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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

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

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

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

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

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

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
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[54] - Title of Invention
[60] - Related by Supplementary Disclosure
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[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 January 2, 2018

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1708***
For each additional sheet over 30	**$19**
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 2 janvier 2018

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1708 $***
Pour chaque feuille au delà de 30	**19 $**
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*)) **$257**

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

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** 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*)) **257 $**

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

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** 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

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.*

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

14. Procédures de correspondance

le 20 juin, 2017

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. 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.

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

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 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.

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.

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.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation 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.

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.

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.

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.

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.

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.

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.

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.

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.

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

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.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 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.

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.

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.

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. 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.

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 October 30, 2018 contains applications open to public inspection from October 14, 2018 to October 20, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 30 octobre 2018 contient les demandes disponibles au public pour consultation pour la période du 14 octobre 2018 au 20 octobre 2018.

Canadian Patents Issued

October 30, 2018

Brevets canadiens délivrés

30 octobre 2018

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[11] **2,437,958**
[13] C
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[54] **PROCEDE ET APPAREIL DE COMMANDE DE PUISSANCE D'UNE PREMIERE TRANSMISSION DE DONNEES DANS UNE PROCEDURE D'ACCES ALEATOIRE DU SYSTEME DE COMMUNICATION A ACCES MULTIPLE PAR REPARTITION DANS LES FREQUENCES (FDMA)**
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[73] PENTRAXIN THERAPEUTICS LIMITED, GB
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[73] SOCIETE EUROPEENNE DE SYSTEMES OPTIQUES, FR
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[73] BA.MA. S.P.A., IT
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[54] **EXTENSION DES FONCTIONS D'UN SYSTEME INTEGRE**
[72] CAPUOZZO, GIUSEPPE, IT
[72] BORGHINI, MARCO, IT
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] **FLAT JET FLUID NOZZLES WITH ADJUSTABLE DROPLET SIZE INCLUDING FIXED OR VARIABLE SPRAY ANGLE**
[54] **BUSES A JET DE FLUIDE PLAT PRESENTANT UNE TAILLE DE GOUTTELETTES REGLABLE ET UN ANGLE DE PULVERISATION FIXE OU VARIABLE**
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[73] SNO TEK P/L, AU
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[72] CARTER, CHARLES ASHTON GARRET, CA
[72] JABER, ISAM, CA
[72] JOBE, IAN RONALD, CA
[72] CHISHOLM, P. SCOTT, CA
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[54] **PROCEDE, SYSTEME ET GENERATEUR DE SIGNAUX PERMETTANT DE DETERMINER LA QUALITE D'UNE LIAISON DE RESEAU IP**
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[54] **APPAREIL DE FABRICATION ADDITIVE A MODULE OPTIQUE A INSTALLATION AMOVIBLE ET METHODE D'INSTALLATION CORRESPONDANTE DU MODULE OPTIQUE**
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[72] SUTCLIFFE, CHRISTOPHER, GB
[73] RENISHAW PLC, GB
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[54] **ENSEMBLE RUBAN DE FIBRE OPTIQUE**
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[72] BROWN, ERNEST, GB
[72] HARTOG, ARTHUR, GB
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[54] **SYSTEME A DOUBLE OUVERTURE POUR BOITES A BOISSON**
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[73] ANHEUSER-BUSCH INBEV S.A./N.V., BE
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[72] ANDREONI, TODD, US
[72] BOGERT, GERRY, US
[72] HORVATH, JOSHUA, US
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **METHODS AND MEANS FOR EFFICIENT SKIPPING OF AT LEAST ONE OF THE FOLLOWING EXONS OF THE HUMAN DUCHENNE MUSCULAR DYSTROPHY GENE: 43, 46, 50- 53.**
[54] **METHODES ET MOYENS POUR SAUTER EFFICACEMENT AU MOINS L'UN DES EXONS SUIVANTS DU GENE DE LA DYSTROPHIE MUSCULAIRE HUMAINE DE DUCHENNE : 43, 46, 50 A 53.**
[72] DE KIMPE, JOSEPHUS JOHANNES, NL
[72] VAN DEUTEKOM, JUDITH CHRISTINA THEODORA, NL
[72] AARTSMA-RUS, ANNEMIEKE, NL
[72] VAN OMMEN, GARRIT-JAN BOUDEWIJN, NL
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[54] **DISPOSITIF D'OCCLUSION MUNI D'UN ELEMENT RESISTANT A L'ETIREMENT ET D'UN FILAMENT D'ANCRAGE**
[72] LORENZO, JUAN, US
[72] SLAZAS, ROBERT, US
[72] FORSYTHE, PETER, US
[72] BODEN, THOMAS, US
[72] BROWN, MICHAEL, US
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[54] **POCHE DE FLUIDE, SYSTEME, ET PROCEDE DE STOCKAGE D'UN FLUIDE PRELEVE SUR UN SITE TISSULAIRE**
[72] COULTHARD, RICHARD DANIEL JOHN, GB
[72] ROBINSON, TIMOTHY MARK, GB
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] TOUT, AIDAN MARCUS, GB
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[72] VERPLOEGEN, SANDRA, NL
[72] SATIJN, DAVID P. E., NL
[72] HOET, RENE M. A., NL
[72] PARREN, PAUL, NL
[72] VAN DE WINKEL, JAN, NL
[72] BREINHOLT, VIBEKE MILLER, DK
[72] EHRNROOTH, EVA, DK
[72] BAADSGAARD, OLE, DK
[72] VINK, TOM, NL
[72] BLEEKER, WILLEM KAREL, NL
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[72] OUDSHOORN, MAROESKA, NL
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[25] EN
[54] **DUAL-CHAMBERED DRUG DELIVERY DEVICE FOR HIGH PRESSURE INJECTIONS**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENTS A DOUBLE CHAMBRE POUR INJECTIONS HAUTE PRESSION**
[72] BRUEHWILER, MICHEL, US
[72] ROSEN, MELISSA, US
[72] SCHOONMAKER, RYAN, US
[72] SPOOL, IRA, US
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **TRAITEMENT DES POUMONS ET DES MALADIES ET TROUBLES PULMONAIRES**
[72] COLTER, DAVID C., US
[72] KIHM, ANTHONY J., US
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[72] GOSIEWSKA, ANNA, US
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[73] POET RESEARCH INCORPORATED, US
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[54] **SELF-ASSEMBLING MODULAR PERCUTANEOUS VALVE AND METHODS OF FOLDING, ASSEMBLY AND DELIVERY**
[54] **VALVE PERCUTANEE MODULAIRE A AUTOASSEMBLAGE ET PROCEDES DE PLIAGE, D'ASSEMBLAGE ET DE POSE**
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[72] RICHTER, JACOB, IL
[72] WEISZ, ETY, IL
[73] VALVE MEDICAL LTD, IL
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[54] **ANALOGUES DE CARBA-NUCLEOSIDE POUR TRAITEMENT ANTIVIRAL**
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[72] XU, JIE, US
[73] GILEAD SCIENCES, INC., US
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[54] **SYSTEME ET PROCEDE DE YAHRZEIT**
[72] DONLY, WARREN S., US
[72] ROSENSHEIN, NORMAN, US
[72] ZOLDAN, JOSEPH, US
[72] ZWEIMAN, ROBERT M., US
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[54] **SYSTEME ET PROCEDE DE TRANSFERT D'UNE SESSION ENTRE DOMAINES ET ABONNES**
[72] FOTI, GEORGE, CA
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[54] **ARCHITECTURE DE MEMOIRE VIRTUELLE NON UNIFORME (NUMA) POUR MACHINES VIRTUELLES**
[72] OSHINS, JACOB, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **COMPOSITION DE CATALYSEUR ET METHODE DE FABRICATION**
[72] LEWIS, LARRY NEIL, US
[72] COLBORN, ROBERT EDGAR, US
[72] MHADESHWAR, ASHISH BALKRISHNA, US
[72] HANCU, DAN, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **BLOC DE PAVE DE BETON INTERCONNECTABLE PREMOULE POUR LA CONSTRUCTION DE SURFACES PAVEES**
[72] CICCARELLO, CHARLES, CA
[73] TECHO-BLOC INC., CA
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[25] FR
[54] **METHOD FOR DEVELOPING AN INFORMATION PREDICTION DEVICE, USE THEREOF, AND CORRESPONDING STORAGE MEDIUM AND APPARATUS**
[54] **PROCEDE D'ELABORATION D'UN DISPOSITIF DE PREDICTION, UTILISATION, SUPPORT DE STOCKAGE D'INFORMATION ET APPAREIL CORRESPONDANTS**
[72] DUCHESNAY, EDOUARD, FR
[72] PAILLERE, MARIE-LAURE, FR
[72] CACHIA, ARNAUD, FR
[72] MARTINOT, JEAN-LUC, FR
[72] ARTIGES, ERIC, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[54] **ALPHA-GALACTOSYL CERAMIDE ANALOGS AND THEIR USE AS IMMUNOTHERAPIES, ADJUVANTS, AND ANTIVIRAL, ANTIBACTERIAL, AND ANTICANCER AGENTS**
[54] **ANALOGUES D'ALPHA-GALACTOSYLCERAMIDE, ET LEUR UTILISATION EN IMMUNOTHERAPIES, EN TANT QU'ADJUDANTS, ET EN TANT QU'AGENTS ANTIVIRAUX, ANTIBACTERIENS ET ANTICANCEREUX**
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[72] YU, ALICE, US
[72] CHANG, YA-JEN, US
[72] LIN, KUN-HSIEN, TW
[72] HUNG, JUNG-TUNG, TW
[73] ACADEMIA SINICA, TW
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[54] **AMELIORER LA RECUPERATION D'UN RESERVOIR D'HYDROCARBURES**
[72] SCOTT, GEORGE R., CA
[73] IMPERIAL OIL RESOURCES LIMITED, CA
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[54] **PANNEAU D'ECLAIRAGE**
[72] MATYEAR, JOHN, AU
[73] PIXALUX INNOVATIONS PTY LTD, AU
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[25] EN
[54] **SAFETY HELMET OR HEADPIECE WITH IMPROVED SAFETY FEATURES**
[54] **CASQUE DE SECURITE OU ENSEMBLE DE TETE DOTE DE CARACTERISTIQUES DE SECURITE AMELIOREES**
[72] JONES, JEANETTE, AU
[73] JONES, JEANETTE, AU
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[25] EN
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[72] VAN DOORN, ARIE R., NL
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[72] STROUCKEN, LOUIS, NL
[72] VAN DE WAL, MARLOES M. E. B., NL
[72] SHULEPOV, SERGEI, NL
[72] ROOZEN, NICOLAAS B., NL
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[54] **PROCEDE DE FABRICATION D'UN VITRAGE FEUILLETE ET VITRAGE FEUILLETE**
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[72] LEVASSEUR, FABIEN, FR
[72] NUGUE, JEAN-CLEMENT, FR
[73] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **ANTI-LPS ENRICHED IMMUNOGLOBULIN PREPARATION FOR USE IN TREATMENT AND/OR PROPHYLAXIS OF A PATHOLOGIC DISORDER.**
[54] **PREPARATION D'IMMUNOGLOBULINE ENRICHIE ANTI-LPS DESTINEE AU TRAITEMENT OU A LA PROPHYLAXIE DE TROUBLE PATHOGENE**
[72] ILAN, YARON, IL
[72] LALAZAR, GADI, IL
[72] ADAR, TOMER, IL
[72] MIZRAHI, MEIR, IL
[72] BEN-YA'ACOV, AMI, IL
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[54] **A DRIED AND STABILIZED READY-TO-USE COMPOSITION CONTAINING NUCLEIC ACID POLYMERIZATION ENZYMES FOR MOLECULAR BIOLOGY APPLICATIONS**
[54] **COMPOSITION PRETE A L'EMPLOI SECHEE ET STABILISEE CONTENANT DES ENZYMES DE POLYMERISATION D'ACIDE NUCLEIQUE POUR DES APPLICATIONS EN BIOLOGIE MOLECULAIRE**
[72] DE LUCA, UGO, IT
[72] ROVEDA, LUIGI, IT
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[54] **METHODS FOR TREATMENT OF METABOLIC DISORDERS USING EPIMETABOLIC SHIFTERS, MULTIDIMENSIONAL INTRACELLULAR MOLECULES, OR ENVIRONMENTAL INFLUENCERS**
[54] **METHODES DE TRAITEMENT DE TROUBLES METABOLIQUES A L'AIDE DE DECALEURS EPIMETABOLIQUES, DE MOLECULES INTRACELLULAIRES MULTIDIMENSIONNELLES OU D'INFLUENCEURS ENVIRONNEMENTAUX**
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[72] MCCOOK, JOHN PATRICK, US
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[72] JONES, CHRISTOPHER, GB
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[54] **APPARATUS FOR DETECTING HUMANS ON CONVEYOR BELTS USING ONE OR MORE IMAGING DEVICES**
[54] **APPAREIL DE DETECTION DE PERSONNES SUR LES COURROIES D'UN CONVOYEUR A L'AIDE D'UN OU PLUSIEURS DISPOSITIFS D'IMAGERIE**
[72] SHEHATA, MOHAMED, CA
[72] MOHAMED, TAMER, CA
[72] BADAWY, WAEL, CA
[73] INTELLIVIEW TECHNOLOGIES INC., CA
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[54] **DISPOSITIF, METHODES ET SYSTEME DE BAIN**
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[54] **PROCEDES ET COMPOSITIONS DESTINES A TRAITER ET A PREVENIR DES MALADIES ASSOCIEES A L'INTEGRINE ?V?5**
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[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **PROCEDES DE CLASSIFICATION D'ECHANTILLONS BIOLOGIQUES POUR PREDIRE UNE REPONSE A UN TRAITEMENT PAR INHIBITEUR DE LA TYROSINE KINASE**
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[72] MORRISON, LARRY, US
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[72] WADEY, ROBERT, GB
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[72] BRANAGAN, DANIEL JAMES, US
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[72] MEACHAM, BRIAN E., US
[72] KIILUNEN, WILLIAM D., US
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[54] **SYSTEME DE REMEDIATION DES METAUX LOURDS**
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[73] INTER AMERICAN UNIVERSITY OF PUERTO RICO, US
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[54] **METHOD AND SYSTEM FOR EMPIRICAL MODELING OF TIME-VARYING, PARAMETER-VARYING, AND NONLINEAR SYSTEMS VIA ITERATIVE LINEAR SUBSPACE COMPUTATION**
[54] **PROCEDE ET SYSTEME DE MODELISATION EMPIRIQUE DE SYSTEMES VARIANT DANS LE TEMPS, A PARAMETRES VARIABLES ET NON LINEAIRES, A L'AIDE DE CALCULS ITERATIFS DE VARIETE LINEAIRE**
[72] LARIMORE, WALLACE E., US
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[72] BENGIO, SAMY, US
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[54] **MEMBRANE NUE DE GRAPHENE COMPRENANT UN NANOPORE PERMETTANT LA DETECTION ET L'ANALYSE MOLECULAIRES A HAUTE SENSIBILITE**
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[72] MARTINEZ, TONY L., US
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[54] **PROCEDES ET SYSTEMES PERMETTANT D'EXTRAIRE DES PHRASES CLES A PARTIR D'UN TEXTE NATUREL EN VUE D'UNE INDEXATION PAR UN MOTEUR DE RECHERCHE**
[72] SHEHATA, SHADY, CA
[72] KARRAY, FAKHRI, CA
[72] KAMEL, MOHAMED SALEM, CA
[73] SHEHATA, SHADY, CA
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[54] **BUSELURE D'ETANCHEITE POUR LE JOINT D'AXE DE MAILLON D'UN TRAIN D'ATTERRISSAGE**
[72] LIANG, GUANGHUI, US
[72] DIEKEVERS, MARK, US
[72] KIESEL, MARK, US
[72] JOHANNSEN, ERIC, US
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[54] **METHODES ET OUTILS DE SELECTION DE JOINT D'ETANCHEITE DE PRISE DE FORCE**
[72] YOUNG, BRIAN, US
[72] RINKENBAUGH, JOHN, US
[72] ARMSTRONG, JEREMY, US
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[54] **DISPOSITIFS MEDICAUX ANTIMICROBIENS / ANTIBACTERIENS REVETUS AU MOYEN DE MEDICAMENTS CHINOIS TRADITIONNELS**
[72] POKROPINSKI, HENRY, US
[72] FISCHER, JEROME A., US
[72] JONN, JERRY, US
[72] WANG, HUIMIN, CN
[72] ROTHENBURGER, STEPHEN, US
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[54] **SYSTEME DE FIXATION D'OUTIL MULTIPLE AVEC CORPS UNIVERSEL AVEC GRAPPIN**
[72] RAMUN, JOHN R., US
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[72] CAWOOD, MARTIN, ZA
[72] JACOBS, AT, ZA
[72] PASTORINO, PAOLO ETTORE, ZA
[72] KAPP, DIEDRICK, ZA
[72] MARVIN, NICHOLAS, ZA
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[54] **PROCEDE ET DISPOSITIF DE COMPENSATION D'OUTIL**
[72] CANTELLI, UGO, IT
[72] NELSON, GARTH, US
[72] LUO, YUANFENG, CN
[72] ZHAN, YIMIN, CN
[72] CIAPPI, ROBERTO, IT
[72] ARCIONI, MASSIMO, IT
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[54] **DISPOSITIF DE LASAGE HAUTE VITESSE**
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[73] MELLANOX TECHNOLOGIES LTD., IL
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[72] ZHAO, HUAWEI, US
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[54] **SYSTEME ET METHODE D'AJUSTEMENT AUTOMATIQUE DU SYSTEME DE COMBUSTION D'UNE TURBINE A GAZ**
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[72] CECCHERINI, GIANNI, IT
[72] BARDI, FRANCESCO, IT
[72] GHELARDI, DAVID, IT
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[54] **NEUTRALISATION DES ANTICORPS DU RECEPTEUR DE LA PROLACTINE ET UTILISATION THERAPEUTIQUE ASSOCIEE**
[72] OTTO, CHRISTIANE, DE
[72] WOLF, SIEGMUND, DE
[72] FREIBERG, CHRISTOPH, DE
[72] HARRENGA, AXEL, DE
[72] GREVEN, SIMONE, DE
[72] TRAUTWEIN, MARK, DE
[72] BRUDER, SANDRA, DE
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[54] **APPAREIL DE POSITIONNEMENT PERMANENT OU AMOVIBLE ET METHODE DE FONCTIONNEMENT DES OUTILS DE FOND**
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[72] BOELTE, WILLIAM F., US
[72] STREIBICH, DOUGLAS J., US
[73] ROBERTSON INTELLECTUAL PROPERTIES, LLC, US
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[54] **WOUND TREATMENT APPARATUSES AND METHODS FOR CONTROLLED DELIVERY OF FLUIDS TO A WOUND**
[54] **APPAREILS DE TRAITEMENT DE BLESSURES ET PROCEDES PERMETTANT L'ADMINISTRATION CONTROLEE DE FLUIDES AU NIVEAU D'UNE BLESSURE**
[72] LOCKE, CHRISTOPHER, US
[72] WHYTE, DAVID GEORGE, US
[73] KCI LICENSING, INC., US
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[54] **AUBE DE TURBOMACHINE EN MATERIAU COMPOSITE ET PROCEDE POUR SA FABRICATION**
[72] NUNEZ, ROMAIN, FR
[72] BLANCHARD, STEPHANE, FR
[72] RENON, GUILLAUME, FR
[72] COUPE, DOMINIQUE, FR
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[54] **CHAISE DOTEE D'UN MECANISME BERCANT MONTE SUR PILIER**
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[54] **PUITS THERMOMETRIQUE RESISTANT A LA FATIGUE ET PROCEDES**
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[72] SCHULTZ, ROBERT, US
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[54] **ELEMENTS REGULATEURS CHEZ LES VEGETAUX ET APPLICATIONS ASSOCIEES**
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[72] DIETRICH, CHARLES, US
[72] WU, WEI, US
[72] LI, ZHAOLONG, US
[72] QIU, BO-XING, US
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[54] **UNE BOISSON D'EMULSION HUILE DANS L'EAU RENFERMANT DES HYDROCOLLOIDES**
[72] SCHWAIER, BETTINA, DE
[72] MUELLER, MICHAEL, DE
[72] HORLACHER, PETER, DE
[72] REITLINGER, SANDRA, DE
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[54] **SEPARATEUR DE GLACE POUR SYSTEME DE CARBURANT**
[72] HAGSHENAS, BEHZAD, US
[73] HAMILTON SUNSTRAND CORPORATION, US
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[54] **USE OF PTEN-LONG LEADER SEQUENCE FOR TRANSMEMBRANE DELIVERY OF MOLECULES**
[54] **UTILISATION DE LA SEQUENCE DE TETE DE LA LONGUEUR DU PTEN DANS L'ADMINISTRATION TRANSMEMBRANAIRE DE MOLECULES**
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[73] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
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[54] **PROCEDE ET SYSTEME D'EXAMEN D'UN ECHANTILLON A ANALYSER AVEC AVERTISSEMENT EN CAS DE TENDANCE A LA HAUSSE OU A LA BAISSE DE LA GLYCEMIE**
[72] STRACHAN, ALEXANDER, GB
[72] PRICE, DAVID, US
[72] TEFT, GILLIAN, GB
[72] CAVAYE, ROBERT, GB
[72] OSAKI, MIYA, US
[72] VENTURA, KIMBERLY MINGO, US
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[54] **CRYSTALLINE FORMS OF 5-AMINO-2,3-DIHYDROPHTHALAZINE-1,4-DIONE SODIUM SALT, PHARMACEUTICAL PREPARATIONS CONTAINING THE SAME, METHOD FOR PRODUCTION OF SAID FORMS AND USE OF SAID FORMS FOR MODULATING THE IMMUNE SYSTEM**
[54] **FORMES CRISTALLINES DE SEL DE SODIUM DE 5-AMINO-2,3-DIHYDROPHTHALAZINE-1,4-DIONE, PREPARATIONS PHARMACEUTIQUES RENFERMANT DE TELLES FORMES,METH ODE DE PRODUCTION DESDITES FORMES ET UTILISATION DESDITESFORME POUR LA MODULATION DU SYSTEME IMMUNITAIRE**
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[72] BRYSCH, WOLFGANG, DE
[72] KAISER, ASTRID, DE
[72] LUDESCHER, BEATE, DE
[72] MAASS, GERRIT, DE
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[54] **PRODUIT COMESTIBLE RENFERMANT DE L'HUILE ET UNE ENZYME ACTIVE, SALADE COMPORTANT LEDIT PRODUIT ET UTILISATION ASSOCIEE EN VUE D'AUGMENTER LA BIODISPONIBILITE D'UN OU DE PLUSIEURS MICRONUTRIMENTS QUE RENFERME UN LEGUME OU UN FRUIT**
[72] BOUWENS, ELISABETH CORNELIA MARIA, NL
[72] CAO, XIUZHEN, CN
[72] FLENDRIG, LEONARDUS MARCUS, NL
[72] VAN DER HIJDEN, HENDRIKUS THEODORUS WILHELMUS MARIA, NL
[72] HU, YINGCHUN, CN
[73] UNILEVER PLC, GB
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[73] MERTIK MAXITROL GMBH & CO. KG, DE
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[54] **DISTRIBUTEUR DE SERINGUE, SUPPORT ET PLAQUE D'APPLICATION DUDIT DISTRIBUTEUR DE SERINGUE ET SA METHODE D'UTILISATION.**
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[54] **COMPOSES DE PICOLINAMIDE ET DE PYRIMIDINE-4-CARBOXAMIDE, LEUR PROCEDE DE PREPARATION ET COMPOSITION PHARMACEUTIQUE LES COMPRENANT**
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[72] KIM, SHIN AE, KR
[72] RYU, KEUN HO, KR
[72] KIM, JAE SUN, KR
[72] KIM, NAM HO, KR
[72] HAN, HYE YOUNG, KR
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[72] SON, HYUN JOO, KR
[72] LEE, BONG-YONG, KR
[72] PARK, SUNG HOON, KR
[72] LEE, JU YOUNG, KR
[72] LEE, HYUN JUNG, KR
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[54] **MOTOCYCLETTE EQUIPEE D'UN MOTEUR A COMBUSTION INTERNE COMPACT**
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[73] KJ IP VERWALTUNGS GMBH, DE
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[54] **COMPOSITIONS RENFERMANT DES SUBSTANCES BIOLOGIQUES DERIVEES DE CELLULES PRIMAIRES SERVANT A AMELIORER LA REPONSE IMMUNITAIRE DES PATIENTS**
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[72] SIGNORELLI, KATHY, US
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[72] NAYLOR, PAUL, US
[73] IRX THERAPEUTICS, INC., US
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[54] **CAPTEUR UTILISANT LA LUMINESCENCE**
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[72] KURZBUCH, DIRK, IE
[72] RUCKSTUHL, THOMAS, CH
[72] MACCRAITH, BRIAN, IE
[72] O'DRISCOLL, STEPHEN, IE
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[54] **MELANGES POLYMERES UTILES DANS DES APPLICATIONS BALISTIQUES**
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[72] PONT, NICOLAS, FR
[72] REBOUILLAT, SERGE, FR
[72] ROLLAND, LOIC PIERRE, FR
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **FORMULATIONS D'UNITES DE DOSAGE DE FIBROBLASTES DERMIQUES AUTOLOGUES**
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[73] FIBROCELL TECHNOLOGIES, INC., US
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[73] SMILESTRAW PTY LTD, AU
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[54] **DISPERSION SOLIDE DE TOLVAPTAN ET SON PROCEDE DE PREPARATION**
[72] WU, YUXIA, CN
[72] MAO, SHUJUN, CN
[72] CHEN, HAO, CN
[73] JIANGSU HENGRUI MEDICINE CO., LTD., CN
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[54] **OUTILS DE POSE DE SUTURE POUR UNE CHIRURGIE ENDOSCOPIQUE ET ASSISTEE PAR ROBOT ET METHODES ASSOCIEES**
[72] AVELAR, RUI, US
[72] DRUBETSKY, LEV, CA
[72] NAIMAGON, ALEXANDER, CA
[73] ETHICON, LLC, US
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[54] **RECONFIGURATION DE CARACTERISTIQUES CARDIAQUES**
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[72] ABBS, JEREMY A., US
[72] BIANCUCCI, BRIAN A., US
[73] MILLIPEDE LLC, US
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[54] **SYSTEME OPTIQUE PRESENTANT UNE RESISTANCE AMELIOREE A DES EFFETS EXTERNES OPTIQUEMENT DEGRADANTS**
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[54] **PROCEDE POUR LA FABRICATION D'UN PRODUIT MOULE PAR INJECTION**
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[54] **DISPOSITIF DE CONNEXION ELECTRIQUE ENTRE DEUX CELLULES SUCCESSIVES D'UNE SERIE DE CELLULES POUR LA PRODUCTION D'ALUMINIUM**
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[54] **PROCEDE ET APPAREIL POUR FIXER UN TISSU MOU A DE L'OS**
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[72] ROHLINGER, GEORGE J., US
[73] REDYNS MEDICAL LLC, US
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[72] LIM, CHONG SOON, SG
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[54] **PROCEDE POUR FAVORISER LA SYNTHESE DE COLLAGENE ET DE PROTEOGLYCANE DANS DES CHONDROCYTES**
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[72] NAIKI, MITSURU, JP
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[72] BONANNO, TONY, US
[72] PIERONI, ROBERT, US
[73] DENTSPLY INTERNATIONAL INC., US
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[54] **PROCEDE DE LA REDUCTION DE LA QUANTITE D'ACRYLAMIDE PAR TRAITEMENT D'UN PRODUIT ALIMENTAIRE**
[72] BHASKAR, AJAY RAJESHWAR, US
[72] GRZEDA, AMANDA, US
[72] RAYMOND, JENNIFER BELL, US
[72] TOPOR, MICHAEL GRANT, US
[72] TREZZA, THOMAS ANTHONY, US
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[54] **CONTENANT D'EMBALLAGE ET DECOUPE UTILISABLE DANS LA PRODUCTION D'UN TEL CONTENANT D'EMBALLAGE**
[72] LEJON, HANNA, SE
[72] ANDERSSON, BENGT, SE
[72] JOHANSSON, MATS, SE
[73] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
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[72] MORREALE DE LEON, ANTONIO, ES
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[54] **DISPOSITIF A DEL ISOLE**
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[73] AIR MOTION SYSTEMS, INC., US
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[25] EN
[54] **PRINTED HEATING ELEMENT**
[54] **ELEMENT CHAUFFANT IMPRIME**
[72] HU, JIN, US
[72] SWEET, DAVID B., US
[73] GOODRICH CORPORATION, US
[86] (2813551)
[87] (2813551)
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[25] EN
[54] **IMPROVED BACKING LAYERS FOR FLOOR COVERINGS**
[54] **COUCHES DE SUPPORT AMELIOREES POUR REVETEMENTS DE SOL**
[72] WILSON, GARY, GB
[72] LAWRENCE, STEVEN, GB
[73] THE AMTICO COMPANY LIMITED, GB
[85] 2013-04-04
[86] 2011-10-05 (PCT/GB2011/051899)
[87] (WO2012/046051)
[30] GB (1016795.5) 2010-10-06
[30] US (61/504,951) 2011-07-06

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[13] C
[51] **Int.Cl. G01R 29/08 (2006.01)**
[25] FR
[54] **DEVICE FOR THE ELECTROMAGNETIC TESTING OF AN OBJECT**
[54] **DISPOSITIF DE TEST ELECTROMAGNETIQUE D'UN OBJET**
[72] GARREAU, PHILIPPE, FR
[72] DUCHESNE, LUC, FR
[72] LAPORTE, RAPHAEL, FR
[72] DURAND, LUDOVIC, FR
[73] SATIMO INDUSTRIES, FR
[85] 2013-04-05
[86] 2011-10-07 (PCT/EP2011/067590)
[87] (WO2012/045877)
[30] FR (10 58192) 2010-10-08

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[13] C
[51] **Int.Cl. A23C 11/04 (2006.01)**
[25] EN
[54] **WHITENER COMPOSITION**
[54] **COMPOSITION D'AGENT DE BLANCHIMENT**
[72] MORAN HERNANDEZ, NOELIA, CH
[72] ZELTNER, PETER, CH
[72] BERTOLI, CONSTANTIN, CH
[73] NESTEC S.A., CH
[85] 2013-04-17
[86] 2011-10-17 (PCT/EP2011/068105)
[87] (WO2012/052397)
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[51] **Int.Cl. A61K 31/728 (2006.01) A61K 9/12 (2006.01) A61K 33/38 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS WITH ANTIBACTERIAL AND WOUND HEALING ACTIVITY**
[54] **COMPOSITIONS AYANT UNE ACTIVITE ANTIBACTERIENNE ET DE CICATRISATION**
[72] GENNARI, GIOVANNI, IT
[72] MENON, GIAMPAOLO, IT
[72] PANFILO, SUSI, IT
[73] FIDIA FARMACEUTICI S.P.A., IT
[85] 2013-04-24
[86] 2011-11-04 (PCT/IB2011/054923)
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[25] EN
[54] **WATERLESS COMPOSITION COMPRISING PESTICIDE AND COPOLYMERS WITH SULFONIC ACID GROUPS**
[54] **COMPOSITION ANHYDRE COMPRENANT UN PESTICIDE ET DES COPOLYMERES PRESENTANT DES GROUPES ACIDE SULFONIQUE**
[72] MERTOGLU, MURAT, DE
[72] MAYER, WINFRIED, DE
[72] DIELEMAN, CEDRIC, FR
[73] BASF SE, DE
[85] 2013-05-06
[86] 2011-11-23 (PCT/EP2011/070760)
[87] (WO2012/069514)
[30] US (61/417237) 2010-11-25
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[13] C
[51] **Int.Cl. A61F 5/01 (2006.01)**
[25] EN
[54] **ANKLE FOOT ORTHOPAEDIC DEVICES**
[54] **DISPOSITIFS ORTHOPEDIQUES CHEVILLE-PIED**
[72] MORRIS, PHILIP GEORGE LITTLEAVON, GB
[73] C-PRO DIRECT LTD, GB
[85] 2013-05-06
[86] 2011-11-07 (PCT/GB2011/052157)
[87] (WO2012/063049)
[30] GB (1018749.0) 2010-11-08

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[25] EN
[54] **PROCESS FOR THE SELECTIVE REMOVAL OF MOLYBDENUM FROM A SOLUTION CONTAINING IT**
[54] **PROCEDE D'EXTRACTION SELECTIVE DE MOLYBDENE D'UNE SOLUTION CONTENANT DU MOLYBDENE**
[72] BARTOLINI, ANDREA, IT
[72] SENTIMENTI, EMILIO, IT
[73] ENI S.P.A, IT
[85] 2013-05-09
[86] 2011-11-25 (PCT/EP2011/071011)
[87] (WO2012/069625)
[30] IT (MI2010A002200) 2010-11-26

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[51] **Int.Cl. A61M 11/06 (2006.01) A61M 5/31 (2006.01) A61M 15/08 (2006.01)**
[25] EN
[54] **ATOMIZER FOR NASAL THERAPY**
[54] **ATOMISEUR POUR THERAPIE NASALE**
[72] DENTON, MARSHALL T., US
[72] CROLL, PERRY W., US
[72] CRISTENSEN, MARK A., US
[72] WOLFE, TIMOTHY R., US
[72] BROWN, J. MICHAEL, US
[73] WOLFE TORY MEDICAL, INC., US
[85] 2013-05-09
[86] 2011-11-11 (PCT/IB2011/002809)
[87] (WO2012/063124)
[30] US (61/456,780) 2010-11-12

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[13] C
[51] **Int.Cl. D21F 5/18 (2006.01) B65H 23/02 (2006.01) B65H 26/00 (2006.01) D21F 7/04 (2006.01)**
[25] EN
[54] **METHOD FOR DRYING A CELLULOSE PULP WEB AND A CELLULOSE PULP DRYER COMPRISING AN INSPECTION DEVICE FOR INSPECTING THE POSITION OF THE WEB OR THE OCCURRENCE OF WEB RESIDUE**
[54] **METHODE DE SECHAGE D'UNE BANDE DE PATE CELLULOSIQUE ET SECHOIR DE PATE CELLULOSIQUE COMPORTANT UN DISPOSITIF D'INSPECTION SERVANT A INSPECTER LA POSITION DE LA BANDE OU L'OCCURRENCE DE RESIDUS DE BANDE**
[72] KAMPRIS, ROLAND, SE
[72] OLSSON, CHRISTER, SE
[72] JONSSON, FRANK, SE
[72] KARLSSON, ARNE, SE
[73] ANDRITZ TECHNOLOGY AND ASSET MANAGEMENT GMBH, AT
[85] 2013-05-14
[86] 2011-11-25 (PCT/SE2011/051425)
[87] (WO2012/074462)
[30] SE (1051245-7) 2010-11-29

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[13] C
[51] **Int.Cl. A47J 31/44 (2006.01) A47J 43/07 (2006.01)**
[25] EN
[54] **APPARATUS AND SYSTEM FOR THE PREPARATION OF BEVERAGES, IN PARTICULAR MILK-BASED BEVERAGES, SUCH AS CAPPUCCINO, CHOCOLATE AND THE LIKE**
[54] **APPAREIL ET SYSTEME PERMETTANT LA PREPARATION DE BOISSONS, EN PARTICULIER DES BOISSONS A BASE DE LAIT, TELLES QUE LE CAPPUCCINO, DU CHOCOLAT ET ANALOGUE**
[72] GIUA, ALBERTO FEDERICO, IT
[72] ICARDI, DANILO (DECEASED), IT
[72] ICARDI, SERGIO, IT
[72] GIARETTO, MARIA TERESA, IT
[73] LUIGI LAVAZZA S.P.A., IT
[85] 2013-05-15
[86] 2011-11-22 (PCT/IB2011/055235)
[87] (WO2012/069991)
[30] IT (TO2010A000928) 2010-11-23

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[13] C
[51] **Int.Cl. A44B 18/00 (2006.01)**
[25] EN
[54] **TOUCH FASTENING PRODUCT FACE CONFIGURATION**
[54] **CONFIGURATION DE FACE DE PRODUIT DE FIXATION DE TOUCHE**
[72] CINA, MICHAEL, CA
[72] ZACH, DAVID NICHOLAUS, CA
[72] COWLEY, EARL LORNE, CA
[72] TODKILL, PATRICK D., CA
[72] JANZEN, DANIEL LEE, CA
[72] GIRARD, STEPHANE XAVIER, CA
[73] VELCRO BVBA, BE
[85] 2013-05-16
[86] 2011-11-15 (PCT/IB2011/002861)
[87] (WO2012/066418)
[30] US (61/414,576) 2010-11-17

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[13] C
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[25] EN
[54] **SANDWICHED FIBER COMPOSITES FOR BALLISTIC APPLICATIONS**
[54] **COMPOSITES DE FIBRES EN SANDWICH POUR APPLICATIONS BALISTIQUES**
[72] WILENSKI, MARK S., US
[72] KOZAR, MICHAEL P., US
[73] THE BOEING COMPANY, US
[85] 2013-05-16
[86] 2011-11-10 (PCT/US2011/060177)
[87] (WO2012/082272)
[30] US (12/969,532) 2010-12-15

[11] **2,818,729**
[13] C
[51] **Int.Cl. A47L 15/00 (2006.01) A47L 15/42 (2006.01)**
[25] EN
[54] **TABLE TOP DISHWASHER**
[54] **LAVE-VAISSELLE POSE SUR UN PLAN DE TRAVAIL**
[72] LUNDBERG, MATS, SE
[72] SALERNO, LUIGI, IT
[73] ELECTROLUX HOME PRODUCTS CORPORATION N.V., BE
[85] 2013-05-22
[86] 2011-09-21 (PCT/EP2011/066368)
[87] (WO2012/069227)
[30] EP (10015028.3) 2010-11-26

[11] **2,819,026**
[13] C
[51] **Int.Cl. F01D 5/32 (2006.01)**
[25] EN
[54] **BLADED DISK ASSEMBLY WITH RETAINING CLIP**
[54] **ENSEMBLE DE DISQUE A AUBAGE DOTE D'UNE BAGUE DE RETENUE**
[72] BASILETTI, MATTHEW PETER, US
[72] USKERT, RICHARD CHRISTOPHER, US
[72] TUCKER, MICHELLE LYNN, US
[73] ROLLS-ROYCE CORPORATION, US
[85] 2013-05-24
[86] 2011-11-23 (PCT/US2011/062087)
[87] (WO2012/078375)
[30] US (12/954,206) 2010-11-24

[11] **2,819,183**
[13] C
[51] **Int.Cl. C08L 77/02 (2006.01) C08K 3/34 (2006.01) C08L 77/06 (2006.01)**
[25] EN
[54] **LINER FOR GAS STORAGE TANK**
[54] **REVETEMENT INTERIEUR POUR RESERVOIR DE STOCKAGE DE GAZ**
[72] DULLAERT, KONRAAD, NL
[72] TOMIC, KATARINA, NL
[73] DSM IP ASSETS B.V., NL
[85] 2013-05-17
[86] 2011-12-09 (PCT/EP2011/072282)
[87] (WO2012/076677)
[30] EP (10194315.7) 2010-12-09

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[13] C
[51] **Int.Cl. B05B 11/00 (2006.01)**
[25] EN
[54] **A CONTAINER ASSEMBLY FOR USE WITH A DISPENSER**
[54] **ENSEMBLE RECIPIENT A UTILISER AVEC UN DISTRIBUTEUR**
[72] VAN DIEPEN, JACOBUS SIMON PETRUS, DE
[72] PIANTONI, STEVE, GB
[72] RICKETT, PETER, GB
[73] RECKITT BENCKISER VANISH B.V., NL
[85] 2013-06-04
[86] 2011-12-07 (PCT/GB2011/052416)
[87] (WO2012/076879)
[30] GB (1020777.7) 2010-12-08

[11] **2,820,127**
[13] C
[51] **Int.Cl. A61F 13/42 (2006.01)**
[25] EN
[54] **TOOL FOR ANALYSING LIQUID DISCHARGE DATA IN AN ABSORBENT ARTICLE, AN ABSORBENT ARTICLE ADAPTED FOR LIQUID DISCHARGE DATA COLLECTION AND A CONTROL UNIT INTERACTING WITH THE ABSORBENT ARTICLE FOR COLLECTING THE LIQUID DISCHARGE DATA**
[54] **OUTIL POUR ANALYSER DES DONNEES DE FUITE DE LIQUIDE DANS UN ARTICLE ABSORBANT, ARTICLE ABSORBANT CONCU POUR LA COLLECTE DE DONNEES DE FUITE DE LIQUIDE ET UNITE DE COMMANDE EN INTERACTION AVEC L'ARTICLE ABSORBANT PERMETTANT DE COLLECTER DES DONNEES DE FUITE DE LIQUIDE**
[72] ELFSTROM, ALLAN, US
[72] BOSAEUS, MATTIAS, SE
[73] SCA HYGIENE PRODUCTS AB, SE
[85] 2013-06-05
[86] 2011-12-20 (PCT/EP2011/073456)
[87] (WO2012/084987)
[30] GB (1022028.3) 2010-12-23

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[13] C
[51] **Int.Cl. C07D 237/14 (2006.01) A61K 31/50 (2006.01)**
[25] FR
[54] **DIARYLPYRIDAZINONE DERIVATIVES, PREPARATION THEREOF, AND USE THEREOF FOR THE TREATMENT OF HUMANS**
[54] **DERIVES DE DIARYLPYRIDAZINONES, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE HUMAINE**
[72] DUPONT-PASSELAIGUE, ELISABETH, FR
[72] LE ROY, ISABELLE, FR
[72] MIALHE, SAMUEL, FR
[72] PIGNIER, CHRISTOPHE, FR
[73] PIERRE FABRE MEDICAMENT, FR
[85] 2013-06-05
[86] 2011-12-20 (PCT/EP2011/073476)
[87] (WO2012/085001)
[30] FR (1061021) 2010-12-22

[11] **2,820,360**
[13] C
[51] **Int.Cl. A23D 7/00 (2006.01)**
[25] EN
[54] **EDIBLE WATER IN OIL EMULSION**
[54] **EMULSION D'EAU DANS L'HUILE COMESTIBLE**
[72] DE MAN, TEUNIS, NL
[73] UNILEVER BCS LIMITED, GB
[85] 2013-06-06
[86] 2011-11-24 (PCT/EP2011/070948)
[87] (WO2012/079957)
[30] EP (10195564.9) 2010-12-17

[11] **2,820,583**
[13] C
[51] **Int.Cl. C10M 161/00 (2006.01)**
[25] EN
[54] **LUBRICANT COMPOSITION CONTAINING VISCOSITY INDEX IMPROVER**
[54] **COMPOSITION LUBRIFIANTE CONTENANT UN AGENT AMELIORANT L'INDICE DE VISCOSITE**
[72] HUANG, CHOR, US
[72] PRICE, DAVID, GB
[72] KELLEY, JACK, US
[73] THE LUBRIZOL CORPORATION, US
[73] MITSUI CHEMICALS, INC., JP
[85] 2013-06-06
[86] 2011-12-06 (PCT/US2011/063425)
[87] (WO2012/078572)
[30] US (61/421,764) 2010-12-10

[11] **2,820,639**
[13] C
[51] **Int.Cl. A01N 59/26 (2006.01) A01N 31/16 (2006.01) A01N 65/00 (2009.01) A01P 3/00 (2006.01) A23B 7/154 (2006.01) A23B 7/157 (2006.01)**
[25] FR
[54] **NOVEL METHOD FOR THE PRE- OR POST-HARVEST TREATMENT OF PLANT PRODUCTS, USING PHOSPHONIC ACID AND AN ESSENTIAL OIL**
[54] **NOUVEAU PROCEDE DE TRAITEMENT DE PRODUITS VEGETAUX AVANT OU APRES RECOLTE PAR L'ACIDE PHOSPHONIQUE ET UNE HUILE ESSENTIELLE**
[72] SARDO, ALBERTO, FR
[73] XEDA INTERNATIONAL, FR
[85] 2013-05-22
[86] 2011-11-24 (PCT/EP2011/070912)
[87] (WO2012/069576)
[30] FR (1059693) 2010-11-24

[11] **2,821,563**
[13] C
[51] **Int.Cl. B61B 13/10 (2006.01)**
[25] EN
[54] **AN EVACUATED TUBE TRANSPORT SYSTEM**
[54] **SYSTEME DE TRANSPORT PAR TUBE SOUS VIDE**
[72] DALRYMPLE, DAVID, AU
[73] DALRYMPLE, DAVID, AU
[85] 2013-06-13
[86] 2011-12-13 (PCT/AU2011/001604)
[87] (WO2012/079114)
[30] AU (2010905504) 2010-12-16
[30] AU (2011901931) 2011-05-18

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[13] C
[51] **Int.Cl. C22C 21/12 (2006.01) B64C 1/00 (2006.01) C22C 21/16 (2006.01) C22C 21/18 (2006.01) C22F 1/057 (2006.01)**
[25] FR
[54] **ALUMINIUM-COPPER-LITHIUM ALLOY WITH IMPROVED COMPRESSIVE STRENGTH AND TOUGHNESS**
[54] **ALLIAGE ALUMINIUM CUIVRE LITHIUM A RESISTANCE EN COMPRESSION ET TENACITE AMELIOREES**
[72] DANIELOU, ARMELLE, FR
[72] POUGET, GAELLE, FR
[72] SIGLI, CHRISTOPHE, FR
[72] WARNER, TIMOTHY, FR
[73] CONSTELLIUM ISSOIRE, FR
[85] 2013-06-13
[86] 2011-12-16 (PCT/FR2011/000659)
[87] (WO2012/085359)
[30] FR (10/04962) 2010-12-20
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[13] C
[51] **Int.Cl. C07K 14/76 (2006.01) A61K 38/38 (2006.01) C07K 14/765 (2006.01) C12N 7/04 (2006.01)**
[25] EN
[54] **CAPRYLATE VIRAL DEACTIVATION**
[54] **DESACTIVATION VIRALE AU MOYEN DE CAPRYLATE**
[72] LEBING, WYTOLD, US
[72] BURNS, DOUG, US
[72] ROTH, NATHAN, US
[72] HOTTA, JOANN, US
[73] GRIFOLS, S.A., ES
[86] (2822229)
[87] (2822229)
[22] 2013-07-25
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[51] **Int.Cl. C08F 8/32 (2006.01) B01D 21/01 (2006.01) C01B 21/14 (2006.01) C01F 7/06 (2006.01) C08F 2/32 (2006.01) C08F 20/02 (2006.01) C08F 20/56 (2006.01)**
[25] EN
[54] **MICRODISPERSIONS OF HYDROXAMATED POLYMERS AND METHODS OF MAKING AND USING THEM**
[54] **MICRODISPERSIONS DE POLYMERES HYDROXAMATES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] LEWELLYN, MORRIS, US
[72] ROTHENBERG, ALAN S., US
[72] CHEN, HAUNN-LIN TONY, US
[72] MAGLIOCCO, LINO G., US
[72] SASSI, THOMAS P., US
[73] CYTEC TECHNOLOGY CORP., US
[85] 2013-06-19
[86] 2011-12-19 (PCT/US2011/065718)
[87] (WO2012/087862)
[30] US (61/425,555) 2010-12-21

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[51] **Int.Cl. B01J 21/10 (2006.01) B01J 21/06 (2006.01) C01F 5/02 (2006.01) C07C 11/09 (2006.01)**
[25] EN
[54] **ISOMERIZATION CATALYSTS**
[54] **CATALYSEURS D'ISOMERISATION**
[72] RUETINGER, WOLFGANG, US
[72] MOINI, AHMAD, US
[72] RAMACHANDRAN, BALA, US
[72] CHOI, SUKWON, US
[73] BASF CORPORATION, US
[85] 2013-06-20
[86] 2011-12-14 (PCT/US2011/064873)
[87] (WO2012/087704)
[30] US (12/974,176) 2010-12-21

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[13] C
[51] **Int.Cl. A61L 27/42 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **BONE SUBSTITUTE MATERIAL**
[54] **MATERIAU DE SUBSTITUT OSSEUX**
[72] BUFLER, MICHAEL ALEXANDER, CH
[73] GEISTLICH PHARMA AG, CH
[85] 2013-06-21
[86] 2011-12-21 (PCT/EP2011/006457)
[87] (WO2012/084214)
[30] EP (EP10015924) 2010-12-22

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[13] C
[51] **Int.Cl. B31D 1/02 (2006.01)**
[25] EN
[54] **LABEL PAPER WASTE REMOVING METHOD AND APPARATUS**
[54] **APPAREIL ET PROCEDE D'ELIMINATION DES RESIDUS DE PAPIER POUR ETIQUETTES**
[72] IZAWA, HIDEO, JP
[72] FUJIWARA, REISHI, JP
[73] MIYAKOSHI PRINTING MACHINERY CO., LTD., JP
[86] (2822949)
[87] (2822949)
[22] 2013-08-01
[30] JP (2012-174560) 2012-08-07

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[13] C
[51] **Int.Cl. E21B 33/129 (2006.01) E21B 33/12 (2006.01) E21B 47/10 (2012.01)**
[25] EN
[54] **TEST PACKER AND METHOD FOR USE**
[54] **GARNITURE D'ETANCHEITE D'ESSAI ET PROCEDE D'UTILISATION**
[72] FOUBISTER, GRAEME, GB
[72] SMITH, GRAEME K., GB
[72] THOMSON, ANDREW, GB
[72] DEVARAJAN, KANNAN, AE
[72] FUENMAYOR, ANDRES, AE
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2013-06-26
[86] 2012-01-06 (PCT/US2012/020533)
[87] (WO2012/094626)
[30] US (61/430,916) 2011-01-07
[30] US (61/533,071) 2011-09-09

[11] **2,823,940**
[13] C
[51] **Int.Cl. A01B 73/02 (2006.01)**
[25] EN
[54] **FOLDING IMPLEMENT FRAME WITH WEIGHT TRANSFER**
[54] **CADRE POUR ENGIN PLIANT AVEC TRANSFERT DE MASSE**
[72] MARO, RANDALL A., US
[72] BARFELS, AARON L., US
[73] DEERE & COMPANY, US
[86] (2823940)
[87] (2823940)
[22] 2013-08-14
[30] US (13/596,118) 2012-08-28

[11] **2,824,138**
[13] C
[51] **Int.Cl. A01D 15/04 (2006.01)**
[25] EN
[54] **A BAFFLE ORIENTATION DEVICE FOR AN INDUCTOR BOX OF AN AGRICULTURAL IMPLEMENT**
[54] **DISPOSITIF D'ORIENTATION DE DEFLECTEUR POUR BOITE D'INDUCTION D'UNE MACHINE AGRICOLE**
[72] JOHNSON, CHAD M., US
[72] CONNORS, MICHAEL J., US
[73] CNH INDUSTRIAL AMERICA LLC, US
[86] (2824138)
[87] (2824138)
[22] 2013-08-21
[30] US (13/737,795) 2013-01-09

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[54] **METHOD TO ENHANCE OPERATION OF CIRCULATING MASS REACTOR AND REACTOR TO CARRY OUT SUCH METHOD**
[54] **PROCEDE D'AMELIORATION DU FONCTIONNEMENT D'UN REACTEUR A MASSE CIRCULANTE ET REACTEUR PERMETTANT DE METTRE EN □UVRE UN TEL PROCEDE**
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[54] **VERROUILLAGE DE SYSTEME DE VENTILATION DE SECHEUSE DE BUANDERIE**
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[73] CUBE INVESTMENTS LIMITED, CA
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[54] **PISTONS DE FREIN ET NEZ DE PISTON**
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[72] BOTA, SANDOR, US
[73] CWD, LLC, US
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[54] **TAMPER-EVIDENT FASTENER**
[54] **ATTACHE INVIOLABLE**
[72] WEBER, FRANK DEAN, US
[72] POTAKOWSKYJ, CHRISTOPH, AT
[72] POLLHAMMER, JOHANNES, AT
[73] CAREFUSION 303, INC., US
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[25] EN
[54] **APPARATUS AND METHOD FOR CONDUCTING MICROBIOLOGICAL PROCESSES**
[54] **APPAREIL ET METHODE POUR REALISER DES PROCESSUS MICROBIOLOGIQUES**
[72] ERASMUS, JOHAN, ZA
[72] VAN HEERDEN, ESTARIETHE, ZA
[73] UNIVERSITY OF THE FREE STATE, ZA
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[54] **LOW NOX COMBUSTION PROCESS AND BURNER THEREFOR**
[54] **PROCEDE DE COMBUSTION A FAIBLE EMISSION D'OXYDE D'AZOTE ET BRULEUR CORRESPONDANT**
[72] RECOURT, PATRICK, FR
[72] TSIAVA, REMI, FR
[73] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[54] **3-AMINOPYRIDINES EN TANT QU'AGONISTES DE GPBAR1**
[72] BISSANTZ, CATERINA, FR
[72] DEHMLOW, HENRIETTA, DE
[72] ERICKSON, SHAWN DAVID, US
[72] KARNACHI, PRABHA SABA, US
[72] KIM, KYUNGJIN, US
[72] MARTIN, RAINER E., CH
[72] MATTEI, PATRIZIO, CH
[72] OBST SANDER, ULRIKE, CH
[72] PIETRANICO-COLE, SHERRIE LYNN, US
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[72] ULLMER, CHRISTOPH, DE
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[54] **APPARATUS FOR CURLED EXTRUDED FOOD PRODUCT**
[54] **APPAREIL POUR PRODUIT ALIMENTAIRE EXTRUDE ET ENROULE**
[72] GIMMLER, NORBERT, US
[72] SMITH, CHARLES A., US
[72] WILLOUGHBY, CHRIS, US
[73] KELLOGG COMPANY, US
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[54] **LASER WELDING ASSEMBLY AND METHOD**
[54] **ENSEMBLE ET PROCEDE DE SOUDAGE AU LASER**
[72] DEVERS, TERRY, CA
[72] HILL, JOHN E., US
[72] MISTRY, HARISH, US
[73] MAGNA INTERNATIONAL INC., CA
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[54] **A NOVEL PROCESS FOR PREPARATION OF POLYSACCHARIDES**
[54] **NOUVEAU PROCEDE DE PREPARATION DE POLYSACCHARIDES**
[72] KAPRE, SUBHASH VINAYAK, IN
[72] JANA, SWAPAN KUMAR, IN
[72] JOGLEKAR, TUSHAR DNYANESHWAR, IN
[73] SERUM INSTITUTE OF INDIA PRIVATE LIMITED, IN
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[54] **PROCEDE DE PREPARATION D'UN DERIVE SULFATE DE 3,5-DIIODO-O-[3-IODOPHENYL]-L-TYROSINE**
[72] ANELLI, PIER LUCIO, IT
[72] ARGESE, MARIA, IT
[72] BOI, VALERIA, IT
[72] CAVALIERI, LIVIO, IT
[72] GALIMBERTI, LAURA, IT
[72] GAZZETTO, SONIA, IT
[72] LATTUADA, LUCIANO, IT
[72] MAISANO, FEDERICO, IT
[72] RIVOLTA, GIOVANNI, IT
[72] VELLA, FULVIA, IT
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[54] **LAYERED THIN FILM FOR DRUG DELIVERY INTO THE EYE**
[54] **PELLICULE MINCE MULTICOUCHE POUR ADMINISTRATION DE MEDICAMENT DANS L'OEIL**
[72] TAKEOKA, SHINJI, JP
[72] KASHIWAGI, KENJI, JP
[72] FUJIE, TOSHINORI, JP
[72] SAITO, AKIHIRO, JP
[72] HANIUDA, HIROKI, JP
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[73] TORAY INDUSTRIES, INC., JP
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[54] **A FIXTURE, A FIXTURE SET AND A METHOD**
[54] **FIXATION**
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[72] HANSSON, STIG, SE
[72] HOLMSTROM, JOHAN, SE
[73] DENTSPLY IH AB, SE
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[54] **SYSTEM AND METHODS TO REMOTELY AND ASYNCHRONOUSLY INTERACT WITH REHABILITATION VIDEO-GAMES**
[54] **SYSTEME ET PROCEDES POUR INTERAGIR A DISTANCE ET DE FACON ASYNCHRONE AVEC DES JEUX VIDEO DE REEDUCATION**
[72] TACCONI, DAVID, IT
[73] COREHAB S.R.L., IT
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[54] **SEED METERING DEVICE DRIVE SYSTEM**
[54] **SYSTEME D'ENTRAINEMENT DE DISPOSITIF DE DOSAGE DE GRAINES**
[72] HAUSE, KEVIN M., US
[73] ACTUANT CORPORATION, US
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[54] **LOW TEMPERATURE CURE USING BENZOPINACOL POLYMERIZATION INITIATOR**
[54] **POLYMERISATION A BASSE TEMPERATURE FAISANT APPEL A UN INITIATEUR DE POLYMERISATION A BASE DE BENZOPINACOL**
[72] MURRAY, THOMAS JAMES, US
[72] VINES, DAVID L., US
[73] ELANTAS PDG, INC., US
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[54] **EMBALLAGE ALIMENTAIRE**
[72] HAAMER, JOEL, SE
[72] GUSTAVSSON, MARTIN, AD
[73] MICVAC AB, SE
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[54] **GENERATION OF BUILDING INSTRUCTIONS FOR CONSTRUCTION ELEMENT MODELS**
[54] **GENERATION D'INSTRUCTIONS DE CONSTRUCTION POUR MODELES D'ELEMENTS DE CONSTRUCTION**
[72] MUTHYALA, SIDDHARTH, DK
[72] VAN BEEK, HARM JAN, NL
[72] GUYON, NICOLAS DAVID ALAIN, FR
[72] LASORNE, FRANTZ, FR
[72] JENSEN, MIKKEL HOLM, DK
[73] LEGO A/S, DK
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[54] **CONSTRUCTION DE BARRIERE AMELIOREE**
[72] COLQUHOUN, TERRY, AU
[72] WALLACE, HAYDEN, AU
[72] DIEHL, ANDREW KARL, NZ
[72] ALLINGTON, CHRISTOPHER JAMES, NZ
[72] WILLIAMSON, CHRIS, NZ
[72] WHITESIDE, MARK, NZ
[72] HARE, HENRY JOHN, NZ
[72] VON TOOR, WOUTER, NZ
[72] AYRES, RYAN, NZ
[72] RAFFERTY, JOHN, AU
[73] INDUSTRIAL GALVANIZERS CORPORATION PTY LTD, AU
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[54] **COUVERCLE INVIOLABLE NON AMOVIBLE**
[72] ROSENQUIST, TOBIAS, SE
[73] CARMEL PHARMA AB, SE
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[54] **SYSTEME DE SEMIS DE STYLE A INDIVIDUALISATION**
[72] KOWALCHUK, TREVOR L., CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2838715)
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[54] **CEMENTITIOUS COMPOSITION AND ADMIXTURE**
[54] **COMPOSITION ET MELANGE CIMENTAIRE**
[72] SHENDY, SAMY M., US
[72] CONSTANTINER, DANIEL, US
[73] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
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[54] **THERMALLY UNFIXED FLAT STRUCTURE FOR A SPIRAL LINK FABRIC, AND METHOD FOR PRODUCING A SPIRAL LINK FABRIC**
[54] **STRUCTURE PLANE THERMIQUEMENT NON FIXEE POUR UNE TOILE EN SPIRALE ET PROCEDE DE FABRICATION D'UNE TOILE EN SPIRALE**
[72] MAIER, OLIVER, DE
[73] WURTTEMBERGISCHE SPIRALSIEBFABRIK GMBH, DE
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[54] **SYSTEME ET PROCEDE PERMETTANT DE MESURER OU DE PRODUIRE UN CHAMP ELECTRIQUE EN FOND DE TROU**
[72] HIBBS, ANDREW DENNIS, US
[72] GLEZER, ELI, US
[73] GROUNDMETRICS, INC., US
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[54] **MODULAR PANEL FOR THERMAL ENERGY TRANSFER**
[54] **PANNEAU MODULAIRE POUR LE TRANSFERT D'ENERGIE THERMIQUE**
[72] TARRAGA SANCHEZ, ENRIQUE, ES
[72] JORDAN FERNANDEZ, LUIS, ES
[72] CORTINAS MUNOZ, JAUME, ES
[73] TARRAGA SANCHEZ, ENRIQUE, ES
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[25] FR
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[54] **ROUE FIXE DE TURBOMACHINE ET TURBINE OU COMPRESSEUR COMPORTANT UNE TELLE ROUE FIXE.**
[72] BELMONTE, OLIVIER, FR
[72] BEAUJARD, ANTOINE JEAN-PHILIPPE, FR
[73] SNECMA, FR
[73] HERAKLES, FR
[85] 2014-01-16
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[54] **PIPE-IN-PIPE APPARATUS, AND METHODS AND SYSTEMS**
[54] **APPAREIL CONDUITE A DOUBLE ENVELOPPE, PROCEDES ET SYSTEMES ASSOCIES**
[72] CRITSINELIS, ANTONIO C. F., US
[72] MEBARKIA, SID A., US
[72] QUINNEY, MICHAEL, US
[72] RUIZ, MIGUEL, US
[73] CHEVRON U.S.A. INC., US
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[25] EN
[54] **AN APPARATUS AND METHOD FOR CARRYING OUT IN A CONTROLLED ATMOSPHERE MATERIAL FATIGUE TESTS IN A HIGH CYCLE REGIME WITH A CONTROLLED STRAIN RATIO**
[54] **APPAREIL ET PROCEDE POUR REALISER, DANS UNE ATMOSPHERE CONTROLEE, DES TESTS DE FATIGUE DE MATERIAU DANS UN REGIME DE CYCLE ELEVE AVEC UN RAPPORT DE TENSION CONTROLE**
[72] BRUCHHAUSEN, MATTHIAS, NL
[72] HAHNER, PETER, NL
[72] FISCHER, BURKHARD, NL
[72] CORNU, DANIEL, FR
[72] HUREL, CHRISTOPHE, FR
[72] LECORNU, JEAN-PIERRE, FR
[73] SNECMA, FR
[73] THE EUROPEAN UNION, REPRESENTED BY THE EUROPEAN COMMISSION, BE
[85] 2014-01-17
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[25] EN
[54] **USE OF HYPERBRANCHED POLYLYSINE AS SHALE INHIBITOR**
[54] **UTILISATION DE POLYLYSINE HYPER-RAMIFIEE EN TANT QU'INHIBITEUR DE GONFLEMENT DES ARGILES SCHISTEUSES**
[72] LAFUENTE CERDA, OSCAR, DE
[72] BRUCHMANN, BERND, DE
[72] MAITRO-VOGEL, SOPHIE, DE
[72] REINOSO GARCIA, MARTA, DE
[73] BASF SE, DE
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[54] **DISPLAY SYSTEM FOR CRANE**
[54] **SYSTEME D'AFFICHAGE DESTINE A UNE GRUE**
[72] MIYOSHI, MASATO, JP
[73] TADANO LTD., JP
[86] (2844217)
[87] (2844217)
[22] 2014-02-27
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[51] **Int.Cl. B01D 19/00 (2006.01) E21B 43/36 (2006.01)**
[25] EN
[54] **SPHERICAL SEPARATION DEVICE AND METHOD FOR SEPARATION**
[54] **DISPOSITIF DE SEPARATION SPHERIQUE ET PROCEDE DE SEPARATION**
[72] LARNHOLM, PER-REIDAR, NO
[72] LAMMERS, FREDERIK ALBERT, NL
[73] SULZER CHEMTECH AG, CH
[85] 2014-03-12
[86] 2012-08-13 (PCT/NL2012/050562)
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[54] **REDUCING SULFUR GAS EMISSIONS RESULTING FROM THE BURNING OF CARBONACEOUS FUELS**
[54] **REDUCTION DES EMISSIONS DE GAZ SULFUREUX ISSUS DE LA COMBUSTION DE COMBUSTIBLES CARBONES**
[72] COMRIE, DOUGLAS C., US
[72] VELLELLA, VINCENT A., US
[73] NOX II, LTD., US
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[54] **HISTORICAL BROWSING SESSION MANAGEMENT**
[54] **GESTION DE SESSION DE NAVIGATION HISTORIQUE**
[72] TAYLOR, BRETT R., US
[72] HAMILTON, JAMES R., US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2014-03-13
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[25] EN
[54] **CONTAINER WITH POUR SPOUT**
[54] **RECIPIENT A BEC VERSEUR**
[72] PAREDES, RAUL M., US
[72] SPEAKER, STEPHEN A., US
[72] COHEN, ANTHONY S., US
[73] OWENS-BROCKWAY GLASS CONTAINER INC., US
[85] 2014-03-28
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[87] (WO2013/062671)
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[54] **ENHANCED 1-D METHOD FOR PREDICTION OF MUD WEIGHT WINDOW FOR SUBSALT WELL SECTIONS**
[54] **PROCEDE UNIDIMENSIONNEL AMELIORE DE PREDICTION DE LA FENETRE DE DENSITE DE BOUE POUR DES SECTIONS DE PUITS INFRASALIFERE**
[72] SHEN, XINPU, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2014-03-28
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[54] **SYNTHETIC SWEET SPOTS IN TIGHT FORMATIONS BY INJECTION OF NANO ENCAPSULATED REACTANTS**
[54] **POINTS IDEAUX SYNTHETIQUES DANS DES FORMATIONS COMPACTES PAR INJECTION DE REACTIFS NANO-ENCAPSULES**
[72] AL-MULHEM, ABDULRAHMAN ABDULAZIZ, SA
[72] ABASS, HAZIM HUSSEIN, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2014-05-12
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[72] HEIBERG, HELLE, DK
[73] HEIBERG, HELLE, DK
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[54] **DECANTER**
[54] **DECANTEUR**
[72] HOFKEN, MARCUS, DE
[73] INVENT UMWELT- UND VERFAHRENSTECHNIK AG, DE
[85] 2014-05-27
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[25] EN
[54] **METHOD AND APPARATUS FOR MONITORING THE WING ANTI-ICING VALVE**
[54] **PROCEDE ET DISPOSITIF POUR SURVEILLER LA VANNE D'ANTIGIVRAGE DE VOILURE**
[72] ZHENG, FENGLIANG, CN
[72] GU, ZHUPING, CN
[72] WU, JIAJU, CN
[72] HUANG, LEI, CN
[72] ZHU, YI, CN
[72] TANG, MINJIE, CN
[72] SHU, YI, CN
[73] AIR CHINA LIMITED, CN
[86] (2857745)
[87] (2857745)
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[54] **CUTTER HEAD ASSEMBLY FOR A KNIFE PLANER**
[54] **DISPOSITIF DE TETE DE COUPE POUR UN APLANISSEUR A LAME**
[72] BRICHER, RICHARD, US
[73] KIMWOOD CORPORATION, US
[86] (2859222)
[87] (2859222)
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[54] **MODIFIED PARTICULATE WEIGHTING AGENTS AND METHODS OF USING THE SAME**
[54] **AGENTS ALOURDISSANTS PARTICULAIRES MODIFIES ET LEURS PROCEDES D'UTILISATION**
[72] RINCON-TORRES, MARCO TULIO, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-06-16
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[54] **SYSTEMS AND METHODS FOR COMMUNICATION NOTIFICATION AND HANDLING**
[54] **SYSTEMES ET PROCEDES POUR NOTIFICATION ET TRAITEMENT DE COMMUNICATIONS**
[72] GUO, ZHIYU, US
[72] FIGHEL, GUY, US
[73] VONAGE BUSINESS INC., US
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[25] EN
[54] **DEVICE FOR A VALVE**
[54] **DISPOSITIF POUR UNE SOUPAPE**
[72] HODNEFJELL, LARS GUNNAR, NO
[72] EIDE, HELGE SVERRE, NO
[73] BLUE LOGIC AS, NO
[85] 2014-07-04
[86] 2012-02-08 (PCT/NO2012/050018)
[87] (WO2012/108776)
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[51] **Int.Cl. G01V 3/38 (2006.01) E21B 49/08 (2006.01) G01V 11/00 (2006.01)**
[25] EN
[54] **METHODS, COMPUTER READABLE MEDIUM, AND APPARATUS FOR DETERMINING WELL CHARACTERISTICS AND PORE ARCHITECTURE UTILIZING CONVENTIONAL WELL LOGS**
[54] **PROCEDES, SUPPORT LISIBLE PAR ORDINATEUR ET APPAREIL POUR DETERMINER DES CARACTERISTIQUES DE PUITS ET UNE ARCHITECTURE DE PORE A L'AIDE DE DIAGRAPHIES CLASSIQUES**
[72] BUITING, JOHANNES JACOBUS, SA
[72] LESEUR, NICOLAS, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2014-04-17
[86] 2012-10-19 (PCT/US2012/061013)
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[54] **WIPER PLUG ELEMENTS AND METHODS OF STIMULATING A WELLBORE ENVIRONMENT**
[54] **ELEMENTS DE BOUCHONS D'ESSUIE-TIGES ET PROCEDES DE STIMULATION D'UN ENVIRONNEMENT DE PUITS DE FORAGE**
[72] KELLNER, JUSTIN C., US
[72] MADERO, PAUL, US
[72] JOHNSON, CHARLES C., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2014-07-08
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[54] **AIRCRAFT LANDING GEAR**
[54] **TRAIN D'ATTERRISSAGE D'AVION**
[72] LACY, STUART, GB
[72] CUMNER, GEOFF, GB
[72] MICHAELIDES, PETER, GB
[73] MESSIER-DOWTY LIMITED, GB
[85] 2014-09-08
[86] 2013-03-21 (PCT/GB2013/050739)
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[30] GB (1205489.6) 2012-03-28

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[25] EN
[54] **CHEMICAL OXYGEN GENERATOR WITH CHEMICAL CORES ARRANGED IN PARALLEL**
[54] **GENERATEUR D'OXYGENE CHIMIQUE COMPRENANT DES NOYAUX CHIMIQUES AGENCES EN PARALLELE**
[72] MAROSKE, GERALD, DE
[72] ERNST, RAINER, DE
[72] ZHANG, YUNCHANG, US
[72] KSHIRSAGAR, GIRISH S., US
[73] B/E AEROSPACE, INC., US
[85] 2014-09-30
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[25] EN
[54] **METHOD AND DEVICE FOR INCREASING BONE DENSITY IN THE MOUTH**
[54] **PROCEDE ET DISPOSITIF POUR AUGMENTER LA DENSITE OSSEUSE DANS LA BOUCHE**
[72] WAY, BRYCE A., US
[72] PHAN, CHRISTOPHER U., US
[72] GELMAN KEILES, DANA LEIGH, US
[72] JOHNSON, RICHARD, US
[72] ABATELLI, PHILLIP, US
[72] MIRZAAGHAEIAN, AMIN HADI, US
[73] ADVANCED ORTHODONTICS AND EDUCATION ASSOCIATION, LLC, US
[85] 2014-10-08
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[51] **Int.Cl. B23K 9/095 (2006.01) B23K 9/10 (2006.01)**
[25] EN
[54] **WELDING DEVICE FOR REMOTELY CONTROLLING WELDING POWER SUPPLY SETTINGS**
[54] **DISPOSITIF DE SOUDAGE POUR COMMANDER A DISTANCE DES REGLAGES D'ALIMENTATION DE SOUDAGE**
[72] DANTINNE, MARKUS MICHAEL, US
[72] BEISTLE, EDWARD GERARD, US
[72] ROTH, MICHAEL W., US
[72] SALSICH, ANTHONY VANBERGEN, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-10-15
[86] 2013-06-03 (PCT/US2013/043929)
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[30] US (61/656,154) 2012-06-06
[30] US (13/799,676) 2013-03-13

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[51] **Int.Cl. H04W 74/04 (2009.01) H04W 52/02 (2009.01)**
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[54] **METHOD AND APPARATUS FOR ACCESSING CHANNEL IN WLAN SYSTEM**
[54] **PROCEDE ET APPAREIL D'ACCES AU CANAL DANS UN SYSTEME WLAN**
[72] SEOK, YONGHO, KR
[73] LG ELECTRONICS INC., KR
[85] 2014-10-23
[86] 2013-04-29 (PCT/KR2013/003659)
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[54] **COMPOSITE STATOR FOR ELECTROMECHANICAL POWER CONVERSION**
[54] **STATOR COMPOSITE POUR UNE CONVERSION DE PUISSANCE ELECTROMECANIQUE**
[72] WEDMAN, LEONARD N., US
[72] FRANK, EVAN E., US
[72] HARRIS, DONALD A., US
[73] THINGAP, LLC, US
[85] 2014-11-07
[86] 2013-05-08 (PCT/US2013/040203)
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[30] US (61/644,976) 2012-05-09
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[54] **OIL SMELTER CABLE**
[54] **CABLE DE FONDERIE UTILISE POUR L'EXTRACTION DE PETROLE**
[72] BARBERA, SIMON, VE
[73] GENERAL CABLE TECHNOLOGIES CORPORATION, US
[85] 2014-11-17
[86] 2013-05-10 (PCT/US2013/040550)
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[51] **Int.Cl. F16B 13/10 (2006.01) E21D 20/02 (2006.01) E21D 21/00 (2006.01) F16B 13/14 (2006.01)**
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[54] **ANCHOR AND METHOD OF USING THE SAME**
[54] **DISPOSITIF D'ANCRAGE ET PROCEDE D'UTILISATION DE CELUI-CI**
[72] BENNETT, DARREN BRUCE, CA
[73] BENNETT, DARREN BRUCE, CA
[85] 2015-01-14
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[54] **AUTOMATIC INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION AUTOMATIQUE**
[72] HOGDAHL, STEFAN, SE
[73] CAREBAY EUROPE LTD, MT
[85] 2015-02-17
[86] 2013-08-07 (PCT/EP2013/066542)
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[30] SE (1250934-5) 2012-08-20
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[51] **Int.Cl. B01D 27/02 (2006.01) B01D 53/04 (2006.01) B01D 53/26 (2006.01)**
[25] EN
[54] **CANISTER FOR CONTAINING AN ACTIVE MATERIAL**
[54] **RECIPIENT DESTINE A CONTENIR UNE SUBSTANCE ACTIVE**
[72] LEBON, JACQUY, FR
[72] LOGEL, VALERE, FR
[73] CLARIANT HEALTHCARE PACKAGING (FRANCE) S.A.S., FR
[85] 2015-03-09
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[25] EN
[54] **LIQUID VACCINES FOR MULTIPLE MENINGOCOCCAL SEROGROUPS**
[54] **VACCINS LIQUIDES CONTRE DE MULTIPLES SEROGROUPES MENINGOCOCCIQUES**
[72] CONTORNI, MARIO, IT
[73] NOVARTIS VACCINES AND DIAGNOSTICS S.R.L., IT
[86] (2885040)
[87] (2885040)
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[54] **BRA CUP**
[54] **BONNET DE SOUTIEN-GORGE**
[72] TURLAN, MANON, FR
[73] HANES OPERATIONS EUROPE SAS, FR
[85] 2015-03-17
[86] 2013-11-13 (PCT/FR2013/052723)
[87] (WO2014/076414)
[30] FR (12/60944) 2012-11-19

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[13] C
[51] **Int.Cl. B65D 33/38 (2006.01)**
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[54] **APPARATUS FOR ORAL DELIVERY OF FLUIDS AND SEMI-SOLID FOODS**
[54] **APPAREIL DESTINE A UNE ADMINISTRATION ORALE DE LIQUIDES ET D'ALIMENTS SEMI-SOLIDES**
[72] BROCK, BRIAN PAUL, US
[72] SPIVEY, CORY JAMES, US
[72] CONGER, DEE L., US
[72] OATES, ROBERT BRADLEY, II, US
[73] PERFORMANCE PACKAGING OF NEVADA, LLC, US
[85] 2015-03-24
[86] 2013-10-02 (PCT/US2013/063135)
[87] (WO2014/055696)
[30] US (61/709,053) 2012-10-02
[30] US (61/802,141) 2013-03-15
[30] US (61/814,163) 2013-04-19

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[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/18 (2012.01)**
[25] EN
[54] **COMMUNICATION USING A SPACER FLUID**
[54] **COMMUNICATION A L'AIDE D'UN FLUIDE D'ESPACEMENT**
[72] JAMISON, DALE E., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-23
[86] 2013-10-28 (PCT/US2013/067040)
[87] (WO2014/070648)
[30] US (13/664,520) 2012-10-31

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[51] **Int.Cl. B60K 11/08 (2006.01)**
[25] EN
[54] **SPRING-OPERATED BACK-UP/FAIL-SAFE MODULE FOR ACTIVE GRILLE SHUTTER SYSTEMS**
[54] **MODULE DE SECOURS/A SECURITE INTEGREE COMMANDE PAR RESSORT POUR DES SYSTEMES DE VOLET DE GRILLE ACTIVE**
[72] MANHIRE, JEFFREY B., US
[72] POVINELLI, ANTHONY J., US
[72] MATTHEWS, MARTIN R., US
[73] MAGNA INTERNATIONAL INC., CA
[85] 2015-03-24
[86] 2013-10-03 (PCT/IB2013/003048)
[87] (WO2014/083430)
[30] US (13/644,235) 2012-10-03

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[13] C
[51] **Int.Cl. E21B 43/10 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR HANDLING A TUBULAR**
[54] **PROCEDE ET APPAREIL POUR MANIPULER UNE TUBULURE**
[72] PRATT, BRITTAN S., US
[72] HEIDECKE, KARSTEN, US
[72] MCINTIRE, SCOTT, US
[72] SINNOTT, AARON, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2015-03-25
[86] 2013-10-02 (PCT/US2013/063131)
[87] (WO2014/055693)
[30] US (61/709,118) 2012-10-02
[30] US (61/717,567) 2012-10-23
[30] US (14/043,723) 2013-10-01

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[13] C
[51] **Int.Cl. G01V 1/28 (2006.01) G01V 1/30 (2006.01) G01V 1/40 (2006.01)**
[25] EN
[54] **MANAGING MICROSEISMIC DATA FOR FRACTURE MATCHING**
[54] **GESTION DE DONNEES MICROSISMIQUES POUR L'APPARIEMENT DE FRACTURES**
[72] LIN, AVI, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-24
[86] 2013-08-29 (PCT/US2013/057377)
[87] (WO2014/055184)
[30] US (61/710,582) 2012-10-05
[30] US (13/896,406) 2013-05-17

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[51] **Int.Cl. G01V 1/28 (2006.01) G01V 1/30 (2006.01) G01V 1/40 (2006.01)**
[25] EN
[54] **IDENTIFYING ORIENTATION CLUSTERS FROM MICROSEISMIC DATA**
[54] **IDENTIFICATION D'ENSEMBLES D'ORIENTATIONS A PARTIR DE DONNEES MICROSISMIQUES**
[72] LIN, AVI, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-24
[86] 2013-08-29 (PCT/US2013/057394)
[87] (WO2014/055185)
[30] US (61/710,582) 2012-10-05
[30] US (13/861,986) 2013-04-12

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[13] C
[51] **Int.Cl. C09D 5/44 (2006.01) C08G 59/14 (2006.01) C08G 59/30 (2006.01) C08G 59/32 (2006.01) C09D 163/00 (2006.01) C09D 181/04 (2006.01) C25D 5/44 (2006.01) C25D 5/50 (2006.01) C25D 13/04 (2006.01) C25D 13/22 (2006.01)**
[25] EN
[54] **COATING/SEALANT SYSTEMS, AQUEOUS RESINOUS DISPERSIONS, METHODS FOR MAKING AQUEOUS RESINOUS DISPERSIONS, AND METHODS OF ELECTROCOATING**
[54] **SYSTEMES DE REVETEMENT/D'ETANCHEITE, DISPERSIONS RESINEUSES AQUEUSES, PROCEDES DE REALISATION DE DISPERSIONS RESINEUSES AQUEUSES ET PROCEDES D'ELECTRODEPOSITION**
[72] ANDERSON, LAWRENCE G., US
[72] FURAR, ELIZABETH A., US
[72] LINGENFELTER, THOR G., US
[72] MAYO, MICHAEL A., US
[72] PEFFER, ROBIN M., US
[72] VALKO, JOSEPH THEODORE, US
[73] PRC-DESOTO INTERNATIONAL, INC., US
[85] 2015-04-13
[86] 2013-08-09 (PCT/US2013/054262)
[87] (WO2014/058523)
[30] US (13/649,144) 2012-10-11

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[13] C
[51] **Int.Cl. C22C 38/12 (2006.01) C21D 8/10 (2006.01) C21D 9/08 (2006.01) C22C 38/32 (2006.01)**
[25] EN
[54] **LOW ALLOY STEEL FOR OIL COUNTRY TUBULAR GOODS HAVING EXCELLENT SULFIDE STRESS CRACKING RESISTANCE AND MANUFACTURING METHOD THEREFOR**
[54] **ACIER FAIBLEMENT ALLIE POUR TUBES DE PUITS DE PETROLE QUI A UNE EXCELLENTE RESISTANCE A LA CORROSION FISSURANTE PROVOQUEE PAR L'HYDROGENE SULFURE, ET METHODE DE FABRICATION D'ACIER FAIBLEMENT ALLIE POUR TUBES DE PUITS DE PETROLE**
[72] OMURA, TOMOHIKO, JP
[72] ARAI, YUJI, JP
[72] KAWANO, KAORI, JP
[72] SAKAMOTO, AKIHIRO, JP
[72] OKAMURA, KAZUO, JP
[72] YAMAMOTO, KENJI, JP
[72] KONDO, KEIICHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-04-13
[86] 2012-11-05 (PCT/JP2012/078657)
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[51] **Int.Cl. F04D 7/04 (2006.01) F04D 15/00 (2006.01) F04D 29/42 (2006.01) F16K 17/16 (2006.01)**
[25] EN
[54] **PUMP WITH PRESSURE RELIEF SYSTEM**
[54] **POMPE AYANT UN SYSTEME DE DECOMPRESSION**
[72] PADDOCK, DOUGLAS, US
[72] PLAYFORD, MARK A., US
[73] ITT MANUFACTURING ENTERPRISES LLC, US
[85] 2015-05-04
[86] 2013-12-03 (PCT/US2013/072739)
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[30] US (61/732,554) 2012-12-03

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[51] **Int.Cl. G02B 1/10 (2015.01) G02B 1/04 (2006.01) G02B 3/00 (2006.01) G02B 5/30 (2006.01)**
[25] EN
[54] **TINTED POLARIZED LENSES HAVING SELECTIVE FREQUENCY FILTERING**
[54] **VERRES POLARISANTS TEINTES A FILTRAGE SELECTIF DE FREQUENCE**
[72] CARLSON, ERIC, US
[72] MACGUFFIE, SCOTT, US
[73] SMITH OPTICS, INC., US
[86] (2890882)
[87] (2890882)
[22] 2015-05-08
[30] US (14/455,494) 2014-08-08

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[25] EN
[54] **LIGHT BULB, INTELLIGENT LIGHTING DEVICE AND METHOD AND SYSTEM FOR USE IN CONFIGURING SAME**
[54] **AMPOULE, DISPOSITIF D'ECLAIRAGE INTELLIGENT ET METHODE ET SYSTEME SERVANT A LA CONFIGURATION ASSOCIEE**
[72] BROCHU, CHRISTIAN, CA
[72] LAFLAMME, BENOIT, CA
[73] GECKO ALLIANCE GROUP INC., CA
[86] (2892464)
[87] (2892464)
[22] 2015-05-20
[30] US (14/286,788) 2014-05-23
[30] CA (2,852,445) 2014-05-23

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[25] EN
[54] **CONDITIONED MEDIUM FOR PLURIPOTENT STEM CELL CULTURE**
[54] **MILIEU CONDITIONNE POUR LA CULTURE DE CELLULES SOUCHES PLURIPOTENTES**
[72] PELLEGRINO-GENSEY, J. LEE, US
[72] FRYER, BENJAMIN, US
[73] LIFESCAN, INC., US
[86] (2893679)
[87] (2893679)
[22] 2007-06-26
[62] 2,656,175
[30] US (60/805,770) 2006-06-26

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[51] **Int.Cl. E04F 13/22 (2006.01) E04B 1/41 (2006.01)**
[25] EN
[54] **THERMALLY-ISOLATED ANCHORING SYSTEMS WITH SPLIT TAIL VENEER TIE FOR CAVITY WALLS**
[54] **MECANISMES D'ANCRAGE THERMO-ISOLES DOTES D'UNE FIXATION DE CONTREPLAQUE A QUEUE FENDUE DESTINES AUX MURS CREUX**
[72] HOHMANN, RONALD P., JR., US
[73] MITEK HOLDINGS, INC., US
[86] (2895626)
[87] (2895626)
[22] 2015-06-25
[30] US (14/449,803) 2014-08-01

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[25] EN
[54] **CRYSTAL FORM OF COMPOUND USED AS MINERALOCORTICOID RECEPTOR ANTAGONIST AND PREPARATION METHOD THEREFOR**
[54] **FORME CRISTALLINE D'UN COMPOSE UTILISE COMME ANTAGONISTE DES RECEPTEURS DES MINERALOCORTICOIDES ET SON PROCEDE DE PREPARATION**
[72] JIANG, CHEN, CN
[72] WANG, AICHEN, CN
[72] ZHANG, DEDONG, CN
[73] KBP BIOSCIENCES CO., LTD., CN
[85] 2015-06-19
[86] 2013-12-23 (PCT/CN2013/090252)
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[25] EN
[54] **MEDIA DISTRIBUTION AND MANAGEMENT PLATFORM**
[54] **PLATE-FORME DE DISTRIBUTION ET DE GESTION DE MEDIAS**
[72] MARSHALL, JOSH, US
[72] GROGONO, JEN, US
[73] USTUDIO, INC., US
[85] 2015-06-22
[86] 2013-12-20 (PCT/US2013/076769)
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[30] US (13/725,454) 2012-12-21

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[51] **Int.Cl. G08B 21/18 (2006.01) G06Q 10/10 (2012.01) G08G 1/017 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING SENSOR-BASED LOCATION PROXIMITY DETECTION AND NOTIFICATION**
[54] **SYSTEMES ET METHODES DE DETECTION DE PROXIMITE D'EMPLACEMENT FONDEE SUR UN CAPTEUR ET NOTIFICATION ASSOCIEE**
[72] DEL VECCHIO, ORIN, CA
[72] VAN HEERDEN, LAUREN, US
[72] NADARAJAH, GUNALAN, CA
[72] BARNETT, JONATHAN K., CA
[72] METWALLI, ASHRAF, CA
[72] DANIELAK, JAKUB, CA
[72] LOUGHRY, MICHAEL, CA
[72] SIEGEL, DANIEL M., CA
[72] SAWTSCHUK, NIKOLAS, CA
[72] MEHRABI, SULTAN, CA
[72] CHAN, PAUL MON-WAH, CA
[72] HAMILTON, MATTHEW, CA
[72] MORETTI, CHRISTIANNE, CA
[72] BARBON, JOHN, CA
[73] THE TORONTO-DOMINION BANK, CA
[86] (2896404)
[87] (2896404)
[22] 2015-07-08
[30] US (62/022,119) 2014-07-08

[11] **2,897,468**
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[25] EN
[54] **BATTERY MONITORING DEVICE, POWER STORAGE SYSTEM, AND CONTROL SYSTEM**
[54] **DISPOSITIF DE SURVEILLANCE DE BATTERIE, SYSTEME DE STOCKAGE D'ENERGIE ET SYSTEME DE COMMANDE**
[72] OKADA, YURUKI, JP
[72] SHIRAGA, SHO, JP
[72] WADA, TOSHIHIRO, JP
[72] YOSHIOKA, SHOJI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2015-07-07
[86] 2013-01-30 (PCT/JP2013/052044)
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[51] **Int.Cl. E21B 43/25 (2006.01) C09K 8/58 (2006.01)**
[25] EN
[54] **METHOD AND COMPOSITIONS COMPRISING PARTICLES FOR USE IN OIL AND/OR GAS WELLS**
[54] **METHODES ET COMPOSITIONS RENFERMANT DES PARTICULES DESTINEES AUX PUITS DE PETROLE OU DE GAZ**
[72] HILL, RANDAL M., US
[72] GERMACK, DAVID, US
[72] SOEUNG, MELINDA, US
[72] HOLCOMB, DAVID L., US
[73] FLOTEK CHEMISTRY, LLC, US
[86] (2897548)
[87] (2897548)
[22] 2015-07-17
[30] US (62/026,574) 2014-07-18
[30] US (62/068,159) 2014-10-24

[11] **2,897,611**
[13] C
[51] **Int.Cl. E21B 19/22 (2006.01)**
[25] EN
[54] **A WELL INTERVENTION CABLE BENDING RESTRICTION FOR A RIGID RESILIENT ROD-SHAPED INTERVENTION CABLE**
[54] **ELEMENT DE RESTRICTION DE FLEXION DE CABLE D'INTERVENTION DE PUITS POUR UN CABLE D'INTERVENTION RIGIDE ET ELASTIQUE EN FORME DE TIGE**
[72] BJORNENAK, MADS, NO
[73] C6 TECHNOLOGIES AS, NO
[85] 2015-07-08
[86] 2013-01-09 (PCT/NO2013/050005)
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[51] **Int.Cl. F02C 9/00 (2006.01) B64D 31/00 (2006.01) F02C 7/32 (2006.01)**
[25] EN
[54] **OPERATION OF AIRCRAFT ENGINES DURING TRANSIENT CONDITIONS**
[54] **FONCTIONNEMENT DE MOTEURS D'AERONEF EN CONDITIONS TRANSITOIRES**
[72] THOMASSIN, JEAN, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2898985)
[87] (2898985)
[22] 2015-08-04
[30] US (14/471,130) 2014-08-28

[11] **2,900,993**
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[51] **Int.Cl. A47J 27/00 (2006.01) A47J 36/00 (2006.01)**
[25] EN
[54] **CONTAINER WITH HEATING FEATURES**
[54] **RECIPIENT POURVU D'ELEMENTS DE CHAUFFAGE**
[72] NETZER, PHILIP E., US
[72] LAFFERTY, TERRENCE P., US
[73] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
[85] 2015-08-11
[86] 2014-03-14 (PCT/US2014/027503)
[87] (WO2014/152587)
[30] US (61/852,077) 2013-03-15

[11] **2,903,410**
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[51] **Int.Cl. C22B 1/00 (2006.01) C22B 26/00 (2006.01)**
[25] EN
[54] **METHODS TO RECOVER CESIUM OR RUBIDIUM FROM SECONDARY ORE**
[54] **PROCEDES POUR RECUPERER DU CESIUM OU DU RUBIDIUM A PARTIR DE MINERAI SECONDAIRE**
[72] BAKKE, BART F., US
[72] DEVEAU, CLAUDE, CA
[73] CABOT CORPORATION, US
[85] 2015-09-01
[86] 2014-02-28 (PCT/US2014/019295)
[87] (WO2014/137785)
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[25] EN
[54] **THICK WALL SHOULDERED LAUNCHER**
[54] **SUPPORT DE LANCEMENT A EPAULEMENT A PAROI EPAISSE**
[72] SANTELER, DARREN RICHARD, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2015-09-04
[86] 2014-03-13 (PCT/US2014/025448)
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[30] US (61/790,157) 2013-03-15
[30] US (14/201,587) 2014-03-07

[11] **2,904,550**
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[51] **Int.Cl. A62C 3/02 (2006.01)**
[25] EN
[54] **FIRE FIGHTING APPARATUS AND METHOD**
[54] **APPAREIL DE LUTTE CONTRE L'INCENDIE ET METHODE**
[72] KILBURN, ROBERT SHANE, US
[73] KILBURN, ROBERT SHANE, US
[86] (2904550)
[87] (2904550)
[22] 2015-09-16
[30] US (14/675,725) 2015-03-31

[11] **2,904,690**
[13] C
[51] **Int.Cl. E21B 36/04 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **HYDROCARBON RESOURCE HEATING APPARATUS INCLUDING RF CONTACTS AND ANCHORING DEVICE AND RELATED METHODS**
[54] **APPAREIL DE CHAUFFAGE D'HYDROCARBURES COMPORTANT DES CONTACTS RF ET UN DISPOSITIF D'ANCRAGE, ET METHODES ASSOCIEES**
[72] WRIGHT, BRIAN N., US
[72] HANN, MURRAY T., US
[72] HEWIT, RAYMOND C., US
[72] LINKEWICH, ZACHARY LINC ALEXANDER, CA
[72] WATT, ALAN, CA
[73] HARRIS CORPORATION, US
[86] (2904690)
[87] (2904690)
[22] 2015-09-16
[30] US (14/491,530) 2014-09-19

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[54] **REDUNDANT BUS FAULT DETECTION**
[54] **DETECTION DE DEFAUT DE BUS REDONDANT**
[72] KEATING, MICHAEL J., US
[72] SCHERMANN, HARALD, DE
[72] STRELECKI, PAUL RICHARD, US
[72] BARONCINI, VINCENT, US
[72] TORRES, PABLO, US
[73] SIEMENS SCHWEIZ AG, CH
[85] 2015-09-11
[86] 2014-03-14 (PCT/US2014/027917)
[87] (WO2014/143798)
[30] US (13/833,021) 2013-03-15

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[25] EN
[54] **BIOLOGICAL FLUID SAMPLING TRANSFER DEVICE AND BIOLOGICAL FLUID SEPARATION AND TESTING SYSTEM**
[54] **DISPOSITIF DE TRANSFERT D'ECHANTILLON DE FLUIDE BIOLOGIQUE ET SYSTEME DE SEPARATION ET D'ANALYSE DE FLUIDE BIOLOGIQUE**
[72] FLETCHER, GARY D., US
[72] GELFAND, CRAIG A., US
[72] MARCHIARULLO, DANIEL J., US
[72] ROTHENBERG, ASHLEY RACHEL, US
[72] WILKINSON, BRADLEY M., US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2015-10-08
[86] 2014-04-14 (PCT/US2014/033929)
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[51] **Int.Cl. E02D 33/00 (2006.01) E02D 29/00 (2006.01) E99Z 99/00 (2006.01)**
[25] EN
[54] **HEAT SOURCE-FREE FIBER POSITIONING AND ORIENTING SYSTEM FOR SEEPAGE OF SUBMERGED OR PARTIALLY-SUBMERGED STRUCTURES AND MONITORING METHOD THEREOF**
[54] **SYSTEME D'ORIENTATION ET DE POSITIONNEMENT DE FIBRE SANS SOURCE DE CHALEUR POUR INFILTRATION DE STRUCTURES SUBMERGEES OU PARTIELLEMENT SUBMERGEES ET PROCEDE DE SURVEILLANCE DE CELUI-CI**
[72] SU, HUAIZHI, CN
[72] YANG, MENG, CN
[72] LI, HAO, CN
[72] LI, XING, CN
[72] FU, ZHAOQING, CN
[73] HOHAI UNIVERSITY, CN
[85] 2015-10-21
[86] 2014-12-30 (PCT/CN2014/095610)
[87] (2909644)
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[25] EN
[54] **CLEANING CART**
[54] **CHARIOT ROULANT DE NETTOYAGE**
[72] EISENHUT, ANDREAS, DE
[72] ZIMMERMANN, CHRISTOPH, DE
[72] MEIER, BRUNO, CH
[72] THOMA, CHRISTIAN, DE
[73] CARL FREUDENBERG KG, DE
[85] 2015-10-19
[86] 2014-04-11 (PCT/EP2014/000970)
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[51] **Int.Cl. C01B 3/38 (2006.01) B01J 19/24 (2006.01) C01B 13/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PRODUCING A SYNTHESIS GAS USING AN OXYGEN TRANSPORT MEMBRANE BASED REFORMING SYSTEM WITH SECONDARY REFORMING**
[54] **PROCEDE ET SYSTEME POUR PRODUIRE UN GAZ DE SYNTHESE AU MOYEN D'UN SYSTEME DE REFORMAGE A BASE DE MEMBRANE DE TRANSPORT D'OXYGENE, A REFORMAGE SECONDAIRE**
[72] CHAKRAVARTI, SHRIKAR, US
[72] DRNEVICH, RAYMOND FRANCIS, US
[72] SHAH, MINISH M., US
[72] STUCKERT, INES C., US
[73] PRAXAIR TECHNOLOGY, INC., US
[85] 2015-10-20
[86] 2014-04-07 (PCT/US2014/033162)
[87] (WO2014/176021)
[30] US (61/816,326) 2013-04-26
[30] US (14/078,897) 2013-11-13

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[13] C
[51] **Int.Cl. G06F 3/12 (2006.01) B41J 29/38 (2006.01) H04N 1/00 (2006.01)**
[25] EN
[54] **INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING METHOD AND NON-TRANSITORY COMPUTER READABLE INFORMATION RECORDING MEDIUM**
[54] **SYSTEME DE TRAITEMENT D'INFORMATIONS, PROCEDE DE TRAITEMENT D'INFORMATIONS ET SUPPORT D'ENREGISTREMENT D'INFORMATIONS NON TRANSITOIRES LISIBLES PAR ORDINATEUR**
[72] NISHIDA, TAKAYORI, JP
[73] RICOH COMPANY, LTD., JP
[85] 2015-10-23
[86] 2014-04-23 (PCT/JP2014/062118)
[87] (WO2014/181759)
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[25] FR
[54] **INTERFACE FOR COMMUNICATION BETWEEN AN ITEM OF EQUIPMENT AND A FLUID METERING SYSTEM**
[54] **INTERFACE DE COMMUNICATION ENTRE UN EQUIPEMENT ET UN SYSTEME DE COMPTAGE DE FLUIDE**
[72] DHERBECOURT, YVES, FR
[73] ELECTRICITE DE FRANCE, FR
[85] 2015-10-23
[86] 2014-04-29 (PCT/FR2014/051027)
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[25] EN
[54] **INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING METHOD AND NON-TRANSITORY COMPUTER READABLE INFORMATION RECORDING MEDIUM**
[54] **SYSTEME DE TRAITEMENT D'INFORMATIONS, PROCEDE DE TRAITEMENT D'INFORMATIONS ET SUPPORT D'ENREGISTREMENT D'INFORMATIONS NON TRANSITOIRE LISIBLE PAR ORDINATEUR**
[72] NISHIDA, TAKAYORI, JP
[73] RICOH COMPANY, LTD., JP
[85] 2015-10-30
[86] 2014-05-01 (PCT/JP2014/062539)
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[25] EN
[54] **DOCK LEVELER SAFETY SUPPORTS**
[54] **SUPPORTS DE SECURITE POUR NIVELEUR DE QUAI**
[72] STONE, BRADLEY J., US
[72] HOLM, DAVE, US
[72] KIKSTRA, LEONARD, US
[72] SVEUM, MATTHEW, US
[72] HAHN, NORBERT, US
[73] RITE-HITE HOLDING CORPORATION, US
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[51] **Int.Cl. A46B 9/02 (2006.01) A46B 9/04 (2006.01) A46B 9/06 (2006.01)**
[25] EN
[54] **HEAD FOR AN ORAL CARE IMPLEMENT**
[54] **TETE DE MISE EN OEUVRE DE SOIN BUCCAL**
[72] JUNGNICKEL, UWE, DE
[72] SCHMID, FRANZISKA, DE
[72] BALLMAIER, KATHI, DE
[72] WASOW, SOREN, DE
[72] HEIL, BENEDIKT, DE
[73] THE GILLETTE COMPANY LLC, US
[85] 2015-11-30
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[30] EP (13170761.4) 2013-06-06

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[25] EN
[54] **INTERLEUKIN-13 BINDING PROTEINS**
[54] **PROTEINES DE LIAISON INTERLEUKINE 13**
[72] WU, CHENGBIN, US
[72] DIXON, RICHARD W., US
[72] BELK, JONATHAN P., US
[72] YING, HUA, US
[72] ARGIRIADI, MARIA A., US
[72] CUFF, CAROLYN A., US
[72] HINTON, PAUL R., US
[72] KUMAR, SHANKAR, US
[72] MELIM, TERRY L., US
[72] CHEN, YAN, US
[73] ABBVIE BAHAMAS LTD., BS
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[87] (2914170)
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[62] 2,662,701
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[51] **Int.Cl. H02J 3/32 (2006.01) H02M 7/49 (2007.01) H02J 3/18 (2006.01)**
[25] EN
[54] **A CONVERTER ARRANGEMENT FOR POWER COMPENSATION AND A METHOD FOR CONTROLLING A POWER CONVERTER**
[54] **AGENCEMENT DE CONVERTISSEUR POUR UNE COMPENSATION DE PUISSANCE ET PROCEDE POUR COMMANDER UN CONVERTISSEUR DE PUISSANCE**
[72] DIJKHUIZEN, FRANS, SE
[72] NAMI, ALIREZA, SE
[72] ZELAYA DE LA PARRA, HECTOR, SE
[72] TOWNSEND, CHRISTOPHER, SE
[73] ABB SCHWEIZ AG, CH
[85] 2015-12-07
[86] 2013-06-07 (PCT/EP2013/061843)
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[13] C
[51] **Int.Cl. H01G 4/38 (2006.01) H01G 2/04 (2006.01)**
[25] EN
[54] **CAPACITOR DEVICE**
[54] **DISPOSITIF CONDENSATEUR**
[72] AGRELI, HENRIQUE, BR
[72] CHRISTMANN, JEAN MARC, DE
[72] HARTMANN, WERNER, DE
[72] YAMAZAKI, SERGIO, BR
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-12-18
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[87] (WO2014/202446)
[30] DE (10 2013 211 699.3) 2013-06-20

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[51] **Int.Cl. A01K 47/06 (2006.01)**
[25] EN
[54] **DEVICE FOR COMBATING THE VARROA MITE IN A BEE BROOD**
[54] **DISPOSITIF DE LUTTE CONTRE LA MITE VARROA SUR UN COUVAIN D'ABEILLES**
[72] BRUNNER, WILLI, CH
[73] VATOREX AG, CH
[86] (2916599)
[87] (2916599)
[22] 2016-01-04
[30] EP (15150609.4) 2015-01-09

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[13] C
[51] **Int.Cl. G01N 1/28 (2006.01) G01N 23/223 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR PRODUCING A PELLET**
[54] **PROCEDE ET DISPOSITIF DE PRODUCTION D'UN COMPRIME**
[72] BORNEFELD, MARC, DE
[72] TEUTENBERG, REINHARD, DE
[72] SCHNEBERGER, JUERGEN, DE
[73] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
[85] 2015-12-23
[86] 2014-06-27 (PCT/EP2014/001766)
[87] (WO2015/000571)
[30] DE (10 2013 106 998.3) 2013-07-03

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[13] C
[51] **Int.Cl. H04N 21/434 (2011.01) H04N 21/2381 (2011.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING/RECEIVING MEDIA BROADCASTING SIGNAL IN REAL TIME TRANSPORT PROTOCOL-BASED BROADCASTING SYSTEM**
[54] **PROCEDE ET APPAREIL POUR EMETTRE/RECEVOIR UN SIGNAL DE DIFFUSION MULTIMEDIA DANS UN SYSTEME DE DIFFUSION A PROTOCOLE DE TRANSPORT EN TEMPS REEL**
[72] PARK, JUNGWOOK, KR
[72] MOON, KYOUNGSOO, KR
[72] KWON, WOOSUK, KR
[72] OH, SEJIN, KR
[73] LG ELECTRONICS INC., KR
[85] 2016-01-04
[86] 2014-07-04 (PCT/KR2014/006011)
[87] (WO2015/002500)
[30] US (61/843,053) 2013-07-05

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[51] **Int.Cl. A61M 15/08 (2006.01) A61L 31/04 (2006.01) A61L 31/14 (2006.01) A61M 15/00 (2006.01)**
[25] EN
[54] **NASAL DELIVERY DEVICE FOR DELIVERING SUBSTANCE TO A NASAL CAVITY OF A SUBJECT**
[54] **DISPOSITIF D'ADMINISTRATION NASALE SERVANT A ADMINISTRER UNE SUBSTANCE DANS UNE CAVITE NASALE D'UN SUJET**
[72] DJUPESLAND, PER GISLE, NO
[72] SHELDRAKE, COLIN DAVID, GB
[72] HAFNER, RODERICK PETER, GB
[73] OPTINOSE AS, NO
[86] (2918226)
[87] (2918226)
[22] 2006-02-23
[62] 2,598,953
[30] GB (0503738.7) 2005-02-23

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[51] **Int.Cl. A47L 19/00 (2006.01) A47L 19/04 (2006.01)**
[25] EN
[54] **COMBINATION DISH DRYING MAT AND RACK**
[54] **COMBINAISON DE TAPIS ET DE SECHOIR DE VAISSELLE**
[72] GREEN, DAVID, CA
[73] UMBRA LLC, US
[86] (2918960)
[87] (2918960)
[22] 2016-01-25
[30] US (14/978,506) 2015-12-22

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[13] C
[51] **Int.Cl. A47B 57/40 (2006.01) A47B 31/00 (2006.01) A47B 96/14 (2006.01)**
[25] EN
[54] **A SYSTEM FOR THE MOUNTING OF SHELVES**
[54] **SYSTEME POUR LE MONTAGE D'ETAGERES**
[72] MOGENSEN, ERLING KRISTEN, DK
[72] ANDERSEN, SOREN BOGEDE, DK
[72] THOMSEN, STEEN JUUL, DK
[73] LCC 2015 APS, DK
[85] 2016-02-19
[86] 2014-08-20 (PCT/DK2014/050246)
[87] (WO2015/024571)
[30] DK (PA201370455) 2013-08-21

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[51] **Int.Cl. E04B 1/343 (2006.01) E04H 1/12 (2006.01) E04H 9/10 (2006.01) E04H 15/52 (2006.01)**
[25] EN
[54] **MODULAR DEPLOYABLE SHELTER FOR CAMPS**
[54] **REFUGE PLIABLE POUR CAMPEMENTS**
[72] SAEZ BLAYA, PEDRO, ES
[73] URBANA DE EXTERIORES, S.L., ES
[85] 2016-02-18
[86] 2013-09-16 (PCT/ES2013/070637)
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[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 20/40 (2012.01) H04L 9/30 (2006.01) H04L 12/66 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONVERSION BETWEEN INTERNET AND NON-INTERNET BASED TRANSACTIONS**
[54] **SYSTEME ET METHODE POUR UNE CONVERSION ENTRE DES TRANSACTIONS BASEES SUR INTERNET ET DES TRANSACTIONS NON BASEES SUR INTERNET**
[72] BALSASUBRAMANIAN, CHANDRA, US
[72] SHERWIN, FRANCIS, US
[72] KERESMAN, MICHAEL, US
[73] CARDINAL COMMERCE CORPORATION, US
[86] (2922293)
[87] (2922293)
[22] 2006-01-27
[62] 2,596,257
[30] US (60/647883) 2005-01-28

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[51] **Int.Cl. C09K 8/80 (2006.01) C09K 8/56 (2006.01)**
[25] EN
[54] **COMPOSITES FOR USE IN STIMULATION AND SAND CONTROL OPERATIONS**
[54] **COMPOSITES DESTINES A ETRE UTILISES DANS DES OPERATIONS DE STIMULATION ET DE CONTROLE DE SABLE**
[72] MONROE, TERRY D., US
[72] BEALL, BRIAN B., US
[72] BESTAOUI-SPURR, NAIMA, US
[72] BHADURI, SUMIT, US
[72] LANT, KIMBERLY, US
[72] LE, HOANG, US
[72] QU, QI, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-02-26
[86] 2014-09-19 (PCT/US2014/056686)
[87] (WO2015/042486)
[30] US (61/880,758) 2013-09-20
[30] US (61/880,841) 2013-09-20
[30] US (61/981,051) 2014-04-17
[30] US (61/989,267) 2014-05-06

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[13] C
[51] **Int.Cl. G05D 7/06 (2006.01) E21B 34/06 (2006.01) E21B 34/12 (2006.01) E21B 43/12 (2006.01) F16K 31/02 (2006.01)**
[25] EN
[54] **ELECTRICALLY ACTUATED DOWNHOLE FLOW CONTROL APPARATUS**
[54] **APPAREIL DE REGULATION DU DEBIT EN FOND DE TROU ACTIONNE ELECTRIQUEMENT**
[72] RAVENSBERGEN, JOHN, CA
[72] GETZLAF, DON, CA
[72] GILLIS, BROCK, CA
[73] NCS MULTISTAGE INC., CA
[86] (2923662)
[87] (2923662)
[22] 2016-03-14
[30] US (62/132,241) 2015-03-12

[11] **2,924,127**
[13] C
[51] **Int.Cl. E21B 43/16 (2006.01) C09K 8/584 (2006.01) C09K 8/594 (2006.01) E21B 43/20 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **VOLATILE SURFACTANT TREATMENT FOR USE IN SUBTERRANEAN FORMATION OPERATIONS**
[54] **TRAITEMENT PAR TENSIOACTIF VOLATIL UTILISABLE DANS DES OPERATIONS AYANT TRAIT A DES FORMATIONS SOUTERRAINES**
[72] GAMAGE, PUBUDU H., US
[72] MCDANIEL, CATO RUSSELL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-03-11
[86] 2014-02-18 (PCT/US2014/016837)
[87] (WO2015/060891)
[30] US (PCT/US2013/066398) 2013-10-23

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[13] C
[51] **Int.Cl. H04W 24/10 (2009.01) H04W 72/14 (2009.01)**
[25] EN
[54] **TRANSMISSION OF FEEDBACK INFORMATION IN MULTI-CARRIERS SYSTEMS AND DETERMINATION OF UP-LINK ACK/NACK RESOURCES FROM DOWN-LINK CCE OF THE DOWN-LINK GRANT**
[54] **TRANSMISSION D'INFORMATIONS DE RETROACTION POUR TRANSMISSIONS DE DONNEES SUR DE MULTIPLES PORTEUSES**
[72] DAMNJANOVIC, JELENA M., US
[72] MONTOJO, JUAN, US
[72] ZHANG, XIAOXIA, US
[73] QUALCOMM INCORPORATED, US
[86] (2924283)
[87] (2924283)
[22] 2010-05-04
[62] 2,759,649
[30] US (61/175,382) 2009-05-04
[30] US (12/772,944) 2010-05-03

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[13] C
[51] **Int.Cl. A61M 5/315 (2006.01)**
[25] EN
[54] **POSITIVE DISPLACEMENT STOPPER FOR A PRE-FILLED SYRINGE**
[54] **BOUCHON A DEPLACEMENT POSITIF POUR SERINGUE PREREMPLIE**
[72] SCHILLER, ERIC, US
[72] QUINN, MICHAEL, US
[72] TORRES, JOHANNA, US
[72] GUAN, E., US
[72] JU, GANG, US
[72] ECONOMOU, ANTHONY, US
[73] BECTON, DICKINSON AND COMPANY, US
[86] (2924634)
[87] (2924634)
[22] 2008-06-04
[62] 2,830,554
[30] US (60/941,851) 2007-06-04
[30] US (60/950,741) 2007-07-19

[11] **2,924,641**
[13] C
[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/12 (2006.01) C09K 8/52 (2006.01)**
[25] EN
[54] **COPOLYMER SURFACTANTS FOR USE IN DOWNHOLE FLUIDS**
[54] **TENSIOACTIFS COPOLYMERES POUR UTILISATION DANS DES FLUIDES DE FOND DE PUITS**
[72] STONE, SHANTEL J., US
[72] COLLINS, RYAN PATRICK, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-03-17
[86] 2013-11-08 (PCT/US2013/069152)
[87] (WO2015/069273)

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[13] C
[51] **Int.Cl. H04L 12/951 (2013.01) H04L 29/08 (2006.01)**
[25] EN
[54] **APPARATUS FOR TRANSMITTING SIGNALING INFORMATION, APPARATUS FOR RECEIVING SIGNALING INFORMATION, METHOD FOR TRANSMITTING SIGNALING INFORMATION AND METHOD FOR RECEIVING SIGNALING INFORMATION**
[54] **APPAREIL POUR TRANSMETTRE DES INFORMATION DE SIGNALISATION, APPAREIL POUR RECEVOIR DES INFORMATIONS DE SIGNALISATION, PROCEDE POUR TRANSMETTRE DES INFORMATION DE SIGNALISATION, ETPROCEDE POUR RECEVOIR DES INFORMATIONS DE SIGNALISATION**
[72] KWON, WOOSUK, KR
[72] OH, SEJIN, KR
[72] KO, WOOSUK, KR
[72] HONG, SUNGRYONG, KR
[72] MOON, KYOUNGSOO, KR
[73] LG ELECTRONICS INC., KR
[85] 2016-03-21
[86] 2014-09-22 (PCT/KR2014/008776)
[87] (WO2015/046836)
[30] US (61/883,160) 2013-09-26

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[13] C
[51] **Int.Cl. F02K 1/52 (2006.01) B64D 33/04 (2006.01) F01D 9/04 (2006.01) F02K 1/78 (2006.01)**
[25] EN
[54] **HYBRID NOZZLE SEGMENT ASSEMBLIES FOR A GAS TURBINE ENGINE**
[54] **ASSEMBLAGES DE SEGMENT DE BUSE HYBRIDE POUR UNE TURBINE A GAZ**
[72] WEAVER, MATTHEW MARK, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2925246)
[87] (2925246)
[22] 2016-03-29
[30] US (14/672,380) 2015-03-30

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[13] C
[51] **Int.Cl. B65D 85/34 (2006.01)**
[25] EN
[54] **CONTAINER APPARATUS WITH VENTILATION**
[54] **APPAREIL CONTENEUR EQUIPE DE VENTILATION**
[72] CLARK, JEANNE, US
[72] ASTORGA, RICARDO, US
[73] MASTRONARDI PRODUCE LTD., CA
[85] 2016-03-21
[86] 2015-06-19 (PCT/US2015/036645)
[87] (WO2015/196048)
[30] US (62/014,112) 2014-06-19

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[13] C
[51] **Int.Cl. E21B 17/00 (2006.01) E21B 34/06 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **MULTI-STAGE FRACTURING WITH SMART FRACK SLEEVES WHILE LEAVING A FULL FLOW BORE**
[54] **FRACTURATION EN PLUSIEURS ETAPES AVEC DES MANCHONS DE FRACTURATION INTELLIGENTS TOUT EN LAISSANT UN ORIFICE A PLEIN DEBIT**
[72] HULSEWE, EWOUD J., US
[72] WOOD, EDWARD T., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-04-19
[86] 2014-10-22 (PCT/US2014/061778)
[87] (WO2015/061456)
[30] US (14/063,171) 2013-10-25

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[13] C
[51] **Int.Cl. F21V 13/04 (2006.01) F21K 9/23 (2016.01) F21V 5/04 (2006.01) F21V 7/06 (2006.01)**
[25] EN
[54] **PARABOLIC LED LAMP**
[54] **LAMPE A DEL PARABOLIQUE**
[72] CAO, MAOJUN, CN
[72] CHEN, HUI, CN
[72] FANG, HU, CN
[73] NINGBO YAMAO OPTOELECTRONICS CO., LTD., CN
[85] 2016-04-28
[86] 2016-04-07 (PCT/CN2016/078673)
[87] (2928345)
[30] CN (201620270723.8) 2016-03-31
[30] CN (201610203483.4) 2016-03-31

[11] **2,930,650**
[13] C
[51] **Int.Cl. B65D 33/01 (2006.01) B65D 30/08 (2006.01)**
[25] EN
[54] **FLEXIBLE LAMINATE STRUCTURE WITH INTEGRATED ONE-WAY VALVE**
[54] **STRUCTURE LAMELLEE SOUPLE DOTEE D'UNE VANNE UNIDIRECTIONNELLE INTEGREE**
[72] PETTIS, ROD, US
[72] PUECHL, BOB, US
[73] SONOCO DEVELOPMENT, INC., US
[86] (2930650)
[87] (2930650)
[22] 2016-05-19
[30] US (14/717661) 2015-05-20

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[13] C
[51] **Int.Cl. A61M 25/00 (2006.01) A61M 5/158 (2006.01) A61M 5/32 (2006.01) A61M 25/06 (2006.01)**
[25] EN
[54] **BLOOD COLLECTION DEVICE WITH DOUBLE PIVOT SHIELDS**
[54] **DISPOSITIF DE COLLECTE DE SANG A ECRANS A DOUBLE PIVOT**
[72] WILKINSON, BRADLEY M., US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2016-05-26
[86] 2014-09-25 (PCT/US2014/057345)
[87] (WO2015/084474)
[30] US (14/095,383) 2013-12-03

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[13] C
[51] **Int.Cl. B32B 15/04 (2006.01) B32B 15/18 (2006.01) B32B 15/20 (2006.01) B32B 37/02 (2006.01)**
[25] EN
[54] **DEGRADABLE METAL COMPOSITES, METHODS OF MANUFACTURE, AND USES THEREOF**
[54] **COMPOSITES METALLIQUES DEGRADABLES, PROCEDES DE FABRICATION ET LEURS UTILISATIONS**
[72] ZHANG, ZHIHUI, US
[72] XU, ZHIYUE, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-05-26
[86] 2014-12-08 (PCT/US2014/069080)
[87] (WO2015/105604)
[30] US (14/151,081) 2014-01-09

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[13] C
[51] **Int.Cl. A61L 24/08 (2006.01) A61L 15/44 (2006.01) A61L 26/00 (2006.01) A61L 27/54 (2006.01)**
[25] EN
[54] **BIODEGRADABLE MEDICAL ADHESIVE OR SEALANT COMPOSITION**
[54] **COMPOSITION D'ETANCHEITE OU ADHESIVE MEDICALE BIODEGRADABLE**
[72] LEE, EUNHYE, KR
[72] MAENG, JIN HEE, KR
[72] KIM, KEUN SU, KR
[72] LEE, DON HAENG, KR
[72] PARK, YOUNG HWAN, KR
[73] UTAH-INHA DDS & ADVANCED THERAPEUTICS RESEARCH CENTER, KR
[85] 2016-06-09
[86] 2014-12-12 (PCT/KR2014/012265)
[87] (WO2015/088275)
[30] KR (10-2013-0155722) 2013-12-13
[30] KR (10-2014-0089173) 2014-07-15

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[13] C
[51] **Int.Cl. F02C 3/13 (2006.01) F02C 3/107 (2006.01) F02K 3/02 (2006.01)**
[25] EN
[54] **ADVANCED DISTRIBUTED ENGINE ARCHITECTURE-DESIGN ALTERNATIVE**
[54] **MODELE ALTERNATIF D'ARCHITECTURE DE MOTEUR DISTRIBUE EVOLUE**
[72] PERLAK, JEFFERY, US
[72] STAUBACH, JOSEPH B., US
[72] SUCIU, GABRIEL L., US
[72] HILL, JAMES D., US
[72] SCHWARZ, FREDERICK M., US
[73] UNITED TECHNOLOGIES CORPORATION, US
[86] (2933364)
[87] (2933364)
[22] 2016-06-16
[30] US (14/789,036) 2015-07-01

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[13] C
[51] **Int.Cl. C07D 251/60 (2006.01) C07C 273/12 (2006.01)**
[25] EN
[54] **INTEGRATED PRODUCTION OF UREA AND MELAMINE**
[54] **PRODUCTION INTEGREE D'UREE ET DE MELAMINE**
[72] MENNEN, JOHANNES HENRICUS, NL
[73] STAMICARBON B.V., NL
[85] 2016-06-10
[86] 2014-12-16 (PCT/NL2014/050863)
[87] (WO2015/093942)
[30] EP (13197863.7) 2013-12-17

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[13] C
[51] **Int.Cl. E21B 23/14 (2006.01) E21B 23/08 (2006.01)**
[25] EN
[54] **UNIFORMLY VARIABLY CONFIGURABLE DRAG MEMBERS IN AN ANTI-ROTATION DEVICE**
[54] **ELEMENTS DE TRAINEE REGLABLES CONFIGURABLES UNIFORMEMENT DE MANIERE VARIABLE DANS UN DISPOSITIF ANTI-ROTATION**
[72] KIRKHOPE, KENNEDY J., CA
[73] HALLIBURTON ENERGY SERVICES INC., US
[85] 2016-06-14
[86] 2014-02-14 (PCT/US2014/016572)
[87] (WO2015/122916)

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[13] C
[25] EN
[54] **FULL COLOR DISPLAY DEVICE**
[54] **DISPOSITIF D'AFFICHAGE EN COULEURS**
[72] CHAN, BRYAN HANS, US
[72] DU, HUI, US
[72] LIN, CRAIG, US
[72] ZANG, HONGMEI, US
[73] E INK CALIFORNIA, LLC, US
[85] 2016-06-22
[86] 2015-01-13 (PCT/US2015/011237)
[87] (WO2015/108875)
[30] US (61/927,418) 2014-01-14

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[13] C
[51] **Int.Cl. F17D 3/12 (2006.01) F15D 1/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TREATING FLUIDS**
[54] **SYSTEMES ET PROCEDES POUR LE TRAITEMENT DES FLUIDES**
[72] KOMMAREDDI, NAGESH S., US
[72] FAIRCHILD, KEITH D, US
[72] WARD, JACK B., US
[72] CHOU, LU-CHIEN, US
[72] REED, DANIEL L., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-06-23
[86] 2014-12-16 (PCT/US2014/070596)
[87] (WO2015/112281)
[30] US (61/931,047) 2014-01-24
[30] US (14/560,538) 2014-12-04

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[13] C
[51] **Int.Cl. H04W 48/08 (2009.01) H04W 24/00 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROL CHANNEL CONFIGURATION IN A HETEROGENEOUS NETWORK ARCHITECTURE**
[54] **PROCEDE ET APPAREIL DE CONFIGURATION DE CANAL DE COMMANDE DANS UNE ARCHITECTURE DE RESEAU HETEROGENE**
[72] CAI, ZHIJUN, US
[72] SONG, YI, US
[72] BONTU, CHANDRA SEKHAR, US
[73] BLACKBERRY LIMITED, CA
[86] (2935528)
[87] (2935528)
[22] 2012-12-31
[62] 2,895,380
[30] US (13/720,767) 2012-12-19

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[13] C
[51] **Int.Cl. F16K 13/10 (2006.01) F04B 43/04 (2006.01)**
[25] EN
[54] **MICROFLUIDIC VALVE**
[54] **VANNE MICROFLUIDIQUE**
[72] GOVYADINOV, ALEXANDER, US
[72] TORNIAINEN, ERIK D., US
[72] KORNILOVICH, PAVEL, US
[72] MARKEL, DAVID P., US
[73] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2016-06-30
[86] 2014-01-29 (PCT/US2014/013657)
[87] (WO2015/116068)

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[13] C
[51] **Int.Cl. F01D 25/14 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **CMC HANGER SLEEVE FOR CMC SHROUD**
[54] **MANCHON DE SUSPENSION EN CMC POUR ENVELOPPE EN CMC**
[72] STAPLETON, DAVID SCOTT, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2016-07-07
[86] 2014-12-18 (PCT/US2014/071058)
[87] (WO2015/108658)
[30] US (61/928,757) 2014-01-17

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[13] C
[51] **Int.Cl. B60T 8/17 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AIRCRAFT BRAKE METERING TO ALLEVIATE STRUCTURAL LOADING**
[54] **SYSTEME ET PROCEDE DE CALCUL DE FREINAGE D'AVION AFIN DE REDUIRE UN EFFORT STRUCTUREL**
[72] DEVLIEG, GARRETT H., US
[72] GOWAN, JOHN, US
[73] HYDRO-AIRE, INC., US
[85] 2016-07-08
[86] 2015-01-09 (PCT/US2015/010903)
[87] (WO2015/106160)
[30] US (14/152,457) 2014-01-10

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[13] C
[51] **Int.Cl. F24F 13/02 (2006.01) F16L 9/18 (2006.01) F16L 59/14 (2006.01) F16L 59/22 (2006.01)**
[25] EN
[54] **INSULATED DUCTS AND INSULATED DUCTWORKS**
[54] **CONDUITS ISOLES ET RESEAUX DE GAINES ISOLES**
[72] FANELLI, CARL, US
[73] PATENT PORTFOLIO LICENSING LLC, US
[85] 2016-07-12
[86] 2014-07-24 (PCT/US2014/048073)
[87] (WO2015/105529)
[30] US (14/153,331) 2014-01-13

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[13] C
[51] **Int.Cl. H04L 12/58 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IMPROVED CLIENT SERVER COMMUNICATIONS OF EMAIL MESSAGES**
[54] **SYSTEME ET METHODE DE COMMUNICATIONS AMELIOREES DU SERVEUR DES ABONNES AUX MESSAGES DE COURRIEL**
[72] WARREN, JOSEPH R., US
[72] FROELICH, KARL, US
[72] LEMARCHAND, REMI A., US
[72] BONILLA, NICOLE A., US
[72] NOVITSKEY, ROBERT R., US
[72] GRAY, RONALD E., US
[72] HARTWELL, AARON, US
[72] POWER, BRENDAN, US
[72] CURTIS, BRENT, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[86] (2936856)
[87] (2936856)
[22] 2003-12-02
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[30] US (60/437,869) 2003-01-03
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[51] **Int.Cl. B26B 21/48 (2006.01) B26B 21/40 (2006.01)**
[25] EN
[54] **HEATED SHAVING RAZORS**
[54] **RASOIRS CHAUFFANTS**
[72] HODGSON, MATTHEW JAMES, GB
[72] BROEMSE, NORBERT, DE
[72] HEUBACH, KLAUS, DE
[72] SCHMITT, TIMO, DE
[72] SCHIRMER, MAURICE, DE
[72] KOENIG, FELIX, DE
[72] BEHRENDT, JUERGEN, DE
[73] THE GILLETTE COMPANY LLC, US
[85] 2016-07-14
[86] 2015-01-12 (PCT/US2015/010962)
[87] (WO2015/108801)
[30] US (61/927,132) 2014-01-14
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[13] C
[51] **Int.Cl. H02B 1/30 (2006.01)**
[25] EN
[54] **BASE ASSEMBLY FOR THE RACK OF A SWITCHGEAR CABINET**
[54] **MODULE DE FOND POUR LE CHASSIS D'UNE ARMOIRE ELECTRIQUE**
[72] REUTER, WOLFGANG, DE
[72] BOEHME, SIEGFRIED, DE
[72] SCHINDLER, TIMO, DE
[72] BRUCK, DANIEL, DE
[73] RITTAL GMBH & CO. KG, DE
[85] 2016-07-21
[86] 2015-01-28 (PCT/DE2015/100035)
[87] (WO2015/117598)
[30] DE (10 2014 101 405.7) 2014-02-05

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[13] C
[51] **Int.Cl. B65D 33/00 (2006.01) B65D 5/42 (2006.01)**
[25] EN
[54] **ENVELOPE-SHAPED POCKET IN GIFT BAG**
[54] **POCHE EN FORME D'ENVELOPPE DANS UN SAC-CADEAU**
[72] MCCAMBRIDGE, EMILEY IRENE, US
[72] UNGER, CARLY NICHOLE, US
[73] HALLMARK CARDS, INCORPORATED, US
[86] (2937851)
[87] (2937851)
[22] 2016-08-03
[30] US (15/141,139) 2016-04-28

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[13] C
[51] **Int.Cl. B32B 37/20 (2006.01) B29C 70/34 (2006.01) B29C 70/44 (2006.01)**
[25] EN
[54] **METHOD OF MAKING AN AIRDAM**
[54] **PROCEDE DE FABRICATION D'UN DEFLECTEUR D'AIR**
[72] HELLYER-KINCH, JAMES, GB
[73] GE AVIATION SYSTEMS LIMITED, GB
[85] 2016-07-28
[86] 2015-02-06 (PCT/EP2015/052558)
[87] (WO2015/118130)
[30] GB (1402229.7) 2014-02-10

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[51] **Int.Cl. E03F 7/04 (2006.01) F16K 15/03 (2006.01)**
[25] EN
[54] **NORMALLY-OPEN BACKWATER VALVE WITH SUSPENDED FLAPPER**
[54] **CLAPET ANTIRETOUR NORMALEMENT OUVERT DOTE D'UN BATTANT SUSPENDU**
[72] XU, ZHENGYI, US
[72] GRODJESK, HARVEY, US
[73] THE RECTORSEAL CORPORATION, US
[86] (2938306)
[87] (2938306)
[22] 2016-08-05
[30] US (62/283,054) 2015-08-19
[30] US (62/398,040) 2016-02-16
[30] US (15/194,997) 2016-06-28

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[51] **Int.Cl. A01K 61/00 (2017.01) A01K 63/02 (2006.01) A01K 63/04 (2006.01) A61D 7/04 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR ANESTHETIZING FISH AND SHELLFISH**
[54] **PROCEDE ET DISPOSITIF PERMETTANT L'ANESTHESIE DES POISSONS**
[72] KUGINO, KENJI, JP
[72] KUGINO, MUTSUKO, JP
[72] ASAKURA, TOMIKO, JP
[73] MARINE BIOTECHNOLOGY INC., JP
[85] 2016-08-02
[86] 2014-02-17 (PCT/JP2014/053673)
[87] (WO2015/122021)

[11] **2,939,966**
[13] C
[51] **Int.Cl. C09D 5/10 (2006.01) C09D 183/04 (2006.01)**
[25] EN
[54] **ANTICORROSIVE COATING COMPOSITION**
[54] **COMPOSITIONS DE REVETEMENT ANTICORROSIF**
[72] ROTH, MARCEL, DE
[72] KURZE, VANESSA, DE
[72] LAMMER, MARCUS, DE
[72] BOHM, SANDRA, DE
[72] GROSSMANN, VERENA, DE
[72] REUSMANN, GERHARD, DE
[73] EWALD DORKEN AG, DE
[86] (2939966)
[87] (2939966)
[22] 2016-08-23
[30] EP (EP 15 189 152.0) 2015-10-09

[11] **2,939,977**
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[51] **Int.Cl. B64F 1/36 (2017.01) G06Q 50/28 (2012.01) B64F 1/32 (2006.01) B65G 47/00 (2006.01) B65G 69/00 (2006.01) G01B 11/02 (2006.01) G01B 21/02 (2006.01) G01G 11/04 (2006.01) G01G 23/16 (2006.01)**
[25] EN
[54] **LUGGAGE PROCESSING STATION AND SYSTEM THEREOF**
[54] **STATION DE TRAITEMENT DE BAGAGES ET SYSTEME ASSOCIE**
[72] DINKELMANN, RICHARD, AU
[72] DINKELMANN, RAINER, AU
[73] ICM AIRPORT TECHNICS AUSTRALIA PTY LTD, AU
[85] 2016-08-17
[86] 2015-02-27 (PCT/AU2015/000114)
[87] (WO2015/127503)
[30] AU (2014900670) 2014-02-28
[30] AU (2014900987) 2014-03-21

[11] **2,940,551**
[13] C
[51] **Int.Cl. G06F 17/28 (2006.01)**
[25] EN
[54] **IMPROVEMENT OF AUTOMATIC MACHINE TRANSLATION USING USER FEEDBACK**
[54] **AMELIORATION D'UNE TRADUCTION AUTOMATIQUE GRACE AU RETOUR D'INFORMATIONS DE L'UTILISATEUR**
[72] SAWAF, HASSAN, US
[73] EBAY INC., US
[85] 2016-08-23
[86] 2015-02-26 (PCT/US2015/017845)
[87] (WO2015/130984)
[30] US (14/194,582) 2014-02-28

[11] **2,940,578**
[13] C
[51] **Int.Cl. F24C 1/00 (2006.01)**
[25] EN
[54] **STEAM GENERATING APPARATUS AND HEATING COOKER**
[54] **DISPOSITIF DE GENERATION DE VAPEUR ET APPAREIL DE CUISSON**
[72] UTSUMI, TAKASHI, JP
[72] FUKUOKA, KEIKO, JP
[72] NAKAJIMA, YUKO, JP
[73] SHARP KABUSHIKI KAISHA, JP
[85] 2016-08-23
[86] 2015-08-24 (PCT/JP2015/073671)
[87] (WO2016/035592)
[30] JP (2014-181110) 2014-09-05
[30] JP (2014-181542) 2014-09-05

[11] **2,940,912**
[13] C
[51] **Int.Cl. A61L 27/14 (2006.01) A61L 27/50 (2006.01) C04B 26/06 (2006.01) C08L 33/12 (2006.01)**
[25] EN
[54] **POLYMETHYLMETHACRYLATE BONE CEMENT WITH ADJUSTABLE INITIAL VISCOSITY, AND A METHOD FOR PRODUCING A BONE CEMENT DOUGH WITH VARIABLE INITIAL VISCOSITY**
[54] **CIMENT ORTHOPEDIQUE DE POLYMETHYLMETHACRYLATE A VISCOSITE INITIALE AJUSTABLE ET UNE METHODE DE PRODUCTION D'UNE PATE DE CIMENT ORTHOPEDIQUE A VISCOSITE INITIALE VARIABLE**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2940912)
[87] (2940912)
[22] 2016-09-02
[30] DE (10 2015 217 315.1) 2015-09-10

[11] **2,941,217**
[13] C
[51] **Int.Cl. C21D 9/50 (2006.01) B23K 31/00 (2006.01) C21D 1/42 (2006.01) C21D 9/04 (2006.01) E01B 5/02 (2006.01) H05B 6/36 (2006.01)**
[25] EN
[54] **HEAT TREATMENT DEVICE, HEAT TREATMENT METHOD, AND RAIL STEEL**
[54] **DISPOSITIF DE TRAITEMENT THERMIQUE, PROCEDE DE TRAITEMENT THERMIQUE, ET ACIER A RAIL**
[72] KARIMINE, KENICHI, JP
[72] UEDA, MASAHARU, JP
[72] SAITA, KENJI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-08-30
[86] 2015-04-06 (PCT/JP2015/060713)
[87] (WO2015/156243)
[30] JP (2014-079489) 2014-04-08
[30] JP (2014-079503) 2014-04-08

[11] **2,941,366**
[13] C
[51] **Int.Cl. E21B 43/247 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **DISINTEGRATING UNIT DOSE POD FOR WELL SERVICING FLUIDS**
[54] **POCHE DE DOSE UNITAIRE DE DESINTEGRATION POUR FLUIDES D'ENTRETIEN DE PUITS**
[72] ALWATTARI, ALI, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-08-31
[86] 2014-04-01 (PCT/US2014/032543)
[87] (WO2015/152901)

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[13] C
[51] **Int.Cl. A61F 9/007 (2006.01)**
[25] EN
[54] **AUTOMATICALLY PULSING DIFFERENT ASPIRATION LEVELS TO AN OCULAR PROBE**
[54] **IMPULSION AUTOMATIQUE DE DIFFERENTS NIVEAUX D'ASPIRATION A UNE SONDE OCULAIRE**
[72] RANEY, ROB, US
[72] CLAUS, MICHAEL J., US
[72] GERG, JAMES, US
[72] WONG, WAYNE S., US
[72] KING, DAVID A., US
[72] STAGGS, JAMES W., US
[72] LEE, FRED, US
[73] JOHNSON & JOHNSON SURGICAL VISION, INC., US
[86] (2941763)
[87] (2941763)
[22] 2009-11-06
[62] 2,743,086
[30] US (61/198,658) 2008-11-07

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[13] C
[51] **Int.Cl. E21B 21/06 (2006.01) E21B 37/00 (2006.01)**
[25] EN
[54] **METHODS AND PROCESSES TO RECYCLE BASE OIL FLUIDS FROM SPENT INVERT EMULSION DRILLING FLUIDS**
[54] **METHODES ET PROCEDES POUR RECYCLER DES FLUIDES HUILEUX DE BASE A PARTIR DE FLUIDES DE FORAGE EN EMULSION INVERSE USES**
[72] AYAPBERGENOV, YERZHAN, US
[72] HARVEY, TIMOTHY N., US
[72] ABBOTT, GREGORY DOUGLAS, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-09-12
[86] 2014-05-27 (PCT/US2014/039497)
[87] (WO2015/183233)

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[13] C
[51] **Int.Cl. A61B 17/115 (2006.01) A61M 31/00 (2006.01)**
[25] EN
[54] **STRUCTURE FOR APPLYING SPRAYABLE WOUND TREATMENT MATERIAL**
[54] **STRUCTURE PERMETTANT D'APPLIQUER UN MATERIAU DE TRAITEMENT PULVERISABLE SUR UNE PLAIE**
[72] HEINRICH, RUSSELL, US
[72] BETTUCHI, MICHAEL, US
[72] FOWLER, DAVID N., US
[72] CAPELLA, ROBERT, US
[72] HAUSCHILD, JOHN, US
[73] COVIDIEN LP, US
[86] (2942579)
[87] (2942579)
[22] 2005-10-14
[62] 2,855,455
[30] US (60/620,102) 2004-10-18
[30] US (60/620,150) 2004-10-18

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[13] C
[51] **Int.Cl. C07F 15/00 (2006.01) A61K 31/473 (2006.01) A61K 31/4745 (2006.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **DESIGN, SYNTHESIS, AND BIOLOGICAL ACTIVITY OF PLATINUM-BENZ[C]ACRIDINE HYBRID AGENTS AND METHODS ASSOCIATED THEREWITH**
[54] **CONCEPTION, SYNTHESE ET ACTIVITE BIOLOGIQUE D'AGENTS HYBRIDES AU PLATINE-BENZ [C] ACRIDINE ET PROCEDES ASSOCIES A CES DERNIERS**
[72] BIERBACH, ULLRICH, US
[72] PICKARD, AMANDA J., US
[73] WAKE FOREST UNIVERSITY, US
[85] 2016-09-14
[86] 2015-03-15 (PCT/US2015/020635)
[87] (WO2015/142684)
[30] US (61/953,765) 2014-03-15

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[51] **Int.Cl. E21B 28/00 (2006.01) E21B 7/24 (2006.01) E21B 10/60 (2006.01)**
[25] EN
[54] **FLUIDIC OSCILLATOR BYPASS SYSTEM**
[54] **SYSTEME DE DERIVATION D'OSCILLATEUR FLUIDIQUE**
[72] GREENING, AIMEE K., US
[72] HOWARD, ROBERT G., US
[72] AMBROSI, GIUSEPPE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-09-26
[86] 2014-06-09 (PCT/US2014/041459)
[87] (WO2015/191021)

[11] **2,944,339**
[13] C
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 7/00 (2006.01) E21B 43/247 (2006.01)**
[25] EN
[54] **FRAC SLEEVE SYSTEM AND METHOD FOR NON-SEQUENTIAL DOWNHOLE OPERATIONS**
[54] **SYSTEME DE MANCHON DE FRACTURATION ET PROCEDE PERMETTANT DES OPERATIONS DE FOND DE TROU NON SEQUENTIELLES**
[72] WOOD, EDWARD T., US
[72] MILLS, AUBREY C., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-09-28
[86] 2014-10-03 (PCT/US2014/058995)
[87] (WO2015/069397)
[30] US (61/901,135) 2013-11-07

[11] **2,944,534**
[13] C
[51] **Int.Cl. F03D 80/80 (2016.01) F03D 1/06 (2006.01)**
[25] EN
[54] **NACELLE OF A WIND TURBINE**
[54] **NACELLE D'EOLIENNE**
[72] GUDEWER, WILKO, DE
[72] COORDES, IHNO, DE
[72] KNOOP, FRANK, DE
[72] GEIKEN, PETER, DE
[72] FLESSNER, THORSTEN, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2016-09-30
[86] 2015-04-02 (PCT/EP2015/057377)
[87] (WO2015/155131)
[30] DE (10 2014 206 703.0) 2014-04-07
[30] DE (10 2014 206 880.0) 2014-04-09

[11] **2,945,469**
[13] C
[51] **Int.Cl. E21B 47/00 (2012.01) G01V 1/28 (2006.01) G01V 1/40 (2006.01)**
[25] EN
[54] **FRACTURE TREATMENT ANALYSIS BASED ON A TIME-SEQUENCE OF SEISMIC DATA**
[54] **ANALYSE DE TRAITEMENT DE FRACTURE BASEE SUR UNE SEQUENCE TEMPORELLE DE DONNEES SISMIQUES**
[72] WALTERS, HAROLD GRAYSON, US
[72] DUSTERHOFT, RONALD GLEN, US
[72] RANJAN, PRIYESH, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-10-11
[86] 2014-06-04 (PCT/US2014/040835)
[87] (WO2015/187145)

[11] **2,945,742**
[13] C
[51] **Int.Cl. E21B 47/00 (2012.01) G01V 1/28 (2006.01) G01V 1/40 (2006.01)**
[25] EN
[54] **IDENTIFYING WELLBORE LOCATION BASED ON SEISMIC DATA**
[54] **IDENTIFICATION D'UN EMPLACEMENT DE PUITS DE FORAGE SUR LA BASE DE DONNEES SISMIQUES**
[72] DUSTERHOFT, RONALD GLEN, US
[72] RANJAN, PRIYESH, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-10-13
[86] 2014-06-04 (PCT/US2014/040859)
[87] (WO2015/187151)

[11] **2,945,835**
[13] C
[51] **Int.Cl. G01B 5/14 (2006.01) F16H 57/023 (2012.01) F16H 57/12 (2006.01)**
[25] EN
[54] **POWER TAKEOFF GASKET SELECTION TOOLS AND METHODS**
[54] **METHODES ET OUTILS DE SELECTION DE JOINT D'ETANCHEITE DE PRISE DE FORC**
[72] YOUNG, BRIAN, US
[72] RINKENBAUGH, JOHN, US
[72] ARMSTRONG, JEREMY, US
[73] MUNCIE POWER PRODUCTS, INC., US
[86] (2945835)
[87] (2945835)
[22] 2012-04-20
[62] 2,775,433
[30] US (61/477,438) 2011-04-20

[11] **2,946,126**
[13] C
[51] **Int.Cl. A61K 8/89 (2006.01) A61K 8/06 (2006.01) A61K 8/19 (2006.01) A61K 8/31 (2006.01) A61K 8/58 (2006.01) A61Q 1/10 (2006.01) A61Q 5/06 (2006.01)**
[25] EN
[54] **MIXABLE MULTI-FUNCTIONAL PRODUCT AND PROCESS FOR KERATIN FIBERS**
[54] **PRODUIT MULTIFONCTIONNEL POUVANT ETRE MELANGE, ET PROCEDE POUR FIBRES DE KERATINE**
[72] STEPNIEWSKI, GEORGE, US
[72] MAROTTA, PAUL, US
[72] FRAMPTON, KATIE ANN, US
[72] SANTA MARIA, CHRISTINA, US
[72] PACKARD, NICOLE, US
[73] ELC MANAGEMENT LLC, US
[85] 2016-10-17
[86] 2015-04-22 (PCT/US2015/026990)
[87] (WO2015/171309)
[30] US (14/271,556) 2014-05-07

[11] **2,947,271**
[13] C
[51] **Int.Cl. G08B 25/00 (2006.01) H04W 4/12 (2009.01) G08B 27/00 (2006.01) H04M 3/51 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR PRESENTING PRIORITIZED INCIDENT CONTENT**
[54] **PROCEDES ET SYSTEMES POUR PRESENTER UN CONTENU D'INCIDENT CLASSE PAR ORDRE DE PRIORITE**
[72] MILLER, TRENT J., US
[72] BLANCO, ALEJANDRO G., US
[72] CORREAL, NEIYER S., US
[72] COSTA, FABIO M., US
[72] DOUROS, KENNETH W., US
[72] HIBEN, BRADLEY M., US
[72] KYPEROUNTAS, SPYROS, US
[72] LIN, LIN, US
[72] RAO, YADUNANDANA N., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2016-10-27
[86] 2015-04-20 (PCT/US2015/026573)
[87] (WO2015/167835)
[30] US (14/262,889) 2014-04-28

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[13] C
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **NON-BURNING-TYPE FLAVOR INHALER**
[54] **INHALATEUR D'AROME SANS COMBUSTION**
[72] TAKEUCHI, MANABU, JP
[72] SUZUKI, AKIHIKO, JP
[72] NAKANO, TAKUMA, JP
[72] YAMADA, MANABU, JP
[73] JAPAN TOBACCO INC., JP
[85] 2016-10-27
[86] 2015-04-30 (PCT/JP2015/063036)
[87] (WO2015/167000)
[30] JP (2014-095164) 2014-05-02

[11] **2,947,313**
[13] C
[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/4439 (2006.01) A61P 25/08 (2006.01)**
[25] EN
[54] **6-SUBSTITUTED-3H-1,3-BENZOTHIAZOL-2-ONE COMPOUNDS AS TARP-GAMMA 8 DEPENDENT AMPA RECEPTOR ANTAGONISTS**
[54] **COMPOSES 3H-1,3-BENZOTHIAZOL-2-ONE 6-SUBSTITUES UTILISES EN TANT QU'ANTAGONISTES DU RECEPTEUR AMPA DEPENDANT DE TARP-GAMMA**
[72] GARDINIER, KEVIN MATTHEW, US
[72] GERNERT, DOUGLAS LINN, US
[72] HAHN, PATRIC JAMES, US
[72] HOLLINSHEAD, SEAN PATRICK, US
[72] KHILEVICH, ALBERT, US
[72] MAYHUGH, DANIEL RAY, US
[72] ORNSTEIN, PAUL LESLIE, US
[72] PORTER, WARREN JAYE, US
[72] REEL, JON KEVIN, US
[72] SCHKERYANTZ, JEFFREY MICHAEL, US
[72] SPINAZZE, PATRICK GIANPIETRO, US
[72] STEVENS, FREDDIE CRAIG, US
[72] WITKIN, JEFFREY MICHAEL, US
[73] ELI LILLY AND COMPANY, US
[85] 2016-10-27
[86] 2015-05-21 (PCT/US2015/031880)
[87] (WO2015/183673)
[30] US (62/004,005) 2014-05-28

[11] **2,948,594**
[13] C
[51] **Int.Cl. B61B 12/00 (2006.01) B61B 1/02 (2006.01)**
[25] EN
[54] **CABLE CAR SYSTEM FOR TRANSPORTING PEOPLE**
[54] **TELEPHERIQUE DE TRANSPORT DE PERSONNES**
[72] MORITZHUBER, JOHANNES, AT
[72] BECK, MARKUS, AT
[72] LUGER, PETER, AT
[73] INNOVA PATENT GMBH, AT
[85] 2016-11-16
[86] 2015-05-18 (PCT/AT2015/000074)
[87] (WO2015/184478)
[30] AT (A 433/2014) 2014-06-02

[11] **2,948,679**
[13] C
[51] **Int.Cl. E21B 47/02 (2006.01) E21B 47/022 (2012.01) G01V 3/18 (2006.01)**
[25] EN
[54] **RELUCTANCE SENSOR FOR MEASURING A MAGNETIZABLE STRUCTURE IN A SUBTERRANEAN ENVIRONMENT**
[54] **CAPTEUR A RELUCTANCE POUR MESURER UNE STRUCTURE MAGNETISABLE DANS UN ENVIRONNEMENT SOUTERRAIN**
[72] HAY, RICHARD THOMAS, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-11-09
[86] 2014-06-17 (PCT/US2014/042619)
[87] (WO2015/195089)

[11] **2,948,682**
[13] C
[51] **Int.Cl. F03D 3/00 (2006.01) F03D 7/06 (2006.01)**
[25] EN
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[54] **MACHINE EOLIENNE A AXE VERTICAL COMPORTANT UNE TOUR DE PRODUCTION CONTROLABLE**
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[73] JUQIN POWER TECHNOLOGY CO., LTD., CN
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[72] WIGHT, JAMES, US
[72] ALBERS, HEIDI B., US
[72] THODY, LORA C. SIEGLER, US
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[54] **ENSEMBLE DESTINE AU TRAITEMENT MECANIQUE, EN PARTICULIER LE BROYAGE DE_MATERIAUX FIBREUX SUSPENDUSION**
[72] TICHY, CHRISTOPH, DE
[72] BEER, WOLFGANG, DE
[72] MICKELAT, THOMAS, DE
[72] ANTENSTEINER, PETER, US
[73] ANDRITZ FIEDLER GMBH, DE
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[72] MARSCHNER, OLIVER, DE
[73] SAF-HOLLAND GMBH, DE
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[54] **PROCEDE ET APPAREIL DE GENERATION DE CANDIDAT POUR UN MODE D'ECHANTILLON UNIQUE DANS UN CODAGE VIDEO**
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[72] LIU, SHAN, US
[72] CHEN, YI-WEN, CN
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[54] **DISPOSITIF D'HYGIENE PERSONNELLE AYANT UN MOTEUR RESONANT**
[72] SCHAEFER, NORBERT, DE
[72] KUCHLER, KERVIN, DE
[72] KLEMM, TORSTEN, DE
[72] STRATMANN, MARTIN, DE
[72] STUCKRATH, CARL, DE
[72] MOEHRING, ANDREAS, DE
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[54] **ACTIONNEUR DE SOLENOIDE DESTINE A LA TELEMETRIE PAR IMPULSION DANS LA BOUE**
[72] PRATT, F. DALE, CA
[72] LAMBE, KENNETH A., CA
[73] EXTENSIVE ENERGY TECHNOLOGIES PARTNERSHIP, CA
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[54] **PROCEDE DE RECEPTION DISCONTINUE, STATION MOBILE, STATION DE BASE ET SYSTEME DE COMMUNICATION SANS FIL**
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[54] **METHODS AND SYSTEMS FOR AUTOMATIC CREATION OF TALKGROUPS BASED ON RECEIVED SIGNAL STRENGTH INDICATOR (RSSI)**
[54] **PROCEDES ET SYSTEMES POUR LA CREATION AUTOMATIQUE DE GROUPES DE CONVERSATION SUR LA BASE D'UN INDICATEUR DE PUISSANCE DE SIGNAL RECU (RSSI)**
[72] JURZAK, PAWEL, PL
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[54] **SYSTEME DE PUITS MULTILATERAL**
[72] ZHOU, SHAOHUA, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
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[54] **JOINTS FILETES DESTINES A DES TUYAUX EN ACIER**
[72] OKU, YOUSUKE, JP
[72] YAMAMOTO, TATSUYA, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[73] VALLOUREC OIL AND GAS FRANCE, FR
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[54] **ETUIS POUR CARTES-CADEAUX MOTORISES**
[72] BEGIN, ANTHONY, US
[72] MAYER, DAVID, US
[72] HUGHES, TERRY, US
[72] GUO, JERRY, CN
[72] QIAO, TIGER, CN
[72] TALBOT, JOHN, US
[72] SHLONSKY, LYNNE, US
[72] SPECK, KATALINA, US
[72] MASON, SARAH, US
[72] MARSH, ALLISON, US
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[54] **APPAREIL DE PHOTO STEREO MONOCULAIRE**
[72] PYO, DO-YEON, KR
[73] YEON SYSTEMS CO., LTD., KR
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[54] **TRAITEMENT DE MALADIES PROVOQUEES PAR MYCOBACTERIUM AVIUM UTILISANT UNE COMBINAISON DE RADIOTHERAPIE SANGUINE PAR ULTRAVIOLET ET D'ANTIBIOTIQUES**
[72] KUENSTNER, JOHN TODD, US
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[54] **SYSTEM AND METHOD OF REDUNDANCY BASED PACKET TRANSMISSION ERROR RECOVERY**
[54] **SYSTEME ET PROCEDE DE RETOUR AU FONCTIONNEMENT NORMAL POUR UNE TRANSMISSION DE PAQUET BASEE SUR LA REDONDANCE**
[72] KRISHNAN, VENKATESH, US
[72] RAJENDRAN, VIVEK, US
[72] SARKAR, SANDIP, US
[72] SUBASINGHA, SUBASINGHA SHAMINDA, US
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[54] **UNITE INTERIEURE DE CONDITIONNEUR D'AIR**
[72] BAI, XIAOFENG, CN
[72] LI, DACHENG, CN
[72] LIU, XING, CN
[72] ZHANG, XINZHOU, CN
[72] ZHANG, JIANJIAN, CN
[73] GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD., CN
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[54] **SURFACTANT-STRIPPED MICELLE COMPOSITIONS WITH HIGH CARGO TO SURFACTANT RATIO**
[54] **COMPOSITIONS DE MICELLES DEPOUILLEES D'AGENT TENSIOACTIF A RAPPORT ELEVE ENTRE CHARGE ET AGENT TENSIOACTIF**
[72] LOVELL, JONATHAN, CA
[72] ZHANG, YUMIAO, US
[72] SONG, WENTAO, US
[72] GENG, JUMIN, US
[72] KIM, CHULHONG, KR
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[73] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
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[25] EN
[54] **PENETRATOR FOR A PUNCTURE COMMUNICATION TOOL AND METHOD**
[54] **ELEMENT PENETRATEUR POUR OUTIL DE COMMUNICATION DE PERFORATION ET PROCEDE**
[72] GARR, RONALD J., US
[72] JONES, BRETT C., US
[72] LINDEMANN, JOHN D., US
[72] HAIR, MICHAEL L., US
[72] MYERLEY, THOMAS S., US
[73] BAKER HUGHES INCORPORATED, US
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[25] EN
[54] **MOLDED COSMETIC APPLICATORS WITH PERFORATED BRISTLES AND MOLD THEREFOR**
[54] **APPLICATEURS COSMETIQUES MOULES AVEC CRINS PERFORES, ET MOULE ASSOCIE**
[72] JACOB, CHRISTOPHE, FR
[72] BOUIX, HERVE F., US
[73] ELC MANAGEMENT LLC, US
[85] 2017-01-13
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[54] **ROOM DECONTAMINATION SYSTEM, METHOD AND CONTROLLER**
[54] **SYSTEME, PROCEDE ET DISPOSITIF DE COMMANDE DE DECONTAMINATION DE PIECE**
[72] BRAIS, NORMAND, CA
[72] DESPATIS PAQUETTE, BENOIT, CA
[72] DAME, JOCELYN, CA
[73] SANUVOX TECHNOLOGIES INC., CA
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[54] **ELEMENTS DE CALCUL INTEGRE AYANT UN GUIDE D'ONDE PLANAIRE**
[72] PERKINS, DAVID L., US
[72] JONES, CHRISTOPHER M., US
[72] PAI, NAGARAJA, US
[72] PELLETIER, MICHAEL T., US
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[54] **SHINGLE PATCH FOR HAIL DAMAGE REPAIR OF ASPHALT SHINGLES AND AN INTEGRAL NAIL/DISK STRUCTURE FOR ELIMINATING EXPOSED ROOF NAILS**
[54] **PIECE DE BARDEAU DESTINEE A LA REPARATION DE BARDEAUX D'ASPHALTE AYANT SUBI DES DOMMAGES DUS A LA GRELE ET STRUCTURE DE CLOU/DISQUE INTEGRALE DESTINEE A L'ELIMINATION DE CLOUS DE TOITURE EXPOSES**
[72] MATHIESON, THOMAS R., US
[73] MATHIESON, THOMAS R., US
[86] (2956643)
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[25] EN
[54] **POROUS ARTICLES FORMED FROM POLYPARAXYLYLENE AND PROCESSES FOR FORMING THE SAME**
[54] **ARTICLES POREUX FORMES A PARTIR DE POLY(PARA-XYLYLENE) ET PROCEDES DE FORMATION DE CES DERNIERS**
[72] SBRIGLIA, GUY A., US
[73] W. L. GORE & ASSOCIATES, INC., US
[85] 2017-01-30
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[54] **DISPOSITIF DE TRAITEMENT DE SIGNAUX**
[72] YAMAOKA, TOMOYA, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
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[54] **METHOD AND DEVICE FOR UNPACKING A COMPONENT**
[54] **PROCEDE ET DISPOSITIF D'EXTRACTION D'UN ELEMENT DE CONSTRUCTION**
[72] HOECHSMANN, RAINER, DE
[72] MUELLER, ALEXANDER, DE
[72] KLAUA, SVEN, DE
[72] BAUMANN, MAXIMILIAN, DE
[72] SEEGER, WOLFGANG, DE
[72] RATZENBERGER, RENATE, DE
[72] HUBER, LISA, DE
[73] EXONE GMBH, DE
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[25] EN
[54] **POLYCARBONATE RESIN COMPOSITION AND ARTICLE MOLDED THEREFROM**
[54] **COMPOSITION DE RESINE DE POLYCARBONATE ET ARTICLE MOULE OBTENU A PARTIR DE CELLE-CI**
[72] KOUNO, KAZUKI, JP
[72] KUWAHARA, HISAYUKI, JP
[73] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
[85] 2017-02-28
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[25] EN
[54] **METHOD FOR FORMING A HIGH-PERFORMANCE AQUEOUS-PHASE POLYMER FLUID AND SYSTEM FOR DRILLING WELLBORES IN LOW-GRADIENT FORMATIONS**
[54] **PROCEDE DE FORMULATION D'UN FLUIDE POLYMERE A HAUTE PERFORMANCE EN PHASE AQUEUSE, ET SYSTEME POUR LE FORAGE DE PUITS EN FORMATIONS DE FAIBLE PENTE**
[72] FERRUSQUIA HERNANDEZ, CARLOS, MX
[73] TECNOLOGIA INTEGRAL EN FLUIDOS DE PERFORACION S.A. DE C.V., MX
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[87] (WO2016/039612)
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[25] EN
[54] **PRODUCING METHOD, PRODUCING APPARATUS AND PRODUCING EQUIPMENT LINE OF PRESS FORMED PRODUCT**
[54] **PROCEDE DE PRODUCTION D'ARTICLE MOULE A LA PRESSE, APPAREIL DE PRODUCTION, ET LIGNE DE PRODUCTION**
[72] NISHIMURA, RYUICHI, JP
[72] NAKAZAWA, YOSHIAKI, JP
[72] YONEBAYASHI, TORU, JP
[72] SATO, KOICHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[51] **Int.Cl. B61F 5/24 (2006.01) F16F 9/26 (2006.01) F16F 9/46 (2006.01)**
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[54] **RAILROAD VIBRATION CONTROL DEVICE**
[54] **DISPOSITIF FERROVIAIRE DE LUTTE CONTRE LES VIBRATIONS**
[72] OGAWA, TAKAYUKI, JP
[73] KYB CORPORATION, JP
[85] 2017-03-17
[86] 2015-08-26 (PCT/JP2015/074022)
[87] (WO2016/042996)
[30] JP (2014-191693) 2014-09-19

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[13] C
[51] **Int.Cl. B65G 67/02 (2006.01) B25J 5/00 (2006.01)**
[25] EN
[54] **PERCEPTION-BASED ROBOTIC MANIPULATION SYSTEM AND METHOD FOR AUTOMATED TRUCK UNLOADER THAT UNLOADS/UNPACKS PRODUCT FROM TRAILERS AND CONTAINERS**
[54] **SYSTEME DE MANIPULATION ROBOTIQUE BASE SUR LA PERCEPTION ET PROCEDE POUR DISPOSITIF DE DECHARGEMENT DE CAMIONS AUTOMATISE QUI DECHARGE/DEBALLE LE PRODUIT DES REMORQUES ET CONTENEURS**
[72] MCMURROUGH, CHRISTOPHER D., US
[72] DOLIOTIS, PAVLOS, US
[72] MIDDLETON, MATTHEW B., US
[72] CRISWELL, ALEX, US
[72] RAJAN, SAMARTH, US
[72] WEIR, JUSTRY, US
[73] WYNRIGHT CORPORATION, US
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[87] (WO2016/054656)
[30] US (62/059,515) 2014-10-03

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[54] **ELECTROMECHANICAL DRIVE SYSTEM**
[54] **SYSTEME D'ENTRAINEMENT ELECTROMECANIQUE**
[72] THEOPOLD, TOBIAS, DE
[72] PAULI, MATTHIAS, DE
[72] O'SULLIVAN, DENIS, IE
[72] O'SULLIVAN, ROBERT, IE
[73] MOOG UNNA GMBH, DE
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[87] (WO2016/079211)
[30] EP (14193755.7) 2014-11-18

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[13] C
[51] **Int.Cl. H02K 1/18 (2006.01) H02K 1/30 (2006.01)**
[25] EN
[54] **COMPONENT FOR AN ELECTRIC MACHINE**
[54] **COMPOSANTS DESTINES A UNE MACHINE ELECTRIQUE**
[72] KUMMLEE, HORST, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-06-01
[86] 2015-11-20 (PCT/EP2015/077202)
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[30] EP (14196587.1) 2014-12-05

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[13] C
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[25] EN
[54] **DRY DRILLING FLUID ADDITIVES AND METHODS RELATING THERETO**
[54] **ADDITIFS FLUIDES POUR FORAGE A SEC ET PROCEDES S'Y RAPPORTANT**
[72] CORTNER, THOMAS SCOTT, US
[72] MAY, PRESTON ANDREW, US
[72] COLLINS, RYAN PATRICK, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-01
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[25] EN
[54] **ACTIVATED SEMICONDUCTOR COMPOUNDS HAVING INCREASED ELECTROCHEMICAL REACTIVITY AND ASSOCIATED METHODS THEREOF**
[54] **COMPOSES SEMI-CONDUCTEURS ACTIVES A REACTIVITE ELECTROCHIMIQUE ACCRUE ET LEURS PROCEDES ASSOCIES**
[72] CHAIKO, DAVID J., US
[72] ROCKS, SARA (SALLY), US
[73] FLSMIDTH A/S, DK
[85] 2017-07-07
[86] 2016-01-11 (PCT/US2016/012895)
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[25] EN
[54] **CARTRIDGE AND METHOD FOR GAS DISSOLUTION IN BEVERAGES**
[54] **CARTOUCHE ET PROCEDE POUR LA DISSOLUTION DE GAZ DANS DES BOISSONS**
[72] PETERSON, PETER, US
[72] HUOT CARLSON, JENNIFER CAITLIN, US
[73] BEDFORD SYSTEMS LLC, US
[85] 2017-08-11
[86] 2016-02-08 (PCT/US2016/016929)
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[25] EN
[54] **WINDOW GLASS HEATING DEVICE**
[54] **APPAREIL DE CHAUFFAGE DE VITRAGE DE FENETRE**
[72] OIKAWA, YOSHITAKA, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2977470)
[87] (2977470)
[22] 2017-08-25
[30] JP (2016-166493) 2016-08-29

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[25] FR
[54] **DEVICE IN THE FORM OF A GARMENT FOR MONITORING A PHYSIOLOGICAL PARAMETER OF A USER**
[54] **DISPOSITIF DE SURVEILLANCE D'UN PARAMETRE PHYSIOLOGIQUE D'UN UTILISATEUR SOUS LA FORME D'UN VETEMENT**
[72] GOUTHEZ, MARION, FR
[72] ZORMAN, SYLVAIN, FR
[72] FROUIN, PIERRE-YVES, FR
[73] BIOSERENITY, FR
[85] 2017-08-31
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[25] EN
[54] **ELECTROLYSIS SYSTEM**
[54] **SYSTEME D'ELECTROLYSE**
[72] IZGORODIN, IVAN, RU
[72] IZGORODIN, ALEXEY, AU
[73] H2SG ENERGY PTE LTD, SG
[85] 2017-09-13
[86] 2015-03-13 (PCT/SG2015/000077)
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[13] C
[51] **Int.Cl. H04B 7/06 (2006.01) H04B 7/08 (2006.01) H04W 88/08 (2009.01)**
[25] EN
[54] **METHOD AND NETWORK NODE FOR CALCULATING TRANSMITTER PRECODING WEIGHTS AND RECEIVER COMBINING WEIGHTS FOR A MIMO ANTENNA SYSTEM**
[54] **PROCEDE ET NOEUD DE RESEAU POUR CALCULER DES POIDS DE PRECODAGE D'EMETTEUR ET POIDS DE COMBINAISON DE RECEPTEUR POUR UN SYSTEME D'ANTENNE MIMO**
[72] AHMED OUAMEUR, MESSAOUD, CA
[73] NUTAQ INNOVATION INC., CA
[85] 2017-10-13
[86] 2016-07-28 (PCT/IB2016/054535)
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[30] US (62/200,274) 2015-08-03

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[25] EN
[54] **PLATED POLYMERIC ARTICLE INCLUDING TIN/COPPER TIE/SEED LAYER**
[54] **ARTICLE POLYMERE PLAQUE COMPORTANT UNE COUCHE DE LIAISON/GERMINATION EN ETAIN/CUIVRE**
[72] HEBERT, LARRY S., US
[72] SOWATZKE, DAVID A., US
[72] YU, STEVEN Y., US
[72] NESMITH, GENE B., US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-12-15
[86] 2016-06-13 (PCT/US2016/037261)
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[51] **Int.Cl. G05B 19/02 (2006.01) E05F 15/40 (2015.01) G08C 19/36 (2006.01)**
[25] EN
[54] **WIRELESS OBSTACLE DETECTION FOR USE WITH DIFFERENT BARRIER OPERATOR TYPES**
[54] **DETECTION D'OBSTACLE SANS FIL DESTINEE A ETRE UTILISEE AVEC DIFFERENTS TYPES D'ACTIONNEUR DE BARRIERE**
[72] KELLER, ROBERT ROY, JR., US
[72] SORICE, CORY JON, US
[73] THE CHAMBERLAIN GROUP, INC., US
[85] 2017-12-28
[86] 2016-06-29 (PCT/US2016/040049)
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[30] US (14/789,576) 2015-07-01

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[25] EN
[54] **FLAT WEDGE-SHAPED LENS AND IMAGE PROCESSING METHOD**
[54] **LENTILLE PLATE EN FORME DE COIN ET PROCEDE DE TRAITEMENT D'IMAGE**
[72] DAUGELA, JOHN, CA
[73] SPECTRUM OPTIX INC., CA
[85] 2018-01-24
[86] 2016-07-28 (PCT/IB2016/054526)
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[54] **LOW MELTING POINT METAL OR ALLOY POWDERS ATOMIZATION MANUFACTURING PROCESSES**
[54] **PROCEDES DE FABRICATION PAR ATOMISATION DE POUDRES DE METAL OU D'ALLIAGE A BAS POINT DE FUSION**
[72] ST-LAURENT, SYLVAIN, CA
[72] CHEN, SHIZHU, CA
[72] LI, HUI, CA
[73] 5N PLUS INC., CA
[85] 2018-03-20
[86] 2017-05-05 (PCT/CA2017/050553)
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[25] EN
[54] **IMAGE ENCODING DEVICE, IMAGE DECODING DEVICE, IMAGE ENCODING METHOD, AND IMAGE DECODING METHOD**
[54] **DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, PROCEDE DECODAGE D'IMAGE ET PROCEDE DE DECODAGE D'IMAGE**
[72] MINEZAWA, AKIRA, JP
[72] SUGIMOTO, KAZUO, JP
[72] SEKIGUCHI, SHUNICHI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[86] (3000998)
[87] (3000998)
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[25] EN
[54] **CELLULOSE-BASED ORGANIC PIGMENTS**
[54] **PIGMENTS ORGANIQUES A BASE DE CELLULOSE**
[72] ANDREWS, MARK P., CA
[72] MORSE, TIMOTHY, CA
[73] ANOMERA INC., CA
[85] 2018-04-18
[86] 2016-11-30 (PCT/CA2016/051403)
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[25] EN
[54] **AIR INTAKE DEVICE FOR INTERNAL COMBUSTION ENGINE**
[54] **DISPOSITIF D'ADMISSION D'AIR POUR MOTEUR A COMBUSTION INTERNE**
[72] OOKI, OSAMU, JP
[72] IIJIMA, KAZUKI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2018-05-18
[86] 2015-11-19 (PCT/JP2015/082485)
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[11] **3,007,535**
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[25] EN
[54] **MULTIPHASE CONTACT AND DISTRIBUTION APPARATUS FOR HYDROPROCESSING**
[54] **APPAREIL DE CONTACT ET DE DISTRIBUTION MULTIPHASE POUR HYDROTRAITEMENT**
[72] KILLEN, RALPH E., US
[72] BOYAK, CRAIG, US
[72] SONG, STEVEN X., US
[72] KEMOUN, ABDENOUR, US
[72] SOUERS, STEVE, US
[72] PARIMI, KRISHNIAH, US
[72] AKIN, ZACKORY, US
[73] CHEVRON U.S.A. INC., US
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[25] EN
[54] **HEAVY DUTY OIL FILTER WRENCH**
[54] **CLE ROBUSTE DESTINEE A UN FILTRE A L'HUILE**
[72] DEAR, DUSTY J., CA
[71] DEAR, DUSTY J., CA
[22] 2017-04-18
[41] 2018-10-18

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[51] **Int.Cl. A61H 15/00 (2006.01) A61H 7/00 (2006.01)**
[25] EN
[54] **DOOR JAM BACK MASSAGER**
[54] **APPAREIL DE MASSAGE DE DOS FIXE A UN MONTANT DE PORTE**
[72] UNKNOWN, ZZ
[71] 1898154 ONTARIO INC., CA
[22] 2017-04-18
[41] 2018-10-18

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[13] A1
[51] **Int.Cl. B25B 21/02 (2006.01) B25B 23/08 (2006.01)**
[25] EN
[54] **SELF STARTING DRIVER**
[54] **PILOTE A DEMARRAGE AUTOMATIQUE**
[72] JOLICOEUR, GHISLAIN, CA
[71] JOLICOEUR, GHISLAIN, CA
[22] 2017-04-18
[41] 2018-10-18
[30] US (15/490,078) 2017-04-18

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[13] A1
[51] **Int.Cl. A01B 73/02 (2006.01) A01C 5/06 (2006.01)**
[25] EN
[54] **MULTI-FUNCTION HYDRAULIC CONTROL OF TOOL CARRIER ASSEMBLY**
[54] **COMMANDE HYDRAULIQUE MULTIFONCTIONNELLE D'APPAREIL PORTEUR D'OUTIL**
[72] FRIGGSTAD, TERRANCE A., CA
[71] PILLAR LASERS INC., CA
[22] 2017-04-18
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[13] A1
[51] **Int.Cl. A01B 73/06 (2006.01) A01C 5/06 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **IMPLEMENT WITH FORWARD FOLDING WING FRAMES**
[54] **ACCESSOIRE DOTE DE STRUCTURES D'AILE PLIANT VERS L'AVANT**
[72] FRIGGSTAD, TERRANCE A., CA
[71] PILLAR LASERS INC., CA
[22] 2017-04-18
[41] 2018-10-18

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[13] A1
[51] **Int.Cl. F16M 11/02 (2006.01)**
[25] EN
[54] **THE POSTIONER**
[54] **LE POSITIONNEUR**
[72] SPENCER, SCOTT, CA
[71] SPENCER, SCOTT, CA
[22] 2017-04-18
[41] 2018-10-18

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[13] A1
[51] **Int.Cl. A23B 4/033 (2006.01) A23L 13/00 (2016.01) A23L 13/60 (2016.01) A23B 4/12 (2006.01)**
[25] EN
[54] **METHODS OF PREPARING MEAT PRODUCTS AND MEAT PRODUCTS THEREFROM**
[54] **METHODES DE PREPARATION DE PRODUITS DE VIANDE ET PRODUITS DE VIANDE OBTENUS DESDITES METHODES**
[72] COHEN, DAVID, CA
[71] COHEN, DAVID, CA
[22] 2017-04-18
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[13] A1
[51] **Int.Cl. A61M 39/10 (2006.01) A61J 15/00 (2006.01) A61M 3/00 (2006.01)**
[25] EN
[54] **ENTERAL FEEDING ADAPTER AND METHOD OF USE**
[54] **ADAPTATEUR D'ALIMENTATION PAR VOIE ENTERALE ET METHODE D'UTILISATION**
[72] HYUN, DONGCHUL D., US
[72] GILES, ANDY, US
[71] MEDELA HOLDING AG, CH
[22] 2017-04-18
[41] 2018-10-18

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[13] A1
[51] **Int.Cl. G01R 29/08 (2006.01) G01R 31/02 (2006.01) G01S 13/88 (2006.01) G06F 17/50 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING ELECTRIC FIELD AND RELATED APPLICATIONS**
[54] **METHODE DE DETERMINATION D'UN CHAMP ELECTRIQUE ET APPLICATIONS CONNEXES**
[72] OKHMATOVSKI, VLADIMIR, CA
[72] HOSSEINI, FARHAD S., CA
[71] UNIVERSITY OF MANITOBA, CA
[22] 2017-04-18
[41] 2018-10-18

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[51] **Int.Cl. C08L 23/08 (2006.01) C08J 5/18 (2006.01) C08L 23/06 (2006.01)**
[25] EN
[54] **MULTI REACTOR SOLUTION POLYMERIZATION, POLYETHYLENE AND POLYETHYLENE FILM**
[54] **POLYMERISATION DE SOLUTION MULTIREACTEUR, POLYETHYLENE ET FILM DE POLYETHYLENE**
[72] WANG, XIAOCHUAN, CA
[72] KAZEMI, NIOUSHA, CA
[72] BROWN, STEPHEN, CA
[72] VAN ASSELDONK, LAWRENCE, CA
[72] SALOMONS, STEPHEN, CA
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2017-04-19
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[51] **Int.Cl. C08F 2/06 (2006.01) C08F 2/01 (2006.01) C08F 4/6592 (2006.01) C08L 23/06 (2006.01) C08L 23/08 (2006.01)**
[25] EN
[54] **MULTI REACTOR SOLUTION POLYMERIZATION**
[54] **POLYMERISATION DE SOLUTION MULTIREACTEUR**
[72] KAZEMI, NIOUSHA, CA
[72] BROWN, STEPHEN, CA
[72] VANASSELDONK, LAWRENCE, CA
[72] WANG, XIAOCHUAN, CA
[72] SALOMONS, STEPHEN, CA
[72] LACOMBE, YVES, CA
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2017-04-19
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[51] **Int.Cl. C08L 23/08 (2006.01) B32B 27/32 (2006.01) C08F 2/01 (2006.01) C08F 2/06 (2006.01) C08F 4/6592 (2006.01) C08J 5/18 (2006.01) C08L 23/06 (2006.01)**
[25] EN
[54] **MEANS FOR INCREASING THE MOLECULAR WEIGHT AND DECREASING THE DENSITY OF ETHYLENE INTERPOLYMERS EMPLOYING HOMOGENEOUS AND HETEROGENEOUS CATALYST FORMULATIONS**
[54] **MECANISMES D'AUGMENTATION DU POIDS MOLECULAIRE ET DE DIMINUTION DE LA DENSITE D'INTERPOLYMERES D'ETHYLENE EMPLOYANT DES FORMULES DE CATALYSEURS HOMOGENES ET HETEROGENES**
[72] ZHANG, ZENGRONG, CA
[72] KAZEMI, NIOUSHA, CA
[72] SALOMONS, STEPHEN, CA
[72] KLECZEK, MONIKA, CA
[72] KESHTKAR, MEHDI, CA
[72] MOLLOY, BRIAN, CA
[72] WANG, QINYAN, CA
[72] ZORICAK, PETER, CA
[72] CARTER, CHARLES, CA
[72] WANG, XIAOCHUAN, CA
[72] DOBBIN, CHRISTOPHER, CA
[72] SIBTAIN, FAZLE, CA
[72] TAYLOR, KENNETH, CA
[72] VANASSELDONK, LAWRENCE, CA
[72] KHAKDAMAN, HAMIDREZA, US
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2017-04-19
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[13] A1
[51] **Int.Cl. A47J 43/20 (2006.01)**
[25] FR
[54] **EVIVE CONTAINER**
[54] **CONTENANT EVIVE**
[72] UNKNOWN, ZZ
[71] DUBE, DOMINIC, CA
[22] 2017-04-18
[41] 2018-10-18

[21] **2,964,570**
[13] A1
[51] **Int.Cl. A45C 1/06 (2006.01)**
[25] EN
[54] **CARD-CASCADING TRIGGER IN A HARD WALLET WITH OPTIONAL NFC & RFID PROTECTION**
[54] **DECLENCHEUR DE CASCADE DE CARTES DANS UN PORTEFEUILLE RIGIDE DOTE D'UNE PROTECTION CCP ET RFID**
[72] EISLER, KURTIS, CA
[71] EISLER, KURTIS, CA
[22] 2017-04-18
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[51] **Int.Cl. C08L 23/08 (2006.01) B32B 27/32 (2006.01) C08F 2/01 (2006.01) C08F 2/06 (2006.01) C08F 4/6592 (2006.01) C08J 5/18 (2006.01) C08L 23/06 (2006.01)**
[25] EN
[54] **MEANS FOR INCREASING THE MOLECULAR WEIGHT AND DECREASING THE DENSITY OF ETHYLENE INTERPOLYMERS EMPLOYING MIXED HOMOGENEOUS CATALYST FORMULATIONS**
[54] **MECANISMES D'AUGMENTATION DU POIDS MOLECULAIRE ET DE DIMINUTION DE LA DENSITE D'INTERPOLYMERES D'ETHYLENE EMPLOYANT DES FORMULES DE CATALYSEURS HOMOGENES MIXTES**
[72] ZHANG, ZENGRONG, CA
[72] KAZEMI, NIOUSHA, CA
[72] SALOMONS, STEPHEN, CA
[72] KLECZEK, MONIKA, CA
[72] KESHTKAR, MEHDI, CA
[72] MOLLOY, BRIAN, CA
[72] WANG, QINYAN, CA
[72] ZORICAK, PETER, CA
[72] CARTER, CHARLES, CA
[72] WANG, XIAOCHUAN, CA
[72] DOBBIN, CHRISTOPHER, CA
[72] SIBTAIN, FAZLE, CA
[72] TAYLOR, KENNETH, CA
[72] VANASSELDONK, LAWRENCE, CA
[72] KHAKDAMAN, HAMIDREZA, US
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2017-04-19
[41] 2018-10-19

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[13] A1
[51] **Int.Cl. A41D 15/00 (2006.01) A41D 1/04 (2006.01) A41D 27/00 (2006.01) A41H 43/00 (2006.01)**
[25] FR
[54] **MIXACTEUR : SYSTEME DE TYPE MODULES UNIVERSELS**
[54] **MIXACTOR: UNIVERSAL MODULES FASHION SYSTEM**
[72] IORDANOV, IORDAN, CA
[71] IORDANOV, IORDAN, CA
[22] 2017-04-19
[41] 2018-10-19

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[13] A1
[51] **Int.Cl. F16H 49/00 (2006.01)**
[25] EN
[54] **MAGNETIC GEARBOXES INCLUDING MAGNETIC GEARS ROTATABLE WITH SEQUENTIAL MAGNETIC LINKAGE BETWEEN THE MAGNETIC GEARS**
[54] **BOITES D'ENGRENAGES MAGNETIQUES COMPORTANT DES ENGRENAGES MAGNETIQUES ROTATIFS A LIAISON MAGNETIQUE SEQUENTIELLE ENTRE LES ENGRENAGES MAGNETIQUES**
[72] WHITFIELD, GEORGE WINSTON, JM
[72] CHIN, HOWARD MARTIN, JM
[71] WHITFIELD, GEORGE WINSTON, JM
[71] CHIN, HOWARD MARTIN, JM
[71] MELHADO, PETER KARL, JM
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[51] **Int.Cl. A61C 15/02 (2006.01) A61C 19/02 (2006.01)**
[25] EN
[54] **TOOTH PICK AND STORING DEVICE THERETO**
[54] **CURE-DENT ET DISPOSITIF DE RANGEMENT ASSOCIE**
[72] LEHTOVAARA, JORMA J., CA
[71] LEHTOVAARA, JORMA J., CA
[22] 2017-04-18
[41] 2018-10-18

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[13] A1
[51] **Int.Cl. C12Q 1/6897 (2018.01) C12N 5/09 (2010.01) C12Q 1/6876 (2018.01) C12N 15/85 (2006.01)**
[25] EN
[54] **TRANSCRIPTIONAL SYSTEM AND USES THEREOF FOR SINGLE CELL DETECTION**
[54] **SYSTEME DE TRANSCRIPTION ET UTILISATIONS ASSOCIEES POUR LA DETECTION DE CELLULE UNIQUE**
[72] POULIOT, FREDERIC, CA
[72] NEVEU, BERTRAND, CA
[72] JAIN, PALLAVI, CA
[71] UNIVERSITE LAVAL, CA
[22] 2017-04-19
[41] 2018-10-19

[21] **2,964,609**
[13] A1
[51] **Int.Cl. A47G 9/10 (2006.01) B68G 5/02 (2006.01)**
[25] EN
[54] **THE POSITIONER**
[54] **LE POSITIONNEUR**
[72] SPENCER, SCOTT, CA
[71] SPENCER, SCOTT, CA
[22] 2017-04-18
[41] 2018-10-18

[21] **2,964,618**
[13] A1
[51] **Int.Cl. F16K 3/314 (2006.01) F16K 3/22 (2006.01) F16K 5/06 (2006.01) F16K 5/08 (2006.01)**
[25] EN
[54] **PRESSURE ASSISTED CONNECTION FOR A VALVE SHAFT**
[54] **RACCORD ASSISTE PAR PRESSION DESTINE A UNE TIGE DE SOUPAPE**
[72] ROBINSON, CAM B., CA
[72] DALE, CURTIS, CA
[71] DYNA-FLO CONTROL VALVE SERVICES LTD., CA
[22] 2017-04-20
[41] 2018-10-20

[21] **2,964,652**
[13] A1
[51] **Int.Cl. B61D 7/16 (2006.01) B61D 7/24 (2006.01)**
[25] EN
[54] **RAILROAD HOPPER CAR BODY FITTINGS**
[54] **RACCORDS DE CORPS DE WAGON-TREMIE FERROVIAIRE**
[72] BIS, TOMASZ, CA
[72] VEIT, OLIVER M., CA
[71] NATIONAL STEEL CAR LIMITED, CA
[22] 2017-04-19
[41] 2018-10-19

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[21] **2,964,698**
[13] A1
[51] **Int.Cl. A61F 2/60 (2006.01) B33Y 10/00 (2015.01) B33Y 50/00 (2015.01) B33Y 80/00 (2015.01) B29C 70/44 (2006.01)**
[25] EN
[54] **THE VANITY LEG**
[54] **LA JAMBE DE COQUETTERIE**
[72] ANDERSON, MICHAEL A., CA
[71] ANDERSON, MICHAEL A., CA
[22] 2017-04-20
[41] 2018-10-20

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[21] **2,964,700**
[13] A1
[51] **Int.Cl. B25G 1/04 (2006.01) A63B 47/02 (2006.01) B25J 1/00 (2006.01)**
[25] EN
[54] **EASY REACH**
[54] **DISPOSITIF DE FACILITATION D'ACCES**
[72] FERENCE, ALEX W., CA
[72] UNKNOWN, ZZ
[71] FERENCE, ALEX W., CA
[22] 2017-04-20
[41] 2018-10-20

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[21] **2,964,706**
[13] A1
[51] **Int.Cl. B61D 5/00 (2006.01) B61H 13/02 (2006.01) B61H 13/34 (2006.01)**
[25] EN
[54] **RAILROAD TANK CAR FITTINGS**
[54] **RACCORDS DE WAGON-CITERNE FERROVIAIRE**
[72] VANDERBY, MAX, CA
[72] BLACK, KENNETH WAYNE, CA
[71] NATIONAL STEEL CAR LIMITED, CA
[22] 2017-04-18
[41] 2018-10-18

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[21] **2,964,725**
[13] A1
[51] **Int.Cl. A47C 7/02 (2006.01) A47C 9/00 (2006.01) A47C 27/18 (2006.01) A63B 23/02 (2006.01)**
[25] EN
[54] **ADJUSTABLE, ASTABLE SEAT FOR INCREASING THE USE OF A USER'S CORE MUSCLES WHILE EXERCISING**
[54] **SIEGE AJUSTABLE INSTABLE DESTINE A AUGMENTER L'UTILISATION DES MUSCLES PRINCIPAUX DE L'UTILISATEUR LORS DE L'EXERCICE**
[72] PIKSA, JELENKO, GB
[71] THANE IP LIMITED, GB
[22] 2017-04-18
[41] 2018-10-18

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[21] **2,964,816**
[13] A1
[51] **Int.Cl. A01K 69/08 (2006.01) A01K 69/06 (2006.01)**
[25] EN
[54] **LOBSTER TRAP**
[54] **PIEGE A HOMARD**
[72] DAUPHINEE, SCOTT WARREN, CA
[71] DAUPHINEE, SCOTT WARREN, CA
[22] 2017-04-20
[41] 2018-10-20

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[21] **2,964,871**
[13] A1
[51] **Int.Cl. E04B 1/94 (2006.01) E04F 13/06 (2006.01) E04F 19/02 (2006.01) F16B 2/20 (2006.01) F16B 2/24 (2006.01)**
[25] EN
[54] **CORNER BEAD CLIP FOR ATTACHING TO STEEL MEMBERS**
[54] **PINCE A CORDON DE COIN DESTINEE A LA FIXATION D'ELEMENTS EN ACIER**
[72] CORMACK, CAMERON LANNING, CA
[71] CALACO SOLUTIONS LTD., CA
[22] 2017-04-18
[41] 2018-10-18

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[21] **2,964,955**
[13] A1
[51] **Int.Cl. B60D 1/28 (2006.01) B62D 53/10 (2006.01)**
[25] EN
[54] **SAFETY DEVICE FOR A TRAILER HITCH AND COMBINATION THEREOF**
[54] **DISPOSITIF DE SECURITE DESTINE A UN ATTELAGE DE REMORQUE ET COMBINAISON ASSOCIEE**
[72] JENNEX, GEORGE WILLIAM, CA
[71] JENNEX & SONS MECHANICAL DESIGN INC., CA
[22] 2017-04-20
[41] 2018-10-20

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[13] A1
[51] **Int.Cl. B65D 75/70 (2006.01)**
[25] EN
[54] **BLISTER PACK OPENER**
[54] **OUVRE-EMBALLAGE A COQUES**
[72] SERVANT, RAYMOND H., CA
[71] SERVANT, RAYMOND H., CA
[22] 2017-04-20
[41] 2018-10-20

[21] **2,970,016**
[13] A1
[51] **Int.Cl. E04B 2/76 (2006.01) A47B 91/02 (2006.01) E04B 2/82 (2006.01) F16M 11/24 (2006.01)**
[25] EN
[54] **LEVELER LEG**
[54] **PATTE DE NIVELEUR**
[72] DEWEERD, JASON, US
[72] WAYNER, ROBERT C., US
[72] KONING, DAVID, US
[72] GLICK, KRISTEN, US
[72] KING, STEVEN J., US
[71] HAWORTH, INC., US
[22] 2017-06-09
[41] 2018-10-14
[30] US (15/487,971) 2017-04-14

[21] **2,970,969**
[13] A1
[51] **Int.Cl. E02D 29/14 (2006.01)**
[25] EN
[54] **FLOATING MANHOLE COVER ASSEMBLY**
[54] **ENSEMBLE DE COUVERCLE DE TROU D'HOMME FLOTTANT**
[72] BONELL, RYAN, US
[72] SHOKOUHI, HASSAN, US
[71] NEENAH FOUNDRY COMPANY, US
[22] 2017-06-15
[41] 2018-10-19
[30] US (15/491,541) 2017-04-19

[21] **2,972,723**
[13] A1
[51] **Int.Cl. B64D 25/18 (2006.01) B63B 43/04 (2006.01) B63B 43/14 (2006.01) B64C 25/56 (2006.01) B64C 25/66 (2006.01)**
[25] EN
[54] **DEPLOYABLE APPARATUS TO PREVENT HELICOPTER ROLLOVER**
[54] **APPAREIL DEPLOYABLE POUR EMPECHER UN TONNEAU D'HELICOPTERE**
[72] POSTER, SCOTT DAVID, US
[72] PERYEA, MARTIN, US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2017-07-06
[41] 2018-10-19
[30] US (15/491,483) 2017-04-19

[21] **2,973,274**
[13] A1
[51] **Int.Cl. E04H 4/08 (2006.01) A61H 33/00 (2006.01)**
[25] EN
[54] **SPA COVER-LIFTING APPARATUS AND METHOD**
[54] **APPAREIL DE SOULEVEMENT DE COUVRE-SPA ET METHODE**
[72] CARGILL, BOYD B., US
[72] BRAZIL, CAROLYN, US
[72] CARDENAS, OSCAR, US
[72] VANDERPOOL, RICHARD J., US
[71] CARGILL, BOYD B., US
[71] BRAZIL, CAROLYN, US
[71] CARDENAS, OSCAR, US
[71] VANDERPOOL, RICHARD J., US
[22] 2017-07-14
[41] 2018-10-17
[30] US (15607000) 2017-05-26
[30] US (62486052) 2017-04-17

[21] **2,975,185**
[13] A1
[51] **Int.Cl. A44C 17/02 (2006.01) A44C 17/04 (2006.01)**
[25] EN
[54] **MAGNIFIED-LOOK DIAMOND JEWELRY**
[54] **BIJOU A DIAMANT A EFFET VISUEL AUGMENTE**
[72] DHOLAKIYA, HASU, US
[71] H.K. DESIGNS INC., US
[22] 2017-08-02
[41] 2018-10-20
[30] US (15/492,068) 2017-04-20

[21] **2,979,000**
[13] A1
[51] **Int.Cl. F24H 9/20 (2006.01) F24H 1/10 (2006.01)**
[25] EN
[54] **ULTRA-LOW FLOW ELECTRIC TANKLESS WATER HEATER**
[54] **CHAUFFE-EAU ELECTRIQUE SANS RESERVOIR A ECOULEMENT TRES LENT**
[72] FABRIZIO, EDWARD VINCENT, US
[71] CHRONOMITE LABORATORIES, INC., US
[22] 2017-09-12
[41] 2018-10-14
[30] US (15/488043) 2017-04-14

[21] **2,984,240**
[13] A1
[51] **Int.Cl. F01N 5/02 (2006.01) B65D 88/74 (2006.01) E21B 41/00 (2006.01) F02G 5/02 (2006.01) F24H 1/00 (2006.01) F28D 7/00 (2006.01)**
[25] EN
[54] **SOUND ATTENUATING EXHAUST ASSEMBLY**
[54] **ENSEMBLE DE SYSTEME D'ECHAPPEMENT ATTENUANT LE SON**
[72] RIVARD, RUSSELL, CA
[72] WEHR, DANIEL, CA
[71] PIVOTAL RECOVERY INC., CA
[22] 2017-10-30
[41] 2018-10-20
[30] US (62/487,810) 2017-04-20

[21] **2,988,950**
[13] A1
[51] **Int.Cl. F17D 3/01 (2006.01) F17D 1/04 (2006.01) F17D 3/18 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM IN AN INDUSTRIAL GAS PIPELINE NETWORK TO SATISFY ENERGY CONSUMPTION CONSTRAINTS AT PRODUCTION PLANTS**
[54] **SYSTEME DE CONTROLE DANS UN RESEAU INDUSTRIEL DE CANALISATIONS DE GAZ VISANT A SATISFAIRE DES CONTRAINTES DE CONSOMMATION ENERGETIQUE DANS LES USINES DE PRODUCTION**
[72] MANCILLA, CAMILO, US
[72] ESMAILI, ALI, US
[72] ISOM, JOSHUA DAVID, US
[72] LATSHAW, CATHERINE CATINO, US
[72] SMITH, OLIVER JACOB, IV, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2017-12-13
[41] 2018-10-18
[30] US (15/490,308) 2017-04-18

[21] **2,988,960**
[13] A1
[51] **Int.Cl. F17D 3/01 (2006.01) F17D 1/04 (2006.01) F17D 3/18 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM IN A GAS PIPELINE NETWORK TO INCREASE CAPACITY FACTOR**
[54] **SYSTEME DE CONTROLE D'UN RESEAU DE CANALISATIONS DE GAZ VISANT A AUGMENTER UN FACTEUR DE CAPACITE**
[72] ESMAILI, ALI, US
[72] LATSHAW, CATHERINE CATINO, US
[72] GUTER, ERIC J., US
[72] ISOM, JOSHUA DAVID, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2017-12-13
[41] 2018-10-18
[30] US (15/490,394) 2017-04-18

[21] **2,988,961**
[13] A1
[51] **Int.Cl. F17D 3/01 (2006.01) F17D 1/04 (2006.01) F17D 3/18 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM IN A GAS PIPELINE NETWORK TO SATISFY DEMAND CONSTRAINTS**
[54] **SYSTEME DE CONTROLE D'UN RESEAU DE CANALISATIONS DE GAZ VISANT A SATISFAIRE LES CONTRAINTES DE DEMANDE**
[72] LATSHAW, CATHERINE CATINO, US
[72] ESMAILI, ALI, US
[72] ISOM, JOSHUA DAVID, US
[72] MANCILLA, CAMILO, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2017-12-13
[41] 2018-10-18
[30] US (15/490,344) 2017-04-18

[21] **2,988,965**
[13] A1
[51] **Int.Cl. F17D 3/01 (2006.01) F17D 1/04 (2006.01) F17D 3/18 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM IN A GAS PIPELINE NETWORK TO SATISFY PRESSURE CONSTRAINTS**
[54] **SYSTEME DE CONTROLE D'UN RESEAU DE CANALISATIONS DE GAZ VISANT A SATISFAIRE LES CONTRAINTES DE PRESSION**
[72] MANCILLA, CAMILO, US
[72] ISOM, JOSHUA DAVID, US
[72] ESMAILI, ALI, US
[72] SINGH, SUYASH, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2017-12-13
[41] 2018-10-18
[30] US (15/490,268) 2017-04-18

[21] **2,991,385**
[13] A1
[51] **Int.Cl. B64C 25/10 (2006.01) B64C 25/12 (2006.01) B64C 25/60 (2006.01)**
[25] EN
[54] **AIRCRAFT LANDING GEAR ASSEMBLY AND METHOD OF ASSEMBLING THE SAME**
[54] **ASSEMBLAGE DE TRAIN D'ATTERRISSAGE D'AERONEF ET METHODE D'ASSEMBLAGE DUDIT ASSEMBLAGE**
[72] COTTET, JUSTIN, US
[72] SONNENBURG, GEORGE, US
[72] CUSWORTH, JAMES, US
[71] THE BOEING COMPANY, US
[22] 2018-01-08
[41] 2018-10-18
[30] US (15/490,440) 2017-04-18

[21] **2,991,819**
[13] A1
[51] **Int.Cl. C22C 19/05 (2006.01) B23P 6/00 (2006.01) C22C 30/00 (2006.01)**
[25] EN
[54] **LAYERED ASSEMBLIES FOR SUPERALLOY ARTICLE REPAIR**
[54] **ASSEMBLAGES SUPERPOSES DESTINES A LA REPARATION D'ARTICLE EN SUPERALLIAGE**
[72] BELHADJHAMIDA, ABDELHAKIM, CA
[72] MEYER, MICHAEL, US
[72] PEREZ, MARTIN G., US
[72] ZHENG, QINGJUN, US
[71] KENNAMETAL INC., US
[22] 2018-01-12
[41] 2018-10-20
[30] US (15/492413) 2017-04-20

[21] **2,992,127**
[13] A1
[51] **Int.Cl. B29C 70/44 (2006.01) B64F 5/10 (2017.01) B64C 1/06 (2006.01) B64C 3/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ASSEMBLING ELONGATE COMPOSITE STRUCTURES**
[54] **SYSTEMES ET METHODES D'ASSEMBLAGE DE STRUCTURES COMPOSITES ALLONGEES**
[72] ROTTER, DANIEL M., US
[72] COXON, BRAD A., US
[72] FORSTON, GABRIEL ZANE, US
[72] REEVES, JAKE ADAM, US
[72] PHAM, KHANH MAI, US
[72] METSCHAN, STEPHEN LEE, US
[72] SHEPHARD, PATRICK, US
[72] MORRIS, JOHN DEMPSEY, US
[72] HANSEN, STEVEN PHILIP, US
[72] DODGSON, BRIAN, US
[71] THE BOEING COMPANY, US
[22] 2018-01-16
[41] 2018-10-19
[30] US (15/491,101) 2017-04-19

[21] **2,993,237**
[13] A1
[51] **Int.Cl. F16L 55/10 (2006.01) F16L 41/04 (2006.01) F16L 55/11 (2006.01)**
[25] EN
[54] **PUSH PLUG TYPE LINE STOP BRANCH ASSEMBLY**
[54] **ASSEMBLAGE DE BRANCHE D'ARRET DE LIGNE DE TYPE BOUCHON-POUSSOIR**
[72] PIONTEK, DARYL M., US
[72] FONTES, RICHARD J., US
[71] TOTAL PIPING SOLUTIONS, INC., US
[22] 2018-01-29
[41] 2018-10-20
[30] US (15/492,407) 2017-04-20

[21] **2,996,104**
[13] A1
[51] **Int.Cl. H04L 29/14 (2006.01) H04L 12/40 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF MONITORING DATA TRAFFIC ON A MIL-STD-1553 DATA BUS**
[54] **SYSTEME ET METHODE DE SURVEILLANCE DU TRAFIC DE DONNEES SUR UN BUS DE DONNEES MIL-STD-1553**
[72] ECKHARDT, JOSH D., US
[72] DONOFRIO, THOMAS E., US
[72] SERAG, KHALED, US
[71] THE BOEING COMPANY, US
[22] 2018-02-22
[41] 2018-10-20
[30] US (15/493022) 2017-04-20

[21] **2,996,127**
[13] A1
[51] **Int.Cl. H04B 10/40 (2013.01) H04B 10/272 (2013.01)**
[25] EN
[54] **SINGLE-FIBER BIDIRECTIONAL CONTROLLER AREA NETWORK BUS**
[54] **BUS RESEAU A ZONE DE CONTROLEUR BIDIRECTIONNEL MONOFIBRE**
[72] TRUONG, TUONG K., US
[72] KOSHINZ, DENNIS G., US
[72] CHAN, ERIC Y., US
[72] NGUYEN, KIM QUAN ANH, US
[72] RAMEY, SEAN M., US
[72] JACKSON, TIMOTHY E., US
[72] PANG, BARKHUNG HENRY, US
[71] THE BOEING COMPANY, US
[22] 2018-02-22
[41] 2018-10-18
[30] US (15/489810) 2017-04-18

[21] **2,996,931**
[13] A1
[51] **Int.Cl. G02C 9/04 (2006.01) G02C 7/14 (2006.01)**
[25] EN
[54] **FIELD OF VIEW ENLARGING CLIP-ON MIRROR FOR USE IN COMBINATION WITH EYEWEAR**
[54] **MIROIR A PINCE AGRANDISSANT LE CHAMP DE VISION DESTINE A UNE UTILISATION AVEC DES LUNETTES**
[72] GALLANT, TERRY, CA
[71] GALLANT, TERRY, CA
[22] 2018-03-01
[41] 2018-10-17
[30] CA (1706039.3) 2017-04-17

[21] **2,997,088**
[13] A1
[51] **Int.Cl. H03H 7/46 (2006.01) H02H 9/00 (2006.01) H04M 11/06 (2006.01)**
[25] EN
[54] **SIGNAL SPLITTER/COMBINER WITH AN ELECTRO-MAGNETIC INTERFERENCE FILTER**
[54] **DIVISEUR/COMBINEUR DE SIGNAUX DOTE D'UN FILTRE D'INTERFERENCE ELECTROMAGNETIQUE**
[72] DELAY, SHAWN M., CA
[72] FARRELL, RODERICK A., CA
[72] TODORIC, SAVO, CA
[72] ADAMS, RUSSELL D., US
[72] BAIN, DAVID, CA
[72] MALENICA, ANNA, CA
[72] FRY, WILLIAM, CA
[71] COMTEST NETWORKS INC., CA
[22] 2018-03-02
[41] 2018-10-17
[30] US (62/486,239) 2017-04-17
[30] US (15/706,270) 2017-09-15

[21] **2,997,970**
[13] A1
[51] **Int.Cl. G06N 99/00 (2010.01) G06F 15/18 (2006.01)**
[25] EN
[54] **QUANTUM COMPUTING MACHINE LEARNING MODULE**
[54] **MODULE D'APPRENTISSAGE MACHINE INFORMATIQUE QUANTIQUE**
[72] DUKATZ, CARL MATTHEW, US
[72] GARRISON, DANIEL, US
[72] FORRESTER, LASCELLES, US
[72] HOLLENBECK, COREY, US
[71] ACCENTURE GLOBAL SOLUTIONS LIMITED, GB
[22] 2018-03-12
[41] 2018-10-19
[30] US (15/491,852) 2017-04-19

[21] **2,998,071**
[13] A1
[51] **Int.Cl. B60H 1/22 (2006.01)**
[25] EN
[54] **VEHICLE HEATER**
[54] **APPAREIL DE CHAUFFAGE DE VEHICULE**
[72] HUMBURG, MICHAEL, DE
[72] JENSEN, HANS, DE
[71] EBERSPACHER CLIMATE CONTROL SYSTEMS GMBH & CO. KG, DE
[22] 2018-03-13
[41] 2018-10-18
[30] DE (102017108151.8) 2017-04-18

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[13] A1
[51] **Int.Cl. A61L 27/56 (2006.01) B33Y 50/00 (2015.01) B33Y 80/00 (2015.01) A61F 2/28 (2006.01) A61L 27/40 (2006.01)**
[25] EN
[54] **3-D PRINTING OF POROUS IMPLANTS**
[54] **IMPRESSION 3D D'IMPLANTS POREUX**
[72] WEI, GUOBAO, US
[71] WARSAW ORTHOPEDIC, INC., US
[22] 2018-03-15
[41] 2018-10-18
[30] US (15/490,380) 2017-04-18

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[21] **2,998,436**
[13] A1
[51] **Int.Cl. H04L 12/26 (2006.01) H04L 12/751 (2013.01) H04L 29/14 (2006.01)**
[25] EN
[54] **NETWORK STATUS EVALUATION**
[54] **EVALUATION DE L'ETAT DU RESEAU**
[72] O'BRIEN, CHRIS, US
[72] LI, LAN, US
[72] MATEJKA, RICK, US
[72] ZATYLNY, KARLO, US
[71] SOLARWINDS WORLDWIDE, LLC, US
[22] 2018-03-19
[41] 2018-10-14
[30] US (15/487,709) 2017-04-14

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[13] A1
[51] **Int.Cl. A01G 23/083 (2006.01) A01G 23/085 (2006.01) F16C 11/06 (2006.01)**
[25] EN
[54] **LOG PROCESSING HEAD**
[54] **TETE DE TRAITEMENT DE BILLOT**
[72] ALFTHAN, ARTO, DE
[72] PALMROTH, LAURI, DE
[71] WARATAH OM OY, FI
[22] 2018-03-22
[41] 2018-10-20
[30] EP (17167284.3) 2017-04-20

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[13] A1
[51] **Int.Cl. A47D 13/04 (2006.01) A47D 13/06 (2006.01)**
[25] EN
[54] **WALKER ASSEMBLY**
[54] **ENSEMBLE DE DEAMBULATEUR**
[72] RICHTER, COREY L., CA
[71] RICHTER, COREY L., CA
[22] 2018-03-23
[41] 2018-10-17
[30] US (15/489,550) 2017-04-17

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[13] A1
[51] **Int.Cl. B29C 64/393 (2017.01)**
[25] EN
[54] **3D PRINTING OF MESH IMPLANTS FOR BONE DELIVERY**
[54] **IMPRESSION 3D D'IMPLANTS MAILLES DESTINEE A LA PRODUCTION D'UN OS**
[72] WEI, GUOBAO, US
[71] WARSAW ORTHOPEDIC, INC., US
[22] 2018-03-26
[41] 2018-10-18
[30] US (15/490447) 2017-04-18

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[21] **2,999,451**
[13] A1
[51] **Int.Cl. F24F 1/56 (2011.01) F24F 1/48 (2011.01)**
[25] EN
[54] **AN OUTDOOR UNIT AND AN AIR CONDITIONER HAVING THE SAME**
[54] **UN MODULE EXTERIEUR ET UN CONDITIONNEUR D'AIR COMPORTANT LEDIT MODULE**
[72] YAMADA, TORU, JP
[72] YAMADA, NORIYOSHI, JP
[72] HASHIMOTO, YUTA, JP
[71] HITACHI-JOHNSON CONTROLS AIR CONDITIONING, INC., JP
[22] 2018-03-27
[41] 2018-10-14
[30] JP (2017-080386) 2017-04-14

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[21] **2,999,663**
[13] A1
[51] **Int.Cl. G06F 8/65 (2018.01) G06F 17/00 (2006.01)**
[25] EN
[54] **DISTRIBUTED INCREMENTAL UPDATING OF TRAYS USING A SOURCE CONTROL SYSTEM**
[54] **MISE A JOUR INCREMENTIELLE DISTRIBUEE DE PLATEAUX AU MOYEN D'UN SYSTEME DE CONTROLE DE SOURCE**
[72] NORRIS, JEREMY, US
[71] SERVICENOW, INC., US
[22] 2018-03-29
[41] 2018-10-19
[30] US (15/491,260) 2017-04-19

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[13] A1
[51] **Int.Cl. G06F 9/44 (2018.01)**
[25] EN
[54] **SYSTEM FOR ACCESSING A KERNEL SPACE OF AN OPERATING SYSTEM WITH ACCESS CONTROL FUNCTIONALITY**
[54] **SYSTEME D'ACCES A UN ESPACE DE NOYAU D'UN SYSTEME FONCTIONNEL DOTE D'UNE FONCTIONNALITE DE CONTROLE D'ACCES**
[72] NORRIS, JEREMY, US
[71] SERVICENOW, INC., US
[22] 2018-03-29
[41] 2018-10-19
[30] US (15/491,232) 2017-04-19

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[13] A1
[51] **Int.Cl. A01D 47/00 (2006.01) A01D 41/06 (2006.01)**
[25] EN
[54] **A HEADER WITH A CROP DIVIDER DISC**
[54] **UN BEC CUEILLEUR DOTE D'UN DISQUE SEPARATEUR DE RECOLTE**
[72] MOSEL, DANE AUSTIN, US
[72] NAFZIGER, BRENDON CHARLES, US
[72] JENNINGS, JARRED MARLEY, US
[71] AGCO CORPORATION, US
[22] 2018-04-03
[41] 2018-10-18
[30] US (62/486,496) 2017-04-18

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[13] A1
[51] **Int.Cl. F02C 7/06 (2006.01) F01D 25/16 (2006.01) F01D 25/28 (2006.01) F02C 7/20 (2006.01)**
[25] EN
[54] **SUPPORT ASSEMBLY HAVING VARIABLE STIFFNESS MEMBER**
[54] **ASSEMBLAGE DE SUPPORT DOTE D'UN ELEMENT DE RENFORT VARIABLE**
[72] AC, SHIVARAM, IN
[72] BURAVALLA, VIDYASHANKAR RAMASASTRY, IN
[72] GANIGER, RAVINDRA SHANKAR, IN
[72] GHOSH, SHUVAJYOTI, IN
[72] JOSHI, AKASH, IN
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-04-05
[41] 2018-10-14
[30] IN (201741013386) 2017-04-14

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[13] A1
[51] **Int.Cl. G09F 9/33 (2006.01) H01L 33/50 (2010.01) B82Y 20/00 (2011.01) G02B 27/01 (2006.01) G02F 2/02 (2006.01)**
[25] EN
[54] **NIGHT VISION COMPATIBLE AVIONICS DISPLAY**
[54] **AFFICHEUR D'AVIONIQUE COMPATIBLE AVEC LA VISION NOCTURNE**
[72] MEYERS, MARK MARSHALL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-04-05
[41] 2018-10-19
[30] US (15/491,815) 2017-04-19

[21] **3,000,387**
[13] A1
[51] **Int.Cl. F02C 7/22 (2006.01) F23R 3/28 (2006.01)**
[25] EN
[54] **TRANSFER TUBE MANIFOLD WITH INTEGRATED PLUGS**
[54] **COLLECTEUR DE TUBE DE TRANSFERT DOTE DE BOUCHONS INTEGRES**
[72] MORENKO, OLEG, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-04-04
[41] 2018-10-20
[30] US (15/492,255) 2017-04-20

[21] **3,000,436**
[13] A1
[51] **Int.Cl. A61M 5/42 (2006.01) A61M 5/32 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **SELF-ANESTHETIZING HYPODERMIC NEEDLE SYSTEM AND METHOD OF USING SAME**
[54] **SYSTEME D'AIGUILLE HYPODERMIQUE AUTO-ANESTHESIANTE ET METHODE D'UTILISATION ASSOCIEE**
[72] CHU, EMILY, US
[72] CHU, C. PERRY, US
[71] CHU, EMILY, US
[71] CHU, C. PERRY, US
[22] 2018-04-05
[41] 2018-10-18
[30] US (15/490548) 2017-04-18

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[13] A1
[51] **Int.Cl. F17D 3/18 (2006.01) A61M 16/08 (2006.01) A61M 16/20 (2006.01) F17D 1/04 (2006.01) F17D 3/01 (2006.01) H04W 4/38 (2018.01) G01F 1/32 (2006.01)**
[25] FR
[54] **GAS DISTRIBUTION SOCKET CONNECTED TO AN INTEGRATED FLOW SENSOR**
[54] **PRISE DE DISTRIBUTION DE GAZ CONNECTEE A DEBITMETRE INTEGRE**
[72] DUDRET, STEPHANE, FR
[72] PIGASSOU, JEANNE, FR
[72] BOEUF, FRANCK, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[71] AIR LIQUIDE SANTE (INTERNATIONAL), FR
[22] 2018-04-09
[41] 2018-10-19
[30] FR (17 53 382) 2017-04-19

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[13] A1
[51] **Int.Cl. F16L 47/03 (2006.01) F16L 47/28 (2006.01) F16L 47/34 (2006.01) H05B 3/00 (2006.01)**
[25] EN
[54] **HEATING ELEMENT GEOMETRY FOR USE IN A TAPPING SADDLE**
[54] **GEOMETRIE D'ELEMENT CHAUFFANT DESTINE A UN COL DE PRISE**
[72] HUSSY, JONAS, CH
[72] PETRY, DIRK, CH
[72] HABLUTZEL, EDWIN, CH
[71] GEORG FISCHER WAVIN AG, CH
[22] 2018-04-09
[41] 2018-10-20
[30] EP (17 167 392.4) 2017-04-20

[21] **3,000,698**
[13] A1
[51] **Int.Cl. B05C 21/00 (2006.01)**
[25] EN
[54] **ADHESIVE EDGING STRING**
[54] **CORDON DE BORDURE ADHESIF**
[72] STRIESSNIG, BENJAMIN S., CA
[71] STRIMAC HOLDING CORP., CA
[22] 2018-04-10
[41] 2018-10-20
[30] US (62/487,518) 2017-04-20

[21] **3,000,722**
[13] A1
[51] **Int.Cl. E03F 7/00 (2006.01) E02D 29/12 (2006.01)**
[25] EN
[54] **CURB BOX AND METHOD**
[54] **BOITE COURBE ET METHODE**
[72] VENTRICE, DOMENIC, CA
[71] FLEXTEXX INC., CA
[22] 2018-04-09
[41] 2018-10-18
[30] US (62/486,723) 2017-04-18

[21] **3,000,723**
[13] A1
[51] **Int.Cl. B28D 7/02 (2006.01) B23D 45/06 (2006.01) B23Q 11/10 (2006.01) B28D 1/04 (2006.01) B28D 7/04 (2006.01)**
[25] EN
[54] **TILE SAW**
[54] **SCIE A CARREAUX**
[72] HART, MICHAEL R., US
[72] DUTTERER, DAVID E., US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[22] 2018-04-10
[41] 2018-10-14
[30] US (15/487,840) 2017-04-14

[21] **3,000,737**
[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 44/00 (2006.01) E21B 47/00 (2012.01) E21B 47/02 (2006.01)**
[25] EN
[54] **AZIMUTHAL MIRROR AVERAGING IN A WELLBORE**
[54] **CALCUL DE MOYENNE DE MIROIR AZIMUTAL DANS UN TROU DE FORAGE**
[72] VIENS, CHRISTOPHER, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
[22] 2018-04-10
[41] 2018-10-17
[30] US (15/489256) 2017-04-17

[21] **3,000,928**
[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01) G01N 7/04 (2006.01)**
[25] EN
[54] **MODELING METHOD FOR GAS PRODUCTION OF CBM RESERVOIR ROCKS**
[54] **METHODE DE MODELISATION DE PRODUCTION DE GAZ DES ROCHES DE RESERVOIR DE METHANE GAZEUX DE LIT DE CHARBON**
[72] KIM, KI HONG, KR
[72] HAN, JEONG MIN, KR
[72] SO, YOUNG SEOK, KR
[72] KANG, IL OH, KR
[72] SEO, JUN WOO, KR
[71] KOREA GAS CORPORATION, KR
[22] 2018-04-11
[41] 2018-10-20
[30] KR (KR10-2017-0050909) 2017-04-20

[21] **3,001,024**
[13] A1
[51] **Int.Cl. H01M 8/0273 (2016.01)**
[25] EN
[54] **FUEL CELL**
[54] **PILE A COMBUSTIBLE**
[72] SATO, KENJI, JP
[72] OKADA, SACHIO, JP
[72] KADONO, HIDEYA, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-04-11
[41] 2018-10-17
[30] JP (2017-081042) 2017-04-17

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[13] A1
[51] **Int.Cl. F21S 10/04 (2006.01) F24C 15/06 (2006.01) F24D 13/00 (2006.01)**
[25] EN
[54] **FLAME SIMULATING ASSEMBLY**
[54] **ENSEMBLE DE SIMULATION DE FLAMMES**
[72] GALLO, IGNAZIO, CA
[72] JACH, MICHAEL, CA
[71] GLEN DIMPLEX AMERICAS LIMITED, CA
[22] 2018-04-11
[41] 2018-10-18
[30] US (15/490,395) 2017-04-18

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[13] A1
[51] **Int.Cl. A61F 2/30 (2006.01) A61F 2/38 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **ORTHOPAEDIC IMPLANT WITH BONDED POROUS MATERIAL**
[54] **IMPLANT ORTHOPEDIQUE COMPORTANT UN MATERIAU POREUX LIE**
[72] STALCUP, GREGORY C., US
[72] NEBOSKY, PAUL S., US
[71] SMED-TA/TD, LLC, US
[22] 2018-04-11
[41] 2018-10-14
[30] US (62/485610) 2017-04-14

[21] **3,001,221**
[13] A1
[51] **Int.Cl. F23G 5/44 (2006.01) F23G 5/18 (2006.01) F23G 5/26 (2006.01)**
[25] EN
[54] **HYBRID COMBUSTION APPARATUS USING PYROLYSIS OF WATER AND COMBUSTION AIR**
[54] **APPAREIL DE COMBUSTION HYBRIDE EMPLOYANT LA PYROLYSE DE L'EAU ET L'AIR DE COMBUSTION**
[72] KWEON, EUNG DU, KR
[72] CHAE, JAE OU, KR
[71] KWEON, EUNG DU, KR
[71] CHAE, JAE OU, KR
[22] 2018-04-12
[41] 2018-10-20
[30] KR (10-1017-0050728) 2017-04-20

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[13] A1
[51] **Int.Cl. B65D 43/02 (2006.01) B65D 51/16 (2006.01) B65D 55/02 (2006.01)**
[25] EN
[54] **CONTAINER SYSTEM**
[54] **SYSTEME DE CONTENANT**
[72] CARLTON, KEITH, CA
[72] CARLTON, OLIVER, CA
[72] CARLTON, HANNAH, CA
[71] CARLTON, KEITH, CA
[71] CARLTON, OLIVER, CA
[71] CARLTON, HANNAH, CA
[22] 2018-04-12
[41] 2018-10-18
[30] US (15490122) 2017-04-18

[21] **3,001,354**
[13] A1
[51] **Int.Cl. B26D 3/16 (2006.01)**
[25] EN
[54] **CUTTING TOOL**
[54] **OUTIL DE COUPE**
[72] JENKINS, J. LUKE, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[22] 2018-04-13
[41] 2018-10-14
[30] US (62/485,437) 2017-04-14

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[13] A1
[51] **Int.Cl. A61K 38/16 (2006.01) A61K 38/08 (2006.01) A61K 38/10 (2006.01) A61P 1/16 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **THERAPY OF ATHEROSCLEROSIS, PRIMARY BILIARY CIRRHOSIS AND NRLP3 INFLAMMASOME-ASSOCIATED DISEASE BY HTCP INHIBITORS**
[54] **THERAPIE DESTINEE A L'ATHEROSCLEROSE, LA CIRRHOSE BILIAIRE PRIMAIRE ET LA MALADIE ASSOCIEE A L'INFLAMMASOME NRLP3 AU MOYEN D'INHIBITEURS DE HTCP**
[72] ALEXANDROV, ALEXANDER, DE
[71] MYR GMBH, DE
[22] 2018-04-13
[41] 2018-10-18
[30] EP (17 166 828.8) 2017-04-18

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[13] A1
[51] **Int.Cl. E05B 83/12 (2014.01) E05B 83/02 (2014.01) B61D 19/00 (2006.01)**
[25] EN
[54] **RAILCAR DOOR LOCKING PIN AND RECEIVER**
[54] **TIGE DE VERROUILLAGE DE PORTE DE WAGON ET RECEPTEUR**
[72] CENCER, ROBERT J., US
[71] TRINITY NORTH AMERICAN FREIGHT CAR, INC., US
[22] 2018-04-13
[41] 2018-10-18
[30] US (62/486,775) 2017-04-18

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[13] A1
[51] **Int.Cl. F16K 11/07 (2006.01)**
[25] EN
[54] **MIXING VALVE ARRANGEMENT FOR A HYDRAULIC SYSTEM, INCLUDING AN OIL COOLING SYSTEM AND COMPRESSOR SYSTEM**
[54] **ARRANGEMENT DE VANNE DE MELANGE DESTINE A UN SYSTEME HYDRAULIQUE, Y COMPRIS UN SYSTEME DE REFROIDISSEMENT D'HUILE ET UN SYSTEME DE COMPRESSEUR**
[72] KLAUS, FRANK GEORG, DE
[72] THOMES, ULRICH, DE
[72] HENN, NICOLAS, DE
[71] GARDNER DENVER DEUTSCHLAND GMBH, DE
[22] 2018-04-13
[41] 2018-10-18
[30] DE (10 2017 108 186.0) 2017-04-18

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[13] A1
[51] **Int.Cl. B65D 88/54 (2006.01) B65D 88/10 (2006.01)**
[25] EN
[54] **A BAFFLED FLUID CONTAINER ASSEMBLY**
[54] **UN ENSEMBLE DE CONTENANT DE FLUIDE A CHICANES**
[72] COX, CLAY, US
[71] COX, CLAY, US
[22] 2018-04-13
[41] 2018-10-20
[30] US (62/487,572) 2017-04-20
[30] US (62/524,775) 2017-06-26
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[13] A1
[51] **Int.Cl. A61M 36/04 (2006.01) A61K 51/02 (2006.01) A61M 36/00 (2006.01)**
[25] EN
[54] **RUBIDIUM ELUTION SYSTEM**
[54] **SYSTEME D'ELUTION DU RUBIDIUM**
[72] LEFORT, ETIENNE, CA
[72] TEOLI, VINCENZO, CA
[72] DEKEMP, ROBERT A., CA
[72] KLEIN, RAN, CA
[71] JUBILANT DRAXIMAGE INC., CA
[71] OTTAWA HEART INSTITUTE RESEARCH CORPORATION, CA
[22] 2018-04-13
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[30] US (62/485,420) 2017-04-14

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[13] A1
[51] **Int.Cl. B23K 7/10 (2006.01)**
[25] EN
[54] **SPARK CAPTURE SYSTEM FOR USE WITH CUTTING TORCH**
[54] **SYSTEME DE CAPTURE D'ETINCELLE DESTINE A UNE TORCHE DE COUPE**
[72] SORKIN, FELIX, US
[71] SORKIN, FELIX, US
[22] 2018-04-13
[41] 2018-10-14
[30] US (62/485,483) 2017-04-14

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[13] A1
[51] **Int.Cl. E04F 11/18 (2006.01) F16B 9/00 (2006.01)**
[25] EN
[54] **BALUSTER CONNECTOR APPARATUS AND METHOD**
[54] **APPAREILLAGE DE RACCORDEMENT DE BALUSTRE ET METHODE**
[72] BERGMAN, RICHARD, CA
[71] BERGMAN, RICHARD, CA
[22] 2018-04-16
[41] 2018-10-14
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[13] A1
[51] **Int.Cl. F04B 53/16 (2006.01) F04B 17/00 (2006.01) F04B 53/14 (2006.01) F04B 53/18 (2006.01)**
[25] EN
[54] **PUMP**
[54] **POMPE**
[72] GILPATRICK, RICHARD JAMES, US
[72] ALEXANDER, GUS, US
[72] KOLICHESKI, PAULO ROGERIO FUNK, US
[71] FNA GROUP, INC., US
[22] 2018-04-16
[41] 2018-10-17
[30] US (62/486,146) 2017-04-17

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[51] **Int.Cl. B22D 17/30 (2006.01) B22D 17/22 (2006.01) B22D 17/26 (2006.01)**
[25] EN
[54] **DIE-CASTING PISTON**
[54] **PISTON DE COULAGE SOUS PRESSION**
[72] VIDA, GABRIEL, DE
[72] KANZOK, GERHARD, DE
[71] WIELAND-WERKE AG, DE
[22] 2018-04-16
[41] 2018-10-15
[30] DE (102017003693.4) 2017-04-15

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[13] A1
[51] **Int.Cl. C08L 77/00 (2006.01)**
[25] EN
[54] **POLYAMIDE MOULDING COMPOUND AND MOULDED ARTICLES PRODUCED THEREFROM**
[54] **COMPOSE DE MOULAGE EN POLYAMIDE ET ARTICLES MOULES PRODUITS A PARTIR DUDIT COMPOSE**
[72] SCHUBERT, CHRISTIAN, CH
[72] HOFFMANN, BOTHO, CH
[72] BAYER, ANDREAS, CH
[71] EMS-PATENT AG, CH
[22] 2018-04-16
[41] 2018-10-18
[30] EP (17 166 917.9) 2017-04-18

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[13] A1
[51] **Int.Cl. B65D 51/24 (2006.01)**
[25] EN
[54] **SLIDE CUTTER BOX**
[54] **BOITE A COUTEAU LATERAL**
[72] SMITH, AMY FRANCES, US
[72] KAMIRE, YASHPAL RAJENDRA, US
[72] BLYTHE, JAMES S., US
[72] POURIAN, NEEMA, US
[72] MCINTOSH, ZACHARY J., US
[72] REISER, KATHERINE A., US
[72] PADILLA, JOSE L., US
[71] REYNOLDS CONSUMER PRODUCTS LLC, US
[22] 2018-04-16
[41] 2018-10-20
[30] US (62/488,023) 2017-04-20
[30] US (15/722,575) 2017-10-02

[21] **3,001,605**
[13] A1
[51] **Int.Cl. B66B 17/26 (2006.01) B66B 17/08 (2006.01)**
[25] EN
[54] **SKIP DUMP SYSTEM**
[54] **SYSTEME DE BENNE A SAUT**
[72] KOEKEMOER, FRANCOIS, ZA
[71] FLSMIDTH A/S, DK
[22] 2018-04-16
[41] 2018-10-18
[30] US (62/486482) 2017-04-18

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[13] A1
[51] **Int.Cl. H02M 7/04 (2006.01) F24F 1/20 (2011.01) F24F 11/88 (2018.01) F25B 49/02 (2006.01) H02M 1/08 (2006.01) H02M 5/42 (2006.01) H02P 27/00 (2006.01)**
[25] EN
[54] **POWER SUPPLY APPARATUS**
[54] **APPAREIL D'ALIMENTATION ELECTRIQUE**
[72] ISHIDA, KEIICHI, JP
[72] ISHIGAYA, AKIHIRO, JP
[72] YOSHIMURA, MASAYUKI, JP
[71] TOSHIBA CARRIER CORPORATION, JP
[22] 2018-04-17
[41] 2018-10-17
[30] JP (2017-081431) 2017-04-17

[21] **3,001,794**
[13] A1
[51] **Int.Cl. F17D 3/01 (2006.01) F17D 1/02 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM IN AN INDUSTRIAL GAS PIPELINE NETWORK TO SATISFY ENERGY CONSUMPTION CONSTRAINTS AT PRODUCTION PLANTS**
[54] **SYSTEME DE CONTROLE DANS UN RESEAU DE CANALISATIONS GAZIERES INDUSTRIELLES AFIN DE SATISFAIRE LES CONTRAINTES DE CONSOMMATION ENERGETIQUE DANS LES USINES DE PRODUCTION**
[72] ISOM, JOSHUA DAVID, US
[72] STAMPS, ANDREW TIMOTHY, US
[72] LATSHAW, CATHERINE CATINO, US
[72] ESMAILI, ALI, US
[72] MANCILLA, CAMILO, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2018-04-17
[41] 2018-10-18
[30] US (15/490,308) 2017-04-18
[30] US (15/872,214) 2018-01-16

[21] **3,001,825**
[13] A1
[51] **Int.Cl. E04B 1/94 (2006.01)**
[25] EN
[54] **FIRE BARRIER BOX FOR MEMBRANE PENETRATIONS**
[54] **BOITE DE BARRIERE DE PROTECTION INCENDIE DESTINEE AUX PENETRATIONS MEMBRANAIRES**
[72] KOEHLER, JAMES N., US
[71] FIRE SHIELD LLC, US
[22] 2018-04-17
[41] 2018-10-17
[30] US (62/486,249) 2017-04-17

[21] **3,001,985**
[13] A1
[51] **Int.Cl. B64C 25/34 (2006.01) B64C 25/10 (2006.01)**
[25] EN
[54] **AIRCRAFT LANDING GEAR ASSEMBLY**
[54] **DISPOSITIF DE TRAIN D'ATTERRISSAGE D'UN AERONEF**
[72] SCHMIDT, ROBERT KYLE, GB
[71] SAFRAN LANDING SYSTEMS UK LIMITED, GB
[22] 2018-04-17
[41] 2018-10-20
[30] EP (17167354.4) 2017-04-20

[21] **3,001,991**
[13] A1
[51] **Int.Cl. B64C 25/60 (2006.01) F16F 9/06 (2006.01) F16F 9/16 (2006.01)**
[25] EN
[54] **AIRCRAFT LANDING GEAR SHOCK ABSORBING STRUT**
[54] **JAMBE ANTICHOC DE TRAIN D'ATTERRISSAGE D'UN AERONEF**
[72] URBINATI, SIMONE, GB
[72] HILLIARD, MATT, GB
[72] SMITH, JON, GB
[71] SAFRAN LANDING SYSTEMS UK LIMITED, GB
[22] 2018-04-17
[41] 2018-10-20
[30] EP (17167424.5) 2017-04-20

[21] **3,001,998**
[13] A1
[51] **Int.Cl. H01M 2/02 (2006.01) A61F 2/00 (2006.01) H01M 4/04 (2006.01) H01M 4/78 (2006.01)**
[25] EN
[54] **FLEXIBLE MICRO-BATTERY**
[54] **MICRO BATTERIE FLEXIBLE**
[72] AUDEBERT, JEAN-FRANCOIS, US
[72] KANNER, ZACHARY, US
[72] PAGLIARO, LEONARDO, US
[72] WEINSTEIN, LAWRENCE EDWARD, US
[72] PETERSON, SERENA, US
[72] HOWARTH, JONATHAN, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2018-04-18
[41] 2018-10-19
[30] US (62/487,262) 2017-04-19
[30] US (15/882,126) 2018-01-29

[21] **3,002,015**
[13] A1
[51] **Int.Cl. H01M 2/02 (2006.01) H01M 4/04 (2006.01) H01M 4/78 (2006.01) A61B 5/00 (2006.01) A61N 1/378 (2006.01)**
[25] EN
[54] **FLEXIBLE MICRO-BATTERY**
[54] **MICRO BATTERIE FLEXIBLE**
[72] AUDEBERT, JEAN-FRANCOIS, US
[72] FLITSCH, FREDERICK A., US
[72] KANNER, ZACHARY, US
[72] MUTHU, MILLBURN EBENEZER, US
[72] PAGLIARO, LEONARDO, US
[72] PUGH, RANDALL B., US
[72] WEINSTEIN, LAWRENCE EDWARD, US
[72] PETERSON, SERENA, US
[72] HOWARTH, JONATHAN, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
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[54] **SLAB BOLSTER UPPER AND METHOD OF USING THE SAME**
[54] **PARTIE SUPERIEURE DE CALE DE SOUTIEN ET METHODE D'UTILISATION ASSOCIEE**
[72] VERELLI, ANGELO, CA
[72] VERELLI, CARLO, CA
[71] VERELLI, ANGELO, CA
[71] VERELLI, CARLO, CA
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[54] **FUEL REFORMER FOR VEHICLE**
[54] **REFORMEUR DE CARBURANT DESTINE A UN VEHICULE**
[72] INAMI, NORIO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[30] JP (2017-083775) 2017-04-20

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[54] **INDWELLING RADIO FREQUENCY COILS FOR INTRAOPERATIVE MAGNETIC RESONANCE IMAGING**
[54] **BOBINES DE FREQUENCE RADIO INTEGREES DESTINEES A L'IMAGERIE PAR RESONNANCE MAGNETIQUE INTRA OPERATOIRE**
[72] PIRON, CAMERON ANTHONY, CA
[72] VUONG, THANH VINH, CA
[72] YUWARAJ, MURUGATHAS, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[25] EN
[54] **AIRCRAFT LANDING GEAR ASSEMBLY**
[54] **DISPOSITIF DE TRAIN D'ATTERRISSAGE D'UN AERONEF**
[72] SCHMIDT, ROBERT KYLE, GB
[72] PRICE, NEIL, GB
[71] SAFRAN LANDING SYSTEMS UK LIMITED, GB
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[54] **NATURAL LANGUAGE TRANSLATION AND LOCALIZATION**
[54] **TRADUCTION ET LOCALISATION EN LANGAGE NATUREL**
[72] SITTEL, CORNELIA, US
[72] LIPKA, HENDRIK, US
[71] SALESFORCE.COM, INC., US
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[54] **HIGH FRICTION INSULATOR**
[54] **ISOLANT HAUTE FRICTION**
[72] TORSTVEIT, SVEN, US
[71] CONSOLIDATED METCO, INC., US
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[54] **FOOD SCOOP WITH BASE SEALING PANELS**
[54] **CUILLER A ALIMENTS DOTEE DE PANNEAUX SCELLANTS DE BASE**
[72] ROBERTSON, RONALD D., US
[72] MCKAHAN, BILL, US
[71] HUHTAMAKI, INC., US
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[25] EN
[54] **VENTILATED HELMET PREVENTING DEPOSITION OF FOG ON A PROTECTIVE EYEWEAR, AND A METHOD AND USE OF THE SAME**
[54] **CASQUE AERE EMPECHANT LE DEPOT DE BUEE SUR UNE LUNETTE PROTECTRICE, ET METHODE ET UTILISATION DUDIT CASQUE**
[72] BOUCHARD-FORTIN, NICOLAS, CA
[72] HANDFIELD, ROBERT, CA
[72] GILBERT, ETIENNE, CA
[72] LEVESQUE, JEAN-SIMON, CA
[72] FELLOUAH, HACHIMI, CA
[72] DGHIM, MAROUEN, CA
[71] KIMPEX INC., CA
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[54] **WOOD SCREW HAVING AN ARC-SHAPED PROTRUSION BETWEEN THREAD TURNS**
[54] **VIS A BOIS COMPORTANT UNE SAILLIE EN FORME D'ARC ENTRE LES TOURS DE FILET**
[72] ECKERT, RAINER, DE
[72] WUNDERLICH, ANDREAS, DE
[71] ADOLF WURTH GMBH & CO. KG, DE
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[54] **INTERNET OF THINGS PLATFORM WITH SYSTEM-ON-CHIP DEVICE**
[54] **PLATEFORME D'INTERNET DES OBJETS DOTE D'UN DISPOSITIF DE SYSTEME SUR PUCE**
[72] THIYAGARAJAH, KAVASKAR, CA
[72] SRIKANTHA, MAYURAN, CA
[71] NIKOLA LABS ELECTRONIC R&D CORPORATION INC., CA
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[25] EN
[54] **VENTED DOCK FLOAT**
[54] **FLOTTEUR DE QUAI AERE**
[72] TAYLOR, GARTH, CA
[71] TECHSTAR PLACTICS INC., CA
[22] 2018-04-18
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[54] **LOBSTER TRAP**
[54] **PIEGE A HOMARD**
[72] DAUPHINEE, SCOTT WARREN, CA
[71] DAUPHINEE, SCOTT WARREN, CA
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[25] EN
[54] **FOOD INDEPENDENT IMMEDIATE RELEASE DRUG FORMULATION WITH ABUSE DETERRENCE AND OVERDOSE PROTECTION**
[54] **FORMULATION DE MEDICAMENT A LIBERATION IMMEDIATE INDEPENDANTE DE LA NOURRITURE DOTEE D'UNE PROTECTION CONTRE L'ABUS ET LA SURDOSE**
[72] SHAW, NAVNIT H., US
[72] PHUAPRADIT, WANTANEE, US
[72] DESAI, DIPEN, US
[72] VAKA, SIVA RAM KIRAN, US
[72] MEGHPARA, KANJI, US
[72] THONGSUKMAK, ATSAWIN, US
[71] KASHIV PHARMA, LLC, US
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[54] **MODULAR VAPE GEAR SHELF AND STORAGE**
[54] **TABLETTE A ENGRENAGES ET RANGEMENT MODULAIRES DESTINES A DES PRODUITS DE VAPOTAGE**
[72] PRETOTTO, JOSEPH, CA
[71] PRETOTTO, JOSEPH, CA
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[54] **SIDE UNDERRIDE GUARD**
[54] **PROTECTEUR D'ENCASTREMENT LATERAL**
[72] EHRLICH, RODNEY P., US
[72] WYLEZINSKI, ANDRZEJ, US
[71] WABASH NATIONAL, L.P., US
[22] 2018-04-19
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[25] EN
[54] **SOLID-PHASE COMPOSITE STRUCTURE AND RELATED METHODS**
[54] **STRUCTURE EN COMPOSITE EN PHASE SOLIDE ET METHODES ASSOCIEES**
[72] BRADENBURG, FRANK, US
[71] SEAMAN CORPORATION, US
[22] 2018-04-19
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[54] **ZERO GRAVITY CHAIR MECHANISM**
[54] **MECANISME DE CHAISE ZERO GRAVITE**
[72] VIGER, DENIS, CA
[71] VIGER, DENIS, CA
[22] 2018-04-19
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[25] EN
[54] **DISPOSABLE CONTAINER FOR COMMERCIALIZING INDIVIDUAL FROZEN FOOD PORTIONS AND METHOD OF USING THE SAME**
[54] **CONTENANT JETABLE DESTINE A LA COMMERCIALISATION DE PORTIONS INDIVIDUELLES D'ALIMENTS CONGELES ET METHODE D'UTILISATION ASSOCIEE**
[72] DUBE, DOMINIC, CA
[72] FONTAINE CASTONGUAY, PHILIPPE, CA
[71] EVIVE SMOOTHIE INC., CA
[22] 2018-04-18
[41] 2018-10-18
[30] CA (2,964,569) 2017-04-18

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[54] **REMOTE CONTROLLED MOTORIZED WINDOW COVERING**
[54] **REVETEMENT DE FENETRE MOTORISE TELECOMMANDE**
[72] WHITMIRE, J. PORTER, US
[72] PETERMAN, PHILIP SCOTT, US
[72] HILLIARD, SEAN, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
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[25] EN
[54] **MOTORIZED WINDOW COVERING HAVING POWERED MODULES**
[54] **REVETEMENT DE FENETRE MOTORISE COMPORTANT DES MODULES ELECTRIQUES**
[72] WHITMIRE, J. PORTER, US
[72] HUGGINS, MARK, US
[72] SINGH, TANVI, US
[72] JENKINS, J. LUKE, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[22] 2018-04-18
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[51] **Int.Cl. G06Q 10/04 (2012.01)**
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[54] **MACHINE LEARNING ARTIFICIAL INTELLIGENCE SYSTEM FOR PREDICTING HOURS OF OPERATION**
[54] **SYSTEME D'INTELLIGENCE ARTIFICIELLE D'APPRENTISSAGE MACHINE DESTINE A PREDIRE LES HEURES DE FONCTIONNEMENT**
[72] BANSAL, ASHISH, US
[72] STAHLMAN, JONATHAN, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2018-04-19
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[51] **Int.Cl. E05F 15/00 (2015.01) E06B 9/42 (2006.01)**
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[54] **MODULAR MOTORIZED WINDOW COVERING**
[54] **REVETEMENT DE FENETRE MOTORISE MODULAIRE**
[72] WHITMIRE, J. PORTER, US
[72] HUGGINS, MARK, US
[72] SINGH, TANVI, IN
[72] JENKINS, J. LUKE, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
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[54] **RECONFIGURABLE SOFA**
[54] **CANAPE RECONFIGURABLE**
[72] POLICICCHIO, BRUNO, US
[71] MAX HOME, LLC, US
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[54] **DEFORMABLE MIRROR WITH VARIABLE CURVATURE AND METHOD FOR MANUFACTURING SUCH A MIRROR**
[54] **MIROIR DEFORMABLE A COURBURE VARIABLE ET METHODE DE FABRICATION D'UN TEL MIROIR**
[72] CHARTON, JULIEN GERARD ERNEST, FR
[71] ALPAO, FR
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[54] **COMPOSITE SUCKER ROD ASSEMBLY WITH TENSION SLEEVE**
[54] **ASSEMBLAGE DE TIGES DE POMPAGE EN COMPOSITE DOTE D'UN MANCHON DE TENSION**
[72] MARTIN, JONATHAN R., US
[72] WOODS, CHARLES I., US
[71] 136 HOLDINGS, LLC, US
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[54] **APPAREIL DE PROTECTION DE PARE-CHOCS**
[72] KRENSKY, ROBERT, CA
[71] KRENSKY, ROBERT, CA
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[54] **LAMPE A DEL POUR VEHICULES**
[72] DONG, XIN, CA
[72] ZHOU, XIAOZHONG, CN
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[54] **PROJECTION MAPPING SYSTEM AND APPARATUS**
[54] **SYSTEME DE CARTOGRAPHIE PAR PROJECTION ET APPAREIL**
[72] STATON, FIELDING B., US
[72] STRUMPF, DAVID, US
[71] NEWTONOID TECHNOLOGIES, L.L.C., US
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[25] EN
[54] **MOBILE DEVICE WITH FRONT CAMERA AND MAXIMIZED SCREEN SURFACE**
[54] **DISPOSITIF MOBILE DOTE D'UNE CAMERA AVANT ET D'UNE SURFACE D'ECRAN MAXIMISEE**
[72] PANTEL, LOTHAR, DE
[71] PANTEL, LOTHAR, DE
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[54] **SURFACE CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE DE SURFACE**
[72] CHAVANA, ERNEST MATTHEW; JR., US
[72] FOSTER, RICHARD, US
[72] ANDERSON, STANLEY, US
[72] TERPSTRA, CHRISTOPHER, US
[72] VALENTIC, JAN, US
[72] MA, XINTAO, US
[71] RUG DOCTOR, LLC, US
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[54] **METHODS AND SYSTEMS FOR PERFORMING AUTOMATED DRILLING OF A WELLBORE**
[54] **METHODES ET SYSTEMES DE PREFORMAGE DU FORAGE AUTOMATISE D'UN PUITS DE FORAGE**
[72] NG, CHOON-SUN JAMES, CA
[72] PASLAWSKI, DANIEL JOHN, CA
[72] EDDY, AARON, CA
[71] PASON SYSTEMS CORP., CA
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[54] **SYSTEME D'EXTRACTION ET DE POMPAGE DE GAZ EN SOUS PLAQUE**
[72] ELMS, TREVOR R., CA
[71] ELMS, TREVOR R., CA
[22] 2016-06-08
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[54] **METAL CONTACTLESS TRANSACTION CARD**
[54] **CARTE METALLIQUE DE TRANSACTION SANS CONTACT**
[72] HERRINGTON, DANIEL, US
[71] CAPITAL ONE SERVICES, LLC, US
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[25] EN
[54] **PORTABLE ELECTRONIC GRINDER SYSTEM**
[54] **SYSTEME DE MOULIN ELECTRONIQUE PORTATIF**
[72] VARGA, NICHOLAS, CA
[71] VARGA, NICHOLAS, CA
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[54] **MODIFIED HEXA-ACYLATED NEISSERIAL LPS**
[54] **LPS DE NEISSERIA HEXA-ACYLE MODIFIE**
[72] ZARIRI, AFSHIN, NL
[72] PUPO ESCALONA, ELDER, NL
[72] VAN DER LEY, PETER ANDRE, NL
[71] DE STAAT DER NEDERLANDEN, VERT. DOOR DE MINISTER VAN VWS, MINISTERIE VAN VOLKSGEZONDHEID, WELZIJN EN SPORT, NL
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[54] **LIANTS DE MAX COMME MODULATEURS DE MYC ET LEURS UTILISATIONS**
[72] EVANS, HELEN L., US
[72] STRUNTZ, NICHOLAS B., US
[72] CHEN, ANDREW, US
[72] KOEHLER, ANGELA N., US
[72] STEFAN, ERIC, US
[72] CABALLERO, FRANCISCO, US
[72] NEEL, DYLAN VIJITH, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[54] **CROSSLINKED KRAFT PULP COMPOSITIONS AND METHOD**
[54] **COMPOSITIONS DE PATE KRAFT RETICULEE ET PROCEDE ASSOCIE**
[72] LUO, MENGKUI, US
[71] INTERNATIONAL PAPER COMPANY, US
[85] 2018-08-24
[86] 2017-02-24 (PCT/US2017/019457)
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[54] **METHOD AND APPARATUS FOR USING A BIOMETRIC TEMPLATE TO CONTROL ACCESS TOA USER CREDENTIAL FOR A SHARED WIRELESS COMMUNICATION DEVICE**
[54] **PROCEDE ET APPAREIL D'UTILISATION D'UN MODELE BIOMETRIQUE POUR CONTROLER L'ACCES A UN JUSTIFICATIF D'UTILISATEUR POUR UN DISPOSITIF PARTAGE DE COMMUNICATION SANS FIL**
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[54] **PROCEDES ET DISPOSITIFS D'IMAGERIE MAGNETIQUE POUR INVENTAIRE DE FONCTION CORTICALE CEREBRALE HUMAINE**
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[54] **MECANISME D'ENTRAINEMENT D'ABSORBANTS DE CONTROLE DE REACTEUR NUCLEAIRE, PROCEDE DE SURVEILLANCE ET REACTEUR NUCLEAIRE CORRESPONDANTS**
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[54] **ENSEMBLE POUR LA CONSTRUCTION D'UN REACTEUR NUCLEAIRE ET PROCEDES CORRESPONDANTS**
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[71] SOCIETE TECHNIQUE POUR L'ENERGIE ATOMIQUE, FR
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[54] **PROCEDE DE PREPARATION DE COMPOSES PYRIDINYLIMIDAZOLONE HERBICIDES**
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[72] GHORAI, SUJIT KUMAR, IN
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[72] MULLER, THOMAS, GB
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[72] TIITTA, MARJA, FI
[71] NESTE OYJ, FI
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[54] **COMPOSITIONS POUR PRODUITS CUITS AU FOUR CONTENANT DES ENZYMES LIPOLYTIQUES ET LEURS UTILISATIONS**
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[72] DORGEO, VALERIE, BE
[72] SHEGAY, OKSANA, BE
[72] DAUVRIN, THIERRY, BE
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[72] STEFAN, MADALINA, DE
[72] NICOLEAU, LUC, FR
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[54] **PROCEDE PERMETTANT DE FOURNIR UN MENU DE FAVORIS SUR UN DISPOSITIF INFORMATIQUE, ET DISPOSITIF INFORMATIQUE**
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[72] GRINBERG, ITZHAK, IL
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[72] AMANO, HIROSHI, JP
[72] OOI, NOBUYUKI, JP
[72] HIRAIWA, YUUSUKE, JP
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[71] UBAMARKET LTD, GB
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[54] **SYSTEME AMELIORE POUR L'ACCOUPLEMENT DE DEUX PANNEAUX PREFABRIQUES POUR LA CONSTRUCTION**
[72] CECCACCI, GERARDO, IT
[71] OC S.R.L., IT
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[54] **DISPOSITIF DE TRANSMISSION D'ENERGIE SANS FIL ET SYSTEME DE TRANSMISSION D'ENERGIE**
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[71] MITSUBISHI ELECTRIC CORPORATION, JP
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[54] **DISPOSITIF A RAYON DE COURBURE POUR TUBE FLEXIBLE**
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[72] NIGRO, GENNARO, CA
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[71] BOMBARDIER INC., CA
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[54] **TRANSMISSION CHARACTERISTIC COMPENSATION APPARATUS, TRANSMISSION CHARACTERISTIC COMPENSATION METHOD, AND COMMUNICATION APPARATUS**
[54] **DISPOSITIF DE COMPENSATION DE CARACTERISTIQUE DE TRANSMISSION, PROCEDE DE COMPENSATION DE CARACTERISTIQUE DE TRANSMISSION ET DISPOSITIF DE COMMUNICATION**
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[72] YAMAZAKI, ETSUSHI, JP
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[54] **WEDGE TAPPING DEVICE FOR ROTATING ELECTRICAL MACHINE, AND WEDGE INSPECTION SYSTEM FOR ROTATING ELECTRICAL MACHINE**
[54] **DISPOSITIF DE TARAUDAGE DE COIN POUR MACHINE ELECTRIQUE ROTATIVE, ET SYSTEME D'INSPECTION DE COIN POUR MACHINE ELECTRIQUE ROTATIVE**
[72] MORIMOTO, YOSHIHIRO, JP
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[54] **SUPPORT D'EXTENSION DE PLATE-FORME REGLABLE DESTINE A DES SYSTEMES DE PLATE-FORME DE TRAVAIL ET PROCEDES CORRESPONDANTS**
[72] GRUMBERG, MATHIEU, US
[72] SCRAFFORD, ROY, US
[72] MEADE, FREDERICK W., US
[71] SAFWAY SERVICES, LLC, US
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[54] **N□UD DE RESEAU RADIO, DISPOSITIF SANS FIL ET PROCEDES REALISES DANS CEUX-CI**
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[72] WIBERG, NICLAS, SE
[72] HESSLER, MARTIN, SE
[72] BERGSTROM, ANDREAS, SE
[72] FURUSKOG, JOHAN, SE
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[54] **PROCEDE PERMETTANT DE DEPOSER UN MATERIAU FONCTIONNEL SUR UN SUBSTRAT**
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[72] SCRODER, KURT A., US
[72] MUNSON, CHARLES C., US
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[54] **TERMINAL APPARATUS, BASE STATION APPARATUS, MOBILITY MANAGEMENT ENTITY (MME), AND COMMUNICATION CONTROL METHOD**
[54] **DISPOSITIF TERMINAL, DISPOSITIF DE STATION DE BASE, MME (ENTITE DE GESTION DE MOBILITE) ET PROCEDE DE COMMANDE DE COMMUNICATION**
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[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **TECHNIQUES FOR EVALUATING SERVER SYSTEM RELIABILITY, VULNERABILITY AND COMPONENT COMPATIBILITY USING CROWDSOURCED SERVER AND VULNERABILITY DATA**
[54] **TECHNIQUES D'EVALUATION DE LA FIABILITE, DE LA VULNERABILITE ET DE LA COMPATIBILITE EN MATIERE DE COMPOSANTS DE SYSTEMES SERVEURS, A L'AIDE D'UN SERVEUR A EXTERNALISATION OUVERTEET DE DONNEES DE VULNERABILITE**
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[72] SCHIBLER, ROSS, US
[72] ARMIJO, BERT, US
[71] DATAGRID SYSTEMS, INC., US
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[54] **FORMULATIONS EN SOLUTION DE GIBBERELLINE CONCENTREES**
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[71] VALENT BIOSCIENCES LLC, US
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[54] **COMMANDE D'EXPOSITION D'APPAREIL DE PRISE DE VUES TRIDIMENSIONNEL A REALITE VIRTUELLE A 360 DEGRES**
[72] CABRAL, BRIAN KEITH, US
[72] POZO, ALBERT PARRA, US
[72] BRIGGS, FORREST SAMUEL, US
[71] FACEBOOK, INC., US
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[54] **SYSTEMES ET PROCEDES POUR LA PRODUCTION DE METHOXYMETHANE A PARTIR DE GAZ NATUREL**
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[72] DAKKA, JIHAD M., US
[72] SHARMA, ARUN K., US
[72] DAAGE, MICHEL, US
[72] KAMAKOTI, PREETI, US
[72] SURYO, RONALD, US
[72] BAI, CHUANSHENG, US
[72] CULLINANE, JOHN T., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[72] FURUTA, PAUL T., US
[72] SHARP, BARRY K., US
[72] LI, YAN, US
[72] KELLY-MORGAN, IAN S.G., US
[71] CAPACITOR SCIENCES INCORPORATED, US
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[72] LAVOIE, EDMOND J., US
[72] PARHI, AJIT K., US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
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[54] **COMPOSITIONS OF CRYSTALLIZED HYDROPHOBIC COMPOUNDS AND METHODS OF MAKINGAND USING SAME**
[54] **COMPOSITIONS DE COMPOSES HYDROPHOBES CRISTALLISES ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] FARAH, SHADY, US
[72] DOLOFF, JOSHUA C., US
[72] LANGER, ROBERT S., US
[72] ANDERSON, DANIEL G., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[54] **ISOLATION AND ANALYSIS OF FETAL DNA FROM EXTRAVILLOUS TROPHOBLAST CELLS RETRIEVED FROM THE ENDOCERVICAL CANAL**
[54] **ISOLEMENT ET ANALYSE D'ADN FOETAL A PARTIR DE CELLULES DE TROPHOBLASTES EXTRAVILLEUX EXTRAITES DU CANAL ENDOCERVICAL**
[72] DREWLO, SASCHA, US
[72] ARMANT, RANDALL D., US
[71] WAYNE STATE UNIVERSITY, US
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[25] EN
[54] **COATED GLASS SURFACES AND METHOD FOR COATING A GLASS SUBSTRATE**
[54] **SURFACES EN VERRE REVETUES ET PROCEDE DE REVETEMENT D'UN SUBSTRAT EN VERRE**
[72] BOYUM, HENRY, US
[72] STULL, RANDY LELAND, US
[71] APOGEE ENTERPRISES, INC., US
[85] 2018-10-03
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[54] **MULTIPLE TRANSMISSION TIME INTERVAL COEXISTENCE**
[54] **COEXISTENCE DE PLUSIEURS INTERVALLES DE TEMPS DE TRANSMISSION**
[72] SUN, JING, US
[72] CHEN, WANSHI, US
[72] GAAL, PETER, US
[72] PATEL, SHIMMAN ARVIND, US
[72] DAMNJANOVIC, ALEKSANDAR, US
[72] XU, HAO, US
[72] MONTOJO, JUAN, US
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[54] **METHOD FOR DETECTION OF SATURATED PIXELS IN AN IMAGE**
[54] **PROCEDE DE DETECTION DE PIXELS SATURES DANS UNE IMAGE**
[72] POULI, TANIA FOTEINI, FR
[72] ABEBE, MEKIDES, FR
[72] LARABI, CHAKER, FR
[72] KERVEC, JONATHAN, FR
[71] INTERDIGITAL VC HOLDINGS, INC, US
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[54] **APTAMERS, NUCLEIC ACID MOLECULES, POLYNUCLEOTIDES, SYNTHETIC ANTIBODIES COMPOSITIONS FOR DETECTING PRRS VIRUSES AND TREATING PRRS VIRUS INFECTION**
[54] **APTAMERES, MOLECULES D'ACIDE NUCLEIQUE, POLYNUCLEOTIDES, COMPOSITIONS D'ANTICORPS SYNTHETIQUES POUR DETECTER LE VIRUS PRRS ET TRAITER UNE INFECTION PAR LE VIRUS PRRS**
[72] MARCHAND, NORMAN, CA
[72] LIOA, ALBERT, US
[72] CALTAGIRONE, G. THOMAS, US
[71] AEROVIRUS TECHNOLOGIES INC., CA
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[54] **SAMPLE PROCESSING FOR MICROSCOPY**
[54] **TRAITEMENT D'ECHANTILLON POUR MICROSCOPIE**
[72] FINE, ALAN MARC, CA
[71] ALENTIC MICROSCIENCE INC., CA
[85] 2018-10-04
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[25] EN
[54] **APPARATUS AND METHODS FOR ELECTROMAGNETIC HEATING OF HYDROCARBON FORMATIONS**
[54] **APPAREIL ET PROCEDES DE CHAUFFAGE ELECTROMAGNETIQUE DE FORMATIONS D'HYDROCARBURES**
[72] OKONIEWSKI, MICHAL M., CA
[72] PASALIC, DAMIR, CA
[72] VACA, PEDRO, CA
[72] CLARK, GEOFF, CA
[71] ACCELEWARE LTD., CA
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[25] EN
[54] **MACROPHAGE STIMULATION IN CD47 BLOCKADE THERAPY**
[54] **STIMULATION DES MACROPHAGES EN THERAPIE PAR BLOCAGE DE CD47**
[72] LIN, GLORIA HOI YING, CA
[72] VILLER, NATASJA NIELSEN, CA
[72] JOHNSON, LISA DANAE SHULTZ, CA
[72] WONG, MARK MICHAEL, CA
[72] UGER, ROBERT ADAM, CA
[71] TRILLIUM THERAPEUTICS INC., CA
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[54] **ELECTRICAL POWER GENERATION SYSTEM**
[54] **SYSTEME DE GENERATION D'ELECTRICITE**
[72] BOUDREAULT, RICHARD, CA
[71] SIGMA ENERGY STORAGE INC., CA
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[25] EN
[54] **THERMALLY NEUTRAL INHALATION GAS COMPOSITION**
[54] **COMPOSITION GAZEUSE INHALABLE THERMIQUEMENT NEUTRE**
[72] DAVID, HELENE, CA
[71] MONATOMICS TECHNOLOGY, FR
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[54] **HYPOTHERMAL INHALATION GAS COMPOSITION**
[54] **COMPOSITION GAZEUSE INHALABLE HYPOTHERMIQUE**
[72] DAVID, HELENE, CA
[71] MONATOMICS TECHNOLOGY, FR
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[51] **Int.Cl. G06Q 10/08 (2012.01) F17C 13/04 (2006.01)**
[25] EN
[54] **METHOD FOR CALCULATING THE AUTONOMY OF A GAS DISTRIBUTION ASSEMBLY**
[54] **PROCEDE DE CALCUL DE L'AUTONOMIE D'UN ENSEMBLE DE DISTRIBUTION DE GAZ**
[72] QUATTRONE, MICHELE, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[54] **MEASURING MAGNETITE BUILDUP IN A MAGNETIC FILTER**
[54] **MESURE DE L'ACCUMULATION DE MAGNETITE DANS UN FILTRE MAGNETIQUE**
[72] DOWNIE, SIMON, GB
[72] TAYLOR, MATTHEW, GB
[71] ADEY HOLDINGS (2008) LIMITED, GB
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[51] **Int.Cl. B29C 70/44 (2006.01) B29C 70/46 (2006.01) B29C 70/56 (2006.01)**
[25] EN
[54] **A METHOD OF MANUFACTURING A COMPOSITE COMPONENT**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT COMPOSITE**
[72] MARENGO, GIOVANNI ANTONIO, GB
[71] ROLLS-ROYCE PLC, GB
[85] 2018-10-04
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[54] **ANTI-INFLAMMATORY EXTRACT**
[54] **EXTRAIT ANTI-INFLAMMATOIRE**
[72] LAVAUD, ALEXIS, FR
[72] BILY, ANTOINE, FR
[72] ROLLER, MARC, FR
[72] BIRTIC, SIMONA, FR
[71] NATUREX S.A., FR
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[54] **PLAQUE A BASE DE GYPSE**
[72] JONES, NICHOLAS, GB
[72] RICHARDSON, ADAM, GB
[72] RIDEOUT, JAN, GB
[72] BROOKS, LAURA, GB
[72] SPARKES, JOANNA, GB
[72] JALLAND, DAVID, GB
[72] JUPP, NICOLA, GB
[71] SAINT-GOBAIN PLACO SAS, FR
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[25] EN
[54] **PRODUCT FOR THE TREATMENT OF SKIN LESIONS AND WARTS AND DEVICE FOR THE APPLICATION OF SAID PRODUCT**
[54] **PRODUIT POUR LE TRAITEMENT DE LESIONS CUTANEES ET DE VERRUES, ET DISPOSITIF POUR L'APPLICATION DUDIT PRODUIT**
[72] OTTANELLI, LUCIANO, IT
[71] SIXTEM LIFE SRL, IT
[85] 2018-10-04
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[25] EN
[54] **METHOD AND DEVICE FOR MEASURING THE DEPTH OF THE VAPOR CAPILLARY DURING A MACHINING PROCESS WITH A HIGH ENERGY BEAM**
[54] **PROCEDE ET DISPOSITIF DE MESURE DE LA PROFONDEUR DU CAPILLAIRE DE VAPEUR PENDANT UN PROCESSUS D'USINAGE PAR FAISCEAU A HAUTE ENERGIE**
[72] SCHONLEBER, MARTIN, DE
[72] DIETZ, CHRISTOPH, DE
[71] PRECITEC OPTRONIK GMBH, DE
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[51] **Int.Cl. G06F 3/041 (2006.01) B32B 17/10 (2006.01)**
[25] EN
[54] **LAMINATED GLASS PANE HAVING A SENSOR ASSEMBLY, TRANSMISSION SYSTEM, AND METHOD FOR PRODUCING A LAMINATED GLASS PANE HAVING A SENSOR ASSEMBLY**
[54] **VITRE DE VERRE FEUILLETE POURVUE D'UN AGENCEMENT DE CAPTEURS, SYSTEME DE TRANSMISSION ET PROCEDE DE PRODUCTION D'UNE VITRE DE VERRE FEUILLETE POURVUE D'UN AGENCEMENT DE CAPTEURS**
[72] SCHMALBUCH, KLAUS, DE
[72] DROSTE, STEFAN, DE
[72] EFFERTZ, CHRISTIAN, DE
[72] WEBER, PATRICK, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[25] EN
[54] **UV PROTECTIVE COMPOSITIONS AND THEIR USE**
[54] **COMPOSITIONS ANTI-UV ET LEUR UTILISATION**
[72] LANDA, BENZION, IL
[72] ABRAMOVICH, SAGI, IL
[72] DOR, SNIR, IL
[71] LANDA LABS (2012) LTD., IL
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[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **VASCULAR VALVED PROSTHESIS AND MANUFACTURING METHOD**
[54] **PROTHESE VASCULAIRE A VALVULE ET SON PROCEDE DE FABRICATION**
[72] KALFA, DAVID, US
[72] MENASCHE, PHILIPPE, FR
[72] POUPONNEAU, PIERRE, FR
[72] LEONARD, CLEMENT, FR
[72] PERROT, SEBASTIEN, FR
[71] ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS, FR
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[25] EN
[54] **HAFNIA ALVEI BASED PHARMACEUTICAL AND FOOD COMPOSITIONS FOR INDUCING SATIATION AND PROLONGING SATIETY**
[54] **COMPOSITIONS PHARMACEUTIQUES ET ALIMENTAIRES A BASE D'HAFNIA ALVEI POUR INDUIRE LA SATIETE ET PROLONGER LA SATIETE**
[72] FETISSOV, SERGUEI, FR
[72] DECHELOTTE, PIERRE, FR
[72] BRETON, JONATHAN, FR
[72] LAMBERT, GREGORY, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE DE ROUEN, FR
[71] TARGEDYS, FR
[71] UNIVERSITE DE ROUEN, FR
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[51] **Int.Cl. E04G 11/28 (2006.01) G01C 15/00 (2006.01)**
[25] EN
[54] **CLIMBING FORMWORK AND METHOD FOR ERECTION OF A CONCRETE STRUCTURE**
[54] **COFFRAGE D'ESCALADE ET PROCEDE POUR DRESSER UNE STRUCTURE EN BETON**
[72] VOGL, SIMON, AT
[72] AMON, PETER, AT
[72] STEININGER, FRIEDRICH, AT
[71] DOKA GMBH, AT
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[86] 2017-04-07 (PCT/EP2017/058330)
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[51] **Int.Cl. F04D 7/04 (2006.01) F04D 29/22 (2006.01) F04D 29/24 (2006.01) F04D 29/68 (2006.01)**
[25] EN
[54] **LOW INLET VORTICITY IMPELLER HAVING ENHANCED HYDRODYNAMIC WEAR CHARACTERISTICS**
[54] **ROUE A FAIBLE VORTICITE D'ENTREE AYANT DES CARACTERISTIQUES D'USURE HYDRODYNAMIQUE AMELIOREES**
[72] ECHEVERRI, LUIS, US
[71] FLSMIDTH A/S, DK
[85] 2018-10-04
[86] 2017-04-06 (PCT/IB2017/051978)
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[25] EN
[54] **1,5-DIHYDRO-4H-PYRAZOLO[3,4-D]PYRIMIDIN-4-ONES AND 1,5-DIHYDRO-4H-PYRAZOLO[4,3-C]PYRIDIN-4-ONES AS PDE1 INHIBITORS**
[54] **1,5-DIHYDRO-4H-PYRAZOLO[3,4-D]PYRIMIDIN-4-ONES ET 1,5-DIHYDRO-4H-PYRAZOLO[4,3-C]PYRIDIN-4-ONES EN TANT QU'INHIBITEURS DE PDE1**
[72] JUHL, KARSTEN, DK
[72] JESSING, MIKKEL, DK
[72] LANGGARD, MORTEN, DK
[72] VITAL, PAULO JORGE VIEIRA, DK
[72] MARIGO, MAURO, DK
[72] KEHLER, JAN, DK
[72] RASMUSSEN, LARS KYHN, DK
[71] H. LUNDBECK A/S, DK
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[13] A1
[51] **Int.Cl. F23R 3/28 (2006.01) F23R 3/54 (2006.01)**
[25] FR
[54] **IMPROVED INJECTORS FOR GAS TURBINE COMBUSTION CHAMBER**
[54] **INJECTEURS AMELIORES POUR CHAMBRE DE COMBUSTION DE TURBINE A GAZ**
[72] TALIERCIO, GUILLAUME, FR
[72] SAVARY, NICOLAS, FR
[72] LAMAISON, OLIVIER, FR
[71] SAFRAN HELICOPTER ENGINES, FR
[85] 2018-10-04
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[51] **Int.Cl. A61K 36/81 (2006.01) A61K 9/00 (2006.01) A61P 25/34 (2006.01)**
[25] FR
[54] **TOBACCO LEAF EXTRACT AND USE THEREOF FOR THE TREATMENT OF TOBACCO ADDICTION**
[54] **EXTRAIT DE FEUILLES DE TABAC ET UTILISATION POUR LE TRAITEMENT DE L'ADDICTION AU TABAC**
[72] LAFONT, BRUNO, FR
[71] NFL BIOSCIENCES, FR
[85] 2018-10-04
[86] 2017-04-07 (PCT/EP2017/058398)
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[71] VULCTECH GMBH, DE
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[54] **CAMLOCK**
[54] **VERROU DE CAME**
[72] COOPER, NEIL, GB
[71] GALL THOMSON ENVIRONMENTAL LIMITED, GB
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[54] **T CELL RECEPTORS**
[54] **RECEPTEURS DES LYMPHOCYTES T**
[72] TRIBBLE, NICHOLAS, GB
[72] LAWRANCE, WILLIAM, GB
[72] BAGG, ELEANOR, GB
[71] ADAPTIMMUNE LIMITED, GB
[85] 2018-10-04
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[54] **PROCEDE ET DISPOSITIF DESTINES A ENREGISTRER UNE IDENTITE BIOMETRIQUE ET AUTHENTIFIER UNE IDENTITE BIOMETRIQUE**
[72] SUN, YUANBO, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
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[54] **SECHAGE/TRANSPORT ET LIBERATION DE MFC**
[72] RASANEN, JARI, FI
[71] STORA ENSO OYJ, FI
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[54] **METHOD FOR PRODUCING LACTIC ACID**
[54] **PROCEDE DE PRODUCTION D'ACIDE LACTIQUE**
[72] ASK, MAGNUS, SE
[72] KOPPRAM, RAKESH, SE
[72] MATTANOVICH, DIETHARD, AT
[72] SAUER, MICHAEL, AT
[71] SYCONIUM LACTIC ACID GMBH, AT
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[54] **EQUIPEMENT POUR CREER UNE PISTE DE SKI DE FOND**
[72] SAGGIORATO, LUCA, IT
[72] UNTERHOLZNER, MARKUS, IT
[72] BAIER, STEFAN, IT
[71] PRINOTH S.P.A., IT
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[54] **HIGH-BAY WAREHOUSE WITH STORAGE-AND-RETRIEVAL UNITS PROVIDED THEREIN FOR STORING AND RETRIEVING, OR TRANSFERRING, ARTICLES**
[54] **ENTREPOT A HAUT RAYONNAGE COMPRENANT, A L'INTERIEUR, DES TRANSSTOCKEURS DESTINES A STOCKER ET DESTOCKER OU TRANSFERER DES MARCHANDISES ENTREPOSEES**
[72] HEIDE, CARSTEN, DE
[72] BRUCK, VOLKER, DE
[71] AMOVA GMBH, DE
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[54] **AUDIO FINGERPRINTING BASED ON AUDIO ENERGY CHARACTERISTICS**
[54] **DACTYLOSCOPIE AUDIO BASEE SUR DES CARACTERISTIQUES D'ENERGIE AUDIO**
[72] GREENE, PATRICK, US
[71] SOURCE DIGITAL, INC., US
[85] 2018-10-04
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[54] **SYNCHRONIZING ANCILLARY DATA TO CONTENT INCLUDING AUDIO**
[54] **SYNCHRONISATION DE DONNEES AUXILIAIRES AVEC UN CONTENU COMPRENANT DES DONNEES AUDIO**
[72] CARROLL, TIMOTHY, US
[72] FRECON, HENRY, III, US
[72] GREENE, PATRICK, US
[72] PHILLIPS, MICHAEL, US
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[54] **DEVICE AND A METHOD FOR CONTROLLED ADMINISTERING OF A THERAPEUTIC COMPOSITION TO A PATIENT**
[54] **DISPOSITIF ET PROCEDE D'ADMINISTRATION CONTROLEE D'UNE COMPOSITION THERAPEUTIQUE A UN PATIENT**
[72] EYAL, AHARON M., IL
[72] SARID, SHAY AVRAHAM, IL
[71] CANABOLABS, IL
[85] 2018-10-04
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[54] **COMBINATIONAL THERAPIES FOR TREATMENT OF CANCER COMPRISING A BACTERIOCHLOROPHYLL DERIVATIVE**
[54] **POLYTHERAPIES POUR LE TRAITEMENT DU CANCER COMPRENANT UN DERIVE DE BACTERIOCHLOROPHYLLE**
[72] SCHERZ, AVIGDOR, IL
[72] SALOMON, YORAM, IL
[72] AGEMY, LILACH, IL
[72] HAMRI, RACHEL, IL
[72] PREISE, DINA, IL
[72] KIM, KWANGHEE, US
[72] COLEMAN, JONATHAN, US
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
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[54] **CIGARETTE ELECTRONIQUE**
[72] VOERMAN, DICK PAUL, NL
[71] SLUIS CIGAR MACHINERY B.V., NL
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[25] EN
[54] **SPATIAL DATA ANALYSIS**
[54] **ANALYSE DE DONNEES SPATIALES**
[72] GAUDET, CHASE, US
[72] NEPVEAUX, MARCUS, US
[72] NORMAND, KEVIN, US
[71] FUGRO N.V., NL
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[54] **ELECTRONIC CIGARETTE, AND METHOD OF CLEANING AN ELECTRONIC CIGARETTE**
[54] **CIGARETTE ELECTRONIQUE, ET PROCEDE DE NETTOYAGE D'UNE CIGARETTE ELECTRONIQUE**
[72] VOERMAN, DICK PAUL, NL
[71] SLUIS CIGAR MACHINERY B.V., NL
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[54] **CENTRALE ELECTRIQUE SOUS-MARINE, SYSTEME ET PROCEDE**
[72] KRISTENSEN, ROAR, NO
[71] NORWEGIAN TIDAL SOLUTIONS AS, NO
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[54] **DISPOSITIF DE RADAR**
[72] TAKAHASHI, RYUHEI, JP
[72] TAKAHASHI, TORU, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
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[54] **SHEET LAYERING JIG, METHOD FOR MANUFACTURING LAYERED PRODUCT, AND METHOD FOR MANUFACTURING SHEET-SHAPED SECONDARY CELL**
[54] **GABARIT DE STRATIFICATION DE FEUILLE, PROCEDE DE PRODUCTION DE PRODUIT STRATIFIE, ET PROCEDE DE PRODUCTION DE BATTERIE RECHARGEABLE DE TYPE FEUILLE**
[72] ANDO, HIDENORI, JP
[72] KIKUTA, MAKOTO, JP
[72] IWAO, GOUICHI, JP
[71] KABUSHIKI KAISHA NIHON MICRONICS, JP
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[25] EN
[54] **ANALYSIS METHOD AND ANALYSIS DEVICE FOR SUBSTANCE TO BE MEASURED**
[54] **PROCEDE D'ANALYSE ET DISPOSITIF D'ANALYSE POUR SUBSTANCE A MESURER**
[72] FURUKAWA, MAKOTO, JP
[72] TAKAGAI, YOSHITAKA, JP
[71] PERKINELMER JAPAN CO., LTD., JP
[71] NATIONAL UNIVERSITY CORPORATION FUKUSHIMA UNIVERSITY, JP
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[54] **DISPOSITIF ET PROCEDE D'EMISSION**
[72] MURAKAMI, YUTAKA, JP
[72] KIMURA, TOMOHIRO, JP
[72] OUCHI, MIKIHIRO, JP
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
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[54] **NOVEL CIGARETTE WITH REDUCED TOBACCO VAPOR TEMPERATURE AND IMPROVED TASTE**
[54] **NOUVELLE CIGARETTE AYANT UNE TEMPERATURE DE VAPEUR DE TABAC REDUITE ET UN GOUT AMELIORE**
[72] LIU, HUACHEN, CN
[72] CHEN, YIKUN, CN
[72] KE, WEICHANG, CN
[72] LIU, XIANGHAO, CN
[72] LUO, CHENGHAO, CN
[71] HUBEI CHINA TOBACCO INDUSTRY CO., LTD., CN
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[54] **PREPREG AND PRODUCTION METHOD THEREFOR**
[54] **PREIMPREGNE ET SON PROCEDE DE PRODUCTION**
[72] NAITO, YUTA, JP
[72] KAWAMOTO, SHIORI, JP
[72] SATO, NARUMICHI, JP
[72] TAKETA, ICHIRO, JP
[72] FUJITA, YUZO, JP
[72] KARAKI, TAKUYA, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **GRANULATOR FOR LIQUID SUBSTANCES, PARTICULARLY FOR UREA**
[54] **GRANULATEUR POUR SUBSTANCES LIQUIDES, EN PARTICULIER POUR L'UREE**
[72] RIZZI, ENRICO, IT
[71] CASALE SA, CH
[85] 2018-10-04
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[54] **POLYMER-BASED MATERIAL HAVING COVALENTLY BONDED, ENZYMATICALLY DEGRADABLE PEPTIDE SEQUENCES**
[54] **MATIERE A BASE DE POLYMERES COMPORTANT DES SEQUENCES PEPTIDIQUES DEGRADABLES PAR VOIE ENZYMATIQUE LIEES DE MANIERE COVALENTE**
[72] TSURKAN, MIKHAIL, DE
[72] TEICHMANN, JULIANE, DE
[72] WERNER, CARSTEN, DE
[71] LEIBNIZ-INSTITUT FUR POLYMERFORSCHUNG DRESDEN E.V., DE
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[54] **TRAIN HANDLING RULES COMPLIANCE SYSTEM**
[54] **SYSTEME D'OBSERVANCE DE REGLES DE GESTION DE TRAIN**
[72] ADAMS, SEAN, US
[72] FUGATE, MARK, US
[71] NEW YORK AIR BRAKE LLC, US
[85] 2018-10-04
[86] 2016-04-08 (PCT/US2016/026641)
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[54] **COMBINATIONAL COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS COMBINATOIRES ET LEURS METHODES D'UTILISATION**
[72] LUCEY, MICHAEL, US
[71] LUCEY, MICHAEL, US
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[25] EN
[54] **EFFICIENT SHOWER TRAY WITH A STATIC HEAT RECOVERY DEVICE INTEGRATED IN ITS SURFACE, ACCESSIBLE AND EASY TO CLEAN**
[54] **RECEVEUR DE DOUCHE EFFICACE A RECUPERATEUR DE CHALEUR STATIQUE INTEGRE EN SURFACE, ACCESSIBLE ET POUVANT ETRE NETTOYE FACILEMENT**
[72] GONZALEZ VALIENTE, CESAR, ES
[72] BAGUENA SAEZ, RICARDO, ES
[72] ALMODOVAR CABALLERO, ANGEL SALVADOR, ES
[71] GONZALEZ VALIENTE, CESAR, ES
[71] BAGUENA SAEZ, RICARDO, ES
[71] ALMODOVAR CABALLERO, ANGEL SALVADOR, ES
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[25] EN
[54] **ASSEMBLY OF A LIVING SURFACE AND A PROCESSING DEVICE FOR PROCESSING URINE**
[54] **ENSEMBLE D'UNE SURFACE HABITABLE, ET DISPOSITIF DE TRAITEMENT POUR TRAITER L'URINE**
[72] VAN DEN BERG, KAREL, NL
[72] SHAYEGAN SALEK, SHIVA SADAT, NL
[72] VAN DER KROON, JOHANNES MARIA, NL
[72] ROSCAM ABBING, ERNST ARNOUT, NL
[72] STAPEL, ROELOF, NL
[72] VAN SCHIE, PETRUS JOHANNES, NL
[72] VAN DEN BERG, MAARTEN, NL
[71] LELY PATENT N.V., NL
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[54] **INHIBITEURS SELECTIFS DE PFKFB4 POUR LE TRAITEMENT DU CANCER**
[72] TELANG, SUCHETA, US
[72] CHESNEY, JASON, US
[72] TRENT, JOHN O., US
[71] UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC., US
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[54] **SNOW REMOVING APPARATUS OF LED TRAFFIC SIGNAL LIGHT**
[54] **DISPOSITIF D'ELIMINATION DE NEIGE POUR FEU DE SIGNALISATION A LED**
[72] KOO, JEA HEON, KR
[71] CHUNGCHEONG INFORMATION & COMMUNICATION CO., LTD, KR
[85] 2018-10-04
[86] 2017-06-20 (PCT/KR2017/006456)
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[30] KR (10-2016-0076926) 2016-06-20

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[25] EN
[54] **HIGH-THROUGHPUT MANUFACTURING PROCESSES FOR MAKING ELECTROCHEMICAL UNIT CELLS AND ELECTROCHEMICAL UNIT CELLS PRODUCED USING THE SAME**
[54] **PROCEDES DE FABRICATION A HAUT RENDEMENT POUR LA FABRICATION D'ELEMENTS D'UNITE ELECTROCHIMIQUE ET ELEMENTS D'UNITE ELECTROCHIMIQUE PRODUITS A L'AIDE DE CEUX-CI**
[72] WARRINGTON, CURTIS, US
[72] MADDEN, THOMAS H., US
[72] PURANAM, SRIVATSAVA, US
[71] LOCKHEED MARTIN ADVANCED ENERGY STORAGE, LLC, US
[85] 2018-10-04
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[54] **AN ADAPTER SHAPING ELECTROMAGNETIC FIELD, WHICH HEATS TOROIDAL PLASMA DISCHARGE AT MICROWAVE FREQUENCY**
[54] **ADAPTATEUR A MISE EN FORME DU CHAMP ELECTROMAGNETIQUE CHAUFFANT UNE DECHARGE PLASMA TOROIDALE A UNE HYPERFREQUENCE**
[72] RESZKE, EDWARD, PL
[72] JANKOWSKI, KRZYSZTOF, PL
[72] RAMSZA, ANDRZEJ, PL
[71] APAN INSTRUMENTS SP. Z O.O., PL
[85] 2018-10-04
[86] 2017-03-28 (PCT/PL2017/000032)
[87] (WO2017/176131)
[30] PL (P.416758) 2016-04-05

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[13] A1
[51] **Int.Cl. H01M 8/00 (2016.01) C07F 7/28 (2006.01) H01M 10/42 (2006.01)**
[25] EN
[54] **COORDINATION COMPOUNDS HAVING REDOX NON-INNOCENT LIGANDS AND FLOW BATTERIES CONTAINING THE SAME**
[54] **COMPOSES DE COORDINATION AYANT DES LIGANDS NON INNOCENTS REDOX ET BATTERIES REDOX CONTENANT CEUX-CI**
[72] MILLARD, MATTHEW, US
[71] LOCKHEED MARTIN ENERGY, LLC, US
[85] 2018-10-04
[86] 2016-04-29 (PCT/US2016/030073)
[87] (WO2017/176296)
[30] US (15/093,606) 2016-04-07

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[13] A1
[51] **Int.Cl. G01F 11/28 (2006.01) B67D 7/02 (2010.01) G01F 13/00 (2006.01)**
[25] EN
[54] **GAS DRIVEN FLUID TRANSPORT**
[54] **TRANSPORT DE FLUIDE ENTRAINE PAR GAZ**
[72] LANG, PHILIPP, DE
[72] SALVAMOSER, RUBEN JULIAN, DE
[72] SAMPER, VICTOR DONALD, DE
[72] RENSCH, CHRISTIAN FRIEDRICH PETER, DE
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-10-04
[86] 2016-08-17 (PCT/US2016/047372)
[87] (WO2017/184192)
[30] US (15/132,751) 2016-04-19

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[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01) A61B 17/00 (2006.01) A61B 17/04 (2006.01) A61B 17/08 (2006.01) A61B 17/122 (2006.01) A61F 2/02 (2006.01) A61F 2/08 (2006.01)**
[25] EN
[54] **MINIMALLY INVASIVE ATRIO-VENTRICULAR VALVE TREATMENT BY CHORDAE ADJUSTMENT**
[54] **TRAITEMENT MINI-INVASIF DE VALVE ATRIO-VENTRICULAIRE PAR AJUSTEMENT DU CORDAGE TENDINEUX**
[72] ERICKSON, LARS, US
[72] BOUCHER, WAYNE, US
[71] ERICKSON, LARS, US
[85] 2018-10-04
[86] 2017-04-04 (PCT/US2017/000023)
[87] (WO2017/180215)
[30] US (15/097,181) 2016-04-12

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[13] A1
[51] **Int.Cl. H01M 8/0258 (2016.01) H01M 8/0202 (2016.01) H01M 2/38 (2006.01) H01M 4/04 (2006.01) H01M 4/74 (2006.01) H01M 6/48 (2006.01) H01M 12/04 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL CELLS HAVING DESIGNED FLOW FIELDS AND METHODS FOR PRODUCING THE SAME**
[54] **CELLULES ELECTROCHIMIQUES A CHAMPS D'ECOULEMENT CONCUS ET LEURS PROCEDES DE FABRICATION**
[72] MADDEN, THOMAS H., US
[72] BADRINARAYANAN, PARAVASTU, US
[72] WARRINGTON, CURTIS, US
[72] PURANAM, SRIVATSAVA, US
[71] LOCKHEED MARTIN ADVANCED ENERGY STORAGE, LLC, US
[85] 2018-10-04
[86] 2016-04-27 (PCT/US2016/029600)
[87] (WO2017/176295)
[30] US (15/093,604) 2016-04-07

[21] **3,020,102**
[13] A1
[51] **Int.Cl. G06Q 40/00 (2012.01) G06Q 10/10 (2012.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR UPDATING ANALYTICS MODELS THAT ARE USED TO DYNAMICALLY AND ADAPTIVELY PROVIDE PERSONALIZED USER EXPERIENCES IN A SOFTWARE SYSTEM**
[54] **PROCEDE ET SYSTEME POUR METTRE A JOUR DES MODELES ANALYTIQUES UTILISES POUR LA FOURNITURE DYNAMIQUE ET ADAPTATIVE D'EXPERIENCES D'UTILISATEUR PERSONNALISEES DANS UN SYSTEME LOGICIEL**
[72] MASCARO, MASSIMO, US
[72] CESSNA, JOSEPH, US
[72] OUYANG, PETER, US
[71] INTUIT INC., US
[85] 2018-10-04
[86] 2017-02-27 (PCT/US2017/019588)
[87] (WO2017/180251)
[30] US (15/130,560) 2016-04-15

[21] **3,020,103**
[13] A1
[51] **Int.Cl. E21B 43/10 (2006.01) E21B 17/00 (2006.01) E21B 43/08 (2006.01)**
[25] EN
[54] **SELF-LOCKING SLURRY TUBE CONNECTOR AND PROTECTION ARRANGEMENT**
[54] **AGENCEMENT A RACCORD ET A PROTECTION DE TUBE DE BOUE A VERROUILLAGE AUTOMATIQUE**
[72] SNITKOFF, JOSHUA RAYMOND, US
[72] PETERSON, ELMER RICHARD, US
[72] WOUDWIJK, ROY, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-10-04
[86] 2017-03-02 (PCT/US2017/020373)
[87] (WO2017/176394)
[30] US (15/092,175) 2016-04-06

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[13] A1
[51] **Int.Cl. B65D 43/02 (2006.01) B65D 53/00 (2006.01) B65D 53/02 (2006.01)**
[25] EN
[54] **OPEN END CONTAINER WITH IMPROVED SEAL**
[54] **RECIPIENT A EXTREMITE OUVERTE A ETANCHEITE AMELIOREE**
[72] MORRIS, GLENN H., JR., US
[71] MORRIS, GLENN H., JR., US
[85] 2018-10-04
[86] 2017-03-03 (PCT/US2017/020597)
[87] (WO2017/176396)
[30] US (62/318,968) 2016-04-06

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[13] A1
[51] **Int.Cl. G06Q 40/00 (2012.01) G06Q 10/10 (2012.01) G06F 3/048 (2013.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING AN INTUITIVE AND INTERACTIVE FINANCIAL TRANSACTION CATEGORIZATION DISPLAY**
[54] **PROCEDE ET SYSTEME POUR FOURNIR UN AFFICHAGE DE CATEGORISATION DE TRANSACTIONS FINANCIERES INTUITIF ET INTERACTIF**
[72] CALLES, JUSTIN, US
[72] DELPECH, JEAN-LUC, US
[72] GARTEN, SCOTT, US
[72] YOUNG, BRADEN, US
[71] INTUIT INC., US
[85] 2018-10-04
[86] 2017-03-16 (PCT/US2017/022786)
[87] (WO2017/180287)
[30] US (15/099,324) 2016-04-14

[21] **3,020,119**
[13] A1
[51] **Int.Cl. B01D 39/14 (2006.01)**
[25] EN
[54] **AIR FILTER WITH SPIRAL-WRAPPED FRAME**
[54] **FILTRE A AIR COMPRENANT UN CADRE ENROULE EN SPIRALE**
[72] GREGERSON, GLEN O., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-10-04
[86] 2017-03-27 (PCT/US2017/024245)
[87] (WO2017/176480)
[30] US (62/317,972) 2016-04-04

[21] **3,020,122**
[13] A1
[51] **Int.Cl. C10M 135/32 (2006.01) C10M 135/36 (2006.01) C10M 141/08 (2006.01)**
[25] EN
[54] **MERCAPTOAZOLE DERIVATIVES AS LUBRICATING ADDITIVES**
[54] **DERIVES MERCAPTOAZOLE UTILISES EN TANT QU'ADDITIFS DE GRAISSAGE**
[72] ZHANG, YANSHI, US
[72] NGUYEN, NGA H., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2018-10-04
[86] 2017-03-30 (PCT/US2017/024972)
[87] (WO2017/176546)
[30] US (62/319,340) 2016-04-07

[21] **3,020,126**
[13] A1
[51] **Int.Cl. F04D 29/62 (2006.01) F04D 29/042 (2006.01)**
[25] EN
[54] **EZ ADJUST IMPELLER CLEARANCE**
[54] **AJUSTEMENT EZ D'ESPACEMENT D'HELICE**
[72] PECKHAM, JASON D., US
[72] PLAYFORD, MARK A., US
[71] ITT MANUFACTURING ENTERPRISES LLC, US
[85] 2018-10-04
[86] 2017-04-03 (PCT/US2017/025690)
[87] (WO2017/176614)
[30] US (62/318,491) 2016-04-05

[21] **3,020,131**
[13] A1
[51] **Int.Cl. H01H 33/66 (2006.01) H01H 9/16 (2006.01)**
[25] EN
[54] **HIGH-VISIBILITY STATUS INDICATOR**
[54] **INDICATEUR D'ETAT DE HAUTE VISIBILITE**
[72] KORVES, BRIAN ANDREW, US
[72] LUOMA, WILLIAM ROBERT, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2018-10-04
[86] 2017-04-03 (PCT/US2017/025697)
[87] (WO2017/176617)
[30] US (62/318,195) 2016-04-04
[30] US (62/466,163) 2017-03-02

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[13] A1
[51] **Int.Cl. C02F 1/72 (2006.01) B01J 3/00 (2006.01) C02F 1/00 (2006.01) C02F 11/00 (2006.01) C02F 11/06 (2006.01) C02F 11/08 (2006.01)**
[25] EN
[54] **PROCESS AND SYSTEM FOR SUBCRITICAL OXIDATION OF WATER-BORNE ORGANIC CONTAMINANTS**
[54] **PROCEDE ET SYSTEME D'OXYDATION SOUS-CRITIQUE DES CONTAMINANTS ORGANIQUES VEHICULES PAR L'EAU**
[72] SHASHANK, SHAH N., US
[71] ARKEMA INC., US
[85] 2018-10-04
[86] 2017-04-04 (PCT/US2017/025820)
[87] (WO2017/176659)
[30] US (62/319,864) 2016-04-08

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[13] A1
[51] **Int.Cl. A01H 5/00 (2018.01) A61K 35/742 (2015.01) A01N 63/02 (2006.01) A61K 35/66 (2015.01) C07K 14/32 (2006.01) C07K 14/325 (2006.01)**
[25] EN
[54] **INSECTICIDAL CRY TOXINS**
[54] **TOXINES CRY INSECTICIDES**
[72] NARVA, KENNETH E., US
[72] LI, HUARONG, US
[72] TAN, SEK YEE, US
[72] XU, TAO, US
[72] CHIKWANA, VIMBAI, US
[72] YANG, KUAN, US
[72] ZACK, MARC D., US
[72] WORDEN, SARAH E., US
[71] DOW AGROSCIENCES LLC, US
[85] 2018-10-04
[86] 2017-04-04 (PCT/US2017/025859)
[87] (WO2017/176688)
[30] US (62/319,428) 2016-04-07

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[13] A1
[51] **Int.Cl. G01R 1/02 (2006.01) H01C 1/00 (2006.01) H01C 17/02 (2006.01)**
[25] EN
[54] **INTEGRATED VOLTAGE SENSOR**
[54] **CAPTEUR DE TENSION INTEGRE**
[72] KORVES, BRIAN ANDREW, US
[72] LUOMA, WILLIAM ROBERT, US
[72] STOVING, PAUL NEWCOMB, US
[72] CARMICHAEL, JOSEPH ALLEN, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2018-10-04
[86] 2017-04-04 (PCT/US2017/025913)
[87] (WO2017/176731)
[30] US (62/318,172) 2016-04-04

[21] **3,020,146**
[13] A1
[51] **Int.Cl. A61M 5/31 (2006.01) A61B 17/00 (2006.01) A61M 5/178 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **ASPIRATION AND INJECTION DEVICE**
[54] **DISPOSITIF D'ASPIRATION ET D'INJECTION**
[72] MANDAROUX, BASTIEN, FR
[72] WU, SHUSHUO, US
[72] HUSSEY, LANCE, US
[71] ALLERGAN, INC., US
[85] 2018-10-04
[86] 2017-03-24 (PCT/US2017/024114)
[87] (WO2017/176476)
[30] US (62/320,281) 2016-04-08

[21] **3,020,151**
[13] A1
[51] **Int.Cl. A61K 8/35 (2006.01) A61K 8/02 (2006.01) A61K 8/36 (2006.01) A61Q 15/00 (2006.01)**
[25] EN
[54] **DEODORANT COMPOSITION**
[54] **COMPOSITION DEODORANTE**
[72] BARREIRA, RAQUEL ALZIRA CUNHA, US
[72] BREWSTER, DAVID ALLEN, US
[72] DEGUERVILLE, ELODIE AURORE SUZANNE, GB
[72] EMSLIE, BRUCE STEVEN, GB
[72] KOWCZ, ALYSSA VICTORIA, US
[71] UNILEVER PLC, GB
[85] 2018-09-27
[86] 2017-04-12 (PCT/EP2017/058766)
[87] (WO2017/182358)
[30] EP (16166000.6) 2016-04-19

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[13] A1
[51] **Int.Cl. C09K 8/04 (2006.01) C09K 8/68 (2006.01) E21B 43/26 (2006.01) E21B 49/00 (2006.01)**
[25] EN
[54] **DETERMINING RESIDUAL FRICTION REDUCER CONCENTRATIONS FOR SUBTERRANEAN TREATMENT FLUIDS**
[54] **DETERMINATION DE CONCENTRATIONS RESIDUELLES DE REDUCTEUR DE FROTTEMENT POUR DES FLUIDES DE TRAITEMENT SOUTERRAINS**
[72] HE, KAI, US
[72] XU, LIANG, US
[72] LORD, PAUL, US
[71] MULTI-CHEM GROUP, LLC, US
[85] 2018-10-04
[86] 2016-05-31 (PCT/US2016/035061)
[87] (WO2017/209740)

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[13] A1
[51] **Int.Cl. A61K 47/44 (2017.01) A61K 9/10 (2006.01) A61K 31/57 (2006.01) A61K 47/06 (2006.01) A61K 47/14 (2017.01) A61K 47/26 (2006.01) A61K 47/34 (2017.01) A61P 5/34 (2006.01)**
[25] EN
[54] **STEROID HORMONE PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE D'HORMONE STEROIDE**
[72] INSKEEP, PHILIP B., US
[72] PERSICANER, PETER H. R., US
[72] SHADIACK, ANNETTE, US
[72] THORSTEINSSON, THORSTEINN, US
[72] SANCILIO, FREDERICK D., US
[72] LEGASSIE, JASON D., US
[71] THERAPEUTICSMD, INC., US
[85] 2018-09-27
[86] 2017-03-30 (PCT/US2017/024994)
[87] (WO2017/173071)
[30] US (62/317,060) 2016-04-01

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[13] A1
[51] **Int.Cl. A61K 31/198 (2006.01) A61K 31/195 (2006.01) A61K 31/197 (2006.01) A61K 31/352 (2006.01)**
[25] EN
[54] **ENKEPHALIN-INFLUENCING COMPOSITION AND METHOD**
[54] **COMPOSITION ET METHODE AYANT UNE INFLUENCE SUR L'ENKEPHALINE**
[72] MEEHAN, KEVIN, US
[71] BIOADATP, LLC, US
[85] 2018-09-20
[86] 2017-03-23 (PCT/US2017/023896)
[87] (WO2017/165699)
[30] US (15/078,485) 2016-03-23

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[13] A1
[51] **Int.Cl. H04L 29/08 (2006.01) G05B 19/00 (2006.01) G06F 13/40 (2006.01) H04L 29/06 (2006.01) H04M 11/00 (2006.01) H04M 11/06 (2006.01)**
[25] EN
[54] **A DEVICE FOR MONITORING AND CONTROLLING INDUSTRIAL EQUIPMENT**
[54] **DISPOSITIF DE SURVEILLANCE ET DE COMMANDE D'UN EQUIPEMENT INDUSTRIEL**
[72] FIGOLI, DAVID, US
[72] HARRISON, MATTHEW, US
[71] WELLAWARE HOLDINGS, INC., US
[85] 2018-10-03
[86] 2017-03-13 (PCT/US2017/022082)
[87] (WO2017/176431)
[30] US (62/318,628) 2016-04-05

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[13] A1
[51] **Int.Cl. A61B 10/02 (2006.01)**
[25] EN
[54] **MULTIPLE PATH SAMPLE COLLECTION CARD**
[54] **CARTE DE COLLECTE D'ECHANTILLON A TRAJETS MULTIPLES**
[72] BEDRIO, NED, US
[71] ADVANCE DX, INC., US
[85] 2018-10-04
[86] 2017-04-03 (PCT/US2017/025774)
[87] (WO2017/176644)
[30] US (15/089,847) 2016-04-04

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/107 (2006.01) A61K 31/00 (2006.01) A61K 47/06 (2006.01) A61K 47/14 (2017.01)**
[25] EN
[54] **TOPICAL COMPOSITION COMPRISING TACROLIMUS**
[54] **COMPOSITION TOPIQUE COMPRENANT DU TACROLIMUS**
[72] CRUTCHLEY, NIGEL, GB
[71] DRUG DELIVERY SOLUTIONS LIMITED, GB
[85] 2018-10-04
[86] 2017-04-03 (PCT/EP2017/057897)
[87] (WO2017/174530)
[30] EP (16163724.4) 2016-04-04

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[13] A1
[51] **Int.Cl. C04B 28/32 (2006.01)**
[25] EN
[54] **FIRE RETARDANT CONSTRUCTION MATERIALS**
[54] **MATERIAUX DE CONSTRUCTION IGNIFUGES**
[72] CUI, FUTONG, US
[71] CUI, FUTONG, US
[85] 2018-10-04
[86] 2017-04-04 (PCT/US2017/025921)
[87] (WO2017/176736)
[30] US (15/089,824) 2016-04-04

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[13] A1
[51] **Int.Cl. E06B 1/60 (2006.01) E06B 1/04 (2006.01)**
[25] EN
[54] **WINDOW, SHUTTER OR DOOR WITH ADJUSTABLE MOUNTING FRAME**
[54] **FENETRE, VOLET OU PORTE A CADRE DE MONTAGE AJUSTABLE**
[72] BABYCH, OLEKSANDER, AU
[72] GOMES-LUIS, MARC, AU
[72] BOX, ALLAN NEALE, AU
[71] UNILINE AUSTRALIA LIMITED, AU
[85] 2018-10-04
[86] 2016-08-25 (PCT/AU2016/050785)
[87] (WO2017/031543)
[30] AU (2015903432) 2015-08-25

[21] **3,020,160**
[13] A1
[51] **Int.Cl. C08F 112/08 (2006.01) C08F 4/48 (2006.01)**
[25] EN
[54] **PROCESS AND HYDROCARBON SOLUBLE SALINE HYDRIDE CATALYST FOR HYDROGEN MEDIATED SALINE HYDRIDE INITIATED ANIONIC CHAIN TRANSFER POLYMERIZATION AND POLYMER DISTRIBUTION COMPOSITIONS PRODUCED THEREFROM**
[54] **PROCEDE ET CATALYSEUR DE TYPE HYDRURE SALIN SOLUBLE DANS LES HYDROCARBURES DESTINES A LA POLYMERISATION ANIONIQUE PAR TRANSFERT DE CHAINE AMORCEE PAR DES HYDRURES SALINS A MEDIATION PAR HYDROGENE, ET COMPOSITIONS DE DISTRIBUTIONS DE POLYMERE PRODUITES AU MOYEN DESDITS PROCEDE ET CATALYSEUR**
[72] LAYMAN, WILLIAM J., JR., US
[71] ALBEMARLE CORPORATION, US
[85] 2018-10-04
[86] 2017-04-04 (PCT/US2017/025926)
[87] (WO2017/176740)
[30] US (62/318,258) 2016-04-05
[30] US (62/320,003) 2016-04-08

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[13] A1
[51] **Int.Cl. A61K 31/665 (2006.01) A61K 39/39 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **CGAS ANTAGONIST COMPOUNDS**
[54] **COMPOSES ANTAGONISTES DU CGAS**
[72] ZHONG, BOYU, US
[72] SUN, LIJUN, US
[72] SHI, HEPING, US
[72] LI, JING, CN
[72] CHEN, CHUO, US
[72] CHEN, ZHIJIAN, US
[71] IMMUNE SENSOR, LLC, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2018-10-04
[86] 2017-04-04 (PCT/US2017/026019)
[87] (WO2017/176812)
[30] US (62/318,435) 2016-04-05
[30] US (62/355,403) 2016-06-28

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[13] A1
[51] **Int.Cl. C07K 7/06 (2006.01) C07K 7/08 (2006.01) C07K 14/00 (2006.01)**
[25] EN
[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST AML AND OTHER CANCERS**
[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES POUR UNE UTILISATION DANS L'IMMUNOTHERAPIE CONTRE LA LEUCEMIE MYELOIDE AIGUE (LMA) ET D'AUTRES CANCERS**
[72] MAHR, ANDREA, DE
[72] WEINSCHENK, TONI, DE
[72] WIEBE, ANITA, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
[85] 2018-10-04
[86] 2017-04-05 (PCT/EP2017/058083)
[87] (WO2017/174645)
[30] US (62/319,141) 2016-04-06
[30] GB (1605872.9) 2016-04-06

[21] **3,020,163**
[13] A1
[51] **Int.Cl. H01R 11/01 (2006.01) H01R 24/38 (2011.01) H01R 24/54 (2011.01) H01R 9/05 (2006.01) H01R 11/03 (2006.01)**
[25] EN
[54] **ANGLED COAXIAL CONNECTORS FOR RECEIVING ELECTRICAL CONDUCTOR PINS HAVING DIFFERENT SIZES**
[54] **CONNECTEURS COAXIAUX COUDES DESTINES A RECEVOIR DES BROCHES DE CONDUCTEUR ELECTRIQUE AYANT DIFFERENTES TAILLES**
[72] ERIKSEN, KIM LUNDGREN, DK
[71] PPC BROADBAND, INC., US
[85] 2018-10-04
[86] 2017-04-04 (PCT/US2017/026024)
[87] (WO2017/176817)
[30] US (62/318,207) 2016-04-04

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[13] A1
[51] **Int.Cl. C12N 9/16 (2006.01) A21D 8/04 (2006.01) A21D 10/00 (2006.01) C12N 9/18 (2006.01)**
[25] EN
[54] **IMPROVED BAKERY PRODUCTS**
[54] **PRODUITS DE BOULANGERIE AMELIORES**
[72] GEORIS, JACQUES, BE
[72] DORGEO, VALERIE, BE
[72] SHEGAY, OKSANA, BE
[72] NGUYEN, FANNY, BE
[72] VAN WINCKEL, BRUNO, BE
[72] VERTE, FABIENNE, BE
[72] ARNAUT, FILIP, BE
[72] DAUVRIN, THIERRY, BE
[71] PURATOS NV, BE
[85] 2018-10-04
[86] 2017-04-28 (PCT/EP2017/060145)
[87] (WO2017/186891)
[30] BE (2016/5308) 2016-04-29
[30] BE (2016/5347) 2016-05-18

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) C12P 19/30 (2006.01) C12Q 1/08 (2006.01)**
[25] EN
[54] **MULTIPLEX NUCLEIC ACID ASSAY METHODS CAPABLE OF DETECTING CLOSELY RELATED ALLELES, AND REAGENTS THEREFOR**
[54] **PROCEDES DE DOSAGE MULTIPLEX D'ACIDES NUCLEIQUES PERMETTANT DE DETECTER DES ALLELES ETROITEMENT LIES, ET REACTIFS ASSOCIES**
[72] MARRAS, SALVATORE A.E., US
[72] VARGAS-GOLD, DIANA, US
[72] TYAGI, SANJAY, US
[72] KRAMER, FRED RUSSELL, US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
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[54] **PHOSPHAPLATIN LIQUID FORMULATIONS**
[54] **FORMULATIONS LIQUIDES DE PHOSPHAPLATINE**
[72] LUKE, WAYNE D., US
[72] AMES, TYLER, US
[71] PHOSPLATIN THERAPEUTICS LLC, US
[85] 2018-10-04
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[54] **TELESCOPIC DRILL ROD**
[54] **TIGE DE FORAGE TELESCOPIQUE**
[72] JONES, JIM, US
[71] HAYWARD BAKER, INC., US
[71] JONES, JIM, US
[85] 2018-10-04
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[54] **STACKED CUTLERY SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COUVERTS EMPILES**
[72] MITHAL, ASHISH K., US
[72] GALLOP, WILLIAM A., US
[71] WADDINGTON NORTH AMERICA, INC., US
[85] 2018-10-04
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[54] **VOLTAGE REGULATION FOR MULTI-PHASE POWER SYSTEMS**
[54] **REGULATION DE TENSION POUR SYSTEMES D'ALIMENTATION POLYPHASES**
[72] DALEY, DANIEL JOSEPH, US
[72] SAUER, DANIEL MICHAEL, US
[72] RAPANT, FRED JOSEPH, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2018-10-04
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[54] **METHODS OF TREATING OCULAR CONDITIONS**
[54] **METHODES DE TRAITEMENT DE TROUBLES OCULAIRES**
[72] ACKERMANN, DOUGLAS MICHAEL, US
[72] LOUDIN, JAMES, US
[72] MANDELL, KENNETH J., US
[71] OYSTER POINT PHARMA, INC., US
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[30] US (62/319,648) 2016-04-07

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[25] EN
[54] **HYDROPHOBICALLY-MODIFIED CHITOSAN FOR USE IN COSMETICS AND PERSONAL CARE APPLICATIONS**
[54] **CHITOSANE MODIFIE DE MANIERE HYDROPHOBE POUR SON UTILISATION DANS DES PRODUITS COSMETIQUES ET APPLICATIONS DE SOINS PERSONNELS**
[72] DOWLING, MATTHEW, US
[71] GEL-E, INC., US
[85] 2018-10-04
[86] 2017-04-06 (PCT/US2017/026389)
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[30] US (62/319,265) 2016-04-06

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[54] **PYRIMIDO-DIAZEPINONE KINASE SCAFFOLD COMPOUNDS AND METHODS OF TREATING PI3K-MEDIATED DISORDERS**
[54] **COMPOSES PYRIMIDO-DIAZEPINONE D'ECHAFAUDAGE DE KINASE ET PROCEDES DE TRAITEMENT DE TROUBLES INDUITS PAR PI3K**
[72] GRAY, NATHANAEL S., US
[72] ZHANG, TINGHU, US
[72] FERGUSON, FLEUR M., US
[72] ZHAO, JEAN, US
[72] NI, JING, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2018-10-04
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[25] EN
[54] **RARA AGONISTS FOR THE TREATMENT OF AML AND MDS**
[54] **AGONISTES RARA POUR LE TRAITEMENT DE LA LAM ET DU SDM**
[72] MCKEOWN, MICHAEL ROBERT, US
[72] FIORE, CHRISTOPHER, US
[72] EATON, MATTHEW LUCAS, US
[72] LEE, EMILY PAYTON, US
[72] FRITZ, CHRISTIAN, US
[71] SYROS PHARMACEUTICALS, INC., US
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[54] **DAMEUSE A NEIGE**
[72] SPADONI, RICCARDO, IT
[72] KIRCHMAIR, MARTIN, AT
[71] PRINOTH S.P.A., IT
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[86] 2017-04-07 (PCT/IB2017/052020)
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[30] IT (202016000036421) 2016-04-08

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[25] EN
[54] **METHODS FOR TREATING HYPERLIPIDEMIA WITH AN ANGPTL8 INHIBITOR AND AN ANGPTL3 INHIBITOR**
[54] **METHODES DE TRAITEMENT DE L'HYPERLIPIDEMIE A L'AIDE D'UN INHIBITEUR D'ANGPTL8 ET D'UN INHIBITEUR D'ANGPTL3**
[72] GROMADA, JESPER, US
[72] GUSAROVA, VIKTORIA, US
[72] MURPHY, ANDREW J., US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2018-10-04
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[25] EN
[54] **MEDIA ENVIRONMENT DRIVEN CONTENT DISTRIBUTION PLATFORM**
[54] **PLATEFORME DE DISTRIBUTION DE CONTENU PILOTEE POUR ENVIRONNEMENT MEDIA**
[72] FRECON, HENRY, III, US
[72] PHILLIPS, MICHAEL, US
[72] GREENE, PATRICK, US
[72] CARROLL, TIMOTHY, US
[71] SOURCE DIGITAL, INC., US
[85] 2018-10-04
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[54] **SUCKER ROD PUMPING UNIT AND METHOD OF OPERATION**
[54] **UNITE DE POMPAGE A TIGE DE POMPAGE ET PROCEDE D'ACTIONNEMENT**
[72] SINGAL, KALPESH, US
[72] SIVARAMAKRISHNAN, SHYAM, US
[72] BARTON, JUSTIN EDWIN, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-10-04
[86] 2017-04-13 (PCT/US2017/027365)
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[25] EN
[54] **HYDRAULIC APPARATUS FOR SUPPLYING AN ASSEMBLY OF TRACK-SETTING DEVICES FOR A TRACKED VEHICLE, THE ASSEMBLY OF TRACK-SETTING DEVICES AND THE TRACKED VEHICLE**
[54] **APPAREIL HYDRAULIQUE POUR ALIMENTER UN ENSEMBLE DE DISPOSITIFS DE REGLAGE DE CHENILLE POUR UN VEHICULE A CHENILLES, ENSEMBLE DE DISPOSITIFS DE REGLAGE DE CHENILLE ET VEHICULE A CHENILLES**
[72] SAGGIORATO, LUCA, IT
[72] UNTERHOLZNER, MARKUS, IT
[72] BAIER, STEFAN, IT
[71] PRINOTH S.P.A., IT
[85] 2018-10-04
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[54] **MAGNESIUM-CONTAINING OXYTOCIN FORMULATIONS AND METHODS OF USE**
[54] **FORMULATIONS D'OXYTOCINE CONTENANT DU MAGNESIUM ET PROCEDES D'UTILISATION**
[72] CARSON, DEAN, US
[72] YEOMANS, DAVID C., US
[71] TRIGEMINA, INC., US
[85] 2018-10-04
[86] 2017-04-12 (PCT/US2017/027265)
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[30] US (62/321,654) 2016-04-12

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[25] EN
[54] **DATA CENTER COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT DE CENTRE DE DONNEES**
[72] AHDOOT, ELIOT, CA
[71] BIGZ TECH INC., CA
[85] 2018-10-05
[86] 2017-04-05 (PCT/CA2017/050417)
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[25] EN
[54] **GENOME EDITING OF HUMAN NEURAL STEM CELLS USING NUCLEASES**
[54] **EDITION DU GENOME DE CELLULES SOUCHES NEURALES HUMAINES A L'AIDE DE NUCLEASES**
[72] PORTEUS, MATTHEW H., US
[72] KILDEBECK, ERIC J., US
[72] DEVER, DANIEL P., US
[72] CLARK, JOSEPH T., US
[72] TSUKAMOTO, ANN, US
[72] UCHIDA, NOBUKO, US
[71] BOCO SILICON VALLEY, INC., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2018-10-04
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[30] US (62/322,652) 2016-04-14

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[54] **METHOD FOR CREATING NUTRIENT RICH BIOLOGICALLY ACTIVE SOILS AND HORICULUTRE MEDIA WITH PREDETERMINED CHARACTERISTICS**
[54] **PROCEDE DE CREATION DE SOLS BIOLOGIQUEMENT ACTIFS RICHES EN NUTRIMENTS ET DE MILIEUX D'HORTICULTURE PRESENTANT DES CARACTERISTIQUES PREDEFINIES**
[72] GAUNT, JOHN, US
[71] GAUNT, JOHN, US
[85] 2018-10-04
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[25] EN
[54] **RENEWABLY DERIVED POLYESTERS AND METHODS OF MAKING AND USING THE SAME**
[54] **POLYESTERS ISSUS DE SOURCES RENOUVELABLES, LEURS PROCEDES DE FABRICATION ET LEUR UTILISATION**
[72] NELSON, ASHLEY M., US
[72] ZHANG, KEREN, US
[72] LONG, TIMOTHY E., US
[72] BERTIN, PAUL A., US
[71] ELEVANCE RENEWABLE SCIENCES, INC., US
[85] 2018-10-04
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[30] US (62/325,432) 2016-04-20

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[54] **AUTOSCRUBBER CONVERTIBLE BETWEEN MANUAL AND AUTONOMOUS OPERATION**
[54] **AUTOLAVEUSE CONVERTIBLE ENTRE UN FONCTIONNEMENT A COMMANDE MANUELLE ET UN FONCTIONNEMENT AUTONOME**
[72] ANDERSON, MATTHEW HENRY, CA
[72] KUNG, ANSON YAN SHUN, CA
[72] PERRON, JACOB MICHAEL, CA
[72] YUEN, ALEXANDER JOSEPH, CA
[71] A&K ROBOTICS INC., CA
[85] 2018-10-05
[86] 2017-04-07 (PCT/CA2017/050430)
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[51] **Int.Cl. A61F 2/00 (2006.01) A61K 31/41 (2006.01) A61K 45/06 (2006.01) A61P 9/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **IFETROBAN TREATMENT FOR SYSTEMIC SCLEROSIS**
[54] **TRAITEMENT DE LA SCLEROSE SYSTEMIQUE PAR L'IFETROBAN**
[72] PAVLIV, LEO, US
[72] MACIAS-PEREZ, INES, US
[72] WEST, JAMES, US
[72] CARRIER, ERICA, US
[71] CUMBERLAND PHARMACEUTICALS, INC., US
[71] VANDERBILT UNIVERSITY, US
[85] 2018-10-04
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[25] EN
[54] **RENEWABLY DERIVED POLYESTERS AND METHODS OF MAKING AND USING THE SAME**
[54] **POLYESTERS DERIVES DE SOURCES RENOUVELABLES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] NELSON, ASHLEY M., US
[72] ZHANG, KEREN, US
[72] LONG, TIMOTHY E., US
[72] BERTIN, PAUL A., US
[71] ELEVANCE RENEWABLE SCIENCES, INC., US
[85] 2018-10-04
[86] 2017-04-19 (PCT/US2017/028226)
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[30] US (62/325,437) 2016-04-20

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[51] **Int.Cl. E21B 29/10 (2006.01) F16L 55/165 (2006.01)**
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[54] **DOWNHOLE CASING PATCH**
[54] **PIECE DE TUBAGE DE FOND DE TROU**
[72] GEORGE, GRANT, CA
[72] MCCARTHY, MATTHEW, CA
[71] TORSCH INC., CA
[85] 2018-10-05
[86] 2017-04-10 (PCT/CA2017/050440)
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[25] EN
[54] **PROCESS FOR FOAMING POLYOLEFIN COMPOSITIONS USING A FLUORORESIN/BORON NITRIDE MIXTURE AS A NUCLEATING AGENT**
[54] **PROCEDE DE MOUSSAGE DE COMPOSITIONS POLYOLEFINIQUES UTILISANT UN MELANGE DE RESINE FLUOREE/NITRURE DE BORE EN TANT QU'AGENT DE NUCLEATION**
[72] SUN, GANGWEI, CN
[72] ESSEGHIR, MOHAMED, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-09-25
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[25] EN
[54] **RENEWABLY DERIVED POLYESTERS AND METHODS OF MAKING AND USING THE SAME**
[54] **POLYESTERS DERIVES DE SOURCES RENOUVELABLES, LEURS PROCEDES DE FABRICATION ET LEUR UTILISATION**
[72] NELSON, ASHLEY M., US
[72] ZHANG, KEREN, US
[72] LONG, TIMOTHY E., US
[72] BERTIN, PAUL A., US
[71] ELEVANCE RENEWABLE SCIENCES, INC., US
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[87] (WO2017/184661)
[30] US (62/325,444) 2016-04-20

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[25] EN
[54] **INTELLIGENT LIGHTING SYSTEM, INTELLIGENT VEHICLE AND AUXILIARY VEHICLE DRIVING SYSTEM AND METHOD THEREFOR**
[54] **SYSTEME D'ECLAIRAGE INTELLIGENT, VEHICULE INTELLIGENT, ET SYSTEME D'ENTRAINEMENT AUXILIAIRE DE VEHICULE ET PROCEDE CORRESPONDANT**
[72] JIANG, YUXI, CN
[72] ZHOU, FAN, CN
[72] QING, PEI, CN
[72] SHUAI, YINGHONG, CN
[71] SHANGHAI SANSI ELECTRONIC ENGINEERING CO. LTD., CN
[71] SHANGHAI SANSI TECHNOLOGY CO. LTD., CN
[71] SANSI OPTOELECTRONICS TECHNOLOGY (SHANGHAI) CO. LTD., CN
[71] JIASHAN SANSI OPTOELECTRONIC TECHNOLOGY CO. LTD., CN
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[30] CN (201610213934.2) 2016-04-07
[30] CN (201610214685.9) 2016-04-08

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[25] EN
[54] **SYSTEMS AND METHODS FOR IMPLANTS AND DEPLOYMENT DEVICES**
[54] **SYSTEMES ET PROCEDES POUR IMPLANTS ET DISPOSITIFS DE DEPLOIEMENT**
[72] SICOTTE, MARCEL SONG, US
[72] MEHTA, SHREYA, US
[72] BLY, AUSTIN MICHAEL, US
[72] JABBA, RONALD J., US
[71] ZENFLOW, INC., US
[85] 2018-10-04
[86] 2017-04-20 (PCT/US2017/028677)
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[54] **COPOLYMER BINDER**
[54] **LIANT COPOLYMERIQUE**
[72] DAIGLE, JEAN-CHRISTOPHE, CA
[72] ZAGHIB, KARIM, CA
[71] HYDRO-QUEBEC, CA
[85] 2018-10-05
[86] 2017-04-24 (PCT/CA2017/050505)
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[54] **METHOD FOR PRODUCING N-ACETYL-D-GLUCOSAMINE AND/OR D-GLUCOSAMINE HYDROCHLORIDE BY MICROBIAL FERMENTATION**
[54] **PROCEDE DE PRODUCTION DE N-ACETYL-D-GLUCOSAMINE ET/OU DE CHLORHYDRATE DE D-GLUCOSAMINE PAR FERMENTATION MICROBIENNE**
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[54] **METHOD FOR SMOOTHING AND POLISHING METALS VIA ION TRANSPORT BY MEANS OF FREE SOLID BODIES AND SOLID BODIES FOR CARRYING OUT SAID METHOD**
[54] **PROCEDE DE LISSAGE ET DE BRUNISSAGE DE METAUX PAR TRANSPORT IONIQUE AVEC DES CORPS SOLIDES LIBRES ET CORPS SOLIDES POUR METTRE EN PRATIQUE LEDIT PROCEDE**
[72] SARSANEDAS MILLET, PAU, ES
[71] DRYLYTE, S.L., ES
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[54] **METHOD FOR PRODUCING A WORKPIECE BY COATING AND ADDITIVE MANUFACTURING; CORRESPONDING WORKPIECE**
[54] **PROCEDE DE FABRICATION D'UNE PIECE PAR ENDUCTION ET FABRICATION ADDITIVE ; PIECE CORRESPONDANTE**
[72] BRUNHUBER, CHRISTIAN, DE
[72] GRAICHEN, ANDREAS, SE
[72] HANEBUTH, HENNING, DE
[72] SCHNEIDER, HEINZ-INGO, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **METHOD AND ARRANGEMENT FOR GENERATING PROCESS STEAM**
[54] **PROCEDE ET AGENCEMENT POUR LA PRODUCTION DE VAPEUR DE TRAITEMENT**
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[71] ANDRITZ OY, FI
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[54] **METHOD FOR ASSESSING HEALTH CONDITIONS OF INDUSTRIAL EQUIPMENT**
[54] **PROCEDE D'EVALUATION DES CONDITIONS DE SANTE D'UN EQUIPEMENT INDUSTRIEL**
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[72] CAVALLI, LUCA, IT
[72] TURRIN, SIMONE, DE
[71] ABB SCHWEIZ AG, CH
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[54] **SIDE PROTECTOR, CEILING FORMWORK SYSTEM HAVING AT LEAST ONE SUCH SIDE PROTECTOR, AND METHOD FOR ERECTING SUCH A SIDE PROTECTOR**
[54] **PROTECTION LATERALE, SYSTEME DE COFFRAGE DE PLAFOND POURVU D'AU MOINS UNE TELLE PROTECTION LATERALE ET PROCEDE DE FABRICATION D'UNE TELLE PROTECTION LATERALE**
[72] SCHNEIDER, WERNER, DE
[72] EPPELT, GISBERT, DE
[71] PERI GMBH, DE
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[54] **PROCEDE DE SEPARATION DE GLYCOLS**
[72] FISCHER, KAI, JURGEN, NL
[72] HUIZENGA, PIETER, NL
[72] PEREZ GOLF, CARMELO, NL
[72] VAN DER HEIDE, EVERT, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[72] JAYASINGHE, LAKMAL, GB
[72] BRUCE, MARK, GB
[72] MCNEILL, LUKE, GB
[72] NATHANI, RAMIZ IQBAL, GB
[72] SINGH, PRATIK RAJ, GB
[72] WOOD, NEIL ROGER, GB
[72] YOUNG, STEPHEN ROBERT, GB
[71] OXFORD NANOPORE TECHNOLOGIES LIMITED, GB
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[54] **ANTICORPS BISPECIFIQUES DU RECEPTEUR FC GAMMA ANTI-CD25 POUR LA DEPLETION DE CELLULES SPECIFIQUES D'UNE TUMEUR**
[72] QUEZADA, SERGIO, GB
[72] PEGGS, KARL, GB
[72] VARGAS, FRED, GB
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
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[54] **ASSEMBLY FOR DISPENSING A FLUID PRODUCT**
[54] **ENSEMBLE DE DISTRIBUTION DE PRODUIT FLUIDE**
[72] CHEN, ALEXANDRE, FR
[71] APTAR FRANCE SAS, FR
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[25] EN
[54] **LAYER THICKNESS MEASUREMENT OF SOIL COVERING**
[54] **MESURE D'EPAISSEUR D'UNE COUCHE DE REMBLAIS DE TERRE**
[72] BIRCHBAUER, JOSEF ALOIS, AT
[72] HATZL, JURGEN, AT
[72] HORNACEK, MICHAEL, AT
[72] WAKOLBINGER, STEFAN, AT
[72] HODLMOSER, MICHAEL, AT
[72] WINDISCH, CLAUDIA, AT
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **DEVICE FOR PROPELLING A PASSENGER**
[54] **DISPOSITIF DE PROPULSION D'UN PASSAGER**
[72] ZAPATA, FRANKIE, FR
[71] ZIPAIR, FR
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[54] **SELF-CLIMBING SYSTEM, SELF-CLIMBING UNIT AND METHOD FOR MOVING SUCH A SELF-CLIMBING UNIT ON A CONCRETE BUILDING STRUCTURE**
[54] **SYSTEME AUTO-GRIMPANT, UNITE AUTO-GRIMPANGE ET PROCEDE DE TRANSFORMATION D'UNE TELLE UNITE AUTO-GRIMPANTE SUR UNE PARTIE D'OUVRAGE EN BETON**
[72] DEIFEL, DIETER, DE
[72] ZWERENZ, ANDRE, DE
[71] PERI GMBH, DE
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[54] **SYSTEM FOR DEICING AN EXTERNAL EVAPORATOR FOR HEAT PUMP SYSTEMS**
[54] **SYSTEME DE DEGIVRAGE D'UN EVAPORATEUR EXTERNE POUR SYSTEMES DE POMPE A CHALEUR**
[72] BEGARELLI, BRUNO, IT
[71] BEGAFROST S.R.L., IT
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[54] **RECEPTEURS DES LYMPHOCYTES T**
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[72] HIBBERT, LINDA, GB
[72] LIDDY, NATHANIEL, GB
[72] MAHON, TARA, GB
[72] RAMAN, MARINE, GB
[71] IMMUNOCORE LIMITED, GB
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[54] **BEAM AND SYMBOL SELECTION TO TRANSMIT RACH**
[54] **SELECTION DE FAISCEAU ET DE SYMBOLE POUR UNE EMISSION DE RACH**
[72] ISLAM, MUHAMMAD NAZMUL, US
[72] LUO, TAO, US
[72] SADIQ, BILAL, US
[72] CEZANNE, JUERGEN, US
[72] LI, JUNYI, US
[71] QUALCOMM INCORPORATED, US
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[25] FR
[54] **ENAMEL PRINTING METHOD FOR LAMINATED GLAZING HAVING FUNCTIONAL LAYERS**
[54] **PROCEDE D'IMPRESSION D'EMAIL POUR VITRAGE FEUILLETE A COUCHES FONCTIONNELLES**
[72] DASSONVILLE, CAMILLE, FR
[72] KLEYER, DIETER, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[51] **Int.Cl. B01D 53/14 (2006.01) C10L 3/10 (2006.01)**
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[54] **PREMELANGE POUR LA PRODUCTION D'UN AGENT D'ABSORPTION POUR L'ELIMINATION DE GAZ ACIDES D'UN FLUX DE FLUIDE**
[72] INGRAM, THOMAS, DE
[72] VORBERG, GERALD, DE
[72] SIEDER, GEORG, DE
[71] BASF SE, DE
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[51] **Int.Cl. A61L 9/12 (2006.01) A01M 1/20 (2006.01)**
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[54] **DISTRIBUTEUR DE COMPOSITION VOLATILE A BOUTON-POUSSOIR RETRACTABLE**
[72] HASENOEHRL, ERIK JOHN, US
[72] VYAS, RAHUL, SG
[72] DEFLORIAN, STEFANO, IT
[72] SORDO, WALTER, IT
[72] BALDESSARI, STEFANO, IT
[72] VILARRASA, RICARD TOMAS, IT
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **METHOD FOR THE PREPARATION OF BIOSYNTHETIC DEVICE AND THEIR USES IN DIAGNOSTICS**
[54] **PROCEDE DE PREPARATION D'UN DISPOSITIF BIOSYNTHETIQUE ET SON UTILISATION A DES FINS DE DIAGNOSTIC**
[72] MOLINA, FRANCK, FR
[72] COURBET, ALEXIS, FR
[72] SANTOS SCHNEIDER, FRANCISCO, FR
[71] SKILLCELL, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] CHU MONTPELLIER, FR
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[54] **DETECTION D'EMPLACEMENTS D'ENTREE DE SABLE EN FOND DE TROU**
[72] LANGNES, TOMMY, GB
[72] THIRUVENKATANATHAN, PRADYUMNA, GB
[71] BP EXPLORATION OPERATING COMPANY LIMITED, GB
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[54] **SAMPLE RECEPTACLE FOR SPECTROPHOTOMETRY**
[54] **RECEPTACLE D'ECHANTILLON POUR SPECTROPHOTOMETRIE**
[72] SIMPKIN, RAYMOND, NZ
[72] GARRETT, AMY, NZ
[72] WILSON, DANIEL, NZ
[72] THOMPSON-BEAN, ELLIOT, NZ
[72] SHANAHAN, GREG, NZ
[71] VERIPHI LIMITED, NZ
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[72] BITTEL, ANDRE, CH
[71] OUTDOORCHEF AG, CH
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[54] **METHODS AND COMPOSITIONS FOR TREATMENT OF RETT SYNDROME**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DU SYNDROME DE RETT**
[72] BENISON, JEFFREY, US
[72] ALKON, DANIEL L., US
[71] NEUROTROPE BIOSCIENCE, INC., US
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[54] **SIGNAUX DE REFERENCE ET ADAPTATION DE LIAISON POUR SYSTEME MIMO MASSIF**
[72] SORIAGA, JOSEPH BINAMIRA, US
[72] VITTHALADEVUNI, PAVAN KUMAR, US
[72] KARAKUS, CAN, US
[72] JI, TINGFANG, US
[71] QUALCOMM INCORPORATED, US
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[25] FR
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[54] **BANC DE MESURE ET PROCEDE D'ESTIMATION D'AIMANTATIONS REMANENTES SUR CAROTTES SEDIMENTAIRES**
[72] DEMORY, FRANCOIS FERNAND EMILE ALAIN, FR
[72] QUESNEL, YOANN, FR
[72] UEHARA, MINORU, FR
[72] ROCHETTE, PIERRE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE D'AIX-MARSEILLE, FR
[85] 2018-10-05
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[71] OUTDOORCHEF AG, CH
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[25] EN
[54] **NITROGEN SUBSTITUTED AROMATIC TRIAZOLES AS CORROSION CONTROL AGENTS**
[54] **TRIAZOLES AROMATIQUES SUBSTITUES PAR DE L'AZOTE EN TANT QU'AGENTS DE REGULATION DE CORROSION**
[72] NAGU, MUTHUKUMAR, IN
[72] NAGARAJAN, AMUTHA, IN
[72] FRAIL, PAUL ROBERT, US
[72] URANKAR, EDWARD JOSEPH, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. F24C 3/12 (2006.01) A47J 37/06 (2006.01) F24C 15/10 (2006.01) F24C 15/20 (2006.01)**
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[54] **CONTROL DEVICE FOR A MODULAR HOB SYSTEM**
[54] **DISPOSITIF DE COMMANDE POUR UN SYSTEME DE PLAQUES DE CUISSON MODULAIRES**
[72] BRUCKBAUER, WILHELM, DE
[72] GOSSLER, SIEGFRIED, DE
[72] NIEDERMUHLBICHLER, BERND, AT
[72] SCHMOLLER, ANTON, AT
[71] BRUCKBAUER, WILHELM, DE
[85] 2018-10-05
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[87] (WO2017/174816)
[30] DE (10 2016 205 911.4) 2016-04-08

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[54] **CONFUSION OF MULTIPLE FILTERS IN ADAPTIVE LOOP FILTERING IN VIDEO CODING**
[54] **CONFUSION DE FILTRES MULTIPLES DANS LE FILTRAGE EN BOUCLE ADAPTATIVE EN CODAGE VIDEO**
[72] KARCZEWICZ, MARTA, US
[72] ZHANG, LI, US
[72] CHIEN, WEI-JUNG, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-10-04
[86] 2017-05-16 (PCT/US2017/032853)
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[30] US (62/337,243) 2016-05-16
[30] US (62/440,877) 2016-12-30
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[25] EN
[54] **SILVER CONTAINING ANTIMICROBIAL MATERIALS**
[54] **MATIERES ANTIMICROBIENNES CONTENANT DE L'ARGENT**
[72] AHMAD, ZAHIR, AE
[71] NOVEL TECHNOLOGIES HOLDINGS LIMITED, GB
[85] 2018-10-05
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[51] **Int.Cl. G07F 7/06 (2006.01) G07F 9/02 (2006.01)**
[25] EN
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[54] **DETECTION DE FRAUDE**
[72] NORDBRYHN, ANDREAS, NO
[72] HUNNES HELGESEN HANSEN, ANDERS, NO
[71] TOMRA SYSTEMS ASA, NO
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[54] **SYSTEME ET PROCEDE D'APPLICATION DE MATERIAU SUR UN STENT**
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[72] MCWILLIAMS, CHRIS, US
[72] CADY, CONNOR, US
[72] KRATOCHVIL, CODY JEREMIAH, US
[72] KRATOCHVIL, DYLAN JOSEPH, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **PROCEDE DE PREPARATION DE COMPOSES DE TYPE OXATHIAZINE**
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[71] GEISTLICH PHARMA AG, CH
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[54] **SYSTEME DE CULTURE DE PLANTES**
[72] CARPENTER, DWIGHT D., US
[72] HERWEYER, ANDREW J., US
[71] STILL WATER DESIGNS, INC., US
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[54] **AFFINE MOTION PREDICTION FOR VIDEO CODING**
[54] **PREDICTION DE MOUVEMENT AFFINE DESTINEE AU CODAGE VIDEO**
[72] ZOU, FENG, US
[72] CHEN, JIANLE, US
[72] KARCZEWICZ, MARTA, US
[72] LI, XIANG, US
[72] CHUANG, HSIAO-CHIANG, US
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[54] **MODULE DE TRAITE, AGENCEMENT DE TRAITE, ET PROCEDE DE TRAITE DE GROUPE D'ANIMAUX**
[72] GALLAGHER, JEFFERY, SE
[72] MANNEKE, PETER, SE
[72] CARRIGG, JOEL, SE
[72] PAWLOWICZ, SCOTT, SE
[71] DELAVAL HOLDING AB, SE
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[54] **ADDITIF DE REMPLACEMENT D'HUILE PERMETTANT DE REDUIRE LES EMISSIONS DES MOTEURS A DEUX TEMPS**
[72] UNDEN, MAGNUS, SE
[72] NILSSON, KRISTINA, SE
[71] TRIBORON INTERNATIONAL AB, SE
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[54] **SPACER DEVICE FOR TREATING A JOINT OF THE HUMAN BODY**
[54] **DISPOSITIF D'ESPACEMENT DESTINE A TRAITER UNE ARTICULATION DU CORPS HUMAIN**
[72] MAGAGNOLI, AUGUSTO, IT
[71] COSSINGTON LIMITED, GB
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[71] NISSAN MOTOR CO., LTD., JP
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[54] **PEPTIDE A FIL NEURONAL POUR PREVENIR OU REDUIRE LA PROGRESSION DU CANCER DE LA PROSTATE**
[72] AVERBACK, PAUL, BS
[71] NYMOX CORPORATION, US
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[54] **DISPOSITIF SOURCE DE LUMIERE LASER**
[72] MURAMATSU, SHUNSUKE, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
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[54] **TRANSCRANIAL MAGNETIC STIMULATION SYSTEM AND POSITIONING ASSISTANCE METHOD AND PROGRAM**
[54] **SYSTEME DE STIMULATION MAGNETIQUE TRANSCRANIENNE, PROCEDE D'AIDE AU POSITIONNEMENT, ET PROGRAMME**
[72] SAITOH, YOUICHI, JP
[72] HOSOMI, KOICHI, JP
[72] GOTO, YUKO, JP
[72] SHIMIZU, TAKESHI, JP
[72] MIYAJIMA, KAZUMOTO, JP
[72] FUJIMOTO, KATSUSHI, JP
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[71] TEIJIN PHARMA LIMITED, JP
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[54] **CONNECTEURS A DEPLACEMENT A RIGIDITE ELEVEE A LA FLEXION ET ACTIONNEURS PIEZOELECTRIQUES CONSTITUES DE CEUX-CI**
[72] LIM, LEONG CHEW, SG
[72] HUANG, YU, SG
[72] XIA, YUEXUE, SG
[72] LIN, DIAN-HUA, SG
[71] MICROFINE MATERIALS TECHNOLOGIES PTE LTD, SG
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[54] **ACIER INOXYDABLE AUSTENITIQUE ET PROCEDE POUR LE FABRIQUER**
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[72] SAGARA, MASAYUKI, JP
[72] YAMADA, KENTA, JP
[72] OSUKI, TAKAHIRO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **META-LENSES FOR SUB-WAVELENGTH RESOLUTION IMAGING**
[54] **META-LENTILLES POUR IMAGERIE A RESOLUTION INFERIEURE A LA LONGUEUR D'ONDE**
[72] CAPASSO, FEDERICO, US
[72] CHEN, WEI TING, US
[72] DEVLIN, ROBERT CHARLES, US
[72] KHORASANINEJAD, MOHAMMADREZA, US
[72] OH, JAEWON, US
[72] ZHU, ALEXANDER, US
[72] ROQUES-CARMES, CHARLES, US
[72] MISHRA, ISHAN, US
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[54] **COMMANDE DE FORCE ET DE POSITION D'ACTIONNEURS DE FREIN ELECTRIQUES**
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[72] KNIGHT, SCOTT G., US
[71] MEGGITT AIRCRAFT BRAKING SYSTEMS CORPORATION, US
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[54] **MERGE CANDIDATES FOR MOTION VECTOR PREDICTION FOR VIDEO CODING**
[54] **CANDIDATS DE FUSION SERVANT A UNE PREDICTION DE VECTEURS DE MOUVEMENT SERVANT A UN CODAGE VIDEO**
[72] LEE, SUNGWON, US
[72] CHIEN, WEI-JUNG, US
[72] ZHANG, LI, US
[72] KARCZEWICZ, MARTA, US
[71] QUALCOMM INCORPORATED, US
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[54] **GENES D'ALGUES ET DE CHAMPIGNONS ET LEURS UTILISATIONS POUR LA BIOSYNTHESE DE TAURINE DANS DES CELLULES**
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[71] PLANT SENSORY SYSTEMS, LLC, US
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[72] TAKAHASHI, YOSHINORI, JP
[71] EISAI R&D MANAGEMENT CO., LTD., JP
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[54] **PIPETTE FOR SAMPLING AN EXTENDED RANGE OF VOLUMES OF LIQUID**
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[72] GUICHARDON, STEPHANE, FR
[71] GILSON SAS, FR
[85] 2018-10-05
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[54] **PLANCHE TECHNIQUE ET SON PROCEDE DE FABRICATION**
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[72] CHEN, ZHU, US
[71] FLOORING INDUSTRIES LIMITED, SARL, LU
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[54] **PIPE DEPLOYMENT TRAILER**
[54] **REMORQUE DE POSE DE TUYAU**
[72] WHITE, CHRISTOPHER, US
[72] HELBING, KYLE, US
[72] WINN, ALEXANDER LEE, US
[71] FLEXSTEEL PIPELINE TECHNOLOGIES, INC., US
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[54] **MDM2 PROTEIN DEGRADERS**
[54] **AGENTS DE DEGRADATION DE PROTEINE MDM2**
[72] WANG, SHAOMENG, US
[72] LI, YANGBING, GB
[72] YANG, JIULING, US
[72] AGUILAR, ANGELO, US
[72] ZHOU, BING, CN
[72] HU, JIANTAO, US
[72] XU, FUMING, US
[72] REJ, ROHAN, US
[72] HAN, XIN, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
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[54] **COMPOSITIONS ET METHODES DE TRAITEMENT SYNERGIQUES D'UN GLYCOCALYX**
[72] LONG, ROBERT MAXFIELD, US
[72] VINK, HANS, NL
[71] MICROVASCULAR HEALTH SOLUTIONS, LLC, US
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[54] **COMPOSITIONS DE DICYCLOPENTADIENE MERCAPTANISE ET LEUR UTILISATION COMME COLLECTEUR CHIMIQUE POUR L'EXPLOITATION MINIERE**
[72] BYERS, JIM, US
[72] MATSON, MICHAEL, US
[72] KREIDER, JASON, US
[72] LASSEN, KENNETH, US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
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[72] DIEHL, ANDREW KARL, NZ
[72] SARRATT, ANDREW, NZ
[72] RYDER, EMERSON, NZ
[72] READMAN, KEN, NZ
[72] KING, NATHAN, NZ
[71] HOLMES SOLUTIONS LIMITED PARTNERSHIP, NZ
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[54] **SYSTEME DE TRAITEMENT DE DONNEES AVEC TRANSFERT D'ENERGIE**
[72] SASSATELLI, GILLES, FR
[72] GAMATIE, ABDOULAYE, FR
[72] ROBERT, MICHEL, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE MONTPELLIER, FR
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[54] **INTERMEDIAIRES MONOFONCTIONNELS POUR LA DEGRADATION D'UNE PROTEINE CIBLE DEPENDANTE DU LIGAND**
[72] WANG, SHAOMENG, US
[72] LI, YANGBING, US
[72] AGUILAR, ANGELO, US
[72] ZHOU, BING, CN
[72] HU, JIANTAO, US
[72] XU, FUMING, US
[72] QIN, CHONG, US
[72] HU, YANG, US
[72] XIANG, WEIGUO, US
[72] REJ, ROHAN, US
[72] YANG, JIULING, US
[72] HAN, XIN, US
[72] BAI, LONGCHUAN, US
[72] YANG, CHAO-YIE, US
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[30] US (62/321,499) 2016-04-12
[30] US (62/393,888) 2016-09-13
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[54] **SYSTEMS AND METHODS FOR UTILIZING PROPERTY FEATURES FROM IMAGES**
[54] **SYSTEMES ET PROCEDES D'UTILISATION DE CARACTERISTIQUES DE PROPRIETES PROVENANT D'IMAGES**
[72] STRONG, SHADRIAN, US
[72] DYRUD, LARS, US
[72] MURR, DAVID, US
[71] OMNIEARTH, INC., US
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[54] **SYSTEMS AND METHODS FOR DELIVERING CONTAINERS USING AN AUTONOMOUS DOLLY**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE DISTRIBUER DES CONTENANTS A L'AIDE D'UN CHARIOT AUTONOME**
[72] ATCHLEY, MICHAEL D., US
[72] HIGH, DONALD R., US
[72] THOMPSON, JOHN P., US
[72] JONES, NATHAN G., US
[71] WALMART APOLLO, LLC, US
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[54] **COMPOSITION A CONSTITUANTS MULTIPLES POUR LA PRODUCTION D'UN HYDROGEL INHIBITEUR DE CORROSION**
[72] HAUFE, MARKUS, CH
[72] HUG, MAX, CH
[72] BAKALLI, MIRDASH, CH
[71] SIKA TECHNOLOGY AG, CH
[85] 2018-10-05
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[54] **PYRAZOLO[1,5-A]PYRIMIDINYL CARBOXAMIDE COMPOUNDS AND THEIR USE IN THE TREATMENT OF MEDICAL DISORDERS**
[54] **COMPOSES DE PYRAZOLO[1,5-A]PYRIMIDINYL CARBOXAMIDE ET LEUR UTILISATION DANS LE TRAITEMENT DE TROUBLES MEDICAUX**
[72] SKERLJ, RENATO T., US
[72] BOURQUE, ELYSE MARIE JOSEE, CA
[72] LANSBURY, PETER T., US
[72] GOOD, ANDREW C., US
[71] LYSOSOMAL THERAPEUTICS INC., US
[85] 2018-10-04
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[54] **POLYACRYLATE OIL GEL COMPOSITION**
[54] **COMPOSITION DE GEL D'HUILE DE POLYACRYLATE**
[72] CHEN, LIANG, US
[72] CHEN, YUNSHEN, US
[72] KOENIG, JENNIFER, US
[72] LIU, XIANG QIAN, US
[72] ZENG, FANWEN, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2018-10-05
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[54] **FAULT-TOLERANT POWER DISTRIBUTION SYSTEMS FOR A MODULAR POWER PLANT**
[54] **SYSTEMES DE DISTRIBUTION DE PUISSANCE TOLERANTS AUX PANNES POUR UNE CENTRALE ELECTRIQUE MODULAIRE**
[72] HOUGH, TED, US
[71] NUSCALE POWER, LLC, US
[85] 2018-10-05
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[54] **HUMIDIFICATION CHAMBER AND CHAMBER SEAL FOR A RESPIRATORY ASSISTANCE APPARATUS**
[54] **CHAMBRE D'HUMIDIFICATION ET JOINT DE CHAMBRE POUR UN APPAREIL D'ASSISTANCE RESPIRATOIRE**
[72] LETTON, ANDREW MARTIN, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2018-10-05
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[54] **METHOD AND SYSTEM FOR POST-TRANSACTION REWARDS**
[54] **PROCEDE ET SYSTEME DESTINES AUX RETRIBUTIONS POST-TRANSACTION**
[72] CLARK, KYLE PATRICK, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-10-05
[86] 2017-02-14 (PCT/US2017/017787)
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[54] **FUME EXTRACTION DEVICE**
[54] **DISPOSITIF D'EXTRACTION**
[72] LIEBSCH, JURGEN, DE
[71] WALDNER LABOREINRICHTUNGEN GMBH & CO. KG, DE
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[54] **ACCESSOIRE POUR DISPOSITIF A FUMER**
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[71] NEIGUT, STEPHEN, US
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[54] **CLEF A ROCHET**
[72] MILLS, TOMMY, US
[72] BERTAGNOLE, KENDALL, US
[72] AYALA, JAY, US
[71] TRIBUS INNOVATIONS, LLC, US
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[54] **HIGH DEFINITION MULTIMEDIA INTERFACE TEST SYSTEM**
[54] **SYSTEME DE TEST D'INTERFACE MULTIMEDIA HAUTE DEFINITION**
[72] BLAKEA, JOSHUA, US
[72] CLARK, BRANDON, US
[71] STEREN ELECTRONICS INTERNATIONAL, LLC, US
[85] 2018-10-05
[86] 2017-02-15 (PCT/US2017/017994)
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[54] **MACROCYCLIC INHIBITORS OF THE PD-1/PD-L1 AND CD80/PD-L1 PROTEIN/PROTEIN INTERACTIONS**
[54] **INHIBITEURS MACROCYCLIQUES DES INTERACTIONS PROTEINE-PROTEINE PD-/PD-L1 ET CD80(-1)/PD-L1**
[72] MILLER, MICHAEL MATTHEW, US
[72] ALLEN, MARTIN PATRICK, US
[72] LI, LING, US
[72] BOWSHER, MICHAEL S., US
[72] GILLIS, ERIC P., US
[72] MULL, ERIC, US
[72] ZHAO, QIAN, US
[72] SUN, LI-QIANG, US
[72] LANGLEY, DAVID R., US
[72] SCOLA, PAUL MICHAEL, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[54] **METHOD AND SYSTEM FOR STANDALONE REAL-TIME REWARDS**
[54] **PROCEDE ET SYSTEME DE RECOMPENSES AUTONOMES EN TEMPS REEL**
[72] CLARK, KYLE PATRICK, US
[72] GUINEY, CHRISTOPHER ANDREW, US
[72] PASTRANA, JENSEN JAMES E., US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
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[86] 2017-02-14 (PCT/US2017/017792)
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[54] **SYSTEMS AND METHODS FOR LOCATING CONTAINERS WITH LOW INVENTORY**
[54] **SYSTEMES ET PROCEDES DE LOCALISATION DE CAISSES AYANT UN STOCK BAS**
[72] TAYLOR, ROBERT J., US
[72] JONES, NICHOLAUS A., US
[72] VASGAARD, AARON J., US
[72] JONES, MATTHEW A., US
[71] WALMART APOLLO, LLC, US
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[54] **DISPOSITIF D'ANCRAGE COMPORTANT UN MANCHON ONDULE**
[72] VELTEN, SIMON, AT
[72] SCHAEFFER, MARC, CH
[71] HILTI AKTIENGESELLSCHAFT, LI
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[54] **IMIDAZO [1,5-A]PYRIMIDINYL CARBOXAMIDE COMPOUNDS AND THEIR USE IN THE TREATMENT OF MEDICAL DISORDERS**
[54] **COMPOSES IMIDAZO [1,5-A]PYRIMIDINYL CARBOXAMIDE ET LEUR UTILISATION DANS LE TRAITEMENT DE TROUBLES MEDICAUX**
[72] SKERLJ, RENATO T., US
[72] BOURQUE, ELYSE MARIE JOSEE, CA
[72] LANSBURY, PETER T., US
[72] GREENLEE, WILLIAM J., US
[72] GOOD, ANDREW C., US
[71] LYSOSOMAL THERAPEUTICS INC., US
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[54] **TECHNIQUES FOR ROBUSTLY PREDICTING PERCEPTUAL VIDEO QUALITY**
[54] **TECHNIQUES POUR PREDIRE DE MANIERE FIABLE UNE QUALITE VIDEO PERCEPTIVE**
[72] AARON, ANNE, US
[72] LI, ZHI, US
[72] GOODALL, TODD, US
[71] NETFLIX, INC., US
[85] 2018-10-05
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[54] **MOUNTING STEM FOR INFLATION VALVE AND SENSOR**
[54] **TIGE DE MONTAGE POUR VALVE DE GONFLAGE ET CAPTEUR**
[72] GONZALEZ, FREDDIE, JR., US
[72] DUNCAN, ANTHONY B., US
[71] BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC, US
[85] 2018-10-05
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[54] **NEW DECONTAMINATION SURROGATE MICROORGANISMS**
[72] ALVAREZ MARTIN, PABLO, FR
[72] KHINOUCHE, KARIM-FRANCK, FR
[71] NOVOLYZE, FR
[85] 2018-10-05
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[54] **PYRROLO[1,2-A]PYRIMIDINYL CARBOXAMIDE COMPOUNDS AND THEIR USE IN THE TREATMENT OF MEDICAL DISORDERS**
[54] **COMPOSES PYRROLO[1,2-A]PYRIMIDINYL CARBOXAMIDE ET LEUR UTILISATION DANS LE TRAITEMENT DE TROUBLES MEDICAUX**
[72] SKERLJ, RENATO T., US
[72] BOURQUE, ELYSE MARIE JOSEE, CA
[72] LANSBURY, PETER T., US
[72] GREENLEE, WILLIAM J., US
[72] GOOD, ANDREW C., US
[71] LYSOSOMAL THERAPEUTICS INC., US
[85] 2018-10-04
[86] 2017-04-06 (PCT/US2017/026284)
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[54] **FIBER COMMUNICATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE COMMUNICATION PAR FIBRE**
[72] JIA, ZHENSHENG, US
[72] CAMPOS, LUIS ALBERTO, US
[72] KNITTLE, CURTIS DEAN, US
[71] CABLE TELEVISION LABORATORIES, INC., US
[85] 2018-10-05
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[54] **CELL-FREE PRODUCTION OF RIBONUCLEIC ACID**
[54] **PRODUCTION ACELLULAIRE D'ACIDE RIBONUCLEIQUE**
[72] BLAKE, WILLIAM JEREMY, US
[72] CUNNINGHAM, DREW S., US
[72] MACEACHRAN, DANIEL, US
[72] ABSHIRE, JAMES ROBBINS, US
[72] GUPTA, MEHAK, US
[71] GREENLIGHT BIOSCIENCES, INC., US
[85] 2018-10-04
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[54] **NOVEL PNEUMOCOCCAL VACCINE FORMULATIONS**
[54] **NOUVELLES FORMULATIONS DE VACCIN ANTIPNEUMOCOCCIQUE**
[72] PFEIFER, BLAINE, US
[72] JONES, CHARLES, US
[72] LOVELL, JONATHAN, CA
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
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[51] **Int.Cl. A61H 9/00 (2006.01)**
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[54] **LIP ENHANCEMENT DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE D'AUGMENTATION DES LEVRES**
[72] NELSON, BRETT, US
[72] FREDRICKSON, GINA M., US
[72] ERNSTER, LOGAN, US
[72] BACHMAN, TIM, US
[71] JUVALIPS, LLC, US
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[54] **SYSTEMES ET PROCEDES DE DISTRIBUTION D'ARTICLES DE MARCHANDISE A L'AIDE D'UN APPAREIL TRANSPORTEUR**
[72] SHIELDS, DAVID C., US
[72] SHIELDS, DANIEL R., US
[71] WALMART APOLLO, LLC, US
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[54] **PHENYL UREA DERIVATIVES AS N-FORMYL PEPTIDE RECEPTOR MODULATORS**
[54] **DERIVES DE PHENYLUREE SERVANT DE MODULATEURS DES RECEPTEURS DES PEPTIDES N-FORMYLES**
[72] DUONG, TIEN T., US
[72] BEARD, RICHARD L., US
[72] GARST, MICHAEL E., US
[71] ALLERGAN, INC., US
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[54] **ANALYSE MULTIPLEXEE DE PROJECTIONS DE NEURONES PAR SEQUENCAGE**
[72] ZADOR, ANTHONY, US
[72] KEBSCHULL, JUSTUS, US
[71] COLD SPRING HARBOR LABORATORY, US
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[54] **COFFRE VERROUILLABLE POUR ARME A FEU**
[72] PENLAND, RUSTIN, US
[71] PENLAND, RUSTIN, US
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[54] **MACHINE DE TACLE**
[72] ANTONOV, STEFAN RAYCHEV, BG
[71] ANTONOV, STEFAN RAYCHEV, BG
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[54] **FIRE SUPPRESSION SYSTEM MODULES AND METHODS OF SEALING**
[54] **MODULES DE SYSTEME D'EXTINCTION D'INCENDIE ET PROCEDES D'ETANCHEIFICATION**
[72] COUNTS, BRIAN LEE, US
[72] RYCZEK, CHAD LEE, US
[72] FERNSTRUM, MARVIN B., US
[71] TYCO FIRE PRODUCTS LP, US
[85] 2018-10-05
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[30] US (62/320,413) 2016-04-08

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[54] **FLEXIBLE THERMOELECTRIC ENGINE**
[54] **MOTEUR THERMOELECTRIQUE FLEXIBLE**
[72] KOZLOWSKI, ERIC, US
[72] DAVIS, JASON, US
[72] STEPANOV, ARTUR, US
[71] MAGNA SEATING INC., CA
[85] 2018-10-05
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[30] US (62/318,797) 2016-04-06

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[51] **Int.Cl. G06F 21/30 (2013.01) G06F 9/44 (2018.01) H04L 29/06 (2006.01)**
[25] EN
[54] **TECHNIQUES FOR IMPLEMENTING PERSISTENTLY INTERACTIVE SOFTWARE ROBOTS**
[54] **TECHNIQUES DE MISE EN □UVRE DE ROBOTS LOGICIELS CONTINUELLEMENT INTERACTIFS**
[72] KIM, YOONGU, US
[71] SOROCO PRIVATE LIMITED, GB
[85] 2018-10-05
[86] 2017-04-05 (PCT/US2017/026201)
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[25] EN
[54] **METHOD FOR MEASURING ACTUAL DISTANCE OF HUMAN BODY AND CUSTOMIZING SPECTACLE FRAME**
[54] **PROCEDE DE MESURE D'UNE DISTANCE REELLE DU CORPS HUMAIN ET DE PERSONNALISATION DE MONTURE DE LUNETTES**
[72] LE, MEIHUA, CN
[71] I-GLASSES VISION TECHNOLOGY LLC, CN
[85] 2018-10-02
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[25] EN
[54] **METHOD FOR APPLYING A PECVD LUBRICITY LAYER WITH A MOVING GAS INLET**
[54] **PROCEDE D'APPLICATION D'UNE COUCHE DE LUBRIFICATION PECVD AVEC ENTREE DE GAZ MOBILE**
[72] NEWTON, JAMES, US
[72] LILLY, BRIAN RUSSELL, US
[72] CLARK, BECKY L., US
[72] WILLS, MATTHEW, US
[72] TAHA, AHMAD, US
[72] PHILLIPS, VICTOR, US
[71] SIO2 MEDICAL PRODUCTS, INC., US
[85] 2018-10-05
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[87] (WO2017/177120)
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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 39/44 (2006.01) A61K 49/16 (2006.01)**
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[54] **METHOD OF TREATING EARLY STAGE DUPUYTREN'S DISEASE**
[54] **PROCEDE DE TRAITEMENT DE LA MALADIE DE DUPUYTREN A UN STADE PRECOCE**
[72] NANCHAHAL, JAGDEEP, GB
[72] LARSEN, GLENN R., US
[72] FELDMANN, MARC, GB
[71] 180 THERAPEUTICS LP, US
[85] 2018-10-05
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[51] **Int.Cl. G06F 11/34 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR METERING AND MONITORING PRINTER RELATED DATA ON NON-NETWORKED PRINTERS**
[54] **APPAREIL ET PROCEDE DE MESURE ET DE SURVEILLANCE DE DONNEES RELATIVES A UNE IMPRIMANTE SUR DES IMPRIMANTES EN RESEAU**
[72] DOYLE, DANIEL, SR., US
[72] ADESSO, PATRICK, US
[72] CASTILLENTI, JILL, US
[72] HECHT, GIDEON, US
[72] LAUMAN, BRIAN, US
[72] ROBINSON, SCOTT, US
[72] DOYLE, DANIEL, JR., US
[71] EMERGE PRINT MANAGEMENT, LLC, US
[85] 2018-10-05
[86] 2017-04-06 (PCT/US2017/026393)
[87] (WO2017/177030)
[30] US (62/318,826) 2016-04-06
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[54] **NANOPARTICLES FOR DRUG DELIVERY TO TREAT BONE DISEASE**
[54] **NANOPARTICULES POUR L'ADMINISTRATION DE MEDICAMENT DESTINEES A TRAITER UNE MALADIE OSSEUSE**
[72] LABHASETWAR, VINOD, US
[72] ADJEI, ISSAC M., US
[71] THE CLEVELAND CLINIC FOUNDATION, US
[85] 2018-10-05
[86] 2017-04-07 (PCT/US2017/026599)
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[25] EN
[54] **CHIMERIC ANTIGEN RECEPTOR T CELL COMPOSITIONS**
[54] **COMPOSITIONS DE LYMPHOCYTES T RECEPTEURS D'ANTIGENES CHIMERIQUES**
[72] CERTO, MICHAEL T., US
[72] LEUNG, WAI-HANG, US
[71] BLUEBIRD BIO, INC., US
[85] 2018-10-05
[86] 2017-04-07 (PCT/US2017/026602)
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[30] US (62/319,703) 2016-04-07
[30] US (62/322,547) 2016-04-14

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[51] **Int.Cl. G08B 25/04 (2006.01)**
[25] EN
[54] **MODULAR AND EXPANDABLE FIRE SUPPRESSION SYSTEMS AND METHODS**
[54] **SYSTEME D'EXTINCTION D'INCENDIE MODULAIRE ET EXTENSIBLE**
[72] FERNSTRUM, MARVIN B., US
[72] COUNTS, BRIAN LEE, US
[71] TYCO FIRE PRODUCTS LP, US
[85] 2018-10-05
[86] 2017-04-06 (PCT/US2017/026394)
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[30] US (62/320,407) 2016-04-08

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[25] EN
[54] **SYSTEMS AND METHODS FOR DRONE DISPATCH AND OPERATION**
[54] **SYSTEMES ET PROCEDES D'EXPEDITION ET DE FONCTIONNEMENT DE DRONE**
[72] HIGH, DONALD, US
[72] JONES, NATHAN GLENN, US
[72] HICKS, GREGORY, US
[71] WALMART APOLLO, LLC, US
[85] 2018-10-05
[86] 2017-04-07 (PCT/US2017/026604)
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[51] **Int.Cl. A61K 38/29 (2006.01) A61K 9/70 (2006.01) A61K 47/04 (2006.01) C07K 14/635 (2006.01)**
[25] EN
[54] **FORMULATIONS OF ABALOPARATIDE, TRANSDERMAL PATCHES THEREOF, AND USES THEREOF**
[54] **FORMULATIONS D'ABALOPARATIDE, TIMBRES TRANSDERMIQUES LES CONTENANT, ET UTILISATIONS DE CELLES-CI**
[72] HATTERSLEY, GARY, US
[72] HARRIS, ALAN, US
[72] SAEH, JAMAL, US
[72] HAMED, EHAB, US
[71] RADIUS HEALTH, INC., US
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[30] US (PCT/US2016/056196) 2016-10-08
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[25] EN
[54] **REFLECTOR MARKERS AND SYSTEMS AND METHODS FOR IDENTIFYING AND LOCATING THEM**
[54] **MARQUEURS REFLECHISSANTS ET SYSTEMES POUR IDENTIFIER ET LOCALISER CES DERNIERS**
[72] GREENE, JOHN E., US
[72] RULKOV, NIKOLAI, US
[72] WHITE, JONATHAN, US
[71] CIANNA MEDICAL, INC., US
[85] 2018-10-05
[86] 2017-04-06 (PCT/US2017/026468)
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[30] US (62/319,225) 2016-04-06
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[54] **SHOWER HEADER SPRAY SYSTEM**
[54] **SYSTEME DE PULVERISATION DE TYPE TETE DE DOUCHE**
[72] DRUMMOND, BENJAMIN H., US
[71] SPRAYING SYSTEMS CO., US
[85] 2018-10-05
[86] 2017-04-07 (PCT/US2017/026502)
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[30] US (62/319,671) 2016-04-07

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[51] **Int.Cl. H04J 11/00 (2006.01) H04L 5/00 (2006.01)**
[25] EN
[54] **PHY LAYER MULTIPLEXING OF DIFFERENT TYPES OF TRAFFIC IN 5G SYSTEMS**
[54] **MULTIPLEXAGE DE COUCHE PHY DE DIFFERENTS TYPES DE TRAFIC DANS DES SYSTEMES 5G**
[72] BALA, ERDEM, US
[72] SAHIN, ALPHAN, US
[72] LEE, MOON-IL, US
[72] BELURI, MIHAELA, C., US
[72] YANG, RUI, US
[72] STERN-BERKOWITZ, JANET A., US
[72] XI, FENGJUN, US
[72] HAGHIGHAT, AFSHIN, CA
[71] IDAC HOLDINGS, INC., US
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[25] EN
[54] **DRUG DELIVERY DEVICE, METHOD OF MANUFACTURE, AND METHOD OF USE**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT, PROCEDE DE FABRICATION ET PROCEDE D'UTILISATION**
[72] GIBSON, SCOTT R., US
[72] MOBERG, SHELDON B., US
[72] TAHA, BASEL HASAN, US
[72] BOYAVAL, MARGAUX FRANCES, US
[72] DESTEFANO, MARK A., US
[72] LAURENCE, LAWTON, US
[72] LOVE, JOHN C., US
[72] HANSON, IAN B., US
[72] BENTE, PAUL F., IV, US
[72] CLEMENTE, MATTHEW J., US
[72] UBACH, ANTONIO, US
[72] RAMASWAMY, RAJAN, US
[72] CODD, DANIEL S., US
[72] BEAVER, SCOTT, US
[72] BOKELMAN, KEVIN L., US
[72] DARDANI, IAN P., US
[72] O'CONNOR, SEAN M., US
[72] FELDMAN, DANIELLE, US
[71] AMGEN INC., US
[85] 2018-10-05
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[54] **INNATE METABOLIC IMAGING OF CELLULAR SYSTEMS**
[54] **IMAGERIE METABOLIQUE INNEE DE SYSTEMES CELLULAIRES**
[72] LEFTIN, AVIGDOR, US
[72] KOUTCHER, JASON, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
[85] 2018-10-05
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[51] **Int.Cl. A61K 38/19 (2006.01) A61P 1/18 (2006.01) A61P 25/04 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING PANCREATITIS AND PAIN WITH DEATH RECEPTOR AGONISTS**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE LA PANCREATITE ET DE LA DOULEUR AVEC DES AGONISTES DU RECEPTEUR DE MORT**
[72] LEE, SEULKI, US
[72] POMPER, MARTIN G., US
[72] PARK, OGYI, US
[72] SWIERCZEWSKA, MAGDALENA, US
[72] PASRICHA, PANKAJ J., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2018-10-05
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[51] **Int.Cl. C07C 69/34 (2006.01)**
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[54] **DIESTERS FOR PERSONAL CARE APPLICATIONS DERIVED FROM 1-METHYLHEPTYL ALCOHOL**
[54] **DIESTERS POUR APPLICATIONS DE SOINS PERSONNELS DERIVES D'ALCOOL DE 1-METHYLHEPTYLE**
[72] BURGO, ROCCO, US
[72] WINN, DANIEL, US
[71] INOLEX INVESTMENT CORPORATION, US
[85] 2018-10-05
[86] 2017-04-07 (PCT/US2017/026654)
[87] (WO2017/177165)
[30] US (62/319,620) 2016-04-07

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[51] **Int.Cl. F28D 9/00 (2006.01) B21D 53/04 (2006.01) F28F 9/02 (2006.01)**
[25] EN
[54] **A HEAT EXCHANGER PLATE, A PLATE HEAT EXCHANGER, AND A METHOD OF MAKING A PLATE HEAT EXCHANGER**
[54] **PLAQUE D'ECHANGEUR DE CHALEUR, ECHANGEUR DE CHALEUR A PLAQUE ET PROCEDE DE FABRICATION D'ECHANGEUR DE CHALEUR A PLAQUE**
[72] ROMLUND, JENS, SE
[71] ALFA LAVAL CORPORATE AB, SE
[85] 2018-10-05
[86] 2017-03-13 (PCT/EP2017/055803)
[87] (WO2017/174301)
[30] SE (1650468-0) 2016-04-06

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[51] **Int.Cl. A23L 2/66 (2006.01) C07K 14/78 (2006.01)**
[25] EN
[54] **A METHOD TO ENHANCE WOUND HEALING USING SILK-DERIVED PROTEIN**
[54] **PROCEDE POUR AMELIORER LA CICATRISATION DE PLAIES A L'AIDE DE PROTEINES DERIVEES DE LA SOIE**
[72] ABDEL-NABY, WALEED, US
[72] ROSENBLATT, MARK, US
[72] LAWRENCE, BRIAN, US
[72] INFANGER, DAVID, US
[71] CORNELL UNIVERSITY, US
[71] SILK TECHNOLOGIES, LTD., US
[85] 2018-10-05
[86] 2017-04-07 (PCT/US2017/026656)
[87] (WO2017/200659)
[30] US (62/320,177) 2016-04-08

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[51] **Int.Cl. C12N 15/09 (2006.01) A61K 31/7115 (2006.01) A61K 31/7125 (2006.01) C07H 21/02 (2006.01) C12N 15/11 (2006.01)**
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[54] **MULTIMERIC CODING NUCLEIC ACID AND USES THEREOF**
[54] **ACIDE NUCLEIQUE CODANT MULTIMERE ET SES UTILISATIONS**
[72] DEROSA, FRANK, US
[72] HEARTLEIN, MICHAEL, US
[72] CRAWFORD, DANIEL, US
[72] KARVE, SHRIRANG, US
[71] TRANSLATE BIO, INC., US
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[86] 2017-04-07 (PCT/US2017/026660)
[87] (WO2017/177169)
[30] US (62/320,073) 2016-04-08

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[51] **Int.Cl. C07K 7/00 (2006.01) C07K 7/06 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **TDP-43 MITOCHONDRIAL LOCALIZATION INHIBITOR FOR THE TREATMENT OF NEURODEGENERATIVE DISEASE**
[54] **INHIBITEUR DE LA LOCALISATION MITOCHONDRIALE DE TDP -43 POUR LE TRAITEMENT D'UNE MALADIE NEURODEGENERATIVE**
[72] WANG, XINGLONG, US
[71] CASE WESTERN RESERVE UNIVERSITY, US
[85] 2018-10-05
[86] 2017-04-07 (PCT/US2017/026675)
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[54] **HEART RATE VARIABILITY AND DROWSINESS DETECTION**
[54] **DETECTION DE VARIABILITE DE FREQUENCE CARDIAQUE ET DE SOMNOLENCE**
[72] CARRARO, BRUNO D., US
[72] KOZLOWSKI, ERIC, US
[72] NARDICCHIO, DINO S., US
[72] BENNINGER, GARY, US
[71] MAGNA SEATING INC., CA
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[86] 2017-04-10 (PCT/US2017/026787)
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[30] US (62/319,854) 2016-04-08

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[51] **Int.Cl. G06F 19/00 (2018.01) A61K 38/37 (2006.01) A61P 7/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING A PHARMACOKINETIC DRUG DOSING REGIMEN**
[54] **METHODE ET APPAREIL GENERANT UN SCHEMA POSOLOGIQUE PHARMACOCINETIQUE**
[72] KUCHIMANCHI, KAMESWARA RAO, US
[72] LOEW-BASELLI, ALEXANDRA, AT
[72] SPOTTS, GERALD, US
[72] OH, MYUNGSHIN, US
[72] HALE, MICHAEL DON, US
[72] WOLFSEGGER, MARTIN, AT
[71] BAXALTA INCORPORATED, US
[71] BAXALTA GMBH, CH
[85] 2018-10-05
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[30] US (62/323,015) 2016-04-15

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[51] **Int.Cl. C22C 14/00 (2006.01) B33Y 70/00 (2015.01) B22F 3/105 (2006.01)**
[25] EN
[54] **BCC MATERIALS OF TITANIUM, ALUMINUM, NIOBIUM, VANADIUM, AND MOLYBDENUM, AND PRODUCTS MADE THEREFROM**
[54] **MATERIAUX BCC EN TITANE, ALUMINIUM, NIOBIUM, VANADIUM ET MOLYBDENE, ET PRODUITS FABRIQUES A PARTIR DE CEUX-CI**
[72] LIN, JEN C., US
[72] YAN, XINYAN, US
[72] SABOL, JOSEPH C., US
[72] HEARD, DAVID W., US
[72] ZARANDI, FARAMARZ MH, US
[72] SUN, FUSHENG, US
[72] CRIST, ERNEST M., JR., US
[72] TAMIRISAKANDALA, SESH A., US
[71] ARCONIC INC., US
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[51] **Int.Cl. C07D 207/452 (2006.01) A61K 31/4035 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) C07D 207/456 (2006.01) C07D 209/48 (2006.01)**
[25] EN
[54] **AMINOBENZOIC ACID DERIVATIVES FOR USE AS ANTI-INFLAMMATORY AGENTS, ANTI-METASTATIC AGENTS AND/OR ANTICANCER AGENTS**
[54] **DERIVES D'ACIDE AMINOBENZOIQUE DESTINES A ETRE UTILISES EN TANT QU'AGENTS ANTI-INFLAMMATOIRES, AGENTS ANTI-METASTATIQUES ET/OU AGENTS ANTICANCEREUX**
[72] BERUBE, GERVAIS, CA
[72] REYES-MORENO, CARLOS, CA
[71] 3R VALO, S.E.C., CA
[85] 2018-10-09
[86] 2017-04-10 (PCT/CA2017/050432)
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[30] US (62/320,654) 2016-04-11

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[51] **Int.Cl. G07F 11/00 (2006.01)**
[25] EN
[54] **INTERACTIVE VENDING SYSTEM**
[54] **SYSTEME INTERACTIF EN RESEAU POUR SELECTIONNER UN OBJET A LA VENTE**
[72] HUANG, MING-JIAN, CN
[72] CHU, EN-HSIN, CN
[72] HUANG, YU-TSEN, CN
[72] HUANG, KUAN-WEI, CN
[71] HUANG, MING-JIAN, CN
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[51] **Int.Cl. A62B 7/10 (2006.01) A62B 9/00 (2006.01)**
[25] EN
[54] **A WEARABLE THREE-CHAMBER NEGATIVE OXYGEN ION BREATHING APPARATUS**
[54] **APPAREIL RESPIRATOIRE A IONS OXYGENE NEGATIFS A TROIS CHAMBRES PORTABLE**
[72] LIU, YANBING, CN
[72] LIU, QIJIA, CA
[72] LIU, QIRUI, CA
[71] LIU, YANBING, CN
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[30] CN (201610067119.X) 2016-01-30

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[51] **Int.Cl. C12N 9/88 (2006.01) C12P 5/02 (2006.01)**
[25] EN
[54] **3-METHYLCROTONIC ACID DECARBOXYLASE (MDC) VARIANTS**
[54] **VARIANTES DE LA DECARBOXYLASE DE L'ACIDE 3-METHYLCROTONIQUE (MDC)**
[72] STRICHER, FRANCOIS, FR
[72] VILLIERS, BENOIT, FR
[71] GLOBAL BIOENERGIES, FR
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[86] 2017-05-04 (PCT/EP2017/060621)
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[30] EP (16168448.5) 2016-05-04
[30] EP (16199502.2) 2016-11-18

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[51] **Int.Cl. E02F 3/88 (2006.01) B66C 13/48 (2006.01) E02F 3/90 (2006.01) E04G 21/04 (2006.01) B66C 13/18 (2006.01) B66C 13/50 (2006.01) E02F 3/30 (2006.01) E02F 3/94 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING THE MOVEMENT OF AN ARTICULATED HOSE CARRIER OF A SUCTION EXCAVATOR**
[54] **PROCEDE DE COMMANDE DE DEPLACEMENT D'UN PORTE-FLEXIBLE ARTICULE D'UNE DRAGUE SUCEUSE**
[72] RENGER, MARINA, DE
[72] RENGER, KARL-HEINZ, DE
[72] GRABER, JENS, DE
[71] RSP GMBH, DE
[85] 2018-10-09
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[30] DE (10 2016 106 427.0) 2016-04-08

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[25] EN
[54] **A FIREARM**
[54] **ARME A FEU**
[72] SIMEK, VLADIMIR, CZ
[71] CESKA ZBROJOVKA A.S., CZ
[85] 2018-10-09
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[30] CZ (PV 2016-237) 2016-04-25

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[51] **Int.Cl. B22D 11/00 (2006.01) B22D 11/041 (2006.01) B22D 11/14 (2006.01)**
[25] FR
[54] **SYSTEM AND METHOD FOR CONTROLLING THE CASTING OF A PRODUCT**
[54] **SYSTEME ET PROCEDE DE CONTROLE DE LA COULEE D'UN PRODUIT**
[72] BLAIS, SOIZIC, FR
[72] RENARD, FRANCK, FR
[72] GUICHOU, NICOLAS, FR
[72] BALLU, ARNAUD, FR
[72] VALENTIN, BERNARD, FR
[71] CONSTELLIUM ISSOIRE, FR
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[30] FR (1653135) 2016-04-08

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[13] A1
[51] **Int.Cl. A23C 9/123 (2006.01)**
[25] EN
[54] **LACTOBACILLUS RHAMNOSUS FOR USE IN PREPARATION OF FERMENTED PRODUCTS.**
[54] **LACTOBACILLUS RHAMNOSUS DESTINE A ETRE UTILISE DANS LA PREPARATION DE PRODUITS FERMENTES**
[72] GARAULT, PEGGY, FR
[72] CHRISTOPHE, DAVAL, FR
[72] MARCHAL, LAURENT, FR
[71] COMPAGNIE GERVAIS DANONE, FR
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[51] **Int.Cl. H01B 3/04 (2006.01) B32B 19/02 (2006.01) H01B 3/40 (2006.01) H01B 3/50 (2006.01) H01B 19/02 (2006.01)**
[25] EN
[54] **IMPROVED RESIN-RICH MICA TAPE**
[54] **RUBAN AMELIORE DE MICA RICHE EN RESINE**
[72] BEISELE, CHRISTIAN, DE
[72] COLLIARD, SOPHIE, FR
[72] STECHER, HARALD, DK
[71] HUNTSMAN ADVANCED MATERIALS LICENSING (SWITZERLAND) GMBH, CH
[71] ISOVOLTA AG, AT
[85] 2018-10-09
[86] 2017-03-21 (PCT/EP2017/056636)
[87] (WO2017/178195)
[30] EP (16165608.7) 2016-04-15

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[13] A1
[51] **Int.Cl. G02B 6/38 (2006.01)**
[25] FR
[54] **OPTICAL CONNECTOR AND CONTACTING ELEMENT FOR AN OPTICAL CONNECTOR**
[54] **CONNECTEUR OPTIQUE ET ELEMENT CONTACTEUR POUR CONNECTEUR OPTIQUE**
[72] PATENAUDE, ALEXANDRE, FR
[71] INTERLEMO HOLDING S.A., CH
[85] 2018-10-04
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[51] **Int.Cl. G01K 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR CALIBRATING A TEMPERATURE MEASURING DEVICE OF A DENTAL OVEN AND CALIBRATION ELEMENT**
[54] **PROCEDE D'ETALONNAGE D'UN APPAREIL DE MESURE DE TEMPERATURE D'UN FOUR DENTAIRE ET BLOC D'ETALONNAGE**
[72] KURZ, CHRISTIAN, DE
[71] SIRONA DENTAL SYSTEMS GMBH, DE
[85] 2018-10-09
[86] 2017-04-13 (PCT/EP2017/058906)
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[30] DE (10 2016 206 447.9) 2016-04-15

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[51] **Int.Cl. G06Q 50/12 (2012.01) G07F 11/04 (2006.01) G07F 15/00 (2006.01)**
[25] EN
[54] **OUTPUT ARRANGEMENT FOR THE OUTPUT OF A MOBILE COMMUNICATION UNIT, AND A METHOD FOR CHARGING A STORAGE ELEMENT OF A MOBILE COMMUNICATION UNIT**
[54] **APPAREIL DE SORTIE PERMETTANT DE SORTIR UNE UNITE DE COMMUNICATION MOBILE AINSI QUE PROCEDE DE CHARGE D'UN ELEMENT ACCUMULATEUR D'UNE UNITE DE COMMUNICATION MOBILE**
[72] HANSEN, FRIEDRICH, DE
[71] PYRAMID COMPUTER GMBH, DE
[85] 2018-10-09
[86] 2017-03-16 (PCT/EP2017/000346)
[87] (WO2017/174174)
[30] DE (10 2016 004 068.8) 2016-04-08

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[25] EN
[54] **NANOTUBE MEDIATION OF DEGRADATIVE CHEMICALS FOR OIL-FIELD APPLICATIONS**
[54] **MEDIATION PAR NANOTUBES DE PRODUITS CHIMIQUES DE DEGRADATION POUR DES APPLICATIONS DE CHAMP PETROLIFERE**
[72] STURTEVANT, BRYCE DANIEL, US
[72] KRUPP, AUGUST CHARLES, US
[71] MOLECULAR REBAR DESIGN, LLC, US
[85] 2018-10-05
[86] 2017-04-07 (PCT/US2017/026673)
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[30] US (62/424,606) 2016-11-21

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[25] FR
[54] **NEZ DE LANCE DE SOUFFLAGE**
[54] **BLOWING LANCE TIP**
[72] THOMAS, JEAN-PHILIPPE, BE
[71] SOUDOBEAM SA, BE
[85] 2018-10-09
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[51] **Int.Cl. A61F 2/30 (2006.01) A61F 2/28 (2006.01) G06F 17/50 (2006.01)**
[25] EN
[54] **APPARATUS, METHOD AND SYSTEM FOR PROVIDING CUSTOMIZABLE BONE IMPLANTS**
[54] **APPAREIL, PROCEDE ET SYSTEME POUR FOURNIR DES IMPLANTS OSSEUX PERSONNALISABLES**
[72] UNIS, DOUGLAS B., US
[72] SOMANI, SULAIMAN, US
[72] COSTA, ANTHONY B., US
[71] ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, US
[85] 2018-10-05
[86] 2017-04-07 (PCT/US2017/026681)
[87] (WO2017/177182)
[30] US (62/319,710) 2016-04-07

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[51] **Int.Cl. C08F 210/02 (2006.01) C08K 3/04 (2006.01) C08K 5/14 (2006.01) H01B 3/00 (2006.01) H01B 3/44 (2006.01)**
[25] EN
[54] **CROSSLINKED POLYMER COMPOSITION FOR CABLE ACCESSORIES**
[54] **COMPOSITION DE POLYMERE RETICULE POUR ACCESSOIRES DE CABLE**
[72] BERGQVIST, MATTIAS, SE
[72] SANDHOLZER, MARTINA, AT
[72] TRANCHIDA, DAVIDE, AT
[72] ANDERSSON, JOHAN, SE
[72] ENGLUND, VILLGOT, SE
[72] HJERTBERG, THOMAS, SE
[71] BOREALIS AG, AT
[85] 2018-10-09
[86] 2017-03-30 (PCT/EP2017/057612)
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[51] **Int.Cl. A61K 31/4439 (2006.01) A61K 31/426 (2006.01)**
[25] EN
[54] **SMALL MOLECULE DUAL-INHIBITORS OF TRPV4 AND TRPA1 FOR SANITIZING AND ANESTHETIZING**
[54] **INHIBITEURS DOUBLES A PETITES MOLECULES DE TRPV4 ET TRPA1 POUR LA DESINFECTION ET L'ANESTHESIE**
[72] LIEDTKE, WOLFGANG, US
[71] DUKE UNIVERSITY, US
[85] 2018-10-05
[86] 2017-04-07 (PCT/US2017/026714)
[87] (WO2017/177200)
[30] US (62/319,684) 2016-04-07
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[51] **Int.Cl. A61K 35/745 (2015.01) A23L 33/135 (2016.01) A61P 7/00 (2006.01)**
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[54] **BIFIDOBACTERIA FOR REDUCING FOOD, ENERGY AND/OR FAT INTAKE**
[54] **BIFIDOBACTERIES POUR REDUIRE L'APPORT ALIMENTAIRE, L'APPORT ENERGETIQUE ET/OU LA CONSOMMATION DE GRAISSES**
[72] STENMAN, LOTTA, FI
[72] LAHTINEN, SAMPO, FI
[71] DUPONT NUTRITION BIOSCIENCES APS, DK
[85] 2018-10-09
[86] 2017-04-06 (PCT/EP2017/058206)
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[51] **Int.Cl. B65D 35/28 (2006.01) B65B 69/00 (2006.01)**
[25] EN
[54] **DEVICE FOR PRESSING OUT A MATERIAL FROM A DEFORMABLE TUBE**
[54] **DISPOSITIF POUR EXPULSER UNE SUBSTANCE HORS D'UN TUBE DEFORMABLE**
[72] RUTHE-STEINSIEK, KAI, DE
[72] RUSHE, PETER, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2018-10-09
[86] 2017-04-11 (PCT/EP2017/058680)
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[51] **Int.Cl. C12N 15/82 (2006.01)**
[25] EN
[54] **SEED-AND FUNICULUS-PREFERENTIAL PROMOTERS AND USES THEREOF**
[54] **PROMOTEURS PREFERENTIELS DES GRAINES ET DU FUNICULE ET LEURS UTILISATIONS**
[72] DENOLF, PETER, BE
[72] VAN AUDENHOVE, KATRIEN, BE
[72] TESKE, JOHN, BE
[71] BAYER CROPSCIENCE NV, BE
[85] 2018-10-09
[86] 2017-04-07 (PCT/EP2017/058388)
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[30] EP (EP16165100.5) 2016-04-13

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[25] EN
[54] **MODIFYING BACTERIOPHAGE**
[54] **MODIFICATION DE BACTERIOPHAGE**
[72] FAIRHEAD, HEATHER, GB
[72] WILKINSON, ADAM, GB
[72] SEVERI, EMMANUELE, GB
[71] PHICO THERAPEUTICS LTD., GB
[85] 2018-10-09
[86] 2017-04-07 (PCT/EP2017/058468)
[87] (WO2017/174809)
[30] GB (1606013.9) 2016-04-08

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[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **NEW ANTI-SIRPA ANTIBODIES AND THEIR THERAPEUTIC APPLICATIONS**
[54] **NOUVEAUX ANTICORPS ANTI-SIRPA ET LEURS APPLICATIONS THERAPEUTIQUES**
[72] POIRIER, NICOLAS, FR
[72] MARY, CAROLINE, FR
[72] VANHOVE, BERNARD, FR
[72] GAUTTIER, VANESSA, FR
[72] THEPENIER, VIRGINIE, FR
[72] PENGAM, SABRINA, FR
[71] OSE IMMUNOTHERAPEUTICS, FR
[85] 2018-10-09
[86] 2017-04-14 (PCT/EP2017/059071)
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[51] **Int.Cl. C12N 7/00 (2006.01) C12N 15/74 (2006.01)**
[25] EN
[54] **MODIFIED BACTERIOPHAGE**
[54] **BACTERIOPHAGE MODIFIE**
[72] FAIRHEAD, HEATHER, GB
[72] WILKINSON, ADAM, GB
[71] PHICO THERAPEUTICS LTD, GB
[85] 2018-10-09
[86] 2017-04-07 (PCT/EP2017/058470)
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[51] **Int.Cl. C07D 515/22 (2006.01) A61K 31/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **MACROCYCLIC MCL1 INHIBITORS FOR TREATING CANCER**
[54] **INHIBITEURS DE MCL1 MACROCYCLIQUES POUR LE TRAITEMENT DU CANCER**
[72] HIRD, ALEXANDER, US
[72] BELMONTE, MATTHEW ALAN, US
[72] YANG, WENZHAN, US
[72] SECRIST, JOHN PAUL, US
[72] ROBBINS, DANIEL WILLIAM, US
[72] KAZMIRSKI, STEVEN LEE, US
[72] WU, DEDONG, US
[72] PENG, BO, US
[72] JOHANNES, JEFFREY, US
[72] LAMB, MICHELLE LAURAE, US
[72] YE, QING, US
[72] ZHENG, XIAOLAN, US
[71] ASTRAZENECA AB, SE
[85] 2018-10-09
[86] 2017-04-21 (PCT/EP2017/059511)
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[30] US (62/326,156) 2016-04-22

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[25] EN
[54] **HETEROCYCLIC GPR119 AGONIST COMPOUNDS**
[54] **COMPOSES AGONISTES DE GPR119 HETEROCYCLIQUES**
[72] PATIL, RAKESH ISHWAR, IN
[72] GUNJAL, AMOL PANDURANG, IN
[72] VERMA, JEEVAN, IN
[72] KUMAR, PUNEET, IN
[72] RAI, SANTOSH KUMAR, IN
[72] RAI, HIMANSHU, IN
[72] KUMAR, ANIL, IN
[71] MANKIND PHARMA LTD., IN
[85] 2018-10-09
[86] 2017-04-05 (PCT/IB2017/000466)
[87] (WO2017/175066)
[30] IN (201611012426) 2016-04-08

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[51] **Int.Cl. H04B 5/00 (2006.01) F02M 35/09 (2006.01) H04B 5/02 (2006.01)**
[25] EN
[54] **FILTER ELEMENT FOR A FILTER MODULE FOR FILTERING PROCESS AIR FOR A TREATMENT STATION**
[54] **ELEMENT FILTRANT POUR UN MODULE FILTRE SERVANT A FILTRER L'AIR DE TRAITEMENT POUR UNE INSTALLATION DE TRAITEMENT**
[72] ROCKLE, JURGEN, DE
[72] ZEBISCH, TOBIAS, DE
[71] EISENMANN SE, DE
[85] 2018-10-09
[86] 2017-05-08 (PCT/EP2017/060905)
[87] (WO2017/194461)
[30] DE (10 2016 005 701.7) 2016-05-12

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[51] **Int.Cl. C05F 11/02 (2006.01) C05G 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN ORGANIC FERTILIZER WITH HUMIC PROPERTIES**
[54] **PROCEDE POUR PRODUIRE UN ENGRAIS ORGANIQUE A CARACTERE HUMINIQUE**
[72] NINNEMANN, HORST, DE
[72] SORGE, REINHARD, DE
[72] LANGER, PETER, DE
[71] NOVIHUM TECHNOLOGIES GMBH, DE
[85] 2018-10-09
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[30] EP (16167503.8) 2016-04-28

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[13] A1
[51] **Int.Cl. G01M 5/00 (2006.01) G01L 1/20 (2006.01)**
[25] EN
[54] **METHOD AND INVESTIGATION DEVICE FOR MEASURING STRESSES IN AN AGGLOMERATE STRUCTURE**
[54] **PROCEDE ET DISPOSITIF D'INVESTIGATION POUR MESURE DE CONTRAINTES DANS UNE STRUCTURE AGGLOMEREE**
[72] BERTAGNOLI, GABRIELE, IT
[71] SAFECERTIFIEDSTRUCTURE TECNOLOGIA S.R.L., IT
[85] 2018-10-09
[86] 2017-04-12 (PCT/IB2017/052113)
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[25] EN
[54] **HYDROXAMATE TRITERPENOID DERIVATIVES**
[54] **DERIVES D'HYDROXAMATE TRITERPENOIDE**
[72] MUNOZ BLANCO, EDUARDO, ES
[72] MINASSI, ALBERTO, IT
[72] BELLIDO CABELLO DE ALBA, MARIA LUZ, ES
[72] APPENDINO, GIOVANNI, IT
[71] VIVACELL BIOTECHNOLOGY ESPANA S.L., ES
[85] 2018-10-09
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[30] EP (16193684.4) 2016-10-13

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[51] **Int.Cl. A61B 3/02 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR OBTAINING, AGGREGATING, AND ANALYZING VISION DATA TO ASSESS A PERSON'S VISION PERFORMANCE**
[54] **PROCEDES ET SYSTEMES D'OBTENTION, D'AGREGATION, ET D'ANALYSE DES DONNEES DE VISION AFIN D'EVALUER LA CAPACITE VISUELLE D'UNE PERSONNE**
[72] KHADERI, SYED KHIZER RAHIM, US
[72] REDDY, MOHAN KOMALLA, US
[72] MCDERMOTT, KYLE CHRISTOPHER, US
[71] VIZZARIO, INC., US
[85] 2018-10-09
[86] 2017-04-07 (PCT/US2017/026689)
[87] (WO2017/177188)
[30] US (62/319,825) 2016-04-08
[30] US (62/322,741) 2016-04-14
[30] US (62/359,796) 2016-07-08
[30] US (62/363,074) 2016-07-15
[30] US (62/381,784) 2016-08-31
[30] US (62/425,736) 2016-11-23

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[51] **Int.Cl. G06F 17/28 (2006.01) G06Q 50/20 (2012.01) G06K 9/18 (2006.01) G09B 19/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MULTILINGUAL INTERACTIVE SELF-LEARNING**
[54] **PROCEDE ET APPAREIL D'AUTO-APPRENTISSAGE INTERACTIF MULTILINGUE**
[72] KALRA, DEVANSHU, IN
[71] KALRA, DEVANSHU, IN
[85] 2018-10-09
[86] 2017-02-20 (PCT/IN2017/000042)
[87] (WO2017/175235)
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[51] **Int.Cl. C07K 7/04 (2006.01) A61K 38/07 (2006.01) C07K 7/06 (2006.01)**
[25] EN
[54] **CHIRAL PEPTIDES**
[54] **PEPTIDES CHIRAUX**
[72] LEVIN, ANDREW D., US
[71] CARNOT, LLC, US
[85] 2018-10-09
[86] 2017-04-10 (PCT/US2017/026869)
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[51] **Int.Cl. G02B 27/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR OBTAINING. ANALYZING, AND GENERATING VISION PERFORMANCE DATA AND MODIFYING MEDIA BASED ON THE DATA**
[54] **PROCEDES ET SYSTEMES D'OBTENTION, D'ANALYSE ET DE GENERATION DE DONNEES DE PERFORMANCE DE VISION ET MODIFICATION DE SUPPORTS SUR LA BASE DES DONNEES**
[72] KHADERI, SYED KHIZER RAHIM, US
[72] REDDY, MOHAN KOMALLA, US
[72] MCDERMOTT, KYLE CHRISTOPHER, US
[71] VIZZARIO, INC., US
[85] 2018-10-09
[86] 2017-04-07 (PCT/US2017/026688)
[87] (WO2017/177187)
[30] US (62/319,825) 2016-04-08
[30] US (62/322,741) 2016-04-14
[30] US (62/359,796) 2016-07-08
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[30] US (62/381,784) 2016-08-31
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[51] **Int.Cl. C22C 38/00 (2006.01) B21B 1/26 (2006.01) B22D 11/00 (2006.01) B22D 11/128 (2006.01) C21D 8/02 (2006.01) C22C 38/38 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **ABRASION-RESISTANT STEEL PLATE AND METHOD OF PRODUCING ABRASION-RESISTANT STEEL PLATE**
[54] **PLAQUE D'ACIER RESISTANT A L'ABRASION ET METHODE DE PRODUCTION DE PLAQUED'ACIER RESISTANT A L'ABRASION**
[72] TERAZAWA, YUSUKE, JP
[72] TAKAYAMA, NAOKI, JP
[72] HAYASHI, KENJI, JP
[72] HASE, KAZUKUNI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2018-10-09
[86] 2016-04-19 (PCT/JP2016/002102)
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[25] EN
[54] **SEED-SPECIFIC AND EMBRYO-PREFERENTIAL PROMOTERS AND USES THEREOF**
[54] **PROMOTEURS SPECIFIQUES DES GRAINES ET PREFERENTIELS DE L'EMBRYON ET LEURS UTILISATIONS**
[72] DENOLF, PETER, BE
[72] VAN AUDENHOVE, KATRIEN, BE
[71] BAYER CROPSCIENCE NV, BE
[85] 2018-10-09
[86] 2017-04-07 (PCT/EP2017/058390)
[87] (WO2017/178368)
[30] EP (EP16165103.9) 2016-04-13

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[51] **Int.Cl. G01N 3/08 (2006.01) G01N 33/24 (2006.01) E21B 49/00 (2006.01)**
[25] EN
[54] **DETERMINING ROCK PROPERTIES**
[54] **DETERMINATION DES PROPRIETES DE ROCHES**
[72] LAI, BITAO, US
[72] LI, HUI, US
[72] LIU, HUI-HAI, US
[72] HAN, YANHUI, US
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2018-10-09
[86] 2017-04-11 (PCT/US2017/026927)
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[30] US (15/097,924) 2016-04-13
[30] US (15/463,537) 2017-03-20

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[51] **Int.Cl. A61K 8/02 (2006.01) A61K 8/18 (2006.01) A61K 8/19 (2006.01) A61K 33/00 (2006.01) A61K 38/00 (2006.01) A61K 45/00 (2006.01) A61P 17/18 (2006.01) A61Q 19/00 (2006.01) C07K 14/78 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR TOPICAL APPLICATION OF COMPOUNDS**
[54] **COMPOSITIONS POUR L'APPLICATION TOPIQUE DE COMPOSES**
[72] WAUGH, JACOB, US
[71] ILLUSTRIS PHARMACEUTICALS, INC., US
[85] 2018-10-09
[86] 2017-04-12 (PCT/US2017/027275)
[87] (WO2017/180788)
[30] US (62/321,626) 2016-04-12

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[51] **Int.Cl. C25D 3/06 (2006.01) C25D 3/10 (2006.01) C25D 7/00 (2006.01)**
[25] EN
[54] **DARK COLORED CHROMIUM BASED ELECTRODEPOSITS**
[54] **ELECTRODEPOTS DE COULEUR SOMBRE A BASE DE CHROME**
[72] HARA, MASAHIRO, JP
[72] NISHIYAMA, TATSUYA, JP
[71] MACDERMID ACUMEN, INC., US
[85] 2018-10-09
[86] 2017-04-11 (PCT/US2017/026951)
[87] (WO2017/184380)
[30] US (15/134,469) 2016-04-21

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[54] **EXCHANGE, CALL FACILITATION METHOD, AND NON-TRANSITORY COMPUTER-READABLEMEDIUM HAVING CALL FACILITATION PROGRAM STORED THEREON**
[54] **ECHANGE, METHODE DE FACILITATION D'APPEL ET SUPPORT INFORMATIQUE NON TRANSITOIRE COMPORTANT UN PROGRAMME DE FACILITATION D'APPEL STOCKE SUR LEDIT SUPPORT**
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[71] NEC PLATFORMS, LTD., JP
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[54] **COMPOSITIONS ET PROCEDES DE NETTOYAGE**
[72] RANIERI-CHAMBERLAIN, ALAINE, US
[72] CARRANO, JACQUELINE, US
[72] MESSIN, STEVEN, US
[72] TOBIN, JAMES, US
[71] ELC MANAGEMENT LLC, US
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[54] **SYSTEMS AND METHODS FOR DISPLAYING DIGITAL FORENSIC EVIDENCE**
[54] **SYSTEMES ET PROCEDES D'AFFICHAGE UNE PREUVE MEDICO-LEGALE NUMERIQUE**
[72] SALIBA, JAD, CA
[72] MACGILLIVRAY, GEOFFREY, CA
[72] WIFFEN, DIANA, CA
[72] PARKHILL, MICHAEL, CA
[72] MCILVEEN, SAMANTHA, CA
[72] UZUN, TAYFUN, CA
[72] MCQUAID, JAMIE, CA
[72] HENDRY, PAUL, CA
[71] SALIBA, JAD, CA
[71] MACGILLIVRAY, GEOFFREY, CA
[71] WIFFEN, DIANA, CA
[71] PARKHILL, MICHAEL, CA
[71] MCILVEEN, SAMANTHA, CA
[71] UZUN, TAYFUN, CA
[71] MCQUAID, JAMIE, CA
[71] HENDRY, PAUL, CA
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[25] EN
[54] **CHEMICAL LOOPING SYNGAS PRODUCTION FROM CARBONACEOUS FUELS**
[54] **PRODUCTION DE GAZ DE SYNTHESE EN BOUCLE CHIMIQUE A PARTIR DE COMBUSTIBLES CARBONES**
[72] FAN, LIANG-SHIH, US
[72] EMPFIELD, ABBEY, US
[72] KATHE, MANDAR, US
[72] FRYER, CHARLES, US
[72] BLAIR, ELENA, US
[71] OHIO STATE INNOVATION FOUNDATION, US
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[54] **REPAIR DEVICE AND METHOD FOR DEPLOYING ANCHORS**
[54] **DISPOSITIF DE REPARATION ET PROCEDE DE DEPLOIEMENT D'ANCRAGES**
[72] NORTON, DANIEL R., US
[71] BIOMET SPORTS MEDICINE, LLC, US
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[54] **CONVEYORS FOR SORTING PRODUCTS**
[54] **CONVOYEURS POUR LE TRI DE PRODUITS**
[72] SOLANA, JESSICA L., US
[72] HARCAR, MUSTAFA A., US
[72] STEVENS, CRAIG J., US
[71] WALMART APOLLO, LLC, US
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[54] **PROCEDE ET APPAREIL POUR LA PRODUCTION D'UN BORD ROULE SUR UNE EXTREMITE OUVERTE D'UN RECIPIENT METALLIQUE**
[72] CHUPAK, THOMAS JAMES, US
[72] MITCHELL, KEITH OSBORNE, US
[71] EXAL CORPORATION, US
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[54] **SYSTEME DE DEL A SECURITE INTEGREE**
[72] MANAHAN, JOSEPH MICHAEL, US
[72] ZHANG, HUI, US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[54] **A TUBE AND A METHOD OF MANUFACTURING A TUBE**
[54] **TUBE ET PROCEDE DE FABRICATION D'UN TUBE**
[72] WICKMAN, KRISTER, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[54] **FORMULATION D'ENCRE DURCISSABLE PAR UN RAYONNEMENT**
[72] JOHANSSON, ANDERS, SE
[72] SMITH, DALE, US
[72] GAVELIN, PATRIK, SE
[72] NIELSEN, CHRISTIAN BENEDIKT OREA, DK
[71] FLINT GROUP GERMANY GMBH, DE
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[54] **DEVICE FOR PRODUCING REINFORCEMENTS**
[54] **DISPOSITIF DE PRODUCTION D'ARMATURES**
[72] PFENDER, ALBERT, DE
[71] MBK MASCHINENBAU GMBH, DE
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[25] EN
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[54] **DIAGNOSTIC DE L'ACTIVATION IMMUNITAIRE A L'AIDE D'AGENTS DE LIAISON A CLEVER-1, AU TNF-ALPHA ET A HLA-DR**
[72] HOLLMEN, MAIJA-LEENA, FI
[72] VIITALA, MIRO, FI
[72] JALKANEN, MARKKU, FI
[72] MAKSIMOW, MIKAEL, FI
[71] FARON PHARMACEUTICALS OY, FI
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[54] **FOURNITURE D'ACCES A INTERNET SANS FIL AU MOYEN DE VEHICULES AUTONOMES**
[72] HIGH, DONALD R., US
[72] ATCHLEY, MICHAEL D., US
[72] O'BRIEN, JOHN J., US
[71] WALMART APOLLO, LLC, US
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[72] JONSSON, BO, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[54] **METHOD AND SYSTEM FOR OPERATING AN IFF/SSR ANTENNA**
[54] **PROCEDE ET SYSTEME DE FONCTIONNEMENT D'UNE ANTENNE IFF/SSR**
[72] SUNDELL, LARS, SE
[72] WALL, PER, SE
[72] SVENSSON, BENGT, SE
[71] SAAB AB, SE
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[54] **FOUR AVEC SYSTEME D'ECOULEMENT D'AIR AMELIORE ET PROCEDE**
[72] CAPULA, CORY F., CA
[71] ALTO-SHAAM, INC., US
[85] 2018-10-09
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[51] **Int.Cl. F01D 11/16 (2006.01)**
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[54] **TURBINE BLADE, ASSOCIATED DEVICE, TURBOMACHINE AND USE**
[54] **AUBE DE TURBINE, DISPOSITIF ASSOCIE, TURBOMACHINE ET UTILISATION**
[72] GEISEN, OLE, DE
[72] HABERLAND, CHRISTOPH, DE
[72] HOCKLEY, CARL, DE
[72] KAMENZKY, SUSANNE, DE
[72] LORENZ, THOMAS, DE
[72] RULE, DAVID, DE
[72] SADOVOY, ALEXANDR, DE
[72] SCHEU, EVA, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[51] **Int.Cl. C12N 15/86 (2006.01) C07K 16/32 (2006.01) C12N 7/00 (2006.01)**
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[54] **RECOMBINANT ARTERIVIRUS REPLICON SYSTEMS AND USES THEREOF**
[54] **SYSTEMES DE REPLICON D'ARTERIVIRUS RECOMBINANT ET UTILISATIONS CORRESPONDANTES**
[72] KAMRUD, KURT IVER, US
[72] WANG, NATHANIEL STEPHEN, US
[72] FELDERMAN, MARTINA, US
[72] CARRICO, NANCY C., US
[71] SYNTHETIC GENOMICS, INC., US
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[54] **DEVICE FOR A ROCK FEEDER USED IN UNDERGROUND APPLICATIONS**
[54] **DISPOSITIF DESTINE A UN DISTRIBUTEUR DE ROCHE UTILISE DANS DES APPLICATIONS SOUTERRAINES**
[72] RASCHKA, JOACHIM, DE
[72] EBERTS, CHRISTIAN, DE
[72] PADBERG, HENDRIK, DE
[72] FRENZEL, MARKUS, DE
[71] CATERPILLAR GLOBAL MINING EUROPE GMBH, DE
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[25] EN
[54] **METHOD FOR GENERATING OR RECOVERING MATERIALS THROUGH SMOLDERING COMBUSTION**
[54] **PROCEDE DE GENERATION OU DE RECUPERATION DE MATERIAUX PAR COMBUSTION LENTE**
[72] GRANT, GAVIN, CA
[72] MAJOR, DAVID, CA
[72] SCHOLES, GRANT, CA
[72] GERHARD, JASON, CA
[72] BROWN, JOSHUA, CA
[72] RASHWAN, TAREK, CA
[72] TORERO, JOSE, US
[71] GEOSYNTEC CONSULTANTS, INC., US
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[51] **Int.Cl. D03D 13/00 (2006.01) D03D 15/04 (2006.01)**
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[54] **WOVEN FABRIC AND METHOD OF PRODUCTION THEREOF**
[54] **TISSU TISSE ET SON PROCEDE DE PRODUCTION**
[72] YENICI, HAMIT, TR
[72] KARADUMAN, AHMET SERHAT, TR
[72] BULUS, HULUSI, TR
[72] KAYA, KEMAL, TR
[72] ERTEK AVCI, MUNEVVER, TR
[71] CALIK DENIM TEKSTIL SAN. VE TIC. A.S., TR
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[51] **Int.Cl. B29C 70/24 (2006.01) B29C 35/08 (2006.01) B29C 70/38 (2006.01)**
[25] EN
[54] **HEAD AND SYSTEM FOR CONTINUOUSLY MANUFACTURING COMPOSITE HOLLOW STRUCTURE**
[54] **TETE ET SYSTEME PERMETTANT DE FABRIQUER EN CONTINU UNE STRUCTURE CREUSE COMPOSITE**
[72] TYLER, KENNETH LYLE, US
[72] BEEBOUT, JEFF, US
[71] CC3D LLC, US
[85] 2018-10-09
[86] 2017-04-13 (PCT/US2017/027425)
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[30] US (15/130,207) 2016-04-15
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[51] **Int.Cl. A61B 3/00 (2006.01)**
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[54] **APPARATUS, SYSTEM, AND METHOD FOR INTRAOCULAR LENS POWER CALCULATION USING A REGRESSION FORMULA INCORPORATING CORNEAL SPHERICAL ABERRATION**
[54] **APPAREIL, SYSTEME ET PROCEDE POUR CALCUL DE PUISSANCE DE LENTILLE INTRAOCULAIRE UTILISANT UNE FORMULE DE REGRESSION INCORPORANT UNE ABERRATION SPHERIQUE CORNEENNE**
[72] NEAL, DANIEL R., US
[72] RAYMOND, THOMAS D., US
[72] COPLAND, RICHARD J., US
[72] XIONG, WEI, US
[72] FARRER, STEPHEN W., US
[72] PULASKI, PAUL D., US
[72] HAMRICK, DANIEL R., US
[72] CANOVAS VIDAL, CARMEN, NL
[72] ARTAL, PABLO, ES
[71] AMO WAVEFRONT SCIENCES, LLC, US
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[51] **Int.Cl. C22C 14/00 (2006.01) B33Y 70/00 (2015.01) B22F 3/105 (2006.01)**
[25] EN
[54] **BCC MATERIALS OF TITANIUM, ALUMINUM, VANADIUM, AND IRON, AND PRODUCTS MADE THEREFROM**
[54] **MATERIAUX BCC EN TITANE, ALUMINIUM, VANADIUM ET EN FER, ET PRODUITS FABRIQUES A PARTIR DE CEUX-CI**
[72] LIN, JEN C., US
[72] YAN, XINYAN, US
[72] SABOL, JOSEPH C., US
[72] HEARD, DAVID W., US
[72] ZARANDI, FARAMARZ MH., US
[72] SUN, FUSHENG, US
[72] CRIST, ERNEST M., JR., US
[72] TAMIRISAKANDALA, SESH A., US
[71] ARCONIC INC., US
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[51] **Int.Cl. H04S 7/00 (2006.01)**
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[54] **APPARATUS AND METHOD FOR PROVIDING INDIVIDUAL SOUND ZONES**
[54] **APPAREIL ET PROCEDE POUR FOURNIR DES ZONES SONORES INDIVIDUELLES**
[72] SCHNEIDER, MARTIN, DE
[72] WETZEL, STEFAN, DE
[72] WALTHER, ANDREAS, DE
[72] UHLE, CHRISTIAN, DE
[72] HELLMUTH, OLIVER, DE
[72] PROKEIN, PETER, DE
[72] HABETS, EMANUEL, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[51] **Int.Cl. B64C 13/12 (2006.01) G05G 5/03 (2009.01)**
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[54] **CONTROL SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE COMMANDE**
[72] DEE, JUSTIN MARK, GB
[72] BEAN, JASON HOWARD, GB
[71] BAE SYSTEMS PLC, GB
[85] 2018-10-09
[86] 2017-03-28 (PCT/GB2017/050861)
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[30] GB (1606074.1) 2016-04-11

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[54] **NEEDLE STORAGE MAGAZINE ASSEMBLY**
[54] **ENSEMBLE CHARGEUR DE STOCKAGE D'AIGUILLES**
[72] SRINIVASAN, SUDARSAN, US
[72] SCHIFF, DAVID, US
[72] LAWSON, STEPHAN, US
[72] LIMAYE, AMIT, US
[72] ZUSCHLAG, MATTHEW, US
[72] VANROYEN, DONALD, US
[71] BECTON, DICKINSON AND COMPANY, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR FACILITATING SHOPPING IN A PHYSICAL RETAIL FACILITY**
[54] **SYSTEMES ET PROCEDES POUR FACILITER LES ACHATS DANS UNE INSTALLATION DE VENTE DE DETAIL PHYSIQUE**
[72] WILKINSON, BRUCE W., US
[72] JONES, MATTHEW A., US
[72] VASGAARD, AARON J., US
[72] TAYLOR, ROBERT J., US
[72] WEBB, TIM W., US
[72] MATTINGLY, TODD D., US
[72] TODD, JASON R., US
[72] STALLCUP, MARK A., US
[72] MORGAN, STARLA C., US
[71] WALMART APOLLO, LLC, US
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[30] US (62/323,026) 2016-04-15
[30] US (62/348,444) 2016-06-10
[30] US (62/356,375) 2016-06-29
[30] US (62/356,374) 2016-06-29
[30] US (62/402,068) 2016-09-30
[30] US (62/413,487) 2016-10-27
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[25] EN
[54] **PATIENT SUPPORT PAD**
[54] **COUSSIN DE SUPPORT DE PATIENT**
[72] JACOBS, NICHOLAS, US
[72] NARDO, RICHARD P., US
[72] LABEDZ, CHRISTOPHER D., US
[72] SOHRAB, SOLTANI, US
[72] HOLLOPETER, MICHAEL, US
[71] AMERICAN STERILIZER COMPANY, US
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[54] **NOUVELLES ESPECES BACTERIENNES**
[72] DE VOS, WILLEM MEINDERT, NL
[72] BELZER, CLARA, NL
[71] WAGENINGEN UNIVERSITEIT, NL
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[54] **CONTROL SYSTEMS**
[54] **SYSTEMES DE COMMANDE**
[72] DEE, JUSTIN MARK, GB
[72] BEAN, JASON HOWARD, GB
[71] BAE SYSTEMS PLC, GB
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[87] (WO2017/178791)
[30] GB (1606077.4) 2016-04-11

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[51] **Int.Cl. C07C 49/248 (2006.01)**
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[54] **NOVEL DERIVATIVES OF CURCUMINOIDS AND USE THEREOF AS AN ANTICANCER AGENT**
[54] **NOUVEAUX DERIVES DE CURCUMINOIDES ET LEUR UTILISATION COMME AGENT ANTICANCEREUX**
[72] KUO, SHENG-CHU, TW
[72] LEE, KUO-HSIUNG, US
[72] TSAI, CHANG-HAI, TW
[72] HSIEH, MIN-TSANG, TW
[72] CHANG, LING-CHU, TW
[72] HUNG, HSIN-YI, TW
[72] LIN, HUI-YI, TW
[72] YANG, JAI-SING, TW
[71] CHINA MEDICAL UNIVERSITY, TW
[85] 2018-10-05
[86] 2017-06-02 (PCT/US2017/035814)
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[30] US (62/349,208) 2016-06-13

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[51] **Int.Cl. C12N 15/82 (2006.01) A61K 31/00 (2006.01) A61K 31/352 (2006.01) C12N 15/00 (2006.01) C12N 15/79 (2006.01)**
[25] EN
[54] **ENHANCED CANNABIS PLANTS AND METHODS OF MAKING AND USING THE SAME**
[54] **PLANTES DE CANNABIS AMELIOREES ET PROCEDES POUR LES PRODUIRE ET L'UTILISER**
[72] ROSCOW, ROBERT F., JR., US
[71] EBBU, LLC, US
[85] 2018-10-09
[86] 2017-04-14 (PCT/US2017/027643)
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[30] US (62/322,736) 2016-04-14

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[51] **Int.Cl. C12C 13/10 (2006.01)**
[25] EN
[54] **MINIBREWERY**
[54] **MICRO-BRASSERIE**
[72] VAN DE KOOIJ, BART, NL
[72] VAN OORD, OLIVIER, NL
[71] MINIBREW HOLDING B.V., NL
[85] 2018-10-10
[86] 2017-04-13 (PCT/EP2017/058974)
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[30] NL (2016597) 2016-04-13

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[51] **Int.Cl. C08K 3/04 (2006.01) C01B 32/158 (2017.01) C01B 32/168 (2017.01) C08K 7/24 (2006.01)**
[25] EN
[54] **DISCRETE CARBON NANOTUBES WITH TARGETED OXIDATION LEVELS AND FORMULATIONS THEREOF**
[54] **NANOTUBES DE CARBONE DISCRETS A ETATS D'OXYDATION CIBLES ET LEURS FORMULATIONS**
[72] SWOGGER, KURT W., US
[72] BOSNYAK, CLIVE P., US
[72] HENDERSON, NANCY, US
[72] FINLAYSON, MALCOLM, US
[72] STURTEVANT, BRYCE D., US
[72] HOENIG, STEVE, US
[71] MOLECULAR REBAR DESIGN, LLC, US
[85] 2018-10-05
[86] 2017-04-07 (PCT/US2017/026655)
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[30] US (62/319,599) 2016-04-07

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[25] EN
[54] **PALLET AND CONTAINER KIT**
[54] **PALETTE ET KIT POUR CONTENANT**
[72] HERBECK, JOSHUA DANIEL, US
[72] VAN DE MARK, GREGORY D., US
[71] GREEN OX PALLET TECHNOLOGY, LLC, US
[85] 2018-10-09
[86] 2017-04-17 (PCT/US2017/027903)
[87] (WO2017/181172)
[30] US (62/323,486) 2016-04-15
[30] US (62/409,762) 2016-10-18
[30] US (62/422,254) 2016-11-15
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[54] **LASER SCANNER**
[54] **SCANNER LASER**
[72] RIEGER, PETER, AT
[72] ULLRICH, ANDREAS, AT
[71] RIEGL LASER MEASUREMENT SYSTEMS GMBH, AT
[85] 2018-10-10
[86] 2017-02-03 (PCT/AT2017/060015)
[87] (WO2017/177246)
[30] AT (A 50334/2016) 2016-04-15

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[51] **Int.Cl. C10L 9/08 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING A COMBUSTIBLE PRODUCT**
[54] **PROCEDE DE PRODUCTION D'UN PRODUIT COMBUSTIBLE**
[72] SHARPE, DARREN, GB
[72] SIROVSKI, FELIX, GB
[71] INDUSTRIAL CHEMICALS GROUP LIMITED, GB
[85] 2018-10-10
[86] 2017-04-13 (PCT/EP2017/059012)
[87] (WO2017/178626)
[30] EP (16165676.4) 2016-04-15

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[51] **Int.Cl. A22C 21/00 (2006.01) B65G 17/16 (2006.01) B65G 17/20 (2006.01) G01G 11/00 (2006.01) G01G 19/14 (2006.01)**
[25] EN
[54] **OFFSET WEIGHING APPARATUS**
[54] **APPAREIL DE PESEE DE DECALAGE**
[72] GILLESPIE, JOSHUA J., US
[72] O'DELL, RYAN, US
[72] LAUER, GERALD, US
[72] BARNETT, DOUGLAS, US
[72] PINKSTON, KENNETH, US
[71] BAADER LINCO, INC., US
[85] 2018-10-09
[86] 2017-04-17 (PCT/US2017/027999)
[87] (WO2017/181199)
[30] US (62/323,442) 2016-04-15

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[13] A1
[51] **Int.Cl. B66F 11/04 (2006.01) B66F 17/00 (2006.01)**
[25] FR
[54] **AERIAL-LIFT WORKING-PLATFORM CONTROL DESK WITH PROTECTION AGAINST CRUSHING OF THE OPERATOR**
[54] **PUPITRE DE COMMANDE AVEC PROTECTION ANTI-ECRASEMENT DE L'OPERATEUR POUR PLATE-FORME DE TRAVAIL DE NACELLE ELEVATRICE**
[72] MAISONNETTE, DANIEL, FR
[72] BONNEFOY, NICOLAS, FR
[71] HAULOTTE GROUP, FR
[85] 2018-10-09
[86] 2017-04-06 (PCT/FR2017/050834)
[87] (WO2017/178737)
[30] FR (1653384) 2016-04-15

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[51] **Int.Cl. A61K 35/17 (2015.01) A61K 38/20 (2006.01) A61K 45/00 (2006.01) A61P 11/06 (2006.01) A61P 35/04 (2006.01) C07K 14/54 (2006.01) C07K 16/28 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **FUNCTIONAL PLASTICITY OF ILC2, IMMUNITY, AND COPD**
[54] **PLASTICITE FONCTIONNELLE D'ILC2, IMMUNITE ET COPD**
[72] HUMBLES, ALISON A., US
[72] SILVER, JONATHAN S., US
[72] KOLBECK, ROLAND, US
[71] MEDIMMUNE, LLC, US
[85] 2018-10-09
[86] 2017-04-19 (PCT/US2017/028369)
[87] (WO2017/184734)
[30] US (62/326,465) 2016-04-22

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[51] **Int.Cl. A61K 35/14 (2015.01) A23L 33/00 (2016.01) A61K 35/16 (2015.01) A61K 35/18 (2015.01) A61K 38/38 (2006.01) A61K 38/42 (2006.01) A61K 39/395 (2006.01) A61K 47/14 (2017.01) A61P 7/06 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **FOOD FACTOR-BASED FORMULATION, PRODUCTS PRODUCED USING SAID FORMULATION AND METHODS FOR PRODUCING SAME**
[54] **FORMULATION A BASE DE FACTEURS ALIMENTAIRES, PRODUITS OBTENUS PAR UTILISATION DE CETTE FORMULATION ET PROCEDES D'OBTENTION**
[72] BEBEACHIBULI, ROMEO, BR
[71] BEBEACHIBULI, ROMEO, BR
[85] 2018-10-10
[86] 2016-09-01 (PCT/BR2016/050215)
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[51] **Int.Cl. C03C 27/06 (2006.01) B32B 17/10 (2006.01) B60K 35/00 (2006.01) B60Q 1/02 (2006.01) B60Q 1/26 (2006.01)**
[25] FR
[54] **METHOD FOR ASSEMBLING LAMINATED GLAZING COMPRISING AN OVERMOULDED COMPONENT**
[54] **PROCEDE D'ASSEMBLAGE D'UN VITRAGE FEUILLETE COMPRENANT UN COMPOSANT SURMOULE**
[72] FREBOURG, PHILIPPE, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-10-09
[86] 2017-04-24 (PCT/FR2017/050969)
[87] (WO2017/187075)
[30] FR (1653743) 2016-04-27

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[51] **Int.Cl. C12N 15/10 (2006.01)**
[25] EN
[54] **METHODS FOR PROVIDING SINGLE-STRANDED RNA**
[54] **PROCEDES DE PRODUCTION D'ARN SIMPLE BRIN**
[72] BAIERSDORFER, MARKUS, DE
[72] KARIKO, KATALIN, DE
[71] BIONTECH RNA PHARMACEUTICALS GMBH, DE
[85] 2018-10-10
[86] 2017-04-19 (PCT/EP2017/059293)
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[30] EP (PCT/EP2016/059056) 2016-04-22

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[51] **Int.Cl. G06F 17/30 (2006.01) G06F 17/40 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COLLECTING DIGITAL FORENSIC EVIDENCE**
[54] **SYSTEMES ET PROCEDES DE COLLECTE D'UNE PREUVE MEDICO-LEGALE NUMERIQUE**
[72] COSENTINO, NICHOLAS BRUCE ALEXANDER, CA
[72] MCGARRY, CHRISTINE, CA
[72] MOODY, MATTHEW, CA
[72] SIPPEL, CHRISTOPHER, CA
[71] COSENTINO, NICHOLAS BRUCE ALEXANDER, CA
[71] MCGARRY, CHRISTINE, CA
[71] MOODY, MATTHEW, CA
[71] SIPPEL, CHRISTOPHER, CA
[85] 2018-10-10
[86] 2017-04-13 (PCT/CA2017/050456)
[87] (WO2017/177332)
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[51] **Int.Cl. A61K 31/19 (2006.01) A61P 11/00 (2006.01) A61P 11/02 (2006.01) A61P 11/04 (2006.01)**
[25] EN
[54] **CARBOXYLIC ACID FOR TREATING/PREVENTING NASAL CONGESTION**
[54] **ACIDE CARBOXYLIQUE POUR TRAITER/PREVENIR LA CONGESTION NASALE**
[72] ERNST, BETTINA, CH
[71] PROPONENT BIOTECH GMBH, CH
[85] 2018-10-10
[86] 2017-05-17 (PCT/EP2017/061832)
[87] (WO2017/198702)
[30] EP (16169882.4) 2016-05-17

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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7105 (2006.01) A61K 31/712 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **TREATMENT OF IDIOPATHIC PULMONARY FIBROSIS USING RNA COMPLEXES THAT TARGET CONNECTIVE TISSUE GROWTH FACTOR**
[54] **TRAITEMENT DE LA FIBROSE PULMONAIRE IDIOPATHIQUE A L'AIDE DE COMPLEXES D'ARN QUI CIBLENT LE FACTEUR DE CROISSANCE DU TISSU CONJONCTIF**
[72] LEE, DONG KI, KR
[72] HONG, SUN WOO, KR
[72] LEE, TAE YEON, KR
[72] LEE, SAE-LO-OOM, KR
[72] KIM, JI HYUN, KR
[72] NA, YU RAN, KR
[72] KIM, YOUNG-DONG, KR
[71] OLIX PHARMACEUTICALS, INC., KR
[85] 2018-10-10
[86] 2017-04-10 (PCT/IB2017/000470)
[87] (WO2017/178883)
[30] US (62/320,944) 2016-04-11

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[51] **Int.Cl. H05B 33/08 (2006.01)**
[25] EN
[54] **THE INVENTION RELATES TO THE FIELD OF LIGHTING APPLICATIONS, IN PARTICULAR LED BASED LIGHTING APPLICATIONS**
[54] **L'INVENTION CONCERNE LE DOMAINE DES APPLICATIONS D'ECLAIRAGE, EN PARTICULIER DES APPLICATIONS D'ECLAIRAGE BASEES SUR DES DIODES ELECTROLUMINESCENTES**
[72] SAES, MARC, NL
[72] LYDECKER, STEPHEN HAIGHT, US
[72] VERSTEEGDE, TIJS, NL
[71] ELDOLAB HOLDING B.V., NL
[85] 2018-10-09
[86] 2017-04-21 (PCT/NL2017/050255)
[87] (WO2017/183979)
[30] NL (2016662) 2016-04-22

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[51] **Int.Cl. A61K 8/64 (2006.01) A61K 6/00 (2006.01) A61K 38/04 (2006.01) A61P 1/02 (2006.01) A61Q 11/00 (2006.01) C07K 7/00 (2006.01)**
[25] EN
[54] **PERSONAL DENTAL CARE PRODUCT FOR CARIES TREATMENT**
[54] **PRODUIT DE SOINS DENTAIRES PERSONNELS POUR LE TRAITEMENT DES CARIES**
[72] HUG, MICHAEL, CH
[72] LYSEK, DOMINIKUS AMADEUS, CH
[71] CREDENTIS AG, CH
[85] 2018-10-10
[86] 2017-05-24 (PCT/EP2017/062589)
[87] (WO2017/202940)
[30] EP (16171015.7) 2016-05-24

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[13] A1
[51] **Int.Cl. A61K 31/519 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **COMPOUNDS AND METHODS FOR TREATING NEUROLOGICAL AND CARDIOVASCULAR CONDITIONS**
[54] **COMPOSES ET PROCEDES POUR TRAITER DES ETATS NEUROLOGIQUES ET CARDIOVASCULAIRES**
[72] KORINEK, WILLIAM S., US
[72] LECHLEITER, JAMES D., US
[72] LISTON, THEODORE E., US
[72] JACOBSON, KENNETH A., US
[71] ASTROCYTE PHARMACEUTICALS, INC., US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2018-10-09
[86] 2017-04-21 (PCT/US2017/028996)
[87] (WO2017/185061)
[30] US (62/325,860) 2016-04-21

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[13] A1
[51] **Int.Cl. A01K 89/00 (2006.01)**
[25] EN
[54] **FISHING REEL**
[54] **MOULINET DE PECHE**
[72] REUBENI, BENJAMIN N., CA
[71] ABBECAN INDUSTRIES INC., CA
[85] 2018-10-10
[86] 2017-04-11 (PCT/CA2017/050446)
[87] (WO2017/177325)
[30] US (62/321,733) 2016-04-12
[30] US (62/453,283) 2017-02-01

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[13] A1
[51] **Int.Cl. H05B 33/08 (2006.01)**
[25] EN
[54] **LED DRIVER DIMMING**
[54] **GRADATEUR DE COMMANDE DE LED**
[72] SAES, MARC, NL
[72] LYDECKER, STEPHEN HAIGHT, US
[71] ELDOLAB HOLDING B.V., NL
[85] 2018-10-09
[86] 2017-04-21 (PCT/NL2017/050260)
[87] (WO2017/183984)
[30] NL (2016665) 2016-04-22

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[51] **Int.Cl. G06F 17/10 (2006.01) G06F 21/00 (2013.01) G06N 5/02 (2006.01)**
[25] EN
[54] **SPARSE AND NON CONGRUENT STOCHASTIC ROLL-UP**
[54] **CUMUL STOCHASTIQUE EPARS ET NON CONGRU**
[72] SAVAGE, SAM, US
[71] SAVAGE, SAM, US
[85] 2018-10-09
[86] 2017-04-21 (PCT/US2017/029003)
[87] (WO2017/185066)
[30] US (62/325,931) 2016-04-21

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[51] **Int.Cl. A61K 8/64 (2006.01) A61C 17/00 (2006.01) A61K 6/00 (2006.01) A61K 38/04 (2006.01) A61P 1/02 (2006.01) A61Q 11/00 (2006.01) C07K 7/00 (2006.01)**
[25] EN
[54] **METHOD AND PRODUCT FOR CARIES TREATMENT**
[54] **PROCEDE ET PRODUIT POUR LE TRAITEMENT DES CARIES**
[72] HUG, MICHAEL, CH
[72] LYSEK, DOMINIKUS AMADEUS, CH
[71] CREDENTIS AG, CH
[85] 2018-10-10
[86] 2017-05-24 (PCT/EP2017/062593)
[87] (WO2017/202943)
[30] EP (16171027.2) 2016-05-24

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[13] A1
[51] **Int.Cl. B65H 49/32 (2006.01) B65H 75/44 (2006.01) F42D 1/22 (2006.01)**
[25] EN
[54] **APPARATUS FOR USE IN A BLASTING SYSTEM**
[54] **APPAREIL DESTINE A ETRE UTILISE DANS UN SYSTEME DE DYNAMITAGE**
[72] MULLER, ELMAR LENNOX, ZA
[72] KRUGER, MICHIEL JACOBUS, ZA
[72] MYNHARDT, PIERRE DE VOS, ZA
[71] DETNET SOUTH AFRICA (PTY) LTD., ZA
[85] 2018-10-09
[86] 2017-04-07 (PCT/ZA2017/050020)
[87] (WO2017/181207)
[30] ZA (2016/02408) 2016-04-11

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[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/05 (2006.01) A61K 31/352 (2006.01) A61K 36/185 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **USE OF CANNABIDIVARIN IN THE TREATMENT OF AUTISM SPECTRUM DISORDER, ASSOCIATED DISORDERS AND SCHIZOPHRENIA**
[54] **UTILISATION DE CANNABIDIVARINE DANS LE TRAITEMENT DU TROUBLE DU SPECTRE AUTISTIQUE, DE TROUBLES ASSOCIES ET DE LA SCHIZOPHRENIE**
[72] GUY, GEOFFREY, GB
[72] WRIGHT, STEPHEN, GB
[72] BRODIE, JAMES, GB
[72] WOOLLEY-ROBERTS, MARIE, GB
[72] MALDONADO, RAFAEL, ES
[72] PAROLARO, DANIELA, IT
[72] LUONGO, LIVIO, IT
[72] NEILL, JOANNA, GB
[72] SINGH, HARPREET, DE
[71] GW RESEARCH LIMITED, GB
[85] 2018-10-10
[86] 2017-04-11 (PCT/GB2017/051007)
[87] (WO2017/178807)
[30] GB (1606098.0) 2016-04-11

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[13] A1
[51] **Int.Cl. C22C 14/00 (2006.01) B33Y 70/00 (2015.01) B22F 3/105 (2006.01)**
[25] EN
[54] **ALPHA-BETA TITANIUM ALLOYS HAVING ALUMINUM AND MOLYBDENUM, AND PRODUCTS MADE THEREFROM**
[54] **ALLIAGES EN TITANE ALPHA-BETA AYANT DE L'ALUMINIUM ET DU MOLYBDENE, ET PRODUITS FABRIQUES A PARTIR DE CEUX-CI**
[72] LIN, JEN C., US
[72] YAN, XINYAN, US
[72] SABOL, JOSEPH C., US
[72] HEARD, DAVID W., US
[72] ZARANDI, FARAMARZ MH, US
[72] SUN, FUSHENG, US
[72] CRIST, ERNEST M., JR., US
[72] TAMIRISAKANDALA, SESH A., US
[71] ARCONIC INC., US
[85] 2018-10-09
[86] 2017-04-24 (PCT/US2017/029197)
[87] (WO2017/189456)
[30] US (62/327,300) 2016-04-25

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[13] A1
[51] **Int.Cl. B26D 5/00 (2006.01)**
[25] EN
[54] **AUTOMATIC SIZING CUTTING DEVICE**
[54] **DISPOSITIF DE COUPE DE DIMENSIONNEMENT AUTOMATIQUE**
[72] OKABE, KATSURO, JP
[72] TAKASE, KAZUYA, JP
[71] YKK CORPORATION, JP
[85] 2018-10-10
[86] 2016-04-12 (PCT/JP2016/061836)
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[13] A1
[51] **Int.Cl. H04N 19/597 (2014.01) H04N 5/225 (2006.01) H04N 5/232 (2006.01) H04N 5/262 (2006.01)**
[25] EN
[54] **CIRCULAR FISHEYE VIDEO IN VIRTUAL REALITY**
[54] **VIDEO DE TYPE ULTRA-GRAND-ANGULAIRE CIRCULAIRE EN REALITE VIRTUELLE**
[72] FORUTANPOUR, BIJAN, US
[72] WANG, YE-KUI, US
[72] NGUYEN, PHI HUNG, US
[72] BI, NING, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-10-09
[86] 2017-04-25 (PCT/US2017/029417)
[87] (WO2017/200721)
[30] US (62/339,504) 2016-05-20
[30] US (15/495,730) 2017-04-24

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[13] A1
[51] **Int.Cl. C07D 451/14 (2006.01) A61K 31/506 (2006.01) C07D 451/04 (2006.01)**
[25] EN
[54] **PYRIMIDINE COMPOUNDS AS JAK KINASE INHIBITORS**
[54] **COMPOSES DE PYRIDINE A TITRE D'INHIBITEURS DE KINASES JAK**
[72] HUDSON, RYAN, US
[72] KOZAK, JENNIFER, US
[72] FLEURY, MELISSA, US
[72] FATHEREE, PAUL R., US
[72] BEAUSOLEIL, ANNE-MARIE, US
[72] PODESTO, DANTE D., US
[72] HUANG, XIAOJUN, US
[71] THERAVANCE BIOPHARMA R&D IP, LLC, US
[85] 2018-10-09
[86] 2017-04-27 (PCT/US2017/029796)
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[30] US (62/328,737) 2016-04-28

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[54] **SYSTEME DE SURVEILLANCE DE QUALITE DE BALAYAGE AUTOMATIQUE**
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[71] ACCUMETRA, LLC, US
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[54] **METHOD OF MEASURING THICKNESS OF LONG SHEET MATERIAL AND THICKNESS MEASURING SYSTEM**
[54] **PROCEDE DE MESURE D'EPAISSEUR DE MATERIAU EN FEUILLE ALLONGE ET SYSTEME DE MESURE D'EPAISSEUR**
[72] SHITARA, HISATAKA, JP
[71] PSM INTERNATIONAL, INC., JP
[71] PROCEMEX OY, FI
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[54] **SYNERGISTIC LUBRICATING OIL COMPOSITION CONTAINING MIXTURE OF ANTIOXIDANTS**
[54] **COMPOSITION D'HUILE LUBRIFIANTE SYNERGIQUE CONTENANT UN MELANGE D'ANTIOXYDANTS**
[72] QIAN, XUELEI LILY, US
[71] CHEVRON ORONITE COMPANY LLC, US
[85] 2018-10-09
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[54] **MOST-INTERESTED REGION IN AN IMAGE**
[54] **REGION LA PLUS INTERESSANTE DANS UNE IMAGE**
[72] WANG, YE-KUI, US
[72] HENDRY, FNU, US
[71] QUALCOMM INCORPORATED, US
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[54] **DOUBLE DISK TRANSDERMAL SYSTEM**
[54] **SYSTEME TRANSDERMIQUE A DOUBLE DISQUE**
[72] TOLIA, GAURAV THAKERSI, US
[72] PLACHTA, MALACHI, US
[72] HENDERSON, GRANT, US
[72] BARNETT, BRAD L., US
[71] MYLAN INC., US
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[54] **COOLING APPARATUS FOR CARBONIZED BIOMASS**
[54] **APPAREIL DE REFROIDISSEMENT POUR DE LA BIOMASSE CARBONISEE**
[72] HAYASHI, SHIGEYA, JP
[72] TANO, TATSUMI, JP
[72] FUJIMOTO, NAOHIDE, JP
[72] MAKI, DAISUKE, JP
[71] UBE INDUSTRIES, LTD., JP
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[54] **SYSTEMES ET PROCEDES D'IDENTIFICATION DE DECHETS**
[72] RIPLEY, CHRISTOPHER BARNARD, US
[71] WASTE REPURPOSING INTERNATIONAL, INC., US
[85] 2018-10-09
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[54] **HOT MELT ADHESIVE COMPOSITIONS**
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[72] NAKADA, KANAYO, JP
[72] MORISHITA, YOSHIHIRO, JP
[71] KURARAY CO., LTD., JP
[85] 2018-10-10
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[54] **NEIGHBOR BASED SIGNALING OF INTRA PREDICTION MODES**
[54] **SIGNALISATION DE MODES DE PREDICTION INTRA EN FONCTION DE BLOCS VOISINS**
[72] SEREGIN, VADIM, US
[72] ZHAO, XIN, US
[72] SAID, AMIR, US
[72] KARCZEWICZ, MARTA, US
[72] HU, NAN, US
[72] CHIEN, WEI-JUNG, US
[72] THIRUMALAI, VIJAYARAGHAVAN, US
[71] QUALCOMM INCORPORATED, US
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[54] **ON-DEMAND ROBOTIC FOOD ASSEMBLY AND RELATED SYSTEMS, DEVICES AND METHODS**
[54] **ASSEMBLAGE ALIMENTAIRE ROBOTIQUE A LA DEMANDE ET SYSTEMES, DISPOSITIFS ET PROCEDES ASSOCIES**
[72] GARDEN, ALEXANDER JOHN, US
[72] GOLDBERG, JOSHUA GOULED, US
[72] COLLINS, JULIA ELIZABETH, US
[72] DAROLFI, VICTOR CHARLES, US
[72] WILLIAMS, RUSSELL KENNEDY, US
[72] ALMENDARES, ANDREW DAVID, US
[72] VARMA, ANKITA A., US
[71] ZUME, INC., US
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[54] **SIGNALING RATINGS INFORMATION**
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[72] DESHPANDE, SACHIN G., US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2018-10-10
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[54] **UNITES DE COUCHE D'ABSTRACTION DE RESEAU (NAL) DE FIN DE SEQUENCE ET DE FIN DE FLUX BINAIRE DANS DES PISTES DE FICHIERS DISTINCTES**
[72] WANG, YE-KUI, US
[71] QUALCOMM INCORPORATED, US
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[86] 2017-05-23 (PCT/US2017/033925)
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[54] **TABLE TOP IMAGE CALIBRATION PHANTOM**
[54] **FANTOME D'ETALONNAGE D'IMAGES DE PLATEAU DE TABLE**
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[71] ACCUMETRA, LLC, US
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[25] EN
[54] **THERMOCOUPLES COMPRISING A POLYMER COATING FOR DETECTING ANALYTES AND RELATED METHODS**
[54] **THERMOCOUPLES COMPRENANT UN REVETEMENT POLYMERE POUR LA DETECTION D'ANALYTES ET PROCEDES ASSOCIES**
[72] GRINSVEN, VAN BART ROBERT NICOLAAS, NL
[72] CLEIJ, THOMAS JAN, NL
[71] UNIVERSITEIT MAASTRICHT, NL
[71] ACADEMISCH ZIEKENHUIS MAASTRICHT, NL
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[54] **IMPROVING FREQUENCY REUSE EFFICIENCY VIA INTERFERENCE AVOIDANCE FOR MULTI-BEAM SATELLITE COMMUNICATIONS NETWORK**
[54] **AMELIORATION DE L'EFFICACITE DE REUTILISATION DE FREQUENCE PAR LE BIAIS DE L'ANNULATION D'INTERFERENCE DESTINEE A UN RESEAU DE COMMUNICATIONS SATELLITE A FAISCEAUX MULTIPLES**
[72] LEE, LIN-NAN, US
[72] CHEN, LIPING, US
[72] NOERPEL, ANTHONY, US
[72] KAY, STANLEY E., US
[71] HUGHES NETWORK SYSTEMS, LLC, US
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[54] **HUMANIZED ANTI CLEVER-1 ANTIBODIES AND THEIR USE**
[54] **ANTICORPS ANTI-CLEVER-1 HUMANISES ET LEUR UTILISATION**
[72] MAKSIMOW, MIKAEL, FI
[72] JALKANEN, MARKKU, FI
[72] VAINIO, MARITA, FI
[71] FARON PHARMACEUTICALS OY, FI
[85] 2018-10-09
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[54] **WHEEL INTEGRITY MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE D'INTEGRITE DE ROUE**
[72] ILER, DARRELL, US
[71] ILER, DARRELL, US
[85] 2018-10-09
[86] 2017-04-07 (PCT/US2017/026507)
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[51] **Int.Cl. H04M 3/00 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR THIRD PARTY MONITORING OF VOICE AND VIDEO CALLS**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE PAR DES TIERS D'APPELS VOCAUX ET VIDEO**
[72] HODGE, STEPHEN LEE, US
[71] GLOBAL TEL*LINK CORP., US
[85] 2018-10-09
[86] 2017-04-07 (PCT/US2017/026570)
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[54] **FOLDABLE MULTI-PURPOSE NONWOVEN HAND PAD AND METHOD OF USE**
[54] **MANIQUE NON TISSEE POLYVALENTE PLIABLE ET SON PROCEDE D'UTILISATION**
[72] CARLSON, LAUREN K., US
[72] GARDNER, JAMES P., JR., US
[72] HUNTER, MARK D., US
[72] MAKI, ROBERT J., US
[72] ENDLE, JAMES P., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **USE OF CANNABIDIOLIC ACID IN THE TREATMENT OF AUTISM SPECTRUM DISORDER AND ASSOCIATED DISORDERS**
[54] **UTILISATION D'ACIDE CANNABIDIOLIQUE DANS LE TRAITEMENT DES TROUBLES DU SPECTRE AUTISTIQUE ET DES TROUBLES ASSOCIES**
[72] GUY, GEOFFREY, GB
[72] WRIGHT, STEPHEN, GB
[72] BRODIE, JAMES, GB
[72] WOOLLEY-ROBERTS, MARIE, GB
[72] MALDONADO, RAFAEL, ES
[72] PAROLARO, DANIELA, IT
[72] LUONGO, LIVIO, IT
[71] GW RESEARCH LIMITED, GB
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[54] **IMAGERIE A SUPER-RESOLUTION**
[72] AHLUWALIA, BALPREET SINGH, NO
[72] SCHUTTPELZ, MARK, DE
[71] UNIVERSITETET I TROMSO - NORGES ARKTISKE UNIVERSITET, NO
[71] UNIVERSITAT BIELEFELD, DE
[85] 2018-10-10
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[54] **T CELL RECEPTORS**
[54] **RECEPTEURS DE LYMPHOCYTES T**
[72] TRIBBLE, NICHOLAS, GB
[72] LAWRANCE, WILLIAM, GB
[72] BAGG, ELEANOR, GB
[71] ADAPTIMMUNE LIMITED, GB
[85] 2018-10-04
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[51] **Int.Cl. G01N 1/20 (2006.01)**
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[54] **APPARATUS, SYSTEMS AND METHODS FOR SAMPLING FLUIDS**
[54] **APPAREIL, SYSTEMES ET PROCEDES D'ECHANTILLONNAGE DE FLUIDES**
[72] DONALD, IAN, GB
[72] REID, JOHN, GB
[71] ENPRO SUBSEA LIMITED, GB
[85] 2018-10-10
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[25] EN
[54] **SUBSTITUTED OXADIAZOLES FOR COMBATING PHYTOPATHOGENIC FUNGI**
[54] **OXADIAZOLES SUBSTITUES POUR LUTTER CONTRE DES CHAMPIGNONS PHYTOPATHOGENES**
[72] TERTERYAN-SEISER, VIOLETA, DE
[72] GRAMMENOS, WASSILIOS, DE
[72] WIEBE, CHRISTINE, DE
[72] KRETSCHMER, MANUEL, US
[72] CRAIG, IAN ROBERT, DE
[72] ESCRIBANO CUESTA, ANA, DE
[72] FEHR, MARCUS, DE
[72] MENTZEL, TOBIAS, DE
[72] QUINTERO PALOMAR, MARIA ANGELICA, DE
[72] GROTE, THOMAS, DE
[72] CAMBEIS, ERICA, DE
[72] MUELLER, BERND, DE
[72] LOHMANN, JAN KLAAS, DE
[72] WINTER, CHRISTIAN HARALD, DE
[71] BASF SE, DE
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[86] 2017-03-31 (PCT/EP2017/057669)
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[51] **Int.Cl. G06Q 10/10 (2012.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR AUTOMATIC CATEGORIZATION AND ASSESSMENTOF BILLING NARRATIVES**
[54] **SYSTEME, PROCEDE ET APPAREIL DE CATEGORISATION ET D'EVALUATION AUTOMATIQUES DE DESCRIPTIFS DE FACTURATION**
[72] HARRISON, SEAN, IE
[72] DINEEN, MICHAEL, IE
[72] NOLAN, IAN, IE
[72] FLOOD, CIARAN, IE
[72] KELLY, ALEX, IE
[71] SHINE ANALYTICS LTD., IE
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[25] EN
[54] **A METHOD FOR THE MANUFACTURE OF A WET GLUED WOOD ARTICLE**
[54] **PROCEDE DE FABRICATION D'UN ARTICLE EN BOIS COLLE PAR VOIE HUMIDE**
[72] HIRMKE, MARKUS, AT
[71] STORA ENSO OYJ, FI
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[86] 2017-04-12 (PCT/IB2017/052111)
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[54] **SYSTEME DE PASSAGE POUR POISSONS MIGRATEURS**
[72] AITTANIEMI, TARMO, FI
[71] KALASYDAN OY, FI
[71] KALASYDAN OY, FI
[85] 2018-10-10
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[54] **PLATFORM FOR GEO-FENCE SOCIAL MEDIA**
[54] **PLATEFORME DESTINEE A UN MEDIA SOCIAL DE BARRIERE-GEO**
[72] CURRY, STEVE, US
[72] TAN, BENG LEONG, US
[71] HIPPWARE, INC., US
[85] 2018-10-10
[86] 2017-03-02 (PCT/US2017/020470)
[87] (WO2017/196435)
[30] US (62/333,762) 2016-05-09
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[25] EN
[54] **COMPOSITION COMPRISING ORGANOBORATES AND PHYSICAL SOLVENTS AND USE THEREOF FOR THE REMOVAL OF ACID GASES FROM HYDROCARBON FLUID STREAMS**
[54] **COMPOSITION COMPRENANT DES ORGANOBORATES ET DES SOLVANTS PHYSIQUES ET SON UTILISATION POUR L'ELIMINATION DE GAZ ACIDES DE FLUX DE FLUIDES D'HYDROCARBURES**
[72] LAROCHE, CHRISTOPHE R., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-10-10
[86] 2017-03-16 (PCT/US2017/022630)
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[30] US (62/321,468) 2016-04-12

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[54] **CONTROLLING AN ELECTRICAL APPARATUS**
[54] **COMMANDE D'UN APPAREIL ELECTRIQUE**
[72] SPENCE, GLEN CONNOR, US
[72] KLETTI, DANIEL RIAN, US
[72] KINSLEY, GAVIN RAY, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2018-10-10
[86] 2017-03-22 (PCT/US2017/023619)
[87] (WO2017/180303)
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[25] EN
[54] **CHEMICAL PROCESS FOR SULFUR REDUCTION OF HYDROCARBONS**
[54] **PROCEDE CHIMIQUE DE REDUCTION DE SOUFRE D'HYDROCARBURES**
[72] WEERS, JERRY J., US
[72] O'BRIEN, TIMOTHY J., US
[72] MORGAN, WAYNN C., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-10-10
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[30] US (62/323,120) 2016-04-15
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[25] EN
[54] **COMPOSITION AND METHOD FOR INHIBITING CORROSION**
[54] **COMPOSITION ET PROCEDE D'INHIBITION DE LA CORROSION**
[72] DREWNIAK, MARTA, US
[72] STEIMEL, LYLE H., US
[71] NCH CORPORATION, US
[85] 2018-10-10
[86] 2017-03-30 (PCT/US2017/024885)
[87] (WO2017/180328)
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[72] XU, FUMING, US
[72] HU, JIANTAO, US
[72] BAI, LONGCHUAN, US
[72] YANG, CHAO-YIE, US
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[54] **METHODS AND COMPOSITIONS FOR DETECTING SINGLE T CELL RECEPTOR AFFINITY AND SEQUENCE**
[54] **PROCEDES ET COMPOSITIONS POUR DETECTER LA SEQUENCE ET L'AFFINITE VIS-A-VIS D'UN RECEPTEUR UNIQUE DE LYMPHOCYTE T**
[72] JIANG, NING, US
[72] ZHANG, SHUQI, US
[72] MA, KEYUE, US
[72] HE, CHENFENG, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **DEGRADATION DE LA KINASE 8 CYCLINE-DEPENDANTE (CDK8) PAR CONJUGAISON D'INHIBITEURS DE CDK8 AVEC UN LIGAND DE TYPE LIGASE E3 ET LEURS PROCEDES D'UTILISATION**
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[72] ZHANG, TINGHU, US
[72] OLSON, CALLA M., US
[72] LIANG, YANKE, US
[72] KWIATKOWSKI, NICHOLAS, US
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[72] LAWRANCE, WILLIAM, GB
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[54] **UTILISATION D'UN INHIBITEUR DE L'ACETYLCHOLINESTERASE ET D'IDATIDINE POUR REDUIRE LES CHUTES CHEZ LES PATIENTS ATTEINTS DE LA MALADIE DE PARKINSON**
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[72] KUCINSKI, AARON, US
[72] SARTER, MARTIN, US
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[54] **ACIDES CARBOXYLIQUES POUR UNE APPLICATION CHEZ LES JEUNES ENFANTS**
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[72] HARRIS, MARK DAVID, GB
[72] THOMAS, ANDREW J., GB
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[72] RAY, KENNETH D., US
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[54] **ACIDES CARBOXYLIQUES POUR LE TRAITEMENT/LA PREVENTION D'UNE MALADIE DE LA PEAU**
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[72] KUMAR, SANDEEP, US
[72] CHEN, WEI, US
[71] DOW AGROSCIENCES LLC, US
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[54] **SYSTEMES, PROCEDES ET PRODUITS PERMETTANT DE REDUIRE AU MINIMUM LES REACTIONS TISSULAIRES ET LES LESIONS TISSULAIRES AU NIVEAU D'UN SITE DE PERFUSION**
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[72] KREUTZER, DONALD L., US
[71] CELL AND MOLECULAR TISSUE ENGINEERING, LLC, US
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[72] ZUMBRUNN, CORNELIA, CH
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[72] PLATT, JOSEPH EDWARD, US
[72] CHENEY, ERIC PERRY, US
[72] SCARLATA, ANDREW FRANCIS, US
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[72] COSTELLA, STEPHEN, CA
[72] ENGELBRETH, DAN, CA
[72] GULKA, NOEL, CA
[72] KIRCHNER, ALANNA, CA
[72] MEYER, ADAM, CA
[72] MORTON, ROBERT, CA
[72] NOWAK, BART, CA
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[54] **COMPOSITION FOR IMPROVING BRAIN FUNCTION FOR NEONATES**
[54] **COMPOSITION D'AMELIORATION DE LA FONCTION CEREBRALE POUR NOUVEAU-NES**
[72] KUSUDA, SATOSHI, JP
[72] TOTSU, SATSUKI, JP
[72] TERAHARA, MASAKI, JP
[71] MEIJI CO., LTD., JP
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[54] **COURROIE CRANTEE ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] IKEDA, MAKOTO, JP
[71] MITSUBOSHI BELTING LTD., JP
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[54] **METHODS AND SYSTEMS FOR AMPLIFICATION IN COMPLEX SAMPLES**
[54] **PROCEDES ET SYSTEMES D'AMPLIFICATION DANS DES ECHANTILLONS COMPLEXES**
[72] THOMANN, ULRICH HANS, US
[72] SNYDER, JESSICA LEE, US
[72] LOWERY, THOMAS JAY, JR., US
[71] T2 BIOSYSTEMS, INC., US
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[54] **A SYSTEM AND METHOD FOR NETWORK INCIDENT IDENTIFICATION, CONGESTION DETECTION, ANALYSIS, AND MANAGEMENT**
[54] **SYSTEME ET PROCEDE D'IDENTIFICATION D'INCIDENT DE RESEAU, AINSI QUE DE DETECTION, D'ANALYSE ET DE GESTION D'ENCOMBREMENT**
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[72] SRINIVAS, ANAND, US
[72] HOSSAIN, S M S, US
[72] CHANDRASEKARAN, BALACHANDER, US
[71] NYANSA, INC., US
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[72] BOWMAN, BRIAN R., US
[72] BLODGETT, JOSHUA A.V., US
[72] VERDINE, GREGORY L., US
[72] GRAY, DANIEL C., US
[72] MORGENSTERN, JAY P., US
[72] FOULSTON, LUCY, US
[72] ROBISON, KEITH, US
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[54] **BROYEURS, ANALYSEURS ET TECHNOLOGIES ASSOCIEES**
[72] ROSE, SAMANTHA, US
[72] HEIMENDINGER, SCOTT, US
[72] STREIB, TASCHE, US
[72] LAZ, JOHN, US
[72] EGAN, MICHAEL, US
[72] LESTER, CHRISTIAN, US
[72] ROSE, BRIAN, US
[71] SORRY ROBOTS LLC, US
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[54] **VEHICULE AUTONOME AVEC DISPOSITIF DE PARE-CHOCS**
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[71] LELY PATENT N.V., NL
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[54] **COMPOSITION DE DETERGENT COMPRENANT UNE ENZYME TRANSFORMANT L'ACIDE OLEIQUE**
[72] LANT, NEIL JOSEPH, GB
[72] BETTIOL, JEAN-LUC PHILIPPE, BE
[72] GONZALES, DENIS ALFRED, BE
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **COMPOSITIONS DE LYMPHOCYTES T A RECEPTEURS ALLOANTIGENES CHIMERIQUES ET PROCEDES AFFERENTS**
[72] MILONE, MICHAEL C., US
[72] ARRUDA, VALDER, US
[72] RICHMAN, SARAH, US
[72] SAMELSON-JONES, BENJAMIN, US
[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US
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[54] **METHODES DE TRAITEMENT FAISANT INTERVENIR DES CONJUGUES DE CHLOROTOXINE**
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[72] BYRNES-BLAKE, KELLY, US
[71] BLAZE BIOSCIENCE, INC., US
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[54] **PROCEDE DE MISE EN OEUVRE D'UN PROCESSUS A LIT BOUILLONNANT VISANT A REDUIRE LA PRODUCTION DE SEDIMENTS**
[72] GINESTRA, JOSIANE MARIE-ROSE, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **APPAREIL DE MANUTENTION DE MATERIEL ET PROCEDE DE TRI D'ARTICLES UTILISANT UN RESEAU DE TRI CONFIGURABLE DYNAMIQUEMENT**
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[72] RESSLER, DAVID, US
[72] DIETRICH, DOUGLAS, US
[72] STEVENS, ALEXANDER, US
[72] O'MARA, KERRY, US
[72] CHERRY, KEVIN, US
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[72] YORK, MICHAEL, US
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[72] CARON, MARJOLEIN MARIA JOHANNA, NL
[71] UNIVERSITEIT MAASTRICHT, NL
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[72] PARISOT, ALEXIS GUY ANDRE LUCIEN, FR
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[54] **SYSTEME, APPAREIL ET PROCEDE DE SURVEILLANCE DE COMPOSES ORGANIQUES DANS UN ENVIRONNEMENT GAZEUX**
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[54] **SYSTEME DE COFFRAGE HORIZONTAL ET PROCEDE DE SECURITE POUR INSTALLER DES PANNEAUX DE COFFRAGE DANS UN SYSTEME DE COFFRAGE HORIZONTAL**
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[72] ARABAOLAZA OCHOA, ARANTZAZU, ES
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[71] HALDOR TOPSOE A/S, DK
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[54] **SYSTEME D'EXECUTION D'UNE VERIFICATION DE VALIDITE D'UN DISPOSITIF D'UTILISATEUR**
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[71] VISA EUROPE LIMITED, GB
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[54] **PROCEDES ET SYSTEMES POUR MOTEUR DE MISE EN CORRESPONDANCE DE CHARGE DYNAMIQUE**
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[71] KONEXIAL, INC., US
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[72] RUFFEL, EDDIE, US
[72] MERRITT, GRAHAM, US
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[71] PANAVISION INTERNATIONAL, L.P., US
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[72] GAD, MONIKA, DK
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[25] FR
[54] **REMOVABLE CASSETTE FOR AN APPARATUS FOR SAMPLING NANOPARTICLES PRESENT IN AN AEROSOL, AND FILTRATION ASSEMBLY FOR SUCH A CASSETTE**
[54] **CASSETTE AMOVIBLE POUR APPAREIL DE PRELEVEMENT DE NANOPARTICULES PRESENTS DANS UN AEROSOL, ET ENSEMBLE DE FILTRATION POUR UNE TELLE CASSETTE**
[72] DE THOURY, RAPHAEL, FR
[71] PARTICLEVER, FR
[85] 2018-10-10
[86] 2017-05-09 (PCT/EP2017/061060)
[87] (WO2017/194541)
[30] FR (1654316) 2016-05-13

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[51] **Int.Cl. E21B 11/02 (2006.01) E21B 7/00 (2006.01) F41A 1/00 (2006.01) F41A 1/02 (2006.01) F41A 1/04 (2006.01)**
[25] EN
[54] **RAM ACCELERATOR SYSTEM WITH BAFFLES**
[54] **SYSTEME D'ACCELERATEUR A EFFET STATO DOTE DE DEFLECTEURS**
[72] RUSSELL, MARK C., US
[72] ELDER, TIMOTHY JOHN, US
[72] WOLFF, JONATHAN M., US
[71] HYPERSCIENCES, INC., US
[85] 2018-10-10
[86] 2016-04-21 (PCT/US2016/028704)
[87] (WO2016/172381)
[30] US (62/150,836) 2015-04-21
[30] US (15/135,452) 2016-04-21

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[51] **Int.Cl. H02K 7/08 (2006.01) B25J 9/12 (2006.01) H02K 3/00 (2006.01)**
[25] EN
[54] **AXIAL FLUX ELECTRIC MACHINE COMPRISING A RADIALLY INNER THRUST BEARING AND A RADIALLY OUTER THRUST BEARING**
[54] **MACHINE ELECTRIQUE A FLUX AXIAL COMPRENANT UN PALIER DE BUTEE INTERNE RADIALEMENT ET UN PALIER DE BUTEE EXTERNE RADIALEMENT**
[72] KLASSEN JAMES BRENT, CA
[72] SPASOV, DAMIAN, CA
[72] POPE, BRADLEY CHRISTOPHER, CA
[71] GENESIS ROBOTICS AND MOTION TECHNOLOGIES CANADA, ULC, CA
[85] 2018-10-11
[86] 2017-04-13 (PCT/CA2017/050470)
[87] (WO2017/177341)
[30] US (62/322,217) 2016-04-13
[30] US (62/363,202) 2016-07-15
[30] US (15/235,088) 2016-08-11
[30] US (62/460,086) 2017-02-16

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[51] **Int.Cl. H02K 7/08 (2006.01) B25J 9/12 (2006.01) H02K 3/00 (2006.01)**
[25] EN
[54] **ELECTRIC MACHINE COMPRISING AXIAL THRUST BEARINGS**
[54] **MACHINE ELECTRIQUE A PALIERS DE BUTEE AXIAUX**
[72] KLASSEN JAMES BRENT, CA
[72] POPE, BRADLEY CHRISTOPHER, CA
[71] GENESIS ROBOTICS AND MOTION TECHNOLOGIES CANADA, ULC, CA
[85] 2018-10-11
[86] 2017-04-13 (PCT/CA2017/050471)
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[30] US (62/322,217) 2016-04-13
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[51] **Int.Cl. A61K 9/107 (2006.01) A61K 47/02 (2006.01)**
[25] EN
[54] **INJECTABLE COMPOSITION FOR DELIVERY OF A BIOLOGICALLY ACTIVE AGENT**
[54] **COMPOSITION INJECTABLE POUR L'ADMINISTRATION D'UN AGENT BIOLOGIQUEMENT ACTIF**
[72] AL KOBAISI, MOHAMMAD, AU
[72] MAINWARING, DAVID E., AU
[71] CAPSULAR TECHNOLOGIES PTY LTD, AU
[85] 2018-10-11
[86] 2017-04-11 (PCT/AU2017/050316)
[87] (WO2017/177265)
[30] AU (2016901365) 2016-04-12
[30] AU (2016903682) 2016-09-13

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[51] **Int.Cl. F41H 5/24 (2006.01) F42D 5/045 (2006.01) F42D 5/05 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR BLAST IMPULSE REDUCTION**
[54] **SYSTEMES ET PROCEDE POUR REDUIRE UNE IMPULSION DE SOUFFLE**
[72] O'NEAL, JAMES, US
[72] MILLER, JASON, US
[71] ADVANCED BLAST PROTECTION SYSTEMS, LLC, US
[85] 2018-10-10
[86] 2017-03-30 (PCT/US2017/025044)
[87] (WO2017/213735)
[30] US (62/321,449) 2016-04-12

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[51] **Int.Cl. B01J 23/40 (2006.01) B01D 53/04 (2006.01)**
[25] EN
[54] **OXIDATION CATALYST FOR LEAN COMPRESSED NATURAL GAS ENGINE**
[54] **CATALYSEUR D'OXYDATION POUR MOTEUR A GAZ NATUREL COMPRIME PAUVRE**
[72] WEI, XINYI, US
[72] GERLACH, OLGA, DE
[72] SCHULMAN, EMILY, US
[72] SUNDERMANN, ANDREAS, DE
[72] ROTH, STANLEY A., US
[72] AN, LIMIAO, CN
[71] BASF CORPORATION, US
[85] 2018-10-11
[86] 2017-04-12 (PCT/IB2017/052120)
[87] (WO2017/178991)
[30] CN (201610232574.0) 2016-04-14

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[13] A1
[51] **Int.Cl. H04N 21/442 (2011.01) H04N 21/45 (2011.01)**
[25] EN
[54] **GENERATION, RANKING, AND DELIVERY OF ACTIONS FOR ENTITIES IN A VIDEO DELIVERY SYSTEM**
[54] **GENERATION, CLASSEMENT ET DISTRIBUTION D'ACTIONS POUR DES ENTITES DANS UN SYSTEME DE DISTRIBUTION VIDEO**
[72] KAYA, LUTFI ILKE, US
[72] TANG, BANGSHENG, US
[72] YANG, TONG, US
[72] KEHLER, CHRISTOPHER RUSSELL, US
[72] ZHANG, CHI, US
[71] HULU, LLC, US
[85] 2018-10-10
[86] 2017-04-05 (PCT/US2017/026195)
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[30] US (62/323,235) 2016-04-15
[30] US (15/399,702) 2017-01-05

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[51] **Int.Cl. G06T 7/73 (2017.01)**
[25] EN
[54] **PALLET DETECTION USING UNITS OF PHYSICAL LENGTH**
[54] **DETECTION DE PALETTE A L'AIDE D'UNITES DE LONGUEUR PHYSIQUE**
[72] PHILLIPS, SIAN, US
[72] PADHYE, SHANTANU, US
[71] CROWN EQUIPMENT CORPORATION, US
[85] 2018-10-10
[86] 2017-04-07 (PCT/US2017/026493)
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[30] US (15/139,394) 2016-04-27

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[51] **Int.Cl. B65G 47/84 (2006.01) B65G 47/90 (2006.01)**
[25] EN
[54] **TRANSFER SYSTEM FOR CONTAINERS**
[54] **SYSTEME DE TRANSFERT POUR RECIPIENTS**
[72] EUSEBIONE, ERNESTO, IT
[72] CAVEZZAN, PAOLO, IT
[72] CHIES, DANIELE, IT
[72] ZOPPAS, MATTEO, IT
[71] S.I.P.A. SOCIETA' INDUSTRIALIZZAZIONE PROGETTAZIONE E AUTOMAZIONE S.P.A., IT
[85] 2018-10-11
[86] 2017-04-14 (PCT/IB2017/052169)
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[30] IT (102016000038971) 2016-04-15

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[51] **Int.Cl. C23C 2/28 (2006.01) C23C 2/06 (2006.01) C23C 2/12 (2006.01) C22C 38/00 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **HOT STAMPED STEEL**
[54] **CORPS MOULE PAR ESTAMPAGE A CHAUD**
[72] SENGOKU, AKIHIRO, JP
[72] TAKEBAYASHI, HIROSHI, JP
[72] AKIOKA, KOJI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-10-11
[86] 2016-05-10 (PCT/JP2016/063856)
[87] (WO2017/195269)

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[51] **Int.Cl. A01K 27/00 (2006.01) A01K 13/00 (2006.01)**
[25] EN
[54] **RESTRAINT ASSEMBLY FOR AN ANIMAL**
[54] **ENSEMBLE DE RETENUE POUR UN ANIMAL**
[72] SPANOVIC, GREGORY ALEXANDER, CA
[72] BUTLER, JULIA CATHRINE, CA
[71] K-9 MD INCORPORATED, CA
[85] 2018-10-11
[86] 2017-04-11 (PCT/IB2017/000526)
[87] (WO2017/178891)
[30] US (62/320,798) 2016-04-11
[30] US (15/485,006) 2017-04-11

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[13] A1
[51] **Int.Cl. H04W 36/30 (2009.01) H04W 36/08 (2009.01) H04W 36/38 (2009.01) H04W 92/20 (2009.01)**
[25] EN
[54] **BASE STATION, MOBILE COMMUNICATION SYSTEM AND HANDOVER CONTROL METHOD**
[54] **STATION DE BASE, SYSTEME DE COMMUNICATION MOBILE ET PROCEDE DE COMMANDE DE TRANSFERT INTERCELLULAIRE**
[72] KANAZAWA, NOBORU, JP
[72] OGATA, DAIGO, JP
[72] NAGATE, ATSUSHI, JP
[72] FUJII, TERUYA, JP
[71] SOFTBANK CORP., JP
[85] 2018-10-11
[86] 2017-03-03 (PCT/JP2017/008600)
[87] (WO2017/179334)
[30] JP (2016-079732) 2016-04-12

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[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS AND KITS FOR THE DIAGNOSIS AND RISK STRATIFICATION OF PATIENTS WITH ISCHEMIA**
[54] **PROCEDES ET KITS DE DIAGNOSTIC ET DE STRATIFICATION DES RISQUES DE PATIENTS SOUFFRANT D'ISCHEMIE**
[72] BADIMON MAESTRO, LINA, ES
[72] CUBEDO RAFOLS, JUDIT, ES
[72] PADRO CAPMANY, TERESA, ES
[71] FUNDACIO INSTITUT DE RECERCA DE L'HOSPITAL DE LA SANTA CREU I SANT PAU, ES
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, ES
[85] 2018-10-11
[86] 2017-04-12 (PCT/EP2017/058768)
[87] (WO2017/178521)
[30] EP (16382167.1) 2016-04-12

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[51] **Int.Cl. E04B 2/56 (2006.01) E04B 1/348 (2006.01) E04B 2/74 (2006.01) F24F 13/32 (2006.01)**
[25] EN
[54] **PANEL WITH INTEGRATED AIR CONDITIONER FOR PREFABRICATED HOUSES**
[54] **PANNEAU AVEC CLIMATISEUR INTEGRE POUR MAISONS PREFABRIQUEES**
[72] YABUSHITA SHINICHIRO, JP
[72] MATSUI MASAKI, JP
[72] KAMATA KAZUNORI, JP
[71] SANKYO FRONTIER CO., LTD., JP
[85] 2018-10-11
[86] 2017-04-13 (PCT/JP2017/015111)
[87] (WO2017/179651)
[30] JP (2016-081066) 2016-04-14

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[51] **Int.Cl. B60G 7/02 (2006.01) B60G 9/00 (2006.01) B60G 11/10 (2006.01) B62D 21/02 (2006.01) B62D 27/00 (2006.01) B62D 65/12 (2006.01)**
[25] EN
[54] **FRAME UNIT**
[54] **UNITE DE CHASSIS**
[72] BORDE, FLORIAN, DE
[72] ARPACI, MUHAMMET, DE
[72] BERGMANN, PHILIPP, DE
[71] SAF-HOLLAND GMBH, DE
[85] 2018-10-11
[86] 2017-04-12 (PCT/EP2017/058835)
[87] (WO2017/178547)
[30] DE (10 2016 107 048.3) 2016-04-15

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[13] A1
[51] **Int.Cl. G06Q 50/22 (2018.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR BIOLOGICAL DATA MANAGEMENT**
[54] **SYSTEMES ET PROCEDES DE GESTION DE DONNEES BIOLOGIQUES**
[72] VAKILI, MASOUD, US
[72] CHRISTOFFERSON, KURT, US
[72] OLDHAM, MARK, US
[71] QUANTUM BIOSYSTEMS INC., JP
[85] 2018-10-11
[86] 2017-04-11 (PCT/JP2017/014847)
[87] (WO2017/179581)
[30] US (62/321,103) 2016-04-11

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[51] **Int.Cl. B29B 11/16 (2006.01) B29C 70/50 (2006.01) B29C 70/88 (2006.01) B32B 5/28 (2006.01) C08J 5/24 (2006.01)**
[25] EN
[54] **PREPREG, FIBER-REINFORCED COMPOSITE MATERIAL, AND SURFACE-MODIFIED REINFORCING FIBERS**
[54] **PREIMPREGNE, MATERIAU COMPOSITE RENFORCE DE FIBRES ET FIBRES DE RENFORT A SURFACE MODIFIEE**
[72] KUROKAWA, KAZUMA, JP
[72] AKAMATSU, TETSUYA, JP
[72] KUWAHARA, HIROAKI, JP
[71] TEIJIN LIMITED, JP
[85] 2018-10-11
[86] 2017-04-13 (PCT/JP2017/015161)
[87] (WO2017/179666)
[30] JP (2016-080403) 2016-04-13
[30] JP (2017-046796) 2017-03-10

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[51] **Int.Cl. A23L 27/30 (2016.01) A23L 2/60 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **PRODUCTION OF STEVIOL GLYCOSIDES IN RECOMBINANT HOSTS**
[54] **PRODUCTION DE GLYCOSIDES DE STEVIOL DANS DES HOTES RECOMBINANTS**
[72] DOUCHIN, VERONIQUE, DK
[72] HALLWYL, SWEE CHUANG LIM, DK
[72] OLSSON, KIM, DK
[71] EVOLVA SA, CH
[85] 2018-10-11
[86] 2017-04-13 (PCT/EP2017/059028)
[87] (WO2017/178632)
[30] US (62/321,850) 2016-04-13

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[13] A1
[51] **Int.Cl. H01M 10/0567 (2010.01) H01M 4/505 (2010.01) H01M 10/052 (2010.01) H01M 4/36 (2006.01)**
[25] EN
[54] **LITHIUM SECONDARY CELL AND METHOD FOR MANUFACTURING LITHIUM SECONDARY CELL**
[54] **CELLULE SECONDAIRE AU LITHIUM ET PROCEDE DE FABRICATION D'UNE CELLULE SECONDAIRE AU LITHIUM**
[72] HARUNA, HIROSHI, JP
[72] TAKAHASHI, SHIN, JP
[71] HITACHI HIGH-TECHNOLOGIES CORPORATION, JP
[85] 2018-10-11
[86] 2017-04-20 (PCT/JP2017/015931)
[87] (WO2017/183696)
[30] JP (2016-085554) 2016-04-21

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[13] A1
[51] **Int.Cl. H01M 4/90 (2006.01) H01M 8/0637 (2016.01) H01M 4/92 (2006.01)**
[25] EN
[54] **SUPPORTED NICKEL CATALYSTS USED AS DIRECT INTERNAL REFORMING CATALYST IN MOLTEN CARBONATE FUEL CELLS**
[54] **CATALYSEURS AU NICKEL SUPPORTES UTILISES COMME CATALYSEUR DE REFORMAGE INTERNE DIRECT DANS DES PILES A COMBUSTIBLE AU CARBONATE FONDU**
[72] WANG, JIN-YUN, US
[72] FAROOQUE, MOHAMMAD, US
[72] VENKATARAMAN, RAMAKRISHNAN, US
[72] YUH, CHAO-YI, US
[72] CORPUZ, APRIL, US
[71] FUELCELL ENERGY, INC., US
[85] 2018-10-10
[86] 2017-04-10 (PCT/US2017/026837)
[87] (WO2017/180523)
[30] US (62/321,043) 2016-04-11

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[13] A1
[51] **Int.Cl. A41D 13/11 (2006.01) A62B 18/02 (2006.01)**
[25] EN
[54] **MASK PROVIDED WITH LATCH**
[54] **MASQUE DOTE D'UN VERROU**
[72] SHIBATA, SHINNOSUKE, JP
[71] KOKEN LTD., JP
[85] 2018-10-11
[86] 2017-04-13 (PCT/JP2017/015059)
[87] (WO2017/183545)
[30] JP (2016-085601) 2016-04-21

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[13] A1
[51] **Int.Cl. C08K 5/053 (2006.01) A63H 33/00 (2006.01) B43L 19/00 (2006.01) B44C 3/04 (2006.01) C08J 9/00 (2006.01) C08J 9/32 (2006.01) C08K 5/00 (2006.01) C08K 5/103 (2006.01) C08L 31/04 (2006.01) C09K 3/10 (2006.01)**
[25] EN
[54] **COMPOSITION**
[54] **COMPOSITION**
[72] THURESSON, STAFFAN, SE
[72] MODELL, JONAS, SE
[72] THURESSON, KRISTER, SE
[71] RAMLAT LIMITED, MT
[85] 2018-10-11
[86] 2017-04-13 (PCT/EP2017/059042)
[87] (WO2017/178638)
[30] GB (1606649.0) 2016-04-15

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[13] A1
[51] **Int.Cl. A61F 13/08 (2006.01) A61F 13/00 (2006.01)**
[25] EN
[54] **PRESSURE SENSOR**
[54] **CAPTEUR DE PRESSION**
[72] HUQ, EJAZ, GB
[71] SFH OXFORD LTD., GB
[85] 2018-10-11
[86] 2017-04-05 (PCT/GB2017/050953)
[87] (WO2017/174984)
[30] GB (1605817.4) 2016-04-05

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[13] A1
[51] **Int.Cl. G01R 31/02 (2006.01)**
[25] EN
[54] **GROUND IMPEDANCE MEASUREMENT OF A CONDUIT SYSTEM**
[54] **MESURE D'IMPEDANCE DE MASSE D'UN SYSTEME DE CONDUITE**
[72] FREER, BENJAMIN AVERY, US
[72] MANAHAN, JOSEPH MICHAEL, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2018-10-10
[86] 2017-04-10 (PCT/US2017/026843)
[87] (WO2017/180525)
[30] US (62/320,678) 2016-04-11

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[13] A1
[51] **Int.Cl. C08G 63/181 (2006.01) C08L 67/02 (2006.01)**
[25] EN
[54] **NEW POLYESTER AND COMPOSITIONS CONTAINING IT**
[54] **NOUVEAU POLYESTER ET COMPOSITIONS LE CONTENANT**
[72] BASTIOLI, CATIA, IT
[72] CAPUZZI, LUIGI, IT
[72] MILIZIA, TIZIANA, IT
[72] RALLIS, ANGELOS, IT
[72] VALLERO, ROBERTO, IT
[71] NOVAMONT S.P.A., IT
[85] 2018-10-11
[86] 2017-04-20 (PCT/EP2017/059398)
[87] (WO2017/182571)
[30] IT (102016000040946) 2016-04-20

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[51] **Int.Cl. B60N 2/28 (2006.01) B60N 2/12 (2006.01) B60N 2/26 (2006.01)**
[25] EN
[54] **BABY CAR SEAT ALLOWING POSITION CHANGE**
[54] **SIEGE POUR BEBE DE VOITURE PERMETTANT UN CHANGEMENT DE POSITION**
[72] JUNG, IN SOO, KR
[72] SUNG, GWON JE, KR
[72] LEE, CHUNG SUP, KR
[71] DONG-IN ENTECH CO., LTD., KR
[85] 2018-10-11
[86] 2016-04-12 (PCT/KR2016/003854)
[87] (WO2017/179745)

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[13] A1
[51] **Int.Cl. C08G 63/181 (2006.01) C08L 67/02 (2006.01)**
[25] EN
[54] **NEW POLYESTER AND COMPOSITIONS CONTAINING IT**
[54] **NOUVEAU POLYESTER ET COMPOSITIONS LE CONTENANT**
[72] BASTIOLI, CATIA, IT
[72] CAPUZZI, LUIGI, IT
[72] MILIZIA, TIZIANA, IT
[72] RALLIS, ANGELOS, IT
[72] VALLERO, ROBERTO, IT
[71] NOVAMONT S.P.A., IT
[85] 2018-10-11
[86] 2017-04-20 (PCT/EP2017/059410)
[87] (WO2017/182576)
[30] IT (102016000040946) 2016-04-20

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[51] **Int.Cl. C07C 225/20 (2006.01) A61K 31/135 (2006.01) A61P 25/00 (2006.01) C07B 59/00 (2006.01)**
[25] EN
[54] **DEUTERATED KETAMINE DERIVATIVES**
[54] **DERIVES DE KETAMINE DEUTERES**
[72] ZHANG, CHENGZHI, US
[72] WANG, YI, US
[72] LAUFER, RALPH, IL
[71] CLEXIO BIOSCIENCES LTD., IL
[85] 2018-10-10
[86] 2017-04-11 (PCT/US2017/026953)
[87] (WO2017/180589)
[30] US (62/320,914) 2016-04-11

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[13] A1
[51] **Int.Cl. C12N 15/77 (2006.01) C12N 15/52 (2006.01) C12P 19/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING 2'-FUCOSYLLACTOSE BY USING CORYNEBACTERIUM GLUTAMICUM**
[54] **PROCEDE DE FABRICATION DE 2'-FUCOSYLLACTOSE PAR L'UTILISATION DE CORYNEBACTERIUM GLUTAMICUM**
[72] SEO, JIN-HO, KR
[72] CHIN, YOUNG-WOOK, KR
[72] JO, HAE-YONG, KR
[71] SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION, KR
[71] AP TECHNOLOGIES CORP., KR
[85] 2018-10-11
[86] 2017-04-24 (PCT/KR2017/004340)
[87] (WO2017/188684)
[30] KR (10-2016-0050219) 2016-04-25

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[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/32 (2006.01) A61B 18/00 (2006.01) A61B 18/12 (2006.01) A61B 18/14 (2006.01) A61B 18/18 (2006.01)**
[25] EN
[54] **ELECTROSURGICAL DEVICE WITH VACUUM PORT**
[54] **DISPOSITIF ELECTROCHIRURGICAL MUNI D'ORIFICE SOUS VIDE**
[72] PEPE, GREGORY, US
[72] MILLER, MICHAEL J., US
[72] SHVETSOV, KYRYLO, US
[72] BONANO, SAMANTHA, US
[71] BUFFALO FILTER LLC, US
[85] 2018-10-10
[86] 2017-04-11 (PCT/US2017/027021)
[87] (WO2017/180630)
[30] US (62/320,867) 2016-04-11

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[13] A1
[51] **Int.Cl. G02F 1/1343 (2006.01) G02B 3/14 (2006.01) G02F 1/1345 (2006.01)**
[25] EN
[54] **ELECTRO-ACTIVE LENSES WITH RAISED RESISTIVE BRIDGES**
[54] **LENTILLES ELECTROACTIVES AVEC PONTS RESISTIFS SURELEVES**
[72] VAN HEUGTEN, ANTHONY, US
[72] MILTON, HARRY, GB
[71] E-VISION SMART OPTICS, INC., US
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[86] 2016-11-07 (PCT/US2016/060784)
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[30] US (62/321,501) 2016-04-12

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[54] **RACCORD D'UNION AMELIORE**
[72] JOHNSON, ANDREW J., US
[72] DILLE, MARK C., US
[72] FREED, WESLEY D., US
[71] FORUM US, INC., US
[85] 2018-10-11
[86] 2016-12-19 (PCT/US2016/067485)
[87] (WO2017/189045)
[30] US (15/142,027) 2016-04-29

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[51] **Int.Cl. G06Q 20/04 (2012.01) G06Q 20/10 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REDUCING FRAUD RISK FOR A PRIMARY TRANSACTION ACCOUNT**
[54] **SYSTEMES ET PROCEDES POUR REDUIRE LE RISQUE DE FRAUDE POUR UN COMPTE DE TRANSACTION PRIMAIRE**
[72] BERNSTEIN, KATHI L., US
[72] PARK, YOUNGJOON, US
[71] AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC., US
[85] 2018-10-11
[86] 2017-02-23 (PCT/US2017/019003)
[87] (WO2017/180243)
[30] US (15/097,624) 2016-04-13

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[51] **Int.Cl. A61J 1/03 (2006.01) A61J 7/00 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR PACKAGING SOLID MEDICAMENTS, DEVICE FOR STORING AND DISPENSING SUCH MEDICAMENTS, AND DISPENSING METHOD**
[54] **DISPOSITIF ET PROCEDE D'EMBALLAGE DE MEDICAMENTS SOLIDES, DISPOSITIF DE STOCKAGE ET DE DISTRIBUTION DE TELS MEDICAMENTS ET PROCEDE DE DISTRIBUTION**
[72] FOUBET, GREGORY, FR
[72] FOUBET, MICHEL, FR
[72] FOUBET, OLIVIER, FR
[71] DISTRAIMED, FR
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[25] EN
[54] **METHOD AND APPARATUS FOR VERIFICATION OF TDLAS SYSTEM OPERATION**
[54] **PROCEDE ET APPAREIL PERMETTANT LA VERIFICATION D'UNE OPERATION DE SYSTEME TDLAS**
[72] GILTNER, DAVE, US
[72] SAPPEY, ANDREW D., US
[71] JOHN ZINK COMPANY, LLC, US
[85] 2018-10-11
[86] 2017-03-21 (PCT/US2017/023392)
[87] (WO2017/180297)
[30] US (62/321,634) 2016-04-12

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[51] **Int.Cl. C02F 1/42 (2006.01) C02F 1/58 (2006.01)**
[25] EN
[54] **A SUSTAINABLE SYSTEM AND METHOD FOR REMOVING AND CONCENTRATING PER-AND POLYFLUOROALKYL SUBSTANCES (PFAS) FROM WATER**
[54] **SYSTEME DURABLE ET PROCEDE POUR RETIRER ET CONCENTRER DES SUBSTANCES DE PERFLUOROALKYLE ET DE POLYFLUOROALKYLE (PFAS) A PARTIR D'EAU**
[72] NICKELSEN, MICHAEL G., US
[72] WOODARD, STEVEN E., US
[71] EMERGING COMPOUNDS TREATMENT TECHNOLOGIES, INC., US
[85] 2018-10-11
[86] 2017-04-03 (PCT/US2017/025754)
[87] (WO2017/180346)
[30] US (62/321,929) 2016-04-13
[30] US (15/477,350) 2017-04-03

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[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING FAILURE OF INTRAGASTRIC DEVICES**
[54] **SYSTEMES ET METHODES DE DETERMINATION DE DEFAILLANCE DE DISPOSITIFS INTRAGASTRIQUES**
[72] BRISTER, MARK C., US
[72] DRAKE, NEIL R., US
[72] LLEVARES, ANTONIO C., US
[72] MCCARTHY, ELEANOR, US
[72] NELSON, SHELDON, US
[72] PROCTOR, DANIEL J., US
[72] RASDAL, ANDREW P., US
[72] SUNDSETH, KEONI JOHN, US
[72] VANDENBERG, AMY D. L., US
[72] WONG, BETTY, US
[71] OBALON THERAPEUTICS, INC., US
[85] 2018-10-11
[86] 2017-03-15 (PCT/US2017/022572)
[87] (WO2017/180284)
[30] US (15/097,072) 2016-04-12

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[25] EN
[54] **NITROGEN GENERATOR AND USES THEREOF**
[54] **GENERATEUR D'AZOTE ET UTILISATIONS CORRESPONDANTES**
[72] KLEINRICHERT, CHARLES, US
[71] AUTOMATIC BAR CONTROLS, INC., US
[85] 2018-10-11
[86] 2017-04-06 (PCT/US2017/026298)
[87] (WO2017/180422)
[30] US (62/323,190) 2016-04-15
[30] US (15/192,546) 2016-06-24

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[51] **Int.Cl. G02B 6/38 (2006.01)**
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[54] **ROTATABLE FIBER OPTIC CONNECTOR**
[54] **CONNECTEUR OPTIQUE ROTATIF**
[72] GUSTAFSON, EVAN, US
[72] HOPPER, SCOTT, US
[71] LEVITON MANUFACTURING CO., INC., US
[85] 2018-10-11
[86] 2016-10-07 (PCT/US2016/055876)
[87] (WO2017/180181)
[30] US (62/321,145) 2016-04-11
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[51] **Int.Cl. H04M 3/42 (2006.01) H04L 12/18 (2006.01) H04M 3/51 (2006.01) H04M 3/56 (2006.01) H04M 3/58 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING A MULTI-CHANNEL COMMUNICATION SERVICE**
[54] **SYSTEMES ET PROCEDES POUR LA MISE EN □UVRE D'UN SERVICE DE COMMUNICATION DU TYPE MULTICANAUX**
[72] NADALIN, ERIC, US
[72] STRATFORD, NEIL, US
[72] SELMER, ROLAND, US
[71] NEXMO, INC., US
[85] 2018-10-11
[86] 2017-04-07 (PCT/US2017/026555)
[87] (WO2017/180463)
[30] US (62/321,659) 2016-04-12
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[51] **Int.Cl. A61K 31/575 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHODS OF TREATING CANCER**
[54] **PROCEDES DE TRAITEMENT DU CANCER**
[72] MOSCHETTA, ANTONIO, IT
[72] ASURMEDI, JESUS MARIA BANALES, ES
[72] PIEROLA, LUIS BUJANDA FERNANDEZ DE, ES
[72] MONTIEL, MARIA JESUS PERUGORRIA, ES
[72] AZPARREN, OIHANE ERICE, ES
[71] INTERCEPT PHARMACEUTICALS, INC., US
[85] 2018-10-11
[86] 2017-04-11 (PCT/US2017/026931)
[87] (WO2017/180577)
[30] US (62/321,816) 2016-04-13
[30] US (62/468,259) 2017-03-07

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[51] **Int.Cl. C12N 15/82 (2006.01)**
[25] EN
[54] **FLORIGEN PATHWAY TOOLKIT**
[54] **JEU D'OUTILS DE LA VOIE DES SUBSTANCES FLORIGENES**
[72] LIPPMAN, ZACHARY, US
[72] SOYK, SEBASTIAN, US
[72] PARK, SOON-JU, US
[71] COLD SPRING HARBOR LABORATORY, US
[85] 2018-10-11
[86] 2017-04-07 (PCT/US2017/026635)
[87] (WO2017/180474)
[30] US (62/321,178) 2016-04-11

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[51] **Int.Cl. E21B 47/00 (2012.01) G01V 3/26 (2006.01) G01V 3/38 (2006.01)**
[25] EN
[54] **DOWNHOLE SYSTEMS AND ARTICLES FOR DETERMINING A CONDITION OF A WELLBORE OR DOWNHOLE ARTICLE, AND RELATED METHODS**
[54] **ARTICLES ET SYSTEMES DE FOND DE TROU POUR DETERMINER UN ETAT D'UN PUITS DE FORAGE OU D'UN ARTICLE DE FOND DE TROU, ET PROCEDES ASSOCIES**
[72] VENTURA, DARRYL N., US
[72] DOLOG, ROSTYSLAV, US
[72] KHABASHESKU, VALERY N., US
[72] CARREJO, NICHOLAS, US
[72] HOLMES, KEVIN, US
[72] SCOTT, THOMAS MCCLAIN, US
[72] WANG, XIULI, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-10-11
[86] 2017-04-10 (PCT/US2017/026763)
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[30] US (15/095,884) 2016-04-11

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[51] **Int.Cl. A23B 4/12 (2006.01) A01N 37/02 (2006.01) A23L 3/3508 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR REDUCING CONTAMINATION ON FOOD CONTACT SURFACES**
[54] **PROCEDES ET COMPOSITIONS POUR REDUIRE LA CONTAMINATION SUR DES SURFACES DE CONTACT D'ALIMENTS**
[72] SAINI, JASDEEP K., US
[72] LEDGERWOOD, KEVON, US
[72] LUDWIG, WOLFGANG, US
[71] WTI, INC., US
[85] 2018-10-11
[86] 2017-04-11 (PCT/US2017/026968)
[87] (WO2017/180598)
[30] US (15/097,104) 2016-04-12

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[51] **Int.Cl. A61G 7/10 (2006.01) A61H 3/00 (2006.01) A63B 69/00 (2006.01)**
[25] EN
[54] **PATIENT CEILING-HOIST CARRIAGE**
[54] **CHARIOT DE LEVE-PERSONNE SUSPENDU POUR PATIENTS**
[72] WESTWOOD, CHRISTOPHER STEVEN, GB
[72] CAIN, DARRYL, GB
[71] JOERNS HEALTHCARE LIMITED, GB
[85] 2018-10-11
[86] 2017-04-12 (PCT/GB2017/051020)
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[30] GB (1606699.5) 2016-04-18

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[51] **Int.Cl. C12N 15/82 (2006.01) C12N 15/63 (2006.01) C12N 15/79 (2006.01)**
[25] EN
[54] **PLANT PROMOTER AND 3'UTR FOR TRANSGENE EXPRESSION**
[54] **PROMOTEUR DE VEGETAUX ET 3'UTR POUR L'EXPRESSION D'UN TRANSGENE**
[72] GUPTA, MANJU, US
[72] KUMAR, SANDEEP, US
[72] CHEN, WEI, US
[71] DOW AGROSCIENCES LLC, US
[85] 2018-10-11
[86] 2017-04-11 (PCT/US2017/026969)
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[30] US (62/330527) 2016-05-02

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[51] **Int.Cl. G06Q 10/10 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROJECT COORDINATION BETWEEN MULTIPLE USERS**
[54] **PROCEDE ET SYSTEME DE COORDINATION DE PROJET ENTRE DE MULTIPLES UTILISATEURS**
[72] O'TOOLE, JULIA, GB
[71] LOOKIIMEDIA (UK) LIMITED, GB
[85] 2018-10-11
[86] 2017-04-12 (PCT/GB2017/051025)
[87] (WO2017/178818)
[30] GB (1606306.7) 2016-04-12

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[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/28 (2006.01) A61M 5/31 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **INJECTION DEVICE WITH DOSING RESERVOIR FOR A FRACTION OF SOLUTION**
[54] **DISPOSITIF D'INJECTION AVEC RESERVOIR DE DOSAGE POUR UNE FRACTION DE SOLUTION**
[72] OROFINO, ERNESTO, IT
[71] OROFINO PHARMACEUTICALS GROUP SRL, IT
[85] 2018-10-11
[86] 2017-04-11 (PCT/IB2017/052073)
[87] (WO2017/178962)
[30] IT (102016000037972) 2016-04-13

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[51] **Int.Cl. H04N 21/24 (2011.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTOMATIC USER QUALITY-OF-EXPERIENCE MEASUREMENT OF STREAMING VIDEO**
[54] **PROCEDE ET SYSTEME DE MESURAGE AUTOMATIQUE DE LA QUALITE D'EXPERIENCE UTILISATEUR D'UNE DIFFUSION DE VIDEO EN CONTINU**
[72] WANG, ZHOU, CA
[72] DUANMU, ZHENGFANG, CA
[71] SSIMWAVE INC., CA
[85] 2018-10-06
[86] 2017-03-06 (PCT/CA2017/050299)
[87] (WO2017/152274)
[30] US (62/304,318) 2016-03-06

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[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **VIRTUAL-REALITY APPARATUS**
[54] **APPAREIL DE REALITE VIRTUELLE**
[72] HOUDEK-HEIS, ROBIN, US
[72] MORGAN, STARLA C., US
[72] JOHNSON, CLINT E., US
[72] WILKINSON, BRUCE W., US
[71] WALMART APOLLO, LLC, US
[85] 2018-10-10
[86] 2017-04-14 (PCT/US2017/027646)
[87] (WO2017/181019)
[30] US (62/323,026) 2016-04-15
[30] US (62/348,444) 2016-06-10
[30] US (62/360,356) 2016-07-09
[30] US (62/436,842) 2016-12-20
[30] US (62/485,045) 2017-04-13

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[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **VECTOR-BASED CHARACTERIZATIONS OF PRODUCTS AND INDIVIDUALS WITH RESPECT TO PERSONAL PARTIALITIES**
[54] **CARACTERISATIONS EN FONCTION DE VECTEURS DE PRODUITS ET D'INDIVIDUS PAR RAPPORT A DES PARTIALITES PERSONNELLES**
[72] WILKINSON, BRUCE W., US
[72] MATTINGLY, TODD D., US
[71] WALMART APOLLO, LLC, US
[85] 2018-10-10
[86] 2017-04-14 (PCT/US2017/027654)
[87] (WO2017/181025)
[30] US (62/323,026) 2016-04-15
[30] US (62/348,444) 2016-06-10
[30] US (62/436,842) 2016-12-20
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[51] **Int.Cl. B65D 51/18 (2006.01)**
[25] FR
[54] **DISPOSITIF HYGIENIQUE POUR CANNETTE**
[54] **HYGIENIC DEVICE FOR A CAN**
[72] GOUMAS, PHILIPPE, FR
[71] GOUMAS, PHILIPPE, FR
[85] 2018-10-11
[86] 2016-12-01 (PCT/EP2016/079498)
[87] (WO2017/178085)
[30] FR (1653316) 2016-04-14

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[51] **Int.Cl. B29C 67/00 (2017.01) B33Y 70/00 (2015.01)**
[25] EN
[54] **SPRAY-DRIED SOFT-PHASE EMULSION POLYMER FOR FILLING THE GUSSETS IN BEAD POLYMER LAYERS IN A BINDER JETTING METHOD**
[54] **POLYMERE EN EMULSION DE PHASE MOLLE SECHE PAR PULVERISATION POUR LE CHARGEMENT DES BOBINES EN COUCHES DE POLYMERE EN PERLES DANS UN PROCEDE DE PROJECTION DE LIANT**
[72] POPPE, DIRK, DE
[72] FRUTH, ANDREA, DE
[72] BERNHARDT, STEFAN, DE
[72] WIEBER, STEPHAN, DE
[71] EVONIK ROHM GMBH, DE
[85] 2018-10-11
[86] 2017-04-04 (PCT/EP2017/057909)
[87] (WO2017/178270)
[30] EP (16164854.8) 2016-04-12

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[13] A1
[51] **Int.Cl. A01G 9/16 (2006.01) A01G 9/14 (2006.01)**
[25] EN
[54] **POLYTUNNEL STRUCTURE**
[54] **STRUCTURE DE TUNNEL PLASTIQUE**
[72] WHATTON, ROLLY, GB
[71] HAYGROVE LIMITED, GB
[85] 2018-10-11
[86] 2017-04-06 (PCT/GB2017/050966)
[87] (WO2017/178797)
[30] GB (1606567.4) 2016-04-14

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[13] A1
[51] **Int.Cl. A61K 31/198 (2006.01) A61K 31/19 (2006.01) C07C 391/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR THE TREATMENT OF HYPERKERATOSIS DISORDERS**
[54] **COMPOSITIONS POUR LE TRAITEMENT DE TROUBLES LIES A L'HYPERKERATOSE**
[72] ALSTER, YAIR, IL
[72] RAFAELI, OMER, IL
[72] AMSELEM, SHIMON, IL
[72] FRIEDMAN, DORON, IL
[72] NUDELMAN, ZAKHAR, IL
[71] AZURA OPHTHALMICS LTD., IL
[85] 2018-10-11
[86] 2017-04-18 (PCT/IB2017/000638)
[87] (WO2017/182885)
[30] US (62/324,795) 2016-04-19

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[13] A1
[51] **Int.Cl. C08G 77/00 (2006.01) C08L 83/00 (2006.01)**
[25] EN
[54] **POLYMER COMPOSITION COMPRISING CROSSLINKED SILICONES WITH EXCHANGEABLE CROSSLINKING POINTS, PREPARATION METHOD AND USES**
[54] **COMPOSITION DE POLYMERES COMPRENANT DES SILICONES RETICULES A POINTS DE RETICULATION ECHANGEABLES, PROCEDE DE PREPARATION ET UTILISATIONS**
[72] LEIBLER, LUDWIK, FR
[72] NICOLAY, RENAUD, FR
[72] SOULIE-ZIAKOVIC, CORINNE, FR
[71] ECOLE SUPERIEURE DE PHYSIQUE ET DE CHIMIE INDUSTRIELLES DE LA VILLE DE PARIS, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[85] 2018-10-11
[86] 2017-04-18 (PCT/FR2017/050912)
[87] (WO2017/178775)
[30] FR (1653350) 2016-04-15

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[51] **Int.Cl. B07C 5/342 (2006.01) B65B 25/04 (2006.01) B65B 35/58 (2006.01) B65B 57/00 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR ORIENTING AN UMBILICATED FRUIT, IN PARTICULAR FOR PACKAGING SAME**
[54] **PROCEDE ET DISPOSITIF D'ORIENTATION D'UN FRUIT OMBILIQUE NOTAMMENT EN VUE DE SON EMBALLAGE**
[72] BLANC, PHILIPPE, FR
[71] MAF AGROBOTIC, FR
[85] 2018-10-11
[86] 2017-04-24 (PCT/FR2017/050970)
[87] (WO2017/187076)
[30] FR (16 53810) 2016-04-28

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[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **INTELLIGENT LIGHTING CONTROL LIGHT SYNCHRONIZATION APPARATUSES, SYSTEMS, AND METHODS**
[54] **APPAREILS, SYSTEMES ET PROCEDES DE SYNCHRONISATION DE LUMIERE PAR COMMANDE D'ECLAIRAGE INTELLIGENTE**
[72] LARK, WILLIAM JR., US
[72] CHEUNG, ANN CLAIRE LIM CHI, US
[72] AYLWARD, RYAN, US
[72] BLISS, CANYON, US
[72] CHARLTON, ERIC, US
[71] LARK, WILLIAM JR., US
[71] CHEUNG, ANN CLAIRE LIM CHI, US
[71] AYLWARD, RYAN, US
[71] BLISS, CANYON, US
[71] CHARLTON, ERIC, US
[85] 2018-10-11
[86] 2017-04-11 (PCT/US2017/026972)
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[30] US (62/321,132) 2016-04-11

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **METHODS FOR MONITORING AND TREATING CANCER**
[54] **METHODES DE SURVEILLANCE ET DE TRAITEMENT DU CANCER**
[72] WALLIN, JEFFREY, US
[72] HEGDE, PRITI, US
[71] GENENTECH, INC., US
[85] 2018-10-10
[86] 2017-04-14 (PCT/US2017/027725)
[87] (WO2017/181079)
[30] US (62/323,280) 2016-04-15

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[13] A1
[51] **Int.Cl. B22F 1/02 (2006.01)**
[25] EN
[54] **REACTIVE METAL POWDERS IN-FLIGHT HEAT TREATMENT PROCESSES**
[54] **PROCEDES DE TRAITEMENT THERMIQUE EN VOL DE POUDRES METALLIQUES REACTIVES**
[72] LAROUCHE, FREDERIC, CA
[72] MARION, FREDERIC, CA
[72] BALMAYER, MATTHIEU, CA
[71] AP&C ADVANCED POWDERS & COATINGS INC., CA
[85] 2018-10-11
[86] 2017-04-10 (PCT/CA2017/050431)
[87] (WO2017/177315)
[30] US (62/320,874) 2016-04-11

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[13] A1
[51] **Int.Cl. B65G 1/04 (2006.01) G06Q 10/08 (2012.01) G01S 5/00 (2006.01) G05B 23/02 (2006.01) G08B 1/08 (2006.01) G08B 23/00 (2006.01) G08C 21/00 (2006.01)**
[25] EN
[54] **PACKAGE ROOM SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE SALLE DE PAQUETS**
[72] GRADY, JAMES D., US
[72] PANDELI, ORGESI, US
[72] PANDELI, KLEVIS, AL
[72] KOSTANDINI, ERVIN, AL
[72] UHLIR, KURT BROOKS, US
[72] BANKS, MARVIN, US
[72] LEVITT, JARED, US
[72] BAKER, JANET, US
[71] PACKAGE SOLUTIONS, INC., US
[85] 2018-10-11
[86] 2017-04-11 (PCT/US2017/026991)
[87] (WO2017/180613)
[30] US (62/321,061) 2016-04-11

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[13] A1
[51] **Int.Cl. A61K 31/5517 (2006.01) A61K 9/12 (2006.01) A61K 9/72 (2006.01) A61P 23/00 (2006.01) A61P 25/08 (2006.01)**
[25] EN
[54] **ORALLY INHALED AND NASAL BENZODIAZEPINES**
[54] **BENZODIAZEPINES A USAGE NASAL ET INHALEES PAR VOIE ORALE**
[72] PETERSEN, KARL-UWE, DE
[72] SAKATA, DEREK JO, US
[72] STOHR, THOMAS, BE
[72] GRAHAM, JOHN, GB
[72] COOPER, BRETT, GB
[72] BEVANS, TATJANA, US
[72] REILLY, CHRISTOPHER, US
[71] PAION UK LIMITED, GB
[85] 2018-10-10
[86] 2017-04-18 (PCT/EP2017/059214)
[87] (WO2017/178663)
[30] LU (93027) 2016-04-14

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[51] **Int.Cl. B01D 71/02 (2006.01)**
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[54] **SIEVE BED RETENTION SYSTEM**
[54] **SYSTEME DE RETENTION DE LIT DE TAMIS**
[72] BUENTING, TODD, US
[72] DICKEN, LANE, US
[72] WEBER, JUSTIN, US
[71] CARLETON LIFE SUPPORT SYSTEMS, INC., US
[85] 2018-10-10
[86] 2017-04-10 (PCT/US2017/026784)
[87] (WO2017/180508)
[30] US (62/320,976) 2016-04-11

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[51] **Int.Cl. A61B 5/04 (2006.01) A61B 5/0408 (2006.01) A61B 5/0478 (2006.01) A61B 5/0492 (2006.01)**
[25] EN
[54] **ADHESIVE EXTENDER FOR MEDICAL ELECTRODE AND USE THEREOF WITH WEARABLE MONITOR**
[54] **EXTENSEUR ADHESIF POUR ELECTRODE MEDICALE ET SON UTILISATION AVEC UN MONITEUR PORTABLE**
[72] PAQUET, PIERRE, CA
[72] LEVESQUE, DAVID, CA
[72] FECTEAU, PIERRE, CA
[71] ICENTIA INC., CA
[85] 2018-10-11
[86] 2016-04-12 (PCT/CA2016/050422)
[87] (WO2017/177299)

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[13] A1
[51] **Int.Cl. F21V 7/06 (2006.01) F21K 9/00 (2016.01) G02B 27/09 (2006.01)**
[25] EN
[54] **REFLECTOR AND LED ASSEMBLY FOR EMERGENCY LIGHTING HEAD**
[54] **ENSEMBLE REFLECTEUR ET DEL POUR TETE D'ECLAIRAGE D'URGENCE**
[72] RAPEANU, RADU CORNEL, CA
[71] THOMAS & BETTS INTERNATIONAL LLC, US
[85] 2018-10-11
[86] 2017-04-12 (PCT/US2017/027129)
[87] (WO2017/180697)
[30] US (62/321,837) 2016-04-13

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[13] A1
[51] **Int.Cl. A63G 21/18 (2006.01)**
[25] EN
[54] **A WATERSLIDE SYSTEM**
[54] **SYSTEME DE TOBOGGAN AQUATIQUE**
[72] OZTURK, ALI SINAN, TR
[71] POLIN SU PARKLARI VE HAVUZ SISTEMLERI ANONIM SIRKETI, TR
[85] 2018-10-11
[86] 2016-07-11 (PCT/TR2016/050222)
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[13] A1
[51] **Int.Cl. A61B 17/072 (2006.01) A61B 17/00 (2006.01) A61B 17/29 (2006.01)**
[25] EN
[54] **SURGICAL STAPLER HAVING A POWERED HANDLE**
[54] **AGRAFEUSE CHIRURGICALE AYANT UNE POIGNEE MOTORISEE**
[72] REED, CHRISTINA N., US
[72] BECERRA, MATTHEW M., US
[72] MCCARTHY, ANDREW J., US
[72] ZIMMERMAN, SCOTT, US
[72] SCHOBER, JOSHUA M., US
[72] DECKER, STEVEN E., US
[72] HUDSON, KEVIN, US
[72] PHAM, ANDY, US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
[85] 2018-10-11
[86] 2017-04-12 (PCT/US2017/027213)
[87] (WO2017/180746)
[30] US (62/321,629) 2016-04-12

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[13] A1
[51] **Int.Cl. A61J 7/04 (2006.01)**
[25] EN
[54] **MATERIAL DISPENSER AND NOTIFICATION SYSTEM**
[54] **DISTRIBUTEUR DE MATERIAU ET SYSTEME DE NOTIFICATION**
[72] CHACK, DENNIS MARSHALL, US
[72] REYNOLDS, BRETT WILLIAM, US
[72] JONES, MICHELE DOMIANO, US
[72] KIDDER, AMANDA MARIE, US
[72] DRANSFIELD, KIRSTEN NICOLE, US
[72] BERNHART, JILLIAN RENEE, US
[72] WECHTER, TIMOTHY WILLIAM, US
[72] GRIFFING, DAVID LYNN, US
[72] LUCAS, LAUREN RAE, US
[72] SCHULTE, JOSH RYAN, US
[71] FIRSTENERGY VENTURES CORP., US
[85] 2018-10-11
[86] 2017-04-11 (PCT/US2017/026999)
[87] (WO2017/180618)
[30] US (62/320,792) 2016-04-11
[30] US (62/321,260) 2016-04-12
[30] US (62/323,091) 2016-04-15
[30] US (62/323,640) 2016-04-16

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[13] A1
[51] **Int.Cl. H04B 7/0417 (2017.01) H04W 74/08 (2009.01) H04B 7/0452 (2017.01) H04B 7/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR BEAM SWITCHING AND REPORTING**
[54] **SYSTEME ET PROCEDE DE RAPPORT ET DE COMMUTATION DE FAISCEAU**
[72] ISLAM, MUHAMMAD NAZMUL, US
[72] SADIQ, BILAL, US
[72] LUO, TAO, US
[72] SUBRAMANIAN, SUNDAR, US
[72] LI, JUNYI, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-10-11
[86] 2017-04-17 (PCT/US2017/027992)
[87] (WO2017/204933)
[30] US (62/342,174) 2016-05-26
[30] US (62/343,798) 2016-05-31
[30] US (15/488,394) 2017-04-14

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[13] A1
[51] **Int.Cl. A61B 17/70 (2006.01) A61B 17/72 (2006.01) A61N 1/05 (2006.01) A61N 1/20 (2006.01) A61N 1/36 (2006.01) H01M 4/00 (2006.01)**
[25] EN
[54] **SPINAL INSTRUMENTATION TO ENHANCE OSTEOGENESIS AND FUSION**
[54] **INSTRUMENTS DE CHIRURGIE RACHIDIENNE POUR AMELIORER L'OSTEOGENESE ET LA FUSION VERTEBRALE**
[72] MACEWAN, MATTHEW R., US
[72] LEUTHARDT, ERIC C., US
[72] MORAN, DANIEL W., US
[71] OSTEOVANTAGE, INC, US
[85] 2018-10-11
[86] 2017-04-11 (PCT/US2017/027052)
[87] (WO2017/180653)
[30] US (62/321,092) 2016-04-11

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[13] A1
[51] **Int.Cl. A47K 5/12 (2006.01) G01F 11/00 (2006.01) G01F 13/00 (2006.01) G01F 15/02 (2006.01) G01F 25/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CALIBRATING REMAINING DOSES OF PRODUCT IN A REFILLABLE DISPENSER**
[54] **PROCEDE ET APPAREIL D'ETALONNAGE DE DOSES RESTANTES DE PRODUIT DANS UN DISTRIBUTEUR RECHARGEABLE**
[72] MOORE, MARK W., US
[71] GOJO INDUSTRIES, INC., US
[85] 2018-10-11
[86] 2017-05-16 (PCT/US2017/032783)
[87] (WO2017/200965)
[30] US (62/337,462) 2016-05-17

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[13] A1
[51] **Int.Cl. C11D 1/83 (2006.01) C11D 3/386 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **LIQUID DETERGENT COMPOSITION COMPRISING AN ENCAPSULATED ENZYME**
[54] **COMPOSITION DETERGENTE LIQUIDE COMPRENANT UNE ENZYME ENCAPSULEE**
[72] LANT, NEIL JOSEPH, GB
[72] PATTERSON, STEVEN GEORGE, GB
[72] MOMIN, NAZARMOHAMMAD GULAMHUSSAIN, GB
[72] TOYE, JORDAN COURTNEY, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-10-11
[86] 2017-05-22 (PCT/US2017/033732)
[87] (WO2017/205235)
[30] EP (16170848.2) 2016-05-23
[30] EP (17162876.1) 2017-03-24

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[13] A1
[51] **Int.Cl. G06F 9/44 (2018.01) G06F 9/455 (2018.01) G06F 12/14 (2006.01) G06F 15/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR VIRTUALIZATION IN DISTRIBUTED COMPUTING ENVIRONMENT INCLUDING A MOBILE MONITOR**
[54] **SYSTEMES ET PROCEDES DE VIRTUALISATION DANS UN ENVIRONNEMENT INFORMATIQUE DISTRIBUE COMPRENANT UN MONITEUR MOBILE**
[72] WRIGHT, CAMERON LLOYD, US
[72] ROOP, JASON RUPERT, US
[71] WALMART APOLLO, LLC, US
[85] 2018-10-11
[86] 2017-04-12 (PCT/US2017/027222)
[87] (WO2017/180753)
[30] US (62/321,463) 2016-04-12

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[13] A1
[51] **Int.Cl. C08F 2/01 (2006.01) C08F 2/38 (2006.01) C08F 4/22 (2006.01) C08F 4/60 (2006.01) C08F 4/64 (2006.01) C08F 4/6592 (2006.01) C08F 4/69 (2006.01) C08F 10/00 (2006.01) C08F 110/02 (2006.01) C08F 210/16 (2006.01)**
[25] EN
[54] **METHODS FOR INCREASING POLYMER PRODUCTION RATES WITH HALOGENATED HYDROCARBON COMPOUNDS**
[54] **PROCEDES POUR AUGMENTER LES TAUX DE PRODUCTION DES POLYMERES A L'AIDE DE COMPOSES HYDROCARBONES HALOGENES**
[72] DING, ERRUN, US
[72] BEAULIEU, WILLIAM B., US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2018-10-11
[86] 2017-05-22 (PCT/US2017/033852)
[87] (WO2017/213832)
[30] US (62/347,641) 2016-06-09
[30] US (15/497,249) 2017-04-26

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[13] A1
[51] **Int.Cl. A61K 9/113 (2006.01) A23L 33/115 (2016.01) A23C 11/02 (2006.01) A61K 31/20 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **METHODS OF MANUFACTURING NUTRITIONAL FORMULATIONS**
[54] **PROCEDES DE FABRICATION DE FORMULATIONS NUTRITIONNELLES**
[72] WANG, BO, AU
[72] ELLIOTT, GLENN, AU
[72] CHENG, MEK CHU TING, AU
[72] PATCH, CRAIG STEWART, AU
[72] MOSSEL, BRENDA LOUISE, AT
[71] CLOVER CORPORATION LIMITED, AU
[85] 2018-10-12
[86] 2017-04-13 (PCT/AU2017/050339)
[87] (WO2017/177283)
[30] AU (2016901392) 2016-04-14

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[13] A1
[51] **Int.Cl. H03K 19/00 (2006.01) H03K 19/003 (2006.01)**
[25] EN
[54] **ADAPTIVELY CONTROLLING DRIVE STRENGTH OF MULTIPLEXED POWER FROM SUPPLY POWER RAILS IN A POWER MULTIPLEXING SYSTEM TO A POWERED CIRCUIT**
[54] **COMMANDE ADAPTATIVE DE L'INTENSITE D'ATTAQUE D'UNE PUISSANCE MULTIPLEXEE PROVENANT DE RAILS D'ALIMENTATION DANS UN SYSTEME DE MULTIPLEXAGE DE PUISSANCE VERS UN CIRCUIT ELECTRIQUE**
[72] SRIDHAR, SHRADDHA, US
[72] KOLLA, YESHWANT NAGARAJ, US
[72] NATEKAR, NEEL SHASHANK, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-10-11
[86] 2017-05-15 (PCT/US2017/032632)
[87] (WO2017/205096)
[30] US (62/342,560) 2016-05-27
[30] US (62/459,187) 2017-02-15
[30] US (15/593,809) 2017-05-12

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[13] A1
[51] **Int.Cl. C07C 319/06 (2006.01) C07C 319/00 (2006.01) C07C 319/02 (2006.01) C07C 321/00 (2006.01) C07C 321/04 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING METHYL MERCAPTAN FROM DIMETHYL SULFIDE**
[54] **PROCEDE DE PRODUCTION DE METHYLE MERCAPTAN A PARTIR DE SULFURE DE DIMETHYLE**
[72] PICHAI, PUVIN, US
[72] ROLSTON, JAMES, US
[72] SCHUBERT, STEPHAN, US
[72] MLECZKO, LESLAW, US
[72] ASSMANN, JENS, US
[72] GROSS-HARDT, EDWIN, US
[72] AJMERA, PANKAJ, US
[71] NOVUS INTERNATIONAL INC., US
[85] 2018-10-11
[86] 2017-05-25 (PCT/US2017/034391)
[87] (WO2017/210070)
[30] US (62/343,385) 2016-05-31

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[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01) G06Q 30/06 (2012.01) G06Q 50/22 (2018.01)**
[25] EN
[54] **SYSTEM AND PROCESS FOR MATCHING SENIORS AND STAFFERS WITH SENIOR LIVING COMMUNITIES**
[54] **SYSTEME ET PROCEDE POUR METTRE EN CORRESPONDANCE DES PERSONNES AGEES ET DES MEMBRES DE PERSONNEL AVEC DES RESIDENCES POUR PERSONNES AGEES**
[72] DONNELLY, TIMOTHY J., US
[72] GOLDMAN, PAUL T., US
[72] CATES, DANIEL J., US
[72] PEEPLES, NICHOLAS M., US
[71] SENIORVU, LLC, US
[85] 2018-10-11
[86] 2017-04-11 (PCT/US2017/027055)
[87] (WO2017/180655)
[30] US (62/321,552) 2016-04-12

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[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01) H04L 9/08 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SECURE STORAGE OF USER INFORMATION IN A USER PROFILE**
[54] **SYSTEMES ET PROCEDES POUR LE STOCKAGE SECURISE D'INFORMATIONS D'UTILISATEUR DANS UN PROFIL D'UTILISATEUR**
[72] IASI, ANTHONY F., US
[72] SCHNEIR, GARY, US
[72] KAHLE, CHARLES, US
[72] EIGNER, LINDA, US
[72] EIGNER, WILLIAM, US
[72] TOBIAS, ERIC, US
[71] FHOOSH, INC., US
[85] 2018-10-11
[86] 2017-06-13 (PCT/US2017/037328)
[87] (WO2017/218590)
[30] US (62/349,567) 2016-06-13
[30] US (62/350,646) 2016-06-15

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[13] A1
[51] **Int.Cl. A61B 90/70 (2016.01) A61L 2/18 (2006.01) A61L 2/24 (2006.01) A61L 9/14 (2006.01) B08B 3/02 (2006.01) G01N 11/04 (2006.01) G01N 11/08 (2006.01)**
[25] EN
[54] **APPARATUS FOR DECONTAMINATING EQUIPMENT HAVING INTERNAL CHANNELS (LUMENS)**
[54] **APPAREIL POUR DECONTAMINER UN EQUIPEMENT AYANT DES CANAUX INTERNES (LUMIERES)**
[72] CHOUINARD, ALAIN, CA
[72] MARTINEAU, LOUIS, CA
[72] ROBERT, MAXIME, CA
[72] VERREAULT, NICOLAS, CA
[71] STERIS INC., US
[85] 2018-10-11
[86] 2017-07-20 (PCT/US2017/043074)
[87] (WO2018/017833)
[30] US (62/365,615) 2016-07-22
[30] US (15/652,313) 2017-07-18

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[13] A1
[51] **Int.Cl. A61B 5/20 (2006.01)**
[25] EN
[54] **URINATION PREDICTION AND MONITORING**
[54] **PREDICTION ET SURVEILLANCE DE MICTION**
[72] ZYGLOWICZ, STEVEN, US
[72] BAKER, TIM, US
[72] COBLE, JON, US
[72] FRANCO, ISRAEL, US
[71] GOGO BAND, INC., US
[85] 2018-10-11
[86] 2017-04-11 (PCT/US2017/027065)
[87] (WO2017/180661)
[30] US (62/321,690) 2016-04-12
[30] US (62/365,714) 2016-07-22

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[13] A1
[51] **Int.Cl. A61K 31/47 (2006.01) A61K 31/16 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHOD OF TREATING RENAL CELL CARCINOMA USING N-(4-(6,7-DIMETHOXYQUINOLIN-4-YLOXY) PHENYL)-N'-(4-FLUOROPHENY)CYCLOPROPANE-1,1-DICARBOXAMIDE, (2S)-HYDROXYBUTANEDIOATE**
[54] **PROCEDE DE TRAITEMENT DU CANCER A CELLULES RENALES A L'AIDE DE N-(4-(6,7-DIMETHOXYQUINOLIN-4-YLOXY) PHENYL)-N'-(4-FLUOROPHENY)CYCLOPROPANE-1,1-DICARBOXAMIDE, (2S)-HYDROXYBUTANEDIOATE**
[72] AFTAB, DANA T., US
[72] SCHWAB, GISELA, US
[72] HESSEL, COLIN, US
[72] SCHEFFOLD, CHRISTIAN, US
[72] LACY, STEVEN, US
[72] MILES, DALE, US
[72] ARROYO, ALAN, US
[72] DEAN, MARK, US
[71] EXELIXIS, INC., US
[85] 2018-10-11
[86] 2017-04-17 (PCT/US2017/027965)
[87] (WO2017/181187)
[30] US (62/323,536) 2016-04-15
[30] US (62/323,556) 2016-04-15
[30] US (62/323,548) 2016-04-15
[30] US (62/324,158) 2016-04-18
[30] US (62/324,157) 2016-04-18
[30] US (62/324,176) 2016-04-18
[30] US (62/338,240) 2016-05-18
[30] US (62/338,267) 2016-05-18
[30] US (62/338,154) 2016-05-18
[30] US (62/345,652) 2016-06-03
[30] US (62/457,671) 2017-02-10
[30] US (62/457,613) 2017-02-10
[30] US (62/457,471) 2017-02-10
[30] US (62/338,195) 2016-05-18

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[13] A1
[51] **Int.Cl. A61K 31/5377 (2006.01) A61K 9/20 (2006.01)**
[25] EN
[54] **PREVENTION OF ATHEROSCLEROTIC EVENTS WITH DIRECT FACTOR XA INHIBITORS**
[54] **PREVENTION D'EVENEMENTS ATHEROSCLEROTIQUES AU MOYEN D'INHIBITEURS DIRECTS DU FACTEUR XA**
[72] ADAMS, JONATHAN, US
[72] ADAMS, PETER JEFFREY, US
[71] ADAMS PHARMACEUTICALS LLC, US
[85] 2018-10-11
[86] 2017-04-12 (PCT/US2017/027099)
[87] (WO2017/180683)
[30] US (62/322,891) 2016-04-15
[30] US (15/482,073) 2017-04-07

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[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 50/26 (2012.01)**
[25] EN
[54] **ENERGY PRODUCT INSTANT REBATE ENGINE**
[54] **MOTEUR DE REMISE INSTANTANEE DE PRODUIT ENERGETIQUE**
[72] LURIE, YOAV, US
[72] SEGALL, JUSTIN, US
[72] JAROENVANIT, MICHEL, US
[72] VAJDA, JOHN, US
[72] MCCOLGAN, SEAN, US
[72] STEWART, JAROD EARL, US
[72] GIRLEANU, NICOLAE RADU, US
[72] SUKHANOV, ILYA A., US
[72] KONRATH, MICHAEL, US
[71] SIMPLE ENERGY, INC., US
[71] LURIE, YOAV, US
[71] SEGALL, JUSTIN, US
[71] JAROENVANIT, MICHEL, US
[71] VAJDA, JOHN, US
[71] MCCOLGAN, SEAN, US
[71] STEWART, JAROD EARL, US
[71] GIRLEANU, NICOLAE RADU, US
[71] SUKHANOV, ILYA A., US
[71] KONRATH, MICHAEL, US
[85] 2018-10-11
[86] 2017-10-23 (PCT/US2017/057901)
[87] (WO2018/081011)
[30] US (62/412,743) 2016-10-25
[30] US (62/532,269) 2017-07-13

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[13] A1
[51] **Int.Cl. C23F 13/10 (2006.01) F16F 1/04 (2006.01)**
[25] EN
[54] **EXTENSION SPRING WITH SACRIFICIAL ANODE**
[54] **RESSORT D'EXTENSION A ANODE SACRIFICIELLE**
[72] SONNTAG, EDWARD ROBERT, CA
[71] S3 ENTERPRISES INC., CA
[85] 2018-10-12
[86] 2016-04-25 (PCT/CA2016/000126)
[87] (WO2017/185157)

[21] **3,020,754**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 48/00 (2006.01)**
[25] EN
[54] **REAGENTS FOR TREATMENT OF OCULOPHARYNGEAL MUSCULAR DYSTROPHY (OPMD) AND USE THEREOF**
[54] **REACTIFS POUR LE TRAITEMENT DE LA DYSTROPHIE MUSCULAIRE OCULOPHARYNGEE (OPMD) ET LEUR UTILISATION**
[72] SUHY, DAVID, US
[72] GRAHAM, MICHAEL, US
[72] TROLLET, CAPUCINE, FR
[72] MALERBA, ALBERTO, GB
[72] DICKSON, GEORGE J., GB
[71] BENITEC BIOPHARMA LIMITED, AU
[85] 2018-10-12
[86] 2017-04-13 (PCT/AU2017/050330)
[87] (WO2017/177277)
[30] US (62/322,745) 2016-04-14

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[13] A1
[51] **Int.Cl. E21B 17/10 (2006.01)**
[25] EN
[54] **CENTRALIZER**
[54] **CENTREUR**
[72] MAKELKI, THOMAS, CA
[71] PLAINSMAN MFG. INC., CA
[85] 2018-10-12
[86] 2017-04-12 (PCT/CA2017/050454)
[87] (WO2017/177330)
[30] US (62/321,635) 2016-04-12

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[13] A1
[51] **Int.Cl. A61B 5/107 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **MEMBRANE-BASED FOOT IMAGING APPARATUS INCLUDING A CAMERA FOR MONITORING FOOT POSITIONING**
[54] **APPAREIL D'IMAGERIE DE PIED A BASE DE MEMBRANE COMPRENANT UNE CAMERA POUR SURVEILLER LE POSITIONNEMENT DU PIED**
[72] WATTS, GREGORY NICHOLAS, CA
[72] LACHHAB, MOHAMED, CA
[72] MOUGIN, PATRICK, CA
[72] LEGARE, PHILIPPE, CA
[72] GREMILLET, FREDERIC, CA
[71] CRYOS TECHNOLOGIES INC., CA
[85] 2018-10-12
[86] 2016-11-22 (PCT/CA2016/051366)
[87] (WO2017/177304)
[30] US (62/321,818) 2016-04-13

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[13] A1
[51] **Int.Cl. A01C 17/00 (2006.01) B05C 19/04 (2006.01)**
[25] EN
[54] **PARTICULATE MATERIAL SPREADER**
[54] **EPANDEUSE DE MATIERE PARTICULAIRE**
[72] BIELLO, RITA, CA
[72] BOUCHARD, JEROME FREDERIC, CA
[72] CAYER, ROBERT, CA
[72] GAGNON, MARIO, CA
[72] GAUCHER, FRANCOIS, CA
[72] GUAY, MICHEL E., CA
[72] LANGELIER-SAVARD, KARINE, CA
[72] LEFEBVRE, PAUL, CA
[72] LEVEILLE, MANUEL, CA
[72] ORBAN, BENOIT, CA
[72] TALBOT, PIERRE, CA
[71] PREMIER TECH TECHNOLOGIES LTEE, CA
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[54] **SYSTEME DE SATELLITE A LEO DOUBLE ET PROCEDE DE COUVERTURE MONDIALE**
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[71] TELESAT CANADA, CA
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[54] **PERFORMANCE PARAMETERIZATION OF PROCESS EQUIPMENT AND SYSTEMS**
[54] **ETABLISSEMENT DE PARAMETRES DE FONCTIONNEMENT D'EQUIPEMENT ET DE SYSTEMES DE TRAITEMENT**
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[72] THOMSEN, PETER, CA
[71] S.A. ARMSTRONG LIMITED, CA
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[54] **SUNSCREEN FORMULATIONS COMPRISING AN OLEOSOME SUSPENSION AND AN ACIDIC BUFFERING SYSTEM**
[54] **COMPOSITIONS DE PROTECTION SOLAIRE COMPRENANT UNE SUSPENSION D'OLEOSOMES ET UN SYSTEME TAMPON ACIDE**
[72] YANG, SOO IN, CA
[72] LIU, SHUANGHUI, CA
[72] BROOKS, GEOFFREY, US
[72] LANCTOT, YVES, CA
[71] BOTANECO INC., CA
[85] 2018-10-12
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[54] **VISCOUS SEMI-LIQUID FOOD DISPENSER AND METHOD AND SYSTEM FOR CONTROLLING FOOD CHARACTERISTICS**
[54] **DISTRIBUTEUR DE PRODUIT ALIMENTAIRE SEMI-LIQUIDE VISQUEUX ET PROCEDE ET SYSTEME DE REGULATION DES CARACTERISTIQUES D'UN PRODUIT ALIMENTAIRE**
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[72] CHEN, RONG, CN
[71] NESTEC S.A., CH
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[54] **COMPOSITION AND METHOD TO FORM DISPLACEMENTS FOR USE IN METAL CASTING**
[54] **COMPOSITION ET PROCEDE SERVANT A FORMER DES DEPLACEMENTS DESTINES A ETRE UTILISES DANS LA FONDERIE DE METAUX**
[72] ROHRBACKER, DAVID A., US
[72] CHATWOOD, JON, US
[72] PALMER, WILLIAM, US
[71] DESTECH CORPORATION, US
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[54] **ENTRAINEMENT EN ROTATION**
[72] MURPHY, BRADEN, CA
[71] MONASHEE PUMPS INC., CA
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[54] **COMPOSITIONS ANTI-INFECTIEUSES COMPRENANT DES NANOPARTICULES DE PHYTOGLYCOGENE**
[72] SCHOOLING, SARAH RUTH, CA
[72] BERTOLO, LISA SUZANNE, CA
[72] KORENEVSKI, ANTON, CA
[72] PAPP-SZABO, ERZSEBET, CA
[72] KLINGER, KARL MICHAEL, CA
[71] MIREXUS BIOTECHNOLOGIES INC., CA
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[54] **USES OF PORIA COCOS EXTRACT AND TUMULOSIC ACID IN PROTECTING MUSCLES**
[54] **UTILISATIONS D'UN EXTRAIT DE PORIA COCOS ET D'ACIDE TUMULOSIQUE DANS LA PROTECTION DES MUSCLES**
[72] WANG, CHAO-JIH, CN
[72] KUO, HAN-PENG, CN
[72] YEH, AI-LING, CN
[71] SINPHAR TIAN-LI PHARMACEUTICAL CO., LTD. (HANGZHOU), CN
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[54] **HETEROCYCLIC COMPOUNDS AS RET KINASE INHIBITORS**
[54] **COMPOSES HETEROCYCLIQUES UTILISES EN TANT QU'INHIBITEURS DE KINASE RET**
[72] JORDAN, ALLAN, GB
[72] NEWTON, REBECCA, GB
[72] PAOLETTA, SILVIA, GB
[72] WASZOWYCZ, BOHDAN, GB
[72] SUTTON, JONATHAN MARK, GB
[72] HYND, GEORGE, GB
[72] FORDYCE, EUAN ALEXANDER FRASER, GB
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
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[54] **PYRIDONE DERIVATIVE COMPRISING HETEROATOMIC RING BUTANE SUBSTITUENT, FOR TREATING FIBROSIS AND INFLAMMATORY DISEASES**
[54] **DERIVE DE PYRIDONE COMPRENANT UN SUBSTITUANT BUTANE DE CYCLE HETEROATOMIQUE POUR TRAITER LA FIBROSE ET DES MALADIES INFLAMMATOIRES**
[72] SHIH, NENG-YANG, CN
[72] CHEN, BIN, CN
[72] ZHANG, LEI, CN
[72] LI, JIAN, CN
[72] CHEN, SHUHUI, CN
[71] SHIJIAZHUANG SAGACITY NEW DRUG DEVELOPENT CO., LTD., CN
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[54] **COUNTER-DIE CYLINDER BLANKET OF DIE CUTTING MACHINE AND BLANKET MANUFACTURING PROCESS**
[54] **COUVERTURE DE CYLINDRE CONTRE-ESTAMPE DE MACHINE D'ESTAMPAGE ET PROCEDE DE FABRICATION DE COUVERTURE**
[72] BORGES FERNANDEZ, DAVID, ES
[72] CABALEIRO CABALEIRO, JOAQUIN, ES
[72] ALVAREZ ALVAREZ, MARCELINO, ES
[71] RODICUT INDUSTRY, S.A.U., ES
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[54] **DATA PROCESSING**
[54] **TRAITEMENT DE DONNEES**
[72] ROWLANDS, JOHN ARTHUR SELWYN, GB
[71] BAE SYSTEMS PLC, GB
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[25] EN
[54] **INSTALLATION FOR RECYCLING COMPOSITE MATERIALS WITH CARBON FIBRE AND/OR GLASS FIBRE REINFORCEMENT, AND METHOD FOR RECYCLING IN SAID INSTALLATION**
[54] **INSTALLATION DE RECYCLAGE DE MATERIAUX COMPOSITES RENFORCES DE FIBRE DE CARBONE ET/OU DE FIBRE DE VERRE ET PROCEDE DE RECYCL DANS LADITE INSTALLATION**
[72] ALVAREZ QUINTANA, ALEJANDRO, ES
[71] RECICLALIA, S.L., ES
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[54] **INTEGRATION DE SYSTEME**
[72] ROWLANDS, JOHN ARTHUR SELWYN, GB
[71] BAE SYSTEMS PLC, GB
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[54] **APPARATUS COMPRISING A MICROWAVE PROCESSING CHAMBER**
[54] **APPAREIL COMPRENANT UNE CHAMBRE DE TRAITEMENT PAR MICRO-ONDES**
[72] BURNETT, GEORGE, GB
[72] BRADLEY, MIKE, GB
[72] ROBINSON, JOHN, GB
[71] NOV DOWNHOLE EURASIA LIMITED, GB
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[54] **METHOD AND APPARATUS FOR GENERATING QUANTITATIVE DATA FOR BILIARY TREE STRUCTURES**
[54] **PROCEDE ET APPAREIL DE GENERATION DE DONNEES QUANTITATIVES POUR STRUCTURES D'ARBRE BILIAIRE**
[72] VIKAL, SIDDHARTH, GB
[72] BRADY, JOHN MICHAEL, GB
[71] PERSPECTUM DIAGNOSTICS LTD, GB
[85] 2018-10-12
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[51] **Int.Cl. C11D 11/00 (2006.01) D06F 33/00 (2006.01) D06F 35/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TREATING A SUBSTRATE WITH SOLID PARTICLES**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT D'UN SUBSTRAT AVEC DES PARTICULES SOLIDES**
[72] POTTS, JESSICA ANNE, GB
[72] KENNEDY, FRAZER JOHN, GB
[71] XEROS LIMITED, GB
[85] 2018-10-12
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[54] **ENSEMBLE TIGE DE RECHARGE POUR AGRAFEUSE CHIRURGICALE**
[72] JASEMIAN, BABAK D., US
[72] DECKER, STEVEN E., US
[72] PATEL, ATAL C., US
[72] NELSON, ERIK, US
[72] MCCARTHY, ANDREW J., US
[72] ZIMMERMAN, SCOTT, US
[72] HOPKINS, TIMOTHY M., US
[72] SCHOBER, JOSHUA M., US
[72] WEISS, ERIC J., US
[72] BECERRA, MATTHEW M., US
[72] REED, CHRISTINA N., US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
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[54] **CONJUGATES COMPRISING RIPK2 INHIBITORS**
[54] **CONJUGUES COMPRENANT DES INHIBITEURS DE RIPK2**
[72] CASILLAS, LINDA N., US
[72] HARLING, JOHN DAVID, GB
[72] MIAH, AFJAL HUSSAIN, GB
[72] SMITH, IAN EDWARD DAVID, GB
[72] RACKHAM, MARK DAVID, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
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[54] **DERIVES DE PYRAZOLOPYRIMIDINE**
[72] KOHLER, ADELINE, DE
[72] WELZ, CLAUDIA, DE
[72] BORNGEN, KIRSTEN, DE
[72] KULKE, DANIEL, DE
[72] ILG, THOMAS, DE
[72] KOBBERLING, JOHANNES, DE
[72] HUBSCH, WALTER, DE
[72] SCHWARZ, HANS-GEORG, DE
[72] GORGENS, ULRICH, DE
[72] EBBINGHAUS-KINTSCHER, ULRICH, DE
[72] HINK, MAIKE, DE
[72] NENNSTIEL, DIRK, DE
[72] RAMING, KLAUS, DE
[72] ADAMCZEWSKI, MARTIN, DE
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[71] BAYER ANIMAL HEALTH GMBH, DE
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[54] **PALIER A AIR AMORTI PAR UN FLUIDE AYANT DES COMPOSANTS FORMES EN UNE SEULE PIECE**
[72] ERTAS, BUGRA HAN, US
[72] BELLARDI, JASON JOSEPH, US
[72] MOOK, JOSHUA TYLER, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-10-11
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[51] **Int.Cl. H02K 1/16 (2006.01) H02K 3/28 (2006.01)**
[25] EN
[54] **COIL AND WINDING STRUCTURE, AND STATOR FOR A GENERATOR OF A WIND TURBINE, AND METHOD FOR PRODUCING A STATOR**
[54] **BOBINE, STRUCTURE DE BOBINAGES ET STATOR D'UN GENERATEUR D'UNE EOLIENNE AINSI QUE PROCEDE DE FABRICATION D'UN STATOR**
[72] ROER, JOCHEN, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[54] **PROCESS FOR PREPARING LOW AIR ENTRANING, LOW VISCOSITY LIGNOSULFONATES**
[54] **PROCEDE DE PREPARATION DE LIGNOSULFATES A FAIBLE VISCOSITE ET FAIBLE ENTRAINEMENT D'AIR**
[72] ANDRESEN, MARTIN, NO
[72] FREDHEIM, GURO ELISE, NO
[72] GARGULAK, JERRY, US
[72] PETTERSEN, HANS PETTER, NO
[72] SJODE, ANDERS, NO
[72] SPERNES, VIBEKE BOGETVEDT, NO
[72] JENSEN, BJORN ARILD, NO
[72] OLDROYD, DAVID L., CA
[71] BORREGAARD AS, NO
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[54] **REQUIREMENTS DETERMINATION**
[54] **DETERMINATION D'EXIGENCES**
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[72] AFFOURTIT, MATHIJS, US
[71] SHL GROUP LIMITED, GB
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[25] EN
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[54] **GOMME A MACHER CONTENANT DU STEVIA**
[72] MIKKELSEN, RIKKE, IT
[72] VIOLI, MARCO, IT
[72] SULEYMANOGLU, EVSEN, IT
[71] PERFETTI VAN MELLE S.P.A., IT
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[54] **METHOD AND APPARATUS FOR LOADING A LYOPHILIZATION SYSTEM**
[54] **PROCEDE ET APPAREIL POUR CHARGER UN SYSTEME DE LYOPHILISATION**
[72] NAING, JUVENAL, CA
[72] PROCYSHYN, CHRISTOPHER, CA
[72] SENGER, JOHN, CA
[71] VANRX PHARMASYSTEMS INC., CA
[85] 2018-10-12
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[51] **Int.Cl. A01H 5/00 (2018.01) A01H 1/04 (2006.01) A01H 5/08 (2018.01)**
[25] EN
[54] **INTROGRESSION OF TWO YIELD QTLS IN CUCUMIS SATIVUS PLANTS**
[54] **INTROGRESSION DE DEUX QTL DE RENDEMENT DANS DES PLANTES DE L'ESPECE CUCUMIS SATIVUS**
[72] KRAAN, PETER ARNOLD GIJSBERT, NL
[72] BEENDERS, FRANK, NL
[72] VAN DE WAL, MARION, NL
[72] HERMANS, FREDDY, NL
[72] KOELEWIJN, HANS-PETER, NL
[72] REULING, GERHARD T.M., NL
[72] CASA, ALEXANDRA M., US
[72] TANKSLEY, STEVEN D., US
[72] CANGAL, GULAY, NL
[71] NUNHEMS B.V., NL
[85] 2018-10-12
[86] 2017-04-12 (PCT/EP2017/058759)
[87] (WO2017/178520)
[30] EP (EP16165594.9) 2016-04-15

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[54] **STYRENE-FREE COPOLYMERS AND COATING COMPOSITIONS CONTAINING SUCH COPOLYMERS**
[54] **COPOLYMERES SANS STYRENE ET COMPOSITIONS DE REVETEMENT CONTENANT DE TELS COPOLYMERES**
[72] O'BRIEN, ROBERT M., US
[72] STUETELBERG, MARK, US
[71] SWIMC LLC, US
[85] 2018-10-11
[86] 2017-04-13 (PCT/US2017/027453)
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[30] US (62/323,314) 2016-04-15

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[54] **PROCEDE D'AFFICHAGE D'ENVIRONNEMENT DE CORPS MOBILE ET APPAREIL D'AFFICHAGE D'ENVIRONNEMENT DE CORPS MOBILE**
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[72] YANAGI, TAKURA, JP
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[54] **SEQUENCAGE DE CAPTURE HYBRIDE POUR DETERMINER LA CLONALITE DE CELLULES IMMUNITAIRES**
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[72] MULDER, DAVID THOMAS, CA
[72] MAHE, ETIENNE RAYMOND G. A., CA
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[54] **METHODES D'ADMINISTRATION ET METHODES DE TRAITEMENT DE MALADIES CARDIOVASCULAIRES AVEC LA RESINIFERATOXINE**
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[54] **PROCEDE ET SYSTEME POUR LA PRODUCTION D'UNE COMPOSITION DE SOLUTION DE FILAGE**
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[72] KOHNKE, TOBIAS, SE
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[72] KIM, KWANG-HYUN, KR
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[54] **PREVENTION DE BIOFILM D'ACIDE PERFORMIQUE POUR EPURATEURS DE CO2 INDUSTRIELS**
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[72] NAGEL, CHRIS, US
[72] LI, JUNZHONG, US
[72] HANSON, CATHERINE, US
[72] FERNHOLZ, PETER, US
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[54] **PROCEDE ET SYSTEME DE SECURITE DE DIFFIE-HELMAN STATIQUE A RESISTANCE DE CHEON**
[72] BROWN, DANIEL RICHARD L., CA
[71] CERTICOM CORP., CA
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[72] BENNET, TERESA ANN, ES
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[72] GOMEZ GONZALEZ, CRISTINA, ES
[72] GORROCHATEGUI GUILLEN, JULIAN, ES
[72] MARTINEZ LOPEZ, JOAQUIN, ES
[72] ROBLES MATEOS, ALICIA, ES
[72] PRIMO RAMOS, DANIEL, ES
[71] VIVIA BIOTECH, S.L, ES
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[54] **COMPOSE AMPHIPHILE PRESENTANT UN NOUVEAU GROUPE HYDROPHILE PENTASACCHARIDE ET SON UTILISATION**
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[72] EHSAN, MUHAMMAD, KR
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[54] **PROCEDES D'AMELIORATION DE LA PRODUCTION AGRICOLE DE VOLAILLE PAR L'ADMINISTRATION DE CONSORTIUMS MICROBIENS OU DE SOUCHES PURIFIEES DE CEUX-CI**
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[72] PICKING, LUKE, US
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[72] WOLLERT, TAYLOR BROOKE, US
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[54] **ANTICORPS ANTI-PACAP ET LEURS UTILISATIONS**
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[72] LATHAM, JOHN A., US
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[72] LEFEVER, JOANNE, US
[72] LU, LIDA, US
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[54] **PROCEDES ET DISPOSITIFS DE MESURE DES NIVEAUX D'ANALYTES DANS DES LIQUIDES ORGANIQUES**
[72] CLARKE, SUSAN ELIZABETH, GB
[72] QUEST, REBECCA LOUISE, GB
[72] QUEST, JAMES, GB
[72] MAGUIRE, PATRICK MARTIN, IE
[72] WHITEHEAD, KATHRYN LAURA, GB
[71] MORGAN INNOVATION & TECHNOLOGY LTD, GB
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[72] SIGIRCI, I. ONUR, TR
[71] ADER BILGISAYAR HIZMETLERI VE TICARET A.S., TR
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[72] DYHRFJELD-JOHNSEN, JONAS, FR
[71] SENSORION, FR
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[54] **COMPOSITIONS DE LIGNINE ET PROCEDES D'UTILISATION DANS LA FERMENTATION ET L'ALIMENTATION ANIMALE**
[72] NARENDRANATH, NEELAKANTAM, US
[72] DEANDREA, MARK, US
[72] MITCHELL, WILTON DALE, US
[71] DOMTAR PAPER COMPANY, LLC, US
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[54] **SYSTEMES ET PROCEDES PERMETTANT D'EVALUER DES OPPORTUNITES D'ACHAT**
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[72] MCHALE, BRIAN G., GB
[72] MATTINGLY, TODD D., US
[71] WALMART APOLLO, LLC, US
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[72] LEEDS, WILLIAM, US
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[72] PAUL, HARALD, DE
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[72] STOMBERG, CARMEN, DE
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[54] **METHODS OF USING PD-L1 EXPRESSION IN TREATMENT DECISIONS FOR CANCER THERAPY**
[54] **PROCEDES D'UTILISATION DE L'EXPRESSION DE PD-L1 DANS DES DECISIONS DE TRAITEMENT POUR LA THERAPIE ANTICANCEREUSE**
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[72] TANG, CHA-MEI, US
[71] CREATV MICROTECH, INC., US
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[54] **SYSTEMS FOR AND METHODS OF CONTROLLED LIQUID FOOD OR BEVERAGE PRODUCT CREATION**
[54] **SYSTEMES ET PROCEDES DE CREATION REGULEE DE PRODUIT DE TYPE BOISSON OU ALIMENTAIRE LIQUIDE**
[72] ROBERTS, MATTHEW P., US
[72] KALENIAN, PAUL, US
[72] HOON, DOUGLAS M., US
[72] WINKLER, KARL, US
[71] MELTZ, LLC, US
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[54] **ANTIGENES ET ANTICORPS DE LA MALADIE DE CHAGAS ET COMPOSITIONS, METHODES ET UTILISATIONS ASSOCIEES**
[72] PLEGUEZUELOS MATEO, OLGA, GB
[72] CAPARROS-WANDERLEY, WILSON ROMERO, GB
[72] STOLOFF, GREGORY ALAN, GB
[71] PEPTCELL LIMITED, GB
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[54] **CELLULE A CIRCULATION OPTIQUE ET APPAREIL DE TETE D'ESSAI**
[72] BOSY, BRIAN J., US
[72] KERIMO, JOSEF, US
[71] INSTRUMENTATION LABORATORY COMPANY, US
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[54] **TRACTEUR DE MONTE-CHARGE, GOULOTTE DE SAUVETAGE ET BAC-CITERNE**
[72] ENGENE, KNUT, NO
[72] STUEDAL, ODD INGE, NO
[71] KVARNER AS, NO
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[54] **USE OF GRAM NEGATIVE SPECIES TO TREAT ATOPIC DERMATITIS**
[54] **UTILISATION D'ESPECES A GRAM NEGATIF POUR TRAITER LA DERMATITE ATOPIQUE**
[72] MYLES, IAN ANTHENI, US
[72] DATTA, SANDIP K., US
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[54] **NOVEL B7-H3 BINDING MOLECULES, ANTIBODY DRUG CONJUGATES THEREOF AND METHODS OF USE THEREOF**
[54] **NOUVELLES MOLECULES DE LIAISON A B7-H3, LEURS CONJUGUES ANTICORPS-MEDICAMENTS ET LEURS PROCEDES D'UTILISATION**
[72] LOO, DERYK T., US
[72] HUANG, LING, US
[72] JOHNSON, LESLIE S., US
[72] SON, THOMAS, US
[72] SCRIBNER, JUNIPER, US
[72] BONVINI, EZIO, US
[71] MACROGENICS, INC., US
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[54] **RACCORD DE TYPE ARTICULATION A ROTULE**
[72] SINGER, SCOTT ANDREW, US
[72] RIEDEL, KEN, US
[72] ANGULO, JUAN P., US
[71] MEDTRONIC XOMED, INC., US
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[54] **SYSTEMS AND METHODS FOR TENSIONING A CONVEYOR IN A MINING SYSTEM**
[54] **SYSTEMES ET PROCEDES POUR TENDRE UN TRANSPORTEUR DANS UN SYSTEME D'EXPLOITATION MINIERE**
[72] WATSON, CHARLES W., US
[72] HARNEY, WILLIAM L., US
[71] JOY GLOBAL UNDERGROUND MINING LLC, US
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[54] **HEAD AND SYSTEM FOR CONTINUOUSLY MANUFACTURING COMPOSITE HOLLOW STRUCTURE**
[54] **TETE ET SYSTEME PERMETTANT DE FABRIQUER EN CONTINU UNE STRUCTURE CREUSE COMPOSITE**
[72] TYLER, KENNETH LYLE, US
[71] CC3D LLC, US
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[54] **ARTICLE DE LUNETTERIE AVEC FILTRE D'INTERFERENCE**
[72] BANAEI, ESMAEIL HOOMAN, US
[72] NELSON, CRAIG ROYDEN, US
[71] EVERIX, INC., US
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[54] **INHIBITEURS DU RECEPTEUR ALK (« ACTIVIN RECEPTOR-LIKE KINASE »)**
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[72] BRUBAKER, JASON D., US
[72] HODOUS, BRIAN L., US
[72] KIM, JOSEPH L., US
[72] WAETZIG, JOSH, US
[72] WILLIAMS, BRETT, US
[72] WILSON, DOUGLAS, US
[72] WILSON, KEVIN J., US
[72] FLEMING, PAUL E., US
[72] CRONIN, MARK (DECEASED), ZZ
[71] BLUEPRINT MEDICINES CORPORATION, US
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[54] **PROCEDE DE CONDITIONNEMENT ET DE CONSERVATION SUR LE TERRAIN DE POLLEN**
[72] COPE, JASON, US
[72] KRONE, TODD, US
[72] SINGLETARY, GEORGE, US
[72] ETTER, SARA KATHERINE, US
[71] ACCELERATED AG TECHNOLOGIES, LLC, US
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[54] **INTRATUMORAL ADMINISTRATION OF PARTICLES CONTAINING A TOLL-LIKE RECEPTOR 9 AGONIST AND A TUMOR ANTIGEN FOR TREATING CANCER**
[54] **ADMINISTRATION INTRATUMORALE DE PARTICULES CONTENANT UN AGONISTE DU RECEPTEUR TOLL 9 ET UN ANTIGENE TUMORAL POUR LE TRAITEMENT DU CANCER**
[72] GUIDUCCI, CRISTIANA, US
[72] NAIK, EDWINA, US
[72] MILLEY, ROBERT J., US
[72] CHIPMAN, STEWART D., US
[71] DYNAVAX TECHNOLOGIES CORPORATION, US
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[54] **TWO-DIMENSIONAL MEMBRANE STRUCTURES HAVING FLOW PASSAGES**
[54] **STRUCTURES DE MEMBRANE EN DEUX DIMENSIONS AYANT DES PASSAGES D'ECOULEMENT**
[72] SWETT, JACOB LOUIS, US
[71] LOCKHEED MARTIN CORPORATION, US
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[54] **COMBINATION THERAPY WITH NOTCH AND CDK4/6 INHIBITORS FOR THE TREATMENT OF CANCER**
[54] **TRAITEMENT D'ASSOCIATION A BASE D'INHIBITEURS DE NOTCH ET DE CDK4/6 POUR LE TRAITEMENT DU CANCER**
[72] BECKMANN, RICHARD PAUL, US
[72] PATEL, BHARVIN KUMAR, US
[71] ELI LILLY AND COMPANY, US
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[54] **APPAREILS POUR L'IMPLANTATION DE DISPOSITIFS MEDICAUX ET LEURS PROCEDES D'UTILISATION**
[72] QUIROS, JUAN JOSE CHACON, CR
[72] MAZZOCCHI, RUDY A., US
[72] DE MEZERVILLE, ROBERTO, CR
[72] HANCOCK, JOHN, US
[72] ARAUJO, NATHALIA, CR
[72] SOLAR, MATTHEW, US
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[54] **DETECTION D'ACCUMULATION EXCENTRIQUE DANS DES TAMBOURS DE BETON**
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[72] GLINA, YAN, US
[72] JORDAN, RICHARD K., US
[72] GOLDSTEIN, GREG A., US
[72] LIVINGSTON, HOWARD, US
[72] TREGGER, NATHAN A., US
[71] VERIFI LLC, US
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[54] **MAGNETIC RECEPTIVE SENSOR AND OPTIMIZED DRAWING AND ERASING FOR VERTICALLY DRIVING ROBOT**
[54] **CAPTEUR RECEPTIF MAGNETIQUE ET DESSIN ET EFFACEMENT OPTIMISES POUR ROBOT A ENTRAINEMENT VERTICAL**
[72] DUBROVSKY, ZIVTHAN, US
[72] CHERNEY, RAPHAEL, US
[72] SALLUM, HANI, US
[72] DA SILVA GILLIG, JULIAN, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **SOUPAPE D'INJECTION ACTIONNEE PAR UN CYCLE DE PRESSION**
[72] MAILAND, JASON C., US
[72] HILL, THOMAS G., JR., US
[71] TEJAS RESEARCH & ENGINEERING, LLC, US
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[54] **SERRURE COMPLETE SANS FIL AVEC DETECTION D'ANGLE D'ARRIVEE (AOA) INTEGREE**
[72] BROWN, TROY M., US
[71] SPECTRUM BRANDS, INC., US
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[54] **PROTEINES DE DEFENSINE MULTIMERES ET PROCEDES ASSOCIES**
[72] SHAH, DILIP M., US
[72] VELIVELLI, SIVA LINGA SASANKA, US
[72] ISLAM, KAZI TARIQUL, US
[71] DONALD DANFORTH PLANT SCIENCE CENTER, US
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[54] **THREE-CHAMBER ELECTROCHEMICAL BALANCING CELLS FOR SIMULTANEOUS MODIFICATION OF STATE OF CHARGE AND ACIDITY WITHIN A FLOW BATTERY**
[54] **CELLULES D'EQUILIBRAGE ELECTROCHIMIQUE A TROIS CHAMBRES POUR MODIFICATION SIMULTANEE DE L'ETAT DE CHARGE ET DE L'ACIDITE A L'INTERIEUR D'UNE BATTERIE A CIRCULATION**
[72] PIJPERS, JOSEPH JOHANNES HENRICUS, US
[71] LOCKHEED MARTIN ADVANCED ENERGY STORAGE, LLC, US
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[54] **COUTEAU INDUSTRIEL DE DECOUPEUSE A BOIS ET PROCEDE DE FABRICATION D'UN COUTEAU INDUSTRIEL DE DECOUPEUSE A BOIS**
[72] CARPENTER, TRENTON LEE, US
[71] CARPENTER, TRENTON LEE, US
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[71] CARLISLE FLUID TECHNOLOGIES, INC., US
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[54] **GABARIT DE PRELEVEMENT ET DE TRANSFERT DE SUBSTANCE OSSEUSE PERONEENNE**
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[72] GABELE, LORENZ, DE
[71] KARL LEIBINGER MEDIZINTECHNIK GMBH & CO. KG, DE
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[54] **SYSTEMES ET PROCEDES DE SEGMENTATION DE CUVE DE REACTEUR NUCLEAIRE**
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[72] SIMONEAU, RICHARD, US
[71] LAGUARDIA & ASSOCIATES, LLC, US
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[54] **BORESIGHTING DEVICE AND METHOD**
[72] CLERMONT, BERNARD, BE
[72] BALTHASART, PIERRE, BE
[72] LOISELLE, IGOR, BE
[72] LILET, TRISTAN, BE
[72] LAURENT, PHILIPPE, BE
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[54] **COMPOSITIONS COMPRISING COFORMULATION OF ANTI-PD-L1 AND ANTI-CTLA-4 ANTIBODIES**
[54] **COMPOSITIONS COMPRENANT UNE CO-FORMULATION D'ANTICORPS ANTI-PD-L1 ET ANTI-CTLA-4**
[72] DU, JIALI, US
[72] SHAH, AMBARISH, US
[71] MEDIMMUNE, LLC, US
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[51] **Int.Cl. C07K 16/24 (2006.01)**
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[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT OF CELIAC DISEASE, NON-CELIAC GLUTEN SENSITIVITY, AND REFRACTORY CELIAC DISEASE**
[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DE LA MALADIE C□LIAQUE, SENSIBILITE AU GLUTEN NON C□LIAQUE ET MALADIE C□LIAQUE REFRACTAIRE**
[72] LEON, FRANCISCO, US
[72] TSUJI, WAYNE H., US
[71] AMGEN INC., US
[71] CELIMMUNE LLC, US
[85] 2018-10-12
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[51] **Int.Cl. B32B 5/02 (2006.01) B32B 5/22 (2006.01) B32B 5/26 (2006.01) D04H 1/46 (2012.01) D04H 13/00 (2006.01) D06C 27/00 (2006.01)**
[25] EN
[54] **NONWOVEN COMPOSITE INCLUDING NATURAL FIBER WEB LAYER AND METHOD OF FORMING THE SAME**
[54] **COMPOSITE NON TISSE CONTENANT UNE COUCHE DE BANDE DE FIBRES NATURELLES ET PROCEDE DE FORMATION DE CELUI-CI**
[72] RAMARATNAM, KARTHIK, US
[72] PARSONS, JOHN C., US
[72] ZAJACZKOWSKI, PETER, US
[71] NUTEK DISPOSABLES, INC., US
[85] 2018-07-13
[86] 2017-01-17 (PCT/US2017/013766)
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[30] US (62/279,187) 2016-01-15

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[51] **Int.Cl. A61B 5/055 (2006.01) A61B 5/00 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **RAPID QUANTITATIVE EVALUATIONS OF HEART FUNCTION WITH STRAIN MEASUREMENTS FROM MRI**
[54] **EVALUATIONS QUANTITATIVES RAPIDES DE LA FONCTION CARDIAQUE AVEC DES MESURES DE CONTRAINTE PROVENANT D'IRM**
[72] OSMAN, NAEL F., US
[71] MYOCARDIAL SOLUTIONS, INC., US
[85] 2018-10-11
[86] 2017-04-26 (PCT/US2017/029602)
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[30] US (62/328,374) 2016-04-27
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[51] **Int.Cl. A61M 5/315 (2006.01) A61M 5/178 (2006.01)**
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[54] **BOTULINUM TOXIN PREFILLED SYRINGE SYSTEM**
[54] **SYSTEME DE SERINGUE PRE-REMPLIE DE TOXINE BOTULINIQUE**
[72] VOGT, MARKUS, DE
[71] MERZ PHARMA GMBH & CO. KGAA, DE
[85] 2018-10-12
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[30] EP (16001404.9) 2016-06-22

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[51] **Int.Cl. H05B 33/08 (2006.01) G05B 19/42 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **LED LIGHTING SYSTEM AND DEVICE**
[54] **SYSTEME ET DISPOSITIF D'ECLAIRAGE A DEL**
[72] BREBENEL, NICOLAE, US
[71] BREBENEL, NICOLAE, US
[85] 2018-10-12
[86] 2016-08-08 (PCT/US2016/045939)
[87] (WO2017/180176)
[30] US (62/323,352) 2016-04-15
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[51] **Int.Cl. H04L 5/00 (2006.01) H04W 4/00 (2018.01) H04W 52/02 (2009.01) H04W 72/04 (2009.01) H04W 72/12 (2009.01) H04W 88/06 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR FLEXIBLE BANDWIDTH OPERATION**
[54] **PROCEDES ET APPAREILS DE FONCTIONNEMENT DE BANDE PASSANTE FLEXIBLE**
[72] RICO ALVARINO, ALBERTO, US
[72] XU, HAO, US
[72] GAAL, PETER, US
[72] CHEN, WANSHI, US
[72] WANG, RENQIU, US
[72] FAKOORIAN, SEYED ALI AKBAR, US
[72] MONTOJO, JUAN, US
[72] LEI, JING, US
[72] WEI, YONGBIN, US
[72] MILLER, ARTHUR, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-10-11
[86] 2017-04-27 (PCT/US2017/029902)
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[30] US (62/339,724) 2016-05-20
[30] US (15/497,292) 2017-04-26

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[25] EN
[54] **METHODS AND SYSTEMS FOR DETECTING CRACKS IN ELECTRONIC DEVICES**
[54] **PROCEDES ET SYSTEMES POUR DETECTER DES FISSURES DANS DES DISPOSITIFS ELECTRONIQUES**
[72] FORUTANPOUR, BABAK, US
[72] PLOETNER, JEFFREY, US
[71] ECOATM, INC., US
[85] 2018-10-12
[86] 2017-04-13 (PCT/US2017/027476)
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[30] US (15/130,851) 2016-04-15

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[51] **Int.Cl. G01V 3/08 (2006.01)**
[25] EN
[54] **MAGNETIC INDUCTION BASED LOCALIZATION FOR WIRELESS SENSOR NETWORKS IN UNDERGROUND OIL RESERVOIRS**
[54] **LOCALISATION A BASE D'INDUCTION MAGNETIQUE POUR RESEAUX DE CAPTEURS SANS FIL DANS DES RESERVOIRS DE PETROLE SOUTERRAINS**
[72] SCHMIDT, HOWARD K., SA
[72] AKYILDIZ, IAN F., US
[72] LIN, SHIH-CHUN, US
[72] AL-SHEHRI, ABDALLAH AWADH, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[71] TRUVA CORPORATION, US
[85] 2018-10-12
[86] 2017-04-13 (PCT/US2017/027399)
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[30] US (62/323,103) 2016-04-15

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[51] **Int.Cl. H01M 4/36 (2006.01) H01M 4/131 (2010.01) H01M 4/525 (2010.01) H01M 10/052 (2010.01) C01G 49/00 (2006.01) C01G 53/00 (2006.01)**
[25] EN
[54] **POLYCRYSTALLINE LAYERED METAL OXIDES COMPRISING NANO-CRYSTALS**
[54] **OXYDES METALLIQUES STRATIFIES POLYCRISTALLINS COMPRENANT DES NANOCRISTAUX**
[72] PULLEN, ADRIAN, US
[72] REMPEL, JANE, US
[72] SRIRAMULU, SURESH, US
[71] CAMX POWER, L.L.C., US
[85] 2018-10-11
[86] 2017-04-27 (PCT/US2017/029913)
[87] (WO2017/189887)
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[51] **Int.Cl. A61M 1/28 (2006.01)**
[25] EN
[54] **WAVE-BASED PATIENT LINE BLOCKAGE DETECTION**
[54] **DETECTION DE BLOCAGE DE RACCORD PATIENT A BASE D'ONDE**
[72] CRAWFORD, WILLIAM SCOTT, US
[72] OHLINE, ROBERT MATTHEW, US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2018-10-12
[86] 2017-03-29 (PCT/US2017/024673)
[87] (WO2017/180326)
[30] US (15/098,632) 2016-04-14

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[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 30/06 (2012.01) A63F 13/213 (2014.01) H01Q 5/22 (2015.01) G01N 33/02 (2006.01) G01R 21/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR THERMAL MONITORING IN A RETAIL FACILITY**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE THERMIQUE DANS UNE INSTALLATION DE VENTE AU DETAIL**
[72] JONES, NICHOLAUS A., US
[72] TAYLOR, ROBERT J., US
[72] VASGAARD, AARON J., US
[72] JONES, MATTHEW A., US
[71] WALMART APOLLO, LLC, US
[85] 2018-10-12
[86] 2017-04-13 (PCT/US2017/027421)
[87] (WO2017/180874)
[30] US (62/323,087) 2016-04-15

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[51] **Int.Cl. C12N 5/071 (2010.01) A61K 35/38 (2015.01)**
[25] EN
[54] **DIFFERENTIATION OF PLURIPOTENT STEM CELLS TO INTESTINAL MIDGUT ENDODERM CELLS**
[54] **DIFFERENCIATION DE CELLULES SOUCHES PLURIPOTENTES EN CELLULES DE L'ENDODERME DE L'INTESTIN MOYEN**
[72] RIECK, SEBASTIAN, US
[72] REZANIA, ALIREZA, US
[71] JANSSEN BIOTECH, INC., US
[85] 2018-10-12
[86] 2017-04-04 (PCT/US2017/025847)
[87] (WO2017/180361)
[30] US (62/322,636) 2016-04-14

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[51] **Int.Cl. A61M 5/145 (2006.01) A61M 5/20 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **POWERED INJECTION DEVICE FOR DELIVERING MULTIPLE LIQUID FORMULATIONS, INCLUDING VACCINES**
[54] **DISPOSITIF D'INJECTION MOTORISE POUR ADMINISTRER DE MULTIPLES FORMULATIONS LIQUIDES, Y COMPRIS DES VACCINS**
[72] PORCHER, LUDOVIC, FR
[71] MERIAL, INC., US
[85] 2018-10-12
[86] 2017-04-13 (PCT/US2017/027487)
[87] (WO2017/180912)
[30] US (62/322,072) 2016-04-13

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[51] **Int.Cl. H04W 74/04 (2009.01) H04W 84/18 (2009.01)**
[25] EN
[54] **FORMING A TIME SYNCHRONIZED CHANNEL HOPPING NETWORK USING GUARANTEED TIME SLOTS**
[54] **FORMATION D'UN RESEAU A SAUTS DE CANAUX SYNCHRONISE EN TEMPS A L'AIDE DE CRENEAUX TEMPORELS GARANTIS**
[72] SHUDARK, JEFF B., US
[72] CALVERT, CHRIS, US
[71] LANDIS+GYR INNOVATIONS, INC., US
[85] 2018-10-11
[86] 2017-05-03 (PCT/US2017/030812)
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[51] **Int.Cl. A61G 5/14 (2006.01) A47C 1/0355 (2013.01) A47C 1/02 (2006.01) A47C 1/031 (2006.01) A47C 1/034 (2006.01) A47C 7/50 (2006.01)**
[25] EN
[54] **RECLINING ARMCHAIR WITH LIFTING SEAT AND EXTENDING FOOTREST**
[54] **FAUTEUIL INCLINABLE AVEC SIEGE DE LEVAGE ET REPOSE-PIEDS EXTENSIBLE**
[72] FELDMAN, JANET SCHWARTZ, US
[72] FELDMAN, DEREK, US
[72] ROTTENBERG, AVIV, IL
[72] YASSAF, DAVID, IL
[72] DAVIDI, GILAD, IL
[72] PADWA, ALEX, IL
[71] J&D FURNITURE LLC, US
[85] 2018-10-12
[86] 2017-04-05 (PCT/US2017/026038)
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[30] US (15/130,392) 2016-04-15

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[51] **Int.Cl. H04W 4/00 (2018.01) H04W 72/12 (2009.01) H04W 84/18 (2009.01)**
[25] EN
[54] **SCHEDULED COMMUNICATION WITH RESOURCE PROVIDERS AND A HOME AREA NETWORK**
[54] **COMMUNICATION PROGRAMMEE AVEC DES FOURNISSEURS DE RESSOURCE ET UN RESEAU DOMESTIQUE**
[72] TURNER, JAMES RANDALL, US
[71] LANDIS+GYR INNOVATIONS, INC., US
[85] 2018-10-11
[86] 2017-05-03 (PCT/US2017/030837)
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[51] **Int.Cl. A41B 9/02 (2006.01)**
[25] EN
[54] **LOWER TORSO GARMENT WITH SUPPORT ELEMENT**
[54] **VETEMENT DE TORSE INFERIEUR A ELEMENT DE SOUTIEN**
[72] KIMEL, SHERRY E., US
[72] PERRY, TASHA R., US
[72] ERICKSON, RACHEL, US
[72] COLEMAN, MELISSA A., US
[71] HBI BRANDED APPAREL ENTERPRISES, LLC, US
[85] 2018-10-12
[86] 2017-04-13 (PCT/US2017/027496)
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[30] US (62/322,779) 2016-04-14

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[51] **Int.Cl. A61F 2/16 (2006.01)**
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[54] **INTRAOCULAR LENS DESIGNS FOR IMPROVED STABILITY**
[54] **CONCEPTIONS DE LENTILLES INTRAOCULAIRES POUR UNE STABILITE AMELIOREE**
[72] KAHOOK, MALIK Y., US
[72] SUSSMAN, GLENN, US
[72] ZACHER, RUDOLPH F., US
[72] MCLEAN, PAUL J., US
[72] ATKINSON, ROBERT E., US
[71] CLARVISTA MEDICAL, INC., US
[71] THE REGENTS OF THE UNVERSITY OF COLORADO, A BODY CORPORATE, US
[85] 2018-10-11
[86] 2017-05-04 (PCT/US2017/031066)
[87] (WO2017/192855)
[30] US (62/332,163) 2016-05-05
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[51] **Int.Cl. G06F 3/048 (2013.01) G06Q 30/02 (2012.01) G06Q 50/28 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS THAT PROVIDE CUSTOMERS WITH ACCESS TO RENDERED RETAIL ENVIRONMENTS**
[54] **SYSTEMES ET PROCEDES DE FOURNITURE, A DES CLIENTS, D'UN ACCES A DES ENVIRONNEMENTS DE VENTE AU DETAIL RENDUS**
[72] MORGAN, STARLA C., US
[72] WILKINSON, BRUCE W., US
[72] MATTINGLY, TODD D., US
[71] WALMART APOLLO, LLC, US
[85] 2018-10-12
[86] 2017-04-14 (PCT/US2017/027522)
[87] (WO2017/180932)
[30] US (62/323,026) 2016-04-15
[30] US (62/348,444) 2016-06-10
[30] US (62/356,439) 2016-06-29
[30] US (62/436,842) 2016-12-20
[30] US (62/485,045) 2017-04-13

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[51] **Int.Cl. B01L 3/00 (2006.01) F17D 1/08 (2006.01) G01N 1/28 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR THE COLLECTION OF DROPLETS AND/OR OTHER ENTITIES**
[54] **SYSTEMES ET PROCEDES PERMETTANT LA COLLECTE DE GOUTTELETTES ET/OU D'AUTRES ENTITES**
[72] WEITZ, DAVID A., US
[72] MUTAFOPULOS, KIRYAKOS S., US
[72] HUFNAGEL, THOMAS, DE
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2018-10-12
[86] 2017-04-14 (PCT/US2017/027545)
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[30] US (62/323,544) 2016-04-15

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[51] **Int.Cl. C11D 1/66 (2006.01) C11D 3/32 (2006.01) C11D 3/34 (2006.01)**
[25] EN
[54] **SOLIDIFICATION PROCESS USING LOW LEVELS OF COUPLER/HYDROTROPE**
[54] **PROCEDE DE SOLIDIFICATION UTILISANT DE FAIBLES NIVEAUX D'AGENT DE COUPLAGE/HYDROTROPE**
[72] KIEFFER, JANEL M., US
[72] MOLINARO, KATHERINE, US
[72] BECKER, GARY, US
[72] FOSTER, TOBIAS, US
[72] LABUSGA, KARINA, US
[71] ECOLAB USA INC., US
[85] 2018-10-12
[86] 2017-04-14 (PCT/US2017/027538)
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[30] US (15/131,343) 2016-04-18

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[51] **Int.Cl. A61B 90/11 (2016.01) F16C 11/06 (2006.01) F16C 11/10 (2006.01)**
[25] EN
[54] **CANNULA LOCK WITH A BRAKE THAT ROTATES AND ANCHORS THAT DEPLOY INTO THE BONE AGAINST WHICH THE CANNULA LOCK IS SET**
[54] **VERROU DE CANULE COMPRENANT UN FREIN QUI TOURNE ET DES ANCRAGES QUI SE DEPLOIENT DANS L'OS CONTRE LEQUEL LE VERROU DE CANULE EST PLACE**
[72] MANLEY, KEVIN, IE
[71] STRYKER EUROPEAN HOLDINGS I, LLC, US
[85] 2018-10-12
[86] 2017-04-14 (PCT/US2017/027546)
[87] (WO2017/180950)
[30] US (62/322,915) 2016-04-15

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[13] A1
[51] **Int.Cl. A01N 63/02 (2006.01) B01J 31/02 (2006.01) B01J 31/06 (2006.01) B01J 35/00 (2006.01) B01J 35/04 (2006.01) B01J 37/02 (2006.01) B01J 37/36 (2006.01) C12N 11/04 (2006.01) C12N 11/14 (2006.01) C12N 11/18 (2006.01)**
[25] EN
[54] **MAGNETIC MACROPOROUS POLYMERIC HYBRID SCAFFOLDS FOR IMMOBILIZING BIONANOCATALYSTS**
[54] **ECHAFAUDAGES HYBRIDES POLYMERES MACROPOREUX MAGNETIQUES SERVANT A IMMOBILISER DES NANOCATALYSEURS BIOLOGIQUES**
[72] CORGIE, STEPHANE, US
[72] CHAIRIL, RICKI, US
[71] ZYMTRONIX CATALYTIC SYSTEMS, INC., US
[85] 2018-10-12
[86] 2017-04-05 (PCT/US2017/026086)
[87] (WO2017/180383)
[30] US (62/323,663) 2016-04-16

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 20/38 (2012.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS TO GENERATE COUPON OFFERINGS TO IDENTIFIED CUSTOMERS**
[54] **SYSTEMES ET PROCEDES POUR GENERER DES OFFRES DE COUPON A DES CLIENTS IDENTIFIES**
[72] CANTRELL, ROBERT L., US
[72] WILKINSON, BRUCE W., US
[72] MATTINGLY, TODD D., US
[71] WALMART APOLLO, LLC, US
[85] 2018-10-12
[86] 2017-04-14 (PCT/US2017/027573)
[87] (WO2017/180966)
[30] US (62/323,026) 2016-04-15
[30] US (62/348,444) 2016-06-10
[30] US (62/402,711) 2016-09-30
[30] US (62/436,842) 2016-12-20
[30] US (62/442,631) 2017-01-05
[30] US (62/485,045) 2017-04-13

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[51] **Int.Cl. A61K 31/444 (2006.01) A61K 31/55 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY WITH NOTCH AND PI3K/MTOR INHIBITORS FOR USE IN TREATING CANCER**
[54] **TRAITEMENT D'ASSOCIATION A BASE D'INHIBITEURS DE NOTCH ET DE PI3K/MTOR POUR UNE UTILISATION DANS LE TRAITEMENT DU CANCER**
[72] PATEL, BHARVIN KUMAR, US
[72] SMITH, MICHELE C., US
[71] ELI LILLY AND COMPANY, US
[85] 2018-10-12
[86] 2017-04-05 (PCT/US2017/026099)
[87] (WO2017/180385)
[30] US (62/321,307) 2016-04-12

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[51] **Int.Cl. C09K 3/18 (2006.01) C01F 11/24 (2006.01) E01C 11/24 (2006.01)**
[25] EN
[54] **LIGNOSULFONATE COATED CALCIUM CHLORIDE**
[54] **CHLORURE DE CALCIUM REVETU DE LIGNOSULFONATE**
[72] DAMMANN, LAURENCE G., US
[72] PHILLIPS, ROGER D., JR., US
[72] KING, KYLE D., US
[71] OMS INVESTMENTS, INC., US
[85] 2018-10-12
[86] 2017-04-14 (PCT/US2017/027591)
[87] (WO2017/180982)
[30] US (62/322,646) 2016-04-14

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[51] **Int.Cl. B25J 13/00 (2006.01) B25J 18/06 (2006.01)**
[25] EN
[54] **VARIABLE STIFFNESS SERIES ELASTIC ACTUATOR**
[54] **ACTIONNEUR ELASTIQUE EN SERIE A RIGIDITE VARIABLE**
[72] SCHIMMELS, JOSEPH M., US
[72] BERNHARD, ANDREW, US
[72] RICE, JACOB, US
[71] MARQUETTE UNIVERSITY, US
[85] 2018-10-12
[86] 2017-04-14 (PCT/US2017/027575)
[87] (WO2017/180968)
[30] US (62/322,550) 2016-04-14

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[13] A1
[51] **Int.Cl. G06F 17/21 (2006.01) G06F 17/27 (2006.01) G06F 17/28 (2006.01)**
[25] EN
[54] **QUERY OPTIMIZER FOR COMBINED STRUCTURED AND UNSTRUCTURED DATA RECORDS**
[54] **OPTIMISEUR D'INTERROGATION POUR DES ENREGISTREMENTS DE DONNEES STRUCTUREES ET NON STRUCTUREES COMBINES**
[72] STANKIEWICZ, BRIAN J., US
[72] ASENDORF, NICHOLAS A., US
[72] SCHUMACHER, JENNIFER F., US
[72] PETERSON, KELLY S., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-10-12
[86] 2017-04-07 (PCT/US2017/026636)
[87] (WO2017/180475)
[30] US (62/323,220) 2016-04-15

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[13] A1
[51] **Int.Cl. G05D 1/02 (2006.01) A01B 69/04 (2006.01) A01B 69/08 (2006.01)**
[25] EN
[54] **LINE ACQUISITION PATH GENERATION**
[54] **GENERATION DE TRAJET D'ACQUISITION DE LIGNE**
[72] MEDAGODA, ERAN D.B., US
[72] SULLIVAN, TIMOTHY J., US
[72] DANG, TRI M., US
[71] AGJUNCTION LLC, US
[85] 2018-10-12
[86] 2017-04-10 (PCT/US2017/026780)
[87] (WO2017/180504)
[30] US (62/321,393) 2016-04-12
[30] US (15/483,061) 2017-04-10

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[51] **Int.Cl. C12N 5/0783 (2010.01) C07K 14/725 (2006.01) C12N 9/22 (2006.01) C12N 15/63 (2006.01)**
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