Canadian Intellectual Property Office

An Agency of Industry Canada

Office de la propriété intellectuelle du Canada

Un organisme d'Industrie Canada

ISSN-1712-4034

The Patent Office Record

La Gazette du Bureau des brevets

Vol. 146 No. 15 April 10, 2018

Vol. 146 No. 15 le 10 avril 2018

Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

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

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

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

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

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (**www.wipo.int/scit/en/standards/standards.htm**).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (**www.wipo.int/scit/fr/standards/standards.htm**).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (**www.strategis.ic.gc.ca/patentsorder**) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (**www.strategis.ic.gc.ca/brevetscommande**) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act.* Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After 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

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

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

1. Livraison en personne de correspondance à l'OPIC.
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
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
8. Lois, règles et règlements sur la propriété intellectuelle

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.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

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

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.

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.

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.

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.

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.

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

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of April 10, 2018 contains applications open to public inspection from March 25, 2018 to March 31, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 10 avril 2018 contient les demandes disponibles au public pour consultation pour la période du 25 mars 2018 au 31 mars 2018.

Canadian Patents Issued

April 10, 2018

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[54] **AMYLOID-.BETA.(1-42) OLIGOMERS, DERIVATIVES THEREOF, ANTIBODIES FOR THE SAME, METHOD FOR PRODUCTION AND USE THEREOF**
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[54] **MEDICAMENTS POUVANT SUBIR UNE OXYDO-REDUCTION DESTINES AU TRAITEMENT DES MALADIES MITOCHONDRIALES ET D'AUTRES AFFECTIONS ET MODULATION DE BIOMARQUEURS RELATIFS A L'ETAT ENERGETIQUE**
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[54] **METHODE ET LOGICIEL DE CONTROLE DE LA COHERENCE DES DONNEES D'UN SYSTEME DE BASES DE DONNEES REPARTIES ET DUPLIQUEES**
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[54] **SYSTEME DE COMMUNICATION CELLULAIRE DESTINE A REDUIRE LES EFFETS D'UN RAYONNEMENT EMIS DEPUIS DES ANTENNES DE TELEPHONE CELLULAIRE**
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[72] DABIET, FAIEK, CA
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[72] STEINAA, LUCILLA, DK
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[54] **UN VACCIN PREVENANT ET TRAITANT LES MALADIES AUTO-IMMUNES RENFERMANT UN ANTIGENE DE PROTEINE**
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[54] **AUTOMATIC BAG HANDLING SYSTEM AND METHOD FOR PRECISELY SECURING A PLASTIC HANDLE TO A PLASTIC BAG**
[54] **DISPOSITIF AUTOMATIQUE DE TRAITEMENT DE SAC ET METHODE DE FIXATION PRECISE DE POIGNEE EN PLASTIQUE A UN SAC EN PLASTIQUE**
[72] CHIU, MANUEL, CA
[72] LAUZON, ROBERT, CA
[72] SPENCELEY, MALCOLM, CA
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[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE L'UTILISATION D'UN SERVICE DE MESSAGERIE**
[72] BOSAN, SOREL, CA
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[54] **SYSTEMES ET PROCEDES DE FOURNITURE D'UN ACCES A DISTANCE A DES APPLICATIONS DE GUIDAGE MULTIMEDIA INTERACTIVES**
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[54] **SYSTEMES D'ALIGNEMENT DE COLORANTS OPTIQUES**
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[54] **PROCEDE DE PRODUCTION DE JUS SUCRE A PARTIR DE BIOMASSE LIGNOCELLULOSIQUE AVEC RECYCLAGE AMELIORE DES ENZYMES**
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[54] **FORMULATIONS D'IMIQUIMOD A FAIBLE DOSE ET SCHEMA POSOLOGIQUE DE COURTE DUREE PERMETTANT DE TRAITER LA KERATOSE SENILE**
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[72] LEVY, SHARON F., US
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[54] **METHODES PERMETTANT LA FABRICATION DE REVETEMENTS DE BARRIERE ENVIRONNEMENTALE EN UTILISANT DES ADDITIVES DE FRITTAGE**
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[72] BOUTWELL, BRETT ALLEN, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **ADENOVIRUS SIMIENS SADV-36, -42.1, -42.2 ET -44 ET LEURS UTILISATIONS**
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[54] **POLYMORPHISMES GENETIQUES ASSOCIES A UNE THROMBOSE VEINEUSE, LEURS PROCEDES DE DETECTION ET LEURS UTILISATIONS**
[72] BARE, LANCE, US
[72] DEVLIN, JAMES, US
[72] ROSENDAAL, FRITS R., US
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[54] **VACCIN POUR UNE PROTECTION CONTRE LAWSONIA INTRACELLULARIS, MYCOPLASMA HYOPNEUMONIAE ET LE CIRCOVIRUS PORCIN**
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[72] VERMEIJ, PAUL, NL
[72] SEGERS, RUUD PHILIP ANTOON MARIA, NL
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[72] SHI, XIAOYAN, US
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[54] **ANALOGUES PEPTIDIQUES DE L'HORMONE STIMULANT LES ALPHA-MELANOCYTES**
[72] PERRICONE, MICHAEL A., US
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[72] WEEDEN, TIMOTHY E., US
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[73] OPALUX INCORPORATED, CA
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[54] **DISPOSITIFS D'ADMINISTRATION MUCOSALE A DIRECTIONS MULTIPLES ET LEURS PROCEDES D'UTILISATION**
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[54] **AGENT DE REGENERATION DE LA MEMBRANE DU TYMPAN OU DU CANAL AUDITIF EXTERNE**
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[54] **DENDRIMERES D'ADN A ACTION LONGUE ET PROCEDES DE CEUX-CI**
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[54] **APPAREIL ET PROCEDE DE STIMULATION OPTIMISEE D'UNE CIBLE NEUROLOGIQUE**
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[54] **APPAREIL ET PROCEDE D'ISOLEMENT ET D'ELIMINATION DE L'AIR ET DES CONTAMINANTS**
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[54] **SYSTEMS AND METHODS OF UTILIZING TELEMATICS DATA TO IMPROVE FLEET MANAGEMENT OPERATIONS**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'UTILISER DES DONNEES TELEMATIQUES, AFIN D'AMELIORER DES OPERATIONS DE GESTION DE FLOTTE**
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[54] **PARTICULES DE POLYMERES REAGISSANT A LA CHALEUR EN VUE DE LA SEPARATION DE PROTEINE**
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[72] HEARN, MILTON THOMAS WILLIAM, AU
[72] MAHARJAN, PANKAJ, AU
[72] DE SILVA, KIRTHI, AU
[72] JACKSON, WILLIAM ROY, AU
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[73] MONASH UNIVERSITY, AU
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[54] **PLAQUE DE SCELLEMENT EQUIPEE D'UN CAPTEUR DE PRESSION**
[72] HORNER, GLENN A., US
[72] OLIVER, CHRISTINA A., US
[72] BRANDT, KIM V., US
[73] TYCO HEALTHCARE GROUP, LP, US
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[54] **POLYCRYSTALLINE DIAMOND, POLYCRYSTALLINE DIAMOND COMPACT, METHOD OF FABRICATING SAME, AND VARIOUS APPLICATIONS**
[54] **DIAMANT POLYCRISTALLIN, COMPRIME DE DIAMANT POLYCRISTALLIN, LEUR PROCEDE DE FABRICATION, ET DIVERSES APPLICATIONS**
[72] BERTAGNOLLI, KENNETH E., US
[72] QIAN, JIANG, US
[72] WIGGINS, JASON, US
[72] VAIL, MICHAEL A., US
[72] MUKHOPADHYAY, DEBKUMAR, US
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[72] RASMUSSEN, ANDERS NYGAARD, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **PROCEDE ET INSTRUMENT POUR LA RECONSTRUCTION D'UN SIGNAL A BANDE ETROITE ECHANTILLONNE DE MANIERE IRREGULIERE**
[72] CANSOT, ELODIE, FR
[72] CHRISTOPHE, EMMANUEL, FR
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[73] CENTRE NATIONAL D'ETUDES SPATIALES, FR
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[54] **IMPLANTS D'HYDROGEL A CARACTERISTIQUES DE RETICULATION VARIABLES**
[72] BENNETT, STEVEN, US
[72] MAST, NATHANIEL, US
[72] LAVIGNE, KEVIN, US
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[54] **SYSTEME DE PURGE DE GAZ INERTE POUR UNE CHAUDIERE A CYCLE ORGANIQUE DE RANKINE (ORC)**
[72] FREUND, SEBASTIAN W., US
[72] KOPECEK, HERBERT, US
[72] LEHAR, MATTHEW ALEXANDER, US
[72] HUCK, PIERRE SEBASTIEN, US
[72] SCHARL, ALBERT ANDREAS, US
[72] MARTINI, MARIO, US
[72] CASTELLANI, PAOLO, US
[72] AST, GABOR, US
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[72] SEGHI, GIACOMO, US
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[72] CAPPELLI, MAURO, US
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[54] **BATTERIE DE GENERATEURS ELECTROCHIMIQUES COMPRENANT UNE MOUSSE COMME MATERIAU DE REMPLISSAGE ENTRE GENERATEURS**
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[54] **PROCEDE D'EXECUTION D'UNE APPLICATION SECURISEE DANS UN DISPOSITIF NFC**
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[72] WALTON, CHARLES, US
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[54] **ADDITIF ALIMENTAIRE POUR ANIMAUX ET ALIMENT POUR ANIMAUX COMPRENANT DES ESTERS D'ALKYLE D'ACIDES GRAS A CHAINE MOYENNE, ET LEUR UTILISATION DANS L'ALIMENTATION POUR ANIMAUX**
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[72] SMITS, COENRAAD HENRICUS MARIA, NL
[72] BRENNAN, JOHN, CA
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[54] **COMPOSITIONS ET METHODES DE TRAITEMENT D'UNE TUMEUR D'ORIGINE HEMATOPOIETIQUE**
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[72] DESAUVAGE, FREDERIC J., US
[72] EATON, DAN L., US
[72] EBENS, ALLEN, JR., US
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[54] **AGENCEMENT D'ASSISE, ENSEMBLE SIEGE, TABLETTE ET SYSTEME D'ASSISE**
[72] BAMFORD, VICTORIA ANNE, NZ
[72] PORTER, GLEN WILSON, NZ
[72] FRANCE, JAMES DOMINIC, NZ
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[54] **CONCENTRATEUR D'EAUX USEES COMPACT UTILISANT LA CHALEUR RESIDUELLE**
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[73] HALIFAX BIOMEDICAL INC., CA
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[54] **EQUIPEMENT POUR STOCKAGE DE VALEURS EN SAC ET PROCEDE RESPECTIF POUR LE COMPTE ET LE TRANSPORT DES VALEURS STOCKEES**
[72] GIOVANETTO, MAURO, IT
[72] VESCO, DAVIDE, IT
[72] FAGA, ALBERTO, IT
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[54] **PROCEDES DE TRAITEMENT ET DE DIAGNOSTIC POUR TROUBLES D'HYPERSENSIBILITE**
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[54] **PROCEDE DE REVETEMENT D'UN SUPPORT ET SUPPORT DOTE D'UN REVETEMENT**
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[72] HERRMANN, TANJA, DE
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[54] **NOUVEAUX TRAITEMENTS THERAPEUTIQUES UTILISANT LA CENTHAQUINE**
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[73] MIDWESTERN UNIVERSITY, US
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[72] PERKINS, NANCY JANE, US
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[54] **NEW MEDICINES FOR TOPIC USE BASED ON SULFATED HYALURONIC ACID AS ACTIVATING OR INHIBITING AGENT OF THE CYTOKINE ACTIVITY**
[54] **NOUVEAUX MEDICAMENTS A USAGE TOPIQUE A BASE D'ACIDE HYALURONIQUE SULFATE COMME AGENT D'ACTIVATION OU D'INHIBITION DE L'ACTIVITE CYTOKINIQUE**
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[72] GENNARI, GIOVANNI, IT
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[73] MALLINCKRODT PHARMA IP TRADING D.A.C., IE
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[72] O'DONNELL, PATRICK B., US
[72] JAMES, JOYCE K., US
[73] AMBIT BIOSCIENCES CORPORATION, US
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[54] **PROCEDE ET APPAREIL PERMETTANT DE FABRIQUER UN CARBURANT**
[72] COLLINGS, ANTHONY (DECEASED), AU
[73] AUSBIODIESEL PTY LTD, AU
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[54] **STABILISANTS EN SILICONE POUR DU POLYURETHANE RIGIDE OU DES MOUSSES DE POLYISOCYANURATE**
[72] GLOS, MARTIN, DE
[72] SCHILLER, CARSTEN, DE
[72] EILBRACHT, CHRISTIAN, DE
[73] EVONIK DEGUSSA GMBH, DE
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[72] STEER, DAVID G., CA
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[72] LIMANOWKA, WOJCIECH A., CA
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[54] **PROCEDE DE FABRICATION D'UN ELEMENT COMPOSITE EN MOUSSE**
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[54] **COMPOSES PEPTIDIQUES BENEFIQUES DE RECEPTEUR AUX OPIACES MU**
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[54] **PROCEDE D'UTILISATION DE SAUMURE DURE A UN NIVEAU D'ALCALINITE ELEVE POUR DES APPLICATIONS DE RECUPERATION ASSISTEE DES HYDROCARBURES (RAH)**
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[54] **PHYTOPROTECTION DE LESION D'HERBICIDE 6-AMINO-2-(PHENYLE SUBSTITUE)-5-SUBSTITUE-4-PYRIMIDINECARBOXYLATE SUR DES CULTURES DE CEREALES**
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[54] **SYSTEME DE DETECTION D'ENTITE ET PROCEDE POUR CONTROLER UNE ZONE**
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[54] **MOTEUR ELECTRIQUE ET/OU GENERATEUR A CHAMP MAGNETIQUE PERMANENT REGLABLE MECANIQUEMENT**
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[54] **DISPOSITIF ET PROCEDE DE POSITIONNEMENT D'OS**
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[72] JOHANNABER, KENNETH D., US
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[54] **COMPOSES MACROCYCLIQUES ENTIEREMENT SYNTHETIQUES PRESENTANT DES CONTRAINTES CONFORMATIONNELLES**
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[54] **COLORANTS POUR L'ANALYSE DE L'AGREGATION DE PROTEINES**
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[72] PANDE, PRAVEEN, US
[72] KOVALSKA, VLADYSLAVA, UA
[72] VOLKOVA, KATERYNA, UA
[72] COLEMAN, JACK, US
[72] LOSYTSKYY, MYKHAYLO, UA
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[72] LUDLAM, ANTHONY, US
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[73] ENZO LIFE SCIENCES, INC., US
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[72] PERSHIKOVA, ELENA, FR
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[54] **METHODE ET ARRANGEMENT DE RECONFIGURATION DE MAPPAGE DE CHAMP INDICATEUR DE PORTEUSE A UNE PORTEUSE DE COMPOSANT**
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[54] **COMPOSITION DE RESINE THERMOPLASTIQUE RENFORCEE PAR DES FIBRES, FAISCEAU DE FIBRES DE RENFORT, ET PROCEDE DE PRODUCTION D'UNE COMPOSITION DE RESINE THERMOPLASTIQUE RENFORCEE PAR DES FIBRES**
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[54] **COMPOSE TRICYCLIQUE D'INDAZOLE, SON PROCEDE DE PREPARATION ET COMPOSITION PHARMACEUTIQUE LE CONTENANT**
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[72] ROZIER, PATRICK, FR
[72] DELAIZIR, GAELLE, FR
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[72] LAGU, BHARAT, US
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[72] MIDGLEY, BRIAN, US
[72] ABRAHAM, WILLIAM, US
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[73] TWENTIETH CENTURY FOX FILM CORPORATION, US
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[54] **PROCEDE POUR UNE PRODUCTION D'HYDROGENE AVEC EMISSION DE CO2 REDUITE**
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[72] VALENTIN, SOLENE, FR
[72] COURT, PHILIPPE, FR
[72] TRANIER, JEAN-PIERRE, FR
[72] TRAVERSAC, XAVIER, FR
[72] TERRIEN, PAUL, US
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[54] **LAMPE ET PROCEDE DE TRAITEMENT A LED**
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[72] BEVERIDGE, KEITH, US
[72] OSLAND, DAVID, US
[72] OLSEN, ROGER, US
[72] CHATTERTON, PENNY, US
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[73] AUTOMATIC TECHNOLOGY (AUSTRALIA) PTY LTD, AU
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[72] THOE, DAVID A., US
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[72] PATEL, VISHAL, US
[72] GUO, ZHIYU, US
[73] VONAGE NETWORK, LLC, US
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[73] LUBRIZOL ADVANCED MATERIALS, INC., US
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[73] BIOMET UK HEALTHCARE LIMITED, GB
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[54] **COMPOSITIONS DESTINEES AU CONTROLE DES MALADIES FONGIQUES DE VEGETAUX RENFERMANT UN COMPOSE CARBOXAMIDE ET DU CHLOROTHALONIL**
[72] MATSUZAKI, YUICHI, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[54] **COMPOSITIONS DE CONTROLE DE MALADIE DES VEGETAUX RENFERMANT UN COMPOSE CARBOXAMIDE ET UN FONGICIDE DITHIOCARBAMATE**
[72] MATSUZAKI, YUICHI, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[54] **COMPOSITIONS DE CONTROLE DE MALADIE DES VEGETAUX RENFERMANT UN COMPOSE CARBOXAMIDE ET UN FONGICIDE STROBILURINE**
[72] MATSUZAKI, YUICHI, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[54] **SUTURES D'AUTO-RETENUE A HAUTE DENSITE, EQUIPEMENT ET PROCEDES DE FABRICATION**
[72] GROSS, JEFFREY M., CA
[72] DRUBETSKY, LEV, CA
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[72] D'AGOSTINO, WILLIAM L., US
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[54] **STATION D'ACCUEIL A CHEMIN DE COMMUNICATION REDONDANT**
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[72] SILVA, MICHAEL C., US
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[72] NELSON, DWAYNE R., US
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[54] **SYSTEME DE COMMUNICATION COMPRENANT UNE VALIDATION BASEE SUR UN CHANGEMENT D'IDENTIFICATION UNIQUE ET PROCEDES ASSOCIES**
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[72] PRANOWO, DEVY, US
[72] LIRA, CHRIS, US
[72] COOPER, BLAIR, US
[72] DIAZ, ROBERTO, US
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[54] **METHOD AND KIT FOR IDENTIFYING COMPOUNDS CAPABLE OF INHIBITING HUMAN PAPILLOMA VIRUS REPLICATION**
[54] **PROCEDE ET TROUSSE POUR L'IDENTIFICATION DE COMPOSES CAPABLES D'INHIBER LA REPLICATION DU PAPILLOMAVIRUS HUMAIN**
[72] USTAV, ENE, EE
[72] GEIMANEN, JELIZAVETA, EE
[72] PIPITS, REGINA, EE
[72] ISOK-PAAS, HELEN, EE
[72] REINSON, TORMI, EE
[72] USTAV, MART, JR., EE
[72] LAOS, TRIIN, EE
[72] ORAV, MARIT, EE
[72] SALK, KRISTIINA, EE
[72] MANNIK, ANDRES, EE
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[54] **CHEVILLE FILETEE EN PLASTIQUE POUR LA FIXATION D'UN RAIL SUR UNE TRAVERSE**
[72] DANNEBERG, ERIK, DE
[72] RUETZEL, TILMANN PETER, DE
[72] BUDA, ROLAND, DE
[72] MEYER, FRANK, DE
[73] SCHWIHAG AG, CH
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[54] **PROCEDE D'EVALUATION DE PRODUITS CHIMIQUES DANS DES FLUIDES PRODUITS**
[72] MAC KAY, FIONA, GB
[72] PERFECT, EMMA, GB
[72] ROWLEY-WILLIAMS, CATHERINE, GB
[72] FULLER, ANNE-MARIE, GB
[73] LUX INNOVATE LIMITED, GB
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[54] **PROCEDE ET APPAREIL D'EMISSION D'UN SIGNAL APERIODIQUE DE REFERENCE DE SONDAGE DANS UN SYSTEME DE COMMUNICATIONS HERTZIENNES**
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[72] MOON, SUNG HO, KR
[72] CHUNG, JAE HOON, KR
[73] LG ELECTRONICS INC., KR
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[54] **COMPOSITION DE POLYMERE, PROCEDE POUR APPLIQUER UNE TELLE COMPOSITION ET UTILISATION D'UNE TELLE COMPOSITION DANS DES STRUCTURES DE VOIE FERREE**
[72] VAN DER HOUWEN, GERRIT MARINUS, NL
[72] KERKHOVEN, PIETER JOOST, NL
[72] KOTERIS, STEFANUS JACOBUS MARIA, NL
[73] EDILON)(SEDRA B.V., NL
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[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT DU LACTATE DE 4-AMINO-5-FLUORO-3-[6-(4-METHYLPIPERAZIN-1-YL)-1H-BENZIMIDAZOL-2-YL]-1H-QUINOLINE-2-ONE MONOHYDRATE**
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[72] QIU, ZHIHUI, CN
[73] NOVARTIS AG, CH
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[54] **COMPOSES A BASE D'ARN DOUBLE BRIN POUR LE GENE RHOA ET LEUR UTILISATION**
[72] AVKIN-NACHUM, SHARON, IL
[72] FEINSTEIN, ELENA, IL
[72] KALINSKI, HAGAR, IL
[72] METT, IGOR, IL
[73] QUARK PHARMACEUTICALS, INC., US
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[54] **SYSTEME OPTIQUE A RAYONS X AVEC CONVERGENCE ET TAILLE DE POINT FOCAL REGLABLES**
[72] VERMAN, BORIS, US
[73] RIGAKU INNOVATIVE TECHNOLOGIES, INC., US
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[72] SETTELE, ANDREAS, DE
[73] "LOWA" SPORTSCHUHE GMBH, DE
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[72] RITCHART, MARK A., US
[72] WROLSTAD, DAVID, US
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[54] **PROCEDE DE REALISATION D'UNE PIECE MASSIVE**
[72] DAMBRINE, BRUNO JACQUES GERARD, FR
[72] PERROUX, ALAIN ROBERT YVES, FR
[72] GODON, THIERRY, FR
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[73] MALLINCKRODT NUCLEAR MEDICINE LLC, US
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[54] **PROCEDE, SYSTEME ET APPAREIL D'INCORPORATION DE DETECTION DE PROXIMITE CAPACITIVE DANS PROCEDE DE TRANSFERT DE FLUIDE AUTOMATISE**
[72] KNIGHT, BYRON J., US
[72] OPALSKY, DAVID, US
[72] SCHROETER, BRIAN, US
[73] GEN-PROBE INCORPORATED, US
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[54] **INSTRUMENTS D'AGRAFAGE CIRCULAIRES AVEC DES AGENCEMENTS DE DECOUPE SECONDAIRES ET PROCEDES D'UTILISATION DE CEUX-CI**
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[72] WILLIS, JOHN W., US
[73] ETHICON ENDO-SURGERY, INC., US
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[54] **PROCEDE DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE ET DISPOSITIF DE CODAGE/DECODAGE D'IMAGE**
[72] LIM, CHONG SOON, SG
[72] WAHADANIAH, VIKTOR, SG
[72] NAING, SUE MON THET, SG
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
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[72] SUGIO, TOSHIYASU, JP
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[54] **DEVICE FOR INTRODUCING A FORCE INTO TENSION MEMBERS MADE OF FIBER-REINFORCED PLASTIC FLAT STRIP LAMELLAS**
[54] **DISPOSITIF D'INDUCTION DE FORCE DANS DES ELEMENTS DE TRACTION CONSTITUES DE LAMELLES PLATES EN MATIERE PLASTIQUE RENFORCEE PAR DES FIBRES**
[72] BERSET, THIERRY, CH
[72] BANZIGER, HEINZ, CH
[72] HORISBERGER, PATRIK, CH
[73] SIKA TECHNOLOGY AG, CH
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[54] **COMPOSITIONS DESTINEES A UNE ADMINISTRATION VAGINALE ET ORALE DE LACTOBACILLUS ET LEURS UTILISATIONS**
[72] KISS, HERBERT, AT
[72] DOMIG, KONRAD J., AT
[72] KNEIFEL, WOLFGANG, AT
[72] VIERNSTEIN, HELMUT, AT
[72] UNGER, FRANK M., AT
[73] HSO HEALTH CARE GMBH, AT
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[54] **MODULE OPTIQUE DE DISPOSITIF D'ECLAIRAGE ET/OU DE SIGNALISATION D'UN VEHICULE AUTOMOBILE**
[72] THULLIER, CHRISTOPHE, FR
[72] VONG, JULIE, FR
[72] MEYRENAUD, JEAN-LUC, FR
[72] MORET, FREDERIC, FR
[73] VALEO VISION, FR
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[72] DONNO, COSIMO, CH
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[73] ZIMMER GMBH, CH
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[54] **NOUVEAUX SYSTEMES DE CATALYSEURS ET RESINES POLYMERES POSSEDANT DES PROPRIETES DE BARRIERE AMELIOREES**
[72] ST JEAN, GUYLAINE, US
[72] DING, ERRUN, US
[72] TSO, CHUNG CHING, US
[72] YANG, QING, US
[72] MASINO, ALBERT P., US
[72] MARTIN, JOEL L., US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
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[54] **UN DISPOSITIF DE CAMERA DOTE D'UN DIAPHRAGME D'ECRAN TACTILE DYNAMIQUE ET D'UNE ZONE DE CONTROLE FOCAL DYNAMIQUE**
[72] WOOD, CHRISTOPHER WILLIAM, CA
[72] ARBSJO, JONAS OVE, SE
[73] BLACKBERRY LIMITED, CA
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[72] NAKAYAMA, TADAYORI, JP
[72] ITOKAWA, JUNICHI, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
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[72] FRITSCH, JUERGEN, US
[73] MMODAL IP LLC, US
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[54] **COMPOSITION DE RESINE BIODEGRADABLE**
[72] YOSHIKAWA, SEISHI, JP
[72] KATAYAMA, TSUTAKI, JP
[72] KOGURE, MASAHITO, JP
[72] YAMANE, KAZUYUKI, JP
[73] TOYO SEIKAN KAISHA, LTD., JP
[73] KUREHA CORPORATION, JP
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[54] **COMPOSITION DE CONTROLE DE PARASITES FONGIQUES RENFERMANT DE LA MANDESTROBINE ET UN COMPOSE CARBAMATE ET METHODE DE CONTROLE DE PARASITES FONGIQUES**
[72] KIGUCHI, SO, JP
[72] TANAKA, SOICHI, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2013-04-04
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[54] **METHOD AND SYSTEM OF PROVIDING MDT MEASUREMENT INFORMATION TO A BASE STATION IN A WIRELESS NETWORK ENVIRONMENT**
[54] **PROCEDE ET SYSTEME DE FOURNITURE D'INFORMATIONS DE MESURE MDT A UNE STATION DE BASE DANS UN ENVIRONNEMENT DE RESEAU SANS FIL**
[72] THIRUVENKATACHARI, BALAJI SRINIVASAN, IN
[72] VAN DER VELDE, HIMKE, GB
[72] JAIN, NITIN, IN
[72] MALLICK, PRATEEK BASU, IN
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **USE OF A COMPOSITION COMPRISING AN ANTIMICROBIAL PEPTIDE AS A FOOD PRESERVATIVE**
[54] **UTILISATION D'UNE COMPOSITION COMPRENANT UN PEPTIDE ANTIMICROBIEN COMME AGENT DE CONSERVATION ALIMENTAIRE**
[72] CARREIRA, ALEXANDRA MANUELA LOURENCO, PT
[72] VALADAS DA SILVA MONTEIRO, SARA ALEXANDRA, PT
[72] DE SEIXAS BOAVIDA FERREIRA, RICARDO MANUEL, PT
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[54] **PROTEINE ANTIMICROBIENNE**
[72] CARREIRA, ALEXANDRA MANUELA LOURENCO, PT
[72] VALADAS DA SILVA MONTEIRO, SARA ALEXANDRA, PT
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[54] **USE OF CHELATING AGENT AND PEPTIDE ANTIMICROBIAL COMPOUNDS**
[54] **UTILISATION D'UN AGENT CHELATEUR ET DE COMPOSES ANTIMICROBIENS PEPTIDIQUES**
[72] CARREIRA, ALEXANDRA MANUELA LOURENCO, PT
[72] VALADAS DA SILVA MONTEIRO, SARA ALEXANDRA, PT
[72] DE SEIXAS BOAVIDA FERREIRA, RICARDO MANUEL, PT
[73] CONSUMO EM VERDE - BIOTECNOLOGIA DAS PLANTAS, S.A., PT
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[54] **DENTAL COMPOSITION**
[54] **COMPOSITION DENTAIRE**
[72] STELZIG, SIMON, DE
[72] KLEE, JOACHIM E., DE
[72] FACHER, ANDREAS, CH
[72] WEBER, CHRISTOPH, DE
[73] DENTSPLY DETREY GMBH, DE
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[54] **DENTAL CEMENT COMPOSITION**
[54] **COMPOSITION DE CIMENT DENTAIRE**
[72] STELZIG, SIMON, DE
[72] KLEE, JOACHIM E., DE
[72] FACHER, ANDREAS, CH
[72] WEBER, CHRISTOPH, DE
[73] DENTSPLY DETREY GMBH, DE
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[54] **ELECTROLYTIC CATHODE ASSEMBLIES WITH HOLLOW HANGER BAR**
[54] **ENSEMBLES CATHODES ELECTROLYTIQUES A BARRE DE SUSPENSION CREUSE**
[72] IVERSON, GORDON STEVEN, CA
[72] JICKLING, JOHN DOUGLAS, CA
[72] JICKLING, ROBERT STANLEY, CA
[73] EPCM SERVICES LTD., CA
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[54] **FOYER VIRTUEL VARIABLE AUTOMATIQUE POUR LES AFFICHEURS A REALITE AUGMENTEE**
[72] BAR-ZEEV, AVI, US
[72] LEWIS, JOHN, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **DEVICE AND METHOD FOR MANAGING AN ELECTRONIC CONTROL UNIT OF A VEHICLE**
[54] **DISPOSITIF ET PROCEDE POUR GERER UNE UNITE DE COMMANDE ELECTRONIQUE DE VEHICULE**
[72] MEILLEUR, PATRICK, CA
[72] SIMARD, CHRISTIAN, CA
[73] INNOVATION GAP INC., CA
[85] 2013-04-25
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[54] **BIOPSY DEVICE HAVING A RATCHET DRIVE MECHANISM FOR DRIVING A BIOPSY PROBE ASSEMBLY**
[54] **DISPOSITIF DE BIOPSIE EQUIPE D'UN MECANISME D'ENTRAINEMENT A ENCLIQUETAGE SERVANT A ENTRAINER UNE SONDE DE BIOPSIE**
[72] RANPURA, HIMANSHU MAHESH, US
[72] VAN LIERE, CHAD, US
[73] C.R. BARD INC., US
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[54] **KIT FOR DETECTING BOVINE LEUKEMIA VIRUS(BLV), AND USE THEREOF**
[54] **TROUSSE DE DETECTION DU VIRUS DE LA LEUCEMIE BOVINE (BLV) ET SON UTILISATION**
[72] AIDA, YOKO, JP
[72] TAKESHIMA, SHIN-NOSUKE, JP
[72] JIMBA, MAYUKO, JP
[72] ENDOH, DAIJI, JP
[73] RIKEN, JP
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[54] **METHOD AND APPARATUS FOR SCREEN NAVIGATION HISTORY MANAGEMENT**
[54] **METHODE ET APPAREIL POUR GESTION D'HISTORIQUE DE NAVIGATION SUR UN ECRAN**
[72] NAM, SUNG WOO, KR
[73] ALTICAST CORPORATION, KR
[86] (2820746)
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[25] EN
[54] **SYSTEMS AND METHODS FOR ADJUSTING 3D GAMING IMAGES FOR MOBILE GAMING**
[54] **SYSTEMES ET METHODES POUR AJUSTER DES IMAGES DE JEU TRIDIMENSIONNELLES POUR JEU MOBILE**
[72] FROY, DAVID, CA
[72] BABIN, PETER, CA
[72] GADHER, BHARAT, CA
[72] IDRIS, FAYEZ, CA
[72] PLESKONJIC, DRAGAN, RS
[72] POST PETER, AT
[72] MCINTYRE, ANDREW, CA
[73] IGT CANADA SOLUTIONS ULC, CA
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[25] EN
[54] **LOCKABLE LOCKSET OPERABLE BY EITHER AXIAL OR ROTATIONAL KNOB MOVEMENT**
[54] **ENSEMBLE VERROU VERROUILLABLE ACTIONNABLE PAR LE BIAIS D'UN MOUVEMENT DE BOUTON AXIAL OU ROTATIONNEL**
[72] WEATHERSBY, STEVEN T., US
[73] HAMPTON PRODUCTS INTERNATIONAL CORPORATION, US
[86] (2821533)
[87] (2821533)
[22] 2013-07-19
[30] US (61/683,573) 2012-08-15
[30] US (13/909,433) 2013-06-04

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[25] EN
[54] **COMPOSITION CONTAINING GENE ENCODING ABC TRANSPORTER PROTEINS FOR INCREASING SIZE OF PLANT SEED AND CONTENT OF FAT STORED WITHIN SEED**
[54] **COMPOSITION CONTENANT UN GENE CODANT POUR PROTEINES DE TRANSPORTEUR ABC POUR AUGMENTER LA TAILLE DE GRAINES DE PLANTES ET LA TENEUR EN GRAISSE STOCKEE DANS LES GRAINES**
[72] KIM, SANGWOO, KR
[72] LEE, YOUNGSOOK, KR
[72] NISHIDA, IKUO, JP
[72] YAMAOKA, YASUYO, JP
[72] ONO, HIROFUMI, JP
[73] POSTECH ACADEMY-INDUSTRY FOUNDATION, KR
[85] 2013-07-05
[86] 2011-09-16 (PCT/KR2011/006826)
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[54] **SEED INDUCTOR BOX FOR AN AGRICULTURAL IMPLEMENT HAVING A FLUIDIZATION CHAMBER**
[54] **BOITE D'INDUCTION DE SEMENCES POUR MACHINE AGRICOLE COMPORTANT UNE CHAMBRE DE FLUIDISATION**
[72] MACDONALD, GRANT T., US
[72] JOHNSON, CHAD M., US
[72] LONG, SCOTT A., US
[72] FLAMME, DAVID D., US
[72] ROBERGE, MARTIN J., CA
[72] PRICKEL, MARVIN A., US
[72] CONNORS, MICHAEL J., US
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2824414)
[87] (2824414)
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[25] EN
[54] **EMULSION CHEMISTRY AND ASSAYS FOR ENCAPSULATED DROPLETS**
[54] **CHIMIE DES EMULSIONS ET DOSAGES POUR GOUTTELETTES ENCAPSULEES**
[72] HIDDESSEN, AMY L., US
[72] HINDSON, BENJAMIN J., US
[73] BIO-RAD LABORATORIES, INC., US
[85] 2011-12-30
[86] 2011-03-02 (PCT/US2011/026901)
[87] (WO2011/109546)
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[51] **Int.Cl. B60H 1/00 (2006.01)**
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[54] **METHOD AND APPARATUS FOR OPERATING A VEHICLE HVAC SYSTEM TO PREVENT OUTPUT OF INVERSE AIRFLOW**
[54] **PROCEDE ET APPAREIL PERMETTANT D'ACTIONNER UN SYSTEME CVCA DE VEHICULE POUR EMPECHER LA PRODUCTION D'UN ECOULEMENT D'AIR INVERSE**
[72] KANEMARU, JUNICHI, US
[72] KAKIZAKI, SHINJI, US
[73] HONDA MOTOR CO., LTD., JP
[85] 2013-07-31
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[25] EN
[54] **ACQUIRING AND DISPLAYING IMAGES IN REAL-TIME**
[54] **ACQUISITION ET AFFICHAGE D'IMAGES EN TEMPS REEL**
[72] DE GROOT, ARJAN WILLEM, NL
[73] PHOTONIS NETHERLANDS B.V., NL
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[25] EN
[54] **CEFUROXIME SAFETY DELIVERY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE SECURITE DE CEFUROXIME**
[72] SCHAEFER, ROLF, CH
[73] CIS PHARMA AG, CH
[85] 2013-08-08
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[51] **Int.Cl. H04L 9/32 (2006.01) H04W 12/06 (2009.01)**
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[54] **LOCATION-AWARE SECURITY AND ACCESS SYSTEM**
[54] **SYSTEME DE SECURITE ET D'ACCES TENANT COMPTE DE LA LOCALISATION**
[72] HANNA, DAVID A., JR., US
[73] DIGITAL AUTHENTICATION TECHNOLOGIES, INC., US
[85] 2013-08-09
[86] 2011-02-26 (PCT/US2011/026393)
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[25] EN
[54] **A METHOD FOR DETERMINING TARGET OPTICAL FUNCTIONS**
[54] **PROCEDE PERMETTANT DE DETERMINER DES FONCTIONS OPTIQUES VISEES**
[72] CONTET, AUDE, FR
[72] DE ROSSI, HELENE, FR
[73] ESSILOR INTERNATIONAL, FR
[85] 2013-08-13
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[54] **AUTOMATIC GAS PURGE VALVE**
[54] **SOUPAPE DE PURGE DE GAZ AUTOMATIQUE**
[72] SHOVAL, MEIR, IL
[73] A.R.I. FLOW CONTROL ACCESSORIES LTD., IL
[85] 2013-09-04
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[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **METHOD FOR AUTHENTICATION, RF CHIP DOCUMENT, RF CHIP READER AND COMPUTER PROGRAM PRODUCTS**
[54] **PROCEDE D'AUTHENTIFICATION, DOCUMENT A PUCE RFID, LECTEUR DE PUCES RFID ET PRODUITS PROGRAMMES D'ORDINATEUR**
[72] KUGLER, DENNIS, DE
[72] BENDER, JENS, DE
[73] BUNDESREPUBLIK DEUTSCHLAND, VERTRETEN DURCH DAS BUNDESMINISTERIUM DES INNERN, VERTRETEN DURCH DAS BUNDESAMT FUR SICHERHEIT IN DER INFORMATIONSTECHNIK, DE
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[30] DE (10 2011 013 562.6) 2011-03-10

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[25] FR
[54] **INSTALLATION FOR NON-DESTRUCTIVE TESTING, BY IMMERSION ULTRASOUNDS, OF WORKPIECES**
[54] **INSTALLATION DE CONTROLE NON DESTRUCTIF, PAR ULTRASONS EN IMMERSION, DE PIECES**
[72] BESSRI, KAMAL, FR
[72] BARDOUILLET, PASCAL, FR
[72] BETTEGA, LOUIS, FR
[72] MIRVILLE, FRANCOIS JEAN-PIERRE, FR
[73] SNECMA, FR
[85] 2013-09-06
[86] 2012-03-15 (PCT/FR2012/050551)
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[25] EN
[54] **SOLUTION PROCESSED DEVICES**
[54] **DISPOSITIFS TRAITES EN SOLUTION**
[72] SIRRINGHAUS, HENNING, GB
[72] FRIEND, RICHARD, GB
[72] KAWASE, TAKEO, GB
[73] FLEXENABLE LIMITED, GB
[86] (2829416)
[87] (2829416)
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[51] **Int.Cl. C10L 1/182 (2006.01) C10L 1/16 (2006.01) C10L 10/04 (2006.01)**
[25] EN
[54] **A FUEL COMPOSITION FOR AN HCCI ENGINE**
[54] **UNE COMPOSITION DE CARBURANT DESTINEE A UN MOTEUR HCCI**
[72] PEYLA, RICHARD J., US
[72] CANNELLA, WILLIAM J., US
[73] CHEVRON U.S.A. INC., US
[85] 2013-10-11
[86] 2012-04-11 (PCT/US2012/033001)
[87] (WO2012/142079)
[30] US (61/475,544) 2011-04-14

[11] **2,835,019**
[13] C
[51] **Int.Cl. C10M 173/02 (2006.01)**
[25] EN
[54] **AMINE-FREE VOC-FREE METAL WORKING FLUID**
[54] **FLUIDE DE TRAVAIL DE METAL SANS COV SANS AMINE**
[72] ZHAO, YIXING, US
[73] CHEMETALL GMBH, DE
[85] 2013-11-04
[86] 2012-05-03 (PCT/EP2012/058086)
[87] (WO2012/152639)
[30] US (61/483,271) 2011-05-06

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[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/27 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **CITATION NETWORK VIEWER AND METHOD**
[54] **VISIONNEUSE ET PROCEDE DE RESEAU DE CITATION**
[72] ZHANG, PAUL, US
[72] KOPPAKA, LAVANYA, US
[73] LEXISNEXIS, A DIVISION OF REED ELSEVIER INC., US
[86] (2835995)
[87] (2835995)
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[51] **Int.Cl. G09B 9/14 (2006.01)**
[25] EN
[54] **DEVICE FOR THE SPATIAL MOVEMENT OF PERSONS**
[54] **DISPOSITIF DE DEPLACEMENT SPATIAL DE PERSONNES**
[72] SCHLUSSELBERGER, RICHARD, AT
[73] AMST-SYSTEMTECHNIK GMBH, AT
[85] 2013-11-21
[86] 2012-05-21 (PCT/EP2012/059364)
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[30] US (61/489,065) 2011-05-23
[30] AT (A739/2011) 2011-05-23

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[51] **Int.Cl. G08C 19/00 (2006.01) G10L 15/02 (2006.01)**
[25] EN
[54] **EVENT-TRIGGERED HANDS-FREE MULTITASKING FOR MEDIA PLAYBACK**
[54] **TRAITEMENT MULTITACHE MAINS LIBRES DECLENCHE PAR UN EVENEMENT POUR LECTURE MULTIMEDIA**
[72] BARTNIK, GRANT HENRY ROBERT, CA
[73] BLACKBERRY LIMITED, CA
[86] (2837291)
[87] (2837291)
[22] 2013-12-20
[30] US (13/747,978) 2013-01-23

[11] **2,840,764**
[13] C
[51] **Int.Cl. F41H 5/04 (2006.01)**
[25] EN
[54] **ANTI BALLISTIC ARTICLE AND METHOD OF PRODUCING SAME**
[54] **ARTICLE ANTI-BALLISTIQUE ET METHODE DE PRODUCTION ASSOCIEE**
[72] BERGMAN, RON, IL
[72] YAVIN, BENJAMIN, IL
[73] IMI SYSTEMS LTD., IL
[85] 2013-12-30
[86] 2012-06-27 (PCT/IL2012/000264)
[87] (WO2013/001529)
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[51] **Int.Cl. E21C 37/18 (2006.01) E21B 7/15 (2006.01)**
[25] EN
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[54] **FORET D'ELECTROCONCASSAGE PORTABLE**
[72] MOENY, WILLIAM, US
[73] SDG, LLC., US
[86] (2844571)
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[54] **POSITIVELY ENGAGED LATCH FOR SEAT ADJUSTER ASSEMBLY**
[54] **VERROU A PRISE POSITIVE POUR ENSEMBLE DISPOSITIF DE REGLAGE DE SIEGE**
[72] WRONG, DAVID J., CA
[72] JAGTAP, PRASAD D., US
[73] MAGNA SEATING INC., CA
[85] 2014-02-19
[86] 2012-08-22 (PCT/CA2012/000782)
[87] (WO2013/029150)
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[25] EN
[54] **AQUEOUS COMPOSITION FOR ACCELERATING SECRETION OF ALPHA-AMYLASE IN PLANT SEED GERMINATION**
[54] **COMPOSITION AQUEUSE POUR ACCELERER LA SECRETION D'ALPHA-AMYLASE DANS GERMINATION DE SEMENCES DE PLANTES**
[72] NG, DENNY, US
[73] LOVELAND PRODUCTS, INC., US
[85] 2014-02-24
[86] 2012-08-22 (PCT/US2012/051928)
[87] (WO2013/028795)
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[25] EN
[54] **QUICK ADVERTISEMENT OF A FAILURE OF A NETWORK CELLULAR ROUTER**
[54] **ANNONCE RAPIDE D'UNE DEFAILLANCE D'UN ROUTEUR CELLULAIRE DANS UN RESEAU**
[72] MAINAUD, BASTIEN, US
[73] ITRON GLOBAL SARL, US
[85] 2014-04-08
[86] 2012-01-30 (PCT/US2012/023116)
[87] (WO2013/066378)
[30] EP (11187338.6) 2011-10-31

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[25] EN
[54] **MULTIPLE PROTOCOL RECEIVER**
[54] **RECEPTEUR MULTI-PROTOCOLE**
[72] PICARD, GILLES, US
[73] ITRON GLOBAL SARL, US
[85] 2014-04-08
[86] 2012-01-27 (PCT/US2012/023017)
[87] (WO2013/058811)
[30] EP (11186210.8) 2011-10-21

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[25] EN
[54] **APPARATUS FOR THE PRETREATMENT AND SUBSEQUENT CONVEYING, PLASTIFICATION, OR AGGLOMERATION OF PLASTICS**
[54] **APPAREIL DE PRETRAITEMENT ET TRANSPORT, PLASTIFICATION OU AGGLOMERATION DE PLASTIQUE SUBSEQUENTS**
[72] FEICHTINGER, KLAUS, AT
[72] HACKL, MANFRED, AT
[73] EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H., AT
[85] 2014-04-10
[86] 2012-10-12 (PCT/AT2012/050150)
[87] (WO2013/052978)
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[25] EN
[54] **APPARATUS FOR THE PRETREATMENT AND SUBSEQUENT PLASTIFICATION OF PLASTIC MATERIAL WITH MELT FILTER**
[54] **APPAREIL DE PRETRAITEMENT ET DE PLASTIFICATION SUBSEQUENTE DE MATERIAU PLASTIQUE AU MOYEN D'UN FILTRE DE FUSION**
[72] FEICHTINGER, KLAUS, AT
[72] HACKL, MANFRED, AT
[73] EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H., AT
[85] 2014-04-10
[86] 2012-10-12 (PCT/AT2012/050157)
[87] (WO2013/052985)
[30] AT (A 1505/2011) 2011-10-14

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[25] EN
[54] **APPARATUS FOR THE PRETREATMENT AND SUBSEQUENT CONVEYING, PLASTIFICATION, OR AGGLOMERATION OF PLASTICS**
[54] **APPAREIL DE PRETRAITEMENT ET DE TRANSPORT, PLASTIFICATION OU AGGLOMERATION SUBSEQUENT DE PLASTIQUES**
[72] FEICHTINGER, KLAUS, AT
[72] HACKL, MANFRED, AT
[73] EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H., AT
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[86] 2012-10-12 (PCT/AT2012/050151)
[87] (WO2013/052979)
[30] AT (A 1508/2011) 2011-10-14

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[25] EN
[54] **FENCING BRACKET SYSTEM**
[54] **SYSTEME DE SUPPORT DE CLOTURE**
[72] RUSSO, DANIEL, US
[73] BARRETTE OUTDOOR LIVING, INC., US
[86] (2852725)
[87] (2852725)
[22] 2014-05-30
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[51] **Int.Cl. G06Q 50/10 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR EXPERIENCE-SHARING WITHIN A COMPUTER NETWORK**
[54] **SYSTEME ET PROCEDE DE PARTAGE D'EXPERIENCE DANS UN RESEAU INFORMATIQUE**
[72] MCEVILLY, BRADFORD ALEXANDER, US
[72] GUTKIN, MICHAEL SCOTT, US
[73] PHOTOPON, INC., US
[85] 2014-04-30
[86] 2012-11-02 (PCT/US2012/063350)
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[30] US (61/554,634) 2011-11-02

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[25] EN
[54] **PAIN RELIEF COMPOSITIONS, COMPRISING A TRPV1 SELECTIVE AGONIST, AND MANUFACTURE AND USES THEREOF**
[54] **COMPOSITIONS DE SOULAGEMENT DE LA DOULEUR RENFERMANT UN AGONISTE SELECTIF TRPV1, ET FABRICATION ET UTILISATIONS ASSOCIEES**
[72] BUCKS, DANIEL, US
[72] BIRBARA, PHILIP J., US
[73] VIZURI HEALTH SCIENCES LLC, US
[85] 2014-03-07
[86] 2012-09-10 (PCT/US2012/054511)
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[30] US (61/533,120) 2011-09-09
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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/444 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **1H-PYRAZOLO[3,4-B]PYRIDINES AND THERAPEUTIC USES THEREOF**
[54] **1H-PYRAZOLO[3,4-B]PYRIDINES ET LEURS UTILISATIONS THERAPEUTIQUES**
[72] HOOD, JOHN, US
[72] KC, SUNIL KUMAR, US
[72] WALLACE, DAVID MARK, US
[73] SAMUMED, LLC, US
[85] 2014-04-30
[86] 2013-05-03 (PCT/US2013/039484)
[87] (WO2013/166396)
[30] US (61/642,915) 2012-05-04

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[51] **Int.Cl. H01B 7/29 (2006.01) H01B 7/295 (2006.01)**
[25] EN
[54] **CABLE COMPONENT WITH NON-FLAMMABLE MATERIAL**
[54] **ELEMENT DE CABLE EN MATERIAU IGNIFUGE**
[72] GOULD, ROBERT S., US
[72] FAUSZ, DAVID M., US
[72] CAMP, DAVID P., II, US
[72] BROWN, SCOTT M., US
[72] SKOCYPEC, BRIAN P., US
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[54] **COLD ROLLED STEEL SHEET AND METHOD FOR PRODUCING COLD ROLLED STEEL SHEET**
[54] **TOLE D'ACIER LAMINEE A FROID ET PROCEDE DE PRODUCTION D'UNE TOLE D'ACIER LAMINEE A FROID**
[72] NONAKA, TOSHIKI, JP
[72] KATO, SATOSHI, JP
[72] KAWASAKI, KAORU, JP
[72] TOMOKIYO, TOSHIMASA, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **LOAD ESTIMATION SYSTEM FOR AERODYNAMIC STRUCTURES**
[54] **SYSTEME D'ESTIMATION DE LA CHARGE POUR STRUCTURES AERODYNAMIQUES**
[72] LONG, KIM CHENMING, US
[73] THE BOEING COMPANY, US
[86] (2862382)
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[54] **TRAFFIC LOAD AND TRANSMISSION RETRY MANAGEMENT**
[54] **GESTION DE CHARGE DE TRAFIC ET DE RETRANSMISSION DE TRANSMISSION**
[72] NGUYEN, VIET-HUNG, US
[72] VAN WYK, HARTMAN, US
[73] ITRON GLOBAL SARL, US
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[54] **HYBRID ACCESS PROTOCOL FOR NETWORK NODES**
[54] **PROTOCOLE D'ACCES HYBRIDE POUR NOEUDS DE RESEAU**
[72] NGUYEN, VIET-HUNG, US
[72] MAINAUD, BASTIEN, US
[73] ITRON GLOBAL SARL, US
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[86] 2012-04-19 (PCT/US2012/034273)
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[54] **METHOD AND DEVICE FOR SEPARATING GASES**
[54] **PROCEDE ET DISPOSITIF POUR LA SEPARATION DE GAZ**
[72] HEIRMAN, PETER JOZEF, BE
[73] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
[85] 2014-08-13
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[54] **CATALYSEUR DE DEMETALLISATION DE RESIDUS EXTRUDES**
[72] DUMA, VIOREL, US
[72] WOODS, MATTHEW, US
[73] ADVANCED REFINING TECHNOLOGIES LLC, US
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[25] EN
[54] **ANALYSIS OF DRILLSTRING DYNAMICS USING ANGULAR AND LINEAR MOTION DATA FROM MULTIPLE ACCELEROMETER PAIRS**
[54] **ANALYSE DE LA DYNAMIQUE D'UN TRAIN DE TIGES DE FORAGE UTILISANT DES DONNEES DE MOUVEMENT LINEAIRES ET ANGULAIRES A PARTIR DE MULTIPLES PAIRES D'ACCELEROMETRES**
[72] MAULDIN, CHARLES L., US
[72] HILL, JACOB, US
[72] LINES, LIAM, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **DATA COMMUNICATIONS NETWORK FOR AN AIRCRAFT**
[54] **RESEAU DE COMMUNICATION DE DONNEES POUR UN AERONEF**
[72] BOBREK, PAVLO, US
[73] GE AVIATION SYSTEMS LLC, US
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[87] (2867216)
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[54] **METHOD AND DEVICE FOR ALIGNMENT OF AN OPTICAL IMAGING SYSTEM**
[54] **PROCEDE ET DISPOSITIF POUR ALIGNEMENT D'UN SYSTEME D'IMAGERIE OPTIQUE**
[72] SCHMID, STEFAN, DE
[73] WAVELIGHT GMBH, DE
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[87] (2869381)
[22] 2014-10-31
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[54] **ELECTRONIC CIGARETTE WITH SEALED CARTRIDGE**
[54] **CIGARETTE ELECTRONIQUE AYANT UNE CARTOUCHE SCELLEE**
[72] HON, LIK, CN
[73] FONTEM HOLDINGS 1 B.V., NL
[85] 2014-10-15
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[54] **SYSTEM AND METHOD FOR RESERVOIR SIMULATION USING ON-DEMAND DATA**
[54] **SYSTEME ET PROCEDE DE SIMULATION DE RESERVOIR AU MOYEN DE DONNEES A LA DEMANDE**
[72] KUMAR, AMIT, US
[72] RANJAN, PRIYESH, US
[73] LANDMARK GRAPHICS CORPORATION, US
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[25] FR
[54] **MUTATION OF THE PARKIN GENE, COMPOSITIONS, METHODS AND USES**
[54] **MUTATIONS DU GENE DE LA PARKINE, COMPOSITIONS, METHODES ET UTILISATIONS**
[72] BRICE, ALEXIS, FR
[72] LUCKING, CHRISTOPHE, FR
[72] ABBAS, NACER EDDINE, FR
[72] DENEFLE, PATRICE, FR
[72] RICARD, SYLVAIN, FR
[72] BOULEY, SANDRINE, FR
[73] AVENTIS PHARMA S.A., FR
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[54] **MULTIPLE METER DETECTION AND PROCESSING USING MOTION DATA**
[54] **DETECTION DE DISPOSITIFS DE MESURE MULTIPLES ET TRAITEMENT ASSOCIE AU MOYEN DE DONNEES DE MOUVEMENT**
[72] JAIN, ANAND, US
[72] STAVROPOULOS, JOHN, US
[72] NEUHAUSER, ALAN, US
[72] LYNCH, WENDELL, US
[72] KUZNETSOV, VLADIMIR, US
[72] CRYSTAL, JACK, US
[73] THE NIELSEN COMPANY (US), LLC, US
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[25] EN
[54] **METHOD FOR COMPENSATING FIBRE-OPTIC MEASURING SYSTEMS AND FIBRE-OPTIC MEASURING SYSTEM**
[54] **PROCEDE DE COMPENSATION DE SYSTEMES DE MESURE A FIBRES OPTIQUES ET SYSTEME DE MESURE A FIBRES OPTIQUES**
[72] BUCK, THORBJORN, DE
[72] HOFFMANN, LARS, DE
[72] MULLER, MATHIAS, DE
[72] WOJTECH, ROLF, DE
[73] TECHNISCHE UNIVERSITAT MUNCHEN, DE
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[25] EN
[54] **ROTATING FLOW CONTROL DIVERTER HAVING DUAL STRIPPER ELEMENTS**
[54] **DEFLECTEUR ROTATIF DE REGLAGE DE DEBIT AYANT DES ELEMENTS RACLEURS DOUBLES**
[72] BOYD, MICHAEL, CA
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **DEVICE FOR CONTACTING A CIRCUIT BOARD**
[54] **DISPOSITIF DE CONNEXION ELECTRIQUE D'UN CIRCUIT IMPRIME**
[72] RAHBERGER, MANFRED, AT
[72] TATZEL, FRANK, AT
[72] THIES, STEFFEN, AT
[72] NEUHAUSER, ROLAND, DE
[72] OBERHAUSER, TOBIAS, DE
[72] SCHUTT, HAUKE, DE
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
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[54] **SYSTEMS AND METHODS FOR TREATMENT OF PERFORATOR VEINS FOR VENOUS INSUFFICIENCY**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT DE VEINES PERFORANTES EN CAS D'INSUFFISANCE VENEUSE**
[72] MADSEN, MONTE, US
[72] LICHTY, ROBERT C., II, US
[72] CHOI, BRUCE, US
[73] COVIDIEN LP, US
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[25] EN
[54] **METHOD FOR MEASURING BREATH ALCOHOL CONCENTRATION AND APPARATUS THEREFOR**
[54] **PROCEDE DE MESURE DE LA CONCENTRATION EN ALCOOL DE L'AIR EXPIRE ET APPAREIL CORRESPONDANT**
[72] EVANS, NIGEL, GB
[72] WALLINGTON, LEIGH, GB
[73] ALCO SYSTEMS SWEDEN AB, SE
[85] 2014-12-15
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[51] **Int.Cl. E21B 7/06 (2006.01) E21B 7/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING INCREMENTAL PROGRESSION BETWEEN SURVEY POINTS WHILE DRILLING**
[54] **SYSTEME ET METHODE DE DETERMINATION DE LA PROGRESSION INCREMENTIELLE ENTRE DES POINTS DE LEVE PENDANT LE FORAGE**
[72] BENSON, TODD W., US
[72] CHEN, TEDDY C., US
[73] MOTIVE DRILLING TECHNOLOGIES, INC., US
[85] 2014-12-22
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[51] **Int.Cl. C03B 37/022 (2006.01) C03B 5/235 (2006.01) F23D 14/22 (2006.01)**
[25] EN
[54] **PROCESS OF USING A SUBMERGED COMBUSTION MELTER TO PRODUCE HOLLOW GLASS FIBER OR SOLID GLASS FIBER HAVING ENTRAINED BUBBLES, AND BURNERS AND SYSTEMS TO MAKE SUCH FIBERS**
[54] **PROCEDE D'UTILISATION D'UN POT DE FUSION POUR COMBUSTION IMMERGEE POUR FABRIQUER UNE FIBRE DE VERRE CREUSE OU UNE FIBRE DE VERRE PLEINE AYANT DES BULLES ENTRAINEES, ET BRULEURS ET SYSTEMES POUR FABRIQUER DE TELLES FIBRES**
[72] CHARBONNEAU, MARK WILLIAM, US
[72] MCHUGH, KEVIN PATRICK, US
[73] JOHNS MANVILLE, US
[85] 2014-12-30
[86] 2013-06-25 (PCT/US2013/047677)
[87] (WO2014/008046)
[30] US (13/540,771) 2012-07-03

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[51] **Int.Cl. H04L 12/28 (2006.01)**
[25] EN
[54] **MULTI-MEDIA MULTI-MODULATION AND MULTI-DATA RATE MESH NETWORK**
[54] **PROCEDE MULTI-MODULATION MULTIMEDIA ET RESEAU MAILLE A DEBITS DE DONNEES MULTIPLES**
[72] VAN WYK, HARTMAN, FR
[72] BUFFINGTON, JOHN, US
[73] ITRON GLOBAL SARL, US
[85] 2015-02-05
[86] 2012-10-09 (PCT/US2012/059389)
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[25] EN
[54] **METHODS OF PROCESSING POTASSIUM SULFATE AND MAGNESIUM SULFATE, AND RELATED SYSTEMS**
[54] **PROCEDES DE TRAITEMENT DE SULFATE DE POTASSIUM ET DE SULFATE DE MAGNESIUM, ET SYSTEMES ASSOCIES**
[72] CHASTAIN, STEVEN L., US
[72] MORRISON, MICHAEL J., US
[72] CHASTAIN, RICHARD W., US
[72] FELTON, DONIAL M., US
[72] NEUMAN, THOMAS H., US
[73] INTERCONTINENTAL POTASH CORPORATION, US
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[86] 2013-09-10 (PCT/US2013/059040)
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[51] **Int.Cl. A61H 31/00 (2006.01)**
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[54] **CPR ASSIST DEVICE WITH PRESSURE BLADDER FEEDBACK**
[54] **APPAREIL D'AIDE A LA REANIMATION CARDIO-PULMONAIRE MUNI D'UN REGULATEUR A VESSIE SOUS PRESSION**
[72] SHERMAN, DARREN R., US
[72] MOLLENAUER, KENNETH H., US
[73] ZOLL CIRCULATION, INC., US
[86] (2883929)
[87] (2883929)
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[25] EN
[54] **RESERVOIR-CAGE SUBMERSION SYSTEM FOR THE CULTURE AND/OR CONTAINMENT OF HYDROBIOLOGICAL SPECIES**
[54] **SYSTEME D'IMMERSION D'UN RADEAU-CAGE DESTINE A LA CULTURE ET/OU AU CONFINEMENT D'ESPECES HYDROBIOLOGIQUES**
[72] SANCHEZ RACCARO, RODRIGO, CL
[72] BUSCHMANN SCHILMER, WALTER, CL
[73] ECOSEA FARMING S.A., CL
[73] SANCHEZ RACCARO, RODRIGO, CL
[73] BUSCHMANN SCHILMER, WALTER, CL
[85] 2015-03-03
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[25] EN
[54] **AIR POLLUTION CONTROL SYSTEM AND AIR POLLUTION CONTROL METHOD**
[54] **SYSTEME DE TRAITEMENT DE GAZ D'ECHAPPEMENT ET PROCEDE**
[72] OISHI, TSUYOSHI, JP
[72] TANAKA, HIROSHI, JP
[72] NAGAYASU, HIROMITSU, JP
[72] HIRATA, TAKUYA, JP
[72] KAJIYA, YOSHINORI, JP
[72] NOBORISATO, TOMOKI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **LOCKING ELECTRICAL SOCKET**
[54] **PRISE ELECTRIQUE VERROUILLABLE**
[72] JIAN, HU, CN
[73] JIAN, HU, CN
[86] (2889872)
[87] (2889872)
[22] 2015-04-30
[30] US (14/699247) 2015-04-29

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[25] EN
[54] **BIOMASS FRACTIONATION PROCESS FOR BIOPRODUCTS**
[54] **PROCEDE DE FRACTIONNEMENT DE BIOMASSE POUR L'OBTENTION DE BIOPRODUITS**
[72] YUAN, ZHIRUN, CA
[72] BROWNE, THOMAS CARL, CA
[72] ZHANG, XIAO, US
[73] FPINNOVATIONS, CA
[73] FPINNOVATIONS, CA
[86] (2891055)
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[25] EN
[54] **PASSIVE DOUBLE DRIVE MEMBER ACTIVATED SAFETY BLOOD COLLECTION DEVICE**
[54] **DISPOSITIF DE COLLECTE DE SANG A SURETE ACTIVEE PAR UN DOUBLE ELEMENT D'ENTRAINEMENT PASSIF**
[72] WILKINSON, BRADLEY M., US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2015-05-13
[86] 2012-11-16 (PCT/US2012/065472)
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[25] EN
[54] **TOUCH SCREEN FOR A BEVERAGE DISPENSING SYSTEM**
[54] **ECRAN TACTILE POUR UN SYSTEME DE DISTRIBUTION DE BOISSON**
[72] HERNANDEZ, GEORGE E., US
[72] HONG, JEREMIAH A., US
[73] LANCER CORPORATION, US
[85] 2015-05-22
[86] 2013-12-17 (PCT/US2013/075612)
[87] (WO2014/105511)
[30] US (61/848,216) 2012-12-27
[30] US (14/107,136) 2013-12-16

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[51] **Int.Cl. G02B 6/38 (2006.01) G02B 6/36 (2006.01)**
[25] EN
[54] **FIBER OPTIC TERMINATION ARRANGEMENT AND METHOD OF MAKING THE SAME**
[54] **AGENCEMENT DE TERMINAISON DE FIBRE OPTIQUE ET SON PROCEDE DE FABRICATION**
[72] CHILDERS, BROOKS A., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-06-04
[86] 2013-11-08 (PCT/US2013/069143)
[87] (WO2014/092900)
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[51] **Int.Cl. A61K 39/40 (2006.01) A61P 31/04 (2006.01) C07K 16/12 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **POLYCLONAL ANTIBODIES AGAINST CLOSTRIDIUM DIFFICILE AND USES THEREOF**
[54] **ANTICORPS POLYCLONAUX CONTRE LE CLOSTRIDIUM DIFFICILE ET LEURS UTILISATIONS**
[72] MAITI, PRADIP K., CA
[73] IMMUNIMED INC, CA
[86] (2895217)
[87] (2895217)
[22] 2015-06-22
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[51] **Int.Cl. B63B 35/03 (2006.01) F16L 1/16 (2006.01) F16L 1/235 (2006.01)**
[25] EN
[54] **UNDERSEA PIPE-LAYING**
[54] **POSE DE CONDUITES SOUS-MARINES**
[72] BIANCHI, STEFANO, IT
[73] SAIPEM S.P.A., IT
[86] (2895258)
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[22] 2008-03-06
[62] 2,679,311
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[51] **Int.Cl. G06F 17/30 (2006.01) G06F 15/16 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR USING A RECURSIVE EVENT LISTENER ON A NODE IN HIERARCHICAL DATA STRUCTURE**
[54] **PROCEDE ET SYSTEME D'UTILISATION D'UN ECOUTEUR D'EVENEMENT RECURSIF SUR UN N□UD DANS UNE STRUCTURE DE DONNEES HIERARCHIQUE**
[72] LIU, PHILLIP, US
[72] KATHURIA, VISHAL, US
[73] FACEBOOK, INC., US
[85] 2015-06-29
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[87] (WO2014/116527)
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[54] **A SYSTEM FOR REGULATING THE OUTPUT OF A HIGH-VOLTAGE, HIGH-POWER, DC SUPPLY**
[54] **SYSTEME POUR REGULER LA SORTIE D'UNE ALIMENTATION A COURANT CONTINU (CC), A HAUTE TENSION, A PUISSANCE ELEVEE**
[72] GAUDREAU, MARCEL PIERRE JOSEPH, US
[72] BUTLER, NEAL R., US
[72] ROTH, IAN SAUL, US
[72] KEMPKES, MICHAEL ALAN, US
[73] DIVERSIFIED TECHNOLOGIES, INC., US
[85] 2015-07-03
[86] 2013-09-11 (PCT/US2013/059145)
[87] (WO2014/113077)
[30] US (13/744,729) 2013-01-18

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[25] EN
[54] **ENDOSCOPE, PARTICULARLY FOR MINIMALLY INVASIVE SURGERY**
[54] **ENDOSCOPE, NOTAMMENT POUR LA CHIRURGIE MINI-INVASIVE**
[72] FEUSSNER, HUBERTUS, DE
[72] SCHICK, ANTON, DE
[72] RENTSCHLER, PETER, DE
[72] WISSMANN, PATRICK, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-07-17
[86] 2013-11-29 (PCT/EP2013/075042)
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[51] **Int.Cl. G01B 11/30 (2006.01) G01B 11/16 (2006.01)**
[25] EN
[54] **DEFORMATION DETECTION TOOL & METHOD FOR DETECTING DEFORMATION**
[54] **OUTIL DE DETECTION DE DEFORMATION ET PROCEDE POUR DETECTER UNE DEFORMATION**
[72] GREEN, CHRIS, GB
[72] GREEN, KAY, GB
[73] MESSIER-DOWTY LIMITED, GB
[85] 2015-07-30
[86] 2014-02-04 (PCT/GB2014/050302)
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[30] GB (1301918.7) 2013-02-04

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[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 10/06 (2012.01) G05B 15/02 (2006.01)**
[25] EN
[54] **ASSET PERFORMANCE OPTIMIZATION**
[54] **OPTIMISATION DU RENDEMENT D'ACTIFS**
[72] CHAMBERS, GREGORY L., US
[72] VAN METER, KENNETH, US
[72] SMITH, EDWARD M., US
[72] GOLDEN, PATRICK T., US
[73] ECOVA, INC., US
[86] (2901292)
[87] (2901292)
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[30] US (60/757,446) 2006-01-09
[30] US (11/619,838) 2007-01-04

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[25] EN
[54] **PROCESSING BIOMASS BY IRRADIATION**
[54] **TRAITEMENT DE BIOMASSE PAR IRRADIATION**
[72] MEDOFF, MARSHALL, US
[73] XYLECO, INC., US
[86] (2902350)
[87] (2902350)
[22] 2009-04-28
[62] 2,722,601
[30] US (61/049,404) 2008-04-30
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[51] **Int.Cl. F16J 13/06 (2006.01) F16J 15/10 (2006.01)**
[25] EN
[54] **PRESSURE VESSEL LID QUICK CLOSURE SYSTEM**
[54] **MECANISME DE FERMETURE RAPIDE DE COUVERCLE DE RECIPIENT SOUS PRESSION**
[72] HOBBS, GORDON B., CA
[73] HOBBS, GORDON B., CA
[86] (2904063)
[87] (2904063)
[22] 2015-09-16

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[54] **LIQUID-LIQUID EXTRACTOR**
[54] **EXTRACTEUR LIQUIDE-LIQUIDE**
[72] BAMBARA, CHARLES J., US
[73] THE CHEM-PRO GROUP LLC, US
[85] 2015-09-11
[86] 2014-03-10 (PCT/US2014/022474)
[87] (WO2014/164456)
[30] US (13/796,801) 2013-03-12

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[25] EN
[54] **FLUID MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE FLUIDE**
[72] WILLIAMS, JEFFREY B., US
[72] CARR, DOUGLAS L., US
[73] THERMEDX, LLC, US
[85] 2015-09-11
[86] 2014-03-11 (PCT/US2014/023130)
[87] (WO2014/164655)
[30] US (13/798,414) 2013-03-13

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[51] **Int.Cl. A61F 2/00 (2006.01) A61B 17/00 (2006.01) A61F 2/02 (2006.01)**
[25] EN
[54] **PELVIC IMPLANT AND DELIVERY SYSTEM**
[54] **IMPLANT PELVIEN, ET SYSTEME DE DELIVRANCE**
[72] CRAWFORD, SCOTT, US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
[86] (2906243)
[87] (2906243)
[22] 2009-08-05
[62] 2,733,139
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[51] **Int.Cl. B27L 11/00 (2006.01)**
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[54] **MOBILE WOOD CHIPPER**
[54] **DECHIQUETEUSE DE BOIS MOBILE**
[72] FINNEY, RICHARD WALTER, US
[73] FINNEY, RICHARD WALTER, US
[85] 2015-09-15
[86] 2014-03-11 (PCT/US2014/023636)
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[25] EN
[54] **A HARDENABLE TWO PART ACRYLIC COMPOSITION**
[54] **COMPOSITIONS ACRYLIQUES DURCISSABLES EN DEUX PARTIES**
[72] CHISHOLM, MICHAEL STEPHEN, GB
[72] MCDONALD, DAVID, GB
[72] ABED-ALI, SERA SAHEB, GB
[73] LUCITE INTERNATIONAL SPECIALITY POLYMERS AND RESINS LIMITED, GB
[86] (2908131)
[87] (2908131)
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[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **SKIN DIAGNOSTIC AND IMAGE PROCESSING METHODS**
[54] **PROCEDES DE DIAGNOSTIC DE PEAU ET DE TRAITEMENT D'IMAGE**
[72] CUMMINS, PHILLIP, US
[72] VANDEROVER, GARRETT W., US
[72] JORGENSEN, LISE W., CN
[72] ADAMS, DAVID M., US
[73] ELC MANAGEMENT LLC, US
[85] 2015-10-02
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[87] (WO2014/168679)
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[51] **Int.Cl. A47C 23/06 (2006.01)**
[25] EN
[54] **IMPROVED MATTRESS FOUNDATIONS, KITS, AND RELATED METHODS**
[54] **SUPPORTS DE MATELAS AMELIORES, TROUSSES ET METHODES ASSOCIEES**
[72] HARTLEY, RICKY L., US
[73] HARTLEY, RICKY L., US
[86] (2912909)
[87] (2912909)
[22] 2015-11-20
[30] US (62/082,423) 2014-11-20

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[51] **Int.Cl. G06T 9/00 (2006.01)**
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[54] **METHOD OF GENERATING RECONSTRUCTED BLOCK**
[54] **PROCEDE DE GENERATION DE BLOC RECONSTRUIT**
[72] OH, SOO MI, KR
[72] YANG, MOONOCK, SG
[73] INFOBRIDGE PTE. LTD., SG
[86] (2913566)
[87] (2913566)
[22] 2012-11-02
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[51] **Int.Cl. D21C 1/00 (2006.01)**
[25] EN
[54] **PAPER PRODUCTS AND METHODS AND SYSTEMS FOR MANUFACTURING SUCH PRODUCTS**
[54] **PRODUITS DE PAPIER ET PROCEDES ET SYSTEMES DE FABRICATION DE CES PRODUITS**
[72] MEDOFF, MARSHALL, US
[73] XYLECO, INC., US
[86] (2914001)
[87] (2914001)
[22] 2009-04-28
[62] 2,820,962
[30] US (61/049,391) 2008-04-30
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[51] **Int.Cl. A61B 17/04 (2006.01)**
[25] EN
[54] **SUTURE PASSER AND METHOD OF OPERATING SAME**
[54] **PASSEUR DE SUTURE ET SON PROCEDE DE FONCTIONNEMENT**
[72] HAINES, JOSHUA, US
[72] KAMEL, AMRO, US
[72] FENG, BRIAN, US
[72] MELSHEIMER, JEFF, US
[73] COOK MEDICAL TECHNOLOGIES LLC, US
[85] 2015-12-03
[86] 2014-06-25 (PCT/US2014/044058)
[87] (WO2015/009419)
[30] US (61/846,106) 2013-07-15

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[51] **Int.Cl. F01D 19/00 (2006.01) H02M 1/40 (2007.01) H02K 11/21 (2016.01) F02C 7/268 (2006.01) F02N 11/04 (2006.01) H02K 16/00 (2006.01) H02P 9/00 (2006.01) H02P 31/00 (2006.01)**
[25] EN
[54] **AIRCRAFT ENGINE STARTER/GENERATOR AND CONTROLLER**
[54] **GENE-DEMARREUR DE MOTEUR D'AVION ET CONTROLEUR CORRESPONDANT**
[72] HUANG, HAO, US
[72] KARIPIDES, DAVID, US
[72] ABBAS, MOHAMED, US
[72] TSUI, DAVID, US
[73] GE AVIATION SYSTEMS LLC, US
[86] (2915144)
[87] (2915144)
[22] 2007-03-23
[62] 2,646,041
[30] US (60/785,363) 2006-03-24
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[13] C
[51] **Int.Cl. F25B 7/00 (2006.01) F25B 9/00 (2006.01) F25B 30/00 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A HEAT PUMP ARRANGEMENT, AND HEAT PUMP ARRANGEMENT**
[54] **PROCEDE DE FONCTIONNEMENT D'UN ENSEMBLE POMPE A CHALEUR ET ENSEMBLE POMPE A CHALEUR**
[72] GROMOLL, BERND, DE
[72] REISSNER, FLORIAN, DE
[72] SCHAFER, JOCHEN, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-12-11
[86] 2014-06-04 (PCT/EP2014/061528)
[87] (WO2014/198593)
[30] DE (10 2013 211 087.1) 2013-06-14

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[13] C
[51] **Int.Cl. A61C 5/42 (2017.01) A61C 5/48 (2017.01)**
[25] EN
[54] **ENDO FILE FOR DENTAL ENDODONTIC TREATMENT**
[54] **ENDOFOREUSE POUR TRAITEMENT DENTAIRE ENDODONTIQUE**
[72] KIM, HYEONG WOO, KR
[72] KIM, GYUN HWAN, KR
[72] KIM, SUN YOUNG, KR
[73] KIM, HYEONG WOO, KR
[73] KIM, GYUN HWAN, KR
[73] KIM, SUN YOUNG, KR
[85] 2015-12-11
[86] 2013-08-01 (PCT/KR2013/006971)
[87] (WO2014/200146)
[30] KR (10-2013-0068299) 2013-06-14
[30] KR (10-2013-0090285) 2013-07-30

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[13] C
[51] **Int.Cl. F25C 1/00 (2006.01) F25C 1/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRODUCING BLOCK ICE TREATED WITH NITROGEN SUBSTITUTION**
[54] **SYSTEME ET METHODE DE PRODUCTION DE GLACE EN BLOC TRAITEE AVEC UN SUBSTITUT AZOTE**
[72] WAKAYAMA, TOSHITSUGI, JP
[73] SHOWA FREEZING PLANT CO., LTD., JP
[86] (2915485)
[87] (2915485)
[22] 2015-12-17
[30] JP (2015-098972) 2015-05-14

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[51] **Int.Cl. G06F 9/50 (2006.01) G06Q 10/06 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **MANAGING CLIENT ACCESS TO A PLURALITY OF COMPUTING SYSTEMS**
[54] **GESTION D'ACCES D'UN CLIENT A UNE PLURALITE DE SYSTEMES INFORMATIQUES**
[72] PARAKH, VISHAL, US
[72] KANAWATI, ANTOUN JOUBRAN, US
[72] CHAKRAVARTHY, DIWAKAR, US
[72] KARNIK, MUKUL VIJAY, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2015-12-18
[86] 2014-06-24 (PCT/US2014/043941)
[87] (WO2014/210054)
[30] US (13/927,929) 2013-06-26
[30] US (13/927,933) 2013-06-26
[30] US (13/927,892) 2013-06-26
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[13] C
[51] **Int.Cl. G06Q 10/06 (2012.01) G06F 9/50 (2006.01)**
[25] EN
[54] **PRODUCER SYSTEM PARTITIONING AMONG LEASING AGENT SYSTEMS**
[54] **PARTITIONNEMENT DU SYSTEME D'UN FABRICANT ENTRE DES SYSTEMES D'AGENTS DE LOCATION**
[72] PARAKH, VISHAL, US
[72] VINCENT, PRADEEP, US
[72] DICKINSON, ANDREW BRUCE, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2015-12-18
[86] 2014-06-24 (PCT/US2014/043946)
[87] (WO2014/210058)
[30] US (13/927,929) 2013-06-26
[30] US (13/927,892) 2013-06-26
[30] US (13/927,933) 2013-06-26
[30] US (13/927,995) 2013-06-26

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[13] C
[51] **Int.Cl. C21D 9/08 (2006.01) C21D 1/09 (2006.01)**
[25] EN
[54] **INDUCTOR FOR SINGLE-SHOT INDUCTION HEATING OF COMPLEX WORKPIECES**
[54] **INDUCTANCE POUR UN CHAUFFAGE PAR INDUCTION A TIR UNIQUE DE PIECES A TRAVAILLER COMPLEXES**
[72] WEST, WILLIAM D., US
[72] RUDNEV, VALERY I., US
[73] INDUCTOHEAT, INC., US
[85] 2015-12-18
[86] 2014-06-17 (PCT/US2014/042743)
[87] (WO2014/204963)
[30] US (61/838,249) 2013-06-22

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[13] C
[51] **Int.Cl. E21B 43/12 (2006.01) G01V 1/40 (2006.01) G01V 1/48 (2006.01)**
[25] EN
[54] **METHOD FOR MONITORING A FLOW USING DISTRIBUTED ACOUSTIC SENSING**
[54] **PROCEDE PERMETTANT DE SURVEILLER UN ECOULEMENT A L'AIDE D'UNE DETECTION ACOUSTIQUE DISTRIBUEE**
[72] LEE, ERIK N., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-12-22
[86] 2014-07-23 (PCT/US2014/047792)
[87] (WO2015/026468)
[30] US (61/869,346) 2013-08-23

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[51] **Int.Cl. E05B 65/462 (2017.01)**
[25] EN
[54] **CABINET GANG LOCK SYSTEM FOR ELECTRICALLY LOCKABLE SLIDES**
[54] **SYSTEME DE VERROUILLAGE COLLECTIF D'ARMOIRE POUR GLISSIERES VERROUILLABLES ELECTRIQUEMENT**
[72] MILLIGAN, CHARLES A., US
[73] ACCURIDE INTERNATIONAL INC., US
[85] 2015-12-30
[86] 2014-08-04 (PCT/US2014/049645)
[87] (WO2015/017864)
[30] US (61/861,839) 2013-08-02

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[51] **Int.Cl. F25D 17/02 (2006.01) B64D 13/06 (2006.01)**
[25] EN
[54] **AIRCRAFT GALLEY AIR CHILLER SYSTEM**
[54] **SYSTEME DE REFROIDISSEUR D'AIR D'OFFICE D'AVION**
[72] GODECKER, WILLIAM J., US
[72] LU, QIAO, US
[72] TRUMPER, TORTSTEN, DE
[73] B/E AEROSPACE, INC., US
[85] 2015-12-31
[86] 2014-07-02 (PCT/US2014/045279)
[87] (WO2015/003073)
[30] US (61/842,805) 2013-07-03
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[51] **Int.Cl. F15B 15/08 (2006.01) F15B 15/14 (2006.01)**
[25] EN
[54] **HYDRAULIC ADJUSTING DEVICE**
[54] **DISPOSITIF DE REGLAGE HYDRAULIQUE**
[72] HAGELE, KARL, DE
[72] LECHLER, MARKUS, DE
[73] HAGELE GMBH, DE
[85] 2016-01-05
[86] 2014-08-25 (PCT/EP2014/002315)
[87] (WO2015/028136)
[30] DE (10 2013 014 033.1) 2013-08-26

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[51] **Int.Cl. A47F 5/11 (2006.01) A47F 5/00 (2006.01) B65D 73/00 (2006.01) G09F 5/04 (2006.01)**
[25] EN
[54] **MERCHANDISING DISPLAY DEVICE AND METHOD**
[54] **DISPOSITIF DE PRESENTATION DE PRODUITS ET PROCEDE ASSOCIE**
[72] COLLIER, PAUL, GB
[72] BRERETON, ANDY, GB
[73] KRAFT FOODS R & D, INC., US
[85] 2016-01-06
[86] 2014-06-03 (PCT/IB2014/001099)
[87] (WO2015/004513)
[30] GB (1312290.8) 2013-07-09

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[51] **Int.Cl. C09D 151/00 (2006.01) C08F 265/02 (2006.01) C08F 275/00 (2006.01)**
[25] EN
[54] **COATING COMPOSITIONS WITH IMPROVED ADHESION TO CONTAINERS**
[54] **COMPOSITIONS DE REVETEMENT PRESENTANT UNE ADHERENCE AMELIOREE A DES CONTENANTS**
[72] SINGER, DEBRA L., US
[72] DUDIK, JOHN M., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2016-01-05
[86] 2014-07-10 (PCT/US2014/046069)
[87] (WO2015/006522)
[30] US (13/939,222) 2013-07-11

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[13] C
[51] **Int.Cl. C07D 413/12 (2006.01) C07D 413/10 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING FLUOXASTROBIN**
[54] **PROCEDE DE PREPARATION DE FLUOXASTROBINE**
[72] PRASAD, VIC, US
[72] HINDUPUR, RAMA MOHAN, IN
[72] MANE, AVINASH SHESHRAO, IN
[72] BALAKRISHNAN, SANKAR, IN
[72] PAWAR, JIVAN DHANRAJ, IN
[72] MADDANI, MAHAGUNDAPPA RACHAPPA, IN
[72] WADHWA, SANDEEP, GB
[73] ARYSTA LIFESCIENCE CORPORATION, JP
[85] 2016-01-07
[86] 2014-07-07 (PCT/US2014/045556)
[87] (WO2015/006203)
[30] US (61/843,656) 2013-07-08

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[13] C
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[25] EN
[54] **METHOD FOR DETECTING ABNORMAL SOUND AND METHOD FOR JUDGING ABNORMALITY IN STRUCTURE BY USE OF DETECTED VALUE THEREOF, AND METHOD FOR DETECTING SIMILARITY BETWEEN OSCILLATION WAVESAND METHOD FOR RECOGNIZING VOICE BY USE OF DETECTED VALUE THEREOF**
[54] **METHODE DE DETECTION D'UN SON ANORMAL ET METHODE DE JUGEMENT DE L'ANOMALIE DANS UNE STRUCTURE AU MOYEN D'UNE VALEUR DETECTEE ASSOCIEE, ET METHODE DE DETECTION DE SIMILARITE ENTRE LES ONDES OSCILLANTES ET METHODES DE RECONNAISSANCE VOCALE AU MOYEN DE LA VALEUR DETECTEE ASSOCIEE**
[72] JINNAI, MICHIHIRO, JP
[72] AKASHI, YUKIO, JP
[72] HASHIMOTO, KAZUAKI, JP
[72] HAYASHI, SHOGO, JP
[73] WEST NIPPON EXPRESSWAY ENGINEERING SHIKOKU COMPANY LIMITED, JP
[73] JINNAI, MICHIHIRO, JP
[86] (2918533)
[87] (2918533)
[22] 2016-01-21
[30] JP (2015-018596) 2015-02-02

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[13] C
[51] **Int.Cl. A01H 6/54 (2018.01) C12N 15/113 (2010.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 15/29 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **IMPROVED YIELD AND STRESS TOLERANCE IN TRANSGENIC PLANTS WITH OVEREXPRESSING POLYPEPTIDES COMPRISING A B-BOX ZINC-FINGER DOMAIN**
[54] **RENDEMENT ET TOLERANCE AU STRESS AMELIORES DANS LES PLANTES TRANSGENIQUES AVEC POLYPEPTIDES DE SUREXPRESSION COMPRENANT UN DOMAINE EN DOIGT DE ZINC DE BOITE B**
[72] CREELMAN, ROBERT, US
[72] GUTTERSON, NEAL I., US
[72] RATCLIFFE, OLIVER J., US
[72] REUBER, T. LYNNE, US
[72] CERNY, R. ERIC, US
[72] DUFF, KIMBERLY FAYE ZOBRIST, US
[72] KJEMTRUP-LOVELACE, SUSANNE, US
[72] MEISTER, ROBERT, US
[72] PETRACEK, MARIE, US
[72] RUFF, THOMAS, US
[72] XU, QINGZHANG, US
[73] MENDEL BIOTECHNOLOGY, INC., US
[73] MONSANTO COMPANY, US
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[25] EN
[54] **APPARATUS AND METHOD FOR LOW DELAY OBJECT METADATA CODING**
[54] **APPAREIL ET PROCEDE POUR LE CODAGE DE METADONNEES D'OBJET A FAIBLE RETARD**
[72] BORSS, CHRISTIAN, DE
[72] ERTEL, CHRISTIAN, DE
[72] HILPERT, JOHANNES, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[30] EP (EP13177365) 2013-07-22
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[54] **METHOD AND SYSTEM FOR MODELING BLOOD FLOW WITH BOUNDARY CONDITIONS FOR OPTIMIZED DIAGNOSTIC PERFORMANCE**
[54] **PROCEDE ET SYSTEME DE MODELISATION D'ECOULEMENT DE SANG AVEC CONDITIONS AUX LIMITES POUR PERFORMANCES DE DIAGNOSTIC OPTIMISEES**
[72] FONTE, TIMOTHY A., US
[72] TAYLOR, CHARLES A., US
[72] KIM, HYUN JIN, US
[72] KHEM, SOPHIE, US
[73] HEARTFLOW, INC., US
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[54] **CONCRETE COATINGS AND COMPOSITIONS THAT ABSORB CARBON DIOXIDE**
[54] **REVETEMENTS DE BETON ET COMPOSITIONS ABSORBANT LE DIOXYDE DE CARBONE**
[72] DRY, CAROLYN, US
[73] DRY, CAROLYN, US
[86] (2919918)
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[30] US (62/125,813) 2015-02-02
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[54] **A CONNECTOR ASSEMBLY FOR A PANEL MOUNTING SYSTEM**
[54] **UN DISPOSITIF CONNECTEUR DESTINE A UN SYSTEME D'INSTALLATION DE PANNEAU**
[72] BORKAR, TUSHAR YADUNATH, IN
[72] KUBSAD, VINAYA, IN
[73] APPLETON GRP LLC, US
[86] (2920095)
[87] (2920095)
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[54] **INFLATOR WITH REACTIVE TIRE PRESSURE MONITORING**
[54] **GONFLEUR AVEC CONTROLE DE PRESSION DE PNEU REACTIF**
[72] LAWSON, LAWRENCE, J., US
[72] CLARK, BARRY, A., US
[73] ANDROID INDUSTRIES LLC, US
[85] 2016-02-01
[86] 2014-08-08 (PCT/US2014/050359)
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[25] EN
[54] **PROCESSED CAULIFLOWER AND CAULIFLOWER PROCESSING METHOD**
[54] **CHOU-FLEUR TRAITE ET METHODE DE TRAITEMENT DE CHOU-FLEUR**
[72] LEMONS, KEL EUGENE, US
[72] STEPIEN, BRIAN, US
[73] GROWERS EXPRESS, LLC, US
[86] (2920209)
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[30] US (62/152,867) 2015-04-25
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[54] **FUEL IGNITER ASSEMBLY HAVING HEAT-DISSIPATING ELEMENT AND METHODS OF USING SAME**
[54] **ENSEMBLE ALLUMEUR DE CARBURANT POSSEDANT UN ELEMENT DE DISSIPATION DE CHALEUR ET SES PROCEDES D'UTILISATION**
[72] MARTINEZ FABRE, RAUL ARROYO, MX
[72] MARTINEZ CERVANTES, JUAN HUMBERTO, MX
[72] GUTIERREZ ESPINOSA, RICARDO ARTURO, MX
[72] BENKABBOU, HICHAM, US
[73] UNISON INDUSTRIES, LLC, US
[85] 2016-02-04
[86] 2014-07-24 (PCT/US2014/048016)
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[25] EN
[54] **CERAMIC MATRIX COMPOSITE ARTICLES AND METHODS FOR FORMING SAME**
[54] **ARTICLES COMPOSITES A MATRICE DE CERAMIQUE ET PROCEDES DE FORMAGE DESDITS ARTICLES**
[72] STEIBEL, JAMES DALE, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2920513)
[87] (2920513)
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[54] **SIMULATION SERVER CAPABLE OF INTERACTING WITH A PLURALITY OF SIMULATORS TO PERFORM A PLURALITY OF SIMULATIONS**
[54] **SERVEUR DE SIMULATION CAPABLE D'INTERAGIR AVEC UNE PLURALITE DE SIMULATEURS EN VUE D'EXECUTER UNE PLURALITE DE SIMULATIONS**
[72] DELISLE, JEAN-FRANCOIS, CA
[73] CAE INC, CA
[86] (2920913)
[87] (2920913)
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[51] **Int.Cl. B25C 1/00 (2006.01) B25C 1/04 (2006.01)**
[25] EN
[54] **FASTENER-DRIVING TOOL INCLUDING A REVERSION TRIGGER**
[54] **OUTIL A ENFONCER DES ATTACHES INCLUANT UNE GACHETTE D'INVERSION**
[72] MOORE, STEPHEN P., US
[72] WEINGER, MURRAY Z., US
[72] BIRK, DANIEL J., US
[72] ZHAO, HANXIN, US
[72] SEGURA, RICARDO, US
[72] FRANCIS, RYAN L., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2016-02-11
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[54] **METHOD OF EVALUATING A PART**
[54] **METHODE D'EVALUATION D'UNE PIECE**
[72] KESSIE, ANDREW SCOTT, US
[72] CARPENTER, JOHN SHERRILL, US
[72] MALETTA, PAUL ANTHONY, US
[72] ESCOBAR, OSCAR ERNESTO, US
[72] BLOMGREN, KYLE DEAN, US
[72] MAGGARD, DANIEL JOHN, US
[72] CLEMENTS, BRIAN RUSSELL, US
[72] ELIAS, TOMAS EDUARDO, US
[73] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. F28F 1/00 (2006.01) F28F 1/12 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER FOR A GAS TURBINE ENGINE**
[54] **ECHANGEUR DE CHALEUR POUR TURBINE A GAZ**
[72] RAMBO, JEFFREY DOUGLAS, US
[72] GERSTLER, WILLIAM DWIGHT, US
[72] KOSTKA, JAMES MICHAEL, US
[72] MOORES, JOHN WILLIAM, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2923955)
[87] (2923955)
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[30] US (14/666,389) 2015-03-24

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[54] **TOOL FEED SYSTEM FOR USE WITH A ROTATING MACHINING DEVICE**
[54] **SYSTEME D'ALIMENTATION D'OUTIL POUR DISPOSITIF D'USINAGE ROTATIF**
[72] WALTON, JOEL, US
[72] HOANG, VINH, US
[72] TRIPP, JUSTIN, US
[72] FEROZEPURWALLA, ASHKAN, US
[73] TRI TOOL INC., US
[85] 2016-04-14
[86] 2014-10-16 (PCT/US2014/060912)
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[51] **Int.Cl. A61M 16/06 (2006.01) A61M 16/08 (2006.01)**
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[54] **NASAL INTERFACE DEVICE**
[54] **DISPOSITIF D'INTERFACE NASALE**
[72] TERO, ROBERT, US
[73] TERO, ROBERT, US
[86] (2927820)
[87] (2927820)
[22] 2010-02-04
[62] 2,751,485
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[51] **Int.Cl. H01Q 3/24 (2006.01) H01Q 9/04 (2006.01) H01Q 19/10 (2006.01) H01Q 21/06 (2006.01) H01Q 25/00 (2006.01)**
[25] EN
[54] **COMPACT, MULTI-PORT, MIMO ANTENNA WITH HIGH PORT ISOLATION AND LOW PATTERN CORRELATION AND METHOD OF MAKING SAME**
[54] **ANTENNE MIMO COMPACTE MULTIPORT A FORTE ISOLATION DES PORTS ET FAIBLE CORRELATION DES DIAGRAMMES, ET SON PROCEDE DE FABRICATION**
[72] BIT-BABIK, GIORGI,, US
[72] FARAONE, ANTONIO,, US
[73] SYMBOL TECHNOLOGIES, LLC, US
[85] 2016-04-21
[86] 2014-10-24 (PCT/US2014/062162)
[87] (WO2015/069473)
[30] US (14/073,177) 2013-11-06

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[51] **Int.Cl. G06K 19/02 (2006.01)**
[25] EN
[54] **MULTI-METAL LAYERED CARD**
[54] **CARTE MULTICOUCHE POLYMETALLIQUE**
[72] MOSTELLER, BARRY, US
[73] CPI CARD GROUP-COLORADO, INC., US
[85] 2016-04-22
[86] 2014-10-23 (PCT/US2014/062040)
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[54] **PILE COMPRISING A SUBSTANTIALLY CYLINDRICAL SHAFT**
[54] **PIEUX COMPORTANT UNE TIGE SUBSTANTIELLEMENT CYLINDRIQUE**
[72] SATLOW, ROLAND, AT
[73] TIROLER ROHRE GMBH, AT
[86] (2929079)
[87] (2929079)
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[51] **Int.Cl. E21B 10/42 (2006.01) E21B 10/46 (2006.01) E21B 10/62 (2006.01)**
[25] EN
[54] **FIBER-REINFORCED TOOLS FOR DOWNHOLE USE**
[54] **OUTILS RENFORCES PAR DES FIBRES DESTINES A ETRE UTILISES EN FOND DE TROU**
[72] COOK, GRANT O., III, US
[72] OLSEN, GARRETT T., US
[72] VOGLEWEDE, DANIEL BRENDAN, US
[72] THOMAS, JEFFREY G., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-02
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[25] EN
[54] **MAYTANSINOID-ANTIBODY CONJUGATE COMPOSITIONS**
[54] **COMPOSITIONS D'ANTICORPS CONJUGUES A UN MAYTANSINOIDE**
[72] ZHANG, WEI, US
[72] FLEMING, MICHAEL, US
[72] CHIH, HUNG-WEI, US
[72] AMPHLETT, GODFREY, US
[73] IMMUNOGEN, INC., US
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[87] (2930485)
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[51] **Int.Cl. E21B 7/08 (2006.01) E21B 10/42 (2006.01) E21B 10/62 (2006.01)**
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[54] **LOWER MILL SPACED CUTTING RING STRUCTURE**
[54] **STRUCTURE DE ZONE DE TAILLAGE ESPACEE DE MEULE INTERIEURE**
[72] STOWE, CALVIN J., US
[72] GHEGADMAL, TEJAS J., US
[72] PONDER, ANDREW D., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-05-26
[86] 2014-12-03 (PCT/US2014/068397)
[87] (WO2015/084974)
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[51] **Int.Cl. G06F 15/16 (2006.01)**
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[54] **UPLOADING AND TRANSCODING MEDIA FILES**
[54] **TELECHARGEMENT ET TRANSCODAGE DE FICHIERS MULTIMEDIA**
[72] KRIEGER, MICHEL, US
[72] SWEENEY, SHAYNE MIKEL, US
[72] HUNT, PETER WILLIAM, US
[72] SHORTWAY, NICHOLAS PATRICK, US
[72] BRANSON, RICHARD WILLIAM, US
[72] KARPENKO, ALEXANDRE, US
[72] CHEN, CHEN, US
[72] DELIEGE, FRANCOIS CLAUDE FABIEN JEAN JULES, US
[73] FACEBOOK, INC., US
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[86] 2013-12-13 (PCT/US2013/075031)
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[51] **Int.Cl. E06C 1/22 (2006.01) E06C 1/30 (2006.01) E06C 1/38 (2006.01)**
[25] EN
[54] **STEPLADDER ADAPTED FOR USE AS A SINGLE LADDER OR AN EXTENSION LADDER**
[54] **ESCABEAU ADAPTE POUR ETRE UTILISE COMME ECHELLE OU COMME RALLONGE D'ECHELLE**
[72] TAMEZ REYES, FRANCISCO JAVIER, US
[73] LOUISVILLE LADDER INC., US
[86] (2932305)
[87] (2932305)
[22] 2016-06-06
[30] US (14/935,637) 2015-11-09

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[51] **Int.Cl. E02D 29/14 (2006.01)**
[25] EN
[54] **FASTENING SYSTEM ALLOWING COMPONENT REMOVAL AFTER FASTENER SYSTEM FAILURE**
[54] **MECANISME DE FIXATION PERMETTANT LE RETRAIT D'UNE COMPOSANTE APRES LA DEFAILLANCE DU MECANISME DE FIXATION**
[72] LEMACKS, MICHAEL A., US
[73] CHANNELL COMMERCIAL CORPORATION, US
[86] (2932633)
[87] (2932633)
[22] 2016-06-10
[30] US (62/194,716) 2015-07-20
[30] US (15/176,078) 2016-06-07

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[51] **Int.Cl. E21B 47/002 (2012.01) G01N 21/01 (2006.01)**
[25] EN
[54] **SPLICABLE FIBER OPTIC SENSING SYSTEM, METHOD OF MAKING SAME AND TAPE FOR SENSE TRANSMISSIVELY LOCKING AN OPTICAL FIBER**
[54] **SYSTEME DE DETECTION A FIBRE OPTIQUE APTE A L'EPISSURAGE, PROCEDE DE FABRICATION CONNEXE ET RUBAN POUR BLOCAGE DE TRANSMISSION DE DETECTION D'UNE FIBRE OPTIQUE**
[72] STOESZ, CARL W., US
[72] CHILDERS, BROOKS A., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-06-08
[86] 2014-12-19 (PCT/US2014/071495)
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[25] EN
[54] **FLUIDIC PIG LAUNCHER AND METHOD OF ITS USE**
[54] **LANCEUR DE PISTON RACLEUR FLUIDIQUE ET METHODE D'UTILISATION ASSOCIEE**
[72] POE, ROGER, US
[72] SMITH, WOODY, US
[72] MITCHELL, JOSHUA D., US
[73] TDW DELAWARE, INC., US
[86] (2933533)
[87] (2933533)
[22] 2016-06-17
[30] US (62/180,873) 2015-06-17
[30] US (15/185,140) 2016-06-17

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[51] **Int.Cl. E21B 43/26 (2006.01) C09K 8/50 (2006.01) E21B 33/13 (2006.01) E21B 33/138 (2006.01) E21B 43/114 (2006.01)**
[25] EN
[54] **WELL COMPLETION**
[54] **COMPLETION DE PUITS**
[72] FERGUSON, ANDREW M., US
[72] LOVING, STANLEY W., US
[72] SCHULTZ, ROGER L., US
[72] BRITTON, MARK S., US
[72] WATSON, BROCK W., US
[73] THRU TUBING SOLUTIONS, INC., US
[85] 2016-06-10
[86] 2015-11-12 (PCT/US2015/060280)
[87] (WO2016/081263)
[30] US (62/082,299) 2014-11-20
[30] US (62/103,786) 2015-01-15
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[51] **Int.Cl. B01D 27/08 (2006.01) B01D 27/10 (2006.01)**
[25] EN
[54] **FILTRATION SYSTEM**
[54] **SYSTEME DE FILTRATION**
[72] SHERMAN, MICHAEL J., US
[72] BARDWELL, DAVID T., US
[72] FOIX, LORI, US
[72] WILSON, STEVEN KARL, US
[72] HAEHN, STEVEN J., US
[72] KLIMPEL, ERIK ROBERT, US
[72] BOYER LARSON, JAMES, US
[72] HUDA, STEPHEN, US
[72] FISHER, DAVID WILLIAM, US
[72] BRIGANO, FRANK A., US
[73] KX TECHNOLOGIES, LLC, US
[86] (2934055)
[87] (2934055)
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[51] **Int.Cl. H05K 7/14 (2006.01) F16B 5/06 (2006.01)**
[25] EN
[54] **FITTING ELEMENT FOR FITTING TO A CIRCUIT BOARD AS WELL AS FITTING DEVICE AND METHOD FOR SPACED CONNECTION OF CIRCUIT BOARDS WITH SUCH A FITTING ELEMENT**
[54] **ELEMENT DE RACCORD DESTINE AU RACCORDEMENT D'UNE CARTE DE CIRCUITS IMPRIMES AINSI QU'UN DISPOSITIF DE RACCORDEMENT ET UNE METHODE DE RACCORDEMENT ESPACE DES CARTES DE CIRCUITS IMPRIMES AU MOYEN D'UN TEL ELEMENT**
[72] BRODBECK, MICHA, DE
[72] KLINGLER, STEFAN, DE
[72] KUBLER, DANIEL, DE
[73] WURTH ELEKTRONIK EISOS GMBH & CO. KG, DE
[85] 2016-07-05
[86] 2015-11-04 (PCT/EP2015/075713)
[87] (WO2016/075012)
[30] DE (10 2014 222 951.0) 2014-11-11

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[13] C
[51] **Int.Cl. G06F 8/20 (2018.01) G06Q 10/06 (2012.01)**
[25] EN
[54] **INTEGRATED DESIGN APPLICATION**
[54] **APPLICATION INTEGREE DE CONCEPTION**
[72] TUNG, TERESA, US
[72] LE, DANA, US
[72] VERMA, KUNAL, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2937017)
[87] (2937017)
[22] 2009-10-02
[62] 2,680,978
[30] US (12/247,927) 2008-10-08

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[51] **Int.Cl. F16K 17/06 (2006.01)**
[25] EN
[54] **RELIEF VALVE**
[54] **SOUPAPE DE DECHARGE**
[72] OGAWA, TAKAYUKI, JP
[73] KYB CORPORATION, JP
[85] 2016-07-15
[86] 2015-02-13 (PCT/JP2015/054009)
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[30] JP (2014-060373) 2014-03-24

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[51] **Int.Cl. A47G 23/00 (2006.01) A47G 19/30 (2006.01) A47G 35/00 (2006.01)**
[25] EN
[54] **ARTIFICIAL TREE AS FRUIT BASKET**
[54] **ARBRE ARTIFICIEL COMME CORBEILLE A FRUITS**
[72] WANG, GUOQING, CA
[73] WANG, GUOQING, CA
[86] (2937477)
[87] (2937477)
[22] 2016-08-01

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[51] **Int.Cl. A01N 43/40 (2006.01) A01P 3/00 (2006.01) A01P 7/04 (2006.01) A61K 31/4439 (2006.01) A61P 33/14 (2006.01)**
[25] EN
[54] **PESTICIDAL COMPOSITION COMPRISING ANTHRANILAMIDE OR A SALT THEREOF AND ANOTHER PESTICIDE**
[54] **COMPOSITION PESTICIDE RENFERMANT DE L'ANTHRANILAMIDE OU UN DE SES SELS ET UN AUTRE PESTICIDE**
[72] KOYANAGI, TORU, JP
[72] MORITA, MASAYUKI, JP
[72] YONEDA, TETSUO, JP
[72] UEDA, TSUYOSHI, JP
[72] KIRIYAMA, KAZUHISA, JP
[72] HAMAMOTO, TAKU, JP
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[54] **REACTEUR ET PROCEDE DE PRODUCTION DE POLYSILICIUM GRANULAIRE**
[72] WECKESSER, DIRK, DE
[73] WACKER CHEMIE AG, DE
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[73] PRYTIME MEDICAL DEVICES, INC., US
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[54] **EQUIPEMENT DE REFRIGERATION DE VEHICULE POSSEDANT UN SYSTEME DE REJET DE CHALEUR DE LIQUIDE**
[72] LU, QIAO, US
[72] GODECKER, WILLIAM J., US
[73] B/E AEROSPACE, INC., US
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[54] **AERONEF EQUIPE D'UN MOTEUR ARRIERE**
[72] BECKER, THOMAS LEE, US
[72] MURROW, KURT DAVID, US
[72] YAO, JIXIAN, US
[72] MARRINAN, PATRICK MICHAEL, US
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[54] **SYSTEME DE FILTRE D'HYDRATATION SOUS PRESSION**
[72] ROBERT, JAY, US
[73] PLANO MOLDING COMPANY, US
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[54] **COMPOSITIONS DE FLUIDES CALOPORTEURS**
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[73] SIGMA ENERGY STORAGE INC., CA
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[73] SYNERMORE BIOLOGICS CO., LTD., TW
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[54] **AMELIORATION DE LA QUALITE DE LA MOUSSE DE SABLES BITUMINEUX PAR MELANGE PAR GRANDE FORCE DE CISAILLEMENT**
[72] CASTELLANOS DUARTE, DIANE Y., US
[72] CULLINANE, JOHN T., US
[72] MARR, MICHAEL A., CA
[72] SAKUHUNI, GIVEMORE, CA
[72] BOHRA, LALIT K., US
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[72] SPEIRS, BRIAN C., CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
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[54] **BRAKING SYSTEM FOR TOWED VEHICLES**
[54] **MECANISME DE FREINAGE POUR VEHICULE REMORQUE**
[72] GERBRANDT, SCOTT, CA
[72] JAGOW, SCOT, CA
[73] BOURGAULT INDUSTRIES LTD., CA
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[54] **OPTIMIZED SYNCHRONIZATION PROCEDURE FOR PROLONGED PERIODS OF SLEEP**
[54] **PROCEDURE DE SYNCHRONISATION OPTIMISEE POUR DES PERIODES PROLONGEES DE VEILLE**
[72] DAS, SAJAL KUMAR, IN
[72] BALLAKUR, RAVITEJ, IN
[72] JOHANSSON, NICKLAS, SE
[72] SAMUELSSON, MATS, SE
[72] DIACHINA, JOHN WALTER, US
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **THREE-DIMENSIONAL SHAPING METHOD**
[54] **METHODE DE FACONNAGE TRIDIMENSIONNEL**
[72] AMAYA, KOUICHI, JP
[72] ISHIMOTO, KOUSUKE, JP
[73] MATSUURA MACHINERY CORPORATION, JP
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[54] **METHOD AND APPARATUS FOR STABILIZING THE THICKNESS OF AN OPTICAL CHANNEL FOR EXTENDED PRESSURE ENVIRONMENT**
[54] **PROCEDE ET APPAREIL CONCUS POUR STABILISER L'EPAISSEUR D'UN CANAL OPTIQUE DANS UN ENVIRONNEMENT AYANT UNE PRESSION TRES ELEVEE**
[72] HOWARD, PAUL L., US
[72] TUCKER, JOHN E., US
[72] REINTJES, JOHN F., US
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[54] **POMPE ET LAVE-VAISSELLE LA COMPRENANT**
[72] LEE, SANGSOO, KR
[72] KIM, MYOUNGJONG, KR
[72] LEE, JONGMIN, KR
[72] CHOI, YONGJIN, KR
[72] KIM, MINCHUL, KR
[72] PARK, JINSEOK, KR
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[73] LG ELECTRONICS INC., KR
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[54] **DISPOSITIF DE MESURE DE CONTOUR DE CARCASSE DE POULET, PROCEDE DE MESURE DE CONTOUR ET DISPOSITIF DE DESOSSAGE DE CARCASSE DE POULET**
[72] INOUE, NORIYUKI, JP
[72] HANE, SHINJI, JP
[72] OKA, KENICHI, JP
[72] TAKANASHI, KOJI, JP
[72] TOYODA, NAOKI, JP
[72] SAKURAYAMA, HIROYUKI, JP
[72] TAKAHASHI, NORIYUKI, JP
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[54] **MODULE DE DETECTION ELECTROCHIMIQUE**
[72] PRESS, EFREM, US
[72] LINDGREN, JON, US
[72] PRESS, JORDAN, US
[73] ATLAS SCIENTIFIC LLC, US
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[25] EN
[54] **VIDEO REPLAY SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE RELECTURE DE FICHIERS VIDEO**
[72] CAVE, JOHN EDWARD, US
[72] CHAN, ARVIN Z., US
[73] NFL ENTERPRISES LLC, US
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[54] **FLEXIBLE ENDOSCOPE SYSTEM AND FUNCTIONALITY**
[54] **SYSTEME ET FONCTIONNALITE D'ENDOSCOPE SOUPLE**
[72] TERLIUC, GAD, IS
[72] LURIA, GILAD, IL
[72] SHAFRAN, OHAD, IL
[73] SMART MEDICAL SYSTEMS LTD., IL
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[54] **TREATED OIL SAND WASTE FOR USE IN CEMENTITIOUS MATERIALS FOR GEOTECHNICAL APPLICATIONS**
[54] **DECHETS SOLIDES D'HUILE TRAITEE DESTINES AUX MATERIAUX CIMENTEUX SERVANT AUX APPLICATIONS GEOTECHNIQUES**
[72] EL NAGGAR, MOHAMED HESHAM, CA
[72] SOLIMAN, AHMED, CA
[72] ABOUTABIKH, MOUSTAFA, CA
[72] KASSEM, MAHMOUD, CA
[72] MNEINA, AHMED, CA
[73] THE UNIVERSITY OF WESTERN ONTARIO, CA
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[54] **RAIL TOP ATTACHMENT CLIP AND METHOD**
[54] **PINCE DE FIXATION DE HAUT DE RAIL ET METHODE**
[72] DESALLE, MICHAEL M., US
[72] SCHNEIDER, CHRISTOPHER M., US
[72] DIXON, WAYNE E., US
[72] REED, RANDALL L., US
[73] BARRETTE OUTDOOR LIVING, INC., US
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[54] **VIDEO STABILIZATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE STABILISATION DE VIDEO**
[72] KUCHNIO, PIOTR, CA
[72] LEITCH, SAM ANTHONY, CA
[72] JAMIESON, CHRISTOPHER THOMAS, CA
[72] DUMONT, GUILLAUME, CA
[72] CHEVALIER, CLAUDE, CA
[72] ST-LAURENT, LOUIS, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-05-19
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[54] **CYTIDINE DERIVATIVE DIMERS AND APPLICATIONS THEREOF**
[54] **DIMERES DERIVES DE CYTIDINE ET APPLICATIONS ASSOCIEES**
[72] YANG, DARIA, CN
[72] WANG, HAIDONG, CN
[72] WANG, HUIJUAN, CN
[73] INNER MONGOLIA PUYIN PHARMACEUTICAL CO., LTD., CN
[73] CHANGZHOU FANGYUAN PHARMACEUTICAL CO., LTD., CN
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[25] EN
[54] **UNIVERSAL AND RAPID COVERING SYSTEM**
[54] **SYSTEME DE PROTECTION UNIVERSEL ET RAPIDE**
[72] PISAPIA, ANTONIO, IT
[73] PISAPIA, ANTONIO, IT
[85] 2017-07-14
[86] 2016-01-12 (PCT/IT2016/000006)
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[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING AN EFFECTIVE TEST DATA SET FOR TESTING BIG DATA APPLICATIONS**
[54] **SYSTEME ET PROCEDE DE GENERATION D'UN ENSEMBLE EFFICACE DE DONNEES DE TEST POUR TESTER DES APPLICATIONS DE MEGADONNEES**
[72] LI, NAN, US
[72] ESCALONA, ANTHONY, US
[73] MEDIDATA SOLUTIONS, INC., US
[85] 2017-08-17
[86] 2016-02-15 (PCT/US2016/017981)
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March 25, 2018 to March 31, 2018

Demandes canadiennes mises à la disponibilité du public

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[54] **SECHOIR DE VETEMENTS DE SPORT**
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[72] UNKNOWN, ZZ
[71] MALLEN, FRANK, CA
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[54] **SYSTEME DE NETTOYAGE DE FILTRE INTEGRE DE DEPOUSSIEREUR**
[72] BERIAULT, JEAN-SEBASTIEN J. S. B., CA
[71] BERIAULT, JEAN-SEBASTIEN J. S. B., CA
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[54] **EXTERNAL SEAL FOR ISOLATING AN ELBOW FITTING**
[54] **JOINT EXTERNE DESTINE A ISOLER UN RACCORD COUDE**
[72] MAZUR, IVAN, CA
[71] MAZUR, IVAN, CA
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[54] **CONTENANT ISOLE A CHAUFFAGE PAR INDUCTION**
[72] GODDARD, ARON L., CA
[71] GODDARD, ARON L., CA
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[51] **Int.Cl. A47F 5/04 (2006.01) A47F 7/19 (2006.01)**
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[54] **UN SUPPORT DE PRESENTOIR**
[72] WINIKOFF, ROBERT, CA
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[54] **AUTOMATIC PROVISIONING OF SERVICES TO NETWORK-CONNECTED DEVICES**
[54] **APPROVISIONNEMENT AUTOMATIQUE DE SERVICE AUX DISPOSITIFS CONNECTES A UN RESEAU**
[72] CHOW, ARTHUR CARROLL, CA
[72] CHAN, PAUL MON-WAH, CA
[72] HALDENBY, PERRY AARON JONES, CA
[72] JETHWA, RAKESH THOMAS, CA
[72] LAW, EDDIE CHEUK LONG, CA
[72] LEE, JOHN JONG SUK, CA
[72] MCCANN, STEPHEN JOHN, CA
[71] THE TORONTO-DOMINION BANK, CA
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[54] **CALECONS BOXERS**
[72] NG, ORIYA, CA
[71] NG, ORIYA, CA
[22] 2016-09-27
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[25] EN
[54] **SEAL ASSEMBLY FOR SEALING A SPACE BETWEEN A HOUSING AND A COMPONENT AGAINST ENTRY OF A LIQUID MEDIUM**
[54] **ASSEMBLAGE DE JOINT SERVANT A ETANCHEISER UN ESPACE ENTRE UN LOGEMENT ET UNE COMPOSANTE CONTRE L'ENTREE D'UN MILIEU LIQUIDE**
[72] BAUMANN, MICHAEL, DE
[72] KOGLER, CHRISTIAN, AT
[71] AKTIEBOLAGET SKF, SE
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[54] **DEVICE-LEVEL AUTHENTICATION WITH UNIQUE DEVICE IDENTIFIERS**
[54] **AUTHENTIFICATION AU NIVEAU DU DISPOSITIF A IDENTIFIANTS DE DISPOSITIF UNIQUES**
[72] RAMATCHANDIRANE, NADARADJANE, US
[71] CONFIA SYSTEMS, INC., US
[22] 2016-09-26
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[25] EN
[54] **ROTAMETER DIGITIZER PATENT**
[54] **BREVET DE NUMERISEUR DE ROTAMETRE**
[72] GUNTHORPE, GARY E., CA
[72] GUNTHORPE, LOGAN S., CA
[72] PARK, GEORGE E., CA
[71] GUNTHORPE, GARY E., CA
[22] 2016-09-28
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[54] **AUTOMATIC SAP EXTRACTOR WITH INTELLIGENT CONTROLLER**
[54] **EXTRACTEUR DE SEVE AUTOMATIQUE AVEC CONTROLEUR INTELLIGENT**
[72] BIZIER, CLAUDE, CA
[71] BIZIER, CLAUDE, CA
[22] 2016-09-28
[41] 2018-03-28

[21] **2,943,314**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01)**
[25] EN
[54] **PRODUCTION OF HYDROCARBON USING DIRECT-CONTACT STEAM GENERATION**
[54] **PRODUCTION D'HYDROCARBURE PAR GENERATION DE VAPEUR EN CONTACT DIRECT**
[72] ACOSTA-RAMIREZ, HUGO, CA
[72] PUGSLEY, TODD, CA
[71] SUNCOR ENERGY INC., CA
[22] 2016-09-28
[41] 2018-03-28

[21] **2,943,328**
[13] A1
[51] **Int.Cl. C07K 16/00 (2006.01) A61K 39/395 (2006.01) C07K 1/02 (2006.01) C07K 1/34 (2006.01) C12N 7/06 (2006.01)**
[25] EN
[54] **METHOD FOR THE PREPARATION OF IMMUNOGLOBULINS**
[54] **METHODE DE PREPARATION D'IMMUNOGLOBULINES**
[72] RISTOL DEBART, PERE, ES
[72] GRANCHA GAMON, SALVADOR, ES
[72] JORQUERA NIETO, JUAN IGNACIO, ES
[72] FARO TOMAS, MARIA MERCEDES, ES
[72] JORBA GRIFOLS, NURIA, ES
[71] INSTITUTO GRIFOLS, S.A., ES
[22] 2016-09-26
[41] 2018-03-26

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[13] A1
[51] **Int.Cl. H04N 7/18 (2006.01) H04N 21/234 (2011.01) B64D 47/08 (2006.01)**
[25] EN
[54] **AIRCRAFT CAMERA VIEWING SYSTEM**
[54] **SYSTEME DE VISIONNEMENT D'UNE CAMERA D'AERONEF**
[72] DE BOER, DYLAN, CA
[72] DE BOER, ANTHONY, CA
[71] DE BOER, DYLAN, CA
[71] DE BOER, ANTHONY, CA
[22] 2016-09-29
[41] 2018-03-29

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[13] A1
[51] **Int.Cl. B23Q 1/44 (2006.01) B23Q 1/26 (2006.01) G05B 19/418 (2006.01) H02G 5/00 (2006.01) H02K 41/02 (2006.01)**
[25] EN
[54] **CONCURRENT-MANUFACTURING-ROTATING-FRAMEWORK**
[54] **STRUCTURE DE ROTATION DE FABRICATION CONCURRENTE**
[72] MCGRATH, PAUL S., CA
[71] MCGRATH, PAUL S., CA
[22] 2016-09-29
[41] 2018-03-29

[21] **2,943,562**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 20/20 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **REAL TIME VIRTUAL DRAFT SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE PROPOSITION VIRTUELLE EN TEMPS REEL**
[72] MCDONALD, IAN JAMES, CA
[72] MCPHEE, ADAM DOUGLAS, CA
[72] HALDENBY, PERRY AARON JONES, CA
[72] CHAN, PAUL MON-WAH, CA
[72] LEE, JOHN JONG SUK, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2016-09-29
[41] 2018-03-28
[30] US (15/278,852) 2016-09-28

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[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 20/20 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **PROCESSING NETWORK ARCHITECTURE WITH COMPANION DATABASE**
[54] **TRAITEMENT D'ARCHITECTURE RESEAU AU MOYEN D'UNE BASE DE DONNEES ASSOCIEE**
[72] CHAN, PAUL MON-WAH, CA
[72] HALDENBY, PERRY AARON JONES, CA
[72] LEE, JOHN JONG SUK, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2016-09-29
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[30] US (15/277,640) 2016-09-27

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[13] A1
[51] **Int.Cl. G06Q 40/02 (2012.01) G06F 21/31 (2013.01) G07F 19/00 (2006.01) H04L 29/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROCESSING AN INTERACTION REQUEST**
[54] **SYSTEME ET METHODE DE TRAITEMENT D'UNE REQUETE D'INTERACTION**
[72] D'AGOSTINO, DINO PAUL, CA
[72] JETHWA, RAKESH THOMAS, CA
[72] CHAN, PAUL MON-WAH, CA
[72] LEE, JOHN JONG SUK, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2016-09-30
[41] 2018-03-30

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[13] A1
[51] **Int.Cl. A47J 27/16 (2006.01) A47J 27/04 (2006.01)**
[25] EN
[54] **A KIND OF STEAM-HEATING FOOD-COOKING POT**
[54] **UN GENRE DE POT DE CUISSON D'ALIMENT PAR CHAUFFAGE A LA VAPEUR**
[72] SHENG, XIAOQING, CA
[71] SHENG, XIAOQING, CA
[22] 2016-09-30
[41] 2018-03-30

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[13] A1
[51] **Int.Cl. F28F 1/40 (2006.01) F28D 7/00 (2006.01)**
[25] EN
[54] **LIQUID-GAS HEAT EXCHANGER FOR USE IN A HEAT EXCHANGE SYSTEM USING SOLAR ENERGY**
[54] **ECHANGEUR DE CHALEUR LIQUIDE-GAZ DESTINE A UN SYSTEME D'ECHANGEUR DE CHALEUR EMPLOYANT L'ENERGIE SOLAIRE**
[72] SAVARD, GILLES, CA
[71] SAVARD, GILLES, CA
[22] 2016-09-30
[41] 2018-03-30

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[21] **2,943,739**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G09F 9/30 (2006.01) G09G 3/20 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DIGITAL BILLBOARD ADVERSTISING**
[54] **SYSTEME ET METHODE DESTINES A LA PUBLICITE NUMERIQUE SUR PANNEAU-RECLAME**
[72] BODNARIUC, FLORINEL DUMITRU, CA
[72] DOMENIQUE LENG-MARINI, ALISHA, CA
[71] BODNARIUC, FLORINEL DUMITRU, CA
[22] 2016-09-30
[41] 2018-03-30

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[13] A1
[51] **Int.Cl. G09F 21/04 (2006.01) B62D 33/023 (2006.01)**
[25] EN
[54] **DISPLAY HOLDER AND COMBINATION OF DISPLAY HOLDER AND DISPLAY FOR USE ON A TAILGATE OF A TRUCK**
[54] **SUPPORT DE PRESENTATION ET COMBINAISON DE SUPPORT DE PRESENTATION ET AFFICHEUR DESTINES A UNE UTILISATION SUR UN HAYON ARRIERE DE CAMION**
[72] GIBBONS, BRETT, CA
[71] BRG INVESTMENTS LTD., CA
[22] 2016-09-28
[41] 2018-03-28

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[13] A1
[51] **Int.Cl. H04L 9/06 (2006.01) H04L 9/30 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **INFORMATION MASKING USING CERTIFICATE AUTHORITY**
[54] **MASQUAGE D'INFORMATION AU MOYEN D'UNE AUTORITE DE CERTIFICAT**
[72] HALDENBY, PERRY AARON JONES, CA
[72] CHOW, ARTHUR CARROLL, CA
[72] CHAN, PAUL MON-WAH, CA
[72] LEE, JOHN JONG SUK, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2016-09-30
[41] 2018-03-30
[30] US (15/281,433) 2016-09-30

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[13] A1
[51] **Int.Cl. G07C 5/08 (2006.01) G06Q 20/10 (2012.01) G06F 17/00 (2006.01)**
[25] EN
[54] **AUTOMATED IMPLEMENTATION OF PROVISIONED SERVICES BASED ON CAPTURED SENSOR DATA**
[54] **MISE EN PLACE AUTOMATISEE DE SERVICES FOURNIS FONDEE SUR LES DONNEES DE DETECTEUR CAPTEES**
[72] CHOW, ARTHUR CARROLL, CA
[72] CHAN, PAUL MON-WAH, CA
[72] HALDENBY, PERRY AARON JONES, CA
[72] JETHWA, RAKESH THOMAS, CA
[72] LAW, EDDIE CHEUK LONG, CA
[72] LEE, JOHN JONG SUK, CA
[72] MCCANN, STEPHEN JOHN, CA
[72] NGUYEN, HAITUYEN ANTHONY, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2016-09-30
[41] 2018-03-30
[30] US (15/281,479) 2016-09-30

[21] **2,943,866**
[13] A1
[51] **Int.Cl. B66F 17/00 (2006.01) B66F 3/08 (2006.01) B66F 3/10 (2006.01) B66F 3/14 (2006.01)**
[25] EN
[54] **BALL SCREW LOCKING APPARATUS**
[54] **APPAREIL DE VERROUILLAGE DE VIS A BILLES**
[72] BAGO, JULIUS GYULA, CA
[72] WAGAR, NICHOLAS ALEXANDER, CA
[71] LINEAR TRANSFER AUTOMATION, CA
[22] 2016-09-28
[41] 2018-03-28

[21] **2,943,917**
[13] A1
[51] **Int.Cl. G01N 1/28 (2006.01) A01K 51/00 (2006.01) A01M 1/00 (2006.01) A01M 3/00 (2006.01)**
[25] FR
[54] **PARASITE SEPARATION DEVICE**
[54] **DISPOSITIF DE SEPARATION DE PARASITES**
[72] SIEFERT, BENOIT, FR
[72] DE FERAUDY, LUDOVIC, FR
[72] CHARPENTIER, GAEL, FR
[72] MASSARD, RAPHAELE, FR
[71] VETO-PHARMA, FR
[22] 2016-09-29
[41] 2018-03-29

[21] **2,943,926**
[13] A1
[51] **Int.Cl. B62D 35/00 (2006.01) B62D 37/02 (2006.01)**
[25] EN
[54] **AERODYNAMIC NOSE DEVICE**
[54] **DISPOSITIF DE NEZ AERODYNAMIQUE**
[72] LOIBEN, JONATHAN, US
[72] SWEET, JAMES J., US
[71] WABASH NATIONAL, L.P., US
[22] 2016-09-30
[41] 2018-03-29
[30] US (15/279,846) 2016-09-29

[21] **2,943,944**
[13] A1
[51] **Int.Cl. E02D 27/46 (2006.01) H05K 7/00 (2006.01) H04Q 1/02 (2006.01)**
[25] EN
[54] **SMALL FOOTPRINT FOUNDATION FOR CABLE CABINETS**
[54] **FONDATION A EMPREINTE REDUITE DESTINEE A DES ARMOIRES DE CABLES**
[72] NAUD, JEAN-LUC, CA
[72] JOLY HEBERT, MATHIEU, CA
[71] GENIX DEVELOPPEMENT INC., CA
[22] 2016-09-29
[41] 2018-03-29

[21] **2,943,964**
[13] A1
[51] **Int.Cl. A46B 9/00 (2006.01) B44D 3/00 (2006.01)**
[25] EN
[54] **A PAINTING BRUSH**
[54] **UN PINCEAU**
[72] HOBBS, STUART, GB
[71] L G HARRIS & CO LIMITED, GB
[22] 2016-09-30
[41] 2018-03-30

[21] **2,944,312**
[13] A1
[51] **Int.Cl. E21B 17/00 (2006.01) E21B 17/042 (2006.01)**
[25] EN
[54] **DRILL ROD**
[54] **TIGE DE FORAGE**
[72] STRECKER, WILLIAM JASON, US
[71] PADLEY & VENABLES LIMITED, GB
[22] 2016-09-29
[41] 2018-03-29

[21] **2,956,293**
[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) H02J 3/06 (2006.01)**
[25] EN
[54] **LOAD MANAGEMENT AND SWITCHING DEVICES AND METHODS BACKGROUND OF THE INVENTION**
[54] **GESTION DE CHARGE ET DISPOSITIFS DE COMMUTATION ET METHODES SOUTENANT L'INVENTION**
[72] CZARNECKI, NEIL A., US
[71] RELIANCE CONTROLS CORPORATION, US
[22] 2017-01-25
[41] 2018-03-27
[30] US (15/276,978) 2016-09-27

[21] **2,956,638**
[13] A1
[51] **Int.Cl. B61L 23/00 (2006.01) B61L 27/00 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD, AND APPARATUS FOR PROVIDING BACKUP OF ELECTRONIC INSTRUCTION TO A LOCOMOTIVE OR TRAIN**
[54] **SYSTEME, METHODE ET APPAREIL DE FOURNITURE DE SAUVEGARDE D'INSTRUCTION ELECTRONIQUE A UNE LOCOMOTIVE OU UN TRAIN**
[72] SHAW, KAREN A., US
[72] SPIEGELHALTER, THOMAS PAUL, JR., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2017-01-31
[41] 2018-03-29
[30] US (15/280,207) 2016-09-29

[21] **2,958,416**
[13] A1
[51] **Int.Cl. F26B 25/00 (2006.01) F26B 15/10 (2006.01) F26B 25/06 (2006.01)**
[25] EN
[54] **SINGLE PASS CONTINUOUS LUMBER DRYING KILN**
[54] **FOUR DE SECHAGE DE BOIS D'OEUVRE EN CONTINU A PASSAGE UNIQUE**
[72] KOLARI, GARY L., US
[71] KOLARI, GARY L., US
[22] 2017-02-17
[41] 2018-03-26
[30] US (62/399,725) 2016-09-26
[30] US (15/432,532) 2017-02-14

[21] **2,959,234**
[13] A1
[51] **Int.Cl. E21C 27/30 (2006.01) E02F 3/28 (2006.01)**
[25] EN
[54] **SNUBBER FOR SHOVEL DIPPER**
[54] **AMORTISSEUR DESTINE A UN GODET DE PELLE**
[72] POPP, JAMES R., US
[72] NICOSON, RICHARD, US
[72] SCHOB, DAVE, US
[71] HARNISCHFEGER TECHNOLOGIES, INC., US
[22] 2017-02-27
[41] 2018-03-28
[30] US (62/400,890) 2016-09-28

[21] **2,966,453**
[13] A1
[51] **Int.Cl. E03F 7/04 (2006.01)**
[25] EN
[54] **PARTIAL BLOCKAGE DETECTION USING BACKWATER VALVE**
[54] **DETECTION DE BLOCAGE PARTIEL AU MOYEN D'UN CLAPET ANTIRETOUR**
[72] GIBSON, MICHAEL, CA
[72] BOYLE, LARRY, CA
[72] MACDONALD, RAYMOND, CA
[72] MACISSAC, JOSEPH, CA
[72] SZKUDLAREK, MICHAEL, CA
[72] BIELAWSKI, BOB, CA
[71] GIBSON, MICHAEL, CA
[71] BOYLE, LARRY, CA
[71] MACDONALD, RAYMOND, CA
[71] MACISSAC, JOSEPH, CA
[71] SZKUDLAREK, MICHAEL, CA
[71] BIELAWSKI, BOB, CA
[22] 2017-05-05
[41] 2018-03-30
[30] US (62/402,051) 2016-09-30

[21] **2,968,785**
[13] A1
[51] **Int.Cl. E03C 1/26 (2006.01) B01D 35/02 (2006.01) B01D 35/28 (2006.01)**
[25] EN
[54] **SEAMLESS CONNECTING DRAIN STRUCTURE OF METALLIC SINK**
[54] **STRUCTURE DE DRAIN DE RACCORDEMENT SANS JOINT DESTINE A UN EVIER EN METAL**
[72] LIN, JUN-QI, TW
[71] LIN, JUN-QI, TW
[22] 2017-05-31
[41] 2018-03-30
[30] CN (201621096031.2) 2016-09-30

[21] **2,969,066**
[13] A1
[51] **Int.Cl. C04B 12/00 (2006.01)**
[25] EN
[54] **CHEMICALLY INERT CONCRETE COMPOSITION AND METHOD OF PROVIDING SAME**
[54] **COMPOSITION DE CIMENT INERTE CHIMIQUEMENT ET METHODE DE FOURNITURE DE LADITE COMPOSITION**
[72] PAUTLER, DOMINIC, US
[72] ANDERSON, MICHAEL W., US
[72] BINZ, LARA, US
[72] SNYDER, DANIEL, US
[71] MAGNECO/METREL, INC., US
[22] 2017-05-31
[41] 2018-03-28
[30] US (15/279,204) 2016-09-28
[30] US (15/279,242) 2016-09-28

[21] **2,969,963**
[13] A1
[51] **Int.Cl. C21B 13/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TREATING IRON-CONTAINED RAW MATERIAL USING BATH SMELTING FURNACE**
[54] **METHODE ET APPAREIL DE TRAITEMENT DE MATERIAU BRUT RENFERMANT DU FER AU MOYEN D'UN FOUR A BAIN DE FONDERIE**
[72] QI, TAO, CN
[72] YI, LINGYUN, CN
[72] CHEN, DESHENG, CN
[72] WANG, LINA, CN
[72] ZHAO, HONGXIN, CN
[72] LIU, YAHUI, CN
[72] WANG, WEIJING, CN
[72] YU, HONGDONG, CN
[71] INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMY OF SCIENCES, CN
[22] 2017-06-08
[41] 2018-03-28
[30] CN (2016108567940) 2016-09-28

[21] **2,969,969**
[13] A1
[51] **Int.Cl. A47K 11/00 (2006.01) E03D 9/04 (2006.01) E03D 11/11 (2006.01)**
[25] EN
[54] **A PORTABLE TOILET**
[54] **UNE TOILETTE PORTATIVE**
[72] DERENONCOURT, FRANCK, CA
[71] DERENONCOURT, FRANCK, CA
[22] 2017-06-14
[41] 2018-03-27
[30] US (62/400225) 2016-09-27

[21] **2,970,088**
[13] A1
[51] **Int.Cl. G08B 21/24 (2006.01) G08B 23/00 (2006.01)**
[25] EN
[54] **DEVICE LOCK BYPASS ON SELECTABLE ALERT**
[54] **DEVIATION DE VERROU DE DISPOSITIF SELON L'ALERTE**
[72] TSERETOPOULOS, DEAN C. N., CA
[72] HARPER, GREGORY RICHARD, CA
[72] WALIA, SARABJIT SINGH, CA
[72] NASIM, SARIR, CA
[72] LEE, DIANE, CA
[72] LEE, JOHN JONG SUK, CA
[72] THOMAS, JOHN WILLIAM, CA
[72] THOMAS, RICHARD, CA
[72] HEATH, SIMONA, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2017-06-09
[41] 2018-03-30
[30] US (62/402,529) 2016-09-30

[21] **2,970,252**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 40/02 (2012.01) G07F 19/00 (2006.01) H04L 9/32 (2006.01) H04M 3/493 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROCESSING AN INTERACTION REQUEST AND AN INTERACTION RESPONSE**
[54] **SYSTEME ET METHODE DE TRAITEMENT D'UNE REQUETE D'INTERACTION ET D'UNE REPONSE D'INTERACTION**
[72] D'AGOSTINO, DINO PAUL, CA
[72] JETHWA, RAKESH THOMAS, CA
[72] CHAN, PAUL MON-WAH, CA
[72] LEE, JOHN JONG SUK, CA
[72] TSERETOPOULOS, DEAN C.N., CA
[72] WALIA, SARABJIT SINGH, CA
[72] HARPER, GREGORY RICHARD, CA
[72] MOON, TAE GYUN, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2017-06-12
[41] 2018-03-30
[30] US (15/282,727) 2016-09-30

[21] **2,971,559**
[13] A1
[51] **Int.Cl. E06B 9/322 (2006.01)**
[25] EN
[54] **TENSION BLIND**
[54] **STORE A TENSION**
[72] WEN, YU-CHE, TW
[72] QU, XU-WU, TW
[71] NIEN MADE ENTERPRISE CO., LTD., TW
[22] 2017-06-22
[41] 2018-03-28
[30] CN (201621087282.4) 2016-09-28

[21] **2,972,188**
[13] A1
[51] **Int.Cl. H01M 2/06 (2006.01) H01M 8/2475 (2016.01) H01M 8/248 (2016.01) H01M 2/30 (2006.01)**
[25] EN
[54] **FUEL CELL MODULE**
[54] **MODULE DE PILE A COMBUSTIBLE**
[72] MATSUNO, TAKESHI, JP
[71] TOSHIBA FUEL CELL POWER SYSTEMS CORPORATION, JP
[22] 2017-06-29
[41] 2018-03-28
[30] JP (2016-190134) 2016-09-28
[30] JP (2017-102853) 2017-05-24

[21] **2,972,522**
[13] A1
[51] **Int.Cl. B23Q 11/06 (2006.01) B23Q 11/08 (2006.01) B27B 25/10 (2006.01) B27G 19/02 (2006.01)**
[25] EN
[54] **A TABLE SAW AND A PUSH STICK FOR SAID SAW**
[54] **UN BANC DE SCIE ET UN BATON DE POUSSEE DESTINE AUDIT BANC DE SCIE**
[72] BINDHAMMER, MARKUS, DE
[71] SCHEPPACH FABRIKATION VON HOLZBEARBEITUNGSMASCHINEN GMBH, DE
[22] 2017-07-06
[41] 2018-03-28
[30] EP (16020359.2) 2016-09-28

[21] **2,972,681**
[13] A1
[51] **Int.Cl. H04R 1/02 (2006.01) B60R 11/02 (2006.01) B60R 16/02 (2006.01) H04R 3/00 (2006.01) H05K 11/02 (2006.01)**
[25] EN
[54] **APPARATUSES AND METHODS FOR ACOUSTICALLY EXCITING A FACE PANEL OF A STOWAGE BIN INSIDE A VEHICLE**
[54] **APPAREILLAGES ET METHODES D'EXCITATION ACOUSTIQUE D'UN PANNEAU AVANT D'UN BAC DE RANGEMENT A L'INTERIEUR D'UN VEHICULE**
[72] IBRAHIM, YAKENTIM, US
[72] CALLAHAN, KEVIN S., US
[72] FEINBERG, MICHAEL ALAN, US
[71] THE BOEING COMPANY, US
[22] 2017-07-06
[41] 2018-03-30
[30] US (15/282,816) 2016-09-30

[21] **2,973,972**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06Q 10/10 (2012.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING AN INTERACTION REQUEST**
[54] **SYSTEME ET METHODE DE GENERATION D'UNE REQUETE D'INTERACTION**
[72] TSERETOPOULOS, DEAN C.N., CA
[72] HARPER, GREGORY RICHARD, CA
[72] WALIA, SARABJIT SINGH, CA
[72] D'AGOSTINO, DINO PAUL, CA
[72] LEE, JOHN JONG-SUK, CA
[72] CHAN, PAUL MON-WAH, CA
[72] JETHWA, RAKESH THOMAS, CA
[72] MOON, TAE GYUN, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2017-07-18
[41] 2018-03-30
[30] US (15/282,727) 2016-09-30
[30] US (15/620,582) 2017-06-12
[30] US (15/620,632) 2017-06-12

[21] **2,974,749**
[13] A1
[51] **Int.Cl. B60R 16/023 (2006.01) B64D 9/00 (2006.01) B64D 11/00 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR WIRELESS TRANSMITTING ELECTRICAL SIGNALS TO AN OVERHEAD STOWAGE BIN ASSEMBLY OF A VEHICLE**
[54] **SYSTEMES ET METHODES DE TRANSMISSION SANS FIL DE SIGNAUX ELECTRIQUES VERS UN ENSEMBLE DE BAC DE RANGEMENT D'UN VEHICULE**
[72] WALKER, CHARLES MATTHEW, US
[71] THE BOEING COMPANY, US
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[41] 2018-03-30
[30] US (15/281263) 2016-09-30

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[54] **BAG DISPENSER**
[54] **DISTRIBUTEUR DE SAC**
[72] CHEN, DANIEL, US
[72] HART, TODD, US
[72] PALEY, JANINE, US
[72] KRISHNA, TASNEEM, US
[72] YANG, KELVIN, US
[72] TSENG, BEN, US
[71] INTEPLAST GROUP CORPORATION, US
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[41] 2018-03-30
[30] US (15/281,547) 2016-09-30

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[51] **Int.Cl. F02K 1/54 (2006.01) F02K 1/70 (2006.01) F02K 1/76 (2006.01)**
[25] EN
[54] **DUAL TURN THRUST REVERSER CASCADE SYSTEMS AND METHODS**
[54] **MECANISMES DE CASCADE D'INVERSEUR DE POUSSEE DOUBLE TOUR ET METHODES**
[72] CHUCK, CHEN, US
[72] VANDEMARK, ZACHARIAH B., US
[71] THE BOEING COMPANY, US
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[41] 2018-03-27
[30] US (15/277900) 2016-09-27

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[51] **Int.Cl. G08G 5/04 (2006.01) G06T 7/10 (2017.01) H04N 13/106 (2018.01) H04N 13/246 (2018.01) G06T 7/00 (2017.01)**
[25] EN
[54] **STEREO CAMERA SYSTEM FOR COLLISION AVOIDANCE DURING AIRCRAFT SURFACE OPERATIONS**
[54] **SYSTEME DE CAMERA STEREO SERVANT A EVITER LA COLLISION PENDANT LES OPERATIONS DE SURFACE D'AERONEF**
[72] RAY, GARY ALAN, US
[72] GILBERT, BRIAN DAVID, US
[71] THE BOEING COMPANY, US
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[41] 2018-03-30
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[25] EN
[54] **IMAGING MODULE AND READER FOR, AND METHOD OF, READING TARGETS BY IMAGE CAPTURE WITH A SUBSTANTIALLY CONSTANT RESOLUTION OVER AN EXTENDED RANGE OF WORKING DISTANCES**
[54] **MODULE D'IMAGERIE ET LECTEUR ASSOCIE, ET METHODE ASSOCIEE, LECTURE DE CIBLES PAR CAPTURE D'IMAGE A UNE RESOLUTION SUBSTANTIELLEMENT CONSTANTE SUR UNE PLAGE ETENDUE DE DISTANCES DETRAVAIL**
[72] BROCK, CHRISTOPHER W., US
[72] SHI, DAVID T., US
[71] SYMBOL TECHNOLOGIES, LLC, US
[22] 2017-08-08
[41] 2018-03-26
[30] US (15/276420) 2016-09-26

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[51] **Int.Cl. F01D 5/10 (2006.01) F01D 25/04 (2006.01)**
[25] EN
[54] **DAMPER GROOVE WITH STRAIN DERIVATIVE AMPLIFYING POCKETS**
[54] **RAINURE D'AMORTISSEMENT DOTEE DE POCHETTES D'AMPLIFICATION DEVIANT LES CONTRAINTES**
[72] PANKRATOV, MAKSIM, CA
[72] THERATIL, IGNATIUS, CA
[72] CHANG, TONY, CA
[72] HOULE, NICOLA, CA
[72] SAVARIA, VINCENT, CA
[72] COUTU, DANIEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-08-07
[41] 2018-03-28
[30] US (15/278,483) 2016-09-28

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[51] **Int.Cl. B65D 90/34 (2006.01)**
[25] EN
[54] **LIQUID TANK SYSTEM WITH OVER-PRESSURE PROTECTION**
[54] **SYSTEME DE RESERVOIR DE LIQUIDE EQUIPE D'UNE PROTECTION CONTRE LA SURPRESSION**
[72] BERGERON, SEBASTIEN, CA
[72] GAUVIN, PIERRE, CA
[72] VINSKI, JOHNNY, CA
[72] MCMURRAY, GENEVIEVE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-08-15
[41] 2018-03-27
[30] US (15/277,640) 2016-09-27

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[51] **Int.Cl. B60W 30/188 (2012.01) B60W 40/064 (2012.01) B60W 40/068 (2012.01) B62K 23/00 (2006.01)**
[25] EN
[54] **START CONTROL DEVICE FOR SADDLED VEHICLE**
[54] **DISPOSITIF DE CONTROLE DE DEMARRAGE DESTINE A UN VEHICULE A SELLE**
[72] KOYAMA, KATSUMI, JP
[72] UEMATSU, HIDEKI, JP
[72] KOBAYASHI, FUYUKI, JP
[72] AZUMAGAKITO, ISAO, JP
[72] YAMAMOTO, KATSUMI, JP
[72] OGINO, KAZUMASA, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-08-16
[41] 2018-03-29
[30] JP (2016-191678) 2016-09-29

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[25] FR
[54] **FLUIDIC VALVE**
[54] **VANNE FLUIDIQUE**
[72] FRIPPIAT, CEDRIC, BE
[72] BOMAL, JEAN-CHRISTIAN, BE
[72] PAULUS, NICOLAS, BE
[71] SAFRAN AERO BOOSTERS S.A., BE
[22] 2017-08-16
[41] 2018-03-30
[30] BE (BE2016/5728) 2016-09-30

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[13] A1
[51] **Int.Cl. B64C 25/50 (2006.01) F16F 9/14 (2006.01)**
[25] FR
[54] **AIRCRAFT LANDING GEAR EQUIPPED WITH A SHIMMY ATTENUATION DEVICE**
[54] **ATTERRISSEUR D'AERONEF EQUIPE D'UN DISPOSITIF D'ATTENUATION DE SHIMMY**
[72] NGUYEN, NICOLAS, FR
[72] MALLET, LAURENT, FR
[72] IVALDI, FREDERIC, FR
[72] BLANPAIN, THIERRY, FR
[72] HENRION, PHILIPPE, FR
[71] SAFRAN LANDING SYSTEMS, FR
[22] 2017-08-23
[41] 2018-03-29
[30] FR (16 59340) 2016-09-29

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[51] **Int.Cl. E04F 15/20 (2006.01) B32B 27/00 (2006.01) E04B 1/82 (2006.01)**
[25] EN
[54] **SOUND-DEADENING PRODUCT AND METHOD OF INSTALLING SAME**
[54] **PRODUIT ATTENUATEUR SONORE ET METHODE D'INSTALLATION ASSOCIEE**
[72] ROY, KENNETH A., US
[71] ADVANCED BUILDING PRODUCTS, INC., US
[22] 2017-08-24
[41] 2018-03-28
[30] US (62/400,745) 2016-09-28
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[25] EN
[54] **RECOVERY OF FIBERS FROM FIBER REINFORCED POLYMERS WITH LEWIS BASES**
[54] **RECUPERATION DE FIBRES DES POLYMERES RENFORCES DE FIBRES A BASE LEWIS**
[72] GROSS, ADAM F., US
[72] RODRIGUEZ, APRIL R., US
[72] NELSON, ASHLEY M., US
[72] VAJO, JOHN J., US
[72] DALAL, HARDIK, US
[72] GEORGE, PANAGIOTIS EMANUEL, US
[72] GUAN, XIN N., US
[72] DAVIS, JAMES HILLARD, JR., US
[71] THE BOEING COMPANY, US
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[51] **Int.Cl. B60N 3/04 (2006.01)**
[25] EN
[54] **FLOOR LINER WITH CARPET HOOK RECEPTACLE**
[54] **SOUS-REVETEMENT DE PLANCHER DOTE DE RECEPTACLE DE CROCHET DE TAPIS**
[72] JOHNSON, KENNETH DOUGLAS, US
[71] HUSKY LINERS, INC., US
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[41] 2018-03-27
[30] US (15/277,097) 2016-09-27

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[51] **Int.Cl. B65B 5/00 (2006.01) A61J 1/03 (2006.01) A61J 7/00 (2006.01) B65B 1/30 (2006.01) B65B 5/10 (2006.01)**
[25] EN
[54] **VERIFICATION SYSTEM FOR A PHARMACY PACKAGING SYSTEM**
[54] **SYSTEME DE VERIFICATION DESTINE A UN SYSTEME D'EMBALLAGE DE PRODUIT PHARMACEUTIQUE**
[72] HOLMES, WILLIAM K., US
[71] RXSAFE LLC, US
[22] 2017-08-31
[41] 2018-03-27
[30] US (15/277,493) 2016-09-27

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[51] **Int.Cl. C01B 3/34 (2006.01) C01B 3/32 (2006.01)**
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[54] **PROCESS AND APPARATUS FOR STEAM REFORMING**
[54] **PROCEDE ET APPAREIL DE REFORMAGE DE VAPEUR**
[72] JAROSCH, MAXIMILIAN, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[22] 2017-09-01
[41] 2018-03-27
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[51] **Int.Cl. B64D 15/04 (2006.01) B64C 11/14 (2006.01) B64D 33/02 (2006.01) F02C 7/047 (2006.01)**
[25] EN
[54] **ANTI-ICING APPARATUS FOR A NOSE CONE OF A GAS TURBINE ENGINE**
[54] **APPAREIL ANTI-GIVRAGE DESTINE A UN NEZ DE ROTOR D'UNE TURBINE A GAZ**
[72] ALECU, DANIEL, CA
[72] SIDOROVICH PARADISO, IVAN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-08-31
[41] 2018-03-28
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[13] A1
[51] **Int.Cl. B08B 9/093 (2006.01) B08B 3/08 (2006.01)**
[25] EN
[54] **DECONTAMINATION AND CLEANING PROCESS FOR HYDROCARBON CONTAMINATED EQUIPMENT**
[54] **PROCEDE DE DECONTAMINATION ET NETTOYAGE DESTINE A UN EQUIPEMENT CONTAMINE AUX HYDROCARBURES**
[72] MONTGOMERY, BLAKE, US
[71] KIXMON SOLUTIONS, LLC, US
[22] 2017-09-08
[41] 2018-03-26
[30] US (15/275,592) 2016-09-26

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[51] **Int.Cl. G01S 19/37 (2010.01)**
[25] EN
[54] **BATCH PROCESSING FOR GNSS SIGNAL PROCESSING IN A USER SATELLITE**
[54] **TRAITEMENT PAR LOT DESTINE AU TRAITEMENT DE SIGNAL GNSS DANS UN SATELLITE UTILISATEUR**
[72] GOTTZEIN, EVELINE, DE
[72] FILIPPI, HANNES, DE
[72] BARRIOS-MONTALVO, ANDRES, DE
[72] KRAUSS, PETER A., DE
[71] AIRBUS DEFENCE AND SPACE GMBH, DE
[22] 2017-09-06
[41] 2018-03-28
[30] DE (10 2016 218 655.8) 2016-09-28

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[13] A1
[51] **Int.Cl. H01R 9/00 (2006.01) F16L 3/02 (2006.01) H01R 9/24 (2006.01)**
[25] EN
[54] **WIRE DETACHMENT-PREVENTING STRUCTURE**
[54] **STRUCTURE DE PREVENTION DE DETACHEMENT DE FIL**
[72] WU, KUNRAN, CN
[72] ZHONG, BODONG, CN
[71] PANASONIC ECOLOGY SYSTEMS GUANGDONG CO., LTD., CN
[22] 2017-09-06
[41] 2018-03-28
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[13] A1
[51] **Int.Cl. F24H 9/00 (2006.01) F24H 1/38 (2006.01) F24H 8/00 (2006.01) F28F 9/00 (2006.01)**
[25] EN
[54] **HOT WATER APPARATUS**
[54] **APPAREIL A EAU CHAUDE**
[72] OOSHITA, WATARU, JP
[71] NORITZ CORPORATION, JP
[22] 2017-09-08
[41] 2018-03-26
[30] JP (2016-187229) 2016-09-26

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[13] A1
[51] **Int.Cl. F24H 9/00 (2006.01) F24H 1/38 (2006.01) F24H 8/00 (2006.01) F28F 9/00 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER AND HOT WATER APPARATUS**
[54] **ECHANGEUR THERMIQUE ET APPAREIL A EAU CHAUDE**
[72] KONDO, MASAKI, JP
[72] OOHIGASHI, TAKESHI, JP
[72] OOSHITA, WATARU, JP
[71] NORITZ CORPORATION, JP
[22] 2017-09-08
[41] 2018-03-26
[30] JP (2016-187230) 2016-09-26

[21] **2,978,806**
[13] A1
[51] **Int.Cl. B60N 2/26 (2006.01) B60N 2/28 (2006.01)**
[25] EN
[54] **APPARATUS FOR USE IN A CHILD SAFETY SEAT**
[54] **APPAREILL DESTINE A UN SIEGE DE SECURITE D'ENFANT**
[72] HENSELER, RICHARD, DE
[72] FRANK, RICHARD, DE
[71] BRITAX ROMER KINDERSICHERHEIT GMBH, DE
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[30] EP (16002094.7) 2016-09-28

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[51] **Int.Cl. F16L 47/34 (2006.01) E03C 1/122 (2006.01) F16L 47/02 (2006.01)**
[25] EN
[54] **SANITARY TEE OR WYE FITTING COMPONENT AND USE IN A DWV SYSTEM**
[54] **COMPOSANTE DE TE SANITAIRE OU DE RACCORD DE PIECE DE DIVISION ET UTILISATION DANS UN SYSTEME DE DRAIN, RENVOI ET EVENT**
[72] WILLIAMS, ROBERT M., US
[71] DELVE HOLDINGS, LLC, US
[22] 2017-09-11
[41] 2018-03-29
[30] US (15/279,756) 2016-09-29

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[13] A1
[51] **Int.Cl. G08C 17/02 (2006.01) G07B 15/06 (2011.01)**
[25] EN
[54] **METHOD FOR CALIBRATING AN ONBOARD UNIT, SYSTEM, AND ONBOARD UNIT THEREFOR**
[54] **METHODE D'ETALONNAGE D'UN MODULE EMBARQUE, SYSTEME ET MODULE EMBARQUE ASSOCIE**
[72] MALARKY, ALASTAIR, CA
[71] KAPSCH TRAFFICCOM AG, AT
[22] 2017-09-11
[41] 2018-03-29
[30] EP (16 191 421.3) 2016-09-29

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[51] **Int.Cl. B23K 1/002 (2006.01) B23P 11/00 (2006.01)**
[25] EN
[54] **DISSIMILAR MATERIAL JOINED BODY AND DISSIMILAR MATERIAL JOINING METHOD**
[54] **CORPS JOINTS PAR DES MATERIAUX DISSIMILAIRES ET METHODE DE JOINTAGE DE MATERIAUX DISSIMILAIRES**
[72] MIYAMOTO, KAZUKI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-09-13
[41] 2018-03-26
[30] JP (2016-181146) 2016-09-26

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[13] A1
[51] **Int.Cl. F16M 11/04 (2006.01) F16M 11/18 (2006.01)**
[25] EN
[54] **BALANCED CAMERA SLIDER**
[54] **COULISSE DE CAMERA EQUILIBREE**
[72] CHAPMAN, LEONARD T., US
[71] CHAPMAN/LEONARD STUDIO EQUIPMENT, INC., US
[22] 2017-09-12
[41] 2018-03-30
[30] US (15/282,607) 2016-09-30
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[51] **Int.Cl. F21V 99/00 (2006.01) F21S 8/08 (2006.01) F21V 23/00 (2015.01) F21V 23/06 (2006.01) F21V 31/00 (2006.01) F21V 33/00 (2006.01) H01R 13/52 (2006.01) H05B 37/02 (2006.01) H05K 1/18 (2006.01)**
[25] EN
[54] **EXPANDING SENSING CAPABILITIES OF A LUMINAIRE**
[54] **EXTENSION DES CAPACITES DE DETECTION D'UN LUMINAIRE**
[72] CLYNNE, THOMAS, US
[72] MEYER, JONATHAN ROBERT, US
[72] BEAUDOIN, FRANCIS, CA
[72] LAVIGNE, ERIC, CA
[72] KNAPP, THOMAS, US
[72] SAHA, KOUSHIK, US
[71] GENERAL ELECTRIC COMPANY, US
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[41] 2018-03-29
[30] US (62/401,453) 2016-09-29
[30] US (15/692,181) 2017-08-31

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[51] **Int.Cl. F23L 17/00 (2006.01) F23L 5/02 (2006.01) F23N 3/00 (2006.01)**
[25] EN
[54] **MOTOR CONTROLLER FOR BLOWER IN GAS-BURNING APPLIANCE AND METHOD OF USE**
[54] **CONTROLEUR DE MOTEUR DESTINE A UNE SOUFFLANTE DANS UN APPAREIL MENAGER AU GAZ ET METHODE D'UTILISATION**
[72] MULLIN, PAUL STEVEN, US
[72] GATLEY, WILLIAM STUART, US
[71] REGAL BELOIT AMERICA, INC., US
[22] 2017-09-14
[41] 2018-03-28
[30] US (15/278,877) 2016-09-28

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[51] **Int.Cl. C10L 1/04 (2006.01) C10G 3/00 (2006.01)**
[25] EN
[54] **UPGRADING 5-NONANONE**
[54] **MISE EN VALEUR DE 5-NONANONE**
[72] MYLLYOJA, JUKKA, FI
[72] KALDSTROM, MATS, FI
[72] LINDBLAD, MARINA, FI
[72] KOHONEN, JARNO, FI
[72] SELANTAUS, MAARIA, FI
[72] IKONEN, ELIAS, FI
[71] NESTE OYJ, FI
[22] 2017-09-14
[41] 2018-03-29
[30] EP (16191277.9) 2016-09-29

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[13] A1
[51] **Int.Cl. H02B 7/00 (2006.01) H02B 13/025 (2006.01)**
[25] EN
[54] **MEDIUM VOLTAGE SWITCHGEAR ENCLOSURE**
[54] **ENCEINTE DE MECANISME DE COMMUTATION DE TENSION MOYENNE**
[72] JOHNSON, BETHEL IDICULLA, US
[72] BELL, BRAD, US
[71] SWITCHBOARD APPARATUS, INC., US
[22] 2017-09-15
[41] 2018-03-26
[30] US (15/276,163) 2016-09-26

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[13] A1
[51] **Int.Cl. C40B 30/04 (2006.01) A61K 47/64 (2017.01) A61P 35/00 (2006.01) C07K 14/525 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **METHODS FOR PREDICTING DRUG RESPONSIVENESS IN CANCER PATIENTS**
[54] **METHODES DE PREDICTION DE LA REACTION A UN MEDICAMENT CHEZ LES PATIENTS ATTEINTS DE CANCER**
[72] KNUDSEN, STEEN, US
[71] ONCOLOGY VENTURE APS, DK
[22] 2017-09-13
[41] 2018-03-27
[30] US (15/277,750) 2016-09-27

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[13] A1
[51] **Int.Cl. H02B 1/20 (2006.01) H01R 4/48 (2006.01)**
[25] EN
[54] **BUS BAR INCLUDING A WIRING CONNECTOR ASSEMBLY**
[54] **BARRE OMNIBUS COMPORTANT UN MECANISME DE CONNECTEUR DE CABLAGE**
[72] PAOLOZZI, ALEXANDER, CA
[72] COELHO, RYAN, CA
[71] PAOLOZZI, ALEXANDER, CA
[71] COELHO, RYAN, CA
[22] 2017-09-19
[41] 2018-03-30
[30] US (15/281,302) 2016-09-30

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[13] A1
[51] **Int.Cl. F21V 21/02 (2006.01) F21S 8/00 (2006.01) F21V 23/04 (2006.01) F21V 23/06 (2006.01) F21S 6/00 (2006.01)**
[25] EN
[54] **WALL-PLATE TABLE LAMP**
[54] **LAMPE DE TABLE A PLAQUE MURALE**
[72] LEDDUSIRE, RONALD R., US
[71] DOLAN NORTHWEST, LLC, US
[22] 2017-09-20
[41] 2018-03-30
[30] US (15/282,358) 2016-09-30

[21] **2,979,720**
[13] A1
[51] **Int.Cl. F01D 9/06 (2006.01) F01D 9/02 (2006.01) F01D 25/16 (2006.01) F01D 25/24 (2006.01) F01D 25/26 (2006.01) F01D 25/28 (2006.01)**
[25] EN
[54] **CASING WITH SUCTION ARM FOR AXIAL TURBINE ENGINE**
[54] **ENVELOPPE DOTEE D'UN BRAS D'ASPIRATION DESTINEE A UN MOTEUR A TURBINE AXIALE**
[72] HIERNAUX, STEPHANE, BE
[71] SAFRAN AERO BOOSTERS SA, BE
[22] 2017-09-21
[41] 2018-03-27
[30] BE (2016/5720) 2016-09-27

[21] **2,979,745**
[13] A1
[51] **Int.Cl. B60C 9/02 (2006.01) B60C 11/00 (2006.01)**
[25] EN
[54] **HEAVY-DUTY TIRE**
[54] **PNEU TRES ROBUSTE**
[72] WILSON, JOHN DAVID, US
[72] SCHESSLER, GREGORY ALAN, US
[72] SPENCER, TODD JAMES, US
[72] HUBBELL, DAVID RAY, US
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 2017-09-20
[41] 2018-03-25
[30] US (62/399449) 2016-09-25

[21] **2,979,750**
[13] A1
[51] **Int.Cl. G08G 5/00 (2006.01)**
[25] EN
[54] **AIRCRAFT PROFILE OPTIMIZATION WITH COMMUNICATION LINKS TO AN EXTERNAL COMPUTATIONAL ASSET**
[54] **OPTIMISATION DE PROFIL D'AERONEF AU MOYEN DE LIENS DE COMMUNICATION VERS UN ACTIF INFORMATIQUE EXTERNE**
[72] WESTERVELT, ERIC RICHARD, US
[72] CUMINGS, MACKENZIE, US
[72] DARNELL, MARK LAWRENCE, US
[72] LAX, DAVID, US
[72] REN, LILING, US
[72] VISSER, NICHOLAS, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-09-21
[41] 2018-03-30
[30] US (15/282,003) 2016-09-30

[21] **2,979,753**
[13] A1
[51] **Int.Cl. B60C 11/00 (2006.01) B60C 11/11 (2006.01)**
[25] EN
[54] **HEAVY-DUTY TIRE AND TREAD**
[54] **PNEU ET BANDE DE ROULEMENT TRES ROBUSTES**
[72] WILSON, JOHN DAVID, US
[72] SCHESSLER, GREGORY ALAN, US
[72] SPENCER, TODD JAMES, US
[72] HUBBELL, DAVID RAY, US
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 2017-09-20
[41] 2018-03-25
[30] US (62/399458) 2016-09-25

[21] **2,979,763**
[13] A1
[51] **Int.Cl. G01K 7/02 (2006.01) F01D 17/08 (2006.01) G01K 13/02 (2006.01)**
[25] EN
[54] **EXHAUST GAS TEMPERATURE SENSING PROBE ASSEMBLY**
[54] **DISPOSITIF DE SONDE DE DETECTION DE TEMPERATURE DE GAZ D'ECHAPPEMENT**
[72] JACKSON, DAVID REECE, US
[71] UNISON INDUSTRIES, LLC, US
[22] 2017-09-21
[41] 2018-03-30
[30] US (15/281,557) 2016-09-30

[21] **2,979,774**
[13] A1
[51] **Int.Cl. G01K 7/02 (2006.01) F01D 17/08 (2006.01) G01K 13/02 (2006.01)**
[25] EN
[54] **EXHAUST GAS TEMPERATURE SENSING PROBE ASSEMBLY**
[54] **DISPOSITIF DE SONDE DE DETECTION DE TEMPERATURE DE GAZ D'ECHAPPEMENT**
[72] JACKSON, DAVID REECE, US
[71] UNISON INDUSTRIES, LLC, US
[22] 2017-09-21
[41] 2018-03-30
[30] US (15/281,585) 2016-09-30

[21] **2,979,776**
[13] A1
[51] **Int.Cl. G01K 7/02 (2006.01) F01D 17/08 (2006.01) F02C 7/00 (2006.01) G01K 7/10 (2006.01) G01K 13/02 (2006.01)**
[25] EN
[54] **EXHAUST GAS TEMPERATURE SENSING PROBE ASSEMBLY**
[54] **DISPOSITIF DE SONDE DE DETECTION DE TEMPERATURE DE GAZ D'ECHAPPEMENT**
[72] JACKSON, DAVID REECE, US
[71] UNISON INDUSTRIES, LLC, US
[22] 2017-09-21
[41] 2018-03-30
[30] US (15/281,612) 2016-09-30

[21] **2,979,868**
[13] A1
[51] **Int.Cl. H01F 7/08 (2006.01) F16K 31/02 (2006.01) F16K 31/06 (2006.01)**
[25] EN
[54] **VALVE WITH PROPORTIONAL ELECTROMAGNETIC ACTUATOR**
[54] **VANNE DOTEE D'UN ACTIONNEUR MAGNETIQUE PROPORTIONNEL**
[72] PAULUS, NICOLAS, BE
[71] SAFRAN AERO BOOSTERS SA, BE
[22] 2017-09-22
[41] 2018-03-30
[30] BE (2016/5727) 2016-09-30

[21] **2,979,878**
[13] A1
[51] **Int.Cl. A61B 5/11 (2006.01) A43B 3/00 (2006.01) A43B 7/00 (2006.01) A61B 5/103 (2006.01)**
[25] EN
[54] **INSOLE OR SHOE SOLE**
[54] **SEMELLE INTERIEURE OU SEMELLE DE CHAUSSURE**
[72] KRIMMER, PETER, AT
[72] OLBRICH, PHILIP, AT
[72] FROIS, THOMAS, AT
[71] STAPPTRONICS GMBH, AT
[22] 2017-09-19
[41] 2018-03-27
[30] AT (A 443/2016) 2016-09-27

[21] **2,979,893**
[13] A1
[51] **Int.Cl. E21B 23/06 (2006.01) E21B 33/128 (2006.01) E21B 33/129 (2006.01) E21B 33/14 (2006.01)**
[25] EN
[54] **TENSION-SET TIEBACK PACKER**
[54] **GARNITURE A EMBRASE A TENSION REGLEE**
[72] HANSON, ANDREW J., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2017-09-22
[41] 2018-03-30
[30] US (15/282,896) 2016-09-30

[21] **2,979,933**
[13] A1
[51] **Int.Cl. B65D 35/00 (2006.01) H01G 4/33 (2006.01) H04B 1/59 (2006.01)**
[25] EN
[54] **TUBE AND TUBE BODY WITH AN ELECTRONIC DEVICE**
[54] **TUBE ET CORPS DE TUBE DOTE D'UN DISPOSITIF ELECTRONIQUE**
[72] GEIGER, ANDREAS, CH
[71] HOFFMANN NEOPAC AG, CH
[22] 2017-09-21
[41] 2018-03-30
[30] CH (01299/16) 2016-09-30

[21] **2,980,022**
[13] A1
[51] **Int.Cl. H04W 4/80 (2018.01) G06K 7/08 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **EFFICIENT NEAR FIELD COMMUNICATION (NFC) TAG DETECTION AND RELATED METHODS**
[54] **DETECTION DE MARQUEUR DE COMMUNICATION EN CHAMP PROCHE EFFICACE ET METHODES ASSOCIEES**
[72] HAGEDORN, J. DAVID, CA
[71] BLACKBERRY LIMITED, CA
[22] 2017-09-25
[41] 2018-03-26
[30] US (15/275,656) 2016-09-26

[21] **2,980,040**
[13] A1
[51] **Int.Cl. E21B 19/06 (2006.01) E21B 19/22 (2006.01)**
[25] EN
[54] **GRIPPER ASSEMBLY FOR CONTINUOUS ROD**
[54] **DISPOSITIF DE SAISIE DESTINE A UNE TIGE CONTINUE**
[72] BASLER, HERMANN, CA
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2017-09-22
[41] 2018-03-30
[30] US (15/281,274) 2016-09-30

[21] **2,980,042**
[13] A1
[51] **Int.Cl. F25J 1/02 (2006.01) F25B 6/04 (2006.01) F25B 43/00 (2006.01)**
[25] EN
[54] **MIXED REFRIGERANT COOLING PROCESS AND SYSTEM**
[54] **PROCEDE DE REFROIDISSEMENT DE REFRIGERANT MELANGE ET SYSTEME**
[72] ROBERTS, MARK JULIAN, US
[72] KRISHNAMURTHY, GOWRI, US
[72] BROSTOW, ADAM ADRIAN, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2017-09-22
[41] 2018-03-27
[30] US (15/277539) 2016-09-27

[21] **2,980,056**
[13] A1
[51] **Int.Cl. D01D 5/08 (2006.01) D01F 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCTION OF MAN-MADE TEXTILE YARNS FORM WOOD FIBERS**
[54] **METHODE DE PRODUCTION DE FILS TEXTILES NON INDUSTRIELS A PARTIR DE FIBRES DE BOIS**
[72] CHRISTOPHER, LEW, CA
[72] ALAM, MD NUR, CA
[71] LAKEHEAD UNIVERSITY, CA
[22] 2017-09-25
[41] 2018-03-28
[30] US (62/400,828) 2016-09-28

[21] **2,980,130**
[13] A1
[51] **Int.Cl. B62B 9/00 (2006.01) B62B 9/24 (2006.01)**
[25] EN
[54] **STROLLER TRAY OR BUMPER BAR WITH MOVEMENT IN TWO AXES**
[54] **PLATEAU DE CHARIOT OU BARRE DE PARE-CHOCS A MOUVEMENT DANS DEUX AXES**
[72] HANSON, THOMAS C., US
[72] PHIPPS, TROY H., US
[71] HELEN OF TROY LIMITED, BB
[22] 2017-09-21
[41] 2018-03-27
[30] US (62/400,108) 2016-09-27

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[13] A1
[51] **Int.Cl. A47B 21/06 (2006.01) A47B 9/00 (2006.01) A47B 21/02 (2006.01) B65H 75/34 (2006.01)**
[25] EN
[54] **CORD SYSTEM FOR HEIGHT-ADJUSTABLE FURNITURE**
[54] **SYSTEME DE CORDON DESTINE A UN MEUBLE AJUSTABLE EN HAUTEUR**
[72] BYRNE, NORMAN R., US
[72] KNAPP, ROBERT L., US
[71] BYRNE, NORMAN R., US
[22] 2017-09-25
[41] 2018-03-26
[30] US (62/399736) 2016-09-26

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[13] A1
[51] **Int.Cl. B60P 3/22 (2006.01) B60P 1/04 (2006.01) B60P 3/24 (2006.01)**
[25] EN
[54] **HINGED BAFFLE TRANSPORT TRAILER CONTAINER**
[54] **CONTENANT DE REMORQUE DE TRANSPORT A CHICANE RETENUE PAR CHARNIERE**
[72] HECK, CORY, CA
[71] RECOVER ENERGY SERVICES INC., CA
[22] 2017-09-22
[41] 2018-03-29
[30] US (62/401,660) 2016-09-29

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[13] A1
[51] **Int.Cl. F21V 17/08 (2006.01) F21K 9/00 (2016.01) F21V 17/10 (2006.01) F21V 21/02 (2006.01)**
[25] EN
[54] **LED FIXTURE AND RECEPTACLE**
[54] **APPAREIL D'ECLAIRAGE ET RECEPTACLE**
[72] SCIANCALEPORE, JOE, US
[72] TRAWINSKI, WOJCIECH, US
[72] LESHNIAK, ITAI, US
[71] SCIANCALEPORE, JOE, US
[71] TRAWINSKI, WOJCIECH, US
[71] LESHNIAK, ITAI, US
[22] 2017-09-26
[41] 2018-03-26
[30] US (62/399956) 2016-09-26

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[13] A1
[51] **Int.Cl. A61B 34/10 (2016.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING PLEURAL INVASION FOR SURGICAL AND INTERVENTIONAL PLANNING**
[54] **SYSTEMES ET METHODES DE DETECTION D'INVASION PLEURALE EN VUE DE LA PLANIFICATION D'UNE CHIRURGIE ET D'INTERVENTION**
[72] KRIMSKY, WILLIAM S., US
[71] COVIDIEN LP, US
[22] 2017-09-25
[41] 2018-03-27
[30] US (62/400,208) 2016-09-27
[30] US (62/400,222) 2016-09-27
[30] US (15/700,902) 2017-09-11

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PERFORMING A SURGICAL NAVIGATION PROCEDURE**
[54] **SYSTEME ET METHODE DE REALISATION D'UNE INTERVENTION DE NAVIGATION CHIRURGICALE**
[72] DICKHANS, WILLIAM J., US
[71] COVIDIEN LP, US
[22] 2017-09-25
[41] 2018-03-27
[30] US (15/277,742) 2016-09-27

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[13] A1
[51] **Int.Cl. A61B 34/10 (2016.01) G16H 20/40 (2018.01)**
[25] EN
[54] **FISSURAL ASSESSMENT AND SURGICAL AND INTERVENTIONAL PLANNING**
[54] **EVALUATION DE FISSURE ET PLANIFICATION D'UNE CHIRURGIE ET D'UNE INTERVENTION**
[72] KRIMSKY, WILLIAM, US
[71] COVIDIEN LP, US
[22] 2017-09-25
[41] 2018-03-27
[30] US (62/400,208) 2016-09-27
[30] US (62/400,222) 2016-09-27
[30] US (15/700,329) 2017-09-11

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[13] A1
[51] **Int.Cl. E06B 9/42 (2006.01)**
[25] EN
[54] **SUPPORT SYSTEM FOR ROLLED MATERIAL**
[54] **SYSTEME DE SUPPORT DESTINE AU MATERIEL ENROULE**
[72] MCPHERSON, JERRY L., US
[72] FIELD, CHRISTOPHER TODD, US
[71] DRAPER, INC., US
[22] 2017-09-22
[41] 2018-03-26
[30] US (15/275,989) 2016-09-26

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[13] A1
[51] **Int.Cl. B61L 1/18 (2006.01) B61L 21/00 (2006.01) H04B 3/54 (2006.01)**
[25] EN
[54] **WAYSIDE COMMUNICATION SYSTEM USING POWER GRID LINES**
[54] **SYSTEME DE COMMUNICATION EN BORDURE DE VOIE EMPLOYANT LES LIGNES DE DISTRIBUTION ELECTRIQUE**
[72] NAGRODSKY, NICHOLAS, US
[72] LAWSON, RICHARD, US
[72] FRIES, JEFFREY, US
[72] HOUNSCHELL, JOHN, US
[72] KISS, JAMES, US
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2017-09-22
[41] 2018-03-30
[30] US (15/281,621) 2016-09-30

[21] **2,980,338**
[13] A1
[51] **Int.Cl. E03D 1/30 (2006.01) E03D 1/36 (2006.01)**
[25] EN
[54] **FLUSH VALVE**
[54] **SOUPAPE DE VIDANGE**
[72] FUNARI, MICHAEL A., US
[72] BLOCK, MARC G., US
[71] ZURN INDUSTRIES, LLC, US
[22] 2017-09-26
[41] 2018-03-26
[30] US (62/399807) 2016-09-26

[21] **2,980,340**
[13] A1
[51] **Int.Cl. B65D 1/36 (2006.01)**
[25] EN
[54] **CASELESS CONTAINER TRAY**
[54] **PLATEAU DE CONTENANT SANS ETUI**
[72] JOHNSON, BRETT, US
[72] KREIDER, JOHN, US
[72] SLAVIN, DANIEL J., US
[71] DEAN FOODS COMPANY, US
[71] DORDAN MANUFACTURING CO., US
[22] 2017-09-26
[41] 2018-03-28
[30] US (62/401,120) 2016-09-28

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[13] A1
[51] **Int.Cl. C10C 3/04 (2006.01)**
[25] EN
[54] **ASPHALT BLOW STILL WITH SECTIONALIZED COLUMNS**
[54] **SOUFFLANTE D'ASPHALTE A COLONNES SECTIONNELLES**
[72] TIBAH, DENIS MUKI, US
[72] BOSS, DANIEL E., US
[72] SOTO, NICHOLAS R., US
[71] BUILDING MATERIALS INVESTMENT CORPORATION, US
[22] 2017-09-26
[41] 2018-03-27
[30] US (62/400399) 2016-09-27

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[13] A1
[51] **Int.Cl. A45C 13/26 (2006.01) A45C 5/14 (2006.01)**
[25] EN
[54] **LUGGAGE HANDLE**
[54] **POIGNEE DE BAGAGE**
[72] MEERSSCHAERT, REINHARD, BE
[71] SAMSONITE IP HOLDINGS S.A R.L., LU
[22] 2017-09-26
[41] 2018-03-26
[30] EP (16190705.0) 2016-09-26

[21] **2,980,347**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) H04B 3/54 (2006.01)**
[25] EN
[54] **OBSTRUCTION LIGHTING SYSTEM AND PROCESS HAVING OPERATING MODES**
[54] **SYSTEME DE FEU D'OBSTACLE ET PROCEDE COMPORTANT DES MODES FONCTIONNELS**
[72] RANGE, KEITH, US
[72] BRUNER, RUSSELL, US
[71] SPX CORPORATION, US
[22] 2017-09-25
[41] 2018-03-29
[30] US (15/279,583) 2016-09-29

[21] **2,980,349**
[13] A1
[51] **Int.Cl. H04W 4/021 (2018.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR POSITIONING, VIEWING, AND SHARING VIRTUAL CONTENT**
[54] **METHODE ET SYSTEME DE POSITIONNEMENT, AFFICHAGE ET PARTAGE DE CONTENU VIRTUEL**
[72] KRISHNA, SRINIVAS, CA
[72] MILLS, DANIEL CHANTAL, CA
[72] SIDHDHARTHKUMAR, PATEL, CA
[72] THOMAS, LAURA BETH, CA
[72] JAKHU, PAVAN, CA
[72] ROSALES, EDWARD ALBERT, CA
[72] YUE, DAVID ALEXANDER, CA
[72] KHAN, NAIMUL MAFRAZ, CA
[71] AWE COMPANY LTD., CA
[22] 2017-09-27
[41] 2018-03-27
[30] CA (2,943,247) 2016-09-27

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[13] A1
[51] **Int.Cl. B60G 21/02 (2006.01) B60G 17/016 (2006.01) B60G 17/019 (2006.01) B60G 17/0195 (2006.01)**
[25] EN
[54] **ROCKING CONTROL DEVICE FOR TWO FRONT WHEELS ROCKING VEHICLE**
[54] **DISPOSITIF DE CONTROLE DE BASCULEMENT DESTINE A UN VEHICULE BASCULANT A DEUX ROUES AVANT**
[72] IGUCH, KAZUNARI, JP
[72] MORI, YOTARO, JP
[72] UEBAYASHI, YUICHI, JP
[72] MIYAGISHI, SHUNICHI, JP
[72] KAWAKAMI, TOMOHIRO, JP
[72] KANETA, HIROYUKI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-09-27
[41] 2018-03-29
[30] JP (2016-191046) 2016-09-29

[21] **2,980,374**
[13] A1
[51] **Int.Cl. B62K 5/10 (2013.01) B62K 5/00 (2013.01)**
[25] EN
[54] **ROCKING CONTROL DEVICE FOR TWO FRONT WHEELS ROCKING VEHICLE**
[54] **DISPOSITIF DE CONTROLE DE BASCULEMENT DESTINE A UN VEHICULE BASCULANT A DEUX ROUES AVANT**
[72] IGUCH, KAZUNARI, JP
[72] UEBAYASHI, YUICHI, JP
[72] KAWAKAMI, TOMOHIRO, JP
[72] MIYAGISHI, SHUNICHI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-09-27
[41] 2018-03-29
[30] JP (2016-191066) 2016-09-29

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[13] A1
[51] **Int.Cl. A47F 5/04 (2006.01) A47F 7/19 (2006.01) A47F 7/22 (2006.01) A47F 7/24 (2006.01)**
[25] EN
[54] **DISPLAY RACK**
[54] **SUPPORT DE PRESENTOIR**
[72] WINIKOFF, ROBERT, CA
[71] WINN MODULAR DISPLAYS INC., CA
[22] 2017-09-27
[41] 2018-03-27
[30] CA (2,943,123) 2016-09-27

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[13] A1
[51] **Int.Cl. F16F 9/16 (2006.01) B60G 13/08 (2006.01) F16F 9/32 (2006.01)**
[25] EN
[54] **SHOCK ABSORBER, VEHICLE, AND SNOWMOBILE**
[54] **AMORTISSEUR, VEHICULE ET MOTONEIGE**
[72] SAWAI, SEIJI, JP
[72] IMAMURA, TAKASHI, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[22] 2017-09-26
[41] 2018-03-30
[30] JP (2016-194461) 2016-09-30

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[13] A1
[51] **Int.Cl. A21C 1/14 (2006.01) A21C 1/00 (2006.01) B01F 9/02 (2006.01)**
[25] EN
[54] **CHAMBER DRUM FOR A DOUGH KNEADING DEVICE**
[54] **TAMBOUR DE CHAMBRE DESTINE A UN APPAREIL DE PETRISSAGE DE PATE**
[72] MEIER, ALEXANDER, DE
[71] WERNER & PFLEIDERER LEBENSMITTELTECHNIK GMBH, DE
[22] 2017-09-27
[41] 2018-03-27
[30] DE (10 2016 218 485.7) 2016-09-27

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[13] A1
[51] **Int.Cl. A47G 1/16 (2006.01) A47G 25/06 (2006.01) A47G 29/00 (2006.01) A47K 10/12 (2006.01) F16B 3/00 (2006.01)**
[25] EN
[54] **BACK PLATE ASSEMBLIES FOR HOME HARDWARE**
[54] **ASSEMBLAGES DE PLAQUE ARRIERE DESTINES A LA QUINCAILLERIE DE MAISON**
[72] FORREST, EARL DAVID, US
[72] EDWARDS, NEIL THOMAS, US
[72] DANIELS, JAMES LEROY, US
[71] LIBERTY HARDWARE MFG. CORP., US
[22] 2017-09-27
[41] 2018-03-30
[30] US (15/281,546) 2016-09-30

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[13] A1
[51] **Int.Cl. F17C 13/00 (2006.01)**
[25] EN
[54] **A REGULATOR ASSEMBLY FOR A PRESSURISED GAS CYLINDER**
[54] **UN MECANISME DE REGULATEUR DESTINE A UNE BONBONNE DE GAZ SOUS PRESSION**
[72] COWLES, CHRISTOPHER JOHN, GB
[71] LINDE AKTIENGESELLSCHAFT, DE
[22] 2017-09-27
[41] 2018-03-29
[30] GB (1616545.8) 2016-09-29

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[13] A1
[51] **Int.Cl. A43C 7/00 (2006.01) A43C 7/08 (2006.01) F16G 11/02 (2006.01)**
[25] EN
[54] **DEVICE FOR SECURING A KNOTTED SHOELACE**
[54] **DISPOSITIF DE FIXATION D'UN LACET NOUE**
[72] BUJALLA, SOLVEIG, SE
[71] BUJALLA, SOLVEIG, SE
[22] 2017-09-28
[41] 2018-03-30
[30] DE (10 2016 118 592.2) 2016-09-30

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[13] A1
[51] **Int.Cl. E04F 15/20 (2006.01)**
[25] EN
[54] **SOUND CONTROL UNDERLAYMENT AND FLOOR CONSTRUCTION INCORPORATING THE SAME**
[54] **THIBAUDE A ISOLATION SONORE ET CONSTRUCTION DE PLANCHER INCORPORANT LADITE THIBAUDE**
[72] DOWNEY, PAUL, CA
[72] VAZ, BRIAN, CA
[72] BYRICK, WILSON, CA
[71] PLITEQ INC., CA
[22] 2017-09-27
[41] 2018-03-30
[30] US (62/402657) 2016-09-30

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[13] A1
[51] **Int.Cl. A46B 9/00 (2006.01) A46B 7/00 (2006.01)**
[25] EN
[54] **BRUSH ASSEMBLY**
[54] **ENSEMBLE DE BROSSE**
[72] REDFORD, SARAH A., US
[72] MANNING, BENNJAMIN SCOTT, US
[71] WAL-MART STORES, INC., US
[22] 2017-09-28
[41] 2018-03-29
[30] US (62/401,400) 2016-09-29

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[13] A1
[51] **Int.Cl. B64D 11/06 (2006.01) A47C 17/16 (2006.01)**
[25] EN
[54] **AIRCRAFT SEAT WITH SEGMENTED SEATBACK FOR ACHIEVING IN-BED LOUNGE SITTING POSITION**
[54] **SIEGE D'AERONEF A DOSSER SEGMENTE SERVANT A REALISER UNE POSITION ASSISE EN CHAISE LONGUE**
[72] UDRISTE, DANIEL, US
[72] VALDES DE LA GARZA, JAVIER, US
[72] BEROTH, MICHAEL, US
[71] B/E AEROSPACE, INC., US
[22] 2017-09-28
[41] 2018-03-28
[30] US (62/401014) 2016-09-28
[30] US (15/282352) 2016-09-30

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[13] A1
[51] **Int.Cl. F16K 3/02 (2006.01) E21B 34/06 (2006.01) F16K 3/30 (2006.01) F16K 25/04 (2006.01) F16K 27/04 (2006.01)**
[25] EN
[54] **GATE VALVE PROTECTOR SLEEVE**
[54] **MANCHON PROTECTEUR DE ROBINET-VANNE**
[72] SCOTT, GREGORY J., US
[72] SAINI, SAHIL, US
[72] SWAGERTY, BRIAN, US
[71] FMC TECHNOLOGIES, INC., US
[22] 2017-09-28
[41] 2018-03-28
[30] US (62/400,858) 2016-09-28

[21] **2,980,628**
[13] A1
[51] **Int.Cl. E04B 9/18 (2006.01)**
[25] EN
[54] **CEILING ISOLATION HANGER AND FLOATING CEILING CONSTRUCTION EMPLOYING SAME**
[54] **SUPPORT D'ISOLATION DE PLAFOND ET CONSTRUCTION DE PLAFOND SUSPENDU EMPLOYANT LEDIT SUPPORT**
[72] DOWNEY, PAUL, CA
[72] GOLDEN, MATTHEW, CA
[72] BYRICK, WILSON, CA
[71] PLITEQ INC., CA
[22] 2017-09-28
[41] 2018-03-30
[30] US (62/402410) 2016-09-30

[21] **2,980,633**
[13] A1
[51] **Int.Cl. A47J 47/00 (2006.01) B26D 7/20 (2006.01)**
[25] EN
[54] **CUTTING BOARD SYSTEMS**
[54] **SYSTEMES DE PLANCHE A DECOUPER**
[72] ECKHOLM, SHERRY, US
[72] POSTER, MATTHEW J., US
[72] HARRIS, CHRISTOPHER A., US
[72] BABCOCK, KATIE, US
[72] MUENSTERMANN, MIKE, US
[72] YOUNG, MICHAEL, US
[72] ALBRECHT, BRIAN, US
[71] SAN JAMAR, INC., US
[22] 2017-09-28
[41] 2018-03-28
[30] US (62/400,664) 2016-09-28
[30] US (15/717,385) 2017-09-27

[21] **2,980,638**
[13] A1
[51] **Int.Cl. A47J 47/00 (2006.01) B26D 7/20 (2006.01)**
[25] EN
[54] **CUTTING BOARD SYSTEMS**
[54] **SYSTEMES DE PLANCHE A DECOUPER**
[72] ECKHOLM, SHERRY, US
[72] POSTER, MATTHEW J., US
[72] HARRIS, CHRISTOPHER A., US
[72] BABOCK, KATIE, US
[72] MUENSTERMANN, MIKE, US
[72] YOUNG, MICHAEL, US
[72] ALBRECHT, BRIAN, US
[71] SAN JAMAR, INC., US
[22] 2017-09-28
[41] 2018-03-28
[30] US (62/400,664) 2016-09-28
[30] US (15/717,444) 2017-09-27

[21] **2,980,640**
[13] A1
[51] **Int.Cl. E04D 1/28 (2006.01) E04D 1/12 (2006.01) E04D 1/30 (2006.01)**
[25] EN
[54] **HIP AND RIDGE SHINGLE**
[54] **BARDEAU CRETE ET CREUX**
[72] GRUBKA, LAWRENCE J., US
[72] WISE, CHRISTINA MARIE, US
[72] THIES, JOHN ALLEN, III, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[22] 2017-09-28
[41] 2018-03-28
[30] US (62/400,667) 2016-09-28

[21] **2,980,658**
[13] A1
[51] **Int.Cl. E02D 7/18 (2006.01) E02D 23/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR IMPROVED INSTALLATION OF CAISSONS**
[54] **METHODE ET APPAREIL D'INSTALLATION AMELIOREE DE CAISSONS**
[72] MAERSCH, TODD, US
[72] JACOBI, JIM, US
[72] LUND, BRENT, US
[72] ATKINSON, MATT, US
[72] MORGAN, TYLER, US
[72] LIM, HOCK, US
[71] AMERICAN TRANSMISSION COMPANY LLC, US
[22] 2017-09-26
[41] 2018-03-27
[30] US (15/603,912) 2017-05-24
[30] US (62/400,455) 2016-09-27

[21] **2,980,704**
[13] A1
[51] **Int.Cl. B61L 7/06 (2006.01) B61L 5/06 (2006.01) B61L 7/08 (2006.01)**
[25] FR
[54] **CONTROL EQUIPMENT FOR AT LEAST ONE PIECE OF EQUIPMENT ON A RAILROAD NETWORK AND ASSOCIATED RAIL SYSTEM**
[54] **EQUIPEMENT DE CONTROLE D`AU MOINS UN EQUIPEMENT A LA VOIE D`UN RESEAU FEROVIAIRE ET SYSTEME FERROVIAIRE ASSOCIE**
[72] GINIS, GUILLAUME, BE
[72] MULPAS, JULIEN, BE
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2017-09-26
[41] 2018-03-28
[30] FR (16 59 170) 2016-09-28

[21] **2,980,708**
[13] A1
[51] **Int.Cl. F16K 3/08 (2006.01) E03D 3/06 (2006.01) F16K 27/04 (2006.01) F16K 31/06 (2006.01)**
[25] EN
[54] **LOW-TORQUE VALVE AND ASSEMBLIES INCLUDING SAID VALVE**
[54] **VANNE A FAIBLE COUPLE ET DISPOSITIFS COMPORTANT LADITE VANNE**
[72] FUNARI, MICHAEL A., US
[72] BLOCK, MARC G., US
[71] ZURN INDUSTRIES, LLC, US
[22] 2017-09-26
[41] 2018-03-26
[30] US (62/399,807) 2016-09-26

[21] **2,980,726**
[13] A1
[51] **Int.Cl. B62D 25/00 (2006.01) B60G 7/00 (2006.01) B60G 7/02 (2006.01) B60P 3/00 (2006.01)**
[25] EN
[54] **MODIFIED K-MEMBER OF SUSPENSION ASSEMBLY AND METHOD OF MODIFICATION THEREOF**
[54] **ELEMENT K MODIFIE DE DISPOSITIF DE SUSPENSION ET METHODE DE MODIFICATION ASSOCIEE**
[72] PUGH, MICHAEL R., US
[72] DOSENBACH, ERIC SAJED, US
[71] THE BRAUN CORPORATION, US
[22] 2017-09-27
[41] 2018-03-29
[30] US (62/401,348) 2016-09-29
[30] US (15/715,835) 2017-09-26

[21] **2,980,755**
[13] A1
[51] **Int.Cl. E05C 19/16 (2006.01)**
[25] EN
[54] **MAGNETIC SAFETY GATE LATCH**
[54] **VERROU DE PORTE DE SECURITE MAGNETIQUE**
[72] SCHNEIDER, CHRISTOPHER M., US
[72] KIME, CRAIG, US
[72] NIZZIA, ANTONELLO, US
[72] HERITAGE, CHRISTOPHER J., US
[71] BARRETTE OUTDOOR LIVING, INC., US
[22] 2017-09-29
[41] 2018-03-30
[30] US (62/419,295) 2016-11-08
[30] US (15/281,148) 2016-09-30
[30] US (15/715,292) 2017-09-26

[21] **2,980,763**
[13] A1
[51] **Int.Cl. G01S 5/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR LOCATING EVENTS AND/OR DEVICES ON A NETWORK**
[54] **SYSTEME ET METHODE DE REPERAGE D'EVENEMENT OU D'APPAREILS SUR UN RESEAU**
[72] GILSON, ROSS, US
[72] VERSTEEG, WILLIAM CARROLL, US
[72] WOLCOTT, LAWRENCE, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2017-09-27
[41] 2018-03-30
[30] US (62/402,642) 2016-09-30

[21] **2,980,803**
[13] A1
[51] **Int.Cl. A61B 5/042 (2006.01) A61B 18/14 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **BASKET CATHETER CONFORMING TO ORGAN USING STRAIN-RELIEF ELEMENTS**
[54] **CATHETER PANIER CONFORME AUX ORGANES EMPLOYANT DES ELEMENTS DE LIBERATION DE TENSION**
[72] AUERBACH, SHMUEL, IL
[72] RAVUNA, ELIYAHU, IL
[72] BOTZER, LIOR, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-09-28
[41] 2018-03-29
[30] US (15/279,570) 2016-09-29

[21] **2,980,808**
[13] A1
[51] **Int.Cl. B61L 1/20 (2006.01) B61L 1/14 (2006.01) B61L 29/00 (2006.01)**
[25] EN
[54] **STATIONARY AUTOMATED SIGNALING EQUIPMENT INSPECTION SYSTEM USING LIDAR**
[54] **SYSTEME D'INSPECTION D'EQUIPEMENT DE SIGNALISATION AUTOMATISE STATIONNAIRE A LIDAR**
[72] KISS, JAMES, US
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2017-09-28
[41] 2018-03-30
[30] US (15/281,628) 2016-09-30

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[13] A1
[51] **Int.Cl. E21B 43/22 (2006.01) C09K 8/582 (2006.01)**
[25] EN
[54] **PROCESS FOR RECOVERY AND MOBILIZATION OF OIL CONTAINED IN POROUS MEDIA BY TENSOACTIVE BIOMOLECULES PRODUCED BY SERRATIA MARCESCENS SMSA**
[54] **PROCEDE DE RECUPERATION ET MOBILISATION D'HUILE CONTENUE DANS UN MILIEU POREUX PAR DES BIOMOLECULES TENSIOACTIVES PRODUITES PAR SERRATIA MARCESCENS SMSA**
[72] CASTORENA CORTES, GLADYS TERESA, MX
[72] ROLDAN CARRILLO, TERESA GUADALUPE, MX
[72] OLGUIN LORA, PATRICIA, MX
[71] INSTITUTO MEXICANO DEL PETROLEO, MX
[22] 2017-09-28
[41] 2018-03-30
[30] MX (MX/A/2016/012847) 2016-09-30

[21] **2,980,817**
[13] A1
[51] **Int.Cl. B60L 11/18 (2006.01) B60K 11/06 (2006.01) B60R 16/033 (2006.01)**
[25] EN
[54] **VEHICLE COMPRISING AN ELECTRICITY SUPPLY SYSTEM**
[54] **VEHICULE COMPRENANT UN SYSTEME D'APPROVISIONNEMENT D'ELECTRICITE**
[72] STEINDORFF, KONRAD, DE
[72] SCHRANK, STEFAN, DE
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2017-09-28
[41] 2018-03-30
[30] EP (16 306 286.2) 2016-09-30

[21] **2,980,837**
[13] A1
[51] **Int.Cl. B60R 9/04 (2006.01) A45C 13/00 (2006.01) A45C 13/38 (2006.01)**
[25] EN
[54] **LUGGAGE TRAY**
[54] **PLATEAU A BAGAGE**
[72] WANG, CHIU-KUEI, TW
[71] KING RACK INDUSTRIAL CO., LTD., CN
[22] 2017-09-29
[41] 2018-03-30
[30] TW (105214903) 2016-09-30

[21] **2,980,841**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 20/14 (2012.01) G06Q 30/04 (2012.01)**
[25] EN
[54] **DEVICES AND METHODS FOR DETECTING AND ADDRESSING ANOMALIES IN DATA RETRIEVAL REQUESTS**
[54] **DISPOSITIFS ET METHODES DE DETECTION ET REGLAGE DES ANOMALIES DANS LES REQUETES D'EXTRACTION DE DONNEES**
[72] SARIR, NASIM, CA
[72] THOMAS, JOHN WILLIAM, CA
[72] HEATH, SIMONA, CA
[72] LEE, DIANE, CA
[72] THOMAS, RICHARD, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2017-09-29
[41] 2018-03-30
[30] US (62/402,529) 2016-09-30

[21] **2,980,843**
[13] A1
[51] **Int.Cl. B26B 3/04 (2006.01) A23N 15/00 (2006.01)**
[25] EN
[54] **VEGETABLE STICK MAKER**
[54] **APPAREIL DE FABRICATION DE BATONNET DE LEGUME**
[72] BAGLEY, JUSTIN, US
[71] PROGRESSIVE INTERNATIONAL CORPORATION, US
[22] 2017-09-28
[41] 2018-03-28
[30] US (62/400,991) 2016-09-28
[30] US (15/717,644) 2017-09-27

[21] **2,980,844**
[13] A1
[51] **Int.Cl. B05D 1/02 (2006.01)**
[25] EN
[54] **PORTABLE INLINE PARTICULATE COATING**
[54] **REVETEMENT DE PARTICULES EN LIGNE PORTATIF**
[72] SHERMAN, SCOTT, CA
[72] O'NEIL, BILL, CA
[72] LUCAS, KURT, CA
[72] ZHANG, KEWEI, CA
[71] TRICAN WELL SERVICE LTD., CA
[22] 2017-09-29
[41] 2018-03-30
[30] US (62/402,787) 2016-09-30
[30] US (62/533,511) 2017-07-27

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[13] A1
[51] **Int.Cl. F21V 15/015 (2006.01) F21S 4/20 (2016.01) F21S 4/28 (2016.01) F21V 3/00 (2015.01) F21V 15/01 (2006.01) F21V 17/10 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **LOW VOLUME MODULAR LIGHT ASSEMBLIES**
[54] **APPAREILLAGES D'ECLAIRAGE MODULAIRE A FAIBLE VOLUME**
[72] CLARK, BRUCE, US
[72] BURT, KYLE, US
[71] 3FORM, LLC, US
[22] 2017-09-29
[41] 2018-03-30
[30] US (62/402,501) 2016-09-30

[21] **2,980,848**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR RETRIEVING AND CONSOLIDATING DATA ACCORDING TO APPORTIONMENT RULES**
[54] **SYSTEME ET METHODE D'EXTRACTION ET DE CONSOLIDATION DE DONNEES SELON DES REGLES DE REPARTITION**
[72] SARIR, NASIM, CA
[72] THOMAS, JOHN WILLIAM, CA
[72] HEATH, SIMONA, CA
[72] LEE, DIANE, CA
[72] THOMAS, RICHARD, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2017-09-29
[41] 2018-03-30
[30] US (62/402,529) 2016-09-30

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[13] A1
[51] **Int.Cl. E04B 1/74 (2006.01) E04B 1/76 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND APPARATUSES FOR INSULATING ADJACENT TO A TOP OF AN ATTIC**
[54] **SYSTEMES, METHODES ET APPAREILLAGES D'ISOLATION DE L'ESPACE ADJACENT AU PLAFOND D'UN GRENIER**
[72] NDOBO-EPOY, JEAN-PHILIPPE, US
[72] LEMBO, MICHAEL J., US
[72] DINOIA, P. TODD, US
[72] VITRY, LUC P., US
[72] JACOBS, GREGORY F., US
[72] MASSARA, VALERIO, IT
[72] BRANDT, ANDREW C., US
[71] CERTAINTEED CORPORATION, US
[22] 2017-09-29
[41] 2018-03-30
[30] US (62/402219) 2016-09-30
[30] US (62/402465) 2016-09-30
[30] US (62/446160) 2017-01-13
[30] US (62/466680) 2017-03-03

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[13] A1
[51] **Int.Cl. B62D 37/02 (2006.01) B62D 35/00 (2006.01) B62D 63/08 (2006.01) F16B 2/12 (2006.01) F16B 5/12 (2006.01)**
[25] EN
[54] **SKIRT SYSTEM MOUNT BRACKET ASSEMBLY**
[54] **DISPOSITIF DE SUPPORT DE MONTAGE DE SYSTEME DE JUPE**
[72] EMERY, AARON, US
[72] COURTNEY, MICHAEL J., US
[71] WABASH NATIONAL, L.P., US
[22] 2017-09-29
[41] 2018-03-30
[30] US (62/402,234) 2016-09-30
[30] US (15/716,672) 2017-09-27

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[13] A1
[51] **Int.Cl. B60J 10/84 (2016.01)**
[25] EN
[54] **OVERHEAD DOOR ROTATING SEAL**
[54] **JOINT PIVOTANT DE PORTE BASCULANTE**
[72] EHRLICH, RODNEY P., US
[71] WABASH NATIONAL, L.P., US
[22] 2017-09-29
[41] 2018-03-30
[30] US (62/402,228) 2016-09-30
[30] US (15/715,867) 2017-09-26

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[13] A1
[51] **Int.Cl. F16B 5/12 (2006.01) B60R 13/02 (2006.01)**
[25] EN
[54] **FASTENER LOCATING AND RETENTION DESIGN TO ACCOMMODATE PART EXPANSION AND CONTRACTION**
[54] **CONCEPT DE REPERAGE ET RETENUE DE FIXATION SERVANT A ACCOMMODER LA DILATATION ET LA CONTRACTION D'UNE PIECE**
[72] DOBBS, DANIEL R., US
[72] ENGELE, GREGORY A., US
[71] MAGNA EXTERIORS INC., CA
[22] 2017-09-29
[41] 2018-03-29
[30] US (62/401,577) 2016-09-29

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[13] A1
[51] **Int.Cl. A47J 37/06 (2006.01) A47J 37/07 (2006.01) F23H 1/00 (2006.01)**
[25] EN
[54] **COOKING GRATE WITH ADJUSTABLE HEATING CHARACTERISTICS**
[54] **GRILLE DE CUISSON A CARACTERISTIQUES DE CHAUFFAGE AJUSTABLES**
[72] AHMED, MALLIK, US
[71] W.C. BRADLEY CO., US
[22] 2017-09-29
[41] 2018-03-29
[30] US (62/401,543) 2016-09-29
[30] US (15/718,225) 2017-09-28

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[13] A1
[51] **Int.Cl. E01H 5/02 (2006.01)**
[25] EN
[54] **SHOVEL ASSEMBLY**
[54] **ENSEMBLE DE PELLE**
[72] FRENCH, NICHOLAS, US
[71] FRENCH, NICHOLAS, US
[22] 2017-09-29
[41] 2018-03-29
[30] US (62/401,503) 2016-09-29
[30] US (15/718,404) 2017-09-28

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[13] A1
[51] **Int.Cl. A47F 5/00 (2006.01) A47F 7/00 (2006.01) G09F 9/30 (2006.01) F21S 4/20 (2016.01)**
[25] EN
[54] **PRESENTATION DEVICE, IN PARTICULAR FOR GOODS**
[54] **DISPOSITIF DE PRESENTATION, EN PARTICULIER DE BIENS**
[72] RAU, OTMAR, DE
[71] GESA FORM + FUNKTION DISPLAYBAU GMBH, DE
[22] 2017-09-28
[41] 2018-03-30
[30] DE (10 2016 118 623.6) 2016-09-30

[21] **2,980,879**
[13] A1
[51] **Int.Cl. B27B 31/00 (2006.01)**
[25] EN
[54] **LUMBER TRANSFER SYSTEM WITH INDIVIDUALLY CONTROLLED GRASPING FINGERS**
[54] **SYSTEME DE TRANSFERT DE BOIS D'OEUVRE A DOIGTS PREHENSEURS CONTROLES INDI VIDUELLEMENT**
[72] LEPAGE, FRANCIS, CA
[72] BEAUDET, LOUIS, CA
[71] CARBOTECH INTERNATIONAL, CA
[22] 2017-09-27
[41] 2018-03-27
[30] US (62/400,270) 2016-09-27

[21] **2,980,881**
[13] A1
[51] **Int.Cl. H04L 29/02 (2006.01) G06Q 20/14 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS AND METHODS FOR DETERMINING SUGGESTED ACTION INITIATION TIMES FOR INTERACTIONS**
[54] **DISPOSITIFS, SYSTEMES ET METHODES DE DETERMINATION DE MOMENTS D'INITIATION SUGGERES D'INTERACTIONS**
[72] SARIR, NASIM, CA
[72] THOMAS, JOHN WILLIAM, CA
[72] HEATH, SIMONA, CA
[72] LEE, DIANE, CA
[72] THOMAS, RICHARD, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2017-09-29
[41] 2018-03-30
[30] US (62/402,529) 2016-09-30

[21] **2,980,891**
[13] A1
[51] **Int.Cl. E06B 1/70 (2006.01) E03F 1/00 (2006.01) E03F 5/04 (2006.01)**
[25] EN
[54] **THRESHOLD TRENCH DRAIN**
[54] **CANIVEAU DE SEUIL**
[72] PRIESTER, DONALD ELWYN, US
[71] SMITH INDUSTRIES, INC. D/B/A JAY R. SMITH MFG.CO., US
[22] 2017-09-29
[41] 2018-03-29
[30] US (15/280295) 2016-09-29

[21] **2,980,900**
[13] A1
[51] **Int.Cl. A61F 2/95 (2013.01)**
[25] EN
[54] **SELF-EXPANDING DEVICE DELIVERY APPARATUS WITH DUAL FUNCTION BUMP**
[54] **APPAREIL DE DISTRIBUTION DE DISPOSITIF AUTO-DEPLOYANT A BOSSE DOUBLE FONCTION**
[72] GOROCHOW, LACEY, US
[71] DEPUY SYNTHES PRODUCTS, INC., US
[22] 2017-09-28
[41] 2018-03-30
[30] US (15/281,974) 2016-09-30

[21] **2,980,901**
[13] A1
[51] **Int.Cl. A47K 1/14 (2006.01) E03C 1/264 (2006.01) F16L 55/24 (2006.01)**
[25] EN
[54] **INTERNAL DRAIN HAIR AND DEBRIS STRAINING ASSEMBLY**
[54] **ENSEMBLE DE CREPINE DE DRAIN INTERNE SERVANT A RETENIR LES CHEVEUX ET LES DEBRIS**
[72] SCHUSTER, MICHAEL J., US
[71] DANCO, INC., US
[22] 2017-09-29
[41] 2018-03-29
[30] US (62/401,536) 2016-09-29
[30] US (15/720,280) 2017-09-29

[21] **2,980,903**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06Q 20/14 (2012.01)**
[25] EN
[54] **AUTOMATIC HISTORICAL ANALYSIS OF DATA EXCHANGE**
[54] **ANALYSE D'HISTORIQUE AUTOMATIQUE D'ECHANGE DE DONNEES**
[72] LEE, JOHN JONG-SUK, CA
[72] HALDENBY, PERRY AARON JONES, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2017-09-29
[41] 2018-03-30
[30] US (62/402,529) 2016-09-30

[21] **2,981,014**
[13] A1
[51] **Int.Cl. C10G 1/02 (2006.01)**
[25] EN
[54] **PROCESS FOR SIMULTANEOUS REMOVAL OF ARSENIC AND SULPHUR FROM HYDROCARBON STREAMS**
[54] **PROCEDE D'ELIMINATION SIMULTANEE D'ARSENIC ET DE SOUFRE DES FLUX D'HYDROCARBURES**
[72] DE SOUZA, WLADMIR FERRAZ, BR
[72] DUARTE, MARCUS VINICIUS EIFFLE, BR
[72] ERNST, LILIAN, BR
[72] ERNST, CARMEN LUCIA TAVARES DA SILVA, BR
[71] PETROLEO BRASILEIRO S.A. - PETROBRAS, BR
[22] 2017-09-29
[41] 2018-03-29
[30] BR (BR 10 2016 022626-0) 2016-09-29

[21] **2,981,017**
[13] A1
[51] **Int.Cl. F16J 15/3232 (2016.01) F16J 15/3224 (2016.01) F16J 15/324 (2016.01)**
[25] EN
[54] **GIMBAL SYSTEM WITH DUAL-WIPER GASKET FOR A ROTARY SEAL**
[54] **SYSTEME DE SUSPENSION A CARDAN DOTE D'UN JOINT DOUBLE BALAI DESTINE A UN JOINT D'ETANCHEITE ROTATIF**
[72] WEAVER, JAMES H., US
[72] ELLISON, BRUCE, US
[72] WATKINS, CHRIS L., US
[71] FLIR SYSTEMS, INC., US
[22] 2017-09-29
[41] 2018-03-30
[30] US (62/402,575) 2016-09-30

[21] **2,981,022**
[13] A1
[51] **Int.Cl. A23L 29/219 (2016.01) A23L 23/00 (2016.01) A23L 27/00 (2016.01) A23L 27/10 (2016.01) A23L 27/14 (2016.01) A23L 29/262 (2016.01) A23P 20/10 (2016.01)**
[25] EN
[54] **DRY BARBEQUE MIX THICKENABLE WITHOUT HEATING**
[54] **MELANGE BARBECUE SEC POUVANT ETRE EPAISSI SANS CHAUFFAGE**
[72] HERSHKOWITZ, MICHAEL, US
[72] VARELLAS, AMANDA FACELLE, US
[72] MISHRA, RITU, US
[72] CHAN, HUBERT, US
[72] DONALD, ELIZABETH L., US
[72] KOGA, CLARISSA, US
[71] THE CLOROX COMPANY, US
[22] 2017-09-29
[41] 2018-03-30
[30] US (62/402,596) 2016-09-30
[30] US (15/718,508) 2017-09-28

[21] **2,981,293**
[13] A1
[51] **Int.Cl. F16D 3/70 (2006.01) E21B 7/08 (2006.01) E21B 17/04 (2006.01) F16D 3/12 (2006.01)**
[25] EN
[54] **BHA TRANSMISSION WITH LAMINATED RUBBER BEARINGS**
[54] **TRANSMISSION DE BHA A PALIERS EN CAOUTCHOUC STRATIFIES**
[72] LU, JING, US
[72] CARIVEAU, PETER THOMAS, US
[71] BASINTEK, LLC, US
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[41] 2018-03-30
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[54] **SUNFLOWER, FLAX, CAMELINA OR HEMP MEAL-BASED TOFU-LIKE PRODUCT**
[54] **PRODUIT RESSEMBLANT A DU TOFU A BASE DE MATIERE DE TOURNESOL, LIN, CAMELINE OU CHANVRE**
[72] GRAHAM, DARCELLE JULIE, CA
[72] HOUSE, JAMES DUNCAN, CA
[72] MURPHY, LEE ANNE, CA
[71] GRAHAM, DARCELLE JULIE, CA
[71] HOUSE, JAMES DUNCAN, CA
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[54] **SYSTEMS AND METHODS FOR PROVIDING CASH REDEMPTION TO A THIRD PARTY**
[54] **SYSTEMES ET METHODES DE FOURNITURE DE REMBOURSEMENT EN ESPECES A UN TIERS PARTI**
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[72] DAVEY, PETER, US
[72] AGRAWAL, ABHINAV, US
[72] MILLER, WALTER AVERY, US
[71] CAPITAL ONE SERVICES, LLC, US
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[54] **INTERFACE UTILISATEUR DYNAMIQUE DESTINEE A LA DIVISION D'ECHANGE DE DONNEES**
[72] HALDENBY, PERRY AARON JONES, CA
[72] CHOW, ARTHUR CARROLL, CA
[72] NGUYEN, ANTHONY HAITUYEN, CA
[72] PATEL, HET ANAND, CA
[72] DOYLE, CASEY LYN, CA
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[54] **SYSTEMES ET PROCEDES POUR DETERMINER UN ANGLE DE REPOS D'UNE LENTILLE ASYMETRIQUE**
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[71] COOPERVISION INTERNATIONAL HOLDING COMPANY, LP, BB
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[54] **HONEYCOMB SANDWICH SHEET OR PANEL, BASED ON POLYPROPYLENE, WITH A CENTRAL THERMOFORMED FILM**
[54] **FEUILLE OU PANNEAU SANDWICH EN NID D'ABEILLE A BASE DE PROLYPROPYLENE COMPRENANT UN FILM CENTRAL THERMOFORME**
[72] PECCETTI, ERALDO, IT
[71] COLINES S.P.A., IT
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[54] **SYNCHRONISATION DE TRANSMISSION DE MESSAGE D'EVENEMENT DE SECURITE DANS UNE COMMUNICATION A COURTE PORTEE DEDIEE (DSRC)**
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[72] MISENER, JAMES ALAN, US
[71] QUALCOMM INCORPORATED, US
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[54] **NUCLEIC ACID SEQUENCING METHODS AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES DE SEQUENCAGE D'ACIDE NUCLEIQUE**
[72] VIJAYAN, KANDASWAMY, US
[72] TU, EUGENE, US
[72] BERNARD, MARK A., US
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[54] **PROCEDE DE LUTTE CONTRE L'APPAUVRISSEMENT EN SUBSTANCES NUTRITIVES DES SOLS AGRICOLES**
[72] GERECKE, THOMAS J., US
[72] CRAWFORD, GREGORY A., US
[72] AJWA, HUSEIN, US
[72] BAYER, MONTELL L., US
[72] BREEN, JOHN, US
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[54] **PROCEDES ET COMPOSITIONS POUR LA CARACTERISATION DE TUMEURS DE GLIOBLASTOME MULTIFORME ET DE CELLULES SOUCHES DE CANCER**
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[54] **MICROSCOPE TRACKING BASED ON VIDEO ANALYSIS**
[54] **SUIVI AU MICROSCOPE FONDE SUR L'ANALYSE VIDEO**
[72] FLOSSMANN, SVEN, DE
[71] BRAINLAB AG, DE
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[54] **METHOD FOR CONVEYING CONCENTRATED SOLAR POWER**
[54] **METHODE DE TRANSPORT D'ENERGIE SOLAIRE CONCENTREE**
[72] NORDIN, KENNETH, SK
[72] MATTSSON, MATS OLOF ERIK, SE
[71] RODLUVAN INC., US
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[54] **A BUSBAR ASSEMBLY WITH A BUS BAR CONDUCTOR COUPLED THERMALLY AND ELECTRICALLY WITH A HEAT TRANSFER LINE**
[54] **ENSEMBLE BARRE OMNIBUS AVEC CONDUCTEUR DE BARRE OMNIBUS COUPLE THERMIQUEMENT ET ELECTRIQUEMENT AVEC UNE LIGNE DE TRANSFERT DE CHALEUR**
[72] GREGOIRE, JEROME, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[54] **METHOD AND DEVICE FOR SEPARATING COMPOSITE MATERIALS AND MIXTURES, IN PARTICULAR SOLID-MATERIAL MIXTURES AND SLAGS**
[54] **PROCEDE ET DISPOSITIF POUR SEPARER DES MATERIAUX COMPOSITES ET DES MELANGES, EN PARTICULIER DES MELANGES DE MATIERES SOLIDES ET DES SCORIES**
[72] GRAF, DENIZ, CH
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[54] **METHOD AND SYSTEM FOR IMAGING IN A LUMINAIRE**
[54] **PROCEDE ET SYSTEME D'IMAGERIE DANS UN LUMINAIRE**
[72] NGUYEN, VINH-LOC, CA
[72] GEGUINE, GLEB, CA
[72] TIAN, TAI-PENG, US
[71] GE LIGHTING SOLUTIONS, LLC, US
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[54] **SYSTEME DE RECEPTEUR AUDIO SANS FIL MULTICANAL FLEXIBLE**
[72] KUNDMANN, THOMAS J., US
[72] GOODSON, MICHAEL, US
[72] MAMOLA, ROBERT, US
[72] MEUNIER, JEFFREY ARTHUR, US
[72] SZOPKO, ROBERT, US
[72] TANG, YANG, US
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[54] **SYSTEME INFORMATISE D'ASSISTANCE EN SALLE D'OPERATION**
[72] KADZIAUSKAS, KENNETH E., US
[72] HUNTER, TIMOTHY L., US
[72] PEDROZA, JOSEPH E., US
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[54] **SYSTEME DE COMMUNICATION D'AUTOMATISATION DE MAISON**
[72] EYRING, MATTHEW J., US
[72] WARREN, JEREMY B., US
[72] NYE, JAMES E., US
[71] VIVINT, INC., US
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[54] **POLYPEPTIDES DE FUSION APOA-1 AINSI QUE COMPOSITIONS ET PROCEDES ASSOCIES**
[72] HAYDEN-LEDBETTER, MARTHA S., US
[72] LEDBETTER, JEFFREY A., US
[72] MONTES, VINCE, US
[71] THERIPION, INC., US
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[54] **INTEGRATED HIGH DENSITY SERVER VAULT WITH HVAC UPS BACKUP**
[54] **REFERENTIEL DE SERVEUR HAUTE DENSITE INTEGRE COMPRENANT UNE SAUVEGARDE UPS HVAC**
[72] LECKELT, LINDSEY, CA
[72] VETSCH, RYAN, CA
[72] BOUDREAU, BENOIT, CA
[71] REVOLVER 26 INVESTMENT CORPORATION, US
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[54] **MATERIAU DE CONSTRUCTION EXTERIEURE DU TYPE BRIQUE A BASE DE POLYMERE**
[72] SERINO, ROLAND, US
[72] PRESTON, WILLIAM M., US
[72] LOMBARDI, ROBERT, US
[71] DRYVIT SYSTEMS, INC., US
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[25] EN
[54] **MICROFLUIDIC DELIVERY SYSTEM AND CARTRIDGE HAVING AN OUTER COVER**
[54] **SYSTEME DE DISTRIBUTION MICROFLUIDIQUE ET CARTOUCHE AYANT UN COUVERCLE EXTERNE**
[72] GRUENBACHER, DANA PAUL, US
[72] DIEHL, MARTIN, DE
[72] SCHEELE, JANNIK, DE
[72] SCHEFFELIN, JOSEPH EDWARD, US
[72] SCHOBER, UWE, DE
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **MICROFLUIDIC DELIVERY SYSTEM AND CARTRIDGE HAVING AN OUTER COVER**
[54] **SYSTEME DE DISTRIBUTION MICROFLUIDIQUE ET CARTOUCHE COMPRENANT UN COUVERCLE EXTERNE**
[72] GRUENBACHER, DANA PAUL, US
[72] DIEHL, MARTIN, DE
[72] SCHEELE, JANNIK, DE
[72] SCHEFFELIN, JOSEPH EDWARD, US
[72] SCHOBER, UWE, DE
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[54] **SYSTEMS AND METHODS FOR PROVIDING DYNAMIC ROBOTIC CONTROL SYSTEMS**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR DES SYSTEMES DE COMMANDE ROBOTIQUE DYNAMIQUE**
[72] WAGNER, THOMAS, US
[72] AHEARN, KEVIN, US
[72] DAWSON-HAGGERTY, MICHAEL, US
[72] GEYER, CHRISTOPHER, US
[72] KOLETSCHKA, THOMAS, US
[72] MARONEY, KYLE, US
[72] MASON, MATTHEW, US
[72] PRICE, GENE TEMPLE, US
[72] ROMANO, JOSEPH, US
[72] SMITH, DANIEL, US
[72] SRINIVASA, SIDDHARTHA, US
[72] VELAGAPUDI, PRASANNA, US
[72] ALLEN, THOMAS, US
[71] BERKSHIRE GREY INC., US
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[25] EN
[54] **POWERED SURGICAL DRILL WITH INTEGRAL DEPTH GAUGE THAT INCLUDES A PROBE THAT SLIDES OVER THE DRILL BIT**
[54] **PERCEUSE CHIRURGICALE MOTORISEE PRESENTANT UNE JAUGE DE PROFONDEUR INTEGREE QUI COMPREND UNE SONDE QUI COULISSE SUR LE TREPAN**
[72] CARUSILLO, STEVE, US
[71] STRYKER CORPORATION, US
[85] 2018-03-02
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[54] **HIGH SHOT DENSITY PERFORATING GUN**
[54] **PERFORATEUR A HAUTE DENSITE DE TIR**
[72] GEERTS, SHAUN M., US
[72] WOOD, JEFFREY D., US
[71] OWEN OIL TOOLS LP, US
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[86] 2016-09-01 (PCT/US2016/049938)
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[30] US (62/213,235) 2015-09-02
[30] US (15/253,057) 2016-08-31

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[54] **TRAITEMENT DE KEROGENE DANS DES FORMATIONS SOUTERRAINES**
[72] HULL, KATHERINE LEIGH, US
[72] AL-MUNTASHERI, GHAITHAN A., US
[72] ABOUSLEIMAN, YOUNANE N., US
[72] JACOBI, DAVID, US
[71] SAUDI ARABIAN OIL COMPANY, SA
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[25] EN
[54] **SYSTEMS FOR TREATMENT OF DISEASE VIA APPLICATION OF MECHANICAL FORCE BY CONTROLLED ROTATION OF NANOPARTICLES INSIDE CELLS**
[54] **SYSTEMES DE TRAITEMENT DE LA MALADIE PAR APPLICATION D'UNE FORCE MECANIQUE PAR ROTATION CONTROLEE DE CELLULES A L'INTERIEUR DE NANOPARTICULES**
[72] KIRCHER, MORITZ F., US
[72] RENSTROM, ERIK, SE
[72] KOCH, MARTIN, DK
[72] STETTER, ERNST, DE
[72] REIS, THOMAS, DE
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
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[25] EN
[54] **COMBINATION COMPRISING IMMUNOSTIMULATORY OLIGONUCLEOTIDES**
[54] **COMBINAISON COMPRENANT DES OLIGONUCLEOTIDES IMMUNOSTIMULATEURS**
[72] SCHROFF, MATTHIAS, DE
[72] SCHMIDT, MANUEL, DE
[72] KAPP, KERSTIN, DE
[72] ZURLO, ALFREDO, DE
[71] MOLOGEN AG, DE
[85] 2018-03-02
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[25] EN
[54] **SOLID SOLUBLE FERRIC PYROPHOSPHATE FORMULATIONS, KITS, AND METHODS USING THE SAME**
[54] **FORMULATIONS SOLIDES DE PYROPHOSPHATE FERRIQUE SOLUBLE, KITS, ET METHODES D'UTILISATION DE CEUX-CI**
[72] CHIOINI, ROBERT, US
[72] GUPTA, AJAY, US
[71] ROCKWELL MEDICAL, INC., US
[85] 2018-03-01
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[54] **PROCEDES DE DIAGNOSTIC ET D'EVALUATION D'UNE STEATOHEPATITE NON ALCOOLIQUE**
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[72] CORDONNIER, GENEVIEVE, FR
[72] BROZEK, JOHN, FR
[72] PRACA, EMILIE, FR
[72] BEN SUDRIK, FOUAD, FR
[71] GENFIT, FR
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[54] **SYSTEMES ET PROCEDES ASSISTES PAR DEPRESSION PERMETTANT DE SOIGNER LES CHEVEUX**
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[72] COOPER, FOSTER, US
[72] ISAACSON, DEBRA, GB
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[54] **NANO-LEVEL EVALUATION OF KEROGEN-RICH RESERVOIR ROCK**
[54] **EVALUATION DE NIVEAU NANOMETRIQUE DE ROCHE-MAGASIN RICHE EN KEROGENE**
[72] HULL, KATHERINE LEIGH, US
[72] ABOUSLEIMAN, YOUNANE N., US
[72] CSUTAK, SEBASTIAN, US
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **1-(4-(2-((1-(3,4-DIFLUOROPHENYL)-1H-PYRAZOL-3-YL)METHOXY)ETHYL) PIPERAZIN-1-YL)ETHANONE SALTS**
[54] **SELS DE 1-(4-(2-((1-(3,4-DIFLUOROPHENYL)-1H-PYRAZOL-3-YL)METHOXY)ETHYL) PIPERAZIN-1-YL)ETHANONE**
[72] TORRENS-JOVER, ANTONI, ES
[72] ALMANSA ROSALES, CARMEN, ES
[71] LABORATORIOS DEL DR. ESTEVE, S.A., ES
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[54] **ENGRAIS A BASE D'UREE-NITRATE D'AMMONIUM**
[72] GARCIA MARTINEZ, RAFAEL ALBERTO, CA
[72] ALLAIS, CYRILLE PAUL, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **OUTILS ET METHODES D'OSTEOTOMIE EN CHEVRON**
[72] WOODARD, JOSEPH RYAN, US
[72] FREE, DANIEL E., US
[72] THOREN, BRIAN, US
[72] EDIE, JASON, US
[72] LEITHER, ANDY, US
[72] KAY, DAVID, US
[72] PERERA, ANTHONY, GB
[72] DENHARTOG, BRYAN, US
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[54] **APPAREIL DESTINE A UNE COMMUNICATION VIDEO**
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[71] HUDDLE ROOM TECHNOLOGY S.R.L., IT
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[54] **PROCESS FOR RECOVERING A METALLIC COMPONENT**
[54] **PROCEDE DE RECUPERATION D'UN COMPOSANT METALLIQUE**
[72] COLIJN, HENDRIK ALBERTUS, NL
[72] DE VLIEGER, DIONYSIUS JACOBUS MARIA, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **CADENAS POUR BICYCLETTE MODULAIRE**
[72] HILTON, MICHAEL, US
[72] BERTINO, ROBERT, US
[72] VASQUEZ, WENDY, US
[71] CUBIC CORPORATION, US
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[54] **HYDROGELS TRIDIMENSIONNELS POUR LA CULTURE D'ORGANOIDES**
[72] LUTOLF, MATTHIAS, CH
[72] GJOREVSKI, NIKOLCE, CH
[71] ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE, CH
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[54] **IMPROVED METHOD FOR FORMING A PIPE LINING OF A CYLINDER HEAD AND CYLINDER HEAD THUS OBTAINED**
[54] **PROCEDE AMELIORE DE FORMATION D'UN REVETEMENT DE CONDUIT DE CULASSE ET CULASSE AINSI OBTENUE**
[72] KERAMPRAN, PATRICK, FR
[72] MASSINON, DENIS, FR
[71] MONTUPET S.A., FR
[71] SIFCO APPLIED SURFACE CONCEPTS, FR
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[54] **IMPROVED END EFFECTOR FOR WOUND CLOSURE DEVICE**
[54] **EFFECTEUR D'EXTREMITE AMELIORE POUR DISPOSITIF DE FERMETURE DE PLAIE**
[72] PERKINS, JASON T., US
[72] NAWROCKI, JESSE, US
[72] HUFF, JASON, US
[72] LINDH, DAVID C., SR., US
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[54] **BATTERIE DE FEU D'ARTIFICE MODIFIABLE**
[72] THIEME, RINGO, DE
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[54] **8-[6-[3-(AMINO)PROPOXY]-3-PYRIDYL]-1 -ISOPROPYL-IMIDAZO[4,5-C]QUINOLIN-2-ONE DERIVATIVES AS SELECTIVE MODULATORS OF ATAXIA TELANGIECTASIA MUTATED (ATM) KINASE FOR THE TREATMENT OF CANCER**
[54] **DERIVES 8-[6-[3-(AMINO)PROPOXY]-3-PYRIDYL]-1-ISOPROPYL-IMIDAZO[4,5-C]QUINOLEIN-2-ONE UTILISES EN TANT QUE MODULATEURS SELECTIFS DE L'ATAXIE TELANGIECTASIE MUTEE (ATM) KINASE POURLE TRAITEMENT DU CANCER**
[72] PIKE, KURT GORDON, GB
[72] BARLAAM, BERNARD CHRISTOPHE, GB
[72] HUNT, THOMAS ANTHONY, GB
[72] EATHERTON, ANDREW JOHN, GB
[71] ASTRAZENECA AB, SE
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[72] OPIETNIK, MARTINA, AT
[72] GOLDHALM, GISELA, AT
[72] FIRGO, HEINRICH, AT
[71] LENZING AKTIENGESELLSCHAFT, AT
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[54] **PROCEDES DE MESURE ET DE CONTROLE MICROBIEN**
[72] FAJT, JAMES, US
[72] ZAMBRANO, ABRAHAM, US
[71] M-I L.L.C., US
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[54] **PENDANT EPOXIDE POLYMERS AND METHODS OF TREATING SUBTERRANEAN FORMATIONS**
[54] **POLYMERES D'EPOXYDE PENDANT ET PROCEDES DE TRAITEMENT DE FORMATIONS SOUTERRAINES**
[72] REDDY, B. RAGHAVA, US
[71] SAUDI ARABIAN OIL COMPANY, SA
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[25] EN
[54] **MALEIC ANHYDRIDE POLYMERS AND METHODS OF TREATING SUBTERRANEAN FORMATIONS**
[54] **POLYMERES D'ANHYDRIDE MALEIQUE ET PROCEDES DE TRAITEMENT DE FORMATIONS SOUTERRAINES**
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[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **ENSEMBLES REVETEMENTS DE SOLS MODULAIRES**
[72] MCINTOSH, JONATHAN, US
[72] HEIB, RICK, US
[72] WURTELE, CHRIS, US
[72] NEUBAUM, STEVE, US
[71] COMC, LLC, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR TREATING PATIENTS HAVING A GENETIC PREDISPOSITION TO DEVELOP PROSTATE CANCER**
[54] **SYSTEMES ET PROCEDES POUR LE TRAITEMENT DE PATIENTS AYANT UNE PREDISPOSITION GENETIQUE A DEVELOPPER UN CANCER DE LA PROSTATE**
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[72] ENDERS, GREG, US
[72] GOLEMIS, ERICA, US
[72] NICOLAS, EMMANUELLE, US
[72] SEREBRIISKII, ILYA, US
[71] INSTITUTE FOR CANCER RESEARCH D/B/A THE RESEARCH INSTITUTE OF FOX CHASE CANCER CENTER, US
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[25] EN
[54] **THERAPEUTIC COMPOUNDS FOR PAIN AND SYNTHESIS THEREOF**
[54] **COMPOSES THERAPEUTIQUES CONTRE LA DOULEUR ET SYNTHESE DE CEUX-CI**
[72] DECORTE, BART LIEVEN DANIEL, US
[72] RUSSCHER, JACOB CORNELIS, NL
[72] MONNEE, MENNO CORNELIS FRANCISCUS, NL
[71] JANSSEN PHARMACEUTICA NV, BE
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[54] **POLYMERIC BILE ACID NANOCOMPOSITIONS TARGETING THE PANCREAS AND COLON**
[54] **NANOCOMPOSITIONS D'ACIDE BILIAIRE POLYMERE VISANT LE PANCREAS ET LE COLON**
[72] FAHMY, TAREK M., US
[72] LEE, JUNG SEOK, US
[72] KIM, DONGIN, US
[71] YALE UNIVERSITY, US
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[25] EN
[54] **INFUSION SYSTEMS, CONNECTORS FOR USE WITH CATHETER DEVICES, AND RELATED METHODS**
[54] **SYSTEMES DE PERFUSION, CONNECTEURS POUR UNE UTILISATION AVEC DES DISPOSITIFS DE CATHETER, ET PROCEDES ASSOCIES**
[72] WOEHR, KEVIN, DE
[72] FREIGANG, HELMUT, DE
[72] BELLENOIT, MATTHEW, US
[72] BRUNETTI, BRUCE, US
[72] MOYER, SCOTT, US
[72] STARNER, FRANK, US
[72] SUTTON, TOM, US
[72] WEBER, STEVE, US
[72] WOZNIAK, CHERYL, US
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[54] **DERIVES DE SPINOSYNES SERVANT D'INSECTICIDES**
[72] CALABRESE, ANDREW, US
[72] GREEN, BRIAN MICHAEL, US
[72] SPRING, DAVID R., GB
[72] CASSAYRE, JEROME YVES, FR
[72] CONFALONE, PASQUALE N., US
[71] AGRIMETIS, LLC, US
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[25] EN
[54] **THERAPEUTIC COMPOUND FOR PAIN AND SYNTHESIS THEREOF**
[54] **COMPOSE THERAPEUTIQUE CONTRE LA DOULEUR ET SA SYNTHESE**
[72] DECORTE, BART LIEVEN DANIEL, US
[72] RUSSCHER, JACOB CORNELIS, NL
[72] MONNEE, MENNO CORNELIS FRANCISCUS, NL
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[25] EN
[54] **WIND ENERGY INSTALLATION AND METHOD FOR CONTROLLING A COOLING OF A WIND ENERGY INSTALLATION**
[54] **EOLIENNE ET PROCEDE DE COMMANDE DU REFROIDISSEMENT D'UNE EOLIENNE**
[72] DE VRIES, JAN, DE
[72] ENSKONATUS, KAI, DE
[72] KONITZ, MALTE, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[54] **PROTEINE DE FUSION**
[72] VALENTA, RUDOLF, AT
[72] CORNELIUS, CAROLIN, AT
[71] VIRAVAXX AG, AT
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[54] **METHOD FOR INDUCING DIFFERENTIATION OF STEM CELLS**
[54] **PROCEDE D'INDUCTION DE LA DIFFERENCIATION DE CELLULES SOUCHES**
[72] FEITZ, WOUTER FRANCISCUS JOANNES, NL
[72] OOSTERWIJK, EGBERT, NL
[72] MIHAILA, SILVIA MARIA, NL
[72] ROWAN, ALAN EDWARD, NL
[71] STICHTING KATHOLIEKE UNIVERSITEIT, NL
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[25] EN
[54] **MEASURING ROTATIONAL POSITION OF LENTICULAR LENS SHEET**
[54] **MESURAGE DE POSITION ANGULAIRE DE FEUILLE DE VERRE LENTICULAIRE**
[72] MARSMAN, HERMAN GEERT, NL
[72] ZUIDEMA, HANS, NL
[72] RIEMENS, ABRAHAM KAREL, NL
[72] CREMERS, MICHAEL, NL
[72] WOUTERS, JOHANNES HUBERTINA PETRUS, NL
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[25] EN
[54] **METHOD FOR FETCHING A TARGET BIN STORED IN A STORAGE SYSTEM**
[54] **PROCEDE POUR EXTRAIRE UN CASIER CIBLE DANS UN SYSTEME DE STOCKAGE**
[72] HOGNALAND, INGVAR, NO
[71] AUTOSTORE TECHNOLOGY AS, NO
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[54] **PROCEDE, APPAREIL ET SYSTEME DE RADIOTHERAPIE**
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[72] DOKE, ANIRUDDHA, US
[71] SIRTEX MEDICAL INC., US
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[54] **EPITOPES ASSOCIES AUX ALLERGIES DE SOJA**
[72] KERN, KAROLIN, DE
[72] SPIEGEL, HOLGER, DE
[72] HAVENITH, HEIDE, DE
[72] SZARDENINGS, MICHAEL, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[25] EN
[54] **METHOD FOR MAKING LIGNOCELLULOSIC PAPER AND PAPER PRODUCTS**
[54] **PROCEDE DE FABRICATION DE PAPIER LIGNOCELLULOSIQUE ET DE PRODUITS DE PAPIER**
[72] SHEKHAWAT, SUJAN SINGH, US
[71] SOLENIS TECHNOLOGIES, L.P., CH
[85] 2018-03-02
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[54] **PERSONAL PROTECTIVE EQUIPMENT AND METHODS OF MONITORING TIME OF USAGE OF PERSONAL PROTECTIVE EQUIPMENT**
[54] **EQUIPEMENT PROTECTEUR PERSONNEL ET PROCEDES DE SURVEILLANCE DE TEMPS D'UTILISATION DE L'EQUIPEMENT PROTECTEUR PERSONNEL**
[72] AWISZUS, STEVEN T., US
[72] BAHNERS, MICHAEL, DE
[72] BIALLUCH, ROBERT, DE
[72] BRUECKMANN, NADINE E., DE
[72] HERFORT, FRANK T., DE
[72] KANUKURTHY, KIRAN S., US
[72] LIERSE, MARKUS GUNTHER WILFRIED, DE
[72] LOBNER, ERIC C., US
[72] MURPHY, HUGH GERARD HENRY TRACEY, US
[72] STALDER, MICHAEL H., DE
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **NOUVEAU POLYPEPTIDE D'ENDOLYSINE**
[72] LOESSNER, MARTIN JOHANNES, CH
[72] EICHENSEHER, FRITZ, CH
[71] MICREOS HUMAN HEALTH B.V., NL
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[54] **SPINOSYN DERIVATIVES AS INSECTICIDES**
[54] **DERIVES DE SPINOSYNES UTILISES EN TANT QU'INSECTICIDES**
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[71] AGRIMETIS, LLC, US
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[25] EN
[54] **THERAPEUTIC COMPOUNDS FOR PAIN AND SYNTHESIS THEREOF**
[54] **COMPOSES THERAPEUTIQUES POUR LA DOULEUR ET SYNTHESE DE CEUX-CI**
[72] DECORTE, BART LIEVEN DANIEL, US
[72] RUSSCHER, JACOB CORNELIS, NL
[72] MONNEE, MENNO CORNELIS FRANCISCUS, NL
[71] JANSSEN PHARMACEUTICA NV, BE
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[54] **ATTACHMENT BOLT FOR PORTABLE MANWAY COVER HINGE**
[54] **BOULON DE FIXATION POUR CHARNIERE DE COUVERCLE DE TROU D'HOMME PORTABLE**
[72] DEPIETRO, EDWARD A., US
[71] UNIVERSAL HINGE CORPORATION, US
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[54] **THERAPEUTIC COMPOUNDS FOR PAIN AND SYNTHESIS THEREOF**
[54] **COMPOSES THERAPEUTIQUES CONTRE LA DOULEUR ET LEUR SYNTHESE**
[72] DECORTE, BART LIEVEN DANIEL, US
[72] RUSSCHER, JACOB CORNELIS, NL
[72] MONNEE, MENNO CORNELIS FRANCISCUS, NL
[71] JANSSEN PHARMACEUTICA NV, BE
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[54] **THERAPEUTIC COMPOUNDS AND SYNTHESIS**
[54] **COMPOSES THERAPEUTIQUES ET SYNTHESE**
[72] DECORTE, BART LIEVEN DANIEL, US
[72] RUSSCHER, JACOB CORNELIS, NL
[72] MONNEE, MENNO CORNELIS FRANCISCUS, NL
[71] JANSSEN PHARMACEUTICA NV, BE
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[54] **MAGNETIC FILTER APPARATUS AND METHOD**
[54] **APPAREIL DE FILTRATION MAGNETIQUE ET PROCEDE**
[72] FRODSHAM, GEORGE CHARLES MARTIN, GB
[72] PANKHURST, QUENTIN ANDREW, GB
[72] WENMAN, RICHARD ALAN, GB
[72] HATTERSLEY, SIMON RICHARD, GB
[71] MEDISIEVE LTD, GB
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[54] **IMMUNE CELL COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS A BASE DE CELLULES IMMUNITAIRES ET LEURS PROCEDES D'UTILISATION**
[72] ADUSUMILLI, PRASAD S., US
[72] SADELAIN, MICHEL, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
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[54] **SYSTEMS AND METHODS FOR SHAPING MATERIALS**
[54] **SYSTEMES ET PROCEDES DE MISE EN FORME DE MATERIAUX**
[72] ROZOT, THIERRY, US
[71] ROZOT, THIERRY, US
[85] 2018-03-02
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[54] **PROCEDE POUR L'EXTRACTION DE LA SILICE**
[72] BENJELLOUN MLAYAH, BOUCHRA, FR
[72] DELMAS, MICHEL, FR
[72] LLOVERA, LAURENCE, FR
[72] TEJADO ETAYO, ALVARO, ES
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[25] EN
[54] **COMPOUND FOR USE IN COLOUR CHANGE COMPOSITIONS**
[54] **COMPOSE A UTILISE DANS DES COMPOSITIONS A CHANGEMENT DE COULEUR**
[72] SHIVKUMAR, BAGAVANT, GB
[72] MARREC, PHILIPPE, FR
[71] THERMOGRAPHIC MEASUREMENTS LTD, GB
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[54] **TISSUE ENGINEERING**
[54] **INGENIERIE TISSULAIRE**
[72] DECOPPI, PAOLO, GB
[72] URBANI, LUCA, GB
[72] URCIUOLO, ANNA, GB
[71] UCL BUSINESS PLC, GB
[85] 2018-03-05
[86] 2016-09-07 (PCT/EP2016/071114)
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[51] **Int.Cl. E04F 15/10 (2006.01) B32B 27/06 (2006.01) B32B 27/30 (2006.01) B32B 38/00 (2006.01) B41M 5/00 (2006.01)**
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[54] **CUSTOM-MADE COVERING PANELS BY DIGITAL PRINTING OF BASE PANELS**
[54] **PANNEAUX DE REVETEMENT PERSONNALISES PAR IMPRESSION NUMERIQUE DE PANNEAUX DE BASE**
[72] LOMBAERT, POL, BE
[72] FEYS, JONAS GUIDO, BE
[71] BEAULIEU INTERNATIONAL GROUP NV, BE
[85] 2018-03-05
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[30] EP (15185742.2) 2015-09-17

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[51] **Int.Cl. C10G 53/06 (2006.01) C10G 67/04 (2006.01) C10G 73/06 (2006.01)**
[25] EN
[54] **IMPROVED PRODUCTION OF HEAVY API GROUP II BASE OIL**
[54] **PRODUCTION AMELIOREE D'HUILE DE BASE LOURDE DE GROUPE API II**
[72] LEI, GUAN-DAO, US
[72] BHATTACHARYA, SUBHASIS, US
[72] BRAIT, AXEL, US
[71] CHEVRON U.S.A. INC., US
[85] 2018-03-05
[86] 2016-08-04 (PCT/US2016/045513)
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[51] **Int.Cl. F01N 3/023 (2006.01) B01D 46/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CLEANING DIESEL PARTICULATE FILTERS**
[54] **APPAREIL ET PROCEDE POUR LE NETTOYAGE DE FILTRES A PARTICULES DIESEL**
[72] SALSGIVER, ROBERT S., US
[72] BENJAMIN, ROBERT, US
[72] MAJERLE, KELSON J., US
[72] MCCOLLEY, KENT A., US
[72] BOARD, JASON C., US
[72] TAYLOR, RICHARD D., US
[72] WALDO, COLE L., US
[71] FSX EQUIPMENT, INC., US
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[51] **Int.Cl. E21B 3/02 (2006.01) E21B 19/16 (2006.01)**
[25] EN
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[54] **GROUPE ELECTROGENE POUR UNITE D'ENTRAINEMENT SUPERIEURE**
[72] THIEMANN, BJOERN, DE
[72] WERN, FRANK, DE
[72] OWNBY, JOHN FIELDING, US
[72] ZOUHAIR, AICAM, US
[72] LIESS, MARTIN, DE
[72] HEBEBRAND, CHRISTINA KARIN, DE
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2018-03-05
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[51] **Int.Cl. A61N 1/20 (2006.01) A61N 1/04 (2006.01) A61N 1/36 (2006.01) A61N 1/32 (2006.01)**
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[54] **SYSTEMS AND METHODS FOR TRANSCUTANEOUS DIRECT CURRENT BLOCK TO ALTER NERVE CONDUCTION**
[54] **SYSTEMES ET PROCEDES DE BLOCAGE PAR COURANT CONTINU TRANSCUTANE VISANT A MODIFIER LA CONDUCTION NERVEUSE**
[72] KILGORE, KEVIN L., US
[72] VAN ACKER, GUSTAF, US
[72] VRABEC, TINA, US
[72] BHADRA, NILOY, US
[72] BHADRA, NARENDRA, US
[71] CASE WESTERN RESERVE UNIVERSITY, US
[85] 2018-03-05
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[25] EN
[54] **POWER INTERNAL MEDICAL DEVICES WITH GUIDED SURFACE WAVES**
[54] **DISPOSITIFS MEDICAUX INTERNES ELECTRIQUES AVEC ONDES DE SURFACE GUIDEE**
[72] CORUM, JAMES F., US
[72] CORUM, KENNETH L., US
[72] CARLTON, PAUL KENDALL, US
[72] PINZONE, JOSEPH F., US
[71] CPG TECHNOLOGIES, LLC., US
[85] 2018-03-05
[86] 2016-08-17 (PCT/US2016/047375)
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[25] EN
[54] **WIRED AND WIRELESS POWER DISTRIBUTION COEXISTENCE**
[54] **COEXISTENCE DE DISTRIBUTION D'ENERGIE FILAIRE ET SANS FIL**
[72] CORUM, JAMES F., US
[72] CORUM, KENNETH L., US
[71] CPG TECHNOLOGIES, LLC., US
[85] 2018-03-05
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[30] US (14/848,994) 2015-09-09

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[51] **Int.Cl. C07D 313/00 (2006.01) A01N 43/22 (2006.01) C07H 17/08 (2006.01)**
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[54] **DERIVES DE SPINOSYNES UTILISABLES EN TANT QU'INSECTICIDES**
[72] CALABRESE, ANDREW, US
[72] GREEN, BRIAN MICHAEL, US
[72] SPRING, DAVID R., GB
[72] CASSAYRE, JEROME YVES, FR
[72] CONFALONE, PASQUALE N., US
[71] AGRIMETIS, LLC, US
[85] 2018-03-02
[86] 2016-09-02 (PCT/US2016/050034)
[87] (WO2017/040882)
[30] US (62/214,083) 2015-09-03
[30] US (62/290,676) 2016-02-03
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[51] **Int.Cl. H01H 33/664 (2006.01)**
[25] EN
[54] **SWITCHING CONTACT OF A VACUUM INTERRUPTER COMPRISING SUPPORTING BODIES**
[54] **CONTACT DE COMMUTATION D'UN TUBE COMMUTATEUR A VIDE POUVU DE CORPS DE SUPPORT**
[72] GRASKOWSKI, FRANK, DE
[72] SCHUMANN, ULF, DE
[72] JAHNKE, UWE, DE
[72] LAWALL, ANDREAS, DE
[72] BARON, LYDIA, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **MAGNETIC COILS HAVING CORES WITH HIGH MAGNETIC PERMEABILITY**
[54] **BOBINES MAGNETIQUES COMPORTANT DES NOYAUX A PERMEABILITE MAGNETIQUE ELEVEE**
[72] CORUM, JAMES F., US
[72] CORUM, KENNETH L., US
[72] LILLY, JAMES D., US
[71] CPG TECHNOLOGIES, LLC., US
[85] 2018-03-05
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[30] US (14/849,643) 2015-09-10

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[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/28 (2012.01)**
[25] EN
[54] **SIMULATION METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE SIMULATION**
[72] VESTOL ENDRERUD, OLE ERIK, NO
[71] SHORELINE AS, NO
[85] 2018-03-06
[86] 2016-09-06 (PCT/EP2016/070970)
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[51] **Int.Cl. H04B 3/52 (2006.01) H02J 50/00 (2016.01) H01P 3/00 (2006.01)**
[25] EN
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[54] **TRANSMISSION DE PUISSANCE SANS FIL A COUPLAGE DE RETOUR**
[72] CORUM, JAMES F., US
[72] CORUM, KENNETH L., US
[71] CPG TECHNOLOGIES, LLC., US
[85] 2018-03-05
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[25] EN
[54] **A NEW SUBPOPULATION OF CD8+CD45RCLOW TREGS AND USES THEREOF**
[54] **NOUVELLE SOUS-POPULATION DE LYMPHOCYTES T REGULATEURS CD8 + CD45RCLOW ET UTILISATIONS DE CEUX-CI**
[72] GUILLONNEAU, CAROLE, FR
[72] ANEGON, IGNACIO, FR
[72] BEZIE, SEVERINE, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] UNIVERSITE DE NANTES, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE DE NANTES, FR
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[51] **Int.Cl. H02J 3/00 (2006.01) H02J 50/00 (2016.01)**
[25] EN
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[54] **ADAPTATION DE N□UD DE CONSOMMATION D'ENERGIE POUR LA RECEPTION D'ONDES DE SURFACE GUIDEES**
[72] CORUM, JAMES F., US
[72] CORUM, KENNETH L., US
[72] LILLY, JAMES D., US
[71] CPG TECHNOLOGIES, LLC., US
[85] 2018-03-05
[86] 2016-08-22 (PCT/US2016/047957)
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[30] US (14/849,372) 2015-09-09

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[25] EN
[54] **SIRNA AND THEIR USE IN METHODS AND COMPOSITIONS FOR INHIBITING THE EXPRESSION OF THE NRARP GENE**
[54] **MOLECULES D'ARNSI ET LEUR UTILISATION DANS DES PROCEDES ET DES COMPOSITIONS POUR INHIBER L'EXPRESSION DU GENE NRARP**
[72] JIMENEZ, ANA ISABEL, ES
[72] PANEDA, COVADONGA, ES
[72] MARTINEZ, TAMARA, ES
[71] SYLENTIS SAU, ES
[85] 2018-03-06
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[30] EP (15382440.4) 2015-09-08

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[72] ROSENTHAL, RACHEL, GB
[72] SWANTON, CHARLES, GB
[72] PEGGS, KARL, GB
[72] QUEZADA, SERGIO, GB
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
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[72] VIDAL, HUBERT, FR
[72] RUZZIN, JEROME, NO
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[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA), FR
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[54] **CHAUSSURE PERMEABLE A L'AIR**
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[72] POLONI, LIVIO, IT
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[71] MICELL TECHNOLOGIES, INC., US
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[72] JENA, BIPULENDU, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
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[72] BUSSELS, RAF, BE
[72] BOUWMAN, BEN, BE
[72] TREKELS, BENNY, BE
[72] BEMELMANS, STEFAN, BE
[71] MCPP INNOVATION LLC, JP
[71] MCPP BELGIUM BVBA, BE
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[54] **PROCEDE ET APPAREIL PERMETTANT DE SEPARER DES PARTICULES D'UN CERTAIN ORDRE DE GRANDEUR PRESENTES DANS UNE SUSPENSION**
[72] RUPPEL, MANFRED, DE
[72] SCHARF, KIM, DE
[72] EICHMANN, UWE, DE
[72] KIRSTEN, KLAUS, DE
[71] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDE, FR
[71] THE PETROLEUM OIL AND GAS CORPORATION OF SOUTH AFRICA (SOC) LTD, ZA
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[54] **TOUR D'EQUIPEMENT EN BETON DOTEE DE FENTE DE GUIDAGE DE TENDON DE TENSION**
[72] KIOUSIS, PANOS, US
[72] LOCKWOOD, JAMES D., US
[71] SIEMENS GAMESA RENEWABLE ENERGY, INC., US
[71] WIND TOWER TECHNOLOGIES, LLC, US
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[54] **GLOBAL TIME SYNCHRONIZATION USING A GUIDED SURFACE WAVE**
[54] **SYNCHRONISATION DE L'HEURE GLOBALE A L'AIDE D'UNE ONDE DE SURFACE GUIDEE**
[72] CORUM, JAMES F., US
[71] CPG TECHNOLOGIES, LLC., US
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[54] **RESEAU D'ELECTRODES A POSITION COMMANDEE**
[72] HANSEN, MARLAN R., US
[72] KAUFMANN, CHRISTOPHER, US
[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
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[54] **GEOLOCATION USING GUIDED SURFACE WAVES**
[54] **GEOLOCALISATION A L'AIDE D'ONDES DE SURFACE GUIDEES**
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[72] CORUM, KENNETH L., US
[72] LILLY, JAMES D., US
[72] D'AURELIO, MICHAEL J., US
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[54] **GEOLOCATION USING GUIDED SURFACE WAVES**
[54] **GEOLOCALISATION A L'AIDE D'ONDES DE SURFACE GUIDEE**
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[72] CORUM, KENNETH L., US
[72] LILLY, JAMES D., US
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[54] **EMISSION PAR RESEAU A DEPHASAGE HYBRIDE**
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[72] CORUM, KENNETH L., US
[72] PINZONE, BASIL F., JR., US
[71] CPG TECHNOLOGIES, LLC., US
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[54] **SYSTEME DE RETENUE DE CARENAGE POUR OUTIL DE TRAVAIL**
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[72] CONGDON, THOMAS M., US
[71] CATERPILLAR INC., US
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[54] **TCR SPECIFIQUES DE NY-ESO-1 ET LEURS METHODES D'UTILISATION**
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[72] TER MEULEN, JAN HENRIK, US
[71] IMMUNE DESIGN CORP., US
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[54] **GEOLOCATION USING GUIDED SURFACE WAVES**
[54] **GEOLOCALISATION UTILISANT DES ONDES DE SURFACE GUIDEE**
[72] CORUM, JAMES, F., US
[72] CORUM, KENNETH L., US
[72] LILLY, JAMES D., US
[72] D'AURELIO, MICHAEL J., US
[71] CPG TECHNOLOGIES, LLC., US
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[54] **SCALE INHIBITOR METHODS AND COMPOSITIONS**
[54] **PROCEDES ET COMPOSITIONS D'INHIBITION DE TARTRE**
[72] REYES, LARISA MAE Q., US
[72] HARRIS, J. KEITH, US
[72] TUCKER, CHRISTOPHER J., US
[72] KATZ, JOSHUA S., US
[72] WALKER, BRITTANY A., US
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[54] **GEOLOCALISATION PAR ONDES DE SURFACE GUIDEES**
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[72] LILLY, JAMES D., US
[72] D'AURELIO, MICHAEL J., US
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[54] **SYSTEME DE RACCORD MODULAIRE POUR ENTRAINEMENT SUPERIEUR**
[72] LIESS, MARTIN, DE
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **DETECTION D'UNE POCHE CHAUFFANTE**
[72] JAMES, PHILIP SCOTT, US
[72] PLAHEY, KULWINDER S., US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
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[54] **METHODS OF TREATING MULTIPLE MYELOMA AND PLASMA CELL LEUKEMIA BY T CELL THERAPY**
[54] **PROCEDES DE TRAITEMENT DU MYELOME MULTIPLE ET DE LA LEUCEMIE A PLASMOCYTES PAR THERAPIE PAR CELLULES T**
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[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
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[54] **PROCEDES ET PROCEDURES DE COMMANDE DE PUISSANCE MULTI-UTILISATEUR**
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[72] OTERI, OGHENEKOME, US
[72] ZHANG, GUODONG, US
[72] OLESEN, ROBERT L., US
[72] YANG, RUI, US
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[54] **PURIFICATION BASEE SUR LE TRI CELLULAIRE MAGNETIQUE MACS D'EPITHELIUM PIGMENTAIRE RETINIEN DERIVE DE CELLULES SOUCHES**
[72] MEYER, NATHAN, US
[72] CHASE, LUCAS, US
[72] STANKEWICZ, CASEY, US
[71] CELLULAR DYNAMICS INTERNATIONAL, INC., US
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[54] **CATALYSEURS HETEROGENES DE DESHYDROGENATION OXYDANTE D'ALCANES OU DE COUPLAGE OXYDANT DE METHANE**
[72] HERMANS, IVE, US
[72] GRANT, JOSEPH THOMAS, US
[72] CARRERO MARQUEZ, CARLOS ALBERTO, US
[72] CHIEREGATO, ALESSANDRO, US
[72] VENEGAS, JUAN MAURICIO, US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
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[54] **SELS D'UN INHIBITEUR DE LA KINASE PIM**
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[72] CAO, GANFENG, US
[72] LIN, QIYAN, US
[72] PAN, YONGCHUN, US
[72] QIAO, LEI, US
[72] SHARIEF, VAQAR, US
[72] SHI, CHONGSHENG ERIC, US
[72] XIA, MICHAEL, US
[72] ZHENG, CHANGSHENG, US
[72] ZHOU, JIACHENG, US
[72] LI, QUN, US
[71] INCYTE CORPORATION, US
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[54] **HETEROCYCLIC CONSTRAINED TRICYCLIC SULFONAMIDES AS ANTI-CANCER AGENTS**
[54] **SULFONAMIDES HETEROCYCLIQUES TRICYCLIQUES CONTRAINTS EN TANT QU'AGENTS ANTI-CANCEREUX**
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[72] ZAWARE, NILESH, US
[71] ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, US
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[54] **DIAGNOSTIC ET PRONOSTIC D'ACTIONNEUR**
[72] BESSER, STEVEN, US
[72] ROSENGREN, GARY W., US
[72] HOBART, PATRICK, US
[72] SHULZ, ROBERT, US
[72] DI MARCO, STEPHEN, US
[72] DIETRICH, AARON, US
[71] TOLOMATIC, INC., US
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[54] **PORTABLE TRENCHING DEVICE**
[54] **DISPOSITIF D'EXCAVATION DE TRANCHEE PORTATIF**
[72] SMITH, MIKE, NZ
[72] BLUNDELL, PETER J., US
[71] SMITH, MIKE, NZ
[71] BLUNDELL, PETER J., US
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[30] US (62/219,024) 2015-09-15
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[25] EN
[54] **SUBSEA CONTROL POD DEPLOYMENT AND RETRIEVAL SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE MISE EN PLACE ET DE RECUPERATION DE BOITIER DE COMMANDE SOUS-MARIN**
[72] MILLER, TRAVIS JAMES, US
[72] SPRINGETT, FRANK BENJAMIN, US
[72] COWAN, RICHARD WATSON, US
[71] NATIONAL OILWELL VARCO, L.P., US
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[25] EN
[54] **SUBSEA CONTROL POD DEPLOYMENT AND RETRIEVAL SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE DEPLOIEMENT ET DE RECUPERATION DE NACELLE DE COMMANDE SOUS-MARINE**
[72] MILLER, TRAVIS JAMES, US
[72] COWAN, RICHARD WATSON, US
[72] BELOTE, ALEX MICHAEL, US
[72] SPRINGETT, FRANK BENJAMIN, US
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[54] **SULFONAMIDES HETEROCYCLIQUES TRICYCLIQUES CONTRAINTS EN TANT QU'AGENTS ANTI-CANCEREUX**
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[71] ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, US
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[54] **SYSTEME D'ECHAPPEMENT POUR UN MOTEUR D'AUTOMOBILE A COMBUSTION INTERNE**
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[72] KLEMENC, JAKA, SI
[72] SEDEJ, GASPER, SI
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[54] **VANNE GUILLOTINE, DE PREFERENCE POUR OBTURER UNE CONDUITE D'ECOULEMENT DE MILIEUX**
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[72] LANGEVELD, MICHIEL JACOBUS JOHANNES, NL
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[54] **AGENCEMENTS ET PROCEDES POUR EVITER LA DIFFUSION D'AGENTS INFECTIEUX ET POUR AMELIORER LA SECURITE ELECTRIQUE ET LA PUISSANCE D'ASPIRATION D'UN ASPIRATEUR MEDICAL**
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[72] BONDHUS, TERJE, NO
[72] OERKE, PER REIDAR, NO
[71] EXCITUS AS, NO
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[54] **PRODUIT ALIMENTAIRE ENROBE MICRO-ONDABLE ET SON PROCEDE DE PREPARATION**
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[72] VAN DER KOLK, BIANCA, NL
[72] PICKFORD, KEITH GRAHAM, GB
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[72] CARIOU, KEVIN, FR
[72] MINARD, CORINNE, FR
[72] IORGA, BOGDAN-IULIU, FR
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[54] **SERRURE INTELLIGENTE, SYSTEME ET PROCEDE**
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[72] LEE, TAI JUNG, GB
[72] GUSCOTT, ANDREW, GB
[72] THIERS, NICOLAS, FR
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[54] **PROCEDE A BASE DE GOUTTELETTES ET APPAREIL POUR L'ANALYSE COMPOSITE D'ACIDE NUCLEIQUE DE CELLULES UNIQUES**
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[72] MACOSKO, EVAN ZANE, US
[72] MCCARROLL, STEVEN ANDREW, US
[72] SHALEK, ALEXANDER K., US
[72] BASU, ANINDITA, US
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[54] **PROCEDE ET DISPOSITIF DE SEPARATION PAR MOBILITE IONIQUE**
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[72] GARIMELLA, SANDILYA V. B., US
[72] SMITH, RICHARD D., US
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[54] **PROCEDES DE DESSALEMENT ET PROCEDES DE PRODUCTION D'ENGRAIS**
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[72] FITZGERALD, MARK A., US
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[54] **TREPANS AUTO-REGLABLES A COMMANDE ACTIVE ET SYSTEMES ET PROCEDES CONNEXES**
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[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] **ARTICLE A FUMER ELECTRONIQUE COMPRENANT UN APPAREIL DE CHAUFFAGE METTANT EN □UVRE UNE SOURCE DE PRODUCTION D'AEROSOL SOLIDE, ET APPAREIL ET PROCEDE ASSOCIES**
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[72] LIBERTI, MICHAEL, ANDREW, US
[72] SEARS, STEPHEN, BENSON, US
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[54] **COMPOSITIONS DE BISACODYLE ET APPAREIL D'ADMINISTRATION**
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[72] DAS, DEBANJAN, US
[72] ZIMMERMAN, DAVE, US
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[72] GUNTERMANN, JAMES ANTHONY KRUEGER, US
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[54] **EQUIPEMENT MONTABLE SUR BATI POURVU D'UN MODULE DE DISSIPATION THERMIQUE ELEVEE, ET LOGEMENT D'EMETTEUR-RECEPTEUR A REFROIDISSEMENT ACCRU**
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[72] HALL, THOMAS A., III, US
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[72] BULLOCH, DYLAN A., US
[72] HERN, GREGORY L., US
[72] PALMER, LARRY T., US
[72] CULLUM, JASON L., US
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[71] AMAZON TECHNOLOGIES, INC., US
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[71] AVON PROTECTION SYSTEMS, INC., US
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[54] **SEGMENT DE TOUR ET PROCEDE UTILISANT UNE PLAQUE DE PORTEE SEGMENTEE**
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[71] SIEMENS GAMESA RENEWABLE ENERGY, INC., US
[71] WIND TOWER TECHNOLOGIES, LLC, US
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[54] **SYSTEME ET PROCEDE SERVANT A POSITIONNER UNE PLURALITE D'OBJETS DESTINES A UN TRAITEMENT SUR PLUSIEURS COTES**
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[72] MOFFETT, ROSS E., US
[72] KNOELLER, MICHAEL C., US
[72] PUGH, TOBY, US
[72] PAULET, BRYAN A., US
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[72] GOPALAN, RAMYA, US
[72] SUNDARAM, SHIVA KUMAR, US
[71] AMAZON TECHNOLOGIES, INC., US
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[54] **ENTRAINEMENT POUR UNE INSTALLATION DE TRANSPORT A BANDE, PROCEDE DE MONTAGE D'UN ENTRAINEMENT SUR UNE INSTALLATION DE TRANSPORT A BANDE ET INSTALLATION DE TRANSPORT A BANDE**
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[72] WINKLER, GUNTHER, AT
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[51] **Int.Cl. B01L 3/02 (2006.01)**
[25] FR
[54] **SAMPLING PIPETTE COMPRISING A CONTROL MEMBER WITH DOUBLE FUNCTION FOR EJECTING A CONE AND UNLOCKING THE SYSTEM FOR VOLUME ADJUSTMENT**
[54] **PIPETTE DE PRELEVEMENT COMPRENANT UN ORGANE DE COMMANDE A DOUBLE FONCTION D'EJECTION DE CONE ET DE DEVERROUILLAGE DU SYSTEME DE REGLAGE DE VOLUME**
[72] DUDEK, BRUNO, FR
[72] GUICHARDON, STEPHANE, FR
[71] GILSON SAS, FR
[85] 2018-03-07
[86] 2016-09-14 (PCT/EP2016/071625)
[87] (WO2017/046120)
[30] FR (15/58650) 2015-09-15

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[51] **Int.Cl. D04H 1/413 (2012.01) D04H 1/4209 (2012.01) D04H 1/488 (2012.01) D04H 1/46 (2012.01) D04H 1/64 (2012.01) F01N 3/28 (2006.01)**
[25] EN
[54] **MOUNTING MEMBER FOR WRAPPING AND MOUNTING A POLLUTION CONTROL ELEMENT**
[54] **ELEMENT DE MONTAGE POUR ENVELOPPER ET MONTER UN ELEMENT ANTIPOLLUTION**
[72] KUNZE, ULRICH, DE
[72] ROSEN, KERSTIN, DE
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-03-07
[86] 2016-09-07 (PCT/US2016/050493)
[87] (WO2017/044451)
[30] EP (15184316.6) 2015-09-08

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[13] A1
[51] **Int.Cl. A61K 38/20 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **USE OF INTERLEUKIN 2 FOR TREATING SPONDYLOARTHRITIS**
[54] **UTILISATION D'INTERLEUKINE 2 PERMETTANT DE TRAITER LA SPONDYLOARTHRITE**
[72] KLATZMANN, DAVID, FR
[72] BERENBAUM, FRANCIS, FR
[72] SELLAM, JEREMIE, FR
[72] FAUTREL, BRUNO, FR
[72] LORENZON, ROBERTA, FR
[72] CACOUB, PATRICE, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[71] SORBONNE UNIVERSITE, FR
[71] ILTOO PHARMA, FR
[85] 2018-03-07
[86] 2016-09-09 (PCT/EP2016/071370)
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[30] EP (15306383.9) 2015-09-10

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[51] **Int.Cl. E21B 43/26 (2006.01) C09K 8/508 (2006.01) C09K 8/524 (2006.01) E21B 43/24 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **METHOD OF DIVERSION AND ZONAL ISOLATION IN A SUBTERRANEAN FORMATION USING A BIODEGRADABLE POLYMER**
[54] **PROCEDE DE DEVIATION ET D'ISOLATION ZONALE DANS UNE FORMATION SOUTERRAINE A L'AIDE D'UN POLYMERE BIODEGRADABLE**
[72] BESTAOUI-SPURR, NAIMA, US
[72] DEBENEDICTIS, FRANCES H., US
[72] CASTILIO, DORIANNE, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-03-07
[86] 2016-09-12 (PCT/US2016/051272)
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[30] US (14/859,050) 2015-09-18

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[13] A1
[51] **Int.Cl. C12N 5/079 (2010.01)**
[25] EN
[54] **METHOD FOR REPRODUCIBLE DIFFERENTIATION OF CLINICAL-GRADE RETINAL PIGMENT EPITHELIUM CELLS**
[54] **METHODE DE DIFFERENCIATION REPRODUCTIBLE DE CELLULES DE L'EPITHELIUM PIGMENTAIRE RETINIEN DE QUALITE CLINIQUE**
[72] BHARTI, KAPIL, US
[72] CHASE, LUCAS, US
[72] FENG, XUEZHU, US
[72] JHA, BALENDU SHEKHAR, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[71] CELLULAR DYNAMICS INTERNATIONAL, INC., US
[85] 2018-03-07
[86] 2016-09-07 (PCT/US2016/050543)
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[13] A1
[51] **Int.Cl. A61K 31/519 (2006.01) A61P 31/18 (2006.01)**
[25] EN
[54] **MODULATORS OF TOLL-LIKE RECEPTORS FOR THE TREATMENT OF HIV**
[54] **MODULATEURS DE RECEPTEURS DE TYPE TOLL POUR LE TRAITEMENT DU VIH**
[72] GELEZIUNAS, ROMAS, US
[72] HESSELGESSER, JOSEPH E., US
[72] KAUR, JASMINE, US
[72] MURRY, JEFFREY PATRICK, US
[72] SLOAN, DEREK DEAN, US
[71] GILEAD SCIENCES, INC., US
[85] 2018-03-07
[86] 2016-09-13 (PCT/US2016/051545)
[87] (WO2017/048727)
[30] US (62/218,858) 2015-09-15
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[51] **Int.Cl. G07C 5/00 (2006.01) G07C 5/08 (2006.01)**
[25] EN
[54] **TRANSIT VEHICLE SENSOR SYSTEM**
[54] **SYSTEME CAPTEUR DE VEHICULE DE TRANSPORT EN COMMUN**
[72] BUSCH-SORENSEN, THOMAS, US
[72] BEHROOZNIA, RASHEED, US
[71] CUBIC CORPORATION, US
[85] 2018-03-07
[86] 2016-09-15 (PCT/US2016/051828)
[87] (WO2017/048892)
[30] US (62/218,969) 2015-09-15
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[13] A1
[51] **Int.Cl. C25C 3/20 (2006.01)**
[25] EN
[54] **DEVICE FOR DETERMINING CURRENT DISTRIBUTION ACROSS THE ANODES OF AN ALUMINUM REDUCTION CELL**
[54] **DISPOSITIF DE DETERMINATION DE LA REPARTITION DE COURANT ENTRE LES ANODES D'UNE CELLULE DE REDUCTION D'ALUMINIUM**
[72] BURTSEV, ALEKSEJ GENNAD'EVICH, RU
[72] GUSEV, ALEKSANDR OLEGOVICH, RU
[71] OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOST'YU "OBEDINENNAYA KOMPANIYA RUSAL INZHENERNO-TEKHNOLOGICHESKIY TSENTR", RU
[85] 2018-03-06
[86] 2017-05-18 (PCT/RU2017/000321)
[87] (WO2018/004382)
[30] RU (2016125969) 2016-06-28

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[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **DATA EXCHANGE PROCESSING METHOD, APPARATUS, AND SYSTEM**
[54] **PROCEDE, APPAREIL, ET SYSTEME DE TRAITEMENT D'ECHANGE DE DONNEES**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-03-08
[86] 2015-09-16 (PCT/CN2015/089730)
[87] (WO2017/045152)

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **DATA EXCHANGE PROCESSING METHOD, APPARATUS, AND ONLINE FINANCING METHOD**
[54] **PROCEDE DE TRAITEMENT D'ECHANGE DE DONNEES, APPAREIL ET PROCEDE DE FINANCEMENT EN LIGNE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-03-08
[86] 2015-09-16 (PCT/CN2015/089731)
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[51] **Int.Cl. A01D 45/02 (2006.01) A01D 34/835 (2006.01)**
[25] EN
[54] **DEVICE FOR HARVESTING OF STALK MATERIAL**
[54] **DISPOSITIF DE RECOLTE DE PRODUITS A TIGE SUR PIED**
[72] BAYE, DIETRICH, DE
[72] HANSKOTTER, WERNER, DE
[72] TIESSEN, REIMER, DE
[72] HEMMESMANN, ANDRE, DE
[71] CARL GERINGHOFF GMBH & CO. KG, DE
[85] 2018-03-08
[86] 2016-09-07 (PCT/EP2016/001507)
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[30] DE (10 2015 115 100.6) 2015-09-08

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[51] **Int.Cl. C12N 15/82 (2006.01) C12N 9/02 (2006.01)**
[25] EN
[54] **HPPD VARIANTS AND METHODS OF USE**
[54] **VARIANTS DE LA HPPD ET PROCEDE D'UTILISATION**
[72] LINKA, MARC, DE
[72] POREE, FABIEN, FR
[72] LABER, BERND, DE
[72] LANGE, GUDRUN, DE
[72] TEBBE, JAN, DE
[72] COCO, WAYNE, DE
[72] STRERATH, MICHAEL, DE
[72] WEBER, ERNST, DE
[72] PAWLOWSKI, NIKOLAUS, DE
[72] GESKE, SANDRA, DE
[72] BALVEN-ROSS, HEIKE, DE
[72] WOBST, NINA, DE
[72] THIES, CHRISTINA, DE
[72] DUBALD, MANUEL, US
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[71] BAYER CROPSCIENCE LP, US
[85] 2018-03-08
[86] 2016-09-08 (PCT/EP2016/071159)
[87] (WO2017/042259)
[30] EP (15184866.0) 2015-09-11

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[13] A1
[51] **Int.Cl. A47D 1/00 (2006.01) A47D 15/00 (2006.01)**
[25] FR
[54] **SAFETY SEAT, NOTABLY FOR A CHILD**
[54] **SIEGE DE SECURITE, NOTAMMENT POUR ENFANT**
[72] BAILLIARD, LAURENT, FR
[72] DEVELAY, LOUIS PASCAL, FR
[72] HERBAULT, PATRICK, FR
[72] DUPONT-MADINIER, EDOUARD, FR
[71] BLUEBEEP, FR
[85] 2018-03-08
[86] 2016-09-08 (PCT/EP2016/071218)
[87] (WO2017/042286)
[30] FR (15/01869) 2015-09-09

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[13] A1
[51] **Int.Cl. A61K 35/74 (2015.01) A61K 35/741 (2015.01) A61K 9/00 (2006.01) A61P 1/00 (2006.01) A61P 3/00 (2006.01) A61P 9/00 (2006.01) A61P 19/00 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF PASTEURIZED AKKERMANSIA FOR TREATING METABOLIC DISORDERS**
[54] **UTILISATION D'AKKERMANSIA PASTEURISEE POUR LE TRAITEMENT DE TROUBLES METABOLIQUES**
[72] CANI, PATRICE, BE
[72] EVERARD, AMANDINE, BE
[72] PLOVIER, HUBERT, BE
[72] DRUART, CELINE, BE
[72] DE VOS, WILLEM, NL
[72] BELZER, CLARA, NL
[71] UNIVERSITE CATHOLIQUE DE LOUVAIN, BE
[71] WAGENINGEN UNIVERSITEIT, NL
[85] 2018-03-08
[86] 2016-09-09 (PCT/EP2016/071327)
[87] (WO2017/042347)
[30] EP (15184758.9) 2015-09-10

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[13] A1
[51] **Int.Cl. D01F 1/10 (2006.01)**
[25] EN
[54] **POLYMER COMPOSITIONS, FIBERS AND THREADS WITH PETROLATUM AND/OR OLEIC ACID-CONTAINING OILS**
[54] **COMPOSITIONS POLYMERES, FIBRES ET FILS CONTENANT DE LA VASELINE ET/OU DES HUILES RENFERMANT DES ACIDES OLEIQUES**
[72] BAUERFEIND, HANS B., DE
[71] BAUERFEIND AG, DE
[85] 2018-03-08
[86] 2016-09-09 (PCT/EP2016/071352)
[87] (WO2017/042362)
[30] DE (10 2015 217 382.8) 2015-09-11

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[13] A1
[51] **Int.Cl. A61K 31/538 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **DACTINOMYCIN COMPOSITIONS AND METHODS FOR THE TREATMENT OF ACUTE MYELOID LEUKEMIA**
[54] **COMPOSITIONS DE DACTINOMYCINE ET METHODES DE TRAITEMENT DE LA LEUCEMIE AIGUE MYELOIDE**
[72] FALINI, BRUNANGELO, IT
[72] MARTELLI, MARIA, IT
[71] FALINI, BRUNANGELO, IT
[71] MARTELLI, MARIA, IT
[85] 2018-03-08
[86] 2016-09-13 (PCT/EP2016/071599)
[87] (WO2017/046108)
[30] US (62/218,433) 2015-09-14

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[13] A1
[51] **Int.Cl. A61F 5/01 (2006.01)**
[25] EN
[54] **PIVOTING-LIMITABLE BIAXIAL JOINT**
[54] **ARTICULATION BIAXIALE DONT LE PIVOTEMENT PEUT ETRE LIMITE**
[72] GORNERT, FLORIAN, DE
[72] HEBENSTREIT, SANDRO, DE
[71] BAUERFEIND AG, DE
[85] 2018-03-08
[86] 2016-08-15 (PCT/EP2016/069321)
[87] (WO2017/041993)
[30] DE (10 2015 217 205.8) 2015-09-09

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[13] A1
[51] **Int.Cl. C03B 35/18 (2006.01) B65G 23/04 (2006.01) C03B 35/16 (2006.01)**
[25] EN
[54] **CONVEYOR ROLL ASSEMBLY, TORQUE TRANSMISSION AND SUPPORT MEANS AND PROCESS FOR MAKING A CONVEYOR ROLL ASSEMBLY USED IN A HIGH TEMPERATURE ENVIRONMENT**
[54] **ENSEMBLE ROULEAU DE TRANSPORT, MOYEN DE SUPPORT ET DE TRANSMISSION DE COUPLE ET PROCESSUS DE FABRICATION D'ENSEMBLE ROULEAU DE TRANSPORT UTILISE DANS UN ENVIRONNEMENT A HAUTE TEMPERATURE**
[72] DUBOIS, LAURENT, FR
[72] SCHABAILLIE, ETIENNE, FR
[71] VESUVIUS FRANCE SA, FR
[85] 2018-03-08
[86] 2016-09-15 (PCT/EP2016/071842)
[87] (WO2017/046253)
[30] EP (15185842.0) 2015-09-18

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[13] A1
[51] **Int.Cl. A61B 18/02 (2006.01) A61M 25/00 (2006.01) A61B 18/00 (2006.01)**
[25] EN
[54] **CRYOAPPLICATOR FOR MINIMALLY INVASIVE SURGICAL CARDIAC ABLATION**
[54] **CRYOAPPLICATEUR POUR ABLATION CARDIAQUE CHIRURGICALE MINIMALEMENT INVASIVE**
[72] SUWALSKI, PIOTR, PL
[72] STEC, SEBASTIAN, PL
[72] CHOUDHARY, SANJEEV, PL
[71] MEDIDATA SP. Z O.O., PL
[85] 2018-03-08
[86] 2016-09-23 (PCT/IB2016/055697)
[87] (WO2017/051367)
[30] EP (15002754.8) 2015-09-24

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[13] A1
[51] **Int.Cl. C12N 5/071 (2010.01) A61K 35/22 (2015.01) C12N 5/10 (2006.01) C12Q 1/04 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING KIDNEY PROGENITOR CELLS**
[54] **PROCEDE DE PRODUCTION DE CELLULES RENALES PROGENITRICES**
[72] KAWAMOTO, TATSUYA, JP
[72] YAMAGISHI, YUKIKO, JP
[72] OSAFUNE, KENJI, JP
[71] ASTELLAS PHARMA INC., JP
[71] KYOTO UNIVERSITY, JP
[85] 2018-03-08
[86] 2016-09-09 (PCT/JP2016/077353)
[87] (WO2017/043666)
[30] JP (2015-179104) 2015-09-11

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[13] A1
[51] **Int.Cl. B29B 17/02 (2006.01)**
[25] EN
[54] **METHOD FOR RECYCLING FILAMENTARY THERMOPLASTICS CONTAMINATED BY UNDESIRABLE MATERIALS AND RECYCLING LINE**
[54] **PROCEDE DE RECYCLAGE DE THERMOPLASTIQUES FILAMENTAIRES CONTAMINES PAR DES MATIERES INDESIRABLES ET LIGNE DE RECYCLAGE**
[72] MOISSON, ROSA MARCELA, FR
[72] DUVAL, JEAN-LUC, FR
[71] RECYOUEST, FR
[85] 2018-03-07
[86] 2016-09-06 (PCT/EP2016/070984)
[87] (WO2017/042167)
[30] EP (15306392.0) 2015-09-11

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[13] A1
[51] **Int.Cl. E04H 12/16 (2006.01) F03D 13/20 (2016.01) E04H 12/34 (2006.01) F03D 1/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INSTALLING A TENSIONING TENDON IN A WIND TURBINE TOWER**
[54] **SYSTEME ET PROCEDE D'INSTALLATION D'UN TENDON DE SERRAGE DANS UNE TOUR EOLIENNE**
[72] CHASE, MATTHEW J., US
[72] LOCKWOOD, JAMES D., US
[72] RUSSELL, GUY, ES
[71] SIEMENS GAMESA RENEWABLE ENERGY, INC., US
[71] WIND TOWER TECHNOLOGIES, LLC, US
[85] 2018-03-08
[86] 2016-08-09 (PCT/US2016/046104)
[87] (WO2017/039975)
[30] US (62/212,001) 2015-08-31
[30] US (62/212,017) 2015-08-31
[30] US (62/212,035) 2015-08-31

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[13] A1
[51] **Int.Cl. B61L 5/18 (2006.01) F16M 11/10 (2006.01)**
[25] EN
[54] **MOUNTING ARRANGEMENT FOR RAILWAY WAYSIDE SIGNAL APPLICATIONS**
[54] **AGENCEMENT DE MONTAGE POUR APPLICATIONS DE SIGNAUX EN BORDURE DE VOIE DE CHEMIN DE FER**
[72] BOHME, RICHARD C., US
[72] WILLIAMSON, CARRIE, US
[72] TORRIS, NICHOLAS, US
[71] SIEMENS INDUSTRY, INC., US
[85] 2018-03-08
[86] 2016-07-08 (PCT/US2016/041490)
[87] (WO2017/044183)
[30] US (62/216,428) 2015-09-10

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[13] A1
[51] **Int.Cl. H04Q 11/00 (2006.01)**
[25] EN
[54] **AUTOMATED FIBER CROSS-CONNECT SERVICE WITHIN A MULTI-TENANT INTERCONNECTION FACILITY**
[54] **SERVICE D'INTERCONNEXION DE FIBRES AUTOMATISE AU SEIN D'UNE INSTALLATION D'INTERCONNEXION A PLUSIEURS LOCATAIRES**
[72] LINGAMPALLI, MOHAN RAO, US
[71] EQUINIX, INC., US
[85] 2018-03-08
[86] 2016-09-06 (PCT/US2016/050355)
[87] (WO2017/044405)
[30] US (62/216,804) 2015-09-10
[30] US (14/937,787) 2015-11-10

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[13] A1
[51] **Int.Cl. B65G 1/04 (2006.01) B60P 1/48 (2006.01) B62D 63/04 (2006.01) B65G 1/06 (2006.01) B65G 67/04 (2006.01) B65G 67/08 (2006.01) B65G 67/24 (2006.01)**
[25] EN
[54] **AUTOMATED GUIDED VEHICLE (AGV) WITH BATCH PICKING ROBOTIC ARM**
[54] **VEHICULE GUIDE AUTOMATISE AVEC BRAS ROBOTIQUE DE PRELEVEMENT PAR LOTS**
[72] BASTIAN, WILLIAM A., II, US
[72] JONES, AARON M., US
[71] BASTIAN SOLUTIONS, LLC, US
[85] 2018-03-08
[86] 2016-09-08 (PCT/US2016/050618)
[87] (WO2017/044522)
[30] US (62/215,948) 2015-09-09
[30] US (15/258,079) 2016-09-07

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[13] A1
[51] **Int.Cl. H04L 9/14 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **INFORMATION REGISTRATION AND AUTHENTICATION METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF D'ENREGISTREMENT ET D'AUTHENTIFICATION D'INFORMATIONS**
[72] SUN, YUANBO, CN
[71] ALIBABA GROUP HOLDING LIMITED, CN
[85] 2018-03-07
[86] 2016-09-13 (PCT/CN2016/098815)
[87] (WO2017/050147)
[30] CN (201510604244.5) 2015-09-21

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[13] A1
[51] **Int.Cl. E04H 12/16 (2006.01) F03D 13/20 (2016.01) E04H 12/34 (2006.01) E06C 1/34 (2006.01) F03D 1/00 (2006.01)**
[25] EN
[54] **LADDER INSTALLATION FOR EQUIPMENT TOWER**
[54] **INSTALLATION D'ECHELLE POUR PYLONE**
[72] LOCKWOOD, JAMES D., US
[72] CHASE, MATTHEW J., US
[72] CARBONELL, LUIS E., US
[71] SIEMENS GAMESA RENEWABLE ENERGY, INC., US
[71] WIND TOWER TECHNOLOGIES, LLC, US
[85] 2018-03-08
[86] 2016-08-02 (PCT/US2016/045106)
[87] (WO2017/039915)
[30] US (62/212,010) 2015-08-31

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[13] A1
[51] **Int.Cl. G01D 4/00 (2006.01)**
[25] EN
[54] **SELF-POWERED UTILITY DELIVERY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE RESEAU PUBLIC AUTO-ALIMENTE**
[72] BERKCAN, ERTUGRUL, US
[72] ARTIUCH, ROMAN LEON, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-03-08
[86] 2016-09-07 (PCT/US2016/050469)
[87] (WO2017/048554)
[30] US (14/858,892) 2015-09-18

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[13] A1
[51] **Int.Cl. B25J 15/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING DYNAMIC VACUUM PRESSURE IN AN ARTICULATED ARM END EFFECTOR**
[54] **SYSTEMES ET PROCEDES POUR PRODUIRE UNE PRESSION DE VIDE DYNAMIQUE DANS UN EFFECTEUR D'EXTREMITE D'ARBRE ARTICULE**
[72] WAGNER, THOMAS, US
[72] AHEARN, KEVIN, US
[72] COHEN, BENJAMIN, US
[72] DAWSON-HAGGERTY, MICHAEL, US
[72] GEYER, CHRISTOPHER, US
[72] KOLETSCHKA, THOMAS, US
[72] MARONEY, KYLE, US
[72] MASON, MATTHEW T., US
[72] PRICE, GENE TEMPLE, US
[72] ROMANO, JOSEPH, US
[72] SMITH, DANIEL, US
[72] SRINIVASA, SIDDHARTHA, US
[72] VELAGAPUDI, PRASANNA, US
[72] ALLEN, THOMAS, US
[71] BERKSHIRE GREY INC., US
[85] 2018-03-08
[86] 2016-09-08 (PCT/US2016/050781)
[87] (WO2017/044627)
[30] US (62/215,489) 2015-09-08
[30] US (62/262,136) 2015-12-02

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[13] A1
[51] **Int.Cl. G06Q 50/06 (2012.01) G06Q 20/14 (2012.01) G01D 4/00 (2006.01)**
[25] EN
[54] **SELF-POWERED UTILITY DELIVERY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION D'ENERGIE AUTO-ALIMENTE**
[72] BERKCAN, ERTUGRUL, US
[72] ARTIUCH, ROMAN LEON, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-03-08
[86] 2016-08-09 (PCT/US2016/046101)
[87] (WO2017/048410)
[30] US (14/858,934) 2015-09-18

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[51] **Int.Cl. B25J 13/08 (2006.01) B25J 9/16 (2006.01) B25J 15/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING HIGH FLOW VACUUM ACQUISITION IN AUTOMATED SYSTEMS**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR UNE ACQUISITION DE VIDE A HAUT DEBIT DANS DES SYSTEMES AUTOMATISES**
[72] WAGNER, THOMAS, US
[72] AHEARN, KEVIN, US
[72] DAWSON-HAGGERTY, MICHAEL, US
[72] GEYER, CHRISTOPHER, US
[72] KOLETSCHKA, THOMAS, US
[72] MARONEY, KYLE, US
[72] MASON, MATTHEW T., US
[72] PRICE, GENE TEMPLE, US
[72] ROMANO, JOSEPH, US
[72] SMITH, DANIEL, US
[72] SRINIVASA, SIDDHARTHA, US
[72] VELAGAPUDI, PRASANNA, US
[72] ALLEN, THOMAS, US
[72] COHEN, BENJAMIN, US
[71] BERKSHIRE GREY INC., US
[85] 2018-03-08
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[54] **REGENERATION OF A FUNCTIONAL PULMONARY VASCULAR BED**
[54] **REGENERATION D'UN LIT VASCULAIRE PULMONAIRE FONCTIONNEL**
[72] REN, XI, US
[72] OTT, HARALD C., US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2018-03-08
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[25] EN
[54] **PERFORATED TISSUE MATRIX**
[54] **MATRICE TISSULAIRE PERFOREE**
[72] RINGO, ALEXANDER, US
[71] LIFECELL CORPORATION, US
[85] 2018-03-08
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[30] US (62/217,353) 2015-09-11

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[25] EN
[54] **MODULAR SEAL SECTION WITH EXTERNAL PORTS TO CONFIGURE CHAMBERS IN SERIES OR PARALLEL CONFIGURATION**
[54] **SECTION DE JOINT D'ETANCHEITE MODULAIRE AVEC PORTS EXTERNES POUR CONFIGURER DES CHAMBRES DANS UNE CONFIGURATION EN SERIE OU EN PARALLELE**
[72] HOWELL, ALAN, US
[72] COLLINS, CHARLES, US
[72] NOAKES, AARON, US
[71] GE OIL & GAS ESP, INC., US
[85] 2018-03-08
[86] 2016-09-12 (PCT/US2016/051295)
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[30] US (62/217,654) 2015-09-11
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[25] EN
[54] **SYNERGISTIC ANTIBACTERIAL EFFECTS OF MAGNOLIA BARK EXTRACT AND L-ARGININE, N-LAUROYL ETHYL ESTER ON PLAQUE BIOFILM**
[54] **EFFETS ANTIBACTERIEN SYNERGIQUES D'UN EXTRAIT D'ECORCE DE MAGNOLIA ET D'ESTER ETHYLIQUE DE N-ALPHA-LAUROYL-L-ARGININE, SUR UN BIOFILM DE PLAQUE DENTAIRE**
[72] DODDS, MICHAEL W., US
[72] TIAN, MINMIN, US
[72] INUI, TAICHI, US
[72] RAMIREZ, LILIAN, US
[72] ASPIRAS, MARCELO B., US
[71] WM. WRIGLEY JR. COMPANY, US
[85] 2018-03-08
[86] 2016-09-12 (PCT/US2016/051311)
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[25] EN
[54] **CURABLE COATING COMPOSITIONS CONTAINING POLY ACTIVATED METHYLENE RESINS AND POLYISOCYANATES**
[54] **COMPOSITIONS DE REVETEMENT DURCISSABLES CONTENANT DES RESINES METHYLENE POLYACTIVEES ET DES POLYISOCYANATES**
[72] BREON, JONATHAN P., US
[72] DENG, JUN, US
[72] LI, LINLIN, US
[72] SCHWENDEMAN, JOHN E., US
[72] MILLERO, EDWARD R., JR., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2018-03-08
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[51] **Int.Cl. B62D 33/00 (2006.01) B60F 3/00 (2006.01) F16J 15/00 (2006.01)**
[25] EN
[54] **SEALING ARRANGEMENT FOR A VEHICLE**
[54] **AGENCEMENT D'ETANCHEITE POUR UN VEHICULE**
[72] HELLHOLM, BJORN, SE
[72] THOREN, MAX, SE
[72] SODERBERG, PAR, SE
[72] SODERHOLM, ANDERS, SE
[71] BAE SYSTEMS HAGGLUNDS AKTIEBOLAG, SE
[85] 2018-03-08
[86] 2016-06-21 (PCT/SE2016/050599)
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[30] SE (1551155-3) 2015-09-09

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[25] EN
[54] **CONDUIT SUPPORT BRACKET FOR ELECTRICAL BOX**
[54] **CONSOLE DE SUPPORT DE CONDUIT POUR BOITE ELECTRIQUE**
[72] KORCZ, KRZYSZOF, US
[72] JOHNSON, STEVE, US
[71] HUBBELL INCORPORATED, US
[85] 2018-03-08
[86] 2016-09-09 (PCT/US2016/051053)
[87] (WO2017/044813)
[30] US (62/216,761) 2015-09-10

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[25] EN
[54] **COHERENCE-GATED WAVEFRONT-SENSORLESS ADAPTIVE-OPTICS MULTI-PHOTON MICROSCOPY, AND ASSOCIATED SYSTEMS AND METHODS**
[54] **MICROSCOPIE MULTIPHOTONIQUE A OPTIQUE ADAPTATIVE SANS CAPTEUR DE FRONT D'ONDE, FILTREE PAR COHERENCE ET SYSTEMES ET PROCEDES ASSOCIES**
[72] SARUNIC, MARINKO, CA
[72] JIAN, YIFAN, CA
[72] CUA, EUNICE MICHELLE, CA
[72] BONORA, STEFANO, IT
[72] ZAWADZKI, ROBERT J., US
[71] SIMON FRASER UNIVERSITY, CA
[85] 2018-03-08
[86] 2016-09-12 (PCT/US2016/051369)
[87] (WO2017/044969)
[30] US (62/217,508) 2015-09-11

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[51] **Int.Cl. G06F 9/44 (2018.01) G06F 9/445 (2018.01)**
[25] EN
[54] **ISOLATING APPLICATIONS WITH A SEGMENTED ARCHITECTURE**
[54] **ISOLATION D'APPLICATIONS AVEC UNE ARCHITECTURE SEGMENTEE**
[72] FORGUSON, DOUGLAS PAUL, US
[72] ZHOU, WEIHUA, US
[72] SURVI, UDAY KUMAR, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-03-08
[86] 2016-09-14 (PCT/US2016/051592)
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[51] **Int.Cl. B01D 69/12 (2006.01) B01D 53/26 (2006.01)**
[25] EN
[54] **SELECTIVELY PERMEABLE GRAPHENE OXIDE/ POLYVINYL ALCOHOL MEMBRANE FOR DEHYDRATION**
[54] **MEMBRANE D'ALCOOL POLYVINYLIQUE/D'OXYDE DE GRAPHENE A PERMEABILITE SELECTIVE POUR LA DESHYDRATATION**
[72] ZHENG, SHIJUN, US
[72] WANG, PENG, US
[72] ROMERO, REBECCA, US
[72] KITAHARA, ISAMU, US
[72] LIN, WEIPING, US
[71] NITTO DENKO CORPORATION, JP
[85] 2018-03-08
[86] 2016-09-09 (PCT/US2016/051101)
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[25] EN
[54] **CLEANING COMPOSITION AND METHOD OF CLEANING AIR INTAKE VALVE DEPOSITS**
[54] **COMPOSITION DE NETTOYAGE ET PROCEDE DE NETTOYAGE DES DEPOTS SUR DES SOUPAPES D'ADMISSION D'AIR**
[72] HASINOVIC, HIDA, US
[72] TURCOTTE, DAVID E., US
[71] VALVOLINE LICENSING AND INTELLECTUAL PROPERTY LLC, US
[85] 2018-03-08
[86] 2016-09-13 (PCT/US2016/051476)
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[25] EN
[54] **ANTIMICROBIAL CLAY COMPOSITIONS AND METHODS OF USING**
[54] **COMPOSITIONS D'ARGILE ANTIMICROBIENNES ET PROCEDES D'UTILISATION**
[72] HAGEN, CHAD, US
[72] MUSSER, ROBERT, US
[72] COONEY, RYAN, US
[72] FRIESEN, KIM, US
[72] SONG, RAN, US
[72] WIERNUSZ, CHESTER, US
[71] NUTRIQUEST, LLC, US
[85] 2018-03-08
[86] 2016-09-15 (PCT/US2016/051893)
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[51] **Int.Cl. A61K 38/46 (2006.01) C12N 15/113 (2010.01) A61K 48/00 (2006.01) A61P 27/06 (2006.01) C12N 15/87 (2006.01) C12N 15/90 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT OF GLAUCOMA**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DU GLAUCOME**
[72] ZHENG, LIANGHONG, CN
[72] ZHU, JIE, CN
[72] ZHAO, LING, CN
[72] AI, MICHAEL, CN
[72] LI, OULAN, CN
[72] ZHANG, KANG, US
[71] YOUHEALTH BIOTECH, LIMITED, KY
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-03-08
[86] 2016-09-09 (PCT/US2016/051117)
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[51] **Int.Cl. A61M 25/10 (2013.01) A61B 17/22 (2006.01)**
[25] EN
[54] **WEDGE DISSECTORS FOR A MEDICAL BALLOON**
[54] **DISSECTEURS DE COINS POUR BALLONNET MEDICAL**
[72] GIASOLLI, ROBERT M., US
[72] SCHNEIDER, PETER, US
[72] JOHANSSON, PETER, US
[71] CAGENT VASCULAR, LLC, US
[85] 2018-03-08
[86] 2016-09-16 (PCT/US2016/052332)
[87] (WO2017/049227)
[30] US (62/220,195) 2015-09-17

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[51] **Int.Cl. C07K 16/00 (2006.01) C07K 16/24 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **TETRAVALENT BISPECIFIC AND TETRASPECIFIC ANTIGEN BINDING PROTEINS AND USES THEREOF**
[54] **PROTEINES DE LIAISON A L'ANTIGENE TETRASPECIFIQUES ET BISPECIFIQUES TETRAVALENTES ET UTILISATIONS DE CELLES-CI**
[72] KANNAN, GUNASEKARAN, US
[72] HORTTER, MICHELLE, US
[72] BELOUSKI, EDWARD J., US
[71] AMGEN INC., US
[85] 2018-03-08
[86] 2016-09-15 (PCT/US2016/052006)
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[30] US (62/218,977) 2015-09-15
[30] US (PCT/US2015/050115) 2015-09-15

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[25] EN
[54] **COMBINED PULSE ECHO INSPECTION OF PIPELINE SYSTEMS**
[54] **INSPECTION D'ECHO D'IMPULSIONS COMBINEES DE SYSTEMES DE TUYAUTERIE**
[72] SUTHERLAND, JEFFREY EARLE, CA
[72] EASTCOTT, RYAN, CA
[71] GENERAL ELECTRIC COMPANY, US
[71] SUTHERLAND, JEFFREY EARLE, CA
[71] EASTCOTT, RYAN, CA
[85] 2018-03-08
[86] 2016-09-20 (PCT/US2016/052705)
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[30] US (62/221,067) 2015-09-20

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[51] **Int.Cl. H05K 1/02 (2006.01) B23K 9/10 (2006.01) H05K 1/14 (2006.01) H05K 7/14 (2006.01)**
[25] EN
[54] **PRINTED CIRCUIT BOARD ARRANGEMENT FOR WELDING AND CUTTING APPARATUS**
[54] **AGENCEMENT DE CARTES DE CIRCUIT IMPRIME POUR APPAREIL DE SOUDAGE ET DE COUPE**
[72] GHARIB, AWAD, US
[72] ANJANAPPA, MUNISWAMAPPA, US
[72] SANGHAVI, PRANAV, US
[71] THE ESAB GROUP, INC., US
[85] 2018-03-08
[86] 2016-09-16 (PCT/US2016/052068)
[87] (WO2017/049041)
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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING RELAPSING FORMS OF MULTIPLE SCLEROSIS**
[54] **METHODES DE TRAITEMENT DE FORMES RECURRENTES DE LA SCLEROSE EN PLAQUES**
[72] GREENBERG, STEVEN J., US
[72] MUELLER, BERNHARD K., DE
[72] POPP, ANDREAS, DE
[72] ROSEBRAUGH, MATTHEW R., US
[72] HAIG, GEORGE M., US
[72] LIN, SHAO-LEE, US
[71] ABBVIE DEUTSCHLAND GMBH & CO. KG, DE
[71] ABBVIE INC., US
[85] 2018-03-08
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[30] US (62/217,672) 2015-09-11
[30] US (62/344,024) 2016-06-01
[30] US (62/362,931) 2016-07-15
[30] US (62/381,322) 2016-08-30

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[51] **Int.Cl. H02M 1/42 (2007.01) B23K 9/10 (2006.01) H02M 7/48 (2007.01)**
[25] EN
[54] **POWER SUPPLY FOR WELDING AND CUTTING APPARATUS**
[54] **ALIMENTATION ELECTRIQUE POUR APPAREIL DE SOUDAGE ET DE DECOUPAGE**
[72] MACHADO, RODRIGO CESAR SALUM, US
[72] SANGHAVI, PRANAV P., US
[72] THOVARAYI, SUNEESH, US
[72] YADAV, BINOD, US
[72] SHAH, HARDIK S., US
[72] GHARIB, AWAD, US
[72] ANJANAPPA, MUNISWAMAPPA, US
[71] THE ESAB GROUP, INC., US
[85] 2018-03-08
[86] 2016-09-16 (PCT/US2016/052073)
[87] (WO2017/049046)
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[51] **Int.Cl. C12N 5/10 (2006.01) C12N 15/877 (2010.01) A01K 67/027 (2006.01) A01N 1/02 (2006.01) C12N 5/16 (2006.01) C12N 15/85 (2006.01) C12N 15/867 (2006.01) C12N 15/90 (2006.01)**
[25] EN
[54] **MULTI-TRANSGENIC PIG FOR XENOTRANSPLANTATION**
[54] **COCHON MULTI-TRANSGENIQUE POUR XENOGREFFE**
[72] AYARES, DAVID L., US
[72] PHELPS, CAROL, US
[71] REVIVICOR, INC., US
[85] 2018-03-08
[86] 2016-09-09 (PCT/US2016/051126)
[87] (WO2017/044864)
[30] US (62/216,225) 2015-09-09
[30] US (62/256,068) 2015-11-16

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[51] **Int.Cl. A61K 31/53 (2006.01) A61K 31/664 (2006.01) A61K 31/675 (2006.01) A61K 31/683 (2006.01) A61K 31/685 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING ARENAVIRIDAE AND CORONAVIRIDAE VIRUS INFECTIONS**
[54] **PROCEDES POUR LE TRAITEMENT D'INFECTIONS VIRALES A ARENAVIRIDAE ET CORONAVIRIDAE**
[72] CLARKE, MICHAEL O' NEIL HANRAHAN, US
[72] FENG, JOY YANG, US
[72] JORDAN, ROBERT, US
[72] MACKMAN, RICHARD L., US
[72] RAY, ADRIAN S., US
[72] SIEGEL, DUSTIN, US
[71] GILEAD SCIENCES, INC., US
[85] 2018-03-08
[86] 2016-09-16 (PCT/US2016/052092)
[87] (WO2017/049060)
[30] US (62/219,302) 2015-09-16
[30] US (62/239,696) 2015-10-09

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[13] A1
[51] **Int.Cl. A61K 8/44 (2006.01) A61K 8/97 (2017.01) A61Q 11/00 (2006.01) A61Q 17/00 (2006.01)**
[25] EN
[54] **SYNERGISTIC ANTIBACTERIAL EFFECTS OF MAGNOLIA BARK EXTRACT AND L-ARGININE, N-ALPHA-LAUROYL ETHYL ESTER ON SALIVARY BACTERIA**
[54] **EFFETS ANTIBACTERIENS SYNERGIQUES D'EXTRAIT D'ECORCE DE MAGNOLIA ET D'ESTER ETHYLIQUE DE N-ALPHA-LAUROYL-L-ARGININE SUR DES BACTERIES SALIVAIRES**
[72] DODDS, MICHAEL W., US
[72] TIAN, MINMIN, US
[72] INUI, TAICHI, US
[72] RAMIREZ, LILIAN, US
[71] WM. WRIGLEY JR. COMPANY, US
[85] 2018-03-08
[86] 2016-09-12 (PCT/US2016/051275)
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[30] US (62/217,212) 2015-09-11

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[51] **Int.Cl. A61B 90/50 (2016.01) A61B 34/30 (2016.01) F16M 11/06 (2006.01)**
[25] EN
[54] **POSITIONING DEVICE AND METHOD OF USE**
[54] **DISPOSITIF DE POSITIONNEMENT ET PROCEDE D'UTILISATION**
[72] FRANKEL, JONATHAN, US
[72] BAKER, MICHAEL, US
[71] CEDARS-SINAI MEDICAL CENTER, US
[71] BAKER GROUP, LLP, US
[85] 2018-03-08
[86] 2016-09-30 (PCT/US2016/054970)
[87] (WO2017/059343)
[30] US (62/235,347) 2015-09-30

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[25] EN
[54] **CONCENTRATED LOW VISCOSITY AGRICULTURAL FORMULATIONS**
[54] **FORMULATIONS AGRICOLES CONCENTREES A FAIBLE VISCOSITE**
[72] STERN, ALAN J., US
[72] MEREDITH, MATTHEW T., US
[72] WANG, ZHIDONG, CN
[72] BROWN, ROWAN, AU
[71] HUNTSMAN PETROCHEMICAL LLC, US
[85] 2018-03-08
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[87] (WO2017/155694)
[30] US (62/305,163) 2016-03-08
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[51] **Int.Cl. A01N 63/02 (2006.01) C12N 15/113 (2010.01) C12N 15/10 (2006.01)**
[25] EN
[54] **METHODS OF PRESERVING THE BIOLOGICAL ACTIVITY OF RIBONUCLEIC ACIDS**
[54] **PROCEDES DE PRESERVATION DE L'ACTIVITE BIOLOGIQUE D'ACIDES RIBONUCLEIQUES**
[72] FELDMANN, PASCALE, BE
[72] FOWLER, JEFFREY DAVID, US
[72] MADDELEIN, WENDY, BE
[72] MAILLET, ISABELLE, BE
[72] CROMHEECKE, NINA, BE
[71] DEVGEN NV, BE
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2018-03-06
[86] 2016-09-27 (PCT/EP2016/072927)
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[30] US (62/237,055) 2015-10-05

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[51] **Int.Cl. C09J 7/29 (2018.01) G09F 3/10 (2006.01)**
[25] EN
[54] **MULTI-LAYER CARRIER FILM COMPOSED OF PLASTIC**
[54] **FILM SUPPORT MULTICOUCHE EN PLASTIQUE**
[72] GRIMM, FELIX, DE
[72] PANHANS, JURGEN, DE
[71] INFIANA GERMANY GMBH & CO. KG, DE
[85] 2018-03-09
[86] 2016-09-05 (PCT/EP2016/001497)
[87] (WO2017/041883)
[30] DE (10 2015 011 642.8) 2015-09-11

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[51] **Int.Cl. C07H 19/10 (2006.01) C07H 19/20 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **POLYPEPTIDE TAGGED NUCLEOTIDES AND USE THEREOF IN NUCLEIC ACID SEQUENCING BY NANOPORE DETECTION**
[54] **NUCLEOTIDES A MARQUAGE POLYPEPTIDIQUE ET LEUR UTILISATION DANS LE SEQUENCAGE D'ACIDE NUCLEIQUE PAR DETECTION PAR NANOPORES**
[72] BERGMANN, FRANK, DE
[72] SEIDEL, CHRISTOPH, DE
[72] TRANS, ANDREW, US
[72] GREMYACHINSKIY, DMITRIY, US
[72] KUCHELMEISTER, HANNES, DE
[72] HILLRINGHAUS, LARS, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **ATTENUATION ACTIVE DU BRUIT AERIEN**
[72] BECKMAN, BRIAN C., US
[72] KIMCHI, GUR, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2018-03-08
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[54] **MODULAR VENTILATION SYSTEM**
[54] **SYSTEME DE VENTILATION MODULAIRE**
[72] AHMAD, SAMIR S., US
[72] BRAMBILLA, ENRICO, US
[72] NIKKHAH, ALI, US
[72] MASTROVICH, LAWRENCE A., US
[72] BERMAN, GARY, US
[72] VAHIDI, MASOUD, US
[71] BREATHE TECHNOLOGIES, INC., US
[85] 2018-03-08
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[54] **FRAGRANCE COMPOSITIONS COMPRISING IONIC LIQUIDS**
[54] **COMPOSITIONS DE PARFUM COMPRENANT DES LIQUIDES IONIQUES**
[72] HOLLAND, LYNETTE ANNE MAKINS, GB
[72] FOVARGUE, HENRY CHARLES REGINALD, GB
[72] SEDDON, KENNETH RICHARD, GB
[72] GUNARATNE, HARAMBAGE QUINTUS NIMAL, GB
[72] PUGA, ALBERTO VACA, GB
[72] FERRERO VALLANA, FEDERICO MARIA, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-03-08
[86] 2016-10-28 (PCT/US2016/059241)
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[30] US (62/247,738) 2015-10-28

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[25] EN
[54] **LOXAPINE FILM ORAL DOSAGE FORM**
[54] **FORME PHARMACEUTIQUE ORALE DE FILM DE LOXAPINE**
[72] BILAL, MOBARIK, CA
[72] OBEID, RODOLPHE, CA
[72] PAIEMENT, NADINE, CA
[71] INTELGENX CORP., CA
[85] 2018-03-09
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[54] **A CARTRIDGE AND A SYSTEM FOR AN AEROSOL-FORMING ARTICLE INCLUDING THE CARTRIDGE**
[54] **CARTOUCHE ET SYSTEME POUR ARTICLE DE FORMATION D'AEROSOL COMPRENANT LA CARTOUCHE**
[72] NICOLAS, FREDERIC, FR
[72] BATISTA, RUI NUNO, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-03-09
[86] 2016-09-01 (PCT/EP2016/070589)
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[54] **PYRAZOLYL-SUBSTITUTED HETEROARYLS AND THEIR USE AS MEDICAMENTS**
[54] **HETEROARYLES A SUBSTITUTION PYRAZOLYLE ET LEUR UTILISATION EN TANT QUE MEDICAMENTS**
[72] HOFFMANN, MATTHIAS, DE
[72] DAHMANN, GEORG, DE
[72] GNAMM, CHRISTIAN, DE
[72] FANDRICK, DANIEL, US
[72] SCOTT, JOHN, GB
[72] MCCARTHY, CLIVE, GB
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[54] **METHOD AND DEVICE FOR NUCLEIC ACID BASED DIAGNOSTIC APPROACHES INCLUDING THE DETERMINATION OF A DEVIANT CONDITION, ESPECIALLY A HEALTH CONDITION AND/OR A PATHOGENIC CONDITION OF ASAMPLE**
[54] **PROCEDE ET DISPOSITIF POUR APPROCHES DIAGNOSTIQUES BASEES SUR L'ACIDE NUCLEIQUE COMPRENANT LA DETERMINATION D'UN ETAT DEVIANT, EN PARTICULIER UN ETAT DE SANTE ET/OU UN ETAT PATHOGENE D'UN ECHANTILLON**
[72] SOHN, KAI, DE
[72] GRUMAZ, SILKE, DE
[72] STEVENS, PHILIP, DE
[72] VON HAESELER, ARNDT, AT
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[71] UNIVERSITAT STUTTGART, DE
[71] MEDIZINISCHE UNIVERSITAT WIEN, AT
[71] UNIVERSITAT WIEN, AT
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[51] **Int.Cl. A24F 47/00 (2006.01) A24B 15/16 (2006.01)**
[25] EN
[54] **MULTI-SEGMENT COMPONENT FOR AN AEROSOL-GENERATING ARTICLE**
[54] **ELEMENT A SEGMENTS MULTIPLES POUR ARTICLE DE GENERATION D'AEROSOL**
[72] MALGAT, ALEXANDRE, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-03-09
[86] 2016-09-08 (PCT/EP2016/071234)
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[25] EN
[54] **PROTECTING ORAL OVERDOSE WITH ABUSE DETERRENT IMMEDIATE RELEASE FORMULATIONS**
[54] **PROTECTION CONTRE UN SURDOSAGE PAR VOIE ORALE A L'AIDE DE FORMULATIONS A LIBERATION IMMEDIATE DISSUASIVES D'ABUS**
[72] WENING, KLAUS, DE
[72] SCHWIER, SEBASTIAN, DE
[72] BERTRAM, ULRIKE, DE
[71] GRUNENTHAL GMBH, DE
[85] 2018-03-09
[86] 2016-09-09 (PCT/EP2016/071287)
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[54] **3D PRINTER, RELATED SET OF PARTS AND METHODS**
[54] **IMPRIMANTE 3D, SON JEU DE PIECES ET SES PROCEDES**
[72] ISSA, JOSEPH, CA
[71] ISSA, JOSEPH, CA
[85] 2018-03-09
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[72] VAN DER LAAN, JAN METSKE, NL
[72] OOI, SIEW-LOON, NL
[72] TEUNISSEN, ALOYSIUS WILHELMUS RUDOLPHUS HUBERTUS, NL
[72] WILBRINK, MAARTEN HOTSE, NL
[71] DSM IP ASSETS B.V., NL
[85] 2018-03-09
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[54] **MEANS FOR THE TREATMENT OF HIV**
[54] **MOYEN DE TRAITEMENT DU VIH**
[72] SCHROFF, MATTHIAS, DE
[72] SCHMIDT, MANUEL, DE
[72] KAPP, KERSTIN, DE
[72] ZURLO, ALFREDO, DE
[72] SCHMELTZ SOGAARD, OLE, DE
[72] TOLSTRUP, MARTIN, DE
[72] OFFERSEN, RASMUS, DE
[71] MOLOGEN AG, DE
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[25] EN
[54] **TREATMENT OF BONE GROWTH DISORDERS**
[54] **TRAITEMENT DE TROUBLES DE LA CROISSANCE OSSEUSE**
[72] SETTEMBRE, CARMINE, IT
[72] CINQUE, LAURA, IT
[72] BARTOLOMEO, ROSA, IT
[72] AURICCHIO, ALBERTO, IT
[72] TRAPANI, IVANA, IT
[72] TORIELLO, ELISABETTA, IT
[71] FONDAZIONE TELETHON, IT
[85] 2018-03-09
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[30] US (62/233,687) 2015-09-28

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[25] EN
[54] **SEMIFLUORINATED COMPOUNDS FOR OPHTHALMIC ADMINISTRATION**
[54] **COMPOSES SEMI-FLUORES POUR ADMINISTRATION OPHTALMIQUE**
[72] SCHERER, DIETER, CH
[72] GRILLENBERGER, RALF, DE
[72] LOSCHER, FRANK, DE
[72] VOSS, HARTMUT, DE
[71] NOVALIQ GMBH, DE
[85] 2018-03-09
[86] 2016-09-29 (PCT/EP2016/073262)
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[30] EP (15187760.2) 2015-09-30
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[25] EN
[54] **TCR AND USES THEREOF**
[54] **TCR ET UTILISATIONS ASSOCIEES**
[72] CASORATI, GIULIA, IT
[72] DELLABONA, PAOLO, IT
[72] DE LALLA, CLAUDIA, IT
[72] GARAVAGLIA, CLAUDIO, IT
[72] CONSONNI, MICHELA, IT
[71] OSPEDALE SAN RAFFAELE S.R.L., IT
[71] FONDAZIONE CENTRO SAN RAFFAELE, IT
[85] 2018-03-09
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[51] **Int.Cl. E21B 34/14 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **DOWNHOLE FLOW DEVICE**
[54] **DISPOSITIF DE REGLAGE DE DEBIT EN FOND DE TROU**
[72] KUMAR, SATISH, DK
[72] HANNAH, NEIL, DK
[71] WELLTEC A/S, DK
[85] 2018-03-09
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[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR HEATING AND FOAMING A LIQUID, IN PARTICULAR A BEVERAGE**
[54] **DISPOSITIF ET PROCEDE DE CHAUFFAGE ET DE MOUSSAGE D'UN LIQUIDE, EN PARTICULIER D'UNE BOISSON**
[72] LOCHER, GREGOIRE, CH
[72] BETRISEY, STEPHANE, CH
[71] EVERSYS HOLDING SA, CH
[85] 2018-03-09
[86] 2016-10-06 (PCT/EP2016/073867)
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[25] EN
[54] **MODIFIED RELEASE ORALLY ADMINISTERED AMINO ACID FORMULATIONS**
[54] **FORMULATIONS D'ACIDES AMINES ADMINISTREES PAR VOIE ORALE ET A LIBERATION MODIFIEE**
[72] REINER, ALBERTO, IT
[72] REINER, GIORGIO, IT
[71] APR APPLIED PHARMA RESEARCH S.A., CH
[85] 2018-03-09
[86] 2016-09-27 (PCT/IB2016/055773)
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[51] **Int.Cl. C07D 213/74 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING 1-(4-METHANESULFONYL-2-TRIFLUOROMETHYL-BENZYL)-2-METHYL-1H-PYRROLO [2,3-B]PYRIDIN-3-YL-ACETIC ACID**
[54] **PROCEDE DE PREPARATION D'ACIDE 1- (4-METHANESULFONYL-2-TRIFLUOROMETHYL-BENZYL)-2-METHYL -1H-PYRROLO[2,3-B]PYRIDIN-3-YL-ACETIQUE**
[72] LUSTENBERGER, PHILIPP, CH
[72] MATHES, CHRISTIAN, CH
[72] FEI, ZHONGBO, CN
[72] RISS, BERNARD, CH
[72] SCHLAMA, THIERRY, CH
[71] NOVARTIS AG, CH
[85] 2018-03-09
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[13] A1
[51] **Int.Cl. C12N 1/16 (2006.01) C12G 1/022 (2006.01) C12N 1/18 (2006.01)**
[25] FR
[54] **YEAST STRAINS FOR FERMENTED BEVERAGES AND PARTICULARLY FOR WINE**
[54] **SOUCHES DE LEVURE POUR BOISSONS FERMENTEES ET NOTAMMENT POUR LE VIN**
[72] DORIGNAC, ETIENNE, FR
[72] QUIPOURT, ANNE-DOMINIQUE, FR
[72] TBAIKHI, ANNIE, FR
[71] LESAFFRE ET COMPAGNIE, FR
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[86] 2016-09-20 (PCT/FR2016/052385)
[87] (WO2017/051114)
[30] FR (15 58875) 2015-09-21

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[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01) G01N 3/40 (2006.01)**
[25] EN
[54] **AN APPARATUS AND A METHOD FOR PERFORMING A STANDARD PENETRATION TEST**
[54] **APPAREIL ET PROCEDE POUR EFFECTUER UN ESSAI DE PENETRATION NORMALISE**
[72] INNES, MURRAY GRANT, CA
[72] WOLVERTON, JERRY ELFORD, CA
[72] ELFORD, DUSTYN JORDAN LEWIS, CA
[72] TEEUWSEN, DANIEL PAUL, CA
[72] HUGHES, SCOTT DAVID, CA
[71] MARL TECHNOLOGIES INC., CA
[85] 2018-03-09
[86] 2016-09-15 (PCT/CA2016/051087)
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[30] US (62/220,413) 2015-09-18

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[51] **Int.Cl. C12P 19/02 (2006.01) C12P 19/04 (2006.01) C12P 19/12 (2006.01)**
[25] EN
[54] **SELF-SUFFICIENT PROCESS FOR THE PRODUCTION OF BIOMASS HYDROLYSATE WITH REDUCED SALT CONTENT**
[54] **PROCEDE AUTO-SUFFISANT POUR LA PRODUCTION D'HYDROLYSAT DE BIOMASSE A TENEUR EN SEL REDUITE**
[72] ZAVREL, MICHAEL, DE
[72] DENNEWALD, DANIELLE, DE
[72] HOFFMANN, PHILIP, DE
[72] VERHUELSDONK, MARCUS, DE
[71] CLARIANT INTERNATIONAL LTD, CH
[85] 2018-03-09
[86] 2016-08-19 (PCT/EP2016/069739)
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[30] EP (15184895.9) 2015-09-11

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[51] **Int.Cl. C12P 19/02 (2006.01) C12P 19/04 (2006.01) C12P 19/12 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PURIFICATION OF BIOMASS HYDROLYSATE**
[54] **PROCEDE DE PURIFICATION D'HYDROLYSAT DE BIOMASSE**
[72] ZAVREL, MICHAEL, DE
[72] DENNEWALD, DANIELLE, DE
[72] HOFFMANN, PHILIP, DE
[71] CLARIANT INTERNATIONAL LTD, CH
[85] 2018-03-09
[86] 2016-08-19 (PCT/EP2016/069740)
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[30] EP (15184893.4) 2015-09-11

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[51] **Int.Cl. C02F 9/08 (2006.01) B01D 29/62 (2006.01) C02F 1/00 (2006.01) C02F 1/34 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DEWATERING SOLID PARTICLES IN A CONTAMINATED LIQUID MIXTURE**
[54] **PROCEDES ET SYSTEMES DE DESHYDRATATION DE PARTICULES SOLIDES DANS UN MELANGE LIQUIDE CONTAMINE**
[72] POWELL, ANTHONY L., CA
[72] BUTTERS, BRIAN E., CA
[71] 1934612 ONTARIO INC., CA
[85] 2018-03-09
[86] 2016-09-09 (PCT/IB2016/001406)
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[30] US (62/216,972) 2015-09-10

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[51] **Int.Cl. A01H 5/12 (2018.01) C12N 9/00 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PLANTS WITH REDUCED ASPARAGINE CONTENT**
[54] **PLANTES A TENEUR EN ASPARAGINE REDUITE**
[72] BOVET, LUCIEN, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-03-09
[86] 2016-09-06 (PCT/EP2016/070972)
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[30] EP (15184528.6) 2015-09-09

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[51] **Int.Cl. C12N 15/10 (2006.01) C12N 9/22 (2006.01) C12N 15/11 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **NOVEL FAMILY OF RNA-PROGRAMMABLE ENDONUCLEASES AND THEIR USES IN GENOME EDITING AND OTHER APPLICATIONS**
[54] **NOUVELLE FAMILLE D'ENDONUCLEASES ARN-PROGRAMMABLES ET LEURS UTILISATIONS DANS L'EDITION DE GENOME ET D'AUTRES APPLICATIONS**
[72] LUNDBERG, ANTE SVEN, US
[72] CHARPENTIER, EMMANUELLE MARIE, DE
[72] FONFARA, INES, DE
[72] RICHTER, HAGEN KLAUS GUNTHER, DE
[71] CRISPR THERAPEUTICS AG, CH
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
[71] HELMHOLTZ-ZENTRUM FUR INFEKTIONSFORSCHUNG GMBH, DE
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[87] (WO2017/064546)
[30] US (62/232,381) 2015-09-24
[30] US (62/260,059) 2015-11-25
[30] US (62/261,451) 2015-12-01
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[30] US (62/296,895) 2016-02-18
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[13] A1
[51] **Int.Cl. H02M 1/14 (2006.01) H02M 7/02 (2006.01) H05B 33/08 (2006.01)**
[25] EN
[54] **CURRENT RIPPLE SENSING CONTROLLER FOR A SINGLE-STAGE LED DRIVER**
[54] **CONTROLEUR DE DETECTION D'ONDULATION DE COURANT POUR UN CIRCUIT D'ATTAQUE DE LED A ETAGE UNIQUE**
[72] QIU, YAJIE, CA
[72] LIU, YAN-FEI, CA
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA
[85] 2018-03-09
[86] 2016-09-15 (PCT/CA2016/051085)
[87] (WO2017/045075)
[30] US (62/220,436) 2015-09-18

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[13] A1
[51] **Int.Cl. B60L 11/18 (2006.01) H02J 50/40 (2016.01) H02J 50/90 (2016.01) H02J 5/00 (2016.01)**
[25] EN
[54] **A SYSTEM AND A METHOD FOR DETERMINING A RELATIVE POSITION AND/OR ORIENTATION BETWEEN A PRIMARY AND A SECONDARY WINDING STRUCTURE**
[54] **SYSTEME ET PROCEDE POUR DETERMINER UNE POSITION ET/OU ORIENTATION RELATIVE ENTRE DES STRUCTURES D'ENROULEMENT PRIMAIRE ET SECONDAIRE**
[72] KLINGSPOR, ALEXANDER, DE
[72] MUHLENHOFF, DIRK, DE
[72] ANDERS, DOMINIK, DE
[72] VELTE, ERIC, DE
[71] BOMBARDIER PRIMOVE GMBH, DE
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[87] (WO2017/042364)
[30] GB (1516099.7) 2015-09-11

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[54] **CELLULES TUEUSES NATURELLES (NK) GROUPEES ISSUES DU SANG DE CORDON OMBILICAL ASSOCIEES A DES ANTICORPS ET LEURS UTILISATIONS POUR LE TRAITEMENT D'UNE MALADIE**
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[71] EMERCELL SAS, FR
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[54] **3-HYDROXY-QUINAZOLINE-2,4-DIONE DERIVATIVES AND THEIR USE AS NUCLEASE MODULATORS**
[54] **DERIVES DE 3-HYDROXY-QUINAZOLINE-2,4-DIONE ET LEUR UTILISATION COMME MODULATEURS DE NUCLEASE**
[72] GAHMAN, TIMOTHY, US
[72] SHIAU, ANDREW, US
[72] KOLODNER, RICHARD, US
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH LTD, CH
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[54] **A METHOD OF PROTECTING DATA USING COMPRESSION ALGORITHMS**
[54] **PROCEDE DE PROTECTION DE DONNEES A L'AIDE D'ALGORITHMES DE COMPRESSION**
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[54] **PHARMACEUTICAL ASSOCIATION FOR CONVERTING A NEOPLASTIC CELL INTO A NON-NEOPLASTIC CELL AND USES THEREOF**
[54] **ASSOCIATION PHARMACEUTIQUE POUR CONVERTIR UNE CELLULE NEOPLASIQUE EN CELLULE NON-NEOPLASIQUE ET SES UTILISATIONS**
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[72] GOCHEVA, VERONIKA, CH
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[54] **SYSTEMS AND METHODS FOR GUIDING THE INSERTION OF A MEDICAL TOOL**
[54] **SYSTEMES ET PROCEDES POUR GUIDER L'INSERTION D'UN OUTIL MEDICAL**
[72] SHOCHAT, MORAN, IL
[72] ARNOLD, OFER, IL
[72] GOLDBERG, SHRAGA NAHUM, IL
[71] XACT ROBOTICS LTD., IL
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[54] **AGENTS DE LEVEE**
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[72] AWONO, SYLVESTRE, BE
[72] GENOT, BERNARD, BE
[71] PURATOS NV, BE
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[54] **ADJUSTING DISPLAYS ON USER MONITORS AND GUIDING USERS' ATTENTION**
[54] **REGLAGE D'AFFICHEURS SUR DES MONITEURS D'UTILISATEUR ET GUIDAGE DE L'ATTENTION DES UTILISATEURS**
[72] SHAHAL, AVNER, IL
[71] ELBIT SYSTEMS LTD., IL
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[54] **CONTROL DEVICE FOR FUEL CELL SYSTEM AND CONTROL METHOD FOR FUEL CELL SYSTEM**
[54] **DISPOSITIF DE COMMANDE DE SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE DE COMMANDE DE SYSTEME DE PILE A COMBUSTIBLE**
[72] AOKI, TETSUYA, JP
[72] IKEDA, NOBUHISA, JP
[72] KOTAKA, TOSHIKAZU, JP
[72] IWASAKI, DAIGO, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **SHEET PRODUCT SUPPLYING APPARATUS**
[54] **APPAREIL D'ALIMENTATION DE PRODUIT EN FEUILLE**
[72] TANAKA, KOHEI, JP
[72] KAI, SHINTARO, JP
[71] TOTANI CORPORATION, JP
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[54] **PROCEDE DE PRODUCTION D'E-CAPROLACTAME**
[72] TSUKAMOTO, DAIJIRO, JP
[72] ITO, MASATERU, JP
[72] YAMADA, KATSUSHIGE, JP
[72] YAMASHITA, KOHEI, JP
[72] AKAHIRA, MASATO, JP
[72] YAMAUCHI, KOJI, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **TERMINAL DEVICE, BASE STATION DEVICE, COMMUNICATION METHOD, AND INTEGRATED CIRCUIT**
[54] **DISPOSITIF TERMINAL, DISPOSITIF DE STATION DE BASE, PROCEDE DE COMMUNICATION ET CIRCUIT INTEGRE**
[72] AIBA, TATSUSHI, JP
[72] SUZUKI, SHOICHI, JP
[72] YOKOMAKURA, KAZUNARI, JP
[72] TAKAHASHI, HIROKI, JP
[71] SHARP KABUSHIKI KAISHA, JP
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[54] **GAS TREATMENT METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE GAZ**
[72] FUJIMORI, YOJI, JP
[72] ISHII, TETSUYA, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
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[54] **METHOD FOR PRODUCING A COMPOSITE PANE HAVING AN INFRARED-REFLECTING COATING ON A CARRIER FILM**
[54] **PROCEDE DE FABRICATION D'UNE VITRE COMPOSITE DOTEE D'UN REVETEMENT REFLECHISSANT LES INFRAROUGES SUR UNE FEUILLE DE SUPPORT**
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[72] VAN DER MEULEN, UWE, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[72] HIGUCHI, SEIYA, JP
[72] MIYAZAKI, RYOUTA, JP
[72] OGAWA, KENTO, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
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[54] **NITRILE RUBBER COMPOSITION, CROSS-LINKABLE NITRILE RUBBER COMPOSITION, AND CROSS-LINKED RUBBER**
[54] **COMPOSITION DE CAOUTCHOUC DE NITRILE, COMPOSITION DE CAOUTCHOUC DE NITRILE RETICULABLE ET CAOUTCHOUC RETICULE**
[72] SUGAWARA, SHINSUKE, JP
[71] ZEON CORPORATION, JP
[85] 2018-03-09
[86] 2016-09-13 (PCT/JP2016/076927)
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[72] HIGUCHI, SEIYA, JP
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[54] **FILM DETERIORATION PREVENTING MATERIAL AND ACID GAS REMOVING AGENT**
[54] **MATERIAU DE PREVENTION DE DEGRADATION DE FILM ET AGENT D'ELIMINATION DE GAZ ACIDE**
[72] MATSUI, KAZUNORI, JP
[72] ISHII, TERUMITSU, JP
[72] HASHIMOTO, AKIRA, JP
[71] ASHIGARA MANUFACTURING INC., JP
[85] 2018-03-09
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[54] **DRILLING MACHINE EQUIPPED WITH AN ANCHORING DEVICE ALLOWING THE HORIZONTAL MOVEMENT OF THE DRILLING MODULE IN THE ANCHORED POSITION**
[54] **MACHINE DE FORAGE MUNI D'UN DISPOSITIF D'ANCRAGE PERMETTANT LE MOUVEMENT HORIZONTAL DU MODULE DE FORAGE DANS LA POSITION ANCREE**
[72] CASCARINO, SARA, FR
[72] PERPEZAT, DANIEL, FR
[72] PIVERT, LAURENT, FR
[72] BERNASINSKI, REGIS, FR
[71] SOLETANCHE FREYSSINET, FR
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[54] **PANEL-LIKE FORMED PRODUCT AND MANUFACTURING METHOD THEREOF**
[54] **PRODUIT MOULE EN FORME DE PANNEAU ET SON PROCEDE DE FABRICATION**
[72] OTSUKA, KENICHIRO, JP
[72] NAKAZAWA, YOSHIAKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-03-09
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[54] **PYRIMIDINE-DIAMINE DUAL HSP90/TRAP1 INHIBITORS**
[54] **INHIBITEURS DOUBLES PYRIMIDINE-DIAMINE DE HSP90/TRAP1**
[72] NATALA, SRINIVASA REDDY, US
[72] PRASAD, SRIDHAR G., US
[71] CALASIA PHARMACEUTICALS, INC., US
[85] 2018-03-09
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[54] **UNITES D'HYDRATATION DE GEL AVEC SYSTEMES PNEUMATIQUE ET MECANIQUE POUR REDUIRE LE RENARDAGE D'UN FLUIDE VISQUEUX**
[72] PHILLIPPI, MAX L., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-03-09
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[54] **CHAUFFAGE DE ZONE DE CIRCUITS RESPIRATOIRES**
[72] LIU, PO-YEN, NZ
[72] SEEKUP, PETER ALAN, NZ
[72] NEWLAND, ANTHONY JAMES, NZ
[72] SMITH, MALCOLM DAVID, NZ
[72] SI, PING, NZ
[72] OOSTHUYSEN, HELGARD, NZ
[72] WILSON, MATTHEW ROBERT, NZ
[72] KWAN, IAN LEE WAI, NZ
[72] ALNASHI, SINAA, NZ
[72] TONKIN, PAUL JAMES, NZ
[72] MCCOOL, KIEL ANTHONY, NZ
[72] KEMPS, DAVID ROBERT, NZ
[72] LIN, YAYI, NZ
[72] ROSS, CALLUM MCDONALD, NZ
[72] SIMS, DAVID JOHN, NZ
[71] LIU, PO-YEN, NZ
[71] SEEKUP, PETER ALAN, NZ
[71] NEWLAND, ANTHONY JAMES, NZ
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[71] ALNASHI, SINAA, NZ
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[71] MCCOOL, KIEL ANTHONY, NZ
[71] KEMPS, DAVID ROBERT, NZ
[71] LIN, YAYI, NZ
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[71] SIMS, DAVID JOHN, NZ
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[54] **MACHINE-DRIVEN CROWD-DISAMBIGUATION OF DATA RESOURCES**
[54] **DESAMBIGUISATION COLLABORATIVE PILOTEE PAR MACHINE DE RESSOURCES DE DONNEES**
[72] LARRICK, DOUGLAS, US
[72] LEPESKA, PETER, US
[72] LERNER, DAVID, US
[72] TOTH, DEVIN, US
[71] VIASAT, INC., US
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[54] **DELAYED COKE DRUM QUENCH SYSTEMS AND METHODS HAVING REDUCED ATMOSPHERIC EMISSIONS**
[54] **SYSTEMES ET PROCEDES DE TREMPE RETARDES POUR TAMBOUR DE COKEFACTION AYANT DES EMISSIONS ATMOSPHERIQUES REDUITES**
[72] WARD, JOHN D., US
[72] HENIFORD, RICHARD, US
[72] ALEXANDER, SCOTT, US
[71] BECHTEL HYDROCARBON TECHNOLOGY SOLUTIONS, INC., US
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[54] **NOUILLES RAINUREES**
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[72] HIGASHI, MASAFUMI, JP
[71] NISSHIN FOODS INC., JP
[85] 2018-03-09
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[25] EN
[54] **SYSTEMS AND PROCESSES FOR EXECUTING PRIVATE PROGRAMS ON UNTRUSTED COMPUTERS**
[54] **SYSTEMES ET PROCEDES POUR EXECUTER DES PROGRAMMES PRIVES SUR DES ORDINATEURS NON SECURISES**
[72] SIDANA, ASHMEET, US
[72] KOLTE, PRIYADARSHAN, US
[72] LIN, CALVIN, US
[71] BAFFLE, INC., US
[85] 2018-03-09
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[25] EN
[54] **SYSTEMS AND METHODS FOR APPLYING REDUCED NEGATIVE PRESSURE THERAPY**
[54] **SYSTEMES ET PROCEDES POUR LA MISE EN □UVRE D'UNE THERAPIE PAR PRESSION NEGATIVE**
[72] GREGORY, WILLIAM W., US
[72] JAECKLEIN, WILLIAM JOSEPH, US
[72] SMITH, MATTHEW, US
[72] QUINTANAR, FELIX C., US
[71] SMITH & NEPHEW, INC., US
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[25] EN
[54] **PHOSPHOLIPID COMPOSITIONS AND USE THEREOF TO ENHANCE SPERMATOZOA MOTILITY AND VIABILITY**
[54] **COMPOSITIONS DE PHOSPHOLIPIDES ET LEUR UTILISATION POUR AMELIORER LA VIABILITE ET LA MOBILITE DES SPERMATOZOIDES**
[72] NICOLSON, GARTH, US
[72] FERREIRA DE MATTOS, GONZALO, UY
[72] SETTINERI, ROBERT A., US
[71] ALLERGY RESEARCH GROUP, LLC, US
[85] 2018-03-09
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[30] US (62/216,269) 2015-09-09
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[25] EN
[54] **APPARATUS, SYSTEM, AND METHOD FOR RESPONDING TO A USER-INITIATED QUERY WITH A CONTEXT-BASED RESPONSE**
[54] **APPAREIL, SYSTEME ET PROCEDE POUR REPONDRE A UNE INTERROGATION DECLENCHEE PAR UN UTILISATEUR AVEC UNE REPONSE BASEE SUR LE CONTEXTE**
[72] BLANCO, ALEJANDRO G., US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2018-03-09
[86] 2016-08-22 (PCT/US2016/048029)
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[30] US (14/862,759) 2015-09-23

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[54] **STERILIZATION ENCLOSURE FOR SURGICAL INSTRUMENTS**
[54] **ENCEINTE DE STERILISATION POUR INSTRUMENTS CHIRURGICAUX**
[72] HENNIGES, BRUCE, US
[72] CHILDERS, ROBERT, US
[72] CHMELAR, ERIK, US
[72] DUDYCHA, ADAM, US
[72] MILLER, MICHAEL, US
[72] MOAIERY, ALI, US
[72] PURRENHAGE, BENJAMIN JOHN, US
[71] STRYKER CORPORATION, US
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[54] **FILLET WELDING METHOD AND FILLET WELDED JOINT**
[54] **PROCEDE DE SOUDAGE D'ANGLE ET JOINT A SOUDAGE D'ANGLE**
[72] TATSUMI, YUJIRO, JP
[72] MIYAZAKI, YASUNOBU, JP
[72] KODAMA, SHINJI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **MITIGATION OF CABLE DAMAGE DURING PERFORATION**
[54] **ATTENUATION DE DOMMAGE DE CABLE PENDANT UNE PERFORATION**
[72] THERRIEN, JASON E., US
[72] JAASKELAINEN, MIKKO, US
[72] BENJAMIN, SELDON D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SCINTILLATORS HAVING THE K2PTCL6 CRYSTAL STRUCTURE**
[54] **SCINTILLATEURS COMPORTANT LA STRUCTURE CRISTALLINE K2PTCL6**
[72] PAYNE, STEPHEN A., US
[72] CHEREPY, NERINE, US
[72] BURGER, ARNOLD, US
[71] LAWRENCE LIVERMORE NATIONAL SECURITY, LLC, US
[71] FISK UNIVERSITY, US
[85] 2018-03-09
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[54] **GAS TREATMENT METHOD**
[54] **PROCEDE DE TRAITEMENT DE GAZ**
[72] FUJIMORI, YOJI, JP
[72] ISHII, TETSUYA, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2018-03-09
[86] 2016-09-16 (PCT/JP2016/077374)
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[51] **Int.Cl. F16K 31/02 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **COMBINATION ISOLATION VALVE AND CHECK VALVE WITH INTEGRAL FLOW RATE, PRESSURE, AND/OR TEMPERATURE MEASUREMENT WITH WIRELESS POWER**
[54] **CLAPET D'ISOLEMENT THERMIQUE ET CLAPET ANTI-RETOUR COMBINES, AVEC MESURE INTEGREE DU DEBIT, DE LA PRESSION ET/OU DE LA TEMPERATURE AVEC ALIMENTATION EN ENERGIE SANS FIL**
[72] ROSCA, FLORIN, US
[72] PEZZUOLO, ANDREA, IT
[71] FLUID HANDLING LLC, US
[85] 2018-03-09
[86] 2016-09-12 (PCT/US2016/051242)
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[54] **INORGANIC PIGMENTS SURFACE TREATED WITH POLYOL ESTERS**
[54] **PIGMENTS INORGANIQUES A SURFACE TRAITEE AVEC DES ESTERS DE POLYOL**
[72] GOPARAJU, VENKATA RAMA RAO, US
[72] KAZEROONI, VAHID, US
[71] TRONOX LLC, US
[85] 2018-03-09
[86] 2016-08-02 (PCT/US2016/045178)
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[54] **PROVIDING MEMORY MANAGEMENT FUNCTIONALITY USING AGGREGATED MEMORY MANAGEMENT UNITS (MMUS)**
[54] **FOURNITURE D'UNE FONCTIONNALITE DE GESTION DE MEMOIRE AU MOYEN D'UNITES DE GESTION DE MEMOIRE (MMU) REGROUPEES**
[72] GADELRAB, SERAG MONIER, US
[72] PODAIMA, JASON EDWARD, US
[72] LIU, RUOLONG, US
[72] MIRETSKY, ALEXANDER, US
[72] WIERCIENSKI, PAUL CHRISTOPHER JOHN, US
[72] ERNEWEIN, KYLE JOHN, US
[72] MOREIRA, CARLOS JAVIER, US
[72] BOOTH, SIMON PETER WILLIAM, US
[72] VARIA, MEGHAL, US
[72] DRYBURGH, THOMAS DAVID, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-03-09
[86] 2016-09-12 (PCT/US2016/051254)
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[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING SLURRY SAND CONCENTRATION AND CONTINUOUS CALIBRATION OF METERING MECHANISMS FOR TRANSFERRING SAME**
[54] **SYSTEME ET PROCEDE PERMETTANT DE DETERMINER LA CONCENTRATION EN SABLE DANS UNE BOUE ET ETALONNAGE CONTINU DE MECANISMES DE MESURE DESTINES AU TRANSFERT DE BOUE**
[72] WARREN, WESLEY JOHN, US
[72] LEWIS, BRYAN JOHN, US
[72] HUNTER, TIM H., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-03-09
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[54] **TEST DEVICE FOR DETERMINING THREE-DIMENSIONAL CONSOLIDATION PROPERTIES OF SOILS**
[54] **DISPOSITIF DE TEST POUR DETERMINER LES PROPRIETES DE CONSOLIDATION TRIDIMENSIONNELLE DE SOLS**
[72] GUPTA, RAMESH CHANDRA, US
[71] GUPTA, RAMESH CHANDRA, US
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[54] **PLATFORM FOR SECURE COMMUNICATIONS WITH MEDICAL DEVICE**
[54] **PLATE-FORME DE COMMUNICATIONS SECURISEES AVEC UN DISPOSITIF MEDICAL**
[72] RONDONI, JOHN, US
[72] DIEKEN, DAVE, US
[71] INSPIRE MEDICAL SYSTEMS, INC., US
[85] 2018-03-09
[86] 2016-08-11 (PCT/US2016/046600)
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[54] **HIGHLY POTENT MONOCLONAL ANTIBODIES TO ANGIOGENIC FACTORS**
[54] **ANTICORPS MONOCLONAUX HAUTEMENT PUISSANTS DIRIGES CONTRE DES FACTEURS ANGIOGENIQUES**
[72] KIM, KYUNG JIN, US
[72] PARK, HANGIL, US
[72] DING, YI, US
[72] ZHANG, APRIL, US
[72] WANG, LIHONG, US
[72] VASQUEZ, MAXIMILIANO, US
[71] GALAXY BIOTECH LLC, US
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[86] 2016-09-13 (PCT/US2016/051486)
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[54] **MESH NETWORK ROUTING BASED ON AVAILABILITY OF ASSETS**
[54] **ROUTAGE DE RESEAU MAILLE SUR LA BASE DE LA DISPONIBILITE DE RESSOURCES**
[72] HELIKER, BRETT, US
[72] NICHOLAS, BRAD, US
[71] UPTAKE TECHNOLOGIES, INC., US
[85] 2018-03-09
[86] 2016-09-12 (PCT/US2016/051387)
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[54] **FILTER CARTRIDGE FOR TRANSLATIONAL INSERTION AND ROTATIONAL ENGAGEMENT OF A MANIFOLD**
[54] **CARTOUCHE FILTRANTE POUR L'INSERTION PAR TRANSLATION ET LA MISE EN PRISE PAR ROTATION D'UN COLLECTEUR**
[72] SCHMOLL, JEREMY A., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-03-09
[86] 2016-08-30 (PCT/US2016/049422)
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[30] US (14/851,356) 2015-09-11

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[54] **SHORT-RANGE WIRELESS COMMUNICATION FOR A DIALYSIS SYSTEM**
[54] **COMMUNICATION SANS FIL A COURTE PORTEE POUR UN SYSTEME DE DIALYSE**
[72] MEDINA, CARLOS E., US
[72] YUDS, DAVID, US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2018-03-09
[86] 2016-09-06 (PCT/US2016/050366)
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[25] EN
[54] **ANTI-CD115 ANTIBODIES**
[54] **ANTICORPS ANTI-CD115**
[72] LIPPINCOTT, JOHN, US
[72] DUEY, DANA, US
[71] ABLEXIS, LLC, US
[85] 2018-03-09
[86] 2016-09-16 (PCT/US2016/052063)
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[54] **TRIAMINE SOLIDIFICATION USING DIACIDS**
[54] **SOLIDIFICATION DE TRIAMINE A L'AIDE DE DIACIDES**
[72] OLSON, ERIK C., US
[72] SILVERNAIL, CARTER M., US
[72] GRIESE, GREGORY G., US
[71] ECOLAB USA INC., US
[85] 2018-03-09
[86] 2016-09-16 (PCT/US2016/052121)
[87] (WO2017/049076)
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[54] **CARTRIDGE ACCUMULATOR**
[54] **ACCUMULATEUR A CARTOUCHE**
[72] MEZA, HUMBERTO, US
[71] FLOW CONTROL LLC., US
[85] 2018-03-09
[86] 2016-09-14 (PCT/US2016/051671)
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[54] **METHODS OF MAKING TRIAMINE SOLIDS**
[54] **PROCEDES DE FABRICATION DE MATIERES SOLIDES A BASE DE TRIAMINE**
[72] OLSON, ERIK C., US
[72] SILVERNAIL, CARTER M., US
[72] GRIESE, GREGORY G., US
[71] ECOLAB USA INC., US
[85] 2018-03-09
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR SOFT ANTICHOLINERGIC ESTERS**
[54] **METHODES ET COMPOSITIONS POUR ESTERS ANTICHOLINERGIQUES DOUX**
[72] BODOR, NICHOLAS S., US
[71] BODOR LABORATORIES, INC., US
[85] 2018-03-09
[86] 2016-09-06 (PCT/US2016/050385)
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[25] EN
[54] **SAFETY IV CATHETER WITH MOLDED-OPEN BLOOD CONTROL VALVE**
[54] **CATHETER INTRAVEINEUX DE SECURITE AVEC SOUPAPE DE REGULATION SANGUINE MOULEE OUVERTE**
[72] SHEVGOOR, SIDDARTH, US
[72] LIU, HUIBIN, US
[72] CLUFF, KEN, US
[72] BURKHOLZ, JON, US
[72] ISAACSON, RAY, US
[72] TRAINER, LAWRENCE J., US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2018-03-09
[86] 2016-09-16 (PCT/US2016/052232)
[87] (WO2017/049150)
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[51] **Int.Cl. H03K 17/92 (2006.01) H03K 17/00 (2006.01)**
[25] EN
[54] **SUPERCONDUCTING CROSS-BAR SWITCH SYSTEM**
[54] **SYSTEME DE COMMUTATEUR CROSSBAR SUPRACONDUCTEUR**
[72] NAAMAN, OFER, US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2018-03-09
[86] 2016-09-14 (PCT/US2016/051751)
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[51] **Int.Cl. G01N 23/04 (2018.01)**
[25] EN
[54] **BACKSCATTER CHARACTERIZATION USING INTERLINEARLY ADAPTIVE ELECTROMAGNETIC X-RAY SCANNING**
[54] **CARACTERISATION DE RETRODIFFUSION AU MOYEN D'UN BALAYAGE DE RAYONS X ELECTROMAGNETIQUES ADAPTATIFS INTERLINEAIRE**
[72] GRODZINS, LEE, US
[72] DINCA, DAN-CRISTIAN, US
[72] ROMMEL, MARTIN, US
[71] AMERICAN SCIENCE AND ENGINEERING, INC., US
[85] 2018-03-09
[86] 2016-09-07 (PCT/US2016/050467)
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[51] **Int.Cl. A61N 5/06 (2006.01)**
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[54] **INTRAORAL PHOTOTHERAPY DEVICES**
[54] **DISPOSITIFS DE PHOTOTHERAPIE INTRA-ORALE**
[72] KOTHARI, VEDANG, US
[72] BROER, PETER, US
[71] LUMITEX INC., US
[85] 2018-03-09
[86] 2016-09-12 (PCT/US2016/051259)
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[51] **Int.Cl. A01K 13/00 (2006.01)**
[25] EN
[54] **UNIVERSAL HANDLE, GROOMING OR HAIR COLLECTION TOOLS, AND METHODS OF USE**
[54] **MANCHE UNIVERSEL, OUTILS DE TOILETTAGE OU DE RAMASSAGE DE POILS, ET PROCEDES D'UTILISATION**
[72] CAFASSO, DANIEL, US
[71] SPECTRUM BRANDS, INC., US
[85] 2018-03-09
[86] 2016-09-07 (PCT/US2016/050487)
[87] (WO2017/044448)
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[51] **Int.Cl. A61N 1/362 (2006.01)**
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[54] **DEPLOYMENT DEVICES AND RELATED ASSEMBLIES AND METHODS**
[54] **DISPOSITIFS DE DEPLOIEMENT ET ENSEMBLES ET PROCEDES ASSOCIES**
[72] RACZ, N. SANDOR, US
[72] SHOEMAKE, JAMES, US
[72] JOINER, KEVIN DEAN, US
[71] CUSTOM MEDICAL APPLICATIONS INC., US
[85] 2018-03-09
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[25] EN
[54] **POLYNUCLEOTIDES CONTAINING A STABILIZING TAIL REGION**
[54] **POLYNUCLEOTIDES CONTENANT UNE REGION DE QUEUE DE STABILISATION**
[72] BUTORA, GABOR, US
[72] FRALEY, ANDREW W., US
[72] MIRACCO, EDWARD JOHN, US
[72] NELSON, JENNIFER, US
[72] RHODEN-SMITH, AMY, US
[72] STANTON, MATTHEW, US
[71] MODERNA THERAPEUTICS, INC., US
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[54] **WIRELESS VALVE ACTUATOR SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ACTIONNEUR DE SOUPAPE SANS FIL**
[72] TARANTINO, ANDREA, IT
[72] MASTROPIETRO, FEDERICO LUIGI, IT
[72] DORDONI, FILIPPO, IT
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2018-03-09
[86] 2016-09-16 (PCT/US2016/052056)
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[30] US (62/219,251) 2015-09-16
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[54] **EX VIVO PROLIFERATION OF EPITHELIAL CELLS**
[54] **PROLIFERATION EX VIVO DE CELLULES EPITHELIALES**
[72] ZHANG, CHENGKANG, US
[71] PROPAGENIX INC., US
[85] 2018-03-09
[86] 2016-09-07 (PCT/US2016/050496)
[87] (WO2017/044454)
[30] US (62/217,406) 2015-09-11
[30] US (62/294,896) 2016-02-12
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[25] EN
[54] **COMBINED HEAT AND POWER SYSTEM WITH ELECTRICAL AND THERMAL ENERGY STORAGE**
[54] **SYSTEME COMBINE D'ENERGIE ET DE CHALEUR AVEC ACCUMULATION D'ENERGIE THERMIQUE ET ELECTRIQUE**
[72] KALIKA, VLAD, US
[71] PASTEURIZATION TECHNOLOGY GROUP, INC., US
[85] 2018-03-09
[86] 2016-09-19 (PCT/US2016/052535)
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[25] EN
[54] **BENZYL AMINE-CONTAINING HETEROCYCLIC COMPOUNDS AND COMPOSITIONS USEFUL AGAINST MYCOBACTERIAL INFECTION**
[54] **COMPOSES HETEROCYCLIQUES CONTENANT DE LA BENZYLAMINE ET COMPOSITIONS UTILES CONTRE UNE INFECTION MYCOBACTERIENNE**
[72] MILLER, MARVIN J., US
[72] MORASKI, GARRETT, US
[71] MILLER, MARVIN J., US
[71] MORASKI, GARRETT, US
[85] 2018-03-09
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[25] EN
[54] **DEVICES AND METHODS FOR ENHANCING THE TOPICAL APPLICATION OF A BENEFIT AGENT**
[54] **DISPOSITIFS ET PROCEDES POUR AMELIORER L'APPLICATION TOPIQUE D'UN AGENT BENEFIQUE**
[72] PATURI, JYOTSNA, US
[72] PAUNESCU, ALEXANDRU, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2018-03-09
[86] 2016-09-21 (PCT/US2016/052914)
[87] (WO2017/053448)
[30] US (62/221,889) 2015-09-22
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[54] **INTERFACE UTILISATEUR DE VISUALISATION DE DONNEES INTERACTIVE A SELECTION DE CHAMP DE DONNEES REPOSANT SUR UN GESTE**
[72] STEWART, ROBIN, US
[71] TABLEAU SOFTWARE, INC., US
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[54] **JOINT D'ETANCHEITE DE FOND DE TROU**
[72] TURLEY, ROCKY A., US
[71] WEATHERFORD TEHCNOLOGY HOLDINGS, LLC, US
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[54] **PRE-HEATING AND THERMAL CONTROL OF WORK ROLLS IN METAL ROLLING PROCESSES AND CONTROL SYSTEMS THEREOF**
[54] **PRECHAUFFAGE ET REGULATION THERMIQUE DE CYLINDRES DE TRAVAIL DANS DES PROCEDES DE LAMINAGE DE METAL ET SYSTEMES DE REGULATION CORRESPONDANTS**
[72] GAENSBAUER, DAVID ANTHONY, US
[72] CARVALHO, FRANCISCO, BR
[72] MINNITI, EDUARDO, BR
[72] MORAES, TIAGO, BR
[72] EBOLI, CARLOS, US
[71] NOVELIS INC., US
[85] 2018-03-09
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[54] **ILLUMINATION DEVICE FOR SPECTRAL IMAGING**
[54] **DISPOSITIF D'ECLAIRAGE POUR IMAGERIE SPECTRALE**
[72] LEAVESLEY, SILAS, US
[72] RICH, THOMAS, US
[71] THE UNIVERSITY OF SOUTH ALABAMA, US
[85] 2018-03-09
[86] 2016-09-23 (PCT/US2016/053267)
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[54] **PATHOGEN DETECTION USING NEXT GENERATION SEQUENCING**
[54] **DETECTION D'AGENTS PATHOGENES UTILISANT UN SEQUENCAGE DE NOUVELLE GENERATION**
[72] CHIU, CHARLES, US
[72] NACCACHE, SAMIA, US
[72] FEDERMAN, SCOT, US
[72] STRYKE, DOUG, US
[72] MILLER, STEVE, US
[72] SAMAYOA, ERIK, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **MODULATORS OF KRAS EXPRESSION**
[54] **MODULATEURS DE L'EXPRESSION DE KRAS**
[72] REVENKO, ALEXEY, US
[72] FREIER, SUSAN M., US
[72] MACLEOD, ROBERT A., US
[71] IONIS PHARMACEUTICALS, INC., US
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[54] **INFLOW CONTROL DEVICE HAVING EXTERNALLY CONFIGURABLE FLOW PORTS AND EROSION RESISTANT BAFFLES**
[54] **DISPOSITIF DE REGULATION D'AMENEE AYANT DES ORIFICES D'ECOULEMENT CONFIGURABLES DEPUIS L'EXTERIEUR ET DES SURFACES DEFLECTRICES RESISTANT A L'EROSION**
[72] MCNAMEE, STEPHEN, US
[71] WEATHERFORD TEHCNOLOGY HOLDINGS, LLC, US
[85] 2018-03-09
[86] 2016-11-08 (PCT/US2016/060973)
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[54] **SLICING MACHINES, KNIFE ASSEMBLIES, AND METHODS FOR SLICING PRODUCTS**
[54] **TRANCHEUSES, ENSEMBLES A LAME, ET PROCEDES DE DECOUPAGE EN TRANCHES DE PRODUITS**
[72] KING, DANIEL WADE, US
[71] URSCHEL LABORATORIES, INC., US
[85] 2018-03-09
[86] 2016-09-26 (PCT/US2016/053677)
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[54] **INTERNAL BREAKER COMPOSITIONS FOR WELLBORE APPLICATIONS**
[54] **COMPOSITIONS DE RUPTURE INTERNE POUR DES APPLICATIONS DE PUITS DE FORAGE**
[72] SUI, CHANGPING, US
[72] CHINWANGSO, PAWILAI, US
[72] ZHANG, HUI, US
[71] M-I L.L.C., US
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[54] **MAINTENANCE OF DISTRIBUTED COMPUTING SYSTEMS**
[54] **MAINTENANCE DE SYSTEMES INFORMATIQUES DISTRIBUES**
[72] CLARK, JIMMIE RUSSELL, US
[72] JOHNSON, CHRISTOPHER SOAMES, US
[72] STONE, JEFF, US
[71] WALMART APOLLO, LLC, US
[85] 2018-03-09
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[54] **SHAKER DOORS WITH SOLID CORE AND METHODS FOR MAKING THEREOF**
[54] **PORTES A PANNEAU A AMES PLEINES ET PROCEDES DE FABRICATION DE CELLES-CI**
[72] ROBINSON, JOHN, US
[72] SWARTZMILLER, STEVEN, US
[72] GUTKOWSKI, STEVEN, US
[72] ALLEN, ROBERT, US
[72] KARSCH, ROLAND, US
[72] MACDONALD, MICHAEL, US
[71] MASONITE CORPORATION, US
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[54] **ALUMINUM BASED ADJUVANTS FOR TOLEROGENIC VACCINATION**
[54] **ADJUVANTS A BASE D'ALUMINIUM POUR UNE VACCINATION TOLEROGENE**
[72] MANNIE, MARK D., US
[71] EAST CAROLINA UNIVERSITY, US
[85] 2018-03-09
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[54] **BIOLOGICALS AND THEIR USE IN PLANTS**
[54] **PRODUITS BIOLOGIQUES ET LEUR UTILISATION DANS DES PLANTES**
[72] BRUCK, DENNY JOSEPH, US
[72] BURNS, FREDRICK C., II, US
[72] PRESNAIL, JAMES KEVIN, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2018-03-09
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[54] **BIOLOGICALLY RELEVANT ORTHOGONAL CYTOKINE/RECEPTOR PAIRS**
[54] **PAIRES RECEPTEUR/CYTOKINE ORTHOGONALE BIOLOGIQUEMENT PERTINENTES**
[72] GARCIA, KENAN CHRISTOPHER, US
[72] SOCKOLOSKY, JONATHAN, US
[72] BAKER, DAVID, US
[72] KING, CHRIS, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[71] UNIVERSITY OF WASHINGTON, US
[85] 2018-03-09
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[54] **PLATFORM FOR PROVIDING CUSTOMIZABLE USER ACTIVITY EXPERIENCES, SPONSORSHIP JUNCTIONS, AND CONVERSION ATTRIBUTION**
[54] **PLATEFORME POUR FOURNIR DES EXPERIENCES D'ACTIVITE D'UTILISATEUR PERSONNALISABLES, DES JONCTIONS DE PARRAINAGE ET UNE ATTRIBUTION DE CONVERSION**
[72] HERTEL, ALEXANDER, US
[72] HERTEL, PHILIPP, US
[72] TEDDER, MARC, US
[71] XPERIEL, INC., US
[85] 2018-03-09
[86] 2016-10-12 (PCT/US2016/056577)
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[25] EN
[54] **CHECK GRADER-ACTUATABLE INTERFACE FOR BOARD LUMBER SCANNING**
[54] **INTERFACE DE CONTROLE ACTIONNABLE PAR UN CONTROLEUR QUALITE POUR BALAYAGE DE BOIS DE PLANCHE**
[72] PAUL, AARON R., US
[72] MILLER, JOSH, US
[72] MILLER, MARK, US
[72] ROBERTS, WENDY, US
[72] HIATT, MARK, US
[72] ARONSON, HAYDEN MICHAEL, US
[71] LUCIDYNE TECHNOLOGIES, INC., US
[85] 2018-03-09
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[51] **Int.Cl. G06F 1/32 (2006.01)**
[25] EN
[54] **CONTINUOUS ANALYTE MONITORING SYSTEM POWER CONSERVATION**
[54] **CONSERVATION DE L'ENERGIE D'UN SYSTEME DE SURVEILLANCE CONTINUE DE SUBSTANCE A ANALYSER**
[72] LIEU, PAULINE T., US
[72] HERNANDEZ-ROSAS, JOSE HECTOR, US
[72] BURNETTE, DOUGLAS WILLIAM, US
[72] WEDEKIND, JEFFREY R., US
[72] DERVAES, MARK, US
[72] GRUCELA, MINDA MCDORMAN, US
[72] MCDANIEL, ZEBEDIAH L., US
[71] DEXCOM, INC., US
[85] 2018-03-09
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[51] **Int.Cl. C12N 9/12 (2006.01) A61K 38/45 (2006.01)**
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[54] **METHODS, COMPOSITIONS, AND USES OF NOVEL FYN KINASE INHIBITORS**
[54] **METHODES, COMPOSITIONS ET UTILISATIONS DE NOUVEAUX INHIBITEURS DE LA KINASE FYN**
[72] LAU, WARREN C., US
[71] LAU, WARREN C., US
[85] 2018-03-09
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[54] **BIOINTERFACE LAYER FOR ANALYTE SENSORS**
[54] **COUCHE DE BIOINTERFACE POUR DETECTEURS D'ANALYTE**
[72] LEE, TED TANG, US
[72] DENNIS, ANDREW TRININ, US
[72] WANG, SHANGER, US
[72] ZOU, JIONG, US
[71] DEXCOM, INC., US
[85] 2018-03-09
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[54] **SYSTEMS, METHODS AND DEVICES FOR HIGHLY-PARALLELIZED QUSVALUE DETERMINATION FOR CHARACTERIZING A SPECIMEN**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS POUR DETERMINATION DE VALEURS D'ULTRASONS QUANTITATIFS HAUTEMENT PARALLELISES POUR CARACTERISER UN SPECIMEN**
[72] PAPANICOLAU, NAUM, CA
[72] SADEGHIAN, ALIREZA, CA
[72] SOFRONI, ERVIS, CA
[71] EVRIKA RESEARCH TECHNOLOGIES INC., CA
[85] 2018-03-12
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[54] **HIGH PERFORMANCE ANTI-DRIPPING AGENT USED IN GREENHOUSE FILM**
[54] **AGENT ANTI-EGOUTTEMENT HAUTE PERFORMANCE UTILISE DANS UN FILM DE SERRE**
[72] SHI, QING, CN
[72] ZHANG, HONGLIANG, CN
[72] CHEN, HONGYU, CN
[72] ZHENG, HONG, CN
[72] CHEN, YONG, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] EN
[54] **MULTI-LAYER GREENHOUSE FILM WITH SUPERIOR ANTI-DRIPPING PERFORMANCE**
[54] **FILM A EFFET DE SERRE MULTICOUCHE DOTE D'EXCELLENTES PERFORMANCES ANTIGOUTTE**
[72] SHI, QING, CN
[72] CHEN, HONGYU, CN
[72] HANG, DAOJIN, CN
[72] DU, LIBO, CN
[72] LIU, ANDONG, CN
[72] CHEN, YONG, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] EN
[54] **POLYMER EMULSION AND ANTIMICROBIAL COATING COMPOSITION COMPRISING THE SAME**
[54] **EMULSION POLYMERE ET COMPOSITION DE REVETEMENT ANTIMICROBIENNE LA COMPRENANT**
[72] LIU, HAN, CN
[72] DONG, XIANGTING, CN
[72] ZHANG, QINGWEI, CN
[72] LI, LING, CN
[71] ROHM AND HAAS COMPANY, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING DYNAMIC COMMUNICATIVE LIGHTING IN A ROBOTIC ENVIRONMENT**
[54] **SYSTEMES ET PROCEDES DE FOURNITURE D'ECLAIRAGE DE COMMUNICATION DYNAMIQUE DANS UN ENVIRONNEMENT ROBOTIQUE**
[72] WAGNER, THOMAS, US
[72] AHEARN, KEVIN, US
[72] DAWSON-HAGGERTY, MICHAEL, US
[72] GEYER, CHRISTOPHER, US
[72] KOLETSCHKA, THOMAS, US
[72] MARONEY, KYLE, US
[72] MASON, MATTHEW T., US
[72] PRICE, GENE TEMPLE, US
[72] ROMANO, JOSEPH, US
[72] SMITH, DANIEL, US
[72] SRINIVASA, SIDDHARTHA, US
[72] VELAGAPUDI, PRASANNA, US
[72] ALLEN, THOMAS, US
[71] BERKSHIRE GREY INC., US
[85] 2018-03-09
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[25] EN
[54] **PRINTED CIRCUIT BOARD POWER CELL WITH ISOLATION AND MEDIUM VOLTAGE MULTI-CELL POWER SUPPLY**
[54] **CELLULE ELECTRIQUE DE CARTE DE CIRCUIT IMPRIME AVEC ISOLATION ET ALIMENTATION ELECTRIQUE MOYENNE TENSION A CELLULES MULTIPLES**
[72] ABDALLA, ABDELNASSIR, US
[72] BALICKI, JOHN B., JR., US
[72] CHEESMAN, EDWARD ALAN, US
[72] MIHALACHE, LIVIU, US
[72] NOVACK, EDWARD A., US
[72] RASTOGI, MUKUL, US
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **MACROPHAGE CAR (MOTO-CAR) IN IMMUNOTHERAPY**
[54] **CAR MACROPHAGE (MOTO-CAR) EN IMMUNOTHERAPIE**
[72] O'NEILL, KIM, US
[72] WEBER, SCOTT, US
[71] BRIGHAM YOUNG UNIVERSITY, US
[85] 2018-03-09
[86] 2016-10-13 (PCT/IB2016/056140)
[87] (WO2017/025944)
[30] US (62/204,935) 2015-08-13
[30] US (62/240,528) 2015-10-13
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[25] EN
[54] **CO2-LADEN CONCRETE PRECAST PRODUCTS AND THE METHOD OF MAKING THE SAME**
[54] **PRODUITS PREFABRIQUES EN BETON CHARGE EN CO2 ET SON PROCEDE DE FABRICATION**
[72] AL-GHOULEH, ZAID, CA
[72] HARGEST, PAUL WAYNE, CA
[71] CARBOCLAVE CORP., CA
[85] 2018-03-09
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[54] **ANTI-S100A8 FOR TREATING LEUKEMIA**
[54] **ANTI-S100A8 POUR LE TRAITEMENT DE LA LEUCEMIE**
[72] TESSIER, PHILIPPE, CA
[72] LAOUEDJ, MALIKA, CA
[72] BARABE, FREDERIC, CA
[72] PAGE, NATALIE, CA
[71] UNIVERSITE LAVAL, CA
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[30] US (62/218,000) 2015-09-14
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[25] EN
[54] **TECHNIQUES AND APPARATUS FOR CONTROLLING ACCESS TO COMPONENTS OF A PERSONAL COMMUNICATION STRUCTURE (PCS)**
[54] **TECHNIQUES ET APPAREIL POUR COMMANDER UN ACCES A DES COMPOSANTS D'UNE STRUCTURE DE COMMUNICATION PERSONNELLE (PCS)**
[72] BOWERS, KYLE ROBERT, US
[72] LEE, BENJAMIN PAUL, US
[72] SHAH, PARAG NAGINLAL, US
[72] GRAY, KENNETH J., US
[72] LAWLER, BENJAMIN MARTIN, US
[71] CIVIQ SMARTSCAPES, LLC, US
[85] 2018-03-09
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[30] US (14/852,131) 2015-09-11
[30] US (14/857,437) 2015-09-17
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[30] US (14/884,044) 2015-10-15
[30] US (14/884,052) 2015-10-15
[30] US (15/240,493) 2016-08-18

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[54] **PROCEDURES ET SYSTEMES DE DEGAZAGE ET D'AFFINAGE DE GRAIN PAR ULTRASONS POUR COULEE DE METAUX**
[72] GILL, KEVIN SCOTT, US
[72] POWELL, MICHAEL CALEB, US
[72] RUNDQUIST, VICTOR FREDERIC, US
[72] MANCHIRAJU, VENKATA KIRAN, US
[72] GUFFEY, ROLAND EARL, US
[71] SOUTHWIRE COMPANY, LLC, US
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[54] **OXYDATION PAR VOIE HUMIDE DE BIOMASSE**
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[72] FOODY, BRIAN, CA
[71] IOGEN CORPORATION, CA
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[54] **DRONE AIRCRAFT LANDING AND DOCKING SYSTEMS**
[54] **SYSTEMES D'ATTERRISSAGE ET D'ACCUEIL D'AERONEF DE TYPE DRONE**
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[71] MOZER, REESE ALEXANDER, US
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[54] **ANTI-SPIN APPARATUS AND METHOD FOR CONE CRUSHER HEAD**
[54] **APPAREIL ANTIPATINAGE ET PROCEDE DESTINE A UNE TETE DE CONCASSEUR CONIQUE**
[72] VINCHOFF, MARK HENRY, CA
[72] HORNICK, DAVID, CA
[71] SEPRO MINERAL SYSTEMS CORP., CA
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[54] **SYSTEME DE SUTURE LAPAROSCOPIQUE**
[72] GORSKI, STEVEN, US
[72] TAYLOR, SCOTT V., US
[72] MCGINLEY, KIMBALL B., US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
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[54] **DISPOSITIF UTILISE DU COTE D'UNE STATION DE BASE DE COMMUNICATION SANS FIL ET DU COTE D'UN EQUIPEMENT UTILISATEUR, ET PROCEDE ASSOCIE**
[72] XU, JIN, CN
[72] JIN, BINGCHENG, CN
[72] GAO, CHENG, CN
[72] LIU, SIQI, CN
[72] CHEN, JINHUI, CN
[71] SONY CORPORATION, JP
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[54] **COMPOSITIONS FOR THERAPEUTICS, TARGETED PET IMAGING AND METHODS OF THEIR USE**
[54] **COMPOSITIONS POUR AGENTS THERAPEUTIQUES, IMAGERIE TEP CIBLEE ET LEURS PROCEDES D'UTILISATION**
[72] LEWIS, JASON S., US
[72] DERI, MELISSA, US
[72] FRANCESCONI, LYNN, US
[72] PONNALA, SHASHIKANTH, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
[71] RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK, US
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[54] **COMPOSITIONS, DEVICES, AND METHODS OF OSTEOARTHRITIS SENSITIVITY TESTING**
[54] **COMPOSITIONS, DISPOSITIFS, ET PROCEDES DE TEST DE SENSIBILITE A L'ARTHROSE**
[72] IRANI-COHEN, ZACKARY, US
[72] LADERMAN, ELISABETH, US
[71] BIOMERICA, INC., US
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[54] **FORMULATION HAVING CONTROLLED, DELAYED RELEASE OF ACTIVE INGREDIENT**
[54] **FORMULATION A LIBERATION RETARDEE CONTROLEE DU PRINCIPE ACTIF**
[72] BAUER, FINN, DE
[72] WEDEL, THORSTEN, DE
[72] MODDELMOG, GUENTER, DE
[72] BIRK, GUDRUN, DE
[72] OGNIBENE, ROBERTO, DE
[72] LUBDA, DIETER, DE
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[54] **TABLETS HAVING MEDIA-INDEPENDENT RELEASE OF ACTIVE INGREDIENT**
[54] **COMPRIMES A LIBERATION DE L'INGREDIENT ACTIF INDEPENDANTE DU SUPPORT**
[72] BAUER, FINN, DE
[72] WEDEL, THORSTEN, DE
[72] MODDELMOG, GUENTER, DE
[72] BIRK, GUDRUN, DE
[72] OGNIBENE, ROBERTO, DE
[72] LUBDA, DIETER, DE
[71] MERCK PATENT GMBH, DE
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[54] **TRAITEMENT D'APPOINT AVEC LA 25-HYDROXYVITAMINE D ET ARTICLES ASSOCIES**
[72] MELNICK, JOEL Z., US
[72] WHITE, JAY A., CA
[72] PETKOVICH, P. MARTIN, CA
[72] TABASH, SAMIR P., CA
[72] BISHOP, CHARLES W., US
[72] PEERS, SUSAN H., CA
[72] STRUGNELL, STEPHEN A., US
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[25] EN
[54] **METHOD FOR CONFIGURING A MODULAR CONTROL DEVICE OF AN INDUSTRIAL AUTOMATION SYSTEM, AND MODULAR CONTROL DEVICE**
[54] **PROCEDE DE CONFIGURATION D'UN DISPOSITIF DE COMMANDE MODULAIRE D'UN SYSTEME D'AUTOMATISATION INDUSTRIEL ET DISPOSITIF DE COMMANDE MODULAIRE**
[72] ALBRECHT, HARALD, DE
[72] PLONKA, REINER, DE
[72] STUTZ, HARTMUT, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **METHOD FOR DETERMINING THE SPEED OF A RAIL-BOUND VEHICLE**
[54] **PROCEDE DE DETERMINATION DE LA VITESSE D'UN VEHICULE ROULANT SUR RAILS**
[72] OLDEWURTEL, KASSEN, DE
[71] THALES MANAGEMENT & SERVICES DEUTSCHLAND GMBH, DE
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[54] **SYSTEMS AND METHODS FOR DETERMINING STATISTICS OF PLANT POPULATIONS BASED ON OVERHEAD OPTICAL MEASUREMENTS**
[54] **SYSTEMES ET PROCEDES POUR DETERMINER DES STATISTIQUES RELATIVES A DES POPULATIONS VEGETALES SUR LA BASE DE MESURES OPTIQUES AERIENNES**
[72] RITTER, MICHAEL, US
[72] MILTON, MICHAEL, US
[72] MATUSOV, PETER, US
[71] SLANTRANGE, INC., US
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[54] **HYDRAULIC INSTALLATION AND METHOD FOR OPERATING THE SAME**
[54] **INSTALLATION HYDRAULIQUE ET SON PROCEDE D'UTILISATION**
[72] GUILLAUME, RENAUD, FR
[72] LOWYS, PIERRE YVES, FR
[72] LEGRAND, ARNAUD, FR
[72] GIRIN, PHILIPPE, FR
[71] GE RENEWABLE TECHNOLOGIES, FR
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[54] **POLYPEPTIDE CYCLIQUE POUR LE TRAITEMENT DE PHA DE TYPE 1B**
[72] WILLAM, ANITA, AT
[72] LEMMENS-GRUBER, ROSA, AT
[72] TZOTZOS, SUSAN JANE, AT
[72] FISCHER, BERNHARD, AT
[72] SHABBIR, WAHEED, AT
[72] LUCAS, RUDOLF, US
[71] APEPTICO FORSCHUNG UND ENTWICKLUNG GMBH, AT
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[54] **PREFORMED SHEET AND BALLISTIC-RESISTANT ARTICLE**
[54] **FEUILLE PREFORMEE ET ARTICLE PARE-BALLES**
[72] CLERICI, CYRIL, NL
[71] DSM IP ASSETS B.V., NL
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[54] **COMPOSITION EMOLLIENTE BIOSOURCEE COMPRENANT DES ISOPARAFFINES**
[72] SWOBODA, BENJAMIN, FR
[71] TOTAL MARKETING SERVICES, FR
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[54] **PROCESS FOR PRODUCING POROUS MATERIALS**
[54] **PROCEDE DE PRODUCTION DE MATERIAUX POREUX**
[72] LOLSBERG, WIBKE, DE
[72] FRICKE, MARC, DE
[72] WEINRICH, DIRK, DE
[71] BASF SE, DE
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[86] 2016-09-19 (PCT/EP2016/072127)
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[54] **TOOL FOR ROUGHENING A BOREHOLE SURFACE**
[54] **OUTIL POUR RUGOSIFIER LA SURFACE D'UN TROU DE FORAGE**
[72] LEDERLE, HANS-PETER, DE
[72] RENNER, MARKUS, DE
[72] STROBEL-SCHMIDT, RAINER, DE
[72] POPP, FRANZ, DE
[72] OSTERMEIER, PETER, DE
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[54] **POMPE A PALETTES MULTICELLULAIRE**
[72] AUBERT, JEAN-FRANCOIS, FR
[72] DESPESSE, CHRISTOPHE, FR
[71] LEYBOLD GMBH, DE
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[72] LIDDY, NATHANIEL ROSS, GB
[72] MOLLOY, PETER EAMON, GB
[72] VUIDEPOT, ANNELISE BRIGITTE, GB
[71] ADAPTIMMUNE LIMITED, GB
[71] IMMUNOCORE LIMITED, GB
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[25] EN
[54] **ANTIGEN RECEPTORS AND USES THEREOF**
[54] **RECEPTEURS D'ANTIGENES ET LEURS UTILISATIONS**
[72] VOSS, RALF HOLGER, DE
[72] SAHIN, UGUR, DE
[72] THEOBALD, MATTHIAS, DE
[72] SIMON, PETRA, DE
[72] BIRTEL, MATTHIAS, DE
[71] BIONTECH CELL & GENE THERAPIES GMBH, DE
[71] TRON-TRANSLATIONALE ONKOLOGIE AN DER UNIVERSITATSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAT MAINZ GEMEINNUTZIGE GMBH, DE
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF A HYDROGENATION CATALYST AND ITS USE FOR THE PREPARATION OF GLYCOLS**
[54] **PROCEDE POUR LA PREPARATION D'UN CATALYSEUR D'HYDROGENATION ET SON UTILISATION POUR LA PREPARATION DE GLYCOLS**
[72] MUTHUSAMY, DURAISAMY, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-03-12
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[54] **BANQUES DE TCR**
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[72] VOLKOV, ARSEN VALERYEVICH, GB
[72] SANGANGI, DHAVAL JAYKANT, GB
[72] HOOD, GRAHAM ANTHONY, GB
[72] CHILLAKURI, CHANDRAMOULI REDDY, GB
[71] ADAPTIMMUNE LIMITED, GB
[71] IMMUNOCORE LIMITED, GB
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[54] **MACHINE DE PREPARATION DE BOISSON**
[72] KREWINKEL, THOMAS, DE
[71] QBO COFFEE GMBH, CH
[85] 2018-03-12
[86] 2016-10-05 (PCT/EP2016/073802)
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[54] **DISPOSITIF DE FORAGE**
[72] AHONEN, JUKKA, FI
[71] MINCON NORDIC OY, FI
[85] 2018-03-12
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[54] **PHARMACEUTICAL ASSOCIATION FOR CONVERTING A NEOPLASTIC CELL INTO A NON-NEOPLASTIC CELL AND USES THEREOF**
[54] **ASSOCIATION PHARMACEUTIQUE POUR CONVERTIR UNE CELLULE NEOPLASIQUE EN CELLULE NON-NEOPLASIQUE, ET SES UTILISATIONS**
[72] ZOUANI, OMAR F., CH
[72] GOCHEVA, VERONIKA, CH
[71] HISTIDE AG, CH
[85] 2018-03-12
[86] 2016-09-15 (PCT/EP2016/071795)
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[51] **Int.Cl. C25B 15/00 (2006.01) C25B 9/00 (2006.01)**
[25] EN
[54] **HYDROGEN PRODUCTION APPARATUS AND HYDROGEN PRODUCTION SYSTEM**
[54] **DISPOSITIF ET SYSTEME DE PRODUCTION D'HYDROGENE**
[72] HARANO, TOMOMI, JP
[72] HIGUCHI, MASATOSHI, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[85] 2018-03-12
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[25] EN
[54] **POLYMETHINE COMPOUNDS AND THEIR USE AS FLUORESCENT LABELS**
[54] **COMPOSES POLYMETHINES ET LEUR UTILISATION EN TANT QUE MARQUEURS FLUORESCENTS**
[72] FRANCAIS, ANTOINE, GB
[72] LIU, XIAOHAI, GB
[71] ILLUMINA CAMBRIDGE LIMITED, GB
[85] 2018-03-12
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[25] EN
[54] **GATEWAY DEVICE, RADIO COMMUNICATION DEVICE, CHARGING CONTROL METHOD, DATA TRANSMISSION METHOD, AND NON-TRANSITORY COMPUTER READABLE MEDIUM**
[54] **DISPOSITIF DE PASSERELLE, DISPOSITIF DE RADIOCOMMUNICATION, METHODE DE COMMANDE CHARGE, METHODE DE TRANSMISSION DE DONNEES ET SUPPORT NON TRANSITOIRE LISIBLE PAR ORDINATEUR**
[72] TAMURA, TOSHIYUKI, JP
[71] NEC CORPORATION, JP
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[54] **DISPOSITIF D'ALIMENTATION EN MATERIAU VISQUEUX ET PROCEDE D'ALIMENTATION EN MATERIAU VISQUEUX**
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[72] OHNO, SHIGEYUKI, JP
[72] KIBE, HAJIME, JP
[71] THREE BOND CO., LTD, JP
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[54] **METHOD FOR MANUFACTURING PLATELETS BY ROTARY STIRRING CULTURE METHOD**
[54] **PROCEDE DE FABRICATION DE PLAQUETTES A L'AIDE D'UN PROCEDE DE CULTURE SOUS AGITATION ROTATIVE**
[72] SHIGEMORI, TOMOHIRO, JP
[72] OKAMOTO, HARUKI, JP
[71] MEGAKARYON CORPORATION, JP
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[54] **STABILISANT DE DISPERSION POUR HUILE BRUTE**
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[72] KUMAKI, YOSUKE, JP
[71] KURARAY CO., LTD., JP
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[54] **TREATMENT PLANT FOR HYDROCARBON GAS HAVING VARIABLE CONTAMINANT LEVELS**
[54] **USINE DE TRAITEMENT POUR HYDROCARBURE GAZEUX PRESENTANT DES NIVEAUX DE CONTAMINANTS VARIABLES**
[72] VALENCIA, JAIME A., US
[72] DENTON, ROBERT D., US
[72] MAHER, DAVID W., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **MODIFIED WOOD PRODUCT AND A PROCESS FOR PRODUCING SAID PRODUCT**
[54] **PRODUIT EN BOIS COMPOSITE ET PROCEDE DE PRODUCTION DE CE PRODUIT**
[72] MAYES, DUNCAN, FI
[72] PYNNONEN, JANNE, FI
[72] STOD, REETA-MARIA, FI
[71] STORA ENSO OYJ, FI
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[54] **METHOD AND APPARATUS FOR TRANSFORM CODING WITH BLOCK-LEVEL TRANSFORM SELECTION AND IMPLICIT SIGNALING WITHIN HIERARCHICAL PARTITIONING**
[54] **PROCEDE ET APPAREIL DE CODAGE PAR TRANSFORMATION AVEC SELECTION DE TRANSFORMATION AU NIVEAU DU BLOC ET SIGNALISATION IMPLICITE AU SEIN DU PARTITIONNEMENT HIERARCHIQUE**
[72] FILIPPOV, ALEXEY KONSTANTINOVICH, CN
[72] RUFITSKIY, VASILY ALEXEEVICH, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **SOLID FORMS OF ISOQUINOLINONE DERIVATIVES, PROCESS OF MAKING, COMPOSITIONS COMPRISING, AND METHODS OF USING THE SAME**
[54] **FORMES SOLIDES DE DERIVES D'ISOQUINOLINONE, LEUR PROCEDE DE FABRICATION, COMPOSITIONS LES COMPRENANT ET METHODES D'UTILISATION DE CELLES-CI**
[72] GRENIER, LOUIS, US
[72] LESCARBEAU, ANDRE, US
[72] SHARMA, PRAVEEN, US
[72] GENOV, DANIEL G., US
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[54] **COMPOSITION POUR LE TRAITEMENT DE LA DOULEUR**
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[72] CHOI, KYOUNGBAEK, KR
[72] KIM, MINJUNG, KR
[72] LEE, HYEONYOUL, KR
[72] KIM, MINJU, KR
[72] KIM, DAEWOOK, KR
[72] KIM, MIN, KR
[72] PARK, JANGJOON, KR
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[72] BANG, VISHAL, US
[72] JOKANOLA, OLUFEMI A., US
[71] CONOCOPHILLIPS COMPANY, US
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[54] **METHODS AND PANELS OF COMPOUNDS FOR CHARACTERIZATION OF GLIOBLASTOMA MULTIFORME TUMORS AND CANCER STEM CELLS THEREOF**
[54] **PROCEDES ET ENSEMBLES DE COMPOSES POUR LA CARACTERISATION DE TUMEURS DE GLIOBLASTOME MULTIFORME ET DE CELLULES SOUCHES DE CANCER ASSOCIEES**
[72] HOTHI, PARVINDER, US
[72] COBBS, CHARLES, US
[71] SWEDISH HEALTH SERVICES, US
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[54] **DENDRIMERES LIPOCATIONIQUES ET LEURS UTILISATIONS**
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[72] ZHOU, KEJIN, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **BEER-TASTE BEVERAGE, METHOD FOR PRODUCING BEER-TASTE BEVERAGE, AND METHOD FOR IMPROVING AROMA OF BEER-TASTE BEVERAGE**
[54] **BOISSON AU GOUT DE BIERE, PROCEDE DE PRODUCTION D'UNE BOISSON AU GOUT DE BIERE, ET PROCEDE D'AMELIORATION DE L'AROME D'UNE BOISSON AU GOUT DE BIERE**
[72] ISHIHARA, TAKEO, JP
[72] HAMAGUCHI, TETSU, JP
[71] SAPPORO HOLDINGS LIMITED, JP
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[54] **OUTPUT ADJUSTMENT OF A LIGHT FIXTURE IN RESPONSE TO ENVIRONMENTAL CONDITIONS**
[54] **AJUSTEMENT DE SORTIE D'UN APPAREIL D'ECLAIRAGE EN REPONSE AUX CONDITIONS ENVIRONNEMENTALES**
[72] JAYAWARDENA, ADIKARAMGE ASIRI, US
[72] MANAHAN, JOSEPH MICHAEL, US
[72] ROTHENBERGER, RICHARD E., US
[72] BONACCIO, JOHN M., US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[54] **LUMINAIRE FAISANT OFFICE DE POINT D'ACCES DANS UN RESEAU DE COMMUNICATION**
[72] JAYAWARDENA, ADIKARAMGE ASIRI, US
[72] MANAHAN, JOSEPH MICHAEL, US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[54] **IDENTIFICATION ET MODIFICATION D'UNE PRESSION INTRACORPORELLE LIEE A L'OEIL**
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[72] TSAI, GEORGE, US
[72] THOMPSON, VANCE MICHAEL, US
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[54] **METHODES, INSTRUMENTS ET IMPLANTS POUR UNE RECONSTRUCTION SCAPHO-LUNAIRE**
[72] ROSENWASSER, MELVIN, US
[72] ROSENWASSER, EDWARD, US
[72] VON AMSBERG, MARC, US
[72] DONALDSON, CATE, US
[72] SCHULTZ, MATT, US
[71] RADICLE ORTHOPAEDICS, US
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[54] **MODULE DE CELLULE SOLAIRE HYBRIDE**
[72] NAKAHAMA, HIDENARI, JP
[71] NISSHINBO MECHATRONICS INC., JP
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[54] **ROUE LISSE ET APPAREIL DE GUIDAGE DE CABLE**
[72] FERGUSON, JAMIE ALLEN, US
[72] FERGUSON, CARL ALLEN, US
[71] FERGUSON, JAMIE ALLEN, US
[71] FERGUSON, CARL ALLEN, US
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[54] **SYSTEMES ET PROCEDES D'ESPACEMENT D'ARTICULATION**
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[72] DAYTON, PAUL, US
[72] FERGUSON, JOE WILLIAM, US
[72] GIL, CARLOS EDUARDO, US
[72] SANTROCK, ROBERT D., US
[72] SCANLAN, SEAN F., US
[72] SMITH, W. BRET, US
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[54] **PROCEDES ET APPAREIL D'INTERACTION DE CONTENU**
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[72] ZANE, FRANCIS X., US
[72] JANISZEWSKI, THOMAS J., US
[72] SWELDENS, WIM, US
[72] HO, YUNG-LUNG, US
[72] CUYPERS, TOM, BE
[71] KISWE MOBILE INC., US
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[54] **DELIVERY OF DRUG NANOPARTICLES AND METHODS OF USE THEREOF**
[54] **ADMINISTRATION DE NANOPARTICULES MEDICAMENTEUSES ET LEURS METHODES D'UTILISATION**
[72] JOHNSON, KEITH, US
[72] LATHROP, ROBERT, US
[72] YANG, MEI, US
[72] MAULHARDT, HOLLY, US
[72] FRANKE, ROLAND, CA
[71] DFB SORIA, LLC, US
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[54] **USE OF LYSIN TO RESTORE/AUGMENT ANTIBACTERIAL ACTIVITY IN THE PRESENCE OF PULMONARY SURFACTANT OF ANTIBIOTICS INHIBITED THEREBY**
[54] **UTILISATION DE LA LYSINE POUR RESTAURER/AUGMENTER L'ACTIVITE ANTIBACTERIENNE DES ANTIBIOTIQUES INHIBEE PAR LA PRESENCE D'UN TENSIOACTIF PULMONAIRE**
[72] WITTEKIND, MICHAEL, US
[72] SCHUCH, RAYMOND, US
[71] CONTRAFECT CORPORATION, US
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[54] **BUILDUP AND ENCAPSULATION OF ANTENNA SECTION OF DOWNHOLE TOOL**
[54] **MONTEE DE PRESSION ET ENCAPSULATION DE SECTION D'ANTENNE D'OUTIL DE FOND DE TROU**
[72] RASHID, KAZI M., US
[72] LEVCHAK, MICHAEL J., US
[72] KOROVIN, ALEXEI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **APPAREIL D'ECLAIRAGE HERMETIQUEMENT SCELLE POUR ENVIRONNEMENTS DANGEREUX**
[72] MANAHAN, JOSEPH MICHAEL, US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[54] **ENSEMBLE PEDALE A MECANISME DE FILTRATION DE DEBRIS**
[72] HENRIKSON, JESSE, US
[71] KONGSBERG POWER PRODUCTS SYSTEMS I, INC., US
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[54] **PROCEDE DE TRANSPORT D'UN ARTICLE A L'INTERIEUR D'UNE INSTALLATION DE VENTE AU DETAIL**
[72] HIGH, DONALD R., US
[72] NATARAJAN, CHANDRASHEKAR, US
[72] CHAKROBARTTY, SHUVRO, US
[72] WINKLE, DAVID C., US
[71] WALMART APOLLO, LLC, US
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[54] **UTILISATION DE COMPOSITES TENSIOACTIFS SOLIDES DANS LA CIMENTATION DE PUITS**
[72] LEOTAUD, LENNOX MARTIN, US
[72] CHATTERJI, JITEN, US
[72] BRENNEIS, DARRELL CHAD, US
[72] BENKLEY, JAMES ROBERT, US
[72] BROTHERS, LANCE EVERETT, US
[72] HARGROVE, BRANDI R., US
[72] DEAN, WILLIAM J., US
[72] ROBERTSON, LOGAN TODD, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **TREATMENT AND PREVENTION OF NEURONAL CELL LOSS USING L-ORNITHINE IN COMBINATION WITH AT LEAST ONE OF PHENYLACETATE AND PHENYLBUTYRATE**
[54] **TRAITEMENT ET PREVENTION DE LA PERTE DE CELLULES NEURONALES AU MOYEN DE LA L-ORNITHINE EN COMBINAISON AVEC AU MOINS L'UN PARMI LE PHENYLACETATE ET LE PHENYLBUTYRATE**
[72] ROSE, CHRISTOPHER F., CA
[72] CLEMENT, MARC-ANDRE, CA
[72] BOSOI, CRISTINA R., CA
[72] OLIVEIRA, MARIANA MACEDO, CA
[72] TREMBLAY, MELANIE, CA
[72] BEMEUR, CHANTAL, CA
[71] OCERA THERAPEUTICS, INC., US
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[54] **COMPOSITIONS AND METHODS FOR TREATING NEUROLOGICAL DISORDERS**
[54] **COMPOSITIONS ET METHODES DESTINEES A TRAITER LES TROUBLES NEUROLOGIQUES**
[72] GREENBERG, KENNETH P., US
[72] DAVID, NATHANIEL, US
[72] FINER, MITCHELL H., US
[71] CODA BIOTHERAPEUTICS, INC., US
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[71] UNIVERSITY OF ROCHESTER, US
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[54] **AGONISTES DU RECEPTEUR X FARNESOIDE ET LEURS UTILISATIONS**
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[72] GOVEK, STEVEN P., US
[72] NAGASAWA, JOHNNY Y., US
[71] METACRINE, INC., US
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[54] **BEVERAGE PREPARATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE PREPARATION DE BOISSONS**
[72] APONE, DAN, US
[72] KOLLER, IZAAK, US
[72] CUMMER, MICHAEL, US
[72] CROSSLAND, WILLIAM GEORGE, US
[71] STARBUCKS CORPORATION, US
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[72] CARSWELL, DAVID EDWARD, CA
[72] GRUBER, RUDOLF, CA
[71] MULTIMATIC INC., CA
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[54] **SIGNALISATION D'UN CONTENU A GRANDE GAMME DYNAMIQUE ET A GAMME DE COULEURS ETENDUE DANS DES FLUX DE TRANSPORT**
[72] NARASIMHAN, MANDAYAM, US
[72] LUTHRA, AJAY, US
[71] ARRIS ENTERPRISES LLC, US
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[54] **SYSTEMES ET PROCEDES DE DISTRIBUTION DE BOISSON**
[72] APONE, DAN, US
[72] KOLLER, IZAAK, US
[72] CUMMER, MICHAEL, US
[72] RIDAY, RICHARD B., US
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[54] **APPAREIL D'ENTRAINEMENT DE LANCE FLEXIBLE A FONCTION DE COURSE AUTOMATIQUE**
[72] WATKINS, TRAVIS, US
[71] STONEAGE, INC., US
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[54] **REPRESSEURS HTT ET LEURS UTILISATIONS**
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[72] MILLER, JEFFREY C., US
[72] PASCHON, DAVID, US
[72] REBAR, EDWARD J., US
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[71] BOULOS & COOPER PHARMACEUTICALS PTY LTD, AU
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[54] **SYSTEMES INFORMATIQUES ET PROCEDES POUR LE PARTAGE D'INFORMATIONS CONCERNANT DES RESSOURCES ENTRE DES PLATEFORMES DE DONNEES SUR UN RESEAU**
[72] KOLB, JASON, US
[72] HANSMANN, WILL, US
[72] RAVENSBERG, TOM, US
[72] GOLDSTEIN, MICHAEL, US
[71] UPTAKE TECHNOLOGIES, INC., US
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[54] **STRUCTURES ET PROCEDES POUR LE BETAIL**
[72] MASON, DEAN, US
[71] BIG BOX DAIRY, LLC, US
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[54] **FORMULATIONS D'OLANZAPINE A LIBERATION PROLONGEE**
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[72] CLAASSEN-PUNT, CARINE, NL
[71] TEVA PHARMACEUTICALS INTERNATIONAL GMBH, CH
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[54] **METHOD AND SYSTEM FOR PROCESSING DENTAL PROSTHESES**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT DE PROTHESES DENTAIRES**
[72] RYNERSON, MICHAEL LANDRY, CA
[72] ROY, PIERRE-OLIVIER, CA
[72] PEROT, JEAN-MARC, CA
[72] PROVOST, ROBIN, CA
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[54] **LAISSE A POCHES REPLIABLES**
[72] SULLIVAN, DONIELLE GERARD, US
[71] DOSKOCIL MANUFACTURING COMPANY, INC., US
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[54] **POLYPEPTIDES DE LYSINE ACTIFS CONTRE LES BACTERIES GRAM-NEGATIVES**
[72] SCHUCH, RAYMOND, US
[72] HOFFENBERG, SIMON, US
[72] WITTEKIND, MICHAEL, US
[71] CONTRAFECT CORPORATION, US
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[54] **SYSTEME DE PROPULSION A ARC CATHODIQUE PULSE A DECLENCHEMENT PAR FIL INTERNE**
[72] NEUMANN, PATRICK, AU
[72] BILEK, MARCELA, AU
[72] MCKENZIE, DAVID, AU
[71] NEUMANN SPACE PTY LTD, AU
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[54] **CENICRIVIROC COMBINATION THERAPY FOR THE TREATMENT OF FIBROSIS**
[54] **POLYTHERAPIE FAISANT APPEL AU CENICRIVIROC POUR LE TRAITEMENT DE LA FIBROSE**
[72] LEFEBVRE, ERIC, US
[71] TOBIRA THERAPEUTICS, INC., US
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[25] EN
[54] **METHODS AND SYSTEMS FOR PROCESSING A HIGH-CONCENTRATION PROTEIN PRODUCT FROM A MICROCROP AND COMPOSITIONS THEREOF**
[54] **PROCEDES ET SYSTEMES DE TRAITEMENT D'UN PRODUIT PROTEIQUE A HAUTE CONCENTRATION PROVENANT D'UNE MICROPLANTE ET COMPOSITIONS ASSOCIEES**
[72] KASAT, GIRISH, US
[72] IFEDUBA, EBENEZER, US
[72] CARPIO, VALENTINA, US
[72] FICHTALI, JAOUAD, US
[71] PARABEL LTD., KY
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[72] MAHDI, KEN, US
[71] AMERICAN PANEL CORPORATION, US
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[54] **PROCEDE ET SYSTEME DE PASSAGE ET DE TRAITEMENT D'UNE COMMANDE DANS UN RESTAURANT OU DANS UN BAR**
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[71] SMALE, ROBERT R., CA
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[54] **METHOD AND DEVICE FOR DISMANTLING MULTILAYER SYSTEMS INCLUDING AT LEAST ONE ORGANIC COMPONENT**
[54] **PROCEDE ET DISPOSITIF DE DEMONTAGE DE SYSTEMES MULTICOUCHES COMPRENANT AU MOINS UN COMPOSANT ORGANIQUE**
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[72] SLOSTOWSKI, CEDRIC, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **CAPSULE, PROCEDE DE FABRICATION D'UNE CAPSULE, SYSTEME ET PROCEDE POUR PREPARER UNE BOISSON**
[72] KRUGER, MARC, DE
[72] EMPL, GUNTER, DE
[72] HANISCH, MARCO, DE
[71] K-FEE SYSTEM GMBH, DE
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[54] **MODE MIXING OPTICAL FIBERS AND METHODS AND SYSTEMS USING THE SAME**
[54] **FIBRES OPTIQUES A MODE DE MELANGE ET PROCEDES ET SYSTEMES LES UTILISANT**
[72] JOLLIVET, CLEMENCE, US
[72] FARLEY, KEVIN, US
[72] ABRAMCZYK, JAROSLAW, US
[72] CONROY, MICHAEL, US
[72] TANKALA, KANISHKA, US
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[72] VAN DER HEIDE, EVERT, NL
[72] HUIZENGA, PIETER, NL
[72] MACKAY, MUNRO, NL
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[54] **PROCEDE DE TRAITEMENT POUR ACQUERIR DES DONNEES CIBLES, SERVEUR, ET PROCEDE DE FINANCEMENT EN LIGNE**
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[71] 10353744 CANADA LTD., CA
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[54] **EMPILEMENTS D'ANGLES DE DOMAINE DE MODELE D'INVERSION DES FORMES D'ONDE COMPLETE (FWI) A PRESERVATION D'AMPLITUDE**
[72] YANG, DI, US
[72] BANSAL, REESHIDEV, US
[72] LAZARATOS, SPYRIDON K., US
[72] YAN, JIA, US
[72] BAUMSTEIN, ANATOLY I., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **IMPROVED PROCESS AND PRODUCTS USING A ROTARY COMPRESSION UNIT**
[54] **PROCEDE ET PRODUITS AMELIORES AU MOYEN D'UNE UNITE DE COMPRESSION ROTATIVE**
[72] HEIMANN, ROBERT L., US
[72] TALLEY, ALLISON, US
[71] ENGINUITY WORLDWIDE, LLC, US
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[72] DIERCKX, TARRYN, BE
[72] VANQUICKENBORNE, STEFAAN JAAK, BE
[71] CAPSUGEL BELGIUM N.V., BE
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[72] WILDERMUTH, ERIC G., US
[72] LIU, JONATHAN, US
[72] BANSAL, REESHIDEV, US
[72] LAZARATOS, SPYRIDON K., US
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[54] **DETECTION ET TRAITEMENT D'UN DEFICIT EN HORMONE DE CROISSANCE**
[72] THORNER, MICHAEL, US
[71] AMMONETT PHARM LLC, US
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[54] **APPAREILS ET PROCEDES PERMETTANT DE PRODUIRE UN PRODUIT PROTEIQUE A CONCENTRATION A PARTIR D'UNE BIOMASSE BLANCHIE**
[72] KASAT, GIRISH, US
[72] LOVAS, BRIAN, US
[72] WEAVER, HARVEY, US
[71] PARABEL LTD., KY
[71] WEAVER, HARVEY, US
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[54] **BOUCHON DE CONDUIT AUDITIF PERMETTANT DE DETECTER DES SIGNAUX BIOELECTRIQUES**
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[71] T&W ENGINEERING A/S, DK
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[54] **COMPOSITIONS COMPRENANT DES ALKYLACANOYLAMIDES ET/OU DES ALCANOATES D'ALKYLE ZWITTERIONIQUES**
[72] FEVOLA, MICHAEL J., US
[72] FUETTERER, TOBIAS J., US
[72] BOAZ, NEIL WARREN, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[54] **SYSTEME DE DISTRIBUTION MICROFLUIDIQUE ET CARTOUCHE**
[72] GRUENBACHER, DANA PAUL, US
[72] DODD, SIMON, US
[72] HUNT, DAVID S., US
[72] SCHEFFELIN, JOSEPH EDWARD, US
[72] SHERMAN, FAIZ FEISAL, US
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[54] **MODIFIED CYTOTOXINS AND THEIR THERAPEUTIC USE**
[54] **CYTOTOXINES MODIFIEES ET LEUR UTILISATION THERAPEUTIQUES**
[72] CALLMANN, CASSANDRA E., US
[72] THOMPSON, MATTHEW P., US
[72] LEGUYADER, CLARE L. M., US
[72] GIANNESCHI, NATHAN C., US
[72] BERTIN, PAUL A., US
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[54] **A METHOD OF PREPARING NATURAL GAS TO PRODUCE LIQUID NATURAL GAS (LNG)**
[54] **PROCEDE DE PREPARATION DE GAZ NATUREL POUR PRODUIRE DU GAZ NATUREL LIQUIDE (GNL)**
[72] MILLAR, MACKENZIE, CA
[72] LOURENCO, JOSE, CA
[71] 1304342 ALBERTA LTD., CA
[71] 1304338 ALBERTA LTD., CA
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[54] **PROCEDES NON INVASIFS POUR EVALUER L'INTEGRITE GENETIQUE DE CELLULES SOUCHES PLURIPOTENTES**
[72] DE VOS, JOHN, FR
[72] ASSOU, SAID, FR
[72] GIRAULT, NICOLAS, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] UNIVERSITE DE MONTPELLIER, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE DE MONTPELLIER, FR
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[54] **COMPOSITIONS D'ECRAN SOLAIRE COMPRENANT DES COPOLYMERES AMPHIPHILES SUPERHYDROPHILES**
[72] DALY, SUSAN, US
[72] MAITRA, PRITHWIRAJ, US
[72] SETIAWAN, BARRY, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[54] **BIOMARQUEURS POUR LE DIAGNOSTIC DU TROUBLE DE STRESS POST-TRAUMATIQUE**
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[72] DALGARD, CLIFTON L., US
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[54] **TOUR POUR EOLIENNE CONSTITUEE D'ELEMENTS PREFABRIQUES EN BETON EN FORME DE SEGMENT ANNULAIRE**
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[72] BOGL, STEFAN, DE
[71] MAX BOGL WIND AG, DE
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[54] **ADJUSTING INDUSTRIAL VEHICLE PERFORMANCE**
[54] **AJUSTEMENT DE PERFORMANCES D'UN VEHICULE INDUSTRIEL**
[72] THOMSON, JACOB J., US
[72] WONG, LISA, US
[72] WALTZ, LUCAS B., US
[71] CROWN EQUIPMENT CORPORATION, US
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[54] **COMMUNICATION SYSTEM, GUIDED WAVE SWITCH AND METHODS FOR USE THEREWITH**
[54] **SYSTEME DE COMMUNICATION, COMMUTATEUR A ONDES GUIDEES ET PROCEDES D'UTILISATION ASSOCIES**
[72] BARNICKEL, DONALD J., US
[72] BENNETT, ROBERT, US
[72] BARZEGAR, FARHAD, US
[72] GERSZBERG, IRWIN, US
[72] HENRY, PAUL SHALA, US
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[54] **IMPROVED APPARATUS FOR MOUNTING A PLURALITY OF PANELS TO A FACADE**
[54] **APPAREIL AMELIORE PERMETTANT DE MONTER UNE PLURALITE DE PANNEAUX SUR UNE FACADE**
[72] SIMONSEN, DAVID, US
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[54] **A METHOD AND A DISPENSING ARRANGEMENT FOR TREATING A FLOW OF VAPORIZED LIQUID PROVIDED BY AN E-CIGARETTE AND AN E-CIGARETTE FOR THE ORAL INTAKE OF VAPORIZED LIQUID CONTAINING AN ADDITIONAL COMPOSITION**
[54] **PROCEDE ET AGENCEMENT DE DISTRIBUTION POUR TRAITER UN FLUX DE LIQUIDE VAPORISE APPORTE PAR UNE CIGARETTE ELECTRONIQUE ET CIGARETTE ELECTRONIQUE POUR L'ADMINISTRATION PAR VOIE ORALE DE LIQUIDE VAPORISE CONTENANT UNE COMPOSITION SUPPLEMENTAIRE**
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[72] BIZU, KATHARINA, DE
[71] DILLMANN, ALEXANDRA, DE
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[54] **FORCEPS AVEC MECANISME DE VERROUILLAGE**
[72] ADKISSON, TODD, US
[72] JUNGLES, LUKE, US
[72] KENNEDY, KENNETH, US
[71] COOK MEDICAL TECHNOLOGIES LLC, US
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[54] **ANTI-MALARIA COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS ANTIMALARIQUES ET PROCEDES**
[72] BOYD, JAMES GORHAM, US
[72] POWELL, THOMAS J., US
[71] ARTIFICIAL CELL TECHNOLOGIES, INC., US
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[54] **GELLING COMPOSITIONS FOR TREATING MALIGNANT TUMOURS AND/OR PREVENTING TUMOUR RECURRENCE**
[54] **COMPOSITIONS GELIFIANTES POUR LE TRAITEMENT DE TUMEURS MALIGNES ET/OU LA PREVENTION DE RECIDIVE DE TUMEUR**
[72] MIGNET, NATHALIE, FR
[72] BOUDY, VINCENT PIERRE-MARIE, FR
[72] SEGUIN, JOHANNE, FR
[72] SCHERMAN, DANIEL, FR
[72] BELDENGRUN, YORAN, CH
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] UNIVERSITE PARIS DESCARTES, FR
[71] ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS, FR
[71] ECOLE NATIONALE SUPERIEURE DE CHIMIE DE PARIS, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
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[54] **SYSTEMS FOR RETAINING ABSORBENT ARTICLES**
[54] **SYSTEMES POUR RETENIR DES ARTICLES ABSORBANTS**
[72] SORIA, TAMARA, US
[71] SORIA, TAMARA, US
[85] 2018-03-12
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[54] **PROCESSING METHOD FOR OBTAINING TARGET DATA, SERVER, AND ONLINE FINANCING METHOD**
[54] **PROCEDE DE TRAITEMENT POUR OBTENIR DES DONNEES CIBLES, SERVEUR, ET PROCEDE DE FINANCEMENT EN LIGNE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
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[54] **SYSTEMES ROBOTIQUES ET PROCEDES D'IDENTIFICATION ET DE TRAITEMENT DE DIVERS OBJETS**
[72] WAGNER, THOMAS, US
[72] AHEARN, KEVIN, US
[72] DAWSON-HAGGERTY, MICHAEL, US
[72] COHEN, BENJAMIN, US
[72] GEYER, CHRISTOPHER, US
[72] KOLETSCHKA, THOMAS, US
[72] MARONEY, KYLE, US
[72] MASON, MATTHEW T., US
[72] PRICE, GENE, US
[72] ROMANO, JOSEPH, US
[72] SMITH, DANIEL, US
[72] SRINIVASA, SIDDHARTHA, US
[72] VELAGAPUDI, PRASANNA, US
[72] ALLEN, THOMAS, US
[71] BERKSHIRE GREY INC., US
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[54] **DICARBOXAMIDE DE PYRIDINONE A UTILISER COMME INHIBITEUR DE BROMODOMAINE**
[72] ATKINSON, STEPHEN JOHN, GB
[72] DEMONT, EMMANUEL HUBERT, GB
[72] HARRISON, LEE ANDREW, GB
[72] HAYHOW, THOMAS GEORGE CHRISTOPHER, GB
[72] HOUSE, DAVID, GB
[72] LINDON, MATTHEW J, GB
[72] PRESTON, ALEXANDER G, GB
[72] SEAL, JONATHAN THOMAS, GB
[72] WALL, IAN DAVID, GB
[72] WATSON, ROBERT J, GB
[72] WOOLVEN, JAMES MICHAEL, GB
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[72] BOCK, MARKUS, DE
[72] MAUSSNER, RANDOLPH, DE
[71] PUMA SE, DE
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[54] **SET OF A DENTAL IMPLANT AND PROSTHETIC COMPONENTS, INCLUDING A TRANSEPITHELIAL SLEEVE WITH AN ANTI-ROTATIONAL UPPER CONNECTION**
[54] **ENSEMBLE D'UN IMPLANT DENTAIRE ET DE COMPOSANTS PROSTHETIQUES, COMPRENANT UN MANCHON TRANSEPITHELIAL AVEC UN RACCORD SUPERIEUR ANTIROTATION**
[72] ANITUA ALDECOA, EDUARDO, ES
[71] BIOTECHNOLOGY INSTITUTE, I MAS D, S.L., ES
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[54] **SELECTION ORIENTEE PAR LE SEQUENCAGE D'UNE THERANOSTIQUE DES TUMEURS**
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[72] SANTOS, CARLOS F., US
[71] AFFIGEN, INC., US
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[54] **STREPTAVIDINE RESISTANT AUX PROTEASES**
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[72] RAFIEE, MAHMOUD-REZA, DE
[71] EUROPEAN MOLECULAR BIOLOGY LABORATORY, DE
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[54] **INDICATEUR D'AIGUILLAGE DE CHEMIN DE FER ENTRAINE PAR CABLE**
[72] SCHALK, DAVID A., US
[71] SCHALK, DAVID A., US
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[54] **PROCEDE POUR MODIFIER L'ORIENTATION DE PAQUETS DANS UN SYSTEME DE CONVOYEUR**
[72] MEURER, HANS CHRISTOPH, DE
[71] DEMATIC GMBH, DE
[85] 2018-03-13
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[72] TWOMEY, BARRY, IE
[72] O'DONOGHUE, JOHN, IE
[72] ROCHE, KEVIN, IE
[72] O'NEILL, LIAM, IE
[72] FIORINI, PAOLO VINCENZO ERCOLE, IE
[71] ENBIO LIMITED, IE
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[25] EN
[54] **TWO-COMPONENT SPRAY POLYURETHANE FOAM DISPENSER WITH CONTINUOUS GAS PURGING**
[54] **DISTRIBUTEUR DE MOUSSE DE POLYURETHANE PULVERISEE A DEUX COMPOSANTS AVEC PURGE CONTINUE DU GAZ**
[72] STEWART, GREGORY T., US
[72] SCHROER, DANIEL R., US
[72] FOURNIER, TIMOTHY P., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-03-12
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[54] **SEQUENCES 3'UTR POUR LA STABILISATION D'ARN**
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[72] FESSER, STEPHANIE, DE
[72] VALLAZZA, BRITTA, DE
[72] BEISSERT, TIM, DE
[72] KUHN, ANDREAS, DE
[72] SAHIN, UGUR, DE
[72] POLEGANOV, MARCO ALEXANDER, DE
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[54] **PROCEDE DE FORMATION DE GROUPES D'ARTICLES A FUMER**
[72] ARREDONDO, LUCIO, MX
[71] BRITISH AMERICAN TOBACCO MEXICO, S.A. DE C.V., MX
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[54] **POLYFUNCTIONAL ALCOHOLS AS CROSS-LINKERS IN PMI FOAMS**
[54] **POLYALCOOLS UTILISES COMME AGENTS DE RETICULATION DANS DES MOUSSES DE PMI**
[72] RICHTER, THOMAS, DE
[72] BARTHEL, THOMAS, DE
[72] BORK, LARS, DE
[72] SEIPEL, CHRISTOPH, DE
[72] BERNHARD, KAY, DE
[71] EVONIK ROHM GMBH, DE
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[54] **CONNECTEUR ACTIF INTELLIGENT**
[72] BUECHLI, SERGE, CH
[72] PATENAUDE, ALEXANDRE, FR
[71] INTERLEMO HOLDING S.A., CH
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[25] EN
[54] **ELECTRONIC VAPOUR PROVISION SYSTEM**
[54] **SYSTEME ELECTRONIQUE DE FOURNITURE DE VAPEUR**
[72] BAKER, DARRYL, GB
[72] OLDBURY, ROSS, GB
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2018-03-13
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[54] **POLYMER CONJUGATE OF HEXA-COORDINATED PLATINUM COMPLEX**
[54] **CONJUGUE POLYMERE DE COMPLEXE DE PLATINE HEXACOORDONNE**
[72] NAKAMURA, MASAHARU, JP
[72] FUKUDA, TSUYOSHI, JP
[72] KIKUCHI, YUSAKU, JP
[72] WATANABE, CHIHIRO, JP
[71] NIPPON KAYAKU KABUSHIKI KAISHA, JP
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[25] EN
[54] **BREWING APPARATUS FOR PREPARING A HOT BEVERAGE**
[54] **DISPOSITIF D'INFUSION POUR LA PREPARATION D'UNE BOISSON CHAUDE**
[72] VETTERLI, HEINZ, CH
[72] TURI, MARIANO, CH
[72] MULLER, SIMON, CH
[71] FRANKE KAFFEEMASCHINEN AG, CH
[85] 2018-03-13
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[25] EN
[54] **A COMPOSITE PRODUCT AND A PROCESS FOR PRODUCING SAID PRODUCT**
[54] **PRODUIT COMPOSITE ET PROCEDE DE PRODUCTION DE CE PRODUIT**
[72] MAYES, DUNCAN, FI
[72] PYNNONEN, JANNE, FI
[72] WEST, CHRISTOPHER H., US
[72] GARDNER, DOUGLAS J., US
[72] HAN, YOUSOO, US
[71] STORA ENSO OYJ, FI
[71] UNIVERSITY OF MAINE SYSTEM BOARD OF TRUSTEES, US
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[25] EN
[54] **METHOD AND DEVICE FOR PREPARING A COFFEE DRINK**
[54] **PROCEDE ET DISPOSITIF POUR LA PREPARATION D'UNE BOISSON A BASE DE CAFE**
[72] VETTERLI, HEINZ, CH
[72] MULLER, SIMON, CH
[72] TURI, MARIANO, CH
[71] FRANKE KAFFEEMASCHINEN AG, CH
[85] 2018-03-13
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[54] **ELECTRONIC AEROSOL PROVISION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE DISTRIBUTION D'AEROSOL ELECTRONIQUE**
[72] BAKER, DARRYL, GB
[72] OLDBURY, ROSS, GB
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2018-03-13
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[54] **CLEANING SYSTEM FOR AN APPARATUS FOR DISPENSING LIQUID FOODSTUFFS**
[54] **SYSTEME DE NETTOYAGE POUR UN DISPOSITIF DESTINE A DISTRIBUER DES PRODUITS ALIMENTAIRES LIQUIDES**
[72] VETTERLI, HEINZ, CH
[72] TURI, MARIANO, CH
[71] FRANKE KAFFEEMASCHINEN AG, CH
[85] 2018-03-13
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[54] **FUSION POLYPEPTIDE COMPRISING THE EXTRACELLULAR BINDING DOMAIN OF GROWTH HORMONE RECEPTOR**
[54] **POLYPEPTIDE DE FUSION COMPRENANT LE DOMAINE DE LIAISON EXTRACELLULAIRE DU RECEPTEUR DE L'HORMONE DE CROISSANCE**
[72] WILKINSON, IAN, GB
[72] ROSS, RICHARD, GB
[72] ARTYMIUK, PETER (DECEASED), GB
[71] ASTERION LIMITED, GB
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[54] **RESIN MOLDING METHOD AND RESIN MOLDING DEVICE**
[54] **PROCEDE DE MOULAGE DE RESINE ET DISPOSITIF DE MOULAGE DE RESINE**
[72] ARAHATA, YASUSHI, JP
[72] WATANABE, CHIRIKI, JP
[72] WATANABE, KOJI, JP
[72] MASUDA, HISASHI, JP
[71] HONDA MOTOR CO., LTD., JP
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[25] EN
[54] **BEER-TASTE BEVERAGE, METHOD FOR PRODUCING BEER-TASTE BEVERAGE, AND METHOD FOR IMPROVING DRINKING SENSATION OF BEER-TASTE BEVERAGE**
[54] **BOISSON AU GOUT DE BIERE, PROCEDE DE PRODUCTION D'UNE BOISSON AU GOUT DE BIERE ET PROCEDE D'AMELIORATION DE LA SENSATION DE BOIRE D'UNE BOISSON AU GOUT DE BIERE**
[72] ISHIHARA, TAKEO, JP
[72] HAMAGUCHI, TETSU, JP
[71] SAPPORO HOLDINGS LIMITED, JP
[85] 2018-03-13
[86] 2016-09-14 (PCT/JP2016/077153)
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[25] EN
[54] **APPARATUS FOR PREPARING AND DISPENSING FOOD PRODUCTS**
[54] **APPAREIL DE PREPARATION ET DE DISTRIBUTION DE PRODUITS ALIMENTAIRES**
[72] GRAMPASSI, ENRICO, IT
[71] S.P.M. DRINK SYSTEMS S.P.A., IT
[85] 2018-03-13
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[25] EN
[54] **LASER PROCESSING METHOD AND LASER PROCESSING DEVICE**
[54] **PROCEDE DE TRAITEMENT AU LASER ET DISPOSITIF DE TRAITEMENT AU LASER**
[72] SATO, TAKANORI, JP
[72] YOSHIDA, SHIN, JP
[72] KOIKE, MASAHIRO, JP
[72] FUKAMI, KENICHI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2018-03-13
[86] 2016-09-16 (PCT/JP2016/077540)
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[25] EN
[54] **A CONTINUOUS PROCESS FOR PRODUCING BIO-OIL FROM SPENT BLACK LIQUOR**
[54] **PROCEDE CONTINU DE PRODUCTION D'HUILE BIOLOGIQUE A PARTIR D'UNE LIQUEUR NOIRE EPUISEE**
[72] KUGGE, CHRISTIAN, SE
[72] HULTGREN, ANDERS, SE
[72] FROJDHOLM, HAMPUS, SE
[71] SCA FOREST PRODUCTS AB, SE
[85] 2018-03-13
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[25] EN
[54] **SYSTEMS AND METHODS FOR UTILIZING MULTIPLE MAP PORTIONS FROM MULTIPLE MAP DATA SOURCES**
[54] **SYSTEMES ET PROCEDES D'UTILISATION DE PORTIONS MULTIPLES DE CARTES PROVENANT DE SOURCES MULTIPLES DE DONNEES CARTOGRAPHIQUES**
[72] ZAWADA, TOMASZ, US
[72] CARREIRO, JASON MICHAEL, US
[72] MOHAPATRA, SAURAV, US
[72] BHALLA, KUNAL, US
[72] TSENG, KUAN-YU, US
[71] FACEBOOK, INC., US
[85] 2018-03-13
[86] 2015-09-16 (PCT/US2015/050508)
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[30] US (14/855,096) 2015-09-15

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[51] **Int.Cl. H01G 4/30 (2006.01) B32B 7/00 (2006.01) H01G 4/06 (2006.01) H01G 4/20 (2006.01)**
[25] EN
[54] **MULTICOMPONENT LAYERED DIELECTRIC FILM AND USES THEREOF**
[54] **FILM DIELECTRIQUE STRATIFIE MULTICOMPOSANT ET SES UTILISATIONS**
[72] PONTING, MICHAEL T., US
[71] POLYMERPLUS, LLC, US
[85] 2018-03-13
[86] 2015-12-04 (PCT/US2015/064035)
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[30] US (62/218,337) 2015-09-14

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[51] **Int.Cl. C10L 1/02 (2006.01) C08H 7/00 (2011.01) C07G 1/00 (2011.01) C12P 7/64 (2006.01) D21C 11/00 (2006.01)**
[25] EN
[54] **A BATCH PROCESS FOR PRODUCING BIO-OIL FROM SPENT BLACK LIQUOR**
[54] **PROCEDE DISCONTINU DE PRODUCTION DE BIO-HUILE A PARTIR D'UNE LIQUEUR NOIRE USEE**
[72] KUGGE, CHRISTIAN, SE
[72] HULTGREN, ANDERS, SE
[72] FROJDHOLM, HAMPUS, SE
[71] SCA FOREST PRODUCTS AB, SE
[85] 2018-03-13
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[54] **ELECTRONIC APPARATUS HAVING A FIRST RADIO, AND A SECOND LOW POWER RADIO FOR WAKING THE FIRST RADIO**
[54] **APPAREIL ELECTRONIQUE AYANT UNE PREMIERE RADIO ET SECONDE RADIO A FAIBLE PUISSANCE POUR REVEILLER LA PREMIERE RADIO**
[72] HARDT, CHARLES, US
[72] BARABLIN, DMITRY, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2018-03-13
[86] 2016-09-02 (PCT/US2016/050058)
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[54] **IMPLANTABLE VALVE AND METHOD**
[54] **VALVULE IMPLANTABLE, ET PROCEDE**
[72] KIRK, TAYLOR, US
[72] FILACHEK, ANDREW, US
[72] BURPEE, JANET, US
[71] VENARUM MEDICAL, LLC, US
[85] 2018-03-13
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[54] **PROCESS FOR PREPARING HERBAL EXTRACTS**
[54] **PROCEDE DE PREPARATION D'EXTRAITS D'HERBES**
[72] LADDHA, KIRTI S., IN
[72] AGHARKAR, SHREERAM N, US
[71] MOLEAC PTE LTD., SG
[85] 2018-03-13
[86] 2016-09-13 (PCT/SG2016/050444)
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[51] **Int.Cl. C07K 14/535 (2006.01)**
[25] EN
[54] **IMPROVED CODING SEQUENCE FOR HUMAN G-CSF**
[54] **SEQUENCE CODANTE AMELIOREE POUR G-CSF HUMAIN**
[72] ACHMULLER, CLEMENS, AT
[72] HOLZMANN, JOHANN, AT
[72] HUTWIMMER, STEFAN, AT
[71] SANDOZ AG, CH
[85] 2018-03-13
[86] 2016-10-19 (PCT/EP2016/075039)
[87] (WO2017/067958)
[30] EP (15190353.1) 2015-10-19

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[51] **Int.Cl. C07K 14/535 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A RECOMBINANT PROTEIN WITH REDUCED IMPURITIES**
[54] **PROCEDE DE PRODUCTION D'UNE PROTEINE RECOMBINANTE AVEC TENEUR REDUITE EN IMPURETES**
[72] HUTWIMMER, STEFAN, AT
[71] SANDOZ AG, CH
[85] 2018-03-13
[86] 2016-10-19 (PCT/EP2016/075040)
[87] (WO2017/067959)
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[51] **Int.Cl. E21B 47/12 (2012.01) E21B 41/00 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS TO COMMUNICATE INFORMATION FROM BELOW A SURFACE CEMENT PLUG IN A PLUGGED OR ABANDONED WELL**
[54] **DISPOSITIFS ET PROCEDES POUR COMMUNIQUER DES INFORMATIONS DEPUIS LE DESSOUS D'UN BOUCHON DE SURFACE EN CIMENT DANS UN PUITS BOUCHE OU ABANDONNE**
[72] GANGULY, PARTHA, US
[72] DUTTA, SUSHANT M., US
[72] LEHR, DOUGLAS J., US
[72] RICHARD, BENNETT, US
[72] JOHNSON, MICHAEL H., US
[72] MACPHERSON, JOHN D., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-03-13
[86] 2016-08-09 (PCT/US2016/046145)
[87] (WO2017/048412)
[30] US (14/858,236) 2015-09-18

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 38/48 (2006.01) A61K 47/32 (2006.01) A61K 47/34 (2017.01) A61P 15/00 (2006.01) A61P 17/02 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **THERMOSENSITIVE HYDROGEL COLLAGENASE FORMULATIONS**
[54] **FORMULATIONS D'HYDROGEL THERMOSENSIBLES A BASE DE COLLAGENASE**
[72] YU, BO, US
[72] WEGMAN, THOMAS L., US
[71] BIOSPECIFICS TECHNOLOGIES CORP., US
[85] 2018-03-13
[86] 2016-09-14 (PCT/US2016/051670)
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[51] **Int.Cl. A61K 35/17 (2015.01) C12N 5/0783 (2010.01)**
[25] EN
[54] **NK CELLS EXHIBITING AN ADAPTIVE PHENOTYPE AND METHODS FOR PREPARING AND FOR USING**
[54] **CELLULES NK PRESENTANT UN PHENOTYPE ADAPTATIF, ET PROCEDES DE PREPARATION ET D'UTILISATION**
[72] MILLER, JEFFREY, US
[72] CICHOCKI, FRANK, US
[72] BRYCESON, YENAN, SE
[72] SCHLUMS, HEINRICH, SE
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2018-03-13
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[30] US (62/218,366) 2015-09-14
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[51] **Int.Cl. H04L 29/06 (2006.01) H04L 29/12 (2006.01)**
[25] EN
[54] **DOMAIN NAME SYSTEM RESPONSE SPOOFING AT CUSTOMER PREMISE EQUIPMENT DEVICE**
[54] **USURPATION DE REPONSE DE SYSTEME DE NOM DE DOMAINE AU NIVEAU D'UN DISPOSITIF D'EQUIPEMENT DE LOCAUX DE CLIENT**
[72] NAYAK, ANANTHA, IN
[71] ARRIS ENTERPRISES LLC, US
[85] 2018-03-13
[86] 2016-09-14 (PCT/US2016/051699)
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[30] US (62/233,681) 2015-09-28
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[51] **Int.Cl. G01N 33/543 (2006.01) G01N 33/569 (2006.01) G01N 33/80 (2006.01)**
[25] EN
[54] **DEVICE AND SYSTEM FOR ANALYZING A SAMPLE, PARTICULARLY BLOOD, AS WELL AS METHODS OF USING THE SAME**
[54] **DISPOSITIF ET SYSTEME POUR ANALYSER UN ECHANTILLON, EN PARTICULIER DU SANG ET PROCEDES POUR LES UTILISER**
[72] CHOU, STEPHEN Y., US
[72] DING, WEI, US
[71] ESSENLIX CORP., US
[85] 2018-03-13
[86] 2016-09-14 (PCT/US2016/051775)
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[30] US (62/218,455) 2015-09-14
[30] US (62/293,188) 2016-02-09
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[30] US (PCT/US2016/046437) 2016-08-10

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[51] **Int.Cl. A61K 39/395 (2006.01) C07K 14/47 (2006.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING CANCER VIA ANTAGONISM OF THE CD155/TIGIT PATHWAY AND TGF-.BETA.**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DU CANCER PAR ANTAGONISME DE LA VOIE CD155/TIGHIT ET DE TGF-SS**
[72] SABZEVARI, HELEN, US
[72] METENOU, SIMON, US
[71] COMPASS THERAPEUTICS LLC, US
[85] 2018-03-13
[86] 2016-09-14 (PCT/US2016/051704)
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[30] US (62/218,227) 2015-09-14
[30] US (62/218,169) 2015-09-14

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[51] **Int.Cl. G06Q 50/34 (2012.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TRIGGER-BASED MODIFICATION OF PRIVACY SETTINGS ASSOCIATED WITH POSTS**
[54] **SYSTEMES ET PROCEDES POUR MODIFICATION A BASE DE DECLENCHEUR DE PARAMETRES DE CONFIDENTIALITE ASSOCIES A DES PUBLICATIONS**
[72] TUNG, YEN-TING, US
[71] FACEBOOK, INC., US
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[86] 2015-09-15 (PCT/US2015/050290)
[87] (WO2017/048242)
[30] US (14/853,800) 2015-09-14

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[51] **Int.Cl. G06F 15/163 (2006.01)**
[25] EN
[54] **MOBILE APPLICATION BASED ACCOUNT AGGREGATION**
[54] **AGREGATION DE COMPTES BASEE SUR UNE APPLICATION MOBILE**
[72] KUMAR, KIRTI, US
[72] NAGARAJ, VINAY, US
[71] YODLEE, INC., US
[85] 2018-03-13
[86] 2016-09-12 (PCT/US2016/051324)
[87] (WO2017/048634)
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[51] **Int.Cl. G06F 1/32 (2006.01) G06F 9/38 (2018.01)**
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[54] **METHOD AND APPARATUS FOR EFFECTIVE CLOCK SCALING AT EXPOSED CACHE STALLS**
[54] **PROCEDE ET APPAREIL PERMETTANT UNE MISE A L'ECHELLE D'HORLOGE EFFICACE LORS DE BLOCAGES DE CACHE EXPOSES**
[72] PRIYADARSHI, SHIVAM, US
[72] KRISHNA, ANIL, US
[72] DAMODARAN, RAGURAM, US
[72] BRIDGES, JEFFREY TODD, US
[72] SPEIER, THOMAS PHILIP, US
[72] SMITH, RODNEY WAYNE, US
[72] BOWMAN, KEITH ALAN, US
[72] HANSQUINE, DAVID JOSEPH WINSTON, US
[71] QUALCOMM INCORPORATED, US
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[25] EN
[54] **RECOMBINANT VIRUS PRODUCTS AND METHODS FOR INHIBITION OF EXPRESSION OF MYOTILIN**
[54] **PRODUITS DE VIRUS RECOMBINANTS ET PROCEDES POUR L'INHIBITION DE L'EXPRESSION DE LA MYOTILINE**
[72] HARPER, SCOTT QUENTON, US
[72] LIU, JIAN, US
[71] RESEARCH INSTITUTE OF NATIONWIDE CHILDREN'S HOSPITAL, US
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[54] **VEHICULAR DISPLAY APPARATUS AND VEHICULAR DISPLAY METHOD TECHNICAL FIELD**
[54] **APPAREIL D'AFFICHAGE POUR VEHICULE ET DOMAINE TECHNIQUE DE PROCEDE D'AFFICHAGE POUR VEHICULE**
[72] SHISHIDO, MASAYUKI, JP
[72] KOSAKA, NORIO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-03-13
[86] 2015-09-18 (PCT/JP2015/076644)
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[25] EN
[54] **VEHICLE COMMUNICATION APPARATUS, PROGRAM PRODUCT AND COMMUNICATION SYSTEM**
[54] **APPAREIL DE COMMUNICATION POUR VEHICULE, PROGRAMME INFORMATIQUE ET SYSTEME DE COMMUNICATION**
[72] ISHIHARA, TOSHIRO, JP
[71] DENSO CORPORATION, JP
[85] 2018-03-13
[86] 2016-08-22 (PCT/JP2016/074317)
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[51] **Int.Cl. H04W 72/12 (2009.01) H04W 56/00 (2009.01) H04W 72/14 (2009.01)**
[25] EN
[54] **TERMINAL DEVICE, BASE STATION DEVICE, COMMUNICATION METHOD, AND INTEGRATED CIRCUIT**
[54] **DISPOSITIF DE TERMINAL, DISPOSITIF DE STATION DE BASE, PROCEDE DE COMMUNICATION ET CIRCUIT INTEGRE**
[72] AIBA, TATSUSHI, JP
[72] SUZUKI, SHOICHI, JP
[72] YOKOMAKURA, KAZUNARI, JP
[72] TAKAHASHI, HIROKI, JP
[71] SHARP KABUSHIKI KAISHA, JP
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[54] **ACOUSTICAL GYPSUM WALLBOARD**
[54] **PANNEAU MURAL DE PLATRE ACOUSTIQUE**
[72] RAY, SUMAN SINHA, US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2018-03-13
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[30] US (62/221,169) 2015-09-21
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[54] **IDENTIFICATION OF NOVEL DIAGNOSTICS AND THERAPEUTICS BY MODULATING RHOH**
[54] **IDENTIFICATION DE NOUVEAUX AGENTS DIAGNOSTIQUES ET THERAPEUTIQUES PAR MODULATION DE RHOH**
[72] SHELLEY, CARL SIMON, US
[71] LEUKEMIA THERAPEUTICS, LLC, US
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[25] EN
[54] **METHODS RELATING TO ACTIVATED DENDRITIC CELL COMPOSITIONS AND IMMUNOTHERAPEUTIC TREATMENTS FOR SUBJECTS WITH ADVANCED CANCERS**
[54] **PROCEDES RELATIFS A DES COMPOSITIONS DE CELLULES DENDRITIQUES ACTIVEES ET TRAITEMENTS IMMUNOTHERAPEUTIQUES POUR DES SUJETS ATTEINTS DE CANCERS AVANCES**
[72] BOSCH, MARNIX L., US
[71] NORTHWEST BIOTHERAPEUTICS, INC., US
[85] 2018-03-13
[86] 2016-09-14 (PCT/US2016/051781)
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[54] **VISUAL CONTENT DEVELOPMENT**
[54] **DEVELOPPEMENT DE CONTENU VISUEL**
[72] MCLAUGHLAN, COLIN, US
[72] TAMKIN, PRESTON ALAN, US
[72] HENSON, JONATHAN MICHAEL, US
[71] AMAZON TECHNOLOGIES, INC., US
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[86] 2016-09-15 (PCT/US2016/051993)
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[25] EN
[54] **DEVICE AND SYSTEM FOR COLLECTING AND ANALYZING VAPOR CONDENSATE, PARTICULARLY EXHALED BREATH CONDENSATE, AS WELL AS METHOD OF USING THE SAME**
[54] **DISPOSITIF ET SYSTEME DE COLLECTE ET D'ANALYSE DE CONDENSAT DE VAPEUR, EN PARTICULIER DE CONDENSAT DE SOUFFLE EXHALE, AINSI QUE SON PROCEDE D'UTILISATION**
[72] CHOU, STEPHEN Y., US
[72] DING, WEI, US
[71] ESSENLIX CORPORATION, US
[85] 2018-03-13
[86] 2016-09-14 (PCT/US2016/051794)
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[25] EN
[54] **METHODS AND MATERIALS FOR GALGT2 GENE THERAPY**
[54] **PROCEDES ET MATERIAUX POUR THERAPIE GENIQUE PAR GALGT2**
[72] MARTIN, PAUL TAYLOR, US
[71] RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL, US
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[54] **SPECIALIZED ACTIVATED CARBON DERIVED FROM PRETREATED BIOMASS**
[54] **CHARBON ACTIF SPECIALISE DERIVE DE BIOMASSE PRETRAITEE**
[72] TUDMAN, SCOTT, US
[71] SWEETWATER ENERGY, INC., US
[85] 2018-03-13
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[25] EN
[54] **DISTRIBUTED NETWORKING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE MISE EN RESEAU DISTRIBUEE**
[72] FISHER, PATRICK DAVID, US
[72] NORTHCOTT, BENJAMIN RYAN, US
[72] DUBLANKO, CURTIS MICHAEL, US
[71] PROFIRE ENERGY, INC., US
[85] 2018-03-13
[86] 2016-09-16 (PCT/US2016/052195)
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[30] US (14/856,439) 2015-09-16
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[54] **RESERVOIR SOURING FORECASTING**
[54] **PREVISION D'ACIDIFICATION DE RESERVOIR**
[72] JENNEMAN, GARY E., US
[72] BURGER, EDWARD, US
[72] KOLADE, BABAJIDE, US
[71] CONOCOPHILLIPS COMPANY, US
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[51] **Int.Cl. H04L 29/08 (2006.01) H04L 12/935 (2013.01)**
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[54] **SAFETY NETWORKING PROTOCOL AND METHOD**
[54] **PROTOCOLE ET PROCEDE DE MISE EN RESEAU SECURISEE**
[72] FISHER, PATRICK DAVID, US
[72] NORTHCOTT, BENJAMIN RYAN, US
[72] DUBLANKO, CURTIS MICHAEL, US
[71] PROFIRE ENERGY, INC., US
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[86] 2016-09-16 (PCT/US2016/052207)
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[54] **MODULAR LED TROFFER SYSTEM**
[54] **SYSTEME MODULAIRE DE PLAFONNIER ENCASTRE A DIODES ELECTROLUMINESCENTES**
[72] OGG, JEREMY WILLIAM, US
[72] PASSERELLO, CORY ANTHONY, US
[72] SCHOEPF, JEFFREY RICHARD, US
[71] HUBBELL INCORPORATED, US
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[86] 2016-09-16 (PCT/US2016/052229)
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[51] **Int.Cl. A01K 67/027 (2006.01) C12N 5/0735 (2010.01)**
[25] EN
[54] **SELECTION OF PLURIPOTENT CELLS FOR PRODUCTION OF FERTILE XY FEMALE MICE**
[54] **SELECTION DE CELLULES PLURIPOTENTES POUR LA PRODUCTION DE SOURIS FEMELLES XY FERTILES**
[72] SCHMAHL, JENNIFER, US
[72] FRENDEWEY, DAVID, US
[72] KUNO, JUNKO, US
[72] SIAO, CHIA-JEN, US
[72] DROGUETT, GUSTAVO, US
[72] BAI, YU, US
[72] AUERBACH, WOJTEK, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2018-03-13
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[25] EN
[54] **SYNTHESIS OF TERPHENYL COMPOUNDS**
[54] **SYNTHESE DE COMPOSES TERPHENYLE**
[72] KAYE, ANTHONY, AU
[72] QUAZI, NURUL, AU
[72] FEAST, GEORGE, AU
[72] LAKSHMAN, MARSHNIL, AU
[71] VECTUS BIOSYSTEMS LIMITED, AU
[85] 2018-03-14
[86] 2016-09-21 (PCT/AU2016/050875)
[87] (WO2017/049343)
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[54] **THERAPEUTIC CD47 ANTIBODIES**
[54] **ANTICORPS CD47 THERAPEUTIQUES**
[72] MANNING, PAMELA, US
[72] PURO, ROBYN, US
[72] ALMAGRO, JUAN C., US
[72] KARR, ROBERT W., US
[71] ARCH ONCOLOGY, INC., US
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[86] 2016-09-17 (PCT/US2016/052383)
[87] (WO2017/049251)
[30] US (62/220,691) 2015-09-18
[30] US (62/220,725) 2015-09-18
[30] US (62/221,852) 2015-09-22
[30] US (62/232,681) 2015-09-25
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[54] **ANATOMICAL SIMULATORS PRODUCED USING 3D PRINTING**
[54] **SIMULATEURS ANATOMIQUES PRODUITS PAR IMPRESSION 3D**
[72] KERINS, FERGAL, CA
[72] WHITTON, GREGORY ALLAN, CA
[72] RICHMOND, JOSHUA LEE, CA
[72] GMEINER, TIMOTHEUS ANTON, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[51] **Int.Cl. A61K 31/7064 (2006.01) C07H 19/14 (2006.01) C12N 1/20 (2006.01)**
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[54] **4'-SUBSTITUTED NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITORS AND PREPARATIONS THEREOF**
[54] **INHIBITEURS NUCLEOSIDIQUES DE LA TRANSCRIPTASE INVERSE SUBSTITUES EN POSITION 4' ET PREPARATIONS ASSOCIEES**
[72] GIRIJAVALLABHAN, VINAY M., US
[72] MCLAUGHLIN, MARK, US
[72] CLEATOR, EDWARD, GB
[72] KONG, JONGROCK, US
[72] GIBSON, ANDREW WILLIAM, GB
[72] LIEBERMAN, DAVID R., GB
[72] DIEGUEZ VAZQUEZ, ALEJANDRO, GB
[72] KEEN, STEPHEN PHILIP, GB
[72] WILLIAMS, MICHAEL J., US
[72] MOORE, JEFFREY C., US
[72] MILCZEK, ERIKA M., US
[72] PENG, FENG, US
[72] BELYK, KEVIN M., US
[72] SONG, ZHIGUO JAKE, US
[71] MERCK SHARP & DOHME CORP., US
[71] MERCK SHARP & DOHME LIMITED, GB
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[25] EN
[54] **UREA AND BIS-UREA BASED COMPOUNDS AND ANALOGUES THEREOF USEFUL IN THE TREATMENT OF ANDROGEN RECEPTOR MEDIATED DISEASES OR DISORDERS**
[54] **UREE ET COMPOSES A BASE DE BIS-UREE ET ANALOGUES DE CEUX-CI UTILES DANS LE TRAITEMENT DE MALADIES OU TROUBLE A MEDIATION PAR RECEPTEUR DES ANDROGENES**
[72] WU, JIAN HUI, CA
[72] TIAN, XIAOHONG, CN
[72] LIU, WEIGUO, CN
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
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[25] EN
[54] **IMMUNOGENIC ANTIGEN IDENTIFICATION FROM A PATHOGEN AND CORRELATION TO CLINICAL EFFICACY**
[54] **IDENTIFICATION D'ANTIGENE IMMUNOGENE A PARTIR D'UN PATHOGENE ET CORRELATION AVEC L'EFFICACITE CLINIQUE**
[72] LEEN, ANN MARIE, US
[72] AGUAYO-HIRALDO, PAILBEL, US
[72] TZANNOU, IFIGENEIA, US
[72] VERA, JUAN F. VALDES, US
[71] BAYLOR COLLEGE OF MEDICINE, US
[85] 2018-03-13
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[25] EN
[54] **DETERMINING NODE DEPTH AND WATER COLUMN TRANSIT VELOCITY**
[54] **DETERMINATION DE PROFONDEUR DE NOEUD ET DE VITESSE DE TRANSIT DE COLONNE D'EAU**
[72] UDENGAARD, CARSTEN, US
[71] FAIRFIELD INDUSTRIES, INC., US
[85] 2018-03-13
[86] 2016-09-20 (PCT/US2016/052659)
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[30] US (14/864,345) 2015-09-24

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[25] EN
[54] **NEGATIVE PRESSURE INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION A PRESSION NEGATIVE**
[72] KAVOKIN, ALEXSANDR, RU
[72] SYROTUCK, NIGEL ANTHONY, CA
[72] DRLIK, MARK SASHA, CA
[71] BIOPREME MEDICAL TECHNOLOGIES INC., CA
[85] 2018-03-14
[86] 2016-11-25 (PCT/CA2016/051396)
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[54] **TOOL AND TOOL ATTACHMENT**
[54] **OUTIL ET ACCESSOIRE D'OUTIL**
[72] YOUNG, GRAEME LAURENCE, NZ
[72] IRVING, GORDON DOUGLAS, NZ
[72] HALL, SIMON GERARD, NZ
[72] MEMON, ASHIF IQBAL, NZ
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-03-13
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[87] (WO2017/053302)
[30] NZ (712550) 2015-09-21

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[51] **Int.Cl. A01K 67/027 (2006.01) C07K 14/72 (2006.01)**
[25] EN
[54] **GENETICALLY MODIFIED ANIMALS HAVING INCREASED HEAT TOLERANCE**
[54] **ANIMAUX GENETIQUEMENT MODIFIES AYANT UNE MEILLEURE TOLERANCE A LA CHALEUR**
[72] SONSTEGARD, TAD S., US
[72] CARLSON, DANIEL F., US
[72] FAHRENKRUG, SCOTT C., US
[71] RECOMBINETICS, INC., US
[85] 2018-03-13
[86] 2016-09-20 (PCT/US2016/052693)
[87] (WO2017/053315)
[30] US (62/221,444) 2015-09-21
[30] US (62/327,115) 2016-04-25

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[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ESTABLISHING PERSONALIZED ASSOCIATION BETWEEN VOICE AND PATTERN**
[54] **PROCEDE ET SYSTEME D'ASSOCIATION PERSONNALISEE DE VOIX ET DE MOTIFS**
[72] ZHOU, PENG, CN
[72] YANG, TAOLIU, CN
[72] ZHANG, KE, CN
[72] YANG, QING, CN
[72] JIA, HAITAO, CN
[72] WU, XIAOCHUAN, CN
[71] CHENGDU YAZHISHEPIN NETWORK TECHNOLOGY CO., LTD., CN
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[25] EN
[54] **METHOD FOR CONTROLLING AN ELECTROCHEMICAL WATER AND WASTEWATER TREATMENT PROCESS**
[54] **PROCEDE DE TRAITEMENT D'EAUX USEES FAISANT APPEL A UN DISPOSITIF A ELECTRODE ELECTROCHIMIQUE**
[72] LI, YANBO, CN
[71] LI, YANBO, CN
[85] 2018-03-14
[86] 2016-09-14 (PCT/CN2016/099063)
[87] (WO2017/045619)
[30] CN (201510600655.7) 2015-09-14

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[51] **Int.Cl. B43K 8/00 (2006.01) B43K 5/00 (2006.01) B43K 7/00 (2006.01)**
[25] EN
[54] **USE OF ELEMENTS FOR WRITING, DRAWING, MARKING, AND/OR PAINTING DEVICES, OR COSMETIC DEVICES, OR INPUT DEVICES**
[54] **UTILISATION D'ELEMENTS POUR INSTRUMENTS D'ECRITURE, DE DESSIN, DE MARQUAGE ET/OU DE COLORIAGE OU POUR INSTRUMENTS COSMETIQUES OU POUR INSTRUMENTS DE SAISIE**
[72] FISCHBACK, KLAUS, DE
[71] STAEDTLER MARS GMBH & CO. KG, DE
[85] 2018-03-14
[86] 2016-09-30 (PCT/EP2016/001629)
[87] (WO2017/059949)
[30] DE (10 2015 012 940.6) 2015-10-05

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[51] **Int.Cl. G02B 27/22 (2018.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR CONTROLLING ANGULAR INTENSITY PATTERNS IN A REAL SPACE 3D IMAGE**
[54] **PROCEDES ET SYSTEMES POUR COMMANDER DES MOTIFS D'INTENSITE ANGULAIRE DANS UNE IMAGE 3D D'ESPACE REEL**
[72] BROADBENT, CURTIS J., US
[72] HOWELL, JOHN C., US
[71] UNIVERSITY OF ROCHESTER, US
[85] 2018-03-13
[86] 2016-09-21 (PCT/US2016/052738)
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[30] US (62/221,304) 2015-09-21

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[51] **Int.Cl. H04N 19/597 (2014.01) H04N 5/225 (2006.01)**
[25] EN
[54] **AN APPARATUS AND A METHOD FOR ENCODING AN IMAGE CAPTURED BY AN OPTICAL ACQUISITION SYSTEM**
[54] **APPAREIL ET PROCEDE D'ENCODAGE D'UNE IMAGE CAPTUREE PAR UN SYSTEME D'ACQUISITION OPTIQUE**
[72] BLONDE, LAURENT, FR
[72] SEIFI, MOZHDEH, FR
[72] BOISSON, GUILLAUME, FR
[72] KERBIRIOU, PAUL, FR
[72] DRAZIC, VALTER, FR
[71] THOMSON LICENSING, FR
[85] 2018-03-14
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[25] EN
[54] **USE OF POLYMERS COMPRISING TWO SEGMENTS AS POLYMER ADDITIVES**
[54] **UTILISATION DE POLYMERES COMPRENANT DEUX SEGMENTS COMME ADDITIFS POLYMERES**
[72] SCOTT, PETER, GB
[72] KAY, CHRISTOPHER, GB
[72] LEWTAS, KENNETH, GB
[71] INTERFACE POLYMERS LIMITED, GB
[85] 2018-03-14
[86] 2016-09-09 (PCT/EP2016/071299)
[87] (WO2017/046009)
[30] GB (1516400.7) 2015-09-16

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[25] EN
[54] **IMPROVEMENT OF EXPRESSION AND FOLDING IN THE MANUFACTURING PROCESS OF CD-RAP BY USING A CD-RAP PRECURSOR PROTEIN**
[54] **AMELIORATION DE L'EXPRESSION ET DU REPLIEMENT DANS LE PROCEDE DE FABRICATION DE LA PROTEINE CD-RAP GRACE A L'UTILISATION D'UNE PROTEINE PRECURSEUR DE CD-RAP**
[72] SCHOETTLE, ISABELL, DE
[72] STOMMES, JUDITH, DE
[72] STILLGER, URSULA, DE
[72] BARTNIK, ECKART, DE
[72] JESKE, VOLKER, DE
[72] SAAS, JOACHIM, DE
[72] HABERMANN, PAUL (DECEASED), DE
[72] JANOCHA, BERND, DE
[71] BIONET PHARMA GMBH, DE
[85] 2018-03-14
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[87] (WO2017/046314)
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[30] EP (15306458.9) 2015-09-18
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[54] **SUBSTRATE FOR THE ENHANCEMENT OF FLUORESCENCE**
[54] **SUBSTRAT ACCENTUANT LA FLUORESCENCE**
[72] MAURACHER, CHRISTOPH, AT
[72] BAUER, GEORG, AT
[72] PRINZ, ADRIAN, DE
[72] AICHINGER, GOTTFRIED, AT
[72] HAWA, GERHARD, AT
[71] FIANOSTICS GMBH, AT
[71] STRATEC CONSUMABLES GMBH, AT
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[51] **Int.Cl. B29C 67/00 (2017.01)**
[25] EN
[54] **USE OF A THERMOSETTING POLYMERIC POWDER COMPOSITION**
[54] **UTILISATION D'UNE COMPOSITION DE POUDRE POLYMERE THERMODURCISSABLE**
[72] NGUYEN, LE-HUONG, AT
[72] HERZHOFF, CARSTEN, AT
[71] TIGER COATINGS GMBH & CO. KG, AT
[85] 2018-03-14
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[51] **Int.Cl. B65D 85/804 (2006.01)**
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[54] **ADAPTER FOR A SINGLE SERVE CAPSULE**
[54] **ADAPTATEUR DE CAPSULE**
[72] KRUGER, MARC, DE
[72] EMPL, GUNTER, DE
[72] HANISCH, MARCO, DE
[71] K-FEE SYSTEM GMBH, DE
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[86] 2016-09-16 (PCT/EP2016/072016)
[87] (WO2017/046352)
[30] DE (10 2015 218 023.9) 2015-09-18
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[30] DE (10 2015 223 919.5) 2015-12-01

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[51] **Int.Cl. G06T 5/50 (2006.01)**
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[54] **LIGHT FIELD DATA REPRESENTATION**
[54] **REPRESENTATION DE DONNEES DE CHAMP LUMINEUX**
[72] DRAZIC, VALTER, FR
[72] BOISSON, GUILLAUME, FR
[72] SEIFI, MOZHDEH, FR
[71] THOMSON LICENSING, FR
[85] 2018-03-14
[86] 2016-09-16 (PCT/EP2016/072043)
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[13] A1
[51] **Int.Cl. H04N 5/225 (2006.01)**
[25] EN
[54] **AN APPARATUS AND A METHOD FOR GENERATING DATA REPRESENTING A PIXEL BEAM**
[54] **APPAREIL ET PROCEDE DE GENERATION DE DONNEES REPRESENTANT UN FAISCEAU DE PIXELS**
[72] BOISSON, GUILLAUME, FR
[72] SCHUBERT, ARNO, FR
[72] BLONDE, LAURENT, FR
[71] THOMSON LICENSING, FR
[85] 2018-03-14
[86] 2016-09-16 (PCT/EP2016/072068)
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[51] **Int.Cl. G06T 5/50 (2006.01)**
[25] EN
[54] **A METHOD AND AN APPARATUS FOR GENERATING DATA REPRESENTATIVE OF A PIXEL BEAM**
[54] **PROCEDE ET APPAREIL PERMETTANT DE GENERER DES DONNEES REPRESENTATIVES D'UN FAISCEAU DE PIXELS**
[72] BLONDE, LAURENT, FR
[72] DRAZIC, VALTER, FR
[72] SEIFI, MOZHDEH, FR
[71] THOMSON LICENSING, FR
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[51] **Int.Cl. H01M 8/247 (2016.01) H01M 8/0206 (2016.01) H01M 8/0247 (2016.01) H01M 8/0254 (2016.01) H01M 8/0265 (2016.01) H01M 8/0267 (2016.01) H01M 8/0271 (2016.01) C25B 9/20 (2006.01)**
[25] EN
[54] **SEPARATOR PLATE FOR AN ELECTROCHEMICAL SYSTEM**
[54] **PLAQUE DE SEPARATION POUR SYSTEME ELECTROCHIMIQUE**
[72] KUNZ, CLAUDIA, DE
[72] WENZEL, STEPHAN, DE
[72] SPEIDEL, ANDRE, DE
[72] GLUCK, RAINER, DE
[72] ORUC, AHMET, DE
[71] REINZ-DICHTUNGS-GMBH, DE
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[51] **Int.Cl. G06T 7/00 (2017.01) G02B 27/00 (2006.01) H04N 5/225 (2006.01)**
[25] EN
[54] **AN APPARATUS AND A METHOD FOR CALIBRATING AN OPTICAL ACQUISITION SYSTEM**
[54] **APPAREIL ET PROCEDE D'ETALONNAGE D'UN SYSTEME D'ACQUISITION OPTIQUE**
[72] BLONDE, LAURENT, FR
[72] DRAZIC, VALTER, FR
[72] SEIFI, MOZHDEH, FR
[71] THOMSON LICENSING, FR
[85] 2018-03-14
[86] 2016-09-16 (PCT/EP2016/072072)
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[51] **Int.Cl. B23B 27/00 (2006.01) B23P 9/02 (2006.01) B23Q 11/00 (2006.01) C23C 4/02 (2006.01)**
[25] EN
[54] **TOOL FOR ROUGHENING A BOREHOLE SURFACE**
[54] **OUTIL POUR RUGOSIFIER LA SURFACE D'UN TROU DE FORAGE**
[72] LEDERLE, HANS-PETER, DE
[72] WIEDEMANN, MICHAEL, DE
[72] OSTERMEIER, PETER, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2018-03-14
[86] 2016-09-20 (PCT/EP2016/072240)
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[30] EP (15186465.9) 2015-09-23

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[13] A1
[51] **Int.Cl. G01N 29/02 (2006.01) A61B 8/00 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTING CIRCULATING CELLS IN SUPERFICIAL BODY FLUIDS**
[54] **PROCEDE DE DETECTION DE CELLULES CIRCULANTES DANS DES FLUIDES CORPORELS SUPERFICIELS**
[72] ELVIRA SEGURO, LUIS, ES
[72] MARTINEZ GRAULLERA, OSCAR, ES
[72] KANT SHUKLA, SHIVA, ES
[72] MONTERO, FRANCISCO, ES
[72] JIMENEZ, JAVIER, US
[72] BUTTERWORTH, IAN RICHARD, US
[72] ANTHONY, BRIAN, US
[72] HEASON LEE, JOHN, US
[72] CASTRO GONZALEZ, CARLOS, US
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, ES
[71] FUNDACION PARA EL CONOCIMIENTO MADRI+D, ES
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2018-03-14
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[30] US (62/219,802) 2015-09-17

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[51] **Int.Cl. C07J 63/00 (2006.01) A61K 31/56 (2006.01) A61K 31/58 (2006.01) A61K 31/585 (2006.01) A61P 29/00 (2006.01) C07J 71/00 (2006.01)**
[25] EN
[54] **C4-MODIFIED OLEANOLIC ACID DERIVATIVES FOR INHIBITION OF IL-17 AND OTHER USES**
[54] **DERIVES D'ACIDE OLEANOLIQUE MODIFIE EN C4 POUR L'INHIBITION DE L'IL-17 ET D'AUTRES UTILISATIONS**
[72] VISNICK, MELEAN, US
[72] JIANG, XIN, US
[72] HOTEMA, MARTHA R., US
[72] LEE, CHITASE, US
[72] CAPRATHE, BRADLEY WILLIAM, US
[72] ROARK, WILLIAM H., US
[72] BOLTON, GARY, US
[71] REATA PHARMACEUTICALS, INC., US
[85] 2018-03-13
[86] 2016-09-23 (PCT/US2016/053545)
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[30] US (62/222,632) 2015-09-23

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[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/18 (2006.01) A61K 31/33 (2006.01) A61K 31/352 (2006.01) A61K 31/404 (2006.01) A61K 31/4965 (2006.01) A61K 31/675 (2006.01) A61K 31/69 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **NEW THERAPEUTIC STRATEGIES AGAINST BLOOD CANCER**
[54] **NOUVELLES STRATEGIES THERAPEUTIQUES CONTRE LA LEUCEMIE**
[72] LONGO, VALTER, IT
[72] RAUCCI, FRANCA, IT
[71] IFOM FONDAZIONE ISTITUTO FIRC DI ONCOLOGIA MOLECOLARE, IT
[85] 2018-03-14
[86] 2016-09-21 (PCT/EP2016/072467)
[87] (WO2017/050849)
[30] US (62221439) 2015-09-21

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[51] **Int.Cl. C12N 9/06 (2006.01) C12P 1/02 (2006.01) C12P 7/44 (2006.01)**
[25] EN
[54] **FUNGAL PRODUCTION OF FDCA**
[54] **PRODUCTION FONGIQUE DE FDCA**
[72] DE BONT, JOHANNES ADRIANUS MARIA, NL
[72] RUIJSSENAARS, HARALD JOHAN, NL
[72] WERIJ, JAN, NL
[71] PURAC BIOCHEM B.V., NL
[85] 2018-03-14
[86] 2016-09-21 (PCT/EP2016/072406)
[87] (WO2017/050815)
[30] NL (2015469) 2015-09-21

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[51] **Int.Cl. G06F 21/62 (2013.01)**
[25] EN
[54] **TRANSMISSION OF TAGS AND POLICIES WITH DATA OBJECTS**
[54] **TRANSMISSION DE MARQUEURS ET DE POLITIQUES CONJOINTEMENT AVEC DES OBJETS DE DONNEES**
[72] SUMMERS, CARL WESLEY, US
[72] GILLANI, SYED OMAIR ZAFAR, US
[72] NADAL, JONATHAN JORGE, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2018-03-13
[86] 2016-09-29 (PCT/US2016/054458)
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[30] US (14/870,627) 2015-09-30

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[13] A1
[51] **Int.Cl. A61K 31/00 (2006.01) A61K 31/195 (2006.01) A61P 17/16 (2006.01)**
[25] EN
[54] **INHIBITORS OF PLASMINOGEN FOR TREATING, REDUCING OR PREVENTING RADIATION-INDUCED INJURIES**
[54] **INHIBITEURS DU PLASMINOGENE POUR TRAITER, REDUIRE OU PREVENIR LES BLESSURES INDUITES PAR RAYONNEMENT**
[72] NY, TOR, SE
[72] FALLAH, MAHSA, SE
[72] WILCZYNSKA, MALGORZATA, SE
[72] BLOMQUIST, MICHAEL, SE
[72] JOHANSSON, MIKAEL, SE
[71] OMNIO AB, SE
[85] 2018-03-14
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[30] SE (1530138-5) 2015-09-22

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[51] **Int.Cl. H05K 3/28 (2006.01) B05D 1/00 (2006.01) C23C 14/50 (2006.01) C23C 14/56 (2006.01)**
[25] EN
[54] **POLYMER COATINGS AND METHODS FOR DEPOSITING POLYMER COATINGS**
[54] **REVETEMENTS EN POLYMERE ET PROCEDES POUR DEPOSER DES REVETEMENTS EN POLYMERE**
[72] LOULIDI, SAMIR, BE
[72] ROGGE, EVA, BE
[72] LEGEIN, FILIP, BE
[71] EUROPLASMA NV, BE
[85] 2018-03-14
[86] 2016-09-23 (PCT/EP2016/072774)
[87] (WO2017/051019)
[30] EP (15186771.0) 2015-09-24

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[51] **Int.Cl. G10L 19/06 (2013.01) G10L 21/0208 (2013.01)**
[25] EN
[54] **ENCODER AND METHOD FOR ENCODING AN AUDIO SIGNAL WITH REDUCED BACKGROUND NOISE USING LINEAR PREDICTIVE CODING**
[54] **CODEUR ET PROCEDE DE CODAGE D'UN SIGNAL AUDIO AVEC REDUCTION DU BRUIT DE FOND AU MOYEN D'UN CODAGE PREDICTIF LINEAIRE**
[72] FISCHER, JOHANNES, DE
[72] BAECKSTROEM, TOM, FI
[72] JOKINEN, EMMA, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[86] 2016-09-23 (PCT/EP2016/072701)
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[30] EP (15186901.3) 2015-09-25
[30] EP (16175469.2) 2016-06-21

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[13] A1
[51] **Int.Cl. H04N 19/597 (2014.01) G06T 5/50 (2006.01)**
[25] EN
[54] **METHOD FOR ENCODING A LIGHT FIELD CONTENT**
[54] **PROCEDE DE CODAGE D'UN CONTENU DE CHAMP LUMINEUX**
[72] SEIFI, MOZHDEH, FR
[72] DRAZIC, VALTER, FR
[72] SCHUBERT, ARNO, FR
[72] BURELLER, OLIVIER, FR
[71] THOMSON LICENSING, FR
[85] 2018-03-14
[86] 2016-09-15 (PCT/EP2016/071873)
[87] (WO2017/046272)
[30] EP (15306437.3) 2015-09-17
[30] EP (15306439.9) 2015-09-17
[30] EP (15306440.7) 2015-09-17
[30] EP (15306441.5) 2015-09-17
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[51] **Int.Cl. A23D 7/005 (2006.01) A23D 7/01 (2006.01) A23J 3/16 (2006.01)**
[25] EN
[54] **COOKING-AID FOR COATING AND FRYING A FOOD PRODUCT AND METHOD FOR MAKING SAID COOKING-AID**
[54] **ADJUVANT CULINAIRE SERVANT A L'ENROBAGE ET A LA FRITURE D'UN PRODUIT ALIMENTAIRE ET PROCEDE DE FABRICATION DUDIT ADJUVANT CULINAIRE**
[72] FEZER, RAMONA JASMIN, DE
[72] HANLE, CHRISTOPH, DE
[72] GADDIPATI, SANYASI, DE
[72] MARITZ, DIRK JACOBUS, DE
[71] NESTEC S.A., CH
[85] 2018-03-14
[86] 2016-11-15 (PCT/EP2016/077700)
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[30] EP (15196502.7) 2015-11-26

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[51] **Int.Cl. C11D 9/00 (2006.01) C11D 13/18 (2006.01)**
[25] EN
[54] **PROCESS FOR MAKING SOAP BAR HAVING SEPARATE REGIONS OF SPECIFICALLY SELECTED COMPONENTS**
[54] **PROCEDE DE FABRICATION DE PAIN DE SAVON PRESENTANT DES REGIONS SEPAREES A CONSTITUANTS CHOISIS SPECIFIQUEMENT**
[72] ASTOLFI, RAFAEL, BR
[72] BASSO, JORGE LUIZ, BR
[72] LEOPOLDINO, SERGIO ROBERTO, BR
[72] VIDIGAL, LUIZ FELIPE COSTA, ZA
[72] VIJAYAKRISHNAN, VENUGOPAL, IN
[72] YAROVOY, YURIY KONSTANTINOVICH, US
[71] UNILEVER PLC, GB
[85] 2018-03-14
[86] 2016-10-12 (PCT/EP2016/074510)
[87] (WO2017/064141)
[30] EP (15190270.7) 2015-10-16

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[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/32 (2006.01) A61B 17/34 (2006.01) A61B 17/16 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **CONTROL MECHANISM FOR STEERABLE ROD**
[54] **MECANISME DE COMMANDE POUR TIGE ORIENTABLE**
[72] DUTERTRE, GUILLAUME, FR
[72] ZERLAUTH, JEAN-BAPTISTE, CH
[72] OGLAZA, JEAN-FRANCOIS, FR
[72] RATRON, YVES-ALAIN, FR
[71] VEXIM, FR
[85] 2018-03-14
[86] 2016-09-16 (PCT/EP2016/071922)
[87] (WO2017/046298)
[30] FR (1558697) 2015-09-16

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[51] **Int.Cl. A61B 34/10 (2016.01) A61B 5/00 (2006.01) A61B 8/00 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR MANAGEMENT OF DATA DERIVED FROM MEDICAL IMAGING**
[54] **PROCEDES ET SYSTEMES POUR LA GESTION DE DONNEES OBTENUES A PARTIR D'IMAGERIE MEDICALE**
[72] WALLE-JENSEN, JORGEN, CA
[72] BROWNE, GREGORY VINCENT, CA
[71] NOVADAQ TECHNOLOGIES ULC, CA
[85] 2018-03-14
[86] 2016-07-29 (PCT/IB2016/001214)
[87] (WO2017/051229)
[30] US (62/222,631) 2015-09-23

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[13] A1
[51] **Int.Cl. A61B 6/00 (2006.01) A61B 5/026 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ASSESSING HEALING OF TISSUE**
[54] **PROCEDES ET SYSTEMES PERMETTANT D'EVALUER LA CICATRISATION D'UN TISSU**
[72] GUREVICH, LINA, CA
[71] NOVADAQ TECHNOLOGIES ULC, CA
[85] 2018-03-14
[86] 2016-07-29 (PCT/IB2016/001216)
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[30] US (62/222,630) 2015-09-23

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[54] **SMART GARMENT, USER TERMINAL, SYSTEM INCLUDING SAME, AND METHOD OF CHANGING DESIGN OF SMART GARMENT**
[54] **VETEMENT INTELLIGENT, TERMINAL UTILISATEUR, SYSTEME LE COMPRENANT, ET PROCEDE DE CHANGEMENT DE DESSIN DE VETEMENT INTELLIGENT**
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[72] CHO, HYUNG RAE, KR
[72] SOHN, DONG HYUN, KR
[72] HWANG, IN OH, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **PROMEDICAMENTS D'OPIOIDES A POLY(SOUS-UNITES) RESISTANT AU SURDOSAGE ET A L'ABUS**
[72] JENKINS, THOMAS E., US
[71] ELYSIUM THERAPEUTICS, INC., US
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[54] **DEVICES, SYSTEMS AND METHODS FOR USING AND MONITORING MEDICAL DEVICES**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES D'UTILISATION ET DE SURVEILLANCE DE DISPOSITIFS MEDICAUX**
[72] HUNTER, WILLIAM L., CA
[72] HOLBERG, DOUGLAS R., US
[71] CANARY MEDICAL INC., CA
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[54] **METHOD FOR GUIDING A MACHINING HEAD ALONG A TRACK TO BE MACHINED**
[54] **PROCEDE DE GUIDAGE D'UNE TETE D'USINAGE LE LONG D'UNE TRACE A USINER**
[72] AGRAWAL, FABIAN, DE
[72] BIRMANNS, STEFAN, CH
[72] SCHWARZ, JOACHIM, CH
[72] SUPERNOK, ERIC, DE
[71] PRECITEC GMBH & CO. KG, DE
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[54] **METHODS FOR CHARACTERISING AND MINIMISING THE CORROSIVE EFFECTS OF AN OIL AND OIL PLANT MAKING IT POSSIBLE TO MINIMISE THE PROBLEMS OF CORROSION**
[54] **PROCEDES DE CARACTERISATION ET DE MINIMISATION DES EFFETS CORROSIFS D'UN PETROLE ET INSTALLATION PETROLIERE PERMETTANT DE MINIMISER LES PROBLEMES DE CORROSION**
[72] PARTOUCHE, ALAIN, FR
[72] EL YOUNANI, MOHAMED, FR
[72] SZYMKOWIAK, BERTRAND JEAN, FR
[72] VELD, ALBERT, FR
[72] PARTOUCHE, FRANCK LOUIS SIMON, FR
[72] MUSSO, COSTANZA, FR
[71] LA HARPE D'OR, FR
[71] EAB GROUPE, FR
[71] SZYMKOWIAK, BERTRAND JEAN, FR
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[54] **USE OF ANTI-MCAM ANTIBODIES FOR TREATMENT OR PROPHYLAXIS OF GIANT CELL ARTERITIS, POLYMYALGIA RHEUMATICA OR TAKAYASU'S ARTERITIS**
[54] **UTILISATION D'ANTICORPS ANTI-MCAM POUR LE TRAITEMENT OU LA PROPHYLAXIE DE L'ARTERITE A CELLULES GEANTES, LA PSEUDO-POLYARTHRITE RHIZOMELIQUE OU L'ARTERITE DE TAKAYASU**
[72] LIU, YUE, US
[72] GARIDEL, PATRICK, DE
[72] LANGER, ANDREAS, DE
[72] FLANAGAN, KENNETH, US
[71] PROTHENA BIOSCIENCES LIMITED, IE
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[54] **ENSEMBLE POUR THERAPIE PHOTODYNAMIQUE**
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[71] KERBER, THOMAS B., CA
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[54] **METHOD FOR MANUFACTURING NICKEL POWDER, AND METHOD FOR OPERATING REACTION FACILITY**
[54] **PROCEDE DE FABRICATION DE POUDRE DE NICKEL ET PROCEDE DE FONCTIONNEMENT D'UNE INSTALLATION DE REACTION**
[72] DOI, YASUO, JP
[72] TAKAISHI, KAZUYUKI, JP
[72] YAMAGUMA, RYOMA, JP
[72] OZAKI,YOSHITOMO, JP
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[54] **MULTIPLEXAGE DE DONNEES SERIE**
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[72] CRAIG, JOHNATHAN W., US
[71] RAYTHEON COMPANY, US
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[54] **COLLIER DE PROTECTION REGLABLE POUR ANIMAUX**
[72] GIBSON, CHAD, US
[71] CSTECH US, US
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[54] **IMPROVED JACK DEVICE AND SYSTEM**
[54] **DISPOSITIF ET SYSTEME DE VERIN AMELIORES**
[72] RENQUIST, JOHN HOWARD, US
[71] RENQUIST, JOHN HOWARD, US
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[54] **REEL LOCK HAVING MULTIPLE TOOTH DOG**
[54] **BLOCAGE D'ENROULEUR COMPRENANT UNE PIECE A DENTS MULTIPLES**
[72] FORD, BRIAN, US
[71] CARLETON LIFE SUPPORT SYSTEMS, INC., US
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[54] **METHODS OF DEGRADING POLYMER COMPOSITES IN AQUEOUS FLUIDS USING CATALYSTS**
[54] **PROCEDES DE DEGRADATION DE COMPOSITES POLYMERES DANS DES LIQUIDES AQUEUX EN UTILISANT DES CATALYSEURS**
[72] ZHU, SHITONG S., US
[72] AMARANTE, MIRANDA, US
[72] QU, MENG, US
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **TARSAL-METATARSAL JOINT PROCEDURE UTILIZING FULCRUM**
[54] **PROCEDURE SUR L'ARTICULATION TARSO-METATARSIENNE UTILISANT UN POINT D'APPUI**
[72] BAYS, F. BARRY, US
[72] SANTROCK, ROBERT D., US
[72] DAYTON, PAUL, US
[72] HATCH, DANIEL J., US
[72] SMITH, W. BRET, US
[72] GIL, CARLOS EDUARDO, US
[72] SCANLAN, SEAN F., US
[72] FERGUSON, JOE WILLIAM, US
[72] TREACE, JOHN T., US
[71] TREACE MEDICAL CONCEPTS, INC., US
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[25] EN
[54] **BEER-TASTE BEVERAGE, METHOD FOR PRODUCING BEER-TASTE BEVERAGE, AND METHOD FOR IMPROVING AROMA OF BEER-TASTE BEVERAGE**
[54] **BOISSON AU GOUT DE BIERE, PROCEDE DE PRODUCTION D'UNE BOISSON AU GOUT DE BIERE ET PROCEDE D'AMELIORATION DE L'AROME D'UNE BOISSON AU GOUT DE BIERE**
[72] ISHIHARA, TAKEO, JP
[72] HAMAGUCHI, TETSU, JP
[71] SAPPORO HOLDINGS LIMITED, JP
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[54] **CO-THERAPY COMPRISING CANAGLIFLOZIN AND PHENTERMINE FOR THE TREATMENT OF OBESITY AND OBESITY RELATED DISORDERS**
[54] **CO-THERAPIE COMPRENANT DE LA CANAGLIFLOZINE ET DE LA PHENTERMINE POUR LE TRAITEMENT DE L'OBESITE ET DE TROUBLES LIES A L'OBESITE**
[72] ROSENTHAL, NORMAN R., US
[72] ROTHENBERG, PAUL, US
[72] POLIDORI, DAVID C., US
[72] WAYS, DOUGLAS K., US
[72] STEIN, PETER P., US
[71] JANSSEN PHARMACEUTICA NV, BE
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[51] **Int.Cl. A61M 39/06 (2006.01)**
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[54] **HEMOSTASIS VALVES AND RELATED COMPONENTS AND METHODS**
[54] **VALVES HEMOSTATIQUES ET COMPOSANTS ET PROCEDES ASSOCIES**
[72] BICKHART, BRYAN, US
[72] HEINE, CHRISTOPHER A., US
[72] MILONE, MARY L., US
[72] MURPHY, JOHN, US
[71] MERIT MEDICAL SYSTEMS, INC., US
[71] ABIOMED, INC., US
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[54] **TELEPORTATION IN AN AUGMENTED AND/OR VIRTUAL REALITY ENVIRONMENT**
[54] **TELEPORTATION DANS UN ENVIRONNEMENT DE REALITE AUGMENTEE ET/OU VIRTUELLE**
[72] GLAZIER, ADAM, US
[72] PARKER, EVAN HARDESTY, US
[71] GOOGLE LLC, US
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[54] **SECURITE DE RESEAU BASEE SUR LA PROXIMITE**
[72] CHANDRASEKARAN, SASHIKANTH, US
[72] WALFISH, SHELDON ISRAEL, US
[72] WANG, YILEI, US
[72] XU, ZHIHONG, US
[71] GOOGLE LLC, US
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[54] **CONTAINER CLOSURE WITH OVER-CAP DEVICE**
[54] **FERMETURE DE RECIPIENT AVEC DISPOSITIF FORMANT SURCOUVERCLE**
[72] DELLEVIGNE, LAURA, US
[72] MATHELIER, MARTIN ANTOINE, US
[72] FABOZZI, THIERRY JEAN ROBERT, CH
[72] MORSE, SHARI LEE, US
[71] PEPSICO, INC., US
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[54] **METHOD FOR MANUFACTURING A PRE-FABRICATED PHOTOVOLTAIC CONSTRUCTION ELEMENT**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT DE CONSTRUCTION PREFABRIQUE ET PHOTOVOLTAIQUE**
[72] HORGNIES, MATTHIEU, FR
[72] DUBOIS-BRUGGER, ISABELLE, FR
[72] LEGRAND, FABIENNE, FR
[72] MOLINES, GERARD, FR
[71] HOLCIM TECHNOLOGY LTD, CH
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[54] **DEVICE, SYSTEM AND METHOD FOR USING THE DEVICE OR SYSTEM FOR ASSAYING AN ANALYTE IN A SAMPLE**
[54] **DISPOSITIF, SYSTEME ET PROCEDE D'UTILISATION DU DISPOSITIF OU DU SYSTEME POUR DOSER UN ANALYTE DANS UN ECHANTILLON**
[72] BHOWMICK, NEIL A., US
[72] BAKER, MICHAEL J., CA
[72] DRLIK, MARK SASHA, CA
[72] PHILIPPSEN, AARON, CA
[72] HANSEN, BJARNE, CA
[72] DUONG, FRANK, US
[71] CEDARS-SINAI MEDICAL CENTER, US
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[54] **COMPOSITION PHARMACEUTIQUE ORALE COMPRENANT UN CANNABINOIDE, PROCEDE POUR SA PREPARATION ET SON UTILISATION**
[72] DONADUZZI, LUIZ, BR
[72] DONADUZZI, CARMEN MARIA, BR
[72] DE MENEZES, CHRISTIAN GREGORY BURGOS, BR
[72] JUNIOR, LIBERATO BRUM, BR
[72] FILHO, VOLNEI JOSE TONDO, BR
[72] ROSA, PATRICIA MOURA, BR
[72] CRIPPA, JOSE ALEXANDRE, BR
[72] HALLAK, JAIME EDUARDO CECILIO, BR
[72] ZUARDI, ANTONIO WALDO, BR
[72] GUIMARAES, FRANCISCO SILVEIRA, BR
[71] PRATI, DONADUZZI & CIA LTDA, BR
[71] UNIVERSIDADE DE SAO PAULO, BR
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[54] **DUAL VARIABLE DOMAIN IMMUNOCONJUGATES AND USES THEREOF**
[54] **IMMUNOCONJUGUES A DOUBLE DOMAINE VARIABLE ET LEURS UTILISATIONS**
[72] RADER, CHRISTOPH, US
[72] NANNA, ALEX R., US
[72] ROUSH, WILLIAM R., US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
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[54] **HEPATITIS B CORE PROTEIN MODULATORS**
[54] **MODULATEURS DES PROTEINES DU NOYAU DE L'HEPATITE B**
[72] TURNER, WILLIAM, US
[72] ARNOLD, LEE DANIEL, US
[72] MAAG, HANS, DE
[72] LI, LEPING, US
[72] BURES, MARK, US
[72] HAYDAR, SIMON, US
[72] FRANCIS, SAMSON, US
[71] ASSEMBLY BIOSCIENCES, INC., US
[71] INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION, US
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[25] EN
[54] **DIAMINOPYRIMIDINE P2X3 AND P2X2/3 RECEPTOR MODULATORS FOR USE IN THE TREATMENT OF COUGH**
[54] **MODULATEURS DES RECEPTEURS P2X3 ET P2X2/3 DE DIAMINOPYRIMIDINE DESTINES A ETRE UTILISES DANS LE TRAITEMENT DE LA TOUX**
[72] FORD, ANTHONY P., US
[72] GLAUB, KATHLEEN SEREDA, US
[72] KITT, MICHAEL M., US
[72] SMITH, STEVEN, US
[71] AFFERENT PHARMACEUTICALS, INC., US
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[25] EN
[54] **METHOD AND SYSTEM FOR PROCESSING A FLUID PRODUCED FROM A WELL**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT DE FLUIDE PRODUIT A PARTIR D'UN PUITS**
[72] FREDHEIM, ARNE OLAV, NO
[72] EIDESEN, BJORGULF HAUKELIDSÆTER, NO
[72] GRYTDAL, IDAR OLAV, NO
[72] RAVNDAL, OLA, NO
[71] STATOIL PETROLEUM AS, NO
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[25] EN
[54] **DATA TRANSMISSION METHOD, TERMINAL DEVICE, AND BASE STATION**
[54] **PROCEDE DE TRANSMISSION DE DONNEES, DISPOSITIF TERMINAL ET STATION DE BASE**
[72] WU, QIANG, CN
[72] QU, BINGYU, CN
[72] XUE, LIXIA, CN
[72] SUN, HAO, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **COMPOSITIONS AND METHODS FOR MODULATING FMR1 EXPRESSION**
[54] **COMPOSITIONS ET METHODES DE MODULATION DE L'EXPRESSION DE FMR1**
[72] GREEN, MICHAEL R., US
[72] FANG, MINGGANG, US
[72] KOWTONIUK, WALTER, US
[71] UNIVERSITY OF MASSACHUSETTS, US
[85] 2018-03-14
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[51] **Int.Cl. A47B 13/08 (2006.01)**
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[54] **HOLLOW TABLE TOP**
[54] **PANNEAU DE BUREAU CREUX**
[72] LENG, LUHAO, CN
[71] NEW-TEC INTEGRATION (XIAMEN) CO., LTD., CN
[85] 2018-03-15
[86] 2016-09-13 (PCT/CN2016/098798)
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[25] FR
[54] **USE OF A CYCLIC TRIPEPTIDE FOR IMPROVING CELLULAR ENERGY METABOLISM**
[54] **UTILISATION D'UN TRIPEPTIDE CYCLIQUE POUR AMELIORER LE METABOLISME ENERGETIQUE CELLULAIRE**
[72] WOLF, JEAN-PHILIPPE, FR
[72] LOMBES, ANNE, FR
[72] BOMSEL, MORGANE, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[71] UNIVERSITE PARIS DESCARTES, FR
[71] INSERM PARIS, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2018-03-15
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[25] EN
[54] **HIGH-CHARGE CAPACITY ELECTRODES TO DELIVER DIRECT CURRENT NERVE CONDUCTION BLOCK**
[54] **ELECTRODES A CAPACITE DE CHARGE ELEVEE CONCUES POUR PERMETTRE UN BLOCAGE DE CONDUCTION NERVEUSE PAR COURANT CONTINU**
[72] BHADRA, NARENDRA, US
[72] WAINRIGHT, JESSE, US
[72] BHADRA, NILOY, US
[72] KILGORE, KEVIN L., US
[72] VRABEC, TINA, US
[71] CASE WESTERN RESERVE UNIVERSITY, US
[85] 2018-03-14
[86] 2016-09-30 (PCT/US2016/054663)
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[51] **Int.Cl. G06Q 10/10 (2012.01) G06Q 10/06 (2012.01) G06F 11/36 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SECURITY AND RISK ASSESSMENT AND TESTING OF APPLICATIONS**
[54] **SYSTEMES ET PROCEDES D'EVALUATION ET DE TEST DE SECURITE ET DE RISQUE D'APPLICATIONS**
[72] HOERNECKE, ANDY, US
[72] CHAN, JASON, US
[71] NETFLIX, INC., US
[85] 2018-03-14
[86] 2016-10-04 (PCT/US2016/055352)
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[30] US (14/876,354) 2015-10-06

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[13] A1
[51] **Int.Cl. G01N 21/67 (2006.01)**
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[54] **SOLUTION CATHODE GLOW DISCHARGE ELEMENTAL ANALYSIS**
[54] **ANALYSE ELEMENTAIRE DE DECHARGE LUMINESCENTE DE SOLUTION CATHODE**
[72] SCHRODER, STUART GARTH, CA
[72] GARVER, THEODORE MEYER, CA
[72] PASTUSHAK, PAUL PETER, CA
[71] INNOTECH ALBERTA INC., CA
[85] 2018-03-15
[86] 2016-09-23 (PCT/CA2016/051121)
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[30] US (62/232,041) 2015-09-24

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[51] **Int.Cl. B07B 1/28 (2006.01) B07B 1/46 (2006.01) B07B 13/04 (2006.01)**
[25] EN
[54] **CLIP & SEAL ASSEMBLY**
[54] **ENSEMBLE AGRAFE ET JOINT**
[72] GALLOWAY MCLEAN, CLAIRE ROSALEEN, GB
[71] M-I DRILLING FLUIDS U.K. LIMITED, GB
[85] 2018-03-14
[86] 2016-09-13 (PCT/US2016/051437)
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[54] **METHODS AND COMPOSITIONS OF INHIBITING DCN1-UBC12 INTERACTION**
[54] **PROCEDES ET COMPOSITIONS D'INHIBITION DE L'INTERACTION DCN1-UBC12**
[72] MIN, JAEKI, US
[72] SCOTT, DANIEL C., US
[72] BHASIN, DEEPAK, US
[72] SCHULMAN, BRENDA A., US
[72] SINGH, BHUVANESH, US
[72] HAMMILL, JARED T., US
[72] GUY, R. KIPLIN, US
[71] ST. JUDE CHILDREN'S RESEARCH HOSPITAL, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
[85] 2018-03-14
[86] 2016-09-19 (PCT/US2016/052493)
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[54] **APPARATUS AND METHOD FOR MAKING A FLEXIBLE PACKAGE**
[54] **APPAREIL ET PROCEDE DE FABRICATION D'EMBALLAGE SOUPLE**
[72] SANFILIPPO, JOHN E., US
[72] SANFILIPPO, JAMES J., US
[72] SORIA, FRANCISCO JAVIER, US
[71] PRIMAPAK, LLC, US
[85] 2018-03-14
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[25] EN
[54] **SYNTHETIC AGRICULTURAL PRODUCT**
[54] **PRODUIT AGRICOLE SYNTHETIQUE**
[72] BUNDERSON, LANDON, US
[71] BFP MANAGEMENT, LLC, US
[85] 2018-03-14
[86] 2016-09-19 (PCT/US2016/052545)
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[25] EN
[54] **ELECTROCHROMIC EYEWEAR**
[54] **LUNETTES ELECTROCHROMIQUES**
[72] CHANDRASEKHAR, PRASANNA, US
[72] ZAY, BRIAN J., US
[72] LAGANIS, EDWARD J., US
[72] ROMANOV, VASILY V., US
[72] LAROSA, ANTHONY J., US
[71] ASHWIN-USHAS CORPORATION, INC., US
[85] 2018-03-14
[86] 2016-08-26 (PCT/US2016/049009)
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[25] EN
[54] **CYCLOHEXANE DERIVATIVE OR STEREOISOMER OR SALT THEREOF, AND PREPARATION AND USE THEREOF**
[54] **DERIVE DE CYCLOHEXANE OU STEREOISOMERE OU SEL DE CE DERNIER, PREPARATION ET UTILISATION DE CE DERNIER**
[72] HUANG, YUE, CN
[72] ZHENG, FEI, CN
[71] ZHEJIANG JINGXIN PHARMACEUTICAL CO., LTD., CN
[71] SHANGHAI JINGXIN BIOMEDICAL CO., LTD., CN
[71] SHANGYU JINGXIN PHARMACEUTICAL CO., LTD., CN
[85] 2018-03-15
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[51] **Int.Cl. A61K 35/50 (2015.01) C12N 5/0735 (2010.01) A61P 29/00 (2006.01)**
[25] EN
[54] **TREATMENT OF DIABETIC PERIPHERAL NEUROPATHY USING PLACENTAL CELLS**
[54] **TRAITEMENT DE LA NEUROPATHIE PERIPHERIQUE DIABETIQUE AU MOYEN DE CELLULES PLACENTAIRES**
[72] FISCHKOFF, STEVEN A., US
[72] CHITKARA, DENESH, US
[71] CELULARITY, INC., US
[85] 2018-03-14
[86] 2016-09-14 (PCT/US2016/051571)
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[51] **Int.Cl. A61B 10/04 (2006.01) A61B 17/34 (2006.01) A61M 25/00 (2006.01) A61M 31/00 (2006.01)**
[25] EN
[54] **SPECIALIZED CANNULA FOR TRANS-XIPHOID PERICARDIAL PROCEDURES**
[54] **CANULE SPECIALISEE POUR INTERVENTIONS TRANS-XIPHOIDIENNES PERICARDIQUES**
[72] SPERLING, JASON S., US
[71] CORFIGO, INC., US
[85] 2018-03-14
[86] 2016-09-21 (PCT/US2016/052845)
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[51] **Int.Cl. C12N 15/82 (2006.01) C12N 15/65 (2006.01) C12N 15/74 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TRANSFORMATION COMPRISING NEGATIVE SELECTION MARKERS**
[54] **PROCEDES ET COMPOSITIONS DE TRANSFORMATION COMPRENANT DES MARQUEURS DE SELECTION NEGATIVE**
[72] ANAND, AJITH, US
[72] BASS, STEVEN HENRY, US
[72] GORDON-KAMM, WILLIAM JAMES, US
[72] LOWE, KEITH S., US
[72] SHARPE, PAMELA L., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2018-03-14
[86] 2016-10-11 (PCT/US2016/056375)
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[30] US (62/242,859) 2015-10-16
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[51] **Int.Cl. A61M 15/06 (2006.01) A24F 47/00 (2006.01) A61M 11/04 (2006.01)**
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[54] **RESERVOIR FOR AEROSOL DELIVERY DEVICES**
[54] **RESERVOIR POUR DISPOSITIFS DE DISTRIBUTION D'AEROSOL**
[72] AMPOLINI, FREDERIC, US
[72] SILVEIRA, FRANK S., US
[72] DEPIANO, JOHN, US
[72] DEMAREST, CRAIG, US
[71] RAI STRATEGIC HOLDINGS, INC., US
[85] 2018-03-14
[86] 2016-09-14 (PCT/US2016/051638)
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[51] **Int.Cl. F16G 3/00 (2006.01)**
[25] EN
[54] **MULTIFUNCTIONAL TOOL HAVING A DEVICE FOR ACTUATING A QUICK RELEASE CHAIN FASTENER**
[54] **OUTIL MULTIFONCTION MUNI D'UN DISPOSITIF SERVANT A ACTIONNER UNE ATTACHE RAPIDE POUR CHAINE**
[72] LAUER, SWEN, DE
[71] QCS QUALITY CONSULT SERVICE GMBH, CH
[85] 2018-03-15
[86] 2016-09-13 (PCT/EP2016/071576)
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[25] EN
[54] **SKIN CARE COMPOSITIONS**
[54] **COMPOSITIONS DE SOINS CUTANES**
[72] LE, DZUNG, US
[71] MELALEUCA, INC., US
[85] 2018-03-14
[86] 2016-09-14 (PCT/US2016/051676)
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[13] A1
[51] **Int.Cl. G01N 33/543 (2006.01) G01N 33/552 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **METHODS FOR DIAGNOSING INFECTIOUS DISEASES USING ADSORPTION MEDIA**
[54] **PROCEDES POUR DIAGNOSTIQUER DES MALADIES INFECTIEUSES AU MOYEN DE MILIEUX D'ABSORPTION**
[72] WARD, ROBERT S., US
[72] MCCREA, KEITH R., US
[71] EXTHERA MEDICAL CORPORATION, US
[85] 2018-03-14
[86] 2016-10-14 (PCT/US2016/057121)
[87] (WO2017/066627)
[30] US (14/885,729) 2015-10-16

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[13] A1
[51] **Int.Cl. D21H 19/52 (2006.01) C08B 37/00 (2006.01) C08L 5/00 (2006.01) C08L 29/02 (2006.01) C08L 31/04 (2006.01) C09D 105/00 (2006.01) C09D 129/02 (2006.01) C09D 131/04 (2006.01) D06P 5/02 (2006.01) D06P 5/30 (2006.01) D21H 19/36 (2006.01) D21H 19/62 (2006.01) D21H 21/16 (2006.01)**
[25] EN
[54] **WATER-INSOLUBLE ALPHA-(1,3->GLUCAN) COMPOSITION**
[54] **COMPOSITION D'ALPHA-(1,3->GLUCANE) INSOLUBLE DANS L'EAU**
[72] BEHABTU, NATNAEL, US
[72] LI, XIAOQING, US
[72] WOLFE, MICHAEL STEPHEN, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2018-03-14
[86] 2016-10-24 (PCT/US2016/058453)
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[51] **Int.Cl. B01D 43/00 (2006.01) B01D 49/00 (2006.01) B01D 51/08 (2006.01) B01L 3/00 (2006.01)**
[25] EN
[54] **MULTI-USE ACOUSTIC LEVITATION TRAP**
[54] **PIEGE A LEVITATION ACOUSTIQUE POUR UTILISATION POLYVALENTE**
[72] VINCENT, EMMANUEL, FR
[72] BOHEC, PIERRE, FR
[71] AENITIS TECHNOLOGIES, FR
[85] 2018-03-15
[86] 2016-09-23 (PCT/EP2016/072709)
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[51] **Int.Cl. G10L 19/022 (2013.01) G10L 19/22 (2013.01) G10L 19/02 (2013.01)**
[25] EN
[54] **ENCODER, DECODER AND METHODS FOR SIGNAL-ADAPTIVE SWITCHING OF THE OVERLAP RATIO IN AUDIO TRANSFORM CODING**
[54] **CODEUR, DECODEUR ET PROCEDES POUR LA COMMUTATION AVEC ADAPTATION AU SIGNAL DU RAPPORT DE CHEVAUCHEMENT DANS LE CODAGE AUDIO PAR TRANSFORMATION**
[72] HELMRICH, CHRISTIAN, DE
[72] EDLER, BERND, DE
[72] SCHWEGLER, TOBIAS, DE
[72] SCHUH, FLORIAN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2018-03-15
[86] 2016-09-23 (PCT/EP2016/072739)
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[51] **Int.Cl. G01R 27/28 (2006.01)**
[25] EN
[54] **ASSET LIFE OPTIMIZATION AND MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE ET D'OPTIMISATION DE DUREE DE VIE D'UN ELEMENT**
[72] BAYRAM, YAKUP, US
[72] RUEGE, ALEXANDER, US
[72] KNOWLES, JUSTIN, US
[71] PANERATECH, INC., US
[85] 2018-03-14
[86] 2016-10-28 (PCT/US2016/059469)
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[30] US (62/247,869) 2015-10-29

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[51] **Int.Cl. F01D 25/28 (2006.01) F02C 7/20 (2006.01) F16M 1/04 (2006.01) F16M 5/00 (2006.01)**
[25] EN
[54] **GAS TURBINE AND COMPRESSOR MODULE FOR ON-SHORE LNG PLANTS**
[54] **TURBINE A GAZ ET MODULE COMPRESSEUR POUR USINES A GAZ NATUREL LIQUEFIE A TERRE**
[72] GIANCOTTI, MARCO, IT
[71] NUOVO PIGNONE TECNOLOGIE SRL, IT
[85] 2018-03-15
[86] 2016-09-26 (PCT/EP2016/072872)
[87] (WO2017/055223)
[30] IT (102015000055669) 2015-09-28

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[13] A1
[51] **Int.Cl. G06F 21/84 (2013.01) G06F 21/55 (2013.01)**
[25] FR
[54] **MANAGEMENT OF A DISPLAY OF A VIEW OF AN APPLICATION ON A SCREEN OF AN ELECTRONIC DATA INPUT DEVICE, CORRESPONDING METHOD, DEVICE AND COMPUTER PROGRAM PRODUCT**
[54] **GESTION D'UN AFFICHAGE D'UNE VUE D'UNE APPLICATION SUR UN ECRAN D'UN DISPOSITIF ELECTRONIQUE DE SAISIE DE DONNEES, PROCEDE, DISPOSITIF ET PRODUIT PROGRAMME D'ORDINATEUR CORRESPONDANTS**
[72] GERAUD, REMI, FR
[72] KOUDOUSSI, HIBA, FR
[71] INGENICO GROUP, FR
[85] 2018-03-15
[86] 2016-09-15 (PCT/EP2016/071897)
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[30] FR (1558647) 2015-09-15

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[13] A1
[51] **Int.Cl. F16M 11/10 (2006.01) F16M 11/20 (2006.01)**
[25] FR
[54] **HINGED DEVICE HAVING A FREE END INTENDED TO SUPPORT A CANTILEVERED LOAD**
[54] **DISPOSITIF ARTICULE COMPORTANT UNE EXTREMITE LIBRE DESTINEE A SUPPORTER UNE CHARGE EN PORTE-A-FAUX**
[72] DELAMOUR, DOMINIQUE, FR
[71] CHENE, RICHARD, FR
[71] DELAMOUR, DOMINIQUE, FR
[71] MIKLITARIAN, ALAIN, FR
[85] 2018-03-15
[86] 2016-09-16 (PCT/EP2016/071931)
[87] (WO2017/046303)
[30] FR (1558703) 2015-09-16

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[51] **Int.Cl. E05F 15/00 (2015.01) E05F 15/40 (2015.01) E05F 15/43 (2015.01) E05F 15/70 (2015.01) E05F 15/78 (2015.01) G08B 13/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SAFETY MANAGEMENT IN ROLL-UP DOORS**
[54] **SYSTEME ET PROCEDE DE GESTION DE SECURITE DANS DES RIDEAUX**
[72] GREGORIOU, DANIEL, US
[71] RYTEC CORPORATION, US
[85] 2018-03-14
[86] 2016-09-14 (PCT/US2016/051721)
[87] (WO2017/048834)
[30] US (62/218,328) 2015-09-14
[30] US (15/264,179) 2016-09-13

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[13] A1
[51] **Int.Cl. H04L 12/26 (2006.01) H04L 12/24 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **NETWORK ENTITY FOR MONITORING A PLURALITY OF PROCESSES OF A COMMUNICATION SYSTEM**
[54] **ENTITE DE RESEAU POUR LA SURVEILLANCE D'UNE PLURALITE DE PROCESSUS D'UN SYSTEME DE COMMUNICATION**
[72] BERNHOLD, CHRISTIAN, DE
[72] KALESSE, DOMINIK, DE
[71] DEUTSCHE TELEKOM AG, DE
[85] 2018-03-15
[86] 2016-09-16 (PCT/EP2016/071961)
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[30] DE (10 2015 115 898.1) 2015-09-21

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[51] **Int.Cl. B25J 15/00 (2006.01) B65G 47/90 (2006.01)**
[25] EN
[54] **EVERTING END EFFECTOR FOR USE WITH AN ARTICULATED ARM IN A ROBOTIC SYSTEM**
[54] **EFFECTEUR TERMINAL A EVERSION A UTILISER AVEC UN BRAS ARTICULE DANS UN SYSTEME ROBOTISE**
[72] WAGNER, THOMAS, US
[72] AHEARN, KEVIN, US
[72] DAWSON-HAGGERTY, MICHAEL, US
[72] GEYER, CHRISTOPHER, US
[72] KOLETSCHKA, THOMAS, US
[72] MARONEY, KYLE, US
[72] MASON, MATTHEW T., US
[72] PRICE, GENE TEMPLE, US
[72] ROMANO, JOSEPH, US
[72] SMITH, DANIEL, US
[72] SRINIVASA, SIDDHARTHA, US
[72] VELAGAPUDI, PRASANNA, US
[72] ALLEN, THOMAS, US
[71] BERKSHIRE GREY INC., US
[85] 2018-03-14
[86] 2016-09-15 (PCT/US2016/051922)
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[30] US (62/218,799) 2015-09-15

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[51] **Int.Cl. B29C 47/12 (2006.01) B29C 47/08 (2006.01) B29C 47/92 (2006.01) B29C 47/00 (2006.01)**
[25] EN
[54] **DEVICE FOR PRODUCING PLASTIC PIPES**
[54] **DISPOSITIF DE FABRICATION DE TUYAUX EN PLASTIQUE**
[72] HOFMANN, GUNTHER, DE
[71] UNICOR GMBH, DE
[85] 2018-03-15
[86] 2016-09-16 (PCT/EP2016/072037)
[87] (WO2017/046368)
[30] DE (10 2015 115 827.2) 2015-09-18

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[51] **Int.Cl. A61K 31/554 (2006.01) C07D 281/16 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **HEPATITIS B CORE PROTEIN MODULATORS**
[54] **MODULATEURS DES PROTEINES DU NOYAU DE L'HEPATITE B**
[72] TURNER, WILLIAM, US
[72] ARNOLD, LEE DANIEL, US
[72] MAAG, HANS, DE
[72] BURES, MARK, US
[71] ASSEMBLY BIOSCIENCES, INC., US
[71] INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION, US
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[54] **OUTIL POUR RUGOSIFIER LA SURFACE D'UN TROU DE FORAGE**
[72] RENNER, MARKUS, DE
[72] POPP, FRANZ, DE
[72] LEDERLE, HANS-PETER, DE
[72] STROBEL-SCHMIDT, RAINER, DE
[72] OSTERMEIER, PETER, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
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[54] **PROSTHESIS DEVICE**
[54] **ENSEMBLE PROTHESE**
[72] KALMAR, JANOS, AT
[72] PAWLIK, ROLAND, AT
[72] FUCHS, FLORIAN, AT
[71] OTTO BOCK HEALTHCARE PRODUCTS GMBH, AT
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[54] **SEMICONDUCTOR SWITCHING STRING**
[54] **CHAINE DE COMMUTATION A SEMI-CONDUCTEUR**
[72] VERSHININ, KONSTANTIN, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[54] **FUSED PYRAZOLE DERIVATIVES AS KINASE INHIBITORS**
[54] **DERIVES DE PYRAZOLE CONDENSES EN TANT QU'INHIBITEURS DE KINASE**
[72] FORD, DANIEL JAMES, GB
[72] HORSLEY, HELEN TRACEY, GB
[72] REUBERSON, JAMES THOMAS, GB
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, K.U.LEUVEN R&D, BE
[71] UCB BIOPHARMA SPRL, BE
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[54] **HEPATITIS B CORE PROTEIN MODULATORS**
[54] **MODULATEURS DES PROTEINES DU NOYAU DE L'HEPATITE B**
[72] TURNER, WILLIAM, US
[72] MAAG, HANS, DE
[72] FRANCIS, SAMSON, US
[71] ASSEMBLY BIOSCIENCES, INC., US
[71] INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION, US
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[54] **ANTIFUNGAL COMPOUNDS AND PROCESSES FOR MAKING**
[54] **COMPOSES ANTIFONGIQUES ET PROCEDES DE PREPARATION**
[72] WIRTH, DAVID DALE, US
[72] YATES, CHRISTOPHER M., US
[71] VPS-3, INC., US
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[54] **COMPOUNDS AND COMPOSITIONS FOR INTRACELLULAR DELIVERY OF THERAPEUTIC AGENTS**
[54] **COMPOSES ET COMPOSITIONS POUR L'ADMINISTRATION INTRACELLULAIRE D'AGENTS THERAPEUTIQUES**
[72] BENENATO, KERRY E., US
[72] KUMARASINGHE, ELLALAHEWAGE SATHYAJITH, US
[72] CORNEBISE, MARK, US
[71] MODERNATX, INC., US
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[25] EN
[54] **FLOW CELLS UTILIZING SURFACE-ATTACHED STRUCTURES, AND RELATED SYSTEMS AND METHODS**
[54] **CUVES A CIRCULATION FAISANT INTERVENIR DES STRUCTURES FIXEES EN SURFACE, ET SYSTEMES ET PROCEDES ASSOCIES**
[72] SPERO, RICHARD CHASEN, US
[72] FISHER, JAY KENNETH, US
[72] SUPERFINE, RICHARD, US
[71] RHEOMICS INC., US
[85] 2018-03-14
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[54] **DISPENSING CAPSULE**
[54] **CAPSULE DE DISTRIBUTION**
[72] TURNER, JEREMY, NZ
[71] TRISTEL PLC, GB
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[54] **MONITORING OF LINED PIPELINE**
[54] **SURVEILLANCE D'UNE CANALISATION CHEMISEE**
[72] BARNES, STEPHEN, GB
[71] PIONEER LINING TECHNOLOGY LIMITED, GB
[85] 2018-03-15
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[54] **GRID SENSOR SYSTEM FOR CHARACTERIZING A FLUID FLOW**
[54] **SYSTEME DE CAPTEUR MATRICIEL POUR LA CARACTERISATION D'UN FLUX FLUIDIQUE**
[72] SCHLEICHER, ECKHARD, DE
[72] TSCHOFEN, MARTIN, DE
[72] PIETRUSKE, HEIKO, DE
[71] HELMHOLTZ-ZENTRUM DRESDEN - ROSSENDORF E. V., DE
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[25] EN
[54] **EXPRESSION OF RECOMBINANT PROTEINS IN TRICHOPLUSIA NI PUPAE**
[54] **EXPRESSION DE PROTEINES RECOMBINEES DANS DES CHRYSALIDES DE TRICHOPLUSIA NI**
[72] MARTINEZ ESCRIBANO, JOSE ANGEL, ES
[72] ALVARADO FRADUA, CARMEN, ES
[72] REYTOR SAAVEDRA, EDEL, ES
[72] CID FERNANDEZ, MIGUEL, ES
[71] ALTERNATIVE GENE EXPRESSION,S.L., ES
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[54] **MULTIPLE INPUT TOUCH DIMMER LIGHTING CONTROL**
[54] **COMMANDE D'ECLAIRAGE A GRADATEUR TACTILE A ENTREES MULTIPLES**
[72] O'DRISCOLL, DAVID, AU
[72] MOFFAT, NATHAN, AU
[72] CARTER, TRENT, AU
[71] BRIGHTGREEN PTY LTD, AU
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[86] 2016-08-01 (PCT/IB2016/054608)
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[25] EN
[54] **MODULATORS OF INDOLEAMINE 2,3-DIOXYGENASE**
[54] **MODULATEURS D'INDOLAMINE 2,3-DIOXYGENASE**
[72] CHONG, PEK YOKE, US
[72] DE LA ROSA, MARTHA, US
[72] DICKSON, HAMILTON, US
[72] KAZMIERSKI, WIESLAW MIECZYSLAW, US
[72] SAMANO, VICENTE, US
[72] TAI, VINCENT WING-FAI, US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB
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[51] **Int.Cl. C07D 213/74 (2006.01) A61K 31/421 (2006.01) A61K 31/426 (2006.01) A61K 31/433 (2006.01) A61K 31/44 (2006.01) A61P 31/18 (2006.01) C07D 235/30 (2006.01) C07D 239/42 (2006.01) C07D 241/20 (2006.01) C07D 253/06 (2006.01) C07D 263/48 (2006.01) C07D 263/58 (2006.01) C07D 277/82 (2006.01) C07D 285/00 (2006.01) C07D 307/66 (2006.01) C07D 309/14 (2006.01) C07D 333/20 (2006.01)**
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[54] **MODULATORS OF INDOLEAMINE 2,3-DIOXYGENASE**
[54] **MODULATEURS D'INDOLAMINE 2,3-DIOXYGENASE**
[72] CHONG, PEK YOKE, US
[72] DE LA ROSA, MARTHA, US
[72] DICKSON, HAMILTON, US
[72] KAZMIERSKI, WIESLAW MIECZYSLAW, US
[72] SAMANO, VICENTE, US
[72] TAI, VINCENT WING-FAI, US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB
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[86] 2016-09-22 (PCT/IB2016/055675)
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[54] **COMPOUNDS WITH HIV MATURATION INHIBITORY ACTIVITY**
[54] **COMPOSES A ACTIVITE INHIBITRICE DE LA MATURATION DU VIH**
[72] JOHNS, BRIAN ALVIN, US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB
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[86] 2016-09-22 (PCT/IB2016/055676)
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[51] **Int.Cl. F02D 9/02 (2006.01)**
[25] EN
[54] **CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE AND CONTROL METHOD FOR INTERNAL COMBUSTION ENGINE**
[54] **DISPOSITIF DE COMMANDE POUR MOTEUR A COMBUSTION INTERNE ET PROCEDE DE COMMANDE POUR MOTEUR A COMBUSTION INTERNE**
[72] HAMAMOTO, TAKAYUKI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-03-15
[86] 2015-09-18 (PCT/JP2015/076697)
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[54] **UNINTERRUPTIBLE POWER SUPPLY SYSTEM**
[54] **DISPOSITIF D'ALIMENTATION ELECTRIQUE SANS COUPURE**
[72] OHNISHI, KEISUKE, JP
[72] ABE, SHOICHI, JP
[72] INOUE, FUMIHIKO, JP
[71] TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION, JP
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[51] **Int.Cl. C09C 1/30 (2006.01) B05D 1/36 (2006.01) C01B 33/145 (2006.01) C08F 2/44 (2006.01) C09C 3/10 (2006.01) C09C 3/12 (2006.01) C09D 133/00 (2006.01) C09D 201/06 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING ACRYLIC RESIN-COATED SILICA PARTICLE DISPERSION**
[54] **PROCEDE DE PRODUCTION D'UNE DISPERSION DE PARTICULES DE SILICE ENROBEES D'UNE RESINE ACRYLIQUE**
[72] WATANABE, KAZUYA, JP
[72] NAGAI, AKINORI, JP
[71] KANSAI PAINT CO., LTD., JP
[85] 2018-03-15
[86] 2016-09-08 (PCT/JP2016/076504)
[87] (WO2017/051718)
[30] JP (2015-186239) 2015-09-24

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[51] **Int.Cl. H01M 8/12 (2016.01) H01M 4/86 (2006.01) H01M 8/02 (2016.01)**
[25] EN
[54] **METAL-SUPPORTED ELECTROCHEMICAL ELEMENT, SOLID OXIDE FUEL CELL AND METHOD OF MANUFACTURING SUCH METAL-SUPPORTED ELECTROCHEMICAL ELEMENT**
[54] **ELEMENT ELECTROCHIMIQUE DU TYPE A SUPPORT METALLIQUE, ET PROCEDE DE FABRICATION DE PILE A COMBUSTIBLE DU TYPE A OXYDE SOLIDE ET D'ELEMENT ELECTROCHIMIQUE DU TYPE A SUPPORT METALLIQUE**
[72] ECHIGO, MITSUAKI, JP
[72] OHNISHI, HISAO, JP
[72] MANABE, KYOHEI, JP
[72] YAMAZAKI, OSAMU, JP
[72] MINAMI, KAZUYUKI, JP
[72] TSUDA, YUJI, JP
[71] OSAKA GAS CO., LTD., JP
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[51] **Int.Cl. D02J 1/18 (2006.01) C08J 5/06 (2006.01) D04H 1/74 (2006.01)**
[25] EN
[54] **FIBER STRUCTURE FOR FIBER REINFORCED COMPOSITE MATERIAL, METHOD FOR MANUFACTURING FIBER STRUCTURE FOR FIBER REINFORCED COMPOSITE MATERIAL, AND FIBER REINFORCED COMPOSITE MATERIAL**
[54] **STRUCTURE DE FIBRE POUR MATERIAU COMPOSITE RENFORCE DE FIBRES, PROCEDE DE FABRICATION DE STRUCTURE DE FIBRE POUR MATERIAU COMPOSITE RENFORCE DE FIBRES, ET MATERIAU COMPOSITE RENFORCE DE FIBRES**
[72] YOSHIKAWA, GENKI, JP
[72] KAMIYA, RYUTA, JP
[71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[85] 2018-03-15
[86] 2016-09-14 (PCT/JP2016/077169)
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[51] **Int.Cl. G01F 1/00 (2006.01) G01F 3/10 (2006.01) G01F 15/06 (2006.01)**
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[54] **INSTRUMENTATION DEVICE HAVING PULSE OUTPUT FUNCTION**
[54] **DISPOSITIF D'INSTRUMENTATION DOTE D'UNE FONCTION DE SORTIE D'IMPULSIONS**
[72] KITANO, TETSUSHI, JP
[72] NAKAYAMA, NORIAKI, JP
[72] TANABU, YOSHIMINE, JP
[72] WASHIO, KENJI, JP
[71] OVAL CORPORATION, JP
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[51] **Int.Cl. E21B 29/00 (2006.01)**
[25] EN
[54] **MINI-SEVERING AND BACK-OFF TOOL WITH PRESSURE BALANCED EXPLOSIVES**
[54] **MINI-SEPARATION ET OUTIL DE DEGAGEMENT AVEC DES EXPLOSIFS A PRESSION EQUILIBREE**
[72] BELL, WILLIAM T., US
[72] RAIRIGH, JAMES G., US
[71] BELL, WILLIAM T., US
[71] RAIRIGH, JAMES G., US
[85] 2018-03-15
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[25] EN
[54] **DETECTING KEY TOPICS ON ONLINE SOCIAL NETWORKS**
[54] **DETECTION DE SUJETS DECISIFS SUR DES RESEAUX SOCIAUX EN LIGNE**
[72] FRENKEL, DANIEL, US
[72] DATTA, ASHIM, US
[72] KAUDER, BRYAN, US
[71] FACEBOOK, INC., US
[85] 2018-03-15
[86] 2015-09-21 (PCT/US2015/051231)
[87] (WO2017/048297)
[30] US (14/858,366) 2015-09-18

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[54] **DIFFERENTIALLY PRIVATE PROCESSING AND DATABASE STORAGE**
[54] **TRAITEMENT DIFFERENTIELLEMENT PRIVE ET STOCKAGE DE BASE DE DONNEES**
[72] NERURKAR, ISHAAN, US
[72] HOCKENBROCHT, CHRISTOPHER, US
[72] SHAUGHNESSY, MICHAEL, US
[72] CHATAV, EITAN, US
[71] LEAPYEAR TECHNOLOGIES, INC., US
[85] 2018-03-15
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[30] US (62/249,938) 2015-11-02
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[51] **Int.Cl. A61N 5/06 (2006.01)**
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[54] **APPARATUS FOR PROVIDING LIGHT THERAPY**
[54] **APPAREIL POUR FOURNIR UNE PHOTOTHERAPIE**
[72] KNIGHT, JUDITH DARLENE, US
[71] BLU ROOM ENTERPRISES, LLC, US
[85] 2018-03-15
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[30] US (14/861,915) 2015-09-22

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[25] EN
[54] **DETECTING LOCATION WITHIN A NETWORK**
[54] **DETECTION DE POSITION AU SEIN D'UN RESEAU**
[72] WOOTTON, JOHN, US
[72] WOOTTON, MATTHEW, US
[72] NISSMAN, CHRIS, US
[72] PRESTON, VICTORIA, US
[72] CLARK, JONATHAN, US
[72] MCKINNEY, JUSTIN, US
[72] BARNES, CLAIRE, US
[71] IVANI, LLC, US
[85] 2018-03-15
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[30] US (62/219,457) 2015-09-15
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[25] EN
[54] **ETHOXYLATED AMINES FOR USE IN SUBTERRANEAN FORMATIONS**
[54] **AMINES ETHOXYLEES DESTINEES A ETRE UTILISEES DANS DES FORMATIONS SOUTERRAINES**
[72] PENG, YANG, US
[72] YUE, ZHIWEI, US
[72] HE, KAI, US
[72] RANE, JAYANT, US
[72] XU, LIANG, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ELEMENT DE PROTECTION DE CABLE SANS ATTACHES ET SYSTEME D'INSTALLATION**
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[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **INTEGRATED NEEDLE AND CANNULA FOR PLASTIC SURGERY**
[54] **AIGUILLE ET CANULE INTEGREES POUR CHIRURGIE PLASTIQUE**
[72] PERSONS, BARBARA, US
[71] PERSONS, BARBARA, US
[85] 2018-03-15
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[25] EN
[54] **SHARP AND EROSION RESISTANCE DEGRADABLE MATERIAL FOR SLIP BUTTONS AND SLIDING SLEEVE BAFFLES**
[54] **MATERIAU TRANCHANT ET RESISTANT A L'EROSION DEGRADABLE POUR BOUTONS GLISSANTS ET DEFLECTEURS DE MANCHON COULISSANT**
[72] FRIPP, MICHAEL L., US
[72] WALTON, ZACH, US
[72] FROSELL, THOMAS, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **DRAINAGE TRAY FOR A HEAT PUMP**
[54] **BAC DE DRAINAGE POUR POMPE A CHALEUR**
[72] ANDERSSON, MATS, SE
[71] CLIMACO HOLDING AB, SE
[85] 2018-03-15
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[54] **SINGLE-USE MULTI-LAYERED TICKET AND REDEEMING TECHNIQUE**
[54] **BILLET MULTICOUCHE A USAGE UNIQUE ET TECHNIQUE DE REMBOURSEMENT**
[72] RYANN, WILLIAM F., US
[72] URIBE, FAUSTO, US
[71] BITNOTE, INC., US
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[54] **PONDING WATER DETECTION ON SATELLITE IMAGERY**
[54] **DETECTION D'ACCUMULATION D'EAU SUR UNE IMAGERIE SATELLITE**
[72] WEI, GUAN, US
[72] KHADKA, PRAMITHUS, US
[71] THE CLIMATE CORPORATION, US
[85] 2018-03-15
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[54] **SPONGE CLEANING AND DISINFECTING DEVICE**
[54] **DISPOSITIF DE NETTOYAGE ET DE DESINFECTION D'EPONGE**
[72] MAITLAND, TOD, US
[72] FLANNERY, MATTHEW, US
[72] LOGAN, JOSEPH, US
[71] SPONGEBATH LLC, US
[85] 2018-03-15
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[54] **IMPROVED DESIGN OF AN ETHYLENE OLIGOMERIZATION/TRIMERIZATION/TETRAMERIZATION REACTOR**
[54] **CONCEPTION AMELIOREE D'UN REACTEUR D'OLIGOMERISATION/TRIMERISATION/TETRAMERISATION D'ETHYLENE**
[72] KREISCHER, BRUCE, US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2018-03-15
[86] 2016-09-13 (PCT/US2016/051501)
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[54] **DEVICES FOR PREVENTING THE FORMATION OF BIOFILMS IN BOTTLED WATER DISPENSERS**
[54] **DISPOSITIFS PERMETTANT DE PREVENIR LA FORMATION DE BIOFILMS DANS DES DISTRIBUTEURS D'EAU EN BOUTEILLE**
[72] YUI, ANDREI, CA
[72] YUI, GEORGE, CA
[71] YUI, ANDREI, CA
[85] 2018-03-14
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[54] **PUSH-TO-CONNECT JOINT ASSEMBLY WITH PROTECTIVE SHIELD DEVICE AND METHOD**
[54] **ENSEMBLE JOINT A CONNEXION PAR PRESSION COMPRENANT UN DISPOSITIF D'ECRAN DE PROTECTION ET PROCEDE**
[72] CROMPTON, DAVID B., US
[72] DIAS, LIBARDO O., US
[72] BOUCHARD, HERBERT J., US
[71] QUICK FITTING, INC., US
[85] 2018-03-15
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[25] EN
[54] **METHOD FOR EXCAVATING A MUD LINE CELLAR FOR SUBSEA WELL DRILLING**
[54] **PROCEDE DE CREUSEMENT D'UNE CAVE DE LIGNE DES BOUES POUR FORAGE DE PUITS SOUS-MARINS**
[72] DEUL, HANS H.J., US
[72] O'NEILL, PATRICK, US
[72] VAN KUILENBURG, ROBERT, US
[72] SIBREL, MATTHEW, US
[71] NOBLE DRILLING SERVICES INC., US
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[25] EN
[54] **CHEMICAL IMBIBITION BY GELS CONTAINING SURFACTANTS FOR FRACTURED CARBONATE RESERVOIRS**
[54] **IMBIBITION CHIMIQUE PAR DES GELS CONTENANT DES TENSIOACTIFS POUR DES RESERVOIRS FRACTURES DE CARBONATE**
[72] HAN, MING, SA
[72] WANG, JINXUN, SA
[72] CAO, DONGQING, CN
[72] AL-BOQMI, ABDULLAH, SA
[72] ALSHEHRI, AMAR J., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2018-03-15
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[25] EN
[54] **MANUFACTURING METHOD OF AN IMMUNOTHERAPEUTIC FORMULATION COMPRISING A RECOMBINANT LISTERIA STRAIN**
[54] **PROCEDE DE FABRICATION D'UNE FORMULATION IMMUNOTHERAPEUTIQUE COMPRENANT UNE SOUCHE DE LISTERIA DE RECOMBINAISON**
[72] WALLECHA, ANU, US
[72] PATERSON, YVONNE, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[71] ADVAXIS, INC., US
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[86] 2016-09-13 (PCT/US2016/051525)
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[54] **SYSTEM AND METHOD FOR CONTROLLING THE HARSHNESS OF NICOTINE-BASED DRY POWDER FORMULATIONS**
[54] **SYSTEME ET PROCEDE POUR REGULER L'APRETE DE FORMULATIONS DE POUDRES SECHES DE NICOTINE**
[72] STENZLER, ALEX, US
[72] ZAMEL, NOE, CA
[72] SLUTSKY, ARTHUR, CA
[72] ELLIS, STEVEN, CA
[72] HAN, STEVE, US
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR INDUCING AND ENHANCING AN IMMUNE RESPONSE AGAINST INFECTIONS, DISEASES, AND DISORDERS**
[54] **COMPOSITIONS ET METHODES PERMETTANT D'INDUIRE ET D'AMELIORER UNE REPONSE IMMUNITAIRE**
[72] WATERS, CHRISTOPHER, US
[72] AMALFITANO, ANDREA, US
[71] BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY, US
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[54] **INTEGRATED MULTI-CHAMBER HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR A CHAMBRES MULTIPLES INTEGRE**
[72] VOS, DAVID L., US
[72] ALDERFER, RYAN M., US
[72] STUTZMAN, RANDALL J., US
[72] MILLER, MATTHEW DANIEL, US
[71] LOCKHEED MARTIN CORPORATION, US
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[25] EN
[54] **POWER DISTRIBUTION NETWORKS FOR ELECTROCHROMIC DEVICES**
[54] **RESEAUX DE DISTRIBUTION D'ENERGIE POUR DISPOSITIFS ELECTROCHROMIQUES**
[72] VIGANO, JOSE, US
[72] BROWN, STEPHEN C., US
[72] SHRIVASTAVA, DHAIRYA, US
[72] KANESHIRO, KEVIN KAZUO, US
[71] VIEW, INC., US
[85] 2018-03-15
[86] 2016-09-16 (PCT/US2016/052211)
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[54] **ANGIOTENSIN (1-7) ANALOGS AND METHODS RELATING THERETO**
[54] **ANALOGUES D'ANGIOTENSINE (1-7) ET PROCEDES ASSOCIES**
[72] GALLAGHER, PATRICIA, US
[72] TALLANT, ANN, US
[72] YOHANNES, DANIEL, US
[72] GRUBER, KENNETH A., US
[71] WAKE FOREST UNIVERSITY HEALTH SCIENCES, US
[71] TENSIVE CONTROLS, INC., US
[85] 2018-03-15
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[54] **MULTI-PHASE RELEASE OF SPORTS NUTRITION AND ENERGY DRINK COMPOSITIONS UTILIZING LIPID PARTICULATES**
[54] **LIBERATION A PHASES MULTIPLES DE COMPOSITIONS DE NUTRITION SPORTIVE ET DE BOISSON ENERGETIQUE GRACE A DES PARTICULES LIPIDIQUES**
[72] WHITE, TYLER O., US
[71] CORR-JENSEN, INC., US
[85] 2018-03-15
[86] 2016-09-14 (PCT/US2016/051758)
[87] (WO2017/048859)
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[25] EN
[54] **POSITION SENSOR MOUNTS FOR A DIAGNOSTIC SYSTEM FOR FLUID CONTROL VALVES**
[54] **SUPPORTS DE CAPTEURS DE POSITION POUR UN SYSTEME DIAGNOSTIC DESTINE A DES SOUPAPES DE COMMANDE DE FLUIDE**
[72] NELSON, PHILIP D., US
[72] IMSLAND, THOMAS A., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2018-03-15
[86] 2016-09-16 (PCT/US2016/052110)
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[54] **IMPROVED ADJUVANTS FOR AGRICULTURAL CHEMICALS**
[54] **ADJUVANTS AMELIORES POUR PRODUITS CHIMIQUES AGRICOLES**
[72] FLEMMENS, MICHAEL S., US
[72] LOTZ, CLAIRE, US
[72] GRAY, VICTORIA, US
[72] AKINS, MAUREEN, US
[72] NIETO, MARCELIANO, US
[71] ATTUNE AGRICULTURE, LLC, US
[85] 2018-03-15
[86] 2016-09-16 (PCT/US2016/052220)
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[51] **Int.Cl. C07C 13/66 (2006.01) C07C 15/38 (2006.01) C07D 309/10 (2006.01) C07D 309/14 (2006.01)**
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[54] **DNA BINDING AGENTS WITH A MINOR GROOVE BINDING TAIL**
[54] **AGENTS LIANT L'ADN AVEC UNE QUEUE SE LIANT AU SILLON MINEUR**
[72] PRIEBE, WALDEMAR, US
[72] GUO, LIWEI, US
[72] KAZIMIERSKI, ARKADIUSZ, US
[72] FOKT, IZABELA, US
[72] CONRAD, CHARLES (DECEASED), US
[72] MADDEN, TIMOTHY, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2018-03-15
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[25] EN
[54] **CARBOXYLIC DIARYLTHIAZEPINEAMINES AS MU-OPIOID RECEPTOR AGONISTS**
[54] **DIARYLTHIAZEPINEAMINES CARBOXYLIQUES UTILES EN TANT QU'AGONISTES DU RECEPTEUR OPIOIDE MU**
[72] KRUEGEL, ANDREW, US
[72] SAMES, DALIBOR, US
[72] WULF, MADALEE G., US
[72] JAVITCH, JONATHAN A., US
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
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[54] **T CELL RECEPTORS RECOGNIZING HLA-CW8 RESTRICTED MUTATED KRAS**
[54] **RECEPTEURS DE LYMPHOCYTES T RECONNAISSANT LES GENES KRAS MUTES LIMITES EN HLA-CW8**
[72] TRAN, ERIC, US
[72] LU, YONG-CHEN, US
[72] ROSENBERG, STEVEN A., US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2018-03-15
[86] 2016-09-09 (PCT/US2016/050875)
[87] (WO2017/048593)
[30] US (62/218,688) 2015-09-15

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[51] **Int.Cl. A61K 31/19 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF USE OF .BETA.-HYDROXY-.BETA.-METHYLBUTYRATE (HMB) FOR ENHANCING RECOVERY FROM SOFT TISSUE TRAUMA**
[54] **COMPOSITIONS ET PROCEDES D'UTILISATION DE BUTYRATE DE SS-HYDROXY-SS-METHYLE (HMB) POUR AMELIORER LA RECUPERATION APRES UN TRAUMATISME D'UN TISSU MOU**
[72] BAIER, SHAWN, US
[72] ABUMRAD, NAJI, US
[72] HARRIS, EMILY, US
[71] METABOLIC TECHNOLOGIES, INC., US
[85] 2018-03-15
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[30] US (62/219,208) 2015-09-16

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[54] **METHODS AND COMPOSITIONS FOR DETECTING MYCOTOXINS**
[54] **PROCEDES ET COMPOSITIONS POUR DETECTER DES MYCOTOXINES**
[72] HOOPER, DENNIS G., US
[71] ADVATECT DIAGNOSTICS, LLC, US
[85] 2018-03-15
[86] 2016-09-16 (PCT/US2016/052189)
[87] (WO2017/049120)
[30] US (62/220,125) 2015-09-17

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[51] **Int.Cl. F16B 12/26 (2006.01) F16B 12/44 (2006.01)**
[25] EN
[54] **PANELS COMPRISING A MECHANICAL LOCKING DEVICE AND AN ASSEMBLED PRODUCT COMPRISING THE PANELS**
[54] **PANNEAUX COMPORTANT UN DISPOSITIF DE VERROUILLAGE MECANIQUE ET PRODUIT ASSEMBLE COMPORTANT LES PANNEAUX**
[72] DERELOV, PETER, SE
[72] NILSSON, MATS, SE
[71] VALINGE INNOVATION AB, SE
[85] 2018-03-15
[86] 2016-09-21 (PCT/SE2016/050887)
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[30] SE (1551211-4) 2015-09-22

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[25] EN
[54] **STERILIZING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE STERILISATION**
[72] BAKER, MICHAEL, US
[72] RUSSELL, JOHN D., US
[72] SUCKOW, SHELBY, US
[72] CHARLEBOIS, PAUL, CA
[72] DRLIK, MARK SASHA, CA
[72] MCMECHAN, CHRISTIAN TERRY PROCH, CA
[71] BAKER GROUP, LLP, US
[85] 2018-03-15
[86] 2016-09-14 (PCT/US2016/051774)
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[30] US (62/283,950) 2015-09-15

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[51] **Int.Cl. G01B 11/28 (2006.01) F01D 5/00 (2006.01) F01D 21/00 (2006.01) G01B 11/14 (2006.01) G01B 11/22 (2006.01) G01B 11/24 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MEASURING FEATURES ON OR NEAR AN OBJECT**
[54] **PROCEDE ET DISPOSITIF DE MESURE D'ELEMENTS SUR OU A PROXIMITE D'UN OBJET**
[72] BENDALL, CLARK ALEXANDER, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-03-15
[86] 2016-09-22 (PCT/US2016/053000)
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[30] US (62/232,866) 2015-09-25
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[25] EN
[54] **MOLYBDENUM DISULFIDE AND RELATED MATERIALS FOR WATER TREATMENT**
[54] **DISULFURE DE MOLYBDENE ET MATERIAUX APPARENTES POUR TRAITEMENT DE L'EAU**
[72] LIU, CHONG, US
[72] CUI, YI, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2018-03-15
[86] 2016-09-21 (PCT/US2016/052937)
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[30] US (62/221,451) 2015-09-21

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[25] EN
[54] **AN ANTISCALE DISPERSANT COMPOSITION AND USE THEREOF**
[54] **COMPOSITION DE DISPERSANT ANTI-TARTRE ET SON UTILISATION**
[72] HAN, LINGFENG, CN
[72] TONG, YINYIN, CN
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[54] **PROCEDE DE FABRICATION D'ACIDE PHOSPHORIQUE PAR VOIE HUMIDE ET DE PRODUCTION INTERMEDIAIRE D'ALPHA-GYPSE SEMI-HYDRATE ET D'ALPHA-GYPSE SEMI-HYDRATE DE GRANDE PURETE ET DE GRANDE BLANCHEUR**
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[54] **PROCEDE DE PRODUCTION D'ACIDE PHOSPHORIQUE ET DE PRODUCTION INTERMEDIAIRE D'ALPHA-GYPSE SEMI-HYDRATE PAR TRAITEMENT PAR VOIE HUMIDE**
[72] HU, ZHAOPING, CN
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[54] **NANOPARTICULES NON VESICULAIRES HAUTEMENT STABLES ET APPLICATION DE CELLES-CI DANS LE TRAITEMENT D'UNE INFECTION MICROBIENNE**
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[71] WOTER SAS, FR
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[25] FR
[54] **DEVICE FOR DE-ICING AN AIRCRAFT TURBOJET ENGINE NACELLE AIR INTAKE LIP**
[54] **DISPOSITIF DE DEGIVRAGE POUR LEVRE D'ENTREE D'AIR DE NACELLE DE TURBOREACTEUR D'AERONEF**
[72] MAALIOUNE, HAKIM, FR
[72] GONIDEC, PATRICK, FR
[72] RAMI, JEAN-PAUL, FR
[71] SAFRAN NACELLES, FR
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[25] FR
[54] **MAGNET-BEARING ROTOR WITH A ONE-PIECE FRAME FOR A WHEEL MOTOR**
[54] **ROTOR PORTE-AIMANTS A CHASSIS MONOBLOC POUR MOTEUR-ROUE**
[72] SCHEER, DANIEL, FR
[72] DUMAS, PIERRE, FR
[72] VERDIER, LAURENT, FR
[71] LOHR ELECTROMECANIQUE, FR
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[25] EN
[54] **SYSTEMS AND METHODS FOR OBJECT TRACKING AND LOCALIZATION IN VIDEOS WITH ADAPTIVE IMAGE REPRESENTATION**
[54] **SYSTEMES ET PROCEDES POUR LE SUIVI ET LA LOCALISATION D'OBJET DANS DES VIDEOS AVEC UNE REPRESENTATION D'IMAGE ADAPTATIVE**
[72] ROSHTKHARI JAVAN, MEHRSAN, CA
[72] ZHAI, MENGYAO, CA
[72] MORI, GREGORY PETER, CA
[71] SPORTLOGIQ INC., CA
[85] 2018-03-16
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[54] **ELECTRONIC DEVICE FOR WIRELESS COMMUNICATIONS, AND WIRELESS COMMUNICATION METHOD**
[54] **DISPOSITIF ELECTRONIQUE POUR DES COMMUNICATIONS SANS FIL, ET PROCEDE DE COMMUNICATIONS SANS FIL**
[72] ZHANG, ZAICHEN, CN
[72] ZENG, RONG, CN
[72] WEI, YUXIN, CN
[72] SUN, CHEN, CN
[71] SONY CORPORATION, JP
[85] 2018-03-16
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[54] **UTILISATION DE TRIENTINE POUR DELIVRER DU CUIVRE A UN TISSU ISCHEMIQUE**
[72] KANG, YUJIAN JAMES, CN
[71] INNOLIFE CO., LTD., CN
[85] 2018-03-16
[86] 2016-09-23 (PCT/CN2016/099852)
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[51] **Int.Cl. H04L 12/26 (2006.01) H04L 12/40 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MONITORING CONTROL SYSTEMS**
[54] **PROCEDE ET DISPOSITIF DE SURVEILLANCE DE SYSTEMES DE COMMANDE**
[72] MENSCHNER, MARTIN, DE
[71] RHEBO GMBH, DE
[85] 2018-03-16
[86] 2016-09-22 (PCT/EP2016/001584)
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[25] EN
[54] **SYSTEM FOR QUICK COUPLING AND UNCOUPLING OF A TRACKED UNIT WITH RESPECT TO A CHASSIS OF A TRACKED MACHINE, PARTICULARLY A TRACKED PIPE LAYING MACHINE**
[54] **SYSTEME D'ACCOUPLEMENT ET DE DESACCOUPLEMENT RAPIDE D'UNE UNITE A CHENILLES PAR RAPPORT A UN CHASSIS D'UNE MACHINE A CHENILLES, EN PARTICULIER UNE MACHINE A POSER DES TUYAUX A CHENILLES**
[72] PICCININI, FERNANDO, IT
[71] EURO PIPELINE EQUIPMENT S.P.A., IT
[85] 2018-03-16
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[54] **ENCODING STATE CHANGE OF NANOPORE TO REDUCE DATA SIZE**
[54] **CODAGE DE CHANGEMENT D'ETAT DE NANOPORES POUR REDUIRE LA TAILLE DE DONNEES**
[72] FERNANDEZ-GOMEZ, SANTIAGO, US
[72] MANEY, BILL, US
[72] TIAN, HUI, US
[72] SHIN, SEUNG, US
[71] F. HOFFMANN-LA ROCHE AG, CH
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[25] EN
[54] **OMPG VARIANTS**
[54] **VARIANTS D'OMPG**
[72] CECH, CYNTHIA, US
[72] CRAIG, TIM, US
[72] TZITZILONIS, CHRISTOS, US
[72] YANG, ALEXANDER, US
[72] JENSEN, LIV, US
[72] YANG, CHARLOTTE, US
[72] HARRIS, CORISSA, US
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[54] **SYSTEM AND METHOD FOR REDUCING POST-SURGICAL RAINBOW EFFECT**
[54] **SYSTEME ET PROCEDE PERMETTANT DE REDUIRE L'IRISATION POST-CHIRURGICALE**
[72] MARTIN, PETER, DE
[71] NOVARTIS AG, CH
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[25] EN
[54] **TREATMENT OF ALOPECIA AREATA**
[54] **TRAITEMENT DE LA PELADE**
[72] SIERRA, MICHAEL, DK
[72] LABUDA, TORD, DK
[72] TANIMOTO, ATSUO, JP
[72] SHINOZAKI, YUICHI, JP
[71] LEO PHARMA A/S, DK
[71] JAPAN TOBACCO INC., JP
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[54] **NOVEL METHOD FOR THE CULTURE OF UNICELLULAR RED ALGAE**
[54] **NOUVEAU PROCEDE DE CULTURE D'ALGUES ROUGES UNICELLULAIRES**
[72] CAGNAC, OLIVIER, FR
[72] RICHARD, LANNIG, FR
[72] LABRO, JULIE, FR
[71] FERMENTALG, FR
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[51] **Int.Cl. C07C 31/20 (2006.01) C07C 29/00 (2006.01)**
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[54] **PROCESS FOR THE PREPARATION OF GLYCOLS**
[54] **PROCEDE POUR LA PREPARATION DE GLYCOLS**
[72] VAN DER HEIDE, EVERT, NL
[72] HUIZENGA, PIETER, NL
[72] MACKAY, MUNRO, NL
[72] VAN DER BIJL, JOHANNES LEO MARIE, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **PROCEDE POUR LA PREPARATION DE GLYCOLS**
[72] MUTHUSAMY, DURAISAMY, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-03-16
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[25] EN
[54] **METHODS AND SYSTEMS FOR AUTHENTICATION USING ZERO-KNOWLEDGE CODE**
[54] **PROCEDES ET SYSTEMES POUR L'AUTHENTIFICATION A L'AIDE DE CODE A CONNAISSANCE NULLE**
[72] FISCHER, NICOLAS, CH
[72] GAUTERON, LAURENT, CH
[71] NAGRAVISION S.A., CH
[85] 2018-03-16
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[51] **Int.Cl. A01G 25/06 (2006.01) A01G 25/00 (2006.01)**
[25] EN
[54] **SUB-SURFACE IRRIGATION SYSTEM**
[54] **SYSTEME D'IRRIGATION EN SUBSURFACE**
[72] STERNBERG, MARTIN, SE
[71] CAPILLARY CONCRETE AB, SE
[85] 2018-03-16
[86] 2016-09-30 (PCT/EP2016/073458)
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[54] **EUKARYOTIC CELL WITH INCREASED PRODUCTION OF FERMENTATION PRODUCT**
[54] **CELLULE EUCARYOTE PRESENTANT UNE PRODUCTION ACCRUE DE PRODUIT DE FERMENTATION**
[72] PAPAPETRIDIS, IOANNIS, NL
[72] PRONK, JACOBUS THOMAS, NL
[72] VAN MARIS, ANTONIUS JEROEN ADRIAAN, SE
[72] KLAASSEN, PAUL, NL
[71] DSM IP ASSETS B.V., NL
[85] 2018-03-16
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[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 31/522 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION CONTAINING 8-[(3R)-3-AMINO-1-PIPERIDINYL]-7-(2-BUTYN-1-YL)-3,7-DIHYDRO-3-METHYL-1-[4-METHYL-2-QUINAZOLINYL)METHYL]-1H-PURINE-2,6-DIONE OR A PHARMACEUTICALLY ACCEPTABLE SALT THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DE LA 8-[(3R)-3-AMINO-1-PIPERIDINYL]-7-(2-BUTYN-1-YL)-3,7-DIHYDRO-3-METHYL-1-[4-METHYL-2-QUINAZOLINYL)METHYL]-1H-PURINE-2,6-DIONE OU SON SEL PHARMACEUTIQUEMENT ACCEPTABLE**
[72] KREKELER, ANDREAS, DE
[71] HEXAL AG, DE
[85] 2018-03-16
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[51] **Int.Cl. B27B 17/12 (2006.01) A01G 23/091 (2006.01) F16N 11/00 (2006.01)**
[25] EN
[54] **ARRANGEMENT FOR TRANSFERRING FLUID TO GUIDE BAR OF CHAIN SAW**
[54] **AGENCEMENT PERMETTANT DE TRANSFERER UN FLUIDE VERS UNE BARRE DE GUIDAGE DE SCIE A CHAINE**
[72] KOHIO, TONI, FI
[71] PONSSE OYJ, FI
[85] 2018-03-16
[86] 2016-09-28 (PCT/FI2016/050675)
[87] (WO2017/055687)
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[51] **Int.Cl. B65H 16/04 (2006.01) A24C 5/00 (2006.01) A24C 5/20 (2006.01) B65H 16/10 (2006.01)**
[25] EN
[54] **METHOD FOR UNWINDING A BOBBIN OF A COILED SHEET AND UNWINDING APPARATUS FOR UNWINDING A BOBBIN**
[54] **PROCEDE DE DEROULEMENT DE BOBINE DE FEUILLE ENROULEE ET APPAREIL DE DEROULEMENT DE BOBINE**
[72] SCHMIDT, JOHANN, DE
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[86] 2016-10-07 (PCT/EP2016/074090)
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[54] **METHOD FOR PRODUCING FLUTEMETAMOL**
[54] **PROCEDE DE PRODUCTION DE FLUTEMETAMOL**
[72] OKUMURA, YUKI, JP
[72] TONOYA, GOTA, JP
[72] MATSUNAMI, TOMOYUKI, JP
[71] NIHON MEDI-PHYSICS CO., LTD., JP
[71] GE HEALTHCARE LIMITED, GB
[85] 2018-03-16
[86] 2016-10-17 (PCT/EP2016/074840)
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[51] **Int.Cl. B64C 3/24 (2006.01)**
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[54] **FOAM AEROFOIL**
[54] **SURFACE PORTANTE EN MOUSSE**
[72] ELSON, ANDREW CHARLES, GB
[71] ELSON, ANDREW CHARLES, GB
[85] 2018-03-16
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[51] **Int.Cl. B27B 17/14 (2006.01) A01G 23/091 (2006.01)**
[25] EN
[54] **CHAIN SAW AND METHOD FOR CONTROLLING MOVEMENTS OF GUIDE BAR THEREIN**
[54] **SCIE A CHAINE ET PROCEDE DE COMMANDE DE MOUVEMENTS DE BARRE DE GUIDAGE A L'INTERIEUR DE CELLE-CI**
[72] HUTTUNEN, MARKKU, FI
[72] KOHIO, TONI, FI
[72] KAATRASALO, TERO, FI
[72] GARCIA, MARTIN, FI
[71] PONSSE OYJ, FI
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[51] **Int.Cl. G01N 1/22 (2006.01) G01N 15/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DETERMINATION OF THE FINE PARTICLE DOSE OF A POWDER INHALATION FORMULATION**
[54] **APPAREIL ET PROCEDE POUR LA DETERMINATION DE DOSE DE PARTICULE FINE D'UNE FORMULATION D'INHALATION SOUS FORME DE POUDRE**
[72] PRICE, ROBERT, GB
[72] SHUR, JAGDEEP, GB
[71] NANOPHARM LIMITED, GB
[85] 2018-03-16
[86] 2016-09-22 (PCT/GB2016/052957)
[87] (WO2017/051180)
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[54] **CHUCK WITH LOCKING DEVICE**
[54] **MANDRIN A DISPOSITIF DE VERROUILLAGE**
[72] ORTIZ BATALLE, ANTONI, ES
[71] LLAMBRICH PRECISION, S.L., ES
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[25] EN
[54] **VACCINATION WITH IMMUNO-ISOLATED CELLS PRODUCING AN IMMUNOMODULATOR**
[54] **VACCINATION AVEC DES CELLULES IMMUNO-ISOLEES PRODUISANT UN IMMUNOMODULATEUR**
[72] MACH, NICOLAS, CH
[71] MAXIVAX SA, CH
[85] 2018-03-16
[86] 2016-09-26 (PCT/IB2016/001968)
[87] (WO2017/064571)
[30] US (62/232,940) 2015-09-25
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[51] **Int.Cl. A63F 13/24 (2014.01)**
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[54] **GAMES CONTROLLER**
[54] **MANETTE DE JEU**
[72] IRONMONGER, DUNCAN, US
[72] JEFFREY, CARL, GB
[71] IRONBURG INVENTIONS LIMITED, GB
[85] 2018-03-16
[86] 2016-09-13 (PCT/GB2016/052827)
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[51] **Int.Cl. B64C 3/24 (2006.01) B64C 1/00 (2006.01)**
[25] EN
[54] **AIRCRAFT WING STRUCTURE**
[54] **STRUCTURE D'AILE D'AVION**
[72] ELSON, ANDREW CHARLES, GB
[71] ELSON, ANDREW CHARLES, GB
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[51] **Int.Cl. H04L 9/14 (2006.01) B60R 16/023 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **COMPUTER-IMPLEMENTED CRYPTOGRAPHIC METHOD FOR IMPROVING A COMPUTER NETWORK, AND TERMINAL, SYSTEM AND COMPUTER-READABLE MEDIUM FOR THE SAME**
[54] **PROCEDE CRYPTOGRAPHIQUE MIS EN □UVRE PAR ORDINATEUR PERMETTANT D'AMELIORER UN RESEAU INFORMATIQUE, AINSI QUE TERMINAL, SYSTEME ET SUPPORT LISIBLE PAR ORDINATEUR ASSOCIES**
[72] BENEDEK, AARON SANJAYA, JP
[71] TRILLIUM INCORPORATED, JP
[85] 2018-03-16
[86] 2016-09-19 (PCT/IB2016/002020)
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[25] EN
[54] **ADENINE CONJUGATE COMPOUNDS AND THEIR USE AS VACCINE ADJUVANTS**
[54] **COMPOSES CONJUGUES DE L'ADENINE ET LEUR UTILISATION COMME ADJUVANTS DE VACCINS**
[72] BAN, HITOSHI, JP
[72] NISHIO, YUKIHIRO, JP
[72] MALYALA, PADMA, US
[72] MURALIDHARA, BILIKALLAHALLI K., US
[72] WONG, MARCUS, US
[71] ASTRAZENECA AKTIEBOLAG, SE
[71] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
[85] 2018-03-16
[86] 2016-09-28 (PCT/JP2016/004375)
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[13] A1
[51] **Int.Cl. A61F 9/008 (2006.01) A61B 3/10 (2006.01)**
[25] EN
[54] **CENTERING TECHNIQUE FOR A CUTTING LASER FOR REFRACTIVE OPHTHALMIC SURGERY**
[54] **TECHNIQUE DE CENTRAGE POUR UN LASER DE COUPE POUR UNE CHIRURGIE OPHTALMIQUE REFRACTIVE**
[72] SEILER, THEO, DE
[72] DONITZKY, CHRISTOF, DE
[72] RIEDEL, PETER, DE
[72] KLENKE, JORG, DE
[71] NOVARTIS AG, CH
[85] 2018-03-16
[86] 2016-06-01 (PCT/IB2016/053234)
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[30] DE (102015013237.7) 2015-10-12

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[51] **Int.Cl. H04J 99/00 (2009.01) H03M 13/25 (2006.01) H04L 27/36 (2006.01)**
[25] EN
[54] **DEVICE, METHOD, AND PROGRAM**
[54] **APPAREIL, PROCEDE ET PROGRAMME**
[72] KIMURA, RYOTA, JP
[72] MATSUDA, HIROKI, JP
[71] SONY CORPORATION, JP
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[86] 2016-07-01 (PCT/JP2016/069672)
[87] (WO2017/051583)
[30] JP (2015-186500) 2015-09-24
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[51] **Int.Cl. A61B 50/10 (2016.01) A61B 90/90 (2016.01) A61F 2/16 (2006.01) A61G 12/00 (2006.01)**
[25] EN
[54] **INTRAOCULAR LENS STORAGE CART AND METHODS**
[54] **CHARIOT ET PROCEDES DE STOCKAGE DE LENTILLE INTRAOCULAIRE**
[72] BOUKHNY, MIKHAIL, US
[72] THOE, DAVID, US
[71] NOVARTIS AG, CH
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[86] 2016-06-16 (PCT/IB2016/053573)
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[51] **Int.Cl. F24S 90/00 (2018.01) F03G 6/00 (2006.01) F25B 23/00 (2006.01) F25B 27/00 (2006.01)**
[25] EN
[54] **ELECTRICITY-GENERATING, AIR-CONDITIONING, AND WATER-HEATING APPARATUS FEATURING SOLAR ENERGY CONVERSION**
[54] **APPAREIL DE PRODUCTION D'ELECTRICITE, DE CONDITIONNEMENT DE L'AIR ET DE CHAUFFAGE DE L'EAU OFFRANT LA CONVERSION DE L'ENERGIE SOLAIRE**
[72] LIANG, WEILONG, CA
[72] LEE, MIN-FENG, CA
[72] LEE, TE-SHOU, TW
[71] CANADA YUNG FENG TECHNOLOGY INC., CA
[22] 2016-09-20
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[21] **2,968,545**
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[51] **Int.Cl. H04N 21/2668 (2011.01) H04N 21/80 (2011.01) G06Q 30/02 (2012.01) A61B 5/1171 (2016.01) G06K 9/62 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **ENVIRONMENTALLY REACTIVE RETAIL DISPLAY SYSTEM**
[54] **SYSTEME DE PRESENTOIR DE VENTE AU DETAIL REAGISSANT A L'ENVIRONNEMENT**
[72] KUCER, STEPHEN, US
[71] IMPAX MEDIA HOLDINGS USA INC., US
[22] 2017-05-26
[41] 2018-03-19
[30] US (15/256,234) 2016-09-19
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[51] **Int.Cl. A61J 1/10 (2006.01) A61J 1/14 (2006.01) B65D 30/08 (2006.01) B65D 30/10 (2006.01) A61K 35/16 (2015.01) B32B 27/08 (2006.01)**
[25] EN
[54] **CONTAINER FOR A SOLUTION OF HUMAN PLASMA PROTEINS AND METHOD FOR OBTAINING THEREOF**
[54] **CONTENANT DESTINE A UNE SOLUTION DE PROTEINES DE PLASMA HUMAIN ET METHODE D'OBTENTION ASSOCIEE**
[72] ROURA FERNANDEZ, CARLOS, ES
[72] GARCIA GARCIA, JOSE ANTONIO, ES
[72] LLORENS MASAS, ESTELA, ES
[72] MARZO ADAM, NURIA, ES
[71] GRIFOLS, S.A., ES
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[30] ES (201631198) 2016-09-16

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[51] **Int.Cl. C12N 15/861 (2006.01) A61K 35/76 (2015.01) A61K 39/39 (2006.01) A61P 37/04 (2006.01) C07K 14/075 (2006.01) C12N 5/10 (2006.01) C12N 7/01 (2006.01) C12N 15/34 (2006.01)**
[25] EN
[54] **CHIMPANZEE ADENOVIRUS VACCINE CARRIERS**
[54] **PORTEURS DE VACCIN ADENOVIRAL DE CHIMPANZE**
[72] CIRILLO, AGOSTINO, IT
[72] COLLOCA, STEFANO, IT
[72] ERCOLE, BRUNO BRUNI, IT
[72] MEOLA, ANNALISA, IT
[72] NICOSIA, ALFREDO, IT
[72] SPORENO, ELISABETTA (DECEASED), IT
[71] MSD ITALIA S.R.L., IT
[22] 2005-01-18
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[54] **ANTAGONISTIC ACTIVIN RECEPTOR HB (ACTRIIB) ANTIBODIES FOR INCREASING MUSCLE GROWTH**
[54] **ANTICORPS ANTI-RECEPTEUR DE L'ACTIVINE IIB (ACTRIIB) DESTINES A AUGMENTER LA CROISSANCE MUSCULAIRE**
[72] BERGER, CATRIN, DE
[72] HERRMANN, TANJA, DE
[72] LU, CHRIS, CN
[72] SHEPPARD, KELLY-ANN, US
[72] TRIFILIEFF, ESTELLE, CH
[72] URLINGER, STEFANIE, DE
[71] NOVARTIS AG, CH
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[25] EN
[54] **PROCESSING BIOMASS BY IRRADIATION**
[54] **TRAITEMENT DE BIOMASSE PAR IRRADIATION**
[72] MEDOFF, MARSHALL, US
[71] XYLECO, INC., US
[22] 2009-04-28
[41] 2009-11-19
[62] 2,902,350
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[54] **PKD MUTATIONS AND EVALUATION OF SAME**
[54] **MUTATIONS DE PKD ET EVALUATION DE CELLES-CI**
[72] WATNICK, TERRY J., US
[72] GARCIA-GONZALEZ, MIGUEL, US
[72] GERMINO, GREGORY G., US
[72] JONES, JEFFREY G., US
[71] ATHENA DIAGNOSTICS, INC., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
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[54] **ONE POT SYNTHESIS OF TETRAZOLE DERIVATIVES OF SIROLIMUS**
[54] **SYNTHESE DANS UN SEUL REACTEUR DE DERIVES DE TETRAZOLE DU SIROLIMUS**
[72] DHAON, MADHUP, US
[72] HSIAO, CHI-NUNG, US
[72] PATEL, SUBHASH, US
[72] BONK, PETER, US
[72] CHEMBURKAR, SANJAY, US
[72] CHEN, YONG, US
[71] ABBOTT LABORATORIES, US
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[54] **METHOD AND APPARATUS FOR MOTION COMPENSATION PREDICTION**
[54] **PROCEDE ET APPAREIL POUR LA PREDICTION DE COMPENSATION DE MOUVEMENT**
[72] BOSSEN, FRANK JAN, US
[71] NTT DOCOMO, INC., JP
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[62] 2,839,704
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[54] **AUDIO ENCODER AND DECODER**
[54] **CODEUR ET DECODEUR AUDIO**
[72] VILLEMOES, LARS, SE
[72] KLEJSA, JANUSZ, SE
[72] HEDELIN, PER, SE
[71] DOLBY INTERNATIONAL AB, NL
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[62] 2,948,694
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[54] **NON-ACIDIC-EXOTHERMIC SANDSTONE STIMULATION FLUIDS**
[54] **FLUIDES EXOTHERMIQUES ET NON ACIDES DE STIMULATION DU GRES**
[72] AL-DAHLAN, MOHAMMED NASSER, SA
[72] AL-HARITH, ABDULLAH MOHAMMED, SA
[72] AL-NAKHLI, AYMAN RAJA, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[22] 2013-01-17
[41] 2013-07-25
[62] 2,861,645
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[51] **Int.Cl. C08J 9/14 (2006.01)**
[25] EN
[54] **FOAMING AGENTS AND COMPOSITIONS CONTAINING FLUORINE SUBSTITUTED OLEFINS AND METHODS OF FOAMING**
[54] **AGENTS MOUSSANTS ET COMPOSITIONS CONTENANT DES OLEFINES SUBSTITUEES PAR DU FLUOR ET PROCEDES DE MOUSSAGE**
[72] BOWMAN, JAMES M., US
[72] WILLIAMS, DAVID J., US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2008-11-24
[41] 2009-05-28
[62] 2,706,774
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[54] **COLOR COSMETIC WITH HIGH COVERAGE AND NATURALNESS**
[54] **COMPOSITION COSMETIQUE COLORANTE HAUTE COUVRANCE ET ASPECT NATUREL**
[72] WEI, XIAOLAN, US
[72] MAITRA, PRITHWIRAJ, US
[71] AVON PRODUCTS, INC., US
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[25] EN
[54] **SYSTEMS AND METHODS FOR RECORD LINKAGE AND PARAPHRASE GENERATION USING SURROGATE LEARNING**
[54] **SYSTEMES ET PROCEDES POUR LE COUPLAGE D'ENREGISTREMENTS ET GENERATION DE PARAPHRASES A L'AIDE D'UN APPRENTISSAGE DE SUBSTITUTION**
[72] VEERAMACHANENI, SRIHARSHA, US
[71] THOMSON REUTERS GLOBAL RESOURCES, CH
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[25] EN
[54] **MICROWAVE ENERGY-DELIVERY DEVICE AND SYSTEM**
[54] **DISPOSITIF ET SYSTEME DE FOURNITURE D'ENERGIE HYPERFREQUENCE**
[72] BRANNAN, JOSEPH D., US
[72] LADTKOW, CASEY M., US
[72] PETERSON, DARION R., US
[72] LARSON, ERIC W., US
[72] DICKHANS, WILLIAM J., US
[72] WILLYARD, RICHARD A., US
[72] CASE, JASON A., US
[71] COVIDIEN LP, US
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[51] **Int.Cl. E21B 23/00 (2006.01) E21B 17/10 (2006.01) F04B 47/06 (2006.01) F04D 13/08 (2006.01)**
[25] EN
[54] **SUBMERSIBLE PUMP STABILIZATION**
[54] **STABILISATION DE POMPE SUBMERSIBLE**
[72] WATT, ALAN, CA
[71] SUNCOR ENERGY INC., CA
[22] 2014-04-23
[41] 2014-10-23
[62] 2,965,130
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[51] **Int.Cl. G16H 20/13 (2018.01)**
[25] EN
[54] **SYSTEM AND SOFTWARE OF ENHANCED PHARMACEUTICAL OPERATIONS IN LONG-TERM CARE FACILITIES AND RELATED METHODS**
[54] **SYSTEME ET LOGICIEL D'OPERATIONS PHARMACEUTIQUES AMELIOREES DANS DES ETABLISSEMENTS DE SOINS A LONG TERME ET PROCEDES ASSOCIES**
[72] MONCRIEF, JAMES W., US
[72] MARTIN, JAMES J., US
[71] TECH PHARMACY SERVICES, LLC, US
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[41] 2005-05-12
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[54] **FORCE-LIMITING AND DAMPING DEVICE**
[54] **DISPOSITIF D'ATTENUATION ET DE LIMITATION DE LA FORCE**
[72] SHIH, JUI-YUAN, TW
[71] SHIH, JUI-YUAN, TW
[22] 2016-10-27
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[51] **Int.Cl. G08G 1/04 (2006.01) G08G 1/017 (2006.01) G08G 1/052 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MULTIPURPOSE TRAFFIC DETECTION AND CHARACTERIZATION**
[54] **SYSTEME ET PROCEDE POUR UNE DETECTION ET UNE CARACTERISATION DE LA CIRCULATION A OBJECTIFS MULTIPLES**
[72] MIMEAULT, YVAN, CA
[72] GIDEL, SAMUEL, CA
[71] LEDDARTECH INC., CA
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[41] 2013-09-06
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[51] **Int.Cl. A61M 16/06 (2006.01)**
[25] EN
[54] **BREATHING ASSISTANCE APPARATUS**
[54] **APPAREIL D'ASSISTANCE RESPIRATOIRE**
[72] MCAULEY, ALASTAIR EDWIN, NZ
[72] ERSTICH, EVAN STUART, NZ
[72] GLEESON, OLIVER, NZ
[72] FREEMAN, SIMON ERIC, NZ
[72] DAVIES, NEIL GLEN, NZ
[72] SCHOENBERG, STEPHEN JOHN, NZ
[72] LAW, KAMAN, NZ
[72] PRENTICE, CRAIG ROBERT, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[22] 2007-07-13
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[13] A1
[51] **Int.Cl. H01R 24/38 (2011.01) H01R 9/05 (2006.01)**
[25] EN
[54] **COAXIAL CABLE CONNECTOR HAVING ELECTRICAL CONTINUITY MEMBER**
[54] **CONNECTEUR DE CABLE COAXIAL DOTE D'UN ELEMENT DE CONTINUITE ELECTRIQUE**
[72] PURDY, ERIC, US
[72] MONTENA, NOAH, US
[72] AMIDON, JEREMY, US
[71] PPC BROADBAND, INC., US
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HEIMANN, ROBERT L. 2,998,520
HEINE, CHRISTOPHER A. 2,998,732
HELIKER, BRETT 2,998,345
HELLHOLM, BJORN 2,998,144
HELLMUTH, TORSTEN 2,997,941
HELMHOLTZ-ZENTRUM DRESDEN - ROSSENDORF E. V. 2,998,821
HELMHOLTZ-ZENTRUM FUR INFEKTIONSFORSCHUNG GMBH 2,998,287
HELMRICH, CHRISTIAN 2,998,776
HEMMESMANN, ANDRE 2,998,033
HENDRICKSON USA, L.L.C. 2,997,917
HENIFORD, RICHARD 2,998,321
HENNIGES, BRUCE 2,998,327
HENNO, PATRICK 2,998,292
HENRIKSON, JESSE 2,998,487
HENRY COMPANY, LLC 2,998,884
HENRY, PAUL SHALA 2,998,536
HENSON, JONATHAN MICHAEL 2,998,617
HERBAULT, PATRICK 2,998,038
HERFORT, FRANK T. 2,997,538
HERMANS, IVE 2,997,764
HERN, GREGORY L. 2,997,921
HERNANDEZ-ROSAS, JOSE HECTOR 2,998,396
HERTEL, ALEXANDER 2,998,394
HERTEL, PHILIPP 2,998,394
HERZHOFF, CARSTEN 2,998,668
HESSELGESSER, JOSEPH E. 2,997,955
HEXAL AG 2,998,982
HIATT, MARK 2,998,395
HIGASHI, MASAFUMI 2,998,322
HIGH, DONALD R. 2,998,488
HIGUCHI, MASATOSHI 2,998,458
HIGUCHI, SEIYA 2,998,307
HIGUCHI, SEIYA 2,998,310
HILLRINGHAUS, LARS 2,998,206
HILTI AKTIENGESELLSCHAFT 2,998,447
HILTI AKTIENGESELLSCHAFT 2,998,678
HILTI AKTIENGESELLSCHAFT 2,998,794
HILTON, MICHAEL 2,997,374
HISTIDE AG 2,998,297
HISTIDE AG 2,998,455
HO, YUNG-LUNG 2,998,482
HOBART, PATRICK 2,997,770
HOCKENBROCHT, CHRISTOPHER 2,998,839
HOERNECKE, ANDY 2,998,749
HOFFENBERG, SIMON 2,998,507
HOFFMANN, MATTHIAS 2,998,250
HOFFMANN, PHILIP 2,998,282
HOFFMANN, PHILIP 2,998,283
HOFMANN, GUNTHER 2,998,791
HOGNALAND, INGVAR 2,997,526
HOLBERG, DOUGLAS R. 2,998,709
HOLCIM TECHNOLOGY LTD 2,998,737
HOLLAND, LYNETTE ANNE MAKINS 2,998,210
HOLZMANN, JOHANN 2,998,578
HONDA MOTOR CO., LTD. 2,998,566
HONDA MOTOR CO., LTD. 2,998,569
HOOD, GRAHAM ANTHONY 2,998,452
HOOPER, DENNIS G. 2,998,873
HORGNIES, MATTHIEU 2,998,737
HORNICK, DAVID 2,998,417
HORSLEY, HELEN TRACEY 2,998,802
HORTTER, MICHELLE 2,998,174
HOTEMA, MARTHA R. 2,998,681
HOTHI, PARVINDER 2,993,158
HOTHI, PARVINDER 2,998,472
HOUSE, DAVID 2,998,545
HOWELL, ALAN 2,998,137
HOWELL, JOHN C. 2,998,659
HU, ZHAOPING 2,998,905
HU, ZHAOPING 2,998,908
HUANG, WEI 2,998,900
HUANG, YUE 2,998,758
HUAWEI TECHNOLOGIES CO., LTD. 2,998,468
HUAWEI TECHNOLOGIES CO., LTD. 2,998,744
HUBBELL INCORPORATED 2,998,148
HUBBELL INCORPORATED 2,998,641
HUDDLE ROOM TECHNOLOGY S.R.L. 2,997,371
HUDSON, CHARLES TAYLOR 2,997,783
HUFF, JASON 2,997,391
HUGHES, SCOTT DAVID 2,998,280
HUIZENGA, PIETER 2,998,516

HUIZENGA, PIETER 2,998,975
HULL, KATHERINE LEIGH 2,997,317
HULL, KATHERINE LEIGH 2,997,353
HULTGREN, ANDERS 2,998,571
HULTGREN, ANDERS 2,998,574
HUNT, DAVID S. 2,998,527
HUNT, THOMAS ANTHONY 2,997,399
HUNTER DOUGLAS INDUSTRIES B.V. 2,997,830
HUNTER DOUGLAS INDUSTRIES B.V. 2,997,831
HUNTER, TIM H. 2,998,338
HUNTER, TIMOTHY L. 2,997,260
HUNTER, WILLIAM L. 2,998,709
HUNTSMAN PETROCHEMICAL LLC 2,998,194
HUTTUNEN, MARKKU 2,998,987
HUTWIMMER, STEFAN 2,998,578
HUTWIMMER, STEFAN 2,998,579
HUYSMANS, TOM 2,998,521
HWANG, IN OH 2,998,701
HWU, PATRICK 2,998,883
IBRAHIM, YEHIA M. 2,997,910
ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI 2,997,769
ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI 2,997,784
IFEDUBA, EBENEZER 2,998,510
IFOM FONDAZIONE ISTITUTO FIRC DI ONCOLOGIA MOLECOLARE 2,998,682
IKEDA, NOBUHISA 2,998,301
ILLINOIS TOOL WORKS INC. 2,998,652
ILLUMINA CAMBRIDGE LIMITED 2,998,459
ILTOO PHARMA 2,997,946
IMMUNE DESIGN CORP. 2,997,749
IMMUNOCORE LIMITED 2,998,449
IMMUNOCORE LIMITED 2,998,452
IMSLAND, THOMAS A. 2,998,864
INCYTE CORPORATION 2,997,768
INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION 2,998,741
INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION 2,998,793
INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION 2,998,803
INFIANA GERMANY GMBH & CO. KG 2,998,201
INFINITY PHARMACEUTICALS, INC. 2,998,469
INGENICO GROUP 2,998,780
INNES, MURRAY GRANT 2,998,280
INNOLIFE CO., LTD. 2,998,958
INNOTECH ALBERTA INC. 2,998,750
INOUE, FUMIHIKO 2,998,832
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 2,997,646
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 2,997,652
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 2,998,530
INSERM PARIS 2,998,747
INSPIRE MEDICAL SYSTEMS, INC. 2,998,341
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA) 2,997,652
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 2,998,541
INSTITUTE FOR CANCER RESEARCH D/B/A THE RESEARCH INSTITUTE OF FOX CHASE CANCER CENTER 2,997,428
INTELGENX CORP. 2,998,223
INTERDIGITAL PATENT HOLDINGS, INC. 2,997,759
INTERFACE POLYMERS LIMITED 2,998,663
INTERLEMO HOLDING S.A. 2,998,557
INUI, TAICHI 2,998,139
INUI, TAICHI 2,998,191
IOGEN CORPORATION 2,998,414
IONIS PHARMACEUTICALS, INC. 2,998,382
IONIS PHARMACEUTICALS, INC. 2,998,898
IORGA, BOGDAN-IULIU 2,997,851
IRANI-COHEN, ZACKARY 2,998,421
IRONBURG INVENTIONS LIMITED 2,998,992
IRONMONGER, DUNCAN 2,998,992
IRVING, GORDON DOUGLAS 2,998,652
ISAACSON, DEBRA 2,997,339
ISAACSON, RAY 2,998,359
ISHIHARA, TAKEO 2,998,474
ISHIHARA, TAKEO 2,998,567
ISHIHARA, TAKEO 2,998,729
ISHIHARA, TOSHIRO 2,998,604
ISHII, TERUMITSU 2,998,311
ISHII, TETSUYA 2,998,305
ISHII, TETSUYA 2,998,332
ISSA, JOSEPH 2,998,261
ITO, MASATERU 2,998,303
IVANI, LLC 2,998,842
IWASAKI, DAIGO 2,998,301
JAASKELAINEN, MIKKO 2,998,330
JAASKELAINEN, MIKKO 2,998,844
JACOBI, DAVID 2,997,317
JAECKLEIN, WILLIAM JOSEPH 2,998,324
JAHNKE, UWE 2,997,640
JAIN, JAYESH RAMESHLAL 2,997,913
JAKOBSEN, BENT KARSTEN 2,998,449
JAMES, PHILIP SCOTT 2,997,755
JANISZEWSKI, THOMAS J. 2,998,482
JANOCHA, BERND 2,998,665
JANSSEN PHARMACEUTICA NV 2,997,430
JANSSEN PHARMACEUTICA NV 2,997,501
JANSSEN PHARMACEUTICA NV 2,997,541
JANSSEN PHARMACEUTICA NV 2,997,543
JANSSEN PHARMACEUTICA NV 2,997,545
JANSSEN PHARMACEUTICA NV 2,998,730
JAPAN TOBACCO INC. 2,998,972
JAVITCH, JONATHAN A. 2,998,868
JAYAWARDENA, ADIKARAMGE ASIRI 2,998,475
JAYAWARDENA, ADIKARAMGE ASIRI 2,998,476
JEFFREY, CARL 2,998,992
JENA, BIPULENDU 2,997,673
JENKINS, THOMAS E. 2,998,708
JENNEMAN, GARY E. 2,998,639
JENSEN, LIV 2,998,970
JESKE, VOLKER 2,998,665
JHA, BALENDU SHEKHAR 2,997,952
JIA, HAITAO 2,998,655
JIA, ZHONGJIANG 2,997,768
JIAN, YIFAN 2,998,150
JIANG, XIN 2,998,681
JIMENEZ, ANA ISABEL 2,997,648
JIMENEZ, JAVIER 2,998,680
JIN, BINGCHENG 2,998,419
JOHANSSON, MIKAEL 2,998,686
JOHANSSON, PETER 2,998,162
JOHNS, BRIAN ALVIN 2,998,828
JOHNSON & JOHNSON CONSUMER INC. 2,998,376
JOHNSON & JOHNSON CONSUMER INC. 2,998,526
JOHNSON & JOHNSON CONSUMER INC. 2,998,532
JOHNSON, CHRISTOPHER SOAMES 2,998,387
JOHNSON, KEITH 2,998,483
JOHNSON, MICHAEL H. 2,998,580
JOHNSON, STEVE 2,998,148
JOINER, KEVIN DEAN 2,998,368
JOKANOLA, OLUFEMI A. 2,998,471
JOKINEN, EMMA 2,998,689
JOLLIVET, CLEMENCE 2,998,515
JONES, AARON M. 2,998,118
JORDAN, ROBERT 2,998,189
JUNGLES, LUKE 2,998,539
JUNIOR, LIBERATO BRUM 2,998,739
K-FEE SYSTEM GMBH 2,998,514
K-FEE SYSTEM GMBH 2,998,669

KAATRASALO, TERO 2,998,987
KABUSHIKI KAISHA TOSHIBA 2,998,458
KABUSHIKI KAISHA TOYOTA JIDOSHOKKI 2,998,835
KADZIAUSKAS, KENNETH E. 2,997,260
KAFKA, HENRY 2,998,536
KAI, SHINTARO 2,998,302
KALESSE, DOMINIK 2,998,788
KALIKA, VLAD 2,998,374
KALMAR, JANOS 2,998,799
KAMIYA, RYUTA 2,998,835
KANESHIMA, TAKUMA 2,998,464
KANESHIRO, KEVIN KAZUO 2,998,861
KANG, YUJIAN JAMES 2,998,958
KANNAN, GUNASEKARAN 2,998,174
KANSAI PAINT CO., LTD. 2,998,833
KANT SHUKLA, SHIVA 2,998,680
KANUKURTHY, KIRAN S. 2,997,538
KAPP, KERSTIN 2,997,319
KAPP, KERSTIN 2,998,265
KARR, ROBERT W. 2,998,644
KARSCH, ROLAND 2,998,388
KASAT, GIRISH 2,998,510
KASAT, GIRISH 2,998,524
KATHOLIEKE UNIVERSITEIT LEUVEN, K.U.LEUVEN R&D 2,998,802
KATZ, JOSHUA S. 2,997,751
KAUDER, BRYAN 2,998,838
KAUFMANN, CHRISTOPHER 2,997,735
KAUR, JASMINE 2,997,955
KAVOKIN, ALEXSANDR 2,998,651
KAWAMOTO, TATSUYA 2,998,096
KAY, CHRISTOPHER 2,998,663
KAY, DAVID 2,997,369
KAYE, ANTHONY 2,998,643
KAZEROONI, VAHID 2,998,335
KAZIMIERSKI, ARKADIUSZ 2,998,867
KAZMIERSKI, WIESLAW MIECZYSLAW 2,998,826
KAZMIERSKI, WIESLAW MIECZYSLAW 2,998,827
KEEN, STEPHEN PHILIP 2,998,646
KEMPS, DAVID ROBERT 2,998,319
KENNEDY, KENNETH 2,998,539
KENT, DANIEL B. 2,998,884
KERAMPRAN, PATRICK 2,997,386
KERBER, THOMAS B. 2,998,717
KERBIRIOU, PAUL 2,998,661
KERINS, FERGAL 2,998,645
KERN, KAROLIN 2,997,534
KHADKA, PRAMITHUS 2,998,850
KIBE, HAJIME 2,998,462
KIKUCHI, YUSAKU 2,998,559
KILGORE, KEVIN L. 2,997,621
KILGORE, KEVIN L. 2,998,748
KIM, DAEWOOK 2,998,470
KIM, DONGIN 2,997,442
KIM, JEONG H. 2,998,482
KIM, KYONG IL 2,998,701
KIM, KYUNG JIN 2,998,343
KIM, MIN 2,998,470
KIM, MINJU 2,998,470
KIM, MINJUNG 2,998,470
KIM, SUJEONG 2,998,470
KIMCHI, GUR 2,998,207
KIMURA, RYOTA 2,998,997
KIMURA, RYUSUKE 2,998,322
KING, CHRIS 2,998,393
KING, DANIEL WADE 2,998,384
KINGENTA ECOLOGICAL ENGINEERING GROUP CO., LTD. 2,998,908
KINGENTA NORSTERRA CHEMICAL CO., LTD. 2,998,905
KINGENTA NORSTERRA CHEMICAL CO., LTD. 2,998,908
KIOUSIS, PANOS 2,997,726
KIRCHER, MORITZ F. 2,997,318
KIRK, TAYLOR 2,998,576
KIRSTEN, KLAUS 2,997,691
KISWE MOBILE INC. 2,998,482
KITAHARA, ISAMU 2,998,153
KITANO, TETSUSHI 2,998,836
KITT, MICHAEL M. 2,998,742
KLAASSEN, PAUL 2,998,981
KLATZMANN, DAVID 2,997,946
KLEIN, MARCEL 2,998,306
KLEMENC, JAKA 2,997,824
KLENKE, JORG 2,998,996
KLINGSPOR, ALEXANDER 2,998,290
KNIGHT, JUDITH DARLENE 2,998,840
KNITL, JOSEF 2,998,534
KNOELLER, MICHAEL C. 2,997,933
KNOWLES, JUSTIN 2,998,778
KOCH, MARTIN 2,997,318
KODAMA, SHINJI 2,998,328
KOEHNE, GUENTHER 2,997,757
KOHIO, TONI 2,998,983
KOHIO, TONI 2,998,987
KOIKE, MASAHIRO 2,998,569
KOLADE, BABAJIDE 2,998,639
KOLB, JASON 2,998,502
KOLETSCHKA, THOMAS 2,997,280
KOLETSCHKA, THOMAS 2,998,122
KOLETSCHKA, THOMAS 2,998,128
KOLETSCHKA, THOMAS 2,998,403
KOLETSCHKA, THOMAS 2,998,544
KOLETSCHKA, THOMAS 2,998,790
KOLLER, IZAAK 2,998,495
KOLLER, IZAAK 2,998,498
KOLODNER, RICHARD 2,998,294
KOLON LIFE SCIENCE, INC. 2,998,470
KOLTE, PRIYADARSHAN 2,998,323
KONG, JONGROCK 2,998,646
KONGSBERG POWER PRODUCTS SYSTEMS I, INC. 2,998,487
KONITZ, MALTE 2,997,509
KORCZ, KRZYSZOF 2,998,148
KOROVIN, ALEXEI 2,998,485
KOSAKA, NORIO 2,998,600
KOTAKA, TOSHIKAZU 2,998,301
KOTHARI, VEDANG 2,998,365
KOUDOUSSI, HIBA 2,998,780
KOUFOS, GENA 2,997,907
KOWTONIUK, WALTER 2,998,745
KREISCHER, BRUCE 2,998,852
KREKELER, ANDREAS 2,998,982
KREWINKEL, THOMAS 2,998,453
KRIJGSVELD, JEROEN 2,998,549
KRISHNA, ANIL 2,998,593
KROMPASKY, ERIK 2,997,941
KRUEGEL, ANDREW 2,998,868
KRUGER, MARC 2,998,514
KRUGER, MARC 2,998,669
KUCHELMEISTER, HANNES 2,998,206
KUGGE, CHRISTIAN 2,998,571
KUGGE, CHRISTIAN 2,998,574
KUHN, ANDREAS 2,998,554
KUMAKI, YOSUKE 2,998,464
KUMAR, KIRTI 2,998,592
KUMAR, SATISH 2,998,271
KUMARASINGHE, ELLALAHEWAGE SATHYAJITH 2,998,810
KUNDMANN, THOMAS J. 2,997,256
KUNO, JUNKO 2,998,642
KUNZ, CLAUDIA 2,998,675
KUNZE, ULRICH 2,997,945
KURARAY CO., LTD. 2,998,464
KWAN, IAN LEE WAI 2,998,319
KYOTO UNIVERSITY 2,998,096
L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDE 2,997,691
LA HARPE D'OR 2,998,715
LABER, BERND 2,998,036
LABORATORIOS DEL DR. ESTEVE, S.A. 2,997,359
LABRO, JULIE 2,998,973
LABUDA, TORD 2,998,972
LADDHA, KIRTI S. 2,998,577
LADERMAN, ELISABETH 2,998,421
LAGANIS, EDWARD J. 2,998,757
LAKSHMAN, MARSHNIL 2,998,643
LAMPRECHT, ANTON WALTER 2,998,920
LANGE, GUDRUN 2,998,036
LANGER, ANDREAS 2,998,716
LANGEVELD, MICHIEL JACOBUS JOHANNES 2,997,830
LANGEVELD, MICHIEL JACOBUS JOHANNES 2,997,831
LAOUEDJ, MALIKA 2,998,410
LAROSA, ANTHONY J. 2,998,757
LARRICK, DOUGLAS 2,998,320
LATHROP, ROBERT 2,998,483
LAU, WARREN C. 2,998,397
LAUER, SWEN 2,998,764
LAWALL, ANDREAS 2,997,640
LAWLER, BENJAMIN MARTIN 2,998,411
LAWRENCE LIVERMORE NATIONAL SECURITY, LLC 2,998,331
LAZARATOS, SPYRIDON K. 2,998,519
LAZARATOS, SPYRIDON K. 2,998,522
LAZARUS, ALAN H. 2,998,909
LE, DZUNG 2,998,765

LEAPYEAR TECHNOLOGIES, INC. 2,998,839
LEAVESLEY, SILAS 2,998,380
LEBRUN, DANY 2,997,856
LECKELT, LINDSEY 2,997,265
LEDBETTER, JEFFREY A. 2,997,263
LEDERLE, HANS-PETER 2,998,447
LEDERLE, HANS-PETER 2,998,678
LEDERLE, HANS-PETER 2,998,794
LEE, BENJAMIN PAUL 2,998,411
LEE, CHITASE 2,998,681
LEE, HYEONYOUL 2,998,470
LEE, JUNG SEOK 2,997,442
LEE, TAI JUNG 2,997,856
LEE, TED TANG 2,998,398
LEEN, ANN MARIE 2,998,649
LEFEBVRE, CORALIE 2,998,299
LEFEBVRE, ERIC 2,998,509
LEGEIN, FILIP 2,998,688
LEGRAND, ARNAUD 2,998,441
LEGRAND, FABIENNE 2,998,737
LEGUYADER, CLARE L. M. 2,998,528
LEHR, DOUGLAS J. 2,998,580
LEI, GUAN-DAO 2,997,610
LEITHER, ANDY 2,997,369
LEMMENS-GRUBER, ROSA 2,998,443
LENG, LUHAO 2,998,746
LENZING AKTIENGESELLSCHAFT 2,997,403
LEO PHARMA A/S 2,998,972
LEOPOLDINO, SERGIO ROBERTO 2,998,695
LEOTAUD, LENNOX MARTIN 2,998,489
LEPESKA, PETER 2,998,320
LERNER, DAVID 2,998,320
LESAFFRE ET COMPAGNIE 2,998,279
LESCARBEAU, ANDRE 2,998,469
LEUKEMIA THERAPEUTICS, LLC 2,998,611
LEVCHAK, MICHAEL J. 2,998,485
LEWIS, BRYAN JOHN 2,998,338
LEWIS, JASON S. 2,998,420
LEWTAS, KENNETH 2,998,663
LEYBOLD GMBH 2,998,448
LI, BO 2,998,900
LI, CHENGZHI 2,998,905
LI, CHENGZHI 2,998,908
LI, LEPING 2,998,741
LI, LING 2,998,402
LI, LINLIN 2,998,141
LI, OULAN 2,998,158
LI, QUN 2,997,768
LI, XIAOQING 2,998,773
LI, YANBO 2,998,657
LIBERTI, MICHAEL, ANDREW 2,997,914
LIDDELL, SARAH 2,997,856
LIDDY, NATHANIEL ROSS 2,998,449
LIEBERMAN, DAVID R. 2,998,646
LIERSE, MARKUS GUNTHER WILFRIED 2,997,538
LIESS, MARTIN 2,997,615
LIESS, MARTIN 2,997,754
LIEU, PAULINE T. 2,998,396
LIFECELL CORPORATION 2,998,136
LILLY, JAMES D. 2,997,641
LILLY, JAMES D. 2,997,647
LILLY, JAMES D. 2,997,738
LILLY, JAMES D. 2,997,739
LILLY, JAMES D. 2,997,750
LILLY, JAMES D. 2,997,753
LIM, YEON-HEE 2,998,902
LIN, CALVIN 2,998,323
LIN, QIYAN 2,997,768
LIN, SHAO-LEE 2,998,183
LIN, WEIPING 2,998,153
LIN, YAYI 2,998,319
LINDH, DAVID C., SR. 2,997,391
LINDON, MATTHEW J 2,998,545
LINGAMPALLI, MOHAN RAO 2,998,117
LINKA, MARC 2,998,036
LIPPINCOTT, JOHN 2,998,350
LIU, ANDONG 2,998,401
LIU, CHONG 2,998,881
LIU, HAN 2,998,402
LIU, HUIBIN 2,998,359
LIU, JIAN 2,998,597
LIU, JONATHAN 2,998,522
LIU, NING 2,998,900
LIU, PO-YEN 2,998,319
LIU, RUOLONG 2,998,337
LIU, SIQI 2,998,419
LIU, WEIGUO 2,998,647
LIU, WEIGUO 2,998,902
LIU, XIAOHAI 2,998,459
LIU, YAN-FEI 2,998,288
LIU, YONGXIU 2,998,905
LIU, YONGXIU 2,998,908
LIU, YUE 2,998,716
LLAMBRICH PRECISION, S.L. 2,998,990
LLOVERA, LAURENCE 2,997,566
LOBNER, ERIC C. 2,997,538
LOCHER, GREGOIRE 2,998,272
LOCKHEED MARTIN CORPORATION 2,998,860
LOCKWOOD, JAMES D. 2,997,726
LOCKWOOD, JAMES D. 2,998,110
LOCKWOOD, JAMES D. 2,998,120
LOESSNER, MARTIN JOHANNES 2,997,539
LOGAN, JOSEPH 2,998,851
LOHR ELECTROMECANIQUE 2,998,955
LOLSBERG, WIBKE 2,998,446
LOMBAERT, POL 2,997,577
LOMBARDI, ROBERT 2,997,269
LOMBES, ANNE 2,998,747
LONGO, VALTER 2,998,682
LORENZON, ROBERTA 2,997,946
LOSCHER, FRANK 2,998,269
LOTZ, CLAIRE 2,998,866
LOU, HANQING 2,997,759
LOULIDI, SAMIR 2,998,688
LOURENCO, JOSE 2,998,529
LOVAS, BRIAN 2,998,524
LOWE, KEITH S. 2,998,761
LOWYS, PIERRE YVES 2,998,441
LU, HAILING 2,997,749
LU, YONG-CHEN 2,998,869
LUBDA, DIETER 2,998,422
LUBDA, DIETER 2,998,424
LUCAS, RUDOLF 2,998,443
LUCIDYNE TECHNOLOGIES, INC. 2,998,395
LUDWIG INSTITUTE FOR CANCER RESEARCH LTD 2,998,294
LUMITEX INC. 2,998,365
LUNDBERG, ANTE SVEN 2,998,287
LUSTENBERGER, PHILIPP 2,998,278
LUTHRA, AJAY 2,998,497
LUTOLF, MATTHIAS 2,997,375
M-I DRILLING FLUIDS U.K. LIMITED 2,998,751
M-I L.L.C. 2,997,409
M-I L.L.C. 2,998,385
MAAG, HANS 2,998,741
MAAG, HANS 2,998,793
MAAG, HANS 2,998,803
MAALIOUNE, HAKIM 2,998,954
MACDONALD, DWIGHT 2,998,885
MACDONALD, MICHAEL 2,998,388
MACH, NICOLAS 2,998,991
MACHADO, RODRIGO CESAR SALUM 2,998,184
MACKAY, MUNRO 2,998,516
MACKAY, MUNRO 2,998,975
MACKMAN, RICHARD L. 2,998,189
MACLEOD, ROBERT A. 2,998,382
MACOSKO, EVAN ZANE 2,997,906
MACPHERSON, JOHN D. 2,998,580
MADDELEIN, WENDY 2,998,195
MADDEN, TIMOTHY 2,998,867
MAGNIFICUS SOFTWARE INC. 2,998,896
MAHDI, KEN 2,998,511
MAHER, DAVID W. 2,998,466
MAILLET, ISABELLE 2,998,195
MAITLAND, TOD 2,998,851
MAITRA, PRITHWIRAJ 2,998,532
MAJERLE, KELSON J. 2,997,613
MALGAT, ALEXANDRE 2,998,256
MALU, SHRUTI 2,998,883
MALYALA, PADMA 2,998,995
MAMOLA, ROBERT 2,997,256
MANABE, KYOHEI 2,998,834
MANAHAN, JOSEPH MICHAEL 2,998,475
MANAHAN, JOSEPH MICHAEL 2,998,476
MANAHAN, JOSEPH MICHAEL 2,998,486
MANCHIRAJU, VENKATA KIRAN 2,998,413
MANEY, BILL 2,998,969
MANNIE, MARK D. 2,998,390
MANNING, PAMELA 2,998,644
MARCIANTE, JOHN R. 2,998,492
MARCIS, RICHARD 2,997,807
MARITZ, DIRK JACOBUS 2,998,692
MARL TECHNOLOGIES INC. 2,998,280
MARONEY, KYLE 2,997,280
MARONEY, KYLE 2,998,122
MARONEY, KYLE 2,998,128
MARONEY, KYLE 2,998,403

MARONEY, KYLE 2,998,544
MARONEY, KYLE 2,998,790
MARREC, PHILIPPE 2,997,568
MARSMAN, HERMAN GEERT 2,997,522
MARTELLI, MARIA 2,998,042
MARTIN, PAUL TAYLOR 2,998,636
MARTIN, PETER 2,998,971
MARTINEZ ESCRIBANO, JOSE ANGEL 2,998,823
MARTINEZ GRAULLERA, OSCAR 2,998,680
MARTINEZ, TAMARA 2,997,648
MASON, DEAN 2,998,503
MASON, MATTHEW 2,997,280
MASON, MATTHEW T. 2,998,122
MASON, MATTHEW T. 2,998,128
MASON, MATTHEW T. 2,998,403
MASON, MATTHEW T. 2,998,544
MASON, MATTHEW T. 2,998,790
MASONITE CORPORATION 2,998,388
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,997,906
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,998,680
MASSINON, DENIS 2,997,386
MASTERCARD INTERNATIONAL INCORPORATED 2,998,151
MASTROPIETRO, FEDERICO LUIGI 2,998,371
MASTROVICH, LAWRENCE A. 2,998,209
MASUDA, HISASHI 2,998,566
MATHELIER, MARTIN ANTOINE 2,998,736
MATHES, CHRISTIAN 2,998,278
MATHEW, SUNIL I. 2,997,783
MATSUDA, HIROKI 2,998,997
MATSUI, KAZUNORI 2,998,311
MATSUNAMI, TOMOYUKI 2,998,985
MATTSSON, MATS OLOF ERIK 2,996,723
MATUSOV, PETER 2,998,439
MAULHARDT, HOLLY 2,998,483
MAURACHER, CHRISTOPH 2,998,667
MAURO, DAVID J. 2,998,889
MAUSSNER, RANDOLPH 2,998,546
MAX BOGL WIND AG 2,998,534
MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V. 2,998,287
MAXIVAX SA 2,998,991
MAYES, DUNCAN 2,998,467
MAYES, DUNCAN 2,998,561
MBOFUNG, RINA N. 2,998,883
MCCARROLL, STEVEN ANDREW 2,997,906
MCCARTHY, CLIVE 2,998,250
MCCOLLEY, KENT A. 2,997,613
MCCOOL, KIEL ANTHONY 2,998,319
MCCREA, KEITH R. 2,998,767
MCDANIEL, ZEBEDIAH L. 2,998,396
MCGINLEY, KIMBALL B. 2,998,418
MCGRANAHAN, NICHOLAS 2,997,651
MCINTOSH, JONATHAN 2,997,426
MCKENZIE, DAVID 2,998,508
MCKENZIE, JODI A. 2,998,883
MCKINNEY, JUSTIN 2,998,842
MCLAUGHLAN, COLIN 2,998,617
MCLAUGHLIN, MARK 2,998,646
MCMECHAN, CHRISTIAN TERRY PROCH 2,998,879
MCNAMEE, STEPHEN 2,998,383
MCPP BELGIUM BVBA 2,997,690
MCPP INNOVATION LLC 2,997,690
MEDIDATA SP. Z O.O. 2,998,086
MEDINA, CARLOS E. 2,998,348
MEDISIEVE LTD 2,997,546
MEDIZINISCHE UNIVERSITAT WIEN 2,998,253
MEGAKARYON CORPORATION 2,998,463
MELALEUCA, INC. 2,998,765
MELCHIOR MATERIAL AND LIFE SCIENCE FRANCE 2,998,906
MELNICK, JOEL Z. 2,998,426
MEMON, ASHIF IQBAL 2,998,652
MEMORIAL SLOAN KETTERING CANCER CENTER 2,997,318
MEMORIAL SLOAN KETTERING CANCER CENTER 2,997,551
MEMORIAL SLOAN KETTERING CANCER CENTER 2,997,757
MEMORIAL SLOAN KETTERING CANCER CENTER 2,998,420
MEMORIAL SLOAN KETTERING CANCER CENTER 2,998,753
MENSCHNER, MARTIN 2,998,960
MERCK PATENT GMBH 2,998,422
MERCK PATENT GMBH 2,998,424
MERCK SHARP & DOHME CORP. 2,998,646
MERCK SHARP & DOHME CORP. 2,998,902
MERCK SHARP & DOHME LIMITED 2,998,646
MEREDITH, MATTHEW T. 2,998,194
MERIT MEDICAL SYSTEMS, INC. 2,998,732
MERTZ, ERIC 2,998,902
METABOLIC TECHNOLOGIES, INC. 2,998,870
METACRINE, INC. 2,998,493
METENOU, SIMON 2,998,589
MEUNIER, JEFFREY ARTHUR 2,997,256
MEURER, HANS CHRISTOPH 2,998,551
MEYER, NATHAN 2,997,763
MEZA, HUMBERTO 2,998,354
MICELL TECHNOLOGIES, INC. 2,997,668
MICHIELS, WILHELMUS JOHANNES GERARDUS 2,997,836
MICREOS HUMAN HEALTH B.V. 2,997,539
MIGNET, NATHALIE 2,998,541
MIHAILA, SILVIA MARIA 2,997,518
MIHALACHE, LIVIU 2,998,404
MIKLITARIAN, ALAIN 2,998,784
MILCZEK, ERIKA M. 2,998,646
MILLAR, MACKENZIE 2,998,529
MILLER, JEFFREY 2,998,584
MILLER, JEFFREY C. 2,998,500
MILLER, JOSH 2,998,395
MILLER, MARK 2,998,395
MILLER, MARVIN J. 2,998,375
MILLER, MATTHEW DANIEL 2,998,860
MILLER, MICHAEL 2,998,327
MILLER, STEVE 2,998,381
MILLER, TRAVIS JAMES 2,997,775
MILLER, TRAVIS JAMES 2,997,780
MILLERO, EDWARD R., JR. 2,998,141
MILONE, MARY L. 2,998,732
MILTON, MICHAEL 2,998,439
MIN, JAEKI 2,998,753
MINAMI, KAZUYUKI 2,998,834
MINARD, CORINNE 2,997,851
MINCON NORDIC OY 2,998,454
MINNITI, EDUARDO 2,998,379
MIRACCO, EDWARD JOHN 2,998,370
MIRETSKY, ALEXANDER 2,998,337
MISENER, JAMES ALAN 2,991,314
MIYAZAKI, RYOUTA 2,998,307
MIYAZAKI, RYOUTA 2,998,310
MIYAZAKI, YASUNOBU 2,998,328
MOAIERY, ALI 2,998,327
MODDELMOG, GUENTER 2,998,422
MODDELMOG, GUENTER 2,998,424
MODERNA THERAPEUTICS, INC. 2,998,370
MODERNATX, INC. 2,998,810
MOFFAT, NATHAN 2,998,824
MOFFETT, ROSS E. 2,997,933
MOHAPATRA, SAURAV 2,998,572
MOISSON, ROSA MARCELA 2,998,103
MOLEAC PTE LTD. 2,998,577
MOLINES, GERARD 2,998,737
MOLLOY, PETER EAMON 2,998,449
MOLLOY, PETER EAMON 2,998,452
MOLOGEN AG 2,997,319
MOLOGEN AG 2,998,265
MONKEY PUMPS, LLC 2,997,807
MONNEE, MENNO CORNELIS FRANCISCUS 2,997,430
MONNEE, MENNO CORNELIS FRANCISCUS 2,997,501
MONNEE, MENNO CORNELIS FRANCISCUS 2,997,541
MONNEE, MENNO CORNELIS FRANCISCUS 2,997,543
MONNEE, MENNO CORNELIS FRANCISCUS 2,997,545
MONTERO, FRANCISCO 2,998,680
MONTES, VINCE 2,997,263
MONTUPET S.A. 2,997,386
MOORE, FREDERICK ALLEN 2,998,920
MOORE, JEFFREY C. 2,998,646

MORAES, TIAGO 2,998,379
MORASKI, GARRETT 2,998,375
MOREIRA, CARLOS JAVIER 2,998,337
MORI, GREGORY PETER 2,998,956
MORSE, SHARI LEE 2,998,736
MOTOROLA SOLUTIONS, INC. 2,998,326
MOUSAVI GHANAVATI, SEYED PARSA 2,998,896
MOVSESYAN, EDWARD 2,998,907
MOYER, SCOTT 2,997,469
MOZER, REESE ALEXANDER 2,998,415
MUELLER, BERNHARD K. 2,998,183
MUHLENHOFF, DIRK 2,998,290
MULLER, SIMON 2,998,560
MULLER, SIMON 2,998,562
MULLICK, ADAM 2,998,898
MULTIMATIC INC. 2,998,496
MURALIDHARA, BILIKALLAHALLI K. 2,998,995
MURPHY, HUGH GERARD HENRY TRACEY 2,997,538
MURPHY, JOHN 2,998,732
MURRAY, GAVIN MICHAEL 2,998,920
MURRY, JEFFREY PATRICK 2,997,955
MUSSER, ROBERT 2,998,157
MUSSO, COSTANZA 2,998,715
MUTHUSAMY, DURAISAMY 2,998,451
MUTHUSAMY, DURAISAMY 2,998,976
MYANT INC. 2,998,892
NAAMAN, OFER 2,998,363
NAAS, THIERRY 2,997,851
NACCACHE, SAMIA 2,998,381
NADAL, JONATHAN JORGE 2,998,685
NAGAI, AKINORI 2,998,833
NAGARAJ, VINAY 2,998,592
NAGASAWA, JOHNNY Y. 2,998,493
NAGRAVISION S.A. 2,998,977
NAKAHAMA, HIDENARI 2,998,479
NAKAMURA, MASAHARU 2,998,559
NAKAYAMA, NORIAKI 2,998,836
NAKAZAWA, YOSHIAKI 2,998,314
NANNA, ALEX R. 2,998,740
NANOPHARM LIMITED 2,998,988
NARASIMHAN, MANDAYAM 2,998,497
NATALA, SRINIVASA REDDY 2,998,316
NATARAJAN, CHANDRASHEKAR 2,998,488
NATIONAL OILWELL VARCO, L.P. 2,997,775
NATIONAL OILWELL VARCO, L.P. 2,997,780
NAWROCKI, JESSE 2,997,391
NAYAK, ANANTHA 2,998,585
NEC CORPORATION 2,998,460
NEELAMKAVIL, SANTHOSH F. 2,998,902
NELSON, JENNIFER 2,998,370
NELSON, PHILIP D. 2,998,864
NERURKAR, ISHAAN 2,998,839
NESTEC S.A. 2,998,692
NETFLIX, INC. 2,998,749
NEUBAUM, STEVE 2,997,426
NEUMANN SPACE PTY LTD 2,998,508
NEUMANN, PATRICK 2,998,508
NEW-TEC INTEGRATION (XIAMEN) CO., LTD. 2,998,746
NEWLAND, ANTHONY JAMES 2,998,319
NGUYEN, LE-HUONG 2,998,668
NGUYEN, VINH-LOC 2,997,255
NICHOLAS, BRAD 2,998,345
NICOLAS, EMMANUELLE 2,997,428
NICOLAS, FREDERIC 2,998,232
NICOLSON, GARTH 2,998,325
NICOVENTURES HOLDINGS LIMITED 2,998,558
NICOVENTURES HOLDINGS LIMITED 2,998,563
NIETO, MARCELIANO 2,998,866
NIHON MEDI-PHYSICS CO., LTD. 2,998,985
NIKKHAH, ALI 2,998,209
NILSSON, MATS 2,998,878
NIPPON KAYAKU KABUSHIKI KAISHA 2,998,559
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,998,314
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,998,328
NISHIO, YUKIHIRO 2,998,995
NISSAN MOTOR CO., LTD. 2,998,301
NISSAN MOTOR CO., LTD. 2,998,600
NISSAN MOTOR CO., LTD. 2,998,831
NISSHIN FOODS INC. 2,998,322
NISSHINBO MECHATRONICS INC. 2,998,479
NISSMAN, CHRIS 2,998,842
NITTO DENKO CORPORATION 2,998,153
NOAKES, AARON 2,998,137
NOBLE DRILLING SERVICES INC. 2,998,855
NORDIN, KENNETH 2,996,723
NORTHCOTT, BENJAMIN RYAN 2,998,638
NORTHCOTT, BENJAMIN RYAN 2,998,640
NORTHROP GRUMMAN SYSTEMS CORPORATION 2,998,363
NORTHWEST BIOTHERAPEUTICS, INC. 2,998,614
NOVACK, EDWARD A. 2,998,404
NOVADAQ TECHNOLOGIES ULC 2,998,698
NOVADAQ TECHNOLOGIES ULC 2,998,699
NOVADAQ TECHNOLOGIES ULC 2,998,920
NOVALIQ GMBH 2,998,269
NOVARTIS AG 2,998,278
NOVARTIS AG 2,998,971
NOVARTIS AG 2,998,996
NOVARTIS AG 2,998,998
NOVELIS INC. 2,998,379
NUFERN 2,998,515
NUOVO PIGNONE TECNOLOGIE SRL 2,998,779
NUTRIQUEST, LLC 2,998,157
NY, TOR 2,998,686
NYE, JAMES E. 2,997,261
O'DONOGHUE, JOHN 2,998,552
O'DRISCOLL, DAVID 2,998,824
O'NEILL, KIM 2,998,406
O'NEILL, LIAM 2,998,552
O'NEILL, PATRICK 2,998,855
OBEID, RODOLPHE 2,998,223
OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOST'YU "OBEDINENNAYA KOMPANIYA RUSAL INZHENERNO-TEKHNOLOGICHESKIY TSENTR" 2,997,990
OCERA THERAPEUTICS, INC. 2,998,490
OERKE, PER REIDAR 2,997,832
OFFERSEN, RASMUS 2,998,265
OGAWA, KENTO 2,998,307
OGAWA, KENTO 2,998,310
OGG, JEREMY WILLIAM 2,998,641
OGLAZA, JEAN-FRANCOIS 2,998,697
OGNIBENE, ROBERTO 2,998,422
OGNIBENE, ROBERTO 2,998,424
OHLMEYER, MICHAEL 2,997,769
OHLMEYER, MICHAEL 2,997,784
OHNISHI, HISAO 2,998,834
OHNISHI, KEISUKE 2,998,832
OHNO, SHIGEYUKI 2,998,462
OKAMOTO, HARUKI 2,998,463
OKUMURA, YUKI 2,998,985
OLDBURY, ROSS 2,998,558
OLDBURY, ROSS 2,998,563
OLDEWURTEL, KASSEN 2,998,431
OLESEN, ROBERT L. 2,997,759
OLIVEIRA, MARIANA MACEDO 2,998,490
OLSON, ERIK C. 2,998,352
OLSON, ERIK C. 2,998,356
OMNIO AB 2,998,686
OMNIOME, INC. 2,992,980
OOI, SIEW-LOON 2,998,263
OOSTERWIJK, EGBERT 2,997,518
OOSTHUYSEN, HELGARD 2,998,319
OPIETNIK, MARTINA 2,997,403
OPKO IRELAND GLOBAL HOLDINGS, LTD. 2,998,426
ORLANDINI VON NIESSEN, ALEXANDRA 2,998,554
ORTIZ BATALLE, ANTONI 2,998,990
ORUC, AHMET 2,998,675
OSAFUNE, KENJI 2,998,096
OSAKA GAS CO., LTD. 2,998,834
OSPEDALE SAN RAFFAELE S.R.L. 2,998,270
OSTERMEIER, PETER 2,998,447
OSTERMEIER, PETER 2,998,678
OSTERMEIER, PETER 2,998,794
OTERI, OGHENEKOME 2,997,759
OTSIG, LESLEY MYRON 2,998,920
OTSUKA, KENICHIRO 2,998,314
OTT, HARALD C. 2,998,130
OTTO BOCK HEALTHCARE PRODUCTS GMBH 2,998,799

OVAL CORPORATION 2,998,836
OWEN OIL TOOLS LP 2,997,316
OWNBY, JOHN FIELDING 2,997,615
OZAKI,YOSHITOMO 2,998,718
PAGE, NATALIE 2,998,410
PAIEMENT, NADINE 2,998,223
PALMER, LARRY T. 2,997,921
PAN, YONGCHUN 2,997,768
PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD. 2,998,307
PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD. 2,998,310
PANEDA, COVADONGA 2,997,648
PANERATECH, INC. 2,998,778
PANG, SHIHUA 2,998,905
PANHANS, JURGEN 2,998,201
PANKHURST, QUENTIN ANDREW 2,997,546
PAPANICOLAU, NAUM 2,998,399
PAPAPETRIDIS, IOANNIS 2,998,981
PARABEL LTD. 2,998,510
PARABEL LTD. 2,998,524
PARK, HANGIL 2,998,343
PARK, HONGKUN 2,997,906
PARK, JANGJOON 2,998,470
PARKER, EVAN HARDESTY 2,998,733
PARTOUCHE, ALAIN 2,998,715
PARTOUCHE, FRANCK LOUIS SIMON 2,998,715
PASCHON, DAVID 2,998,500
PASSERELLO, CORY ANTHONY 2,998,641
PASTEURIZATION TECHNOLOGY GROUP, INC. 2,998,374
PASTUSHAK, PAUL PETER 2,998,750
PATENAUDE, ALEXANDRE 2,998,557
PATERSON, YVONNE 2,998,857
PATURI, JYOTSNA 2,998,376
PAUL, AARON R. 2,998,395
PAULET, BRYAN A. 2,997,933
PAUNESCU, ALEXANDRU 2,998,376
PAWLIK, ROLAND 2,998,799
PAWLOWSKI, NIKOLAUS 2,998,036
PAYNE, STEPHEN A. 2,998,331
PECCETTI, ERALDO 2,987,149
PEDROZA, JOSEPH E. 2,997,260
PEERS, SUSAN H. 2,998,426
PEGGS, KARL 2,997,651
PELI, ELIEZER 2,998,904
PENG, FENG 2,998,646
PENG, YANG 2,998,843
PEPSICO, INC. 2,998,736
PERERA, ANTHONY 2,997,369
PERKINS, JASON T. 2,997,391
PEROT, JEAN-MARC 2,998,505
PERPEZAT, DANIEL 2,998,313
PERSONS, BARBARA 2,998,845
PETERSON, MARK L. 2,998,885
PETIT, ROBERT 2,998,889
PETKOVICH, P. MARTIN 2,998,426
PEZZUOLO, ANDREA 2,998,334
PHELPS, CAROL 2,998,187
PHILIP MORRIS PRODUCTS S.A. 2,998,232
PHILIP MORRIS PRODUCTS S.A. 2,998,256
PHILIP MORRIS PRODUCTS S.A. 2,998,286
PHILIP MORRIS PRODUCTS S.A. 2,998,858
PHILIP MORRIS PRODUCTS S.A. 2,998,950
PHILIP MORRIS PRODUCTS S.A. 2,998,984
PHILIPPSEN, AARON 2,998,738
PHILLIPPI, MAX L. 2,998,318
PICCININI, FERNANDO 2,998,962
PICKFORD, KEITH GRAHAM 2,997,836
PIETRUSKE, HEIKO 2,998,821
PIKE, KURT GORDON 2,997,399
PINZONE, BASIL F., JR. 2,997,742
PINZONE, JOSEPH F. 2,997,624
PIONEER HI-BRED INTERNATIONAL, INC. 2,998,391
PIONEER HI-BRED INTERNATIONAL, INC. 2,998,761
PIONEER LINING TECHNOLOGY LIMITED 2,998,820
PIVERT, LAURENT 2,998,313
PLAHEY, KULWINDER S. 2,997,755
PLONKA, REINER 2,998,428
PLOVIER, HUBERT 2,998,039
PODAIMA, JASON EDWARD 2,998,337
POGGI, PAUL 2,998,952
POLEGANOV, MARCO ALEXANDER 2,998,554
POLEGATO MORETTI, MARIO 2,997,654
POLIDORI, DAVID C. 2,998,730
POLLARD, HARVEY B. 2,998,533
POLONI, LIVIO 2,997,654
POLYMERPLUS, LLC 2,998,573
PONA, JERZY 2,997,828
PONNALA, SHASHIKANTH 2,998,420
PONSSE OYJ 2,998,983
PONSSE OYJ 2,998,987
PONTING, MICHAEL T. 2,998,573
POPP, ANDREAS 2,998,183
POPP, FRANZ 2,998,447
POPP, FRANZ 2,998,794
POREE, FABIEN 2,998,036
POWELL, ANTHONY L. 2,998,285
POWELL, MICHAEL CALEB 2,998,413
POWELL, THOMAS J. 2,998,540
PPG INDUSTRIES OHIO, INC. 2,998,141
PRACA, EMILIE 2,997,336
PRASAD, SRIDHAR G. 2,998,316
PRATI, DONADUZZI & CIA LTDA 2,998,739
PRECITEC GMBH & CO. KG 2,998,713
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,997,906
PRESNAIL, JAMES KEVIN 2,998,391
PRESTON, ALEXANDER G 2,998,545
PRESTON, VICTORIA 2,998,842
PRESTON, WILLIAM M. 2,997,269
PRICE, GENE 2,998,544
PRICE, GENE TEMPLE 2,997,280
PRICE, GENE TEMPLE 2,998,122
PRICE, GENE TEMPLE 2,998,128
PRICE, GENE TEMPLE 2,998,403
PRICE, GENE TEMPLE 2,998,790
PRICE, ROBERT 2,998,988
PRIEBE, WALDEMAR 2,998,867
PRIMAPAK, LLC 2,998,754
PRINZ, ADRIAN 2,998,667
PRIYADARSHI, SHIVAM 2,998,593
PROFIRE ENERGY, INC. 2,998,638
PROFIRE ENERGY, INC. 2,998,640
PROKSA, JAROSLAW 2,997,828
PRONIUK, STEFAN 2,998,924
PRONK, JACOBUS THOMAS 2,998,981
PROPAGENIX INC. 2,998,372
PROTHENA BIOSCIENCES LIMITED 2,998,716
PROVOST, ROBIN 2,998,505
PUGA, ALBERTO VACA 2,998,210
PUGH, TOBY 2,997,933
PUMA SE 2,998,546
PURAC BIOCHEM B.V. 2,998,683
PURATOS NV 2,998,299
PURO, ROBYN 2,998,644
PURRENHAGE, BENJAMIN JOHN 2,998,327
PUSARD, MICKAEL 2,997,795
PYNNONEN, JANNE 2,998,467
PYNNONEN, JANNE 2,998,561
QBO COFFEE GMBH 2,998,453
QCS QUALITY CONSULT SERVICE GMBH 2,998,764
QIAO, LEI 2,997,768
QIU, PING 2,997,915
QIU, YAJIE 2,998,288
QU, BINGYU 2,998,744
QU, MENG 2,998,726
QUALCOMM INCORPORATED 2,991,314
QUALCOMM INCORPORATED 2,998,337
QUALCOMM INCORPORATED 2,998,593
QUAZI, NURUL 2,998,643
QUEEN'S UNIVERSITY AT KINGSTON 2,998,288
QUEZADA, SERGIO 2,997,651
QUICK FITTING, INC. 2,998,854
QUINTANAR, FELIX C. 2,998,324
QUIPOURT, ANNE-DOMINIQUE 2,998,279
RACZ, N. SANDOR 2,998,368
RADER, CHRISTOPH 2,998,740
RADICLE ORTHOPAEDICS 2,998,478
RAFIEE, MAHMOUD-REZA 2,998,549
RAI STRATEGIC HOLDINGS, INC. 2,997,914
RAI STRATEGIC HOLDINGS, INC. 2,998,763
RAIRIGH, JAMES G. 2,998,837
RAMI, JEAN-PAUL 2,998,954
RAMIREZ, LILIAN 2,998,139
RAMIREZ, LILIAN 2,998,191
RANE, JAYANT 2,998,843
RASHID, KAZI M. 2,998,485

RASTOGI, MUKUL 2,998,404
RATRON, YVES-ALAIN 2,998,697
RAUCCI, FRANCA 2,998,682
RAUTER, HOLGER 2,998,924
RAVENSBERG, TOM 2,998,502
RAVNDAL, OLA 2,998,743
RAY, ADRIAN S. 2,998,189
RAY, SUMAN SINHA 2,998,610
RAYTHEON COMPANY 2,998,719
REATA PHARMACEUTICALS, INC. 2,998,681
REBAR, EDWARD J. 2,998,500
RECOMBINETICS, INC. 2,998,654
RECYOUEST 2,998,103
REDDY, B. RAGHAVA 2,997,422
REDDY, B. RAGHAVA 2,997,423
REDFERN, DAVID 2,997,369
REGENERON PHARMACEUTICALS, INC. 2,998,642
REGENTS OF THE UNIVERSITY OF MINNESOTA 2,998,584
REGEV, AVIV 2,997,906
REINER, ALBERTO 2,998,276
REINER, GIORGIO 2,998,276
REINZ-DICHTUNGS-GMBH 2,998,675
REIS, THOMAS 2,997,318
REN, XI 2,998,130
RENNER, MARKUS 2,998,447
RENNER, MARKUS 2,998,794
RENQUIST, JOHN HOWARD 2,998,723
RENSTROM, ERIK 2,997,318
RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK 2,998,420
RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL 2,998,636
RESEARCH INSTITUTE OF NATIONWIDE CHILDREN'S HOSPITAL 2,998,597
REUBERSON, JAMES THOMAS 2,998,802
REVAIR, LLC 2,997,339
REVENKO, ALEXEY 2,998,382
REVIVICOR, INC. 2,998,187
REVOLVER 26 INVESTMENT CORPORATION 2,997,265
REYES, LARISA MAE Q. 2,997,751
REYTOR SAAVEDRA, EDEL 2,998,823
REZAI, TAHA 2,992,982
RHEBO GMBH 2,998,960
RHEOMICS INC. 2,998,812
RHODEN-SMITH, AMY 2,998,370
RICH, THOMAS 2,998,380
RICHARD, BENNETT 2,998,580
RICHARD, LANNIG 2,998,973
RICHARD, LUC 2,998,885
RICHMOND, JOSHUA LEE 2,998,645
RICHTER, HAGEN KLAUS GUNTHER 2,998,287
RICHTER, THOMAS 2,998,556
RIDAY, RICHARD B. 2,998,498
RIEDEL, PETER 2,998,996
RIEMENS, ABRAHAM KAREL 2,997,522
RINGO, ALEXANDER 2,998,136
RISS, BERNARD 2,998,278
RITTER, MICHAEL 2,998,439
ROARK, WILLIAM H. 2,998,681
ROBERTS, WENDY 2,998,395
ROBERTSON, LOGAN TODD 2,998,489
ROBINSON, BRANDON MICHAEL 2,997,907
ROBINSON, JOHN 2,998,388
ROCHE, KEVIN 2,998,552
ROCKWELL MEDICAL, INC. 2,997,328
RODLUVAN INC. 2,996,723
ROGGE, EVA 2,998,688
ROHM AND HAAS COMPANY 2,997,751
ROHM AND HAAS COMPANY 2,998,402
ROMANO, JOSEPH 2,997,280
ROMANO, JOSEPH 2,998,122
ROMANO, JOSEPH 2,998,128
ROMANO, JOSEPH 2,998,403
ROMANO, JOSEPH 2,998,544
ROMANO, JOSEPH 2,998,790
ROMANOV, VASILY V. 2,998,757
ROMERO, REBECCA 2,998,153
ROMMEL, GARY J. 2,998,719
ROMMEL, MARTIN 2,998,364
RONDONI, JOHN 2,998,341
ROSA, PATRICIA MOURA 2,998,739
ROSCA, FLORIN 2,998,334
ROSE, CHRISTOPHER F. 2,998,490
ROSEBRAUGH, MATTHEW R. 2,998,183
ROSEN, KERSTIN 2,997,945
ROSENBERG, STEVEN A. 2,998,869
ROSENGREN, GARY W. 2,997,770
ROSENTHAL, NORMAN R. 2,998,730
ROSENTHAL, RACHEL 2,997,651
ROSENWASSER, EDWARD 2,998,478
ROSENWASSER, MELVIN 2,998,478
ROSHTKHARI JAVAN, MEHRSAN 2,998,956
ROSS, CALLUM MCDONALD 2,998,319
ROSS, RICHARD 2,998,565
ROTH, GREGORY BRANCHEK 2,997,922
ROTHENBERG, PAUL 2,998,730
ROTHENBERGER, RICHARD E. 2,998,475
ROUSH, WILLIAM R. 2,998,740
ROWAN, ALAN EDWARD 2,997,518
ROY, PIERRE-OLIVIER 2,998,505
ROZOT, THIERRY 2,997,561
RUBIN, GREGORY ALAN 2,997,922
RUEGE, ALEXANDER 2,998,778
RUFITSKIY, VASILY ALEXEEVICH 2,998,468
RUIJSSENAARS, HARALD JOHAN 2,998,683
RUNDQUIST, VICTOR FREDERIC 2,998,413
RUPPEL, MANFRED 2,997,691
RUSSCHER, JACOB CORNELIS 2,997,430
RUSSCHER, JACOB CORNELIS 2,997,501
RUSSCHER, JACOB CORNELIS 2,997,541
RUSSCHER, JACOB CORNELIS 2,997,543
RUSSCHER, JACOB CORNELIS 2,997,545
RUSSELL, GUY 2,998,110
RUSSELL, JOHN D. 2,998,879
RUZZIN, JEROME 2,997,652
RYANN, WILLIAM F. 2,998,848
RYNERSON, MICHAEL LANDRY 2,998,505
RYTEC CORPORATION 2,998,786
S.P.M. DRINK SYSTEMS S.P.A. 2,998,568
SAAS, JOACHIM 2,998,665
SABZEVARI, HELEN 2,998,589
SADEGHIAN, ALIREZA 2,998,399
SADELAIN, MICHEL 2,997,551
SAFRAN NACELLES 2,998,954
SAHIN, UGUR 2,998,450
SAHIN, UGUR 2,998,554
SAINT-GOBAIN GLASS FRANCE 2,998,306
SALSGIVER, ROBERT S. 2,997,613
SAMANO, VICENTE 2,998,826
SAMANO, VICENTE 2,998,827
SAMAYOA, ERIK 2,998,381
SAMES, DALIBOR 2,998,868
SAMSUNG ELECTRONICS CO., LTD. 2,998,701
SAMTEC, INC. 2,997,919
SANDOZ AG 2,998,578
SANDOZ AG 2,998,579
SANFILIPPO, JAMES J. 2,998,754
SANFILIPPO, JOHN E. 2,998,754
SANGAMO THERAPEUTICS, INC. 2,998,500
SANGANGI, DHAVAL JAYKANT 2,998,452
SANGHAVI, PRANAV 2,998,178
SANGHAVI, PRANAV P. 2,998,184
SANTOS, CARLOS F. 2,998,548
SANTROCK, ROBERT D. 2,998,481
SANTROCK, ROBERT D. 2,998,727
SAPPORO HOLDINGS LIMITED 2,998,474
SAPPORO HOLDINGS LIMITED 2,998,567
SAPPORO HOLDINGS LIMITED 2,998,729
SARUNIC, MARINKO 2,998,150
SASAGAWA, MICHIKO 2,998,307
SATO, TAKANORI 2,998,569
SAUDI ARABIAN OIL COMPANY 2,997,317
SAUDI ARABIAN OIL COMPANY 2,997,353
SAUDI ARABIAN OIL COMPANY 2,997,422
SAUDI ARABIAN OIL COMPANY 2,997,423
SAUDI ARABIAN OIL COMPANY 2,998,856
SCA FOREST PRODUCTS AB 2,998,571
SCA FOREST PRODUCTS AB 2,998,574
SCANLAN, SEAN F. 2,998,481
SCANLAN, SEAN F. 2,998,727
SCHABAILLIE, ETIENNE 2,998,064
SCHALK, DAVID A. 2,998,550

SCHARF, KIM 2,997,691
SCHEELE, JANNIK 2,997,276
SCHEELE, JANNIK 2,997,278
SCHEER, DANIEL 2,998,955
SCHEFFELIN, JOSEPH EDWARD 2,997,276
SCHEFFELIN, JOSEPH EDWARD 2,997,278
SCHEFFELIN, JOSEPH EDWARD 2,998,527
SCHERER, DIETER 2,998,269
SCHERMAN, DANIEL 2,998,541
SCHLAMA, THIERRY 2,998,278
SCHLEICHER, ECKHARD 2,998,821
SCHLUMBERGER CANADA LIMITED 2,998,726
SCHLUMS, HEINRICH 2,998,584
SCHMAHL, JENNIFER 2,998,642
SCHMELTZ SOGAARD, OLE 2,998,265
SCHMIDT, JOHANN 2,998,984
SCHMIDT, MANUEL 2,997,319
SCHMIDT, MANUEL 2,998,265
SCHMOLL, JEREMY A. 2,998,347
SCHNEIDER, PETER 2,998,162
SCHOBER, UWE 2,997,276
SCHOBER, UWE 2,997,278
SCHOEPF, JEFFREY RICHARD 2,998,641
SCHOETTLE, ISABELL 2,998,665
SCHRODER, STUART GARTH 2,998,750
SCHROER, DANIEL R. 2,998,553
SCHROFF, MATTHIAS 2,997,319
SCHROFF, MATTHIAS 2,998,265
SCHUBERT, ARNO 2,998,671
SCHUBERT, ARNO 2,998,690
SCHUCH, RAYMOND 2,998,484
SCHUCH, RAYMOND 2,998,507
SCHUH, FLORIAN 2,998,776
SCHULMAN, BRENDA A. 2,998,753
SCHULTZ, MATT 2,998,478
SCHUMANN, ULF 2,997,640
SCHWARZ, JOACHIM 2,998,713
SCHWEGLER, TOBIAS 2,998,776
SCHWENDEMAN, JOHN E. 2,998,141
SCHWIER, SEBASTIAN 2,998,259
SCOTT, DANIEL C. 2,998,753
SCOTT, JOHN 2,998,250
SCOTT, PETER 2,998,663
SEAL, JONATHAN THOMAS 2,998,545
SEARS, STEPHEN, BENSON 2,997,914
SEDDON, KENNETH RICHARD 2,998,210
SEDEJ, GASPER 2,997,824
SEEKUP, PETER ALAN 2,998,319
SEGUIN, JOHANNE 2,998,541
SEIDEL, CHRISTOPH 2,998,206
SEIFI, MOZHDEH 2,998,661
SEIFI, MOZHDEH 2,998,670
SEIFI, MOZHDEH 2,998,672
SEIFI, MOZHDEH 2,998,676
SEIFI, MOZHDEH 2,998,690
SEILER, THEO 2,998,996
SEIPEL, CHRISTOPH 2,998,556
SEKISUI CHEMICAL CO., LTD. 2,998,305
SEKISUI CHEMICAL CO., LTD. 2,998,332
SELLAM, JEREMIE 2,997,946
SEPRO MINERAL SYSTEMS CORP. 2,998,417
SEREBRIISKII, ILYA 2,997,428
SERINO, ROLAND 2,997,269
SETH, PUNIT P. 2,998,898
SETIAWAN, BARRY 2,998,532
SETTEMBRE, CARMINE 2,998,267
SETTINERI, ROBERT A. 2,998,325
SHABBIR, WAHEED 2,998,443
SHAH, HARDIK S. 2,998,184
SHAH, PARAG NAGINLAL 2,998,411
SHAHAL, AVNER 2,998,300
SHALEK, ALEXANDER K. 2,997,906
SHANGHAI JIAO TONG UNIVERSITY 2,998,900
SHANGHAI JINGXIN BIOMEDICAL CO., LTD. 2,998,758
SHANGYU JINGXIN PHARMACEUTICAL CO., LTD. 2,998,758
SHARIEF, VAQAR 2,997,768
SHARMA, PRAVEEN 2,998,469
SHARP KABUSHIKI KAISHA 2,998,304
SHARP KABUSHIKI KAISHA 2,998,606
SHARPE, PAMELA L. 2,998,761
SHAUGHNESSY, MICHAEL 2,998,839
SHEFFIELD, WILLIAM PETER 2,998,909
SHEKHAWAT, SUJAN SINGH 2,997,536
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,997,360
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,997,373
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,998,451
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,998,516
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,998,975
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,998,976
SHELLEY, CARL SIMON 2,998,611
SHEN, DONG-MING 2,998,902
SHERMAN, FAIZ FEISAL 2,998,527
SHEVGOOR, SIDDARTH 2,998,359
SHI, CHONGSHENG ERIC 2,997,768
SHI, QING 2,998,400
SHI, QING 2,998,401
SHIAU, ANDREW 2,998,294
SHIGEMORI, TOMOHIRO 2,998,463
SHIN, SEUNG 2,998,969
SHINOZAKI, YUICHI 2,998,972
SHISHIDO, MASAYUKI 2,998,600
SHIVKUMAR, BAGAVANT 2,997,568
SHOCHAT, MORAN 2,998,298
SHOEMAKE, JAMES 2,998,368
SHORELINE AS 2,997,644
SHRIVASTAVA, DHAIRYA 2,998,861
SHULZ, ROBERT 2,997,770
SHUR, JAGDEEP 2,998,988
SHURE ACQUISITION HOLDINGS, INC. 2,997,256
SI, PING 2,998,319
SIAO, CHIA-JEN 2,998,642
SIBREL, MATTHEW 2,998,855
SIDANA, ASHMEET 2,998,323
SIDLER, HANS-JOERG 2,997,827
SIEGEL, DUSTIN 2,998,189
SIEGWART, DANIEL J. 2,998,473
SIEMENS AKTIENGESELLSCHAFT 2,997,640
SIEMENS AKTIENGESELLSCHAFT 2,997,941
SIEMENS AKTIENGESELLSCHAFT 2,998,404
SIEMENS AKTIENGESELLSCHAFT 2,998,428
SIEMENS GAMESA RENEWABLE ENERGY, INC. 2,997,726
SIEMENS GAMESA RENEWABLE ENERGY, INC. 2,997,927
SIEMENS GAMESA RENEWABLE ENERGY, INC. 2,998,110
SIEMENS GAMESA RENEWABLE ENERGY, INC. 2,998,120
SIEMENS INDUSTRY, INC. 2,998,114
SIERRA, MICHAEL 2,998,972
SIFCO APPLIED SURFACE CONCEPTS 2,997,386
SILVEIRA, FRANK S. 2,998,763
SILVERNAIL, CARTER M. 2,998,352
SILVERNAIL, CARTER M. 2,998,356
SIMON FRASER UNIVERSITY 2,998,150
SIMON, PETRA 2,998,450
SIMONSEN, DAVID 2,998,537
SIMS, DAVID JOHN 2,998,319
SINGH, BHUVANESH 2,998,753
SIRTEX MEDICAL INC. 2,997,529
SISTAG AG 2,997,827
SKRZYPCZAK, MARCIN 2,997,828
SLANTRANGE, INC. 2,998,439
SLOAN, DEREK DEAN 2,997,955
SLOSTOWSKI, CEDRIC 2,998,513
SLUTSKY, ARTHUR 2,998,858
SLUTSKY, ARTHUR 2,998,950
SMALE, ROBERT R. 2,998,512
SMITH & NEPHEW, INC. 2,998,324
SMITH, DANIEL 2,997,280
SMITH, DANIEL 2,998,122
SMITH, DANIEL 2,998,128
SMITH, DANIEL 2,998,403
SMITH, DANIEL 2,998,544
SMITH, DANIEL 2,998,790
SMITH, MALCOLM DAVID 2,998,319
SMITH, MARK ALAN 2,998,504
SMITH, MATTHEW 2,998,324
SMITH, MIKE 2,997,774
SMITH, NICHOLAS D. 2,998,493

SMITH, RICHARD D. 2,997,910
SMITH, RODNEY 2,998,296
SMITH, RODNEY WAYNE 2,998,593
SMITH, STEVEN 2,998,742
SMITH, W. BRET 2,998,481
SMITH, W. BRET 2,998,727
SOCKOLOSKY, JONATHAN 2,998,393
SODERBERG, PAR 2,998,144
SODERHOLM, ANDERS 2,998,144
SOFRONI, ERVIS 2,998,399
SOHN, DONG HYUN 2,998,701
SOHN, KAI 2,998,253
SOLENIS TECHNOLOGIES, L.P. 2,997,536
SOLETANCHE FREYSSINET 2,998,313
SONG, RAN 2,998,157
SONG, ZHIGUO JAKE 2,998,646
SONSTEGARD, TAD S. 2,998,654
SONY CORPORATION 2,998,419
SONY CORPORATION 2,998,957
SONY CORPORATION 2,998,997
SORBONNE UNIVERSITE 2,997,946
SORIA, FRANCISCO JAVIER 2,998,754
SORIA, TAMARA 2,998,542
SOUTHWIRE COMPANY, LLC 2,998,413
SPATTINI, STEFANO 2,997,371
SPECTRUM BRANDS, INC. 2,998,367
SPEIDEL, ANDRE 2,998,675
SPEIER, THOMAS PHILIP 2,998,593
SPERLING, JASON S. 2,998,760
SPERO, RICHARD CHASEN 2,998,812
SPIEGEL, HOLGER 2,997,534
SPONGEBATH LLC 2,998,851
SPORTLOGIQ INC. 2,998,956
SPRING, DAVID R. 2,997,499
SPRING, DAVID R. 2,997,639
SPRINGETT, FRANK BENJAMIN 2,997,775
SPRINGETT, FRANK BENJAMIN 2,997,780
SRINIVAS, SHYAM 2,997,529
SRINIVASA, SIDDHARTHA 2,997,280
SRINIVASA, SIDDHARTHA 2,998,122
SRINIVASA, SIDDHARTHA 2,998,128
SRINIVASA, SIDDHARTHA 2,998,403
SRINIVASA, SIDDHARTHA 2,998,544
SRINIVASA, SIDDHARTHA 2,998,790
ST. JUDE CHILDREN'S RESEARCH HOSPITAL 2,998,753
STAEDTLER MARS GMBH & CO. KG 2,998,658
STALDER, MICHAEL H. 2,997,538
STANKEWICZ, CASEY 2,997,763
STANTON, MATTHEW 2,998,370
STARBUCKS CORPORATION 2,998,495
STARBUCKS CORPORATION 2,998,498
STARNER, FRANK 2,997,469
STATES, DAVID J. 2,998,548
STATOIL PETROLEUM AS 2,998,743
STEC, SEBASTIAN 2,998,086
STEFAN, GABRIEL 2,998,892
STEIN, PETER P. 2,998,730
STENZLER, ALEX 2,998,858
STENZLER, ALEX 2,998,950
STERN, ALAN J. 2,998,194
STERNBERG, MARTIN 2,998,979
STETTER, ERNST 2,997,318
STEVENS, PHILIP 2,998,253
STEWART, GREGORY T. 2,998,553
STEWART, ROBIN 2,998,377
STICHTING KATHOLIEKE UNIVERSITEIT 2,997,518
STILLGER, URSULA 2,998,665
STOD, REETA-MARIA 2,998,467
STOMMES, JUDITH 2,998,665
STONE, JEFF 2,998,387
STONEAGE, INC. 2,998,499
STONEAGE, INC. 2,998,928
STORA ENSO OYJ 2,998,467
STORA ENSO OYJ 2,998,561
STRATEC CONSUMABLES GMBH 2,998,667
STRERATH, MICHAEL 2,998,036
STROBEL-SCHMIDT, RAINER 2,998,447
STROBEL-SCHMIDT, RAINER 2,998,794
STRUGNELL, STEPHEN A. 2,998,426
STRYKE, DOUG 2,998,381
STRYKER CORPORATION 2,997,315
STRYKER CORPORATION 2,998,327
STUTZ, HARTMUT 2,998,428
STUTZMAN, RANDALL J. 2,998,860
SUBRAMANIAM, SHANKER 2,998,891
SUCKOW, SHELBY 2,998,879
SUGAWARA, SHINSUKE 2,998,308
SUI, CHANGPING 2,998,385
SULLIVAN, DONIELLE GERARD 2,998,506
SUMITOMO DAINIPPON PHARMA CO., LTD. 2,998,995
SUMITOMO METAL MINING CO., LTD. 2,998,718
SUMMERS, CARL WESLEY 2,998,685
SUN, CHEN 2,998,957
SUN, HAO 2,998,744
SUN, HONGCHUAN 2,998,522
SUN, JUN 2,998,900
SUN, WANYING 2,998,902
SUN, YUANBO 2,998,119
SUNDARAM, SHIVA KUMAR 2,997,934
SUPERFINE, RICHARD 2,998,812
SUPERNOK, ERIC 2,998,713
SURVI, UDAY KUMAR 2,998,151
SUTHERLAND, JEFFREY EARLE 2,998,176
SUTTON, TOM 2,997,469
SUWALSKI, PIOTR 2,998,086
SUZUKI, SHOICHI 2,998,304
SUZUKI, SHOICHI 2,998,606
SWANTON, CHARLES 2,997,651
SWARTZMILLER, STEVEN 2,998,388
SWEDISH HEALTH SERVICES 2,993,158
SWEDISH HEALTH SERVICES 2,998,472
SWEETWATER ENERGY, INC. 2,998,637
SWELDENS, WIM 2,998,482
SWOBODA, BENJAMIN 2,998,445
SYLENTIS SAU 2,997,648
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,998,645
SYNGENTA PARTICIPATIONS AG 2,998,195
SYROTUCK, NIGEL ANTHONY 2,998,651
SZARDENINGS, MICHAEL 2,997,534
SZOPKO, ROBERT 2,997,256
SZYMKOWIAK, BERTRAND JEAN 2,998,715
T&W ENGINEERING A/S 2,998,525
TABASH, SAMIR P. 2,998,426
TABLEAU SOFTWARE, INC. 2,998,377
TACA, ARTURO C., JR. 2,998,518
TAI, VINCENT WING-FAI 2,998,826
TAI, VINCENT WING-FAI 2,998,827
TAKAHASHI, HIROKI 2,998,304
TAKAHASHI, HIROKI 2,998,606
TAKAISHI, KAZUYUKI 2,998,718
TALLANT, ANN 2,998,862
TALLEY, ALLISON 2,998,520
TAMKIN, PRESTON ALAN 2,998,617
TAMURA, TOSHIYUKI 2,998,460
TAN, YUANDONG 2,998,890
TAN, YUN 2,998,913
TANABU, YOSHIMINE 2,998,836
TANAKA, HIROHIKO 2,998,462
TANAKA, KOHEI 2,998,302
TANG, XUGUO 2,998,900
TANG, YANG 2,997,256
TANIMOTO, ATSUO 2,998,972
TANKALA, KANISHKA 2,998,515
TARANTINO, ANDREA 2,998,371
TATSUMI, YUJIRO 2,998,328
TAYLOR, RICHARD D. 2,997,613
TAYLOR, SCOTT V. 2,998,418
TBAIKHI, ANNIE 2,998,279
TEBBE, JAN 2,998,036
TEDDER, MARC 2,998,394
TEEUWSEN, DANIEL PAUL 2,998,280
TEJADO ETAYO, ALVARO 2,997,566
TENSIVE CONTROLS, INC. 2,998,862
TER MEULEN, JAN HENRIK 2,997,749
TESSIER, PHILIPPE 2,998,410
TEUNISSEN, ALOYSIUS WILHELMUS RUDOLPHUS HUBERTUS 2,998,263
TEVA PHARMACEUTICALS INTERNATIONAL GMBH 2,998,504
TEXT FREE ENTERPRISES, LLC 2,998,907
THALES MANAGEMENT & SERVICES DEUTSCHLAND GMBH 2,998,431
THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM 2,998,473
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,998,393
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,998,881
THE BROAD INSTITUTE, INC. 2,997,906
THE CLIMATE CORPORATION 2,998,850
THE ESAB GROUP, INC. 2,998,178

THE ESAB GROUP, INC. 2,998,184
THE GENERAL HOSPITAL CORPORATION 2,998,130
THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC. 2,998,533
THE PETROLEUM OIL AND GAS CORPORATION OF SOUTH AFRICA (SOC) LTD 2,997,691
THE PROCTER & GAMBLE COMPANY 2,997,276
THE PROCTER & GAMBLE COMPANY 2,997,278
THE PROCTER & GAMBLE COMPANY 2,998,210
THE PROCTER & GAMBLE COMPANY 2,998,527
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,998,158
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,998,381
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,998,528
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,998,894
THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY 2,998,647
THE SCRIPPS RESEARCH INSTITUTE 2,998,740
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