQUE FLUIDE**
[72] CHEN, LIANG, US
[72] LOEZOS, PETER, US
[72] MARRI, RAMA RAO, US
[72] TOMSULA, BRYAN, US
[72] HOOD, JON A., US
[72] SINGH, HARDIK, US
[72] DORSEY, MICHAEL, US
[72] BRECKENRIDGE, JUSTIN, US
[71] LUMMUS TECHNOLOGY LLC, US
[85] 2019-03-14
[86] 2017-09-15 (PCT/US2017/051736)
[87] (WO2018/053239)
[30] US (62/395,724) 2016-09-16

[21] **3,036,972**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **CHIMERIC ANTIGEN RECEPTORS COMPRISING BCMA-SPECIFIC FIBRONECTIN TYPE III DOMAINS AND USES THEREOF**
[54] **RECEPTEURS ANTIGENIQUES CHIMERIQUES COMPRENANT DES DOMAINES DE LA FIBRONECTINE DE TYPE III SPECIFIQUES DU BCMA, ET UTILISATIONS CORRESPONDANTES**
[72] CHIN, CHEN NI, US
[72] LEE, JOHN, US
[72] MCCABE, TIMOTHY, US
[72] MOONEY, JILL, US
[72] NASO, MICHAEL, US
[72] STROHL, WILLIAM, US
[71] JANSSEN BIOTECH, INC., US
[85] 2019-03-14
[86] 2017-09-11 (PCT/US2017/050888)
[87] (WO2018/052828)
[30] US (62/394,329) 2016-09-14

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[13] A1
[51] **Int.Cl. G06K 19/07 (2006.01) G06K 19/077 (2006.01) H01Q 1/04 (2006.01)**
[25] FR
[54] **CAPTEUR D'IDENTIFICATION POUR OUVRAGES ENFOUIS A GRANDE PROFONDEUR**
[54] **IDENTIFICATION SENSOR FOR STRUCTURES BURIED AT GREAT DEPTH**
[72] LE BASTARD, LUDOVIC, FR
[72] NIVON, THIERRY, FR
[72] PALOMARES, MARC, FR
[71] ELIOT INNOVATIVE SOLUTIONS S.A.S., FR
[85] 2019-03-14
[86] 2017-09-22 (PCT/EP2017/074142)
[87] (WO2018/055141)
[30] FR (16/01392) 2016-09-23

[21] **3,036,974**
[13] A1
[51] **Int.Cl. A61B 50/30 (2016.01)**
[25] EN
[54] **STERILE PACKAGING SYSTEMS FOR MEDICAL DEVICES**
[54] **SYSTEMES D'EMBALLAGE STERILE DESTINES A DES DISPOSITIFS MEDICAUX**
[72] DACEY, DENISE MARIE, US
[72] FAN, XIAOLE, US
[72] PATRIARCA, JARED JAMES, US
[72] MCHUGH KAROW, MEREDITH, US
[71] ETHICON, INC., US
[85] 2019-03-14
[86] 2017-09-11 (PCT/US2017/050903)
[87] (WO2018/052832)
[30] US (15/266,904) 2016-09-15

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[13] A1
[51] **Int.Cl. G06K 7/10 (2006.01) G06Q 30/02 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **RETURNED PRODUCT DETECTION**
[54] **DETECTION DE PRODUIT RENVOYE**
[72] WILKINSON, BRUCE W., US
[72] JONES, NATHAN G., US
[72] MUSANI, PARVEZ, US
[72] MATTINGLY, TODD D., US
[72] MCHALE, BRIAN G., GB
[71] WALMART APOLLO, LLC, US
[85] 2019-03-14
[86] 2017-09-14 (PCT/US2017/051495)
[87] (WO2018/053083)
[30] US (62/395,677) 2016-09-16
[30] US (62/436,842) 2016-12-20
[30] US (62/485,045) 2017-04-13

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[13] A1
[51] **Int.Cl. B62D 55/24 (2006.01)**
[25] EN
[54] **URETHANE HYBRID AGRICULTURAL VEHICLE TRACK**
[54] **CHENILLE DE VEHICULE AGRICOLE HYBRIDE A BASE D'URETHANE**
[72] LINN, MATTHEW A., US
[72] ANDERSON, ROBERT I., JR., US
[72] WEIR, JAMES, US
[71] CONTITECH TRANSPORTBANDSYSTEME GMBH, DE
[85] 2019-03-14
[86] 2017-09-19 (PCT/EP2017/073662)
[87] (WO2018/082840)
[30] US (15/340,011) 2016-11-01

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[13] A1
[51] **Int.Cl. A62B 18/10 (2006.01) A62B 18/02 (2006.01) A62B 23/02 (2006.01)**
[25] EN
[54] **EXHALATION VALVE AND RESPIRATOR INCLUDING SAME**
[54] **SOUPAPE D'EXPIRATION ET APPAREIL RESPIRATOIRE COMPRENANT LADITE SOUPAPE D'EXPIRATION**
[72] EITZMAN, PHILIP D., US
[72] XUE, THOMAS J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2019-03-14
[86] 2017-09-12 (PCT/US2017/051066)
[87] (WO2018/052874)
[30] US (62/395,429) 2016-09-16

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/7088 (2006.01) A61K 31/7115 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **IMMUNE MODULATION WITH TLR9 AGONISTS FOR CANCER TREATMENT**
[54] **IMMUNOMODULATION AVEC DES AGONISTES TLR9 POUR LE TRAITEMENT DU CANCER**
[72] AGRAWAL, SUDHIR, US
[72] WANG, DAQING, US
[72] JIANG, WAYNE, US
[71] IDERA PHARMACEUTICALS, INC., US
[85] 2019-03-14
[86] 2017-09-15 (PCT/US2017/051742)
[87] (WO2018/053242)
[30] US (62/394,845) 2016-09-15
[30] US (62/486,738) 2017-04-18

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[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **RNA BIOMARKERS FOR HEREDITARY ANGIOEDEMA**
[54] **BIOMARQUEURS D'ARN POUR L'ANGIOEDEME HEREDITAIRE**
[72] SEXTON, DANIEL J., US
[72] VISWANATHAN, MALINI, US
[72] FAUCETTE, RYAN, US
[72] GAUR, TRIPTI, US
[71] DYAX CORP., US
[85] 2019-03-14
[86] 2017-09-15 (PCT/US2017/051772)
[87] (WO2018/053260)
[30] US (62/395,811) 2016-09-16

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[13] A1
[51] **Int.Cl. A01G 31/02 (2006.01) A01G 7/06 (2006.01) C02F 1/46 (2006.01) H05H 1/24 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS TO INFUSE WATER WITH NITRATE (NO3) AND NITRITE (NO2) USING ELECTRICAL PLASMA FOR USE IN PLANT FERTILIZATION**
[54] **PROCEDE ET APPAREIL POUR INFUSER DE L'EAU AVEC DU NITRATE (NO3) ET DU NITRITE (NO2) AU MOYEN D'UN PLASMA ELECTRIQUE POUR UTILISATION DANS LA FERTILISATION DE PLANTES**
[72] SALERNO, MARK, US
[71] SALERNO, MARK, US
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[54] **ELECTRICAL INSULATION SYSTEM BASED ON EPOXY RESINS FOR GENERATORS AND MOTORS**
[54] **SYSTEME D'ISOLATION ELECTRIQUE A BASE DE RESINES EPOXY POUR GENERATEURS ET MOTEURS**
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[72] BAER, DANIEL, CH
[72] STECHER, HARALD, DK
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[54] **PROCESS FOR THE PRODUCTION OF GLYCOLS**
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[72] VAN DER HEIDE, EVERT, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[72] STENNER-LIEWEN, FRANK, CH
[72] MARKULY, NORBERT, CH
[72] LIEWEN, HEIKE, CH
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[54] **METHOD FOR OPTICALLY MEASURING THE WELD PENETRATION DEPTH**
[54] **PROCEDE DE MESURE OPTIQUE D'UNE PROFONDEUR DE SOUDAGE**
[72] STREBEL, MATTHIAS, DE
[71] PRECITEC GMBH & CO. KG, DE
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[54] **INTEGRATED CONTROL SYSTEM FOR A WELL DRILLING PLATFORM**
[54] **SYSTEME DE COMMANDE INTEGRE POUR UNE PLATE-FORME DE FORAGE DE PUITS**
[72] PARTHASARATHY, ANAND, US
[72] TODD, RICHARD J., US
[72] CHARLES, SCOTT, US
[71] EXPRO AMERICAS, LLC, US
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[54] **INHIBITEURS DE L'INTERACTION MENINE-MLL**
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[72] CLAREMON, DAVID A., US
[72] DONG, CHENGGUO, US
[72] FAN, YI, US
[72] JIA, LANQI, US
[72] LOTESTA, STEPHEN D., US
[72] SINGH, SURESH B., US
[72] VENKATRAMAN, SHANKAR, US
[72] YUAN, JING, US
[72] ZHENG, YAJUN, US
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[54] **IDENTIFICATION AND GENERATION OF PERSONALIZED VACCINE COMPONENTS BY FUNCTIONAL SCREENING ASSAY USING VARIABLE EPITOPE AND MIMOTOPE LIBRARIES AND PERIPHERAL BLOOD MONONUCLEAR CELLS**
[54] **IDENTIFICATION ET PRODUCTION DE COMPOSANTS VACCINAUX PERSONNALISES PAR CRIBLAGE FONCTIONNEL DE BANQUES D'EPITOPES ET DE MIMOTOPES VARIABLES**
[72] MANUCHARYAN, KAREN, MX
[71] PRIMEX CLINICAL LABORATORIES, US
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[54] **FORMULATIONS CONTENANT DE L'ACETAMINOPHENE ET DE LA SULFOALKYLETHER-CYCLODEXTRINE**
[72] RAJEWSKI, ROGER, US
[72] PIPKIN, JAMES D., US
[72] MOSHER, GEROLD L., US
[71] CYDEX PHARMACEUTICALS, INC., US
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[54] **NANOPARTICLES AS CATALYTIC SUBSTRATES FOR REAL-TIME BIOSENSING OF HUMAN PERFORMANCE AND DIAGNOSTIC AND THERAPEUTIC METHODS**
[54] **NANOPARTICULES SERVANT DE SUBSTRATS CATALYTIQUES POUR LA BIODETECTION EN TEMPS REEL DE PERFORMANCES HUMAINES, ET PROCEDES DE DIAGNOSTIC ET THERAPEUTIQUES**
[72] THAXTON, C. SHAD, US
[72] PALEKAR, ROHUN U., US
[72] MCMAHON, KAYLIN M., US
[71] NORTHWESTERN UNIVERSITY, US
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[54] **SIDEWALL BONDER AND METHOD FOR BONDING SIDEWALLS TO THERMOPLASTIC BELTS**
[54] **DISPOSITIF DE LIAISON DE PAROIS LATERALES ET PROCEDE DE LIAISON DE PAROIS LATERALES A DES COURROIES THERMOPLASTIQUES**
[72] HELMER, JOSEPH C., US
[72] NAZAR, GABRIEL, US
[71] LAITRAM, L.L.C., US
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[54] **FLUID CATALYTIC CRACKING PROCESS AND APPARATUS FOR MAXIMIZING LIGHT OLEFIN YIELD AND OTHER APPLICATIONS**
[54] **PROCEDE ET APPAREIL DE CRAQUAGE CATALYTIQUE DE FLUIDE PERMETTANT D'AUGMENTER AU MAXIMUM LE RENDEMENT EN OLEFINES LEGERES ET POUR D'AUTRES APPLICATIONS**
[72] CHEN, LIANG, US
[72] LOEZOS, PETER, US
[72] MARRI, RAMA RAO, US
[72] TOMSULA, BRYAN, US
[72] HOOD, JON A., US
[72] SINGH, HARDIK, US
[72] DORSEY, MICHAEL, US
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[54] **COMPOSITIONS DE PROTEINE DE LIAISON A CD80 ET CD86 ET LEURS UTILISATIONS**
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[72] DEVENPORT, MARTIN, US
[72] ZHENG, PAN, US
[72] WU, WEI, US
[72] DU, XUEXIANG, US
[72] LIU, MINGYUE, US
[72] TANG, FEI, US
[71] ONCOIMMUNE, INC., US
[71] CHILDREN'S RESEARCH INSTITUTE, CHILDREN'S NATIONAL MEDICAL CENTER, US
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[54] **TAMPER RESISTANT CLASP AND WRISTBAND APPARATUS AND ASSOCIATED PATIENT MONITORING SYSTEM AND METHOD OF USE**
[54] **APPAREIL DE BRACELET ET DE FERMOIR INVIOLABLE ET SYSTEME DE SURVEILLANCE DE PATIENT ASSOCIE ET PROCEDE D'UTILISATION**
[72] NAGY, PETER, US
[72] MARCOLONGO, MICHELE, US
[72] WIDDOWS, REGINA, US
[72] ALBERT, JONATHAN D., US
[72] CHANG, ERIC, US
[72] ZERWECK, JASON, US
[71] INVISALERT SOLUTIONS, LLC, US
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[54] **PERFORMANCE DE DRAINAGE ACCRUE DANS DES SYSTEMES DE FABRICATION DE PAPIER UTILISANT DE LA CELLULOSE MICROFIBRILLEE**
[72] MCKAY, JONATHAN M., US
[71] SOLENIS TECHNOLOGIES, L.P., CH
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[54] **MODULAR ZERO BACKLASH DEFAULT TO LOCK BRAKE/LOCKING APPARATUS**
[54] **APPAREIL DE FREINAGE/VERROUILLAGE MODULAIRE SAN JEU A VERROUILLAGE PAR DEFAUT**
[72] HILLUKKA, JUSTIN WILLIAM, US
[72] KLIBER, ANTHONY WILL, US
[71] NEXEN GROUP, INC., US
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[25] EN
[54] **GENERATION AND USE IN ADOPTIVE IMMUNOTHERAPY OF STEM CELL-LIKE MEMORY T CELLS**
[54] **GENERATION ET UTILISATION EN IMMUNOTHERAPIE ADOPTIVE DE LYMPHOCYTES T A MEMOIRE DE TYPE CELLULES SOUCHES**
[72] O'REILLY, RICHARD JOHN, US
[72] HASAN, AISHA NASREEN, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
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[54] **TRANSMISSION DE BLOC D'INFORMATIONS DE SYSTEME**
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[72] LUO, TAO, US
[72] NAGARAJA, SUMEETH, US
[72] ZHANG, XIAOXIA, US
[71] QUALCOMM INCORPORATED, US
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[54] **METHODS AND APPARATUS FOR PROVIDING BLOCKCHAIN PARTICIPANT IDENTITY BINDING**
[54] **PROCEDES ET APPAREIL PERMETTANT DE FOURNIR UNE LIAISON D'IDENTITE D'UN PARTICIPANT A UNE CHAINE DE BLOCS**
[72] MOSES, TIMOTHY EDWARD, US
[71] ENTRUST, INC., US
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[54] **METHOD FOR THE MANUFACTURE OF A CREAM CHEESE**
[54] **PROCEDE DE FABRICATION D'UN FROMAGE A LA CREME**
[72] SPIEGEL, THOMAS, DE
[72] WOLFSCHOON-POMBO, ALAN, DE
[71] KRAFT FOODS R&D, INC., US
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[54] **OLIGONUCLEOTIDES MODIFIES ET METHODES D'UTILISATION**
[72] GRYAZNOV, SERGEI, US
[72] BEIGELMAN, LEONID, US
[72] HONG, JIN, US
[72] RAJWANSHI, VIVEK, US
[72] MARTINEZ MONTERO, SAUL, US
[71] JANSSEN BIOPHARMA, INC., US
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[54] **DISPOSITIF DE SUPPORT REGLABLE ET SYSTEME D'ETAYAGE**
[72] LENKIN, MICHAEL L., US
[71] LENKIN, MICHAEL L., US
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[54] **SYSTEMS AND METHODS FOR OPTICAL SYSTEMS WITH EXIT PUPIL EXPANDER**
[54] **SYSTEMES ET PROCEDES POUR SYSTEMES OPTIQUES A DILATATEUR DE PUPILLE DE SORTIE**
[72] MACNAMARA, JOHN GRAHAM, US
[71] MAGIC LEAP, INC., US
[85] 2019-03-11
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[51] **Int.Cl. A22B 5/00 (2006.01) A22B 5/20 (2006.01) A22B 7/00 (2006.01)**
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[54] **SYSTEME ET PROCEDE DE FENDAGE DE B□UF**
[72] DRISCOLL, DANIEL, US
[71] JARVIS PRODUCTS CORPORATION, US
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[30] US (62/414,240) 2016-10-28
[30] US (62/520,143) 2017-06-15
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[54] **CAPTURE DE MODELE DE VISAGE PAR UN DISPOSITIF PORTABLE**
[72] AMAYEH, GHOLAMREZA, US
[72] KAEHLER, ADRIAN, US
[72] LEE, DOUGLAS, US
[71] MAGIC LEAP, INC., US
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[30] US (62/400,907) 2016-09-28

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[51] **Int.Cl. F04D 29/04 (2006.01) F03D 13/10 (2016.01) E21B 43/12 (2006.01) F04D 7/04 (2006.01) F04D 13/08 (2006.01) F04D 29/20 (2006.01) F04D 29/22 (2006.01)**
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[54] **TORQUE TRANSFER SYSTEM FOR CENTRIFUGAL PUMPS**
[54] **SYSTEME DE TRANSFERT DE COUPLE POUR POMPES CENTRIFUGES**
[72] NOWITZKI, WESLEY JOHN, US
[72] GOTTSCHALK, THOMAS JOHN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **METHOD FOR ACID TREATMENT CONDITIONING OF A CATALYST IN THE PRODUCTION OF GLYCOLS**
[54] **PROCEDE DE CONDITIONNEMENT PAR TRAITEMENT ACIDE D'UN CATALYSEUR DANS LA PRODUCTION DE GLYCOLS**
[72] MUTHUSAMY, DURAISAMY, US
[72] NGUYEN, VIET QUOC, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2019-03-14
[86] 2017-09-28 (PCT/US2017/053862)
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[30] US (62/401,410) 2016-09-29

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[25] EN
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[54] **FORMATION DE MAT DE FIBRES DISPERSEES**
[72] GUHA, PROBIR KUMAR, US
[72] SIWAJEK, MICHAEL J., US
[72] BONTE, PHILIPPE, FR
[72] TOITGANS, MARC-PHILIPPE, FR
[72] BOYER, DOMINIQUE, FR
[71] CONTINENTAL STRUCTURAL PLASTICS, INC., US
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[13] A1
[51] **Int.Cl. G01N 1/22 (2006.01)**
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[54] **DEVICE FOR USE WITH MEASURING SOIL GAS AND METHOD OF USE**
[54] **DISPOSITIF DE MESURE DE GAZ DU SOL ET PROCEDE D'UTILISATION**
[72] COX, CRAIG A., US
[71] VAPOR PIN ENTERPRISES, INC., US
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[51] **Int.Cl. B29B 9/14 (2006.01) B29B 7/90 (2006.01) B29B 9/16 (2006.01) B29B 13/08 (2006.01) B29C 70/12 (2006.01)**
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[54] **BLENDED FIBER MAT FORMATION FOR STRUCTURAL APPLICATIONS**
[54] **FORMATION DE MAT DE FIBRES MELANGEES POUR APPLICATIONS STRUCTURALES**
[72] GUHA, PROBIR KUMAR, US
[72] BONTE, PHILIPPE, FR
[72] TOITGANS, MARC-PHILIPPE, FR
[72] BOYER, DOMINIQUE, FR
[72] BOIVIN, GAETAN, FR
[72] HARBONNER, ANAIS, FR
[71] CONTINENTAL STRUCTURAL PLASTICS, INC., US
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[51] **Int.Cl. A47B 45/00 (2006.01) A47F 10/00 (2006.01)**
[25] EN
[54] **TELESCOPING DUNNAGE RACK**
[54] **SUPPORT DE RANGEMENT TELESCOPIQUE**
[72] SCHAFTENAAR, ROBERT, US
[71] DIVERSE GLOBAL INDUSTRIAL SOLUTIONS, INC., US
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[51] **Int.Cl. E04D 13/03 (2006.01)**
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[54] **SKYLIGHT MOUNTING SYSTEM AND ASSEMBLY**
[54] **SYSTEME DE MONTAGE DE TABATIERE ET ENSEMBLE TABATIERE**
[72] BRINTION, JAMES ERIC, US
[72] RIMSKY, CHARLES JOSEPH, US
[72] WATERS, MICHAEL JAMES, US
[72] SARGENT, MAX LAFORREST, US
[72] RONAN, JEFFERY JOSEPH, US
[72] RUHOFF, ALAN JOHN, US
[72] KASTNER, STEVE ROY, US
[72] COLLINS, GREGORY FOSTER, US
[72] NICKLES, BRANTLEE BURNETT, US
[71] VKR HOLDING A/S, DK
[85] 2019-03-15
[86] 2016-09-30 (PCT/DK2016/050314)
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[30] US (14/871,583) 2015-09-30

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[51] **Int.Cl. A61K 39/09 (2006.01) A61K 39/00 (2006.01) A61K 39/385 (2006.01) A61K 39/39 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **MULTIVALENT PNEUMOCOCCAL VACCINE COMPOSITIONS COMPRISING POLYSACCHARIDE-PROTEIN CONJUGATES**
[54] **COMPOSITIONS DE VACCIN ANTIPNEUMOCOCCIQUE MULTIVALENT COMPRENANT DES CONJUGUES POLYSACCHARIDE-PROTEINE**
[72] MATUR, RAMESH VENKAT, IN
[72] MANTENA, NARENDER DEV, IN
[72] SRIRAMAN, RAJAN, IN
[72] CHAKKA, DEVIPRASANNA, IN
[72] SUREDDI, SATYAM NAIDU, IN
[72] BURKI, RAJENDAR, IN
[72] GANTI, SREENIVASA RAO, IN
[72] DATLA, MAHIMA, IN
[71] BIOLOGICAL E LIMITED, IN
[85] 2019-03-14
[86] 2017-09-29 (PCT/US2017/054237)
[87] (WO2018/064444)
[30] IN (201641033563) 2016-09-30

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[51] **Int.Cl. F03B 13/20 (2006.01) F03B 13/14 (2006.01)**
[25] EN
[54] **WAVE ENERGY CONVERTER**
[54] **CONVERTISSEUR D'ENERGIE DES VAGUES**
[72] SINCOCK, PAUL, AU
[72] EASSOM, ADRIAN CONRAD, AU
[72] WALES, STUART JOHN, AU
[72] MARCOLLO, HAYDEN, AU
[71] AMOG TECHNOLOGIES PTY LTD, AU
[85] 2019-03-15
[86] 2017-09-25 (PCT/AU2017/051043)
[87] (WO2018/053602)
[30] AU (2016903861) 2016-09-23
[30] AU (2016904281) 2016-10-21

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[51] **Int.Cl. G01S 17/06 (2006.01) G01S 17/02 (2006.01) G01S 17/08 (2006.01) G01S 17/46 (2006.01) G01S 17/48 (2006.01)**
[25] EN
[54] **PROJECTOR WITH SPATIAL LIGHT MODULATION**
[54] **PROJECTEUR AVEC MODULATION SPATIALE DE LUMIERE**
[72] COHEN, DAVID, US
[72] PELLMAN, ASSAF, US
[72] TEKOLSTE, ROBERT D., US
[72] FELZENSHTEIN, SHLOMO, US
[72] YAHAV, GIORA, US
[71] MAGIC LEAP, INC., US
[85] 2019-03-14
[86] 2017-09-29 (PCT/US2017/054385)
[87] (WO2018/064520)
[30] US (62/402,871) 2016-09-30

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[13] A1
[51] **Int.Cl. A61K 31/17 (2006.01) C07C 275/04 (2006.01) C07C 317/32 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING ALZHEIMER'S DISEASE AND PARKINSON'S DISEASE**
[54] **COMPOSITIONS ET PROCEDES POUR TRAITER LA MALADIE D'ALZHEIMER ET LA MALADIE DE PARKINSON**
[72] SALENTINE, CHRISTOPHER G., US
[72] MALEFYT, THOMAS R., US
[71] BIOTIE THERAPIES, INC., US
[85] 2019-03-14
[86] 2017-09-29 (PCT/US2017/054473)
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[30] US (62/402,357) 2016-09-30

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[51] **Int.Cl. H04W 74/08 (2009.01) H04B 7/06 (2006.01) H04W 16/28 (2009.01)**
[25] EN
[54] **SLOTTED TRANSMISSION AND DIRECTIONAL RECEPTION OF RTS**
[54] **TRANSMISSION A INTERVALLES ET RECEPTION DIRECTIONNELLE DE RTS**
[72] ISLAM, MUHAMMAD NAZMUL, US
[72] SUBRAMANIAN, SUNDAR, US
[72] LI, JUNYI, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-03-14
[86] 2017-10-02 (PCT/US2017/054778)
[87] (WO2018/080739)
[30] US (62/412,704) 2016-10-25
[30] US (15/493,946) 2017-04-21

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[13] A1
[51] **Int.Cl. B61D 23/02 (2006.01)**
[25] EN
[54] **RAIL VEHICLE, METHOD FOR PRODUCING A RAIL VEHICLE, AND USE OF A SCISSOR MECHANISM IN A BOARDING ARRANGEMENT**
[54] **VEHICULE FERROVIAIRE, PROCEDE DE FABRICATION D'UN VEHICULE FERROVIAIRE ET UTILISATION D'UN MECANISME ARTICULE DANS UN SYSTEME DE MONTEE DANS UN TRAIN**
[72] SCHMID, MARCEL, CH
[72] BOSSHART, ALEXANDER, CH
[71] STADLER ALTENRHEIN AG, CH
[85] 2019-03-15
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[51] **Int.Cl. E04B 2/88 (2006.01) E04C 2/30 (2006.01) E04F 13/21 (2006.01) E04G 21/00 (2006.01)**
[25] EN
[54] **STRUCTURAL PANEL ASSEMBLY FOR MOUNTING BUILDING WALLS AND METHOD FOR MOUNTING BUILDING WALLS USING SAME**
[54] **ENSEMBLE PANNEAU STRUCTURAL POUR LE MONTAGE DE MURS DE CONSTRUCTION ET PROCEDE DE MONTAGE DE MURS DE CONSTRUCTION L'UTILISANT**
[72] TREMBLAY, MARCO, CA
[71] OSBLOCK INC., CA
[85] 2019-03-15
[86] 2017-09-15 (PCT/CA2017/051089)
[87] (WO2018/049529)
[30] US (62/395,574) 2016-09-16

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[51] **Int.Cl. C07D 487/10 (2006.01) A61K 31/33 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SPIROCYCLIC COMPOUNDS**
[54] **COMPOSES SPIROCYCLIQUES**
[72] HUANG, PETER QINHUA, US
[72] KAHRAMAN, MEHMET, US
[72] BUNKER, KEVIN DUANE, US
[72] SAMATAR, AHMED ABDI, US
[71] ZENO ROYALTIES & MILESTONES, LLC, US
[85] 2019-03-14
[86] 2017-10-03 (PCT/US2017/054865)
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[30] US (62/404,668) 2016-10-05

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[13] A1
[51] **Int.Cl. C22B 3/04 (2006.01) C22B 3/06 (2006.01) C22B 11/00 (2006.01) C22B 15/00 (2006.01) C22B 60/02 (2006.01)**
[25] EN
[54] **INTEGRATED HYDROMETALLURGICAL AND PYROMETALLURGICAL METHOD FOR PROCESSING ORE**
[54] **PROCEDE HYDROMETALLURGIQUE ET PYROMETALLURGIQUE INTEGRE DESTINE AU TRAITEMENT DE MINERAI**
[72] BOJCEVSKI, DAVID, AU
[72] ENGLAND, JOHN KENNETH, AU
[72] RORKE, GARY VERNON, NZ
[71] BHP BILLITON OLYMPIC DAM CORPORATION PTY LTD, AU
[85] 2019-03-15
[86] 2017-09-19 (PCT/AU2017/051021)
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[30] AU (2016903763) 2016-09-19

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[51] **Int.Cl. F28F 13/06 (2006.01) F28D 9/02 (2006.01) F28F 3/08 (2006.01) F28F 3/14 (2006.01) F28F 9/04 (2006.01) F28F 9/22 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER HAVING AERODYNAMIC FEATURES TO IMPROVE PERFORMANCE**
[54] **ECHANGEUR DE CHALEUR A CARACTERISTIQUES AERODYNAMIQUES DE PERFECTIONNEMENT D'EFFICACITE**
[72] SCHOUTEN, ERIC J., CA
[72] STEVENS, CAMERON L. M., CA
[72] KENNEY, BENJAMIN A., CA
[72] KINDER, LEE M., CA
[71] DANA CANADA CORPORATION, CA
[85] 2019-03-15
[86] 2017-10-13 (PCT/CA2017/051220)
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[30] US (62/408,216) 2016-10-14
[30] US (62/537,772) 2017-07-27

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[13] A1
[51] **Int.Cl. C12P 7/40 (2006.01) C12P 7/54 (2006.01) C12P 7/56 (2006.01) C13K 1/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF AN ORGANIC ACID FROM A LIGNOCELLULOSIC FEEDSTOCK**
[54] **PROCEDE DE PRODUCTION D'UN ACIDE ORGANIQUE A PARTIR D'UNE MATIERE PREMIERE LIGNOCELLULOSIQUE**
[72] ROBERTSSON, VICTOR, SE
[72] BERGLIN, NIKLAS, SE
[72] JANSSON, MIKAEL, SE
[71] RISE INNVENTIA AB, SE
[85] 2019-03-11
[86] 2017-09-06 (PCT/SE2017/050883)
[87] (WO2018/052359)
[30] EP (16188531.4) 2016-09-13

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[13] A1
[51] **Int.Cl. E21B 41/02 (2006.01) E21B 43/08 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **CHEMICAL ATTENUATOR SLEEVE**
[54] **MANCHON D'ATTENUATEUR CHIMIQUE**
[72] URBINA, ROMMEL ERNESTO ARIAS, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2019-03-13
[86] 2017-10-03 (PCT/US2017/054825)
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[30] US (15/283,505) 2016-10-03

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[51] **Int.Cl. C07K 14/31 (2006.01) A61K 39/085 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C07K 19/00 (2006.01) C12N 1/21 (2006.01) C12N 15/31 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **VACCINE CONSTRUCTS AND USES THEREOF AGAINST STAPHYLOCOCCUS INFECTIONS**
[54] **CONSTRUCTIONS DE VACCIN ET LEURS UTILISATIONS CONTRE DES INFECTIONS PAR STAPHYLOCOCCUS**
[72] MALOUIN, FRANCOIS, CA
[72] STER, CELINE, CA
[72] COTE-GRAVEL, JULIE, CA
[72] BROUILLETTE, ERIC, CA
[71] SOCPRA SCIENCES ET GENIE S.E.C., CA
[85] 2019-03-15
[86] 2017-10-20 (PCT/CA2017/051253)
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[30] US (62/411,120) 2016-10-21

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/00 (2006.01)**
[25] EN
[54] **PREVENTION AND TREATMENT OF DIABETIC NEPHROPATHY**
[54] **PREVENTION ET TRAITEMENT DE NEPHROPATHIE DIABETIQUE**
[72] FIORINA, PAOLO, US
[72] BASSI, ROBERTO, US
[72] VERGANI, ANDREA, US
[72] ALLEGRETTI, MARCELLO, IT
[71] THE CHILDREN'S MEDICAL CENTER CORPORATION, US
[71] DOMPE FARMACEUTICI S.P.A., IT
[85] 2019-03-14
[86] 2017-10-03 (PCT/US2017/054916)
[87] (WO2018/067548)
[30] US (62/403,368) 2016-10-03

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[13] A1
[51] **Int.Cl. G01N 27/90 (2006.01) E21B 47/005 (2012.01) E21B 47/00 (2012.01) E21B 47/09 (2012.01) G01V 3/18 (2006.01) G01V 3/28 (2006.01)**
[25] EN
[54] **PULSED EDDY CURRENT CASING INSPECTION TOOL**
[54] **OUTIL D'INSPECTION DE TUBAGE A COURANT DE FOUCAULT PULSE**
[72] ZHANG, JUN, US
[71] PROBE TECHNOLOGY SERVICES, INC., US
[85] 2019-03-14
[86] 2017-11-08 (PCT/US2017/060531)
[87] (WO2018/106389)
[30] US (15/372,183) 2016-12-07

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[13] A1
[51] **Int.Cl. C08L 97/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING LIGNOCELLULOSE MATERIALS**
[54] **PROCEDE DE FABRICATION DE MATERIAUX LIGNOCELLULOSIQUES**
[72] WEINKOETZ, STEPHAN, DE
[72] LINDNER, JEAN-PIERRE BERKAN, DE
[72] LUNKWITZ, RALPH, DE
[72] FUEGER, CLAUS, DE
[71] BASF SE, DE
[85] 2019-03-15
[86] 2017-09-13 (PCT/EP2017/072987)
[87] (WO2018/054732)
[30] EP (16190412.3) 2016-09-23

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[13] A1
[51] **Int.Cl. B07B 1/46 (2006.01) F16B 5/02 (2006.01) F16B 37/12 (2006.01)**
[25] EN
[54] **HAMMERLESS SOLUTION**
[54] **SOLUTION SANS MARTEAU**
[72] PERSSON, MATHIAS, SE
[72] LUNDBERG, PETER, AU
[71] METSO SWEDEN AB, SE
[85] 2019-03-15
[86] 2017-09-15 (PCT/EP2017/073318)
[87] (WO2018/050842)
[30] EP (16189247.6) 2016-09-16

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[13] A1
[51] **Int.Cl. B07B 1/46 (2006.01) F16B 5/02 (2006.01) F16B 37/12 (2006.01)**
[25] EN
[54] **A LINING ARRANGEMENT, AND A METHOD FOR FASTENING LINING ELEMENTS TO A SUPPORT STRUCTURE**
[54] **AGENCEMENT D'HABILLAGE ET PROCEDE DE FIXATION D'ELEMENTS D'HABILLAGE SUR UNE STRUCTURE PORTEUSE**
[72] PERSSON, MATHIAS, SE
[72] LUNDBERG, PETER, AU
[71] METSO SWEDEN AB, SE
[85] 2019-03-15
[86] 2017-09-15 (PCT/EP2017/073325)
[87] (WO2018/050845)
[30] EP (16189247.6) 2016-09-16
[30] EP (17172104.6) 2017-05-20

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[13] A1
[51] **Int.Cl. A61K 31/4704 (2006.01) A61K 9/00 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE**
[72] CORR, STUART, GB
[72] NOAKES, TIMOTHY JAMES, GB
[71] MEXICHEM FLUOR S.A. DE C.V., MX
[85] 2019-03-15
[86] 2017-09-18 (PCT/GB2017/052757)
[87] (WO2018/051128)
[30] GB (1615910.5) 2016-09-19
[30] GB (1620516.3) 2016-12-02

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[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01) G01N 27/447 (2006.01)**
[25] EN
[54] **MICROFLUIDIC DEVICE, PARTICULARLY OF THE LAB-ON-CHIP TYPE, FOR THE CONCENTRATION, PURIFICATION, AND DETECTION OF BIOLOGICAL AND/OR MEDICAL TARGETS OF INTEREST FROM A BIOLOGICAL SAMPLE**
[54] **DISPOSITIF MICROFLUIDIQUE, EN PARTICULIER DE TYPE LABORATOIRE-SUR-PUCE, POUR LA CONCENTRATION, LA PURIFICATION ET LA DETECTION DE CIBLES BIOLOGIQUES ET/OU MEDICALES D'INTERET A PARTIR D'UN ECHANTILLON BIOLOGIQUE**
[72] IANNONE, EUGENIO, IT
[72] MORONI, MAURIZIO, IT
[72] GERMANI, GIACOMO, IT
[71] DIANAX S.R.L., IT
[85] 2019-03-15
[86] 2017-09-15 (PCT/EP2017/073364)
[87] (WO2018/050867)
[30] IT (PCT/IT2016/000211) 2016-09-15

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[13] A1
[51] **Int.Cl. G01M 3/20 (2006.01)**
[25] EN
[54] **FILL PROBE ATTACHMENT HAVING ELONGATE GAS-GUIDING ELEMENT**
[54] **ELEMENT RAPPORTE DE SONDE A REMPLISSAGE COMPORTANT UN ELEMENT ALLONGE DE GUIDAGE DE GAZ**
[72] DECKER, SILVIO, DE
[71] INFICON GMBH, DE
[85] 2019-03-15
[86] 2017-09-18 (PCT/EP2017/073404)
[87] (WO2018/050879)
[30] DE (10 2016 217 891.1) 2016-09-19

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[13] A1
[51] **Int.Cl. E06B 3/673 (2006.01) E06B 3/677 (2006.01) E06B 9/264 (2006.01)**
[25] EN
[54] **INSULATING GLAZING AND USE THEREOF**
[54] **VITRAGE ISOLANT ET UTILISATION DUDIT VITRAGE ISOLANT**
[72] KUSTER, HANS-WERNER, DE
[72] SCHREIBER, WALTER, DE
[72] MAURER, MARC, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2019-03-15
[86] 2017-06-26 (PCT/EP2017/065635)
[87] (WO2018/054564)
[30] EP (16189624.6) 2016-09-20

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[13] A1
[51] **Int.Cl. C07K 14/725 (2006.01)**
[25] EN
[54] **HPV-SPECIFIC BINDING MOLECULES**
[54] **MOLECULES SE LIANT SPECIFIQUEMENT AU VPH**
[72] SISSONS, JAMES, US
[72] BRANDT, CAMERON, US
[72] CROFT, ALEXANDRA, US
[72] EBENS, ALLEN, US
[72] PEPER, HALEY, US
[72] TOY, DEAN Y., US
[72] BELMONT, BRIAN, US
[72] GOLDFLESS, STEPHEN, US
[72] JIANG, YUE, US
[72] JOHNSTONE, TIMOTHY, US
[72] KOPPSTEIN, DAVID, US
[72] NGUYEN, HIEU, US
[72] SATHER, BLYTHE, US
[72] TIMBERLAKE, SONIA, US
[71] JUNO THERAPEUTICS, INC., US
[85] 2019-03-14
[86] 2017-10-03 (PCT/US2017/055005)
[87] (WO2018/067618)
[30] US (62/403,661) 2016-10-03

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[13] A1
[51] **Int.Cl. C07K 16/36 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **NOVEL ANTIBODIES AGAINST FACTOR XI AND USES THEREOF**
[54] **NOUVEAUX ANTICORPS CONTRE LE FACTEUR XI ET LEURS UTILISATIONS**
[72] WILMEN, ANDREAS, DE
[72] BUCHMULLER, ANJA, DE
[72] TUCKER, ERIK, US
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[71] BAYER HEALTHCARE CO. LTD. CHINA, CN
[71] ARONORA INC., US
[85] 2019-03-15
[86] 2017-09-18 (PCT/EP2017/073410)
[87] (WO2018/054813)
[30] CN (PCT/CN2016/099474) 2016-09-20

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[13] A1
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/045 (2006.01) A61K 31/4152 (2006.01) A61K 47/12 (2006.01) A61K 47/26 (2006.01) A61K 47/34 (2017.01) A61K 47/40 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **SUBLINGUAL PHARMACEUTICAL COMPOSITION OF EDARAVONE AND (+)-2-BORNEOL**
[54] **COMPOSITION PHARMACEUTIQUE SUBLINGUALE D'EDARAVONE ET DE (+)-2-BORNEOL**
[72] WANG, YIJUN, CN
[71] YANTAI YENEPHARMA CO., LTD., CN
[85] 2019-03-15
[86] 2017-08-23 (PCT/CN2017/098620)
[87] (WO2018/040989)
[30] CN (201610761890.7) 2016-08-29

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[13] A1
[51] **Int.Cl. G10L 25/00 (2013.01)**
[25] EN
[54] **SEQUENCE TO SEQUENCE TRANSFORMATIONS FOR SPEECH SYNTHESIS VIA RECURRENT NEURAL NETWORKS**
[54] **TRANSFORMATIONS DE SEQUENCE EN SEQUENCE PERMETTANT LA SYNTHESE DE LA PAROLE PAR L'INTERMEDIAIRE DE RESEAUX NEURONAUX RECURRENTS**
[72] HALL, DAVID LEO WRIGHT, US
[72] KLEIN, DAVID, US
[72] ROTH, DANIEL, US
[72] GILLICK, LAWRENCE, US
[72] MAAS, ANDREW, US
[72] WEGMANN, STEVEN, US
[71] SEMANTIC MACHINES, INC., US
[85] 2019-03-14
[86] 2017-10-24 (PCT/US2017/058138)
[87] (WO2018/081163)
[30] US (62/412,165) 2016-10-24
[30] US (15/792,236) 2017-10-24

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] FR
[54] **METHOD FOR EVALUATING THE EYE IRRITATION POTENTIAL OF CHEMICAL PRODUCTS**
[54] **METHODE D'EVALUATION DU POTENTIEL D'IRRITATION OCULAIRE DE PRODUITS CHIMIQUES**
[72] GROUX, HERVE, FR
[72] COTTREZ, FRANCOISE, FR
[72] ALEPEE, NATHALIE, FR
[72] LEBLANC, VIRGINIE, FR
[71] IMMUNOSEARCH, FR
[85] 2019-03-15
[86] 2017-09-19 (PCT/EP2017/073675)
[87] (WO2018/050927)
[30] FR (1658746) 2016-09-19

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[13] A1
[51] **Int.Cl. A61K 31/40 (2006.01) A61K 9/00 (2006.01) A61K 31/4704 (2006.01) A61K 31/56 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE**
[72] CORR, STUART, GB
[72] NOAKES, TIMOTHY JAMES, GB
[71] MEXICHEM FLUOR S.A. DE C.V., MX
[85] 2019-03-15
[86] 2017-09-18 (PCT/GB2017/052761)
[87] (WO2018/051130)
[30] GB (1615917.0) 2016-09-19
[30] GB (1620519.7) 2016-12-02

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[13] A1
[51] **Int.Cl. A61K 31/665 (2006.01) C07F 9/6571 (2006.01)**
[25] EN
[54] **CRYSTALLINE POLYMORPHIC FORM OF 3-HYDROXY-4,5-BIS-BENZYLOXY-6-BENZYLOXYMETHYL-2-PHENYL-2-OXO-2LAMBDA5-[1,2]OXAPHOSPHINANE**
[54] **FORME POLYMORPHE CRISTALLINE DE 3-HYDROXY-4,5-BIS-BENZYLOXY-6-BENZYLOXYMETHYL-2-PHENYL-2-OXO -2 LAMBDA5-[1,2]OXYPHOSPHINANE**
[72] CLARION, LUDOVIC, FR
[72] LOISEAU, SEVERINE, FR
[72] MARCHAND, PIERRIC, FR
[72] PAUCHET, MORGAN, FR
[71] PHOST'IN, FR
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[72] BARKEY, DOUGLAS JAY, US
[72] CAIN, JAMES ALLEN, US
[72] DELVECCHIO, STEPHEN JOHN, US
[72] LEIMBACH, ANGELA MARIE, US
[72] PIAO, KUN, US
[72] COMER, JAMES KENNETH, US
[72] MALADEN, RYAN DOMINIC, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[72] STEFANONI, ROBERTO, IT
[71] IMPER S.P.A., IT
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[54] **PASSAGE DE CABLE DESTINE A FAIRE PASSER UN CABLE A TRAVERS UNE PARTIE DE BATIMENT**
[72] SIMON, SEBASTIAN, DE
[72] THIEMANN, FRANK, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
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[54] **DERIVES DE 3- (4,5-SUBSTITUE PYRIMIDINAMINE) PHENYLE DEUTERES ET LEURS APPLICATIONS**
[72] ZHU, YONGQIANG, CN
[72] LIU, ZHAOGANG, CN
[72] FENG, CHAO, CN
[72] HU, SHIHE, CN
[72] CHEN, HAO, CN
[72] BAI, ENHE, CN
[72] WANG, JIA, CN
[72] SHI, JINGMIAO, CN
[71] NANJING CHUANGTE PHARMACEUTICAL TECHNOLOGY CO., LTD, CN
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[54] **SYSTEME ORTHODONTIQUE A MESURE, SURVEILLANCE ET COMMANDE DE DEPLACEMENT ET DE POSITION DE DENT**
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[72] RONEN, SHACHAR, IL
[71] DROR ORTHO DESIGN LTD, IL
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[54] **SIEGE ERGONOMIQUE BASCULANT ENTRE DEUX CONFIGURATIONS**
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[72] LACROUTS-CAZENAVE, IVAN, FR
[72] LACROUTS-CAZENAVE, LAURENCE, FR
[71] TOUTI TERRE, FR
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[54] **PROMEDICAMENTS NANOPARTICULAIRES**
[72] FATTAL, ELIAS, FR
[72] TSAPIS, NICOLAS, FR
[72] LORSCHEIDER, MATHILDE, FR
[72] CANIONI, ROMAIN, FR
[72] REYNAUD, FRANCELINE, BR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE PARIS-SUD 11, FR
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[72] LORIOT, JEAN-MARC, FR
[72] SALESSE, CHRISTIAN, FR
[71] LORIOT, JEAN-MARC, FR
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[54] **SUBSTRAT VERRIER TREMPE A IRIDESCENCE REDUITE**
[72] KAMINSKI, GUILLAUME, AT
[72] GUIRAUD, FRANCOIS, FR
[72] DECOURCELLE, ROMAIN, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **PROCEDE D'OBTENTION DE POLYMERES CATIONIQUES A TENEUR REDUITE EN HALOGENURES**
[72] KIEFFER, JOHANN, FR
[72] FAVERO, CEDRICK, FR
[72] ROUX, CHRISTOPHE, FR
[71] S.P.C.M. SA, FR
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[72] NOAKES, TIMOTHY JAMES, GB
[71] MEXICHEM FLUOR S.A. DE C.V., MX
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[54] **SYSTEME D'ELECTROLYSE REVERSIBLE DE L'EAU A HAUTE TEMPERATURE COMPORTANT UN RESERVOIR D'HYDRURES COUPLE A L'ELECTROLYSEUR**
[72] LACROIX, VINCENT, FR
[72] CHAISE, ALBIN, FR
[72] CREN, JULIE, FR
[72] REYTIER, MAGALI, FR
[72] ROUX, GUILHEM, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[54] **PROCEDE DE FABRICATION D'UN COMPOSITE DE BOIS**
[72] HOEBERGEN, WILHELMUS MARIA, NL
[71] HANDELSONDERNEMING WE-HA, NL
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[54] **PROCEDE ET DISPOSITIF D'ANALYSE D'UNE ONDE ELECTROMAGNETIQUE EN HAUTE DEFINITION**
[72] WATTELLIER, BENOIT, FR
[72] SAINTOYANT, ANAIS, FR
[71] PHASICS, FR
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[54] **COMPOSANT DE TRANSFERT D'ENERGIE DE MICRO-ONDES POUR APPAREIL ELECTROCHIRURGICAL**
[72] HANCOCK, CHRISTOPHER PAUL, GB
[72] WHITE, MALCOLM, GB
[72] PRESTON, SHAUN, GB
[71] CREO MEDICAL LIMITED, GB
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[72] GEHIN, ANTHONY, FR
[71] GEBO PACKAGING SOLUTIONS FRANCE, FR
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[54] **FIBER REINFORCED POLYPROPYLENE COMPOSITE**
[54] **COMPOSITE DE POLYPROPYLENE RENFORCE PAR DES FIBRES**
[72] LUMMERSTORFER, THOMAS, AT
[72] JERABEK, MICHAEL, AT
[72] HOCHRADL, STEFAN, AT
[72] PRETSCHUH, CLAUDIA, AT
[72] RENNER, KAROLY, HU
[72] SOBCZAK, LUKAS, AT
[72] STOCKREITER, WOLFGANG, AT
[72] PUKANSZKY, BELA, HU
[72] MOCZO, JANOS, HU
[71] BOREALIS AG, AT
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[54] **FILTRE EN LIGNE POUR ADMINISTRATION DE MEDICAMENT PROTEIQUE/PEPTIDIQUE**
[72] DEVARANENI, PRASANNA KUMAR, IN
[72] MODY, RUSTOM SORAB, IN
[71] LUPIN LIMITED, IN
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[54] **THIN SHEETS MADE OF AN ALUMINIUM-MAGNESIUM-SCANDIUM ALLOY FOR AEROSPACE APPLICATIONS**
[54] **TOLES MINCES EN ALLIAGE ALUMINIUM-MAGNESIUM-SCANDIUM POUR APPLICATIONS AEROSPATIALES**
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[72] EHRSTROM, JEAN-CHRISTOPHE, FR
[72] POUGET, GAELLE, FR
[71] CONSTELLIUM ISSOIRE, FR
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[54] **METHODES DE TRAITEMENT D'UNE MALADIE OCULAIRE A L'AIDE D'INHIBITEURS DE CSF-1R**
[72] ADAMS, CHRISTOPHER M., US
[72] MOGI, MUNETO, US
[72] POOR, STEPHEN HEDRICK, US
[72] RAMSEY, TIMOTHY MICHAEL, US
[72] WU, HENRY, US
[72] ZHANG, QIN, US
[71] NOVARTIS AG, CH
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[54] **DISPOSITIF DE COMMANDE DE VEHICULE, PROCEDE DE COMMANDE DE VEHICULE, ET CORPS MOBILE**
[72] KANEKO, ASAKO, JP
[72] MARUKAWA, KAZUYUKI, JP
[72] SHIMIZU, ITARU, JP
[72] HAYAMIZU, SHINNOSUKE, JP
[72] YUKAWA, YASUHIRO, JP
[71] SONY CORPORATION, JP
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[54] **DERIVES DE TETRAHYDROPYRIDINE ET LEUR UTILISATION EN TANT QU'AGENTS ANTIBACTERIENS**
[72] CHOI, SUN-HO, KR
[72] IM, WEON-BIN, KR
[72] CHOI, SUNG-HAK, KR
[72] CHO, CHONG-HWAN, KR
[72] MOON, HO-SANG, KR
[72] PARK, JUNG-SANG, KR
[72] LEE, MIN-JUNG, KR
[72] SUNG, HYUN-JUNG, KR
[72] MOON, JUN-HWAN, KR
[72] SONG, SEUNG-HYUN, KR
[72] LEE, HYUNG-KEUN, KR
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[54] **PEPTIDE SE LIANT A UN MINERAL CONTENANT DE L'ARSENIC ET SON UTILISATION**
[72] YAMASHITA, MITSUO, JP
[72] MIURA, AKIRA, JP
[71] SHIBAURA INSTITUTE OF TECHNOLOGY, JP
[71] JX NIPPON MINING & METALS CORPORATION, JP
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[72] MIYAMURA, TAKAKO, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **PROCEDE ET DISPOSITIF PERMETTANT DE TRANSMETTRE OU DE RECEVOIR UN SIGNAL DE LIAISON MONTANTE DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] YOON, SUKHYON, KR
[72] KO, HYUNSOO, KR
[72] KIM, KIJUN, KR
[72] KIM, EUNSUN, KR
[71] LG ELECTRONICS INC., KR
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[54] **PLATEFORME DE CONFIANCE ET APPLICATIONS BOP INTEGREES PERMETTANT LA MISE EN RESEAU DE COMPOSANTES BOP**
[72] LANE, EOIN, IE
[72] BHATTACHARYYA, ANJANA, US
[72] NIU, YUAN, US
[72] YUAN, XIN, US
[72] BASU, NIPA, US
[71] THE DUN & BRADSTREET CORPORATION, US
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[71] CHEVRON JAPAN LTD., JP
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[54] **CONNECTEUR DE CARTE DE CIRCUIT COUDE**
[72] HARTMAN, JEFFREY DAVID, US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
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[72] MASAMUNE, HIROKO, US
[72] ERION, MARK, US
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[72] CHEN, LIANG, US
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[72] TURNER, WILLIAM, US
[72] ARNOLD, LEE DANIEL, US
[72] LI, LEPING, US
[72] BURES, MARK, US
[72] HAYDAR, SIMON, US
[72] MAAG, HANS, DE
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[54] **SYSTEME ET PROCEDE DE MODELISATION HEURISTIQUE PREDICTIVE ET NON PREDICTIVE**
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[54] **APPAREIL DE COMMANDE D'ECOULEMENT DE PUITS DE FORAGE AVEC REGULATION DE SOLIDES**
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[72] WHYTE, RIO, CA
[72] ELLIS, DUSTIN, US
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[54] **POINTE POUR UN OUTIL CHIRURGICAL A ULTRASONS AYANT DES BORDS DE COUPE CEMENTES ET SON PROCEDE DE FABRICATION**
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[72] MANLEY, KEVIN, IE
[72] NUNAN, GERARD, IE
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[54] **MESURE ET COMPENSATION DU SAUTILLEMENT DANS LES SYSTEMES EXECUTANT UN TRAITEMENT DE SIGNAL AUDIO SENSIBLE A LA LATENCE**
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[72] NEUFELD, LEONA ARLENE, CA
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[72] FISHER, MICHAEL ALLEN, US
[72] STRANE, PATRICK WILLIAM, US
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[54] **ASSAY MODULES HAVING ASSAY REAGENTS AND METHODS OF MAKING AND USING SAME**
[54] **MODULES D'ESSAIS A REACTIFS D'ESSAIS ET LEURS PROCEDES DE PREPARATION ET D'EMPLOI**
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[72] GLEZER, ELI N., US
[72] JEFFREY-COKER, BANDELE, US
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[54] **APPAREIL, SYSTEME ET PROCEDE DE DISTRIBUTION DE FLUIDE**
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[72] LANIGAN, RICHARD J., US
[72] FICHERA, STEPHEN L., US
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[54] **PRODUITS GENIQUES D'EXPRESSION DIFFERENCIEE DANS LES TUMEURS ET LEUR UTILISATION**
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[54] **COMPOSES ET PROCEDES DE DETECTION D'ENZYMES QUI ELIMINENT DES GROUPES FORMYLE, SUCCINYLE, METHYL SUCCINYLE OU MYRISTOYLE A PARTIR DE FRACTIONS EPSILON-AMINO LYSINE**
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[72] HOWITZ, KONRAD T., US
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[72] ANGELLE, JEREMY RICHARD, US
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[54] **COMPOSE QUI SE LIE SELECTIVEMENT AU CD123 ET QUI UTILISE CE MECANISME POUR TUER LES PROGENITEURS DANS LES CANCERS HEMATOLOGIQUES**
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[54] **SYSTEME DE TRACTION DESTINE A UN VEHICULE**
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[72] REVINGTON, ADRIAN, CA
[72] GORANSON, MARC, CA
[72] WELLS, PATRICK SEAN, CA
[72] KONE, MACOURA, CA
[72] HOCKLEY, DARYL, CA
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[72] DIEP, JOHN, CA
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[54] **DOSIMETRES INCLUANT DES SYSTEMES IMAGEURS SANS LENTILLE**
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[54] **APPAREIL POUR LA FOURNITURE DE GAZ A UN PATIENT**
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[72] O'DONNELL, KEVIN PETER, NZ
[72] KRAMER, MARTIN PAUL FRIEDRICH, NZ
[72] TATKOV, STANISLAV, NZ
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[54] **SYSTEMES ET PROCEDES POUR EXECUTER UNE SUPPRESSION DYNAMIQUE DANS DES DISPOSITIFS RADIOFREQUENCE**
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[72] GRADY, ROBERT H., US
[71] MUELLER INTERNATIONAL, LLC, US
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[72] KLUGE, THOMAS, DE
[71] HERAEUS MEDICAL GMBH, DE
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[72] COTE, RIC, US
[72] MALECKI, WILLIAM, US
[71] CHANNEL MEDSYSTEMS, INC., US
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[71] INTELLINOX INC., CA
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[54] **TRANSPARENT DISPLAY BACKLIGHT ASSEMBLY**
[54] **ENSEMBLE RETROECLAIRAGE A AFFICHAGE TRANSPARENT**
[72] BOHN, DAVID D., US
[72] FLECK, ROD G., US
[72] KNEE, DEREK LESLIE, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **IMAGING SYSTEM AND METHOD FOR USE IN SURGICAL AND INTERVENTIONAL MEDICAL PROCEDURES**
[54] **SYSTEME ET PROCEDE D'IMAGERIE A UTILISER DANS DES PROCEDURES CHIRURGICALES ET DES INTERVENTIONS MEDICALES**
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[72] JOHNSTON, SAMUEL MORRIS, US
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[54] **MUD PULSE TELEMETRY APPARATUS WITH A PRESSURE TRANSDUCER AND METHOD OF OPERATING SAME**
[54] **APPAREIL DE TELEMETRIE D'IMPULSION DE BOUE AYANT UN CAPTEUR DE PRESSION ET PROCEDE DE FONCTIONNEMENT DE CELUI-LA**
[72] LOGAN, AARON W., CA
[72] LIU, JILI, CA
[72] SWITZER, DAVID A., CA
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[72] CASSIDY, BRENDAN G., CA
[72] CARRIERE, LINDSEY M., CA
[72] CARRIERE, LYNDON J., CA
[72] SEGSTRO, AARON J., CA
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[72] WHITE, NATHANAEL G., US
[71] UNIVERSAL CITY STUDIOS LLC, US
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[54] **APPARATUS AND METHOD FOR CHANGING BODY TEMPERATURE BY EXTRACORPOREAL HEATING OR COOLING OF BLOOD**
[54] **APPAREIL ET PROCEDE UTILISES POUR ABAISSER OU AUGMENTER RAPIDEMENT LA TEMPERATURE CORPORELLE D'UN PATIENT**
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[54] **APPARATUS AND METHOD FOR REPAIRING PIPES AND PIPE JUNCTIONS**
[54] **COMPOSE POUR LE TRAITEMENT ET LA PROPHYLAXIE DE LA MALADIE DU VIRUS RESPIRATOIRE SYNCYTIAL**
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[71] LMK TECHNOLOGIES, LLC, US
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[72] BEACH, BRADLEY, US
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