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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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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 1, 2017

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1792***
For each additional sheet over 30	**$20**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$269**

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

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** 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*)) **269 $**

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

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

14. Procédures de correspondance

le 20 juin, 2017

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

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

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

1. Physical Delivery of Correspondence to CIPO

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

1. Livraison en personne de correspondance à l'OPIC

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

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

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

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

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

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

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

1.1 Établissements désignés

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

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

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

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

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

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

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

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

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

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

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

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

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

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

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

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

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

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

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

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

2. Electronic Correspondence

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

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

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

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

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

2. Correspondance électronique

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

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

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

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

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

2.1 Facsimile

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

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

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

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

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

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

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

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

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

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

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

Brevets

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

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

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

des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

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

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

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

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

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.

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

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la 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.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

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

F des Instructions administratives du PCT.

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

3. Details concerning the electronic formats accepted

3. Précisions concernant les formats électroniques acceptés

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

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

Format TIFF

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

Format PDF

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

ASCII

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

ASCII

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

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

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

TIFF Format:

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

Photographs in JPEG Format:

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

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

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

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

Format TIFF :

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

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

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

4. General Information

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

4. Renseignements généraux

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

5. Statutory Holidays

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

5. Jours fériés

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

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

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

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

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

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

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

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

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

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

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

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

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

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

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

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

Provincial and Territorial Holidays

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

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

Jours fériés provinciaux ou territoriaux

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

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

When CIPO's Offices are closed for business

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

Jours de fermeture des bureaux de l'OPIC au public

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

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

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

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

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

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

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

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

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

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

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

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

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

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

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

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

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

deposit account number.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

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

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

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.

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

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

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

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

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 December 12, 2017 contains applications open to public inspection from November 26, 2017 to December 2, 2017.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 12 décembre 2017 contient les demandes disponibles au public pour consultation pour la période du 26 novembre 2017 au 2 décembre 2017.

Canadian Patents Issued

December 12, 2017

Brevets canadiens délivrés

12 décembre 2017

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[11] **2,370,084**
[13] C
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 30/02 (2012.01) G06Q 50/30 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ON-LINE ORDERING OF A TRANSPORATION SERVICE PROVIDING ROUTE SELECTION CAPABILITY**
[54] **SYSTEME ET METHODE DE COMMANDE EN LIGNE DE SERVICE DE TRANSPORT OFFRANT UNE CAPACITE DE SELECTION DE ROUTE**
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[54] **METHOD FOR THE EVOLUTIONARY DESIGN OF BIOCHEMICAL REACTION NETWORKS**
[54] **PROCEDE PERMETTANT LA CONCEPTION EVOLUTIVE DE RESEAUX DE REACTIONS BIOCHIMIQUES**
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[54] **DETECTION D'ANALYTES CIBLES FONDEE SUR DES CODES A BARRES BIOLOGIQUES**
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[54] **METHODES POUR ASSEMBLAGE DE VECTEURS DYNAMIQUES AU MOYEN DE PLASMIDES VECTEURS DE CLONAGE D'ADN**
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[54] **SYSTEME DE JEU A MACHINES DE JEU MULTIPLES DONNANT DES RECOMPENSES SOUS FORME DE BONUS**
[72] BAERLOCHER, ANTHONY J., US
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[54] **METHOD, APPARATUS AND SYSTEM FOR FACILITATING VISUAL IDENTIFICATION OF PROHIBITED OBJECTS IN IMAGES AT A SECURITY CHECKPOINT**
[54] **METHODE, APPAREIL ET SYSTEME SERVANT A FACILITER L'IDENTIFICATION VISUELLE DES OBJETS INTERDITS DANS LES IMAGES A UN POSTE DE VERIFICATION DE SECURITE**
[72] GUDMUNDSON, DAN, CA
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[54] **SUBSTITUTED INDOLE COMPOUNDS HAVING NOS INHIBITORY ACTIVITY**
[54] **COMPOSES INDOLE SUBSTITUES DEPOURVUS D'ACTIVITE INHIBITRICE**
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[72] RAMNAUTH, JAILALL, CA
[72] RAKHIT, SUMAN, CA
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[54] **SYSTEM AND METHOD FOR SEEKING A WIRELESS NETWORK FOR A WIRELESS DEVICE**
[54] **SYSTEME ET METHODE DE RECHERCHE D'UN RESEAU SANS FIL POUR DISPOSITIF SANS FIL**
[72] OERTON, KEVIN, CA
[73] BLACKBERRY LIMITED, CA
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[54] **SYSTEME ET METHODE DE PARTAGE D'IMAGES PAR MODULE DE TELECHARGEMENT**
[72] KLASSEN, GERHARD D., CA
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[54] **VARIANTS A CHAINES LATERALES D'AGENTS THERAPEUTIQUES AYANT UNE ACTIVITE OXYDOREDUCTRICE POUR LE TRAITEMENT DE MALADIES MITOCHONDRIALES ET D'AUTRES CONDITIONS ET POUR LA MODULATIONDE BIOMARQUEURS ENERGETIQUES**
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[72] HECHT, SIDNEY M., US
[72] JANKOWSKI, ORION D., US
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[72] ALTMANN, ANDRES CLAUDIO, IL
[72] EPHRATH, YARON, IL
[72] SCHWARTZ, YITZHACK, IL
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[54] **CATHETER AVEC EMBOUT OPTIQUE OMNIDIRECTIONNEL AYANT DES CHEMINS OPTIQUES ISOLES**
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[72] LIEBER, CHAD ALLEN, US
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[54] **SYSTEMES DE RECONNAISSANCE VOCALE HEBERGES POUR DISPOSITIFS RADIO**
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[54] **ANTICORPS ANTI-NKG2A ET LEURS UTILISATIONS**
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[72] PADKAEER, SOEREN BERG, DK
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[54] **NANOPARTICULES CIBLEES POUR LE DIAGNOSTIC ET LE TRAITEMENT DU CANCER**
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[73] ALBERTA HEALTH SERVICES, CA
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[54] **MOBILITE DE NOEUDS DE MAILLAGE DANS DES RESEAUX MAILLES STATIQUES ET MOBILES**
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[54] **METHODE ET COMPOSITION PHARMACOLOGIQUE DESTINEES AU DIAGNOSTIC ET AU TRAITEMENT DE LA SOUS-FERTILITE MASCULINE**
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[54] **PROCEDES DE TRAITEMENT DE TROUBLES NEURONAUX A L'AIDE DE PEPTIDES MNTF ET DE LEURS ANALOGUES**
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[54] **MICROVESICULES DERIVEES DE LEVURE RECOMBINANTE POSSEDANT DES ACTIVITES HEMOSTATIQUES ET UTILISATION**
[72] PEDRENO EGEA, JAVIER, ES
[72] CAVEDA CATASUS, LUIS, ES
[72] RODRIGUEZ FERNANDEZ - ALBA, JUAN RAMON, ES
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[54] **PROCEDES ET INTERMEDIAIRES POUR LA PREPARATION D'UN INHIBITEUR MACROCYCLIQUE DE PROTEASE DU VHC**
[72] HORVATH, ANDRAS, BE
[72] DEPRE, DOMINIQUE PAUL MICHEL, BE
[72] ORMEROD, DOMINIC JOHN, BE
[73] JANSSEN SCIENCES IRELAND UC, IE
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[54] **SOLUTIONS ANTIMICROBIENNES CONTENANT DU MONOXYDE DE DICHLORE ET PROCEDES DE PREPARATION ET UTILISATION DE CELLES-CI**
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[73] REHRIG PACIFIC COMPANY, US
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[54] **EXCIPIENT A BASE DE CELLULOSE MICROCRISTALLINE GRANULAIRE A FONCTIONNALITE ELEVEE DIRECTEMENT COMPRESSIBLE, SON PROCEDE DE FABRICATION ET SON UTILISATION**
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[54] **SOURCE D'IONS METAUX LIQUIDES, SPECTROMETRE DE MASSE D'IONS SECONDAIRES, PROCEDE D'ANALYSE SPECTROMETRIQUE DE MASSE D'IONS SECONDAIRES ET LEURS UTILISATIONS**
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[54] **PROCEDE DE PRODUCTION DE COMPOSANTS OBTENUS PAR FRITTAGE D'ALLIAGES CO-CR-MO AYANT UNE MEILLEURE DUCTILITE A HAUTE TEMPERATURE**
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[54] **PROCEDE DE SYNTHESE DE TETRAHYDROBIOPTERINE**
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[54] **PROCEDE VISANT A AMELIORER LA RUGOSITE DE REVETEMENTS- BARRIERES ENVIRONNEMENTALES ET COMPOSANTS COMPRENANT DE TELS REVETEMENTS A RUGOSITE AMELIOREE**
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[72] SUBIT, JESSICA L., US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **APPAREIL DE COMMUTATION ELECTRIQUE ET EMSEMBLE D'ACCOUPLEMENT CONNEXE**
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[54] **PROCEDE D'ENROBAGE DE PRODUITS CONGELES**
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[73] UNILEVER PLC, GB
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[73] EDWARDS LIFESCIENCES CORPORATION, US
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[72] LEE, BRYONY JAYNE, GB
[73] CONVATEC TECHNOLOGIES INC., US
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[54] **ENSEMBLE FILTRE**
[72] SCOTT, SIMON PETER, GB
[72] SUTCLIFFE, CHRISTOPHER, GB
[73] RENISHAW PLC, GB
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[54] **COMPOSITIONS AND METHODS FOR THE SPECIFIC INHIBITION OF GENE EXPRESSION BY DSRNA POSSESSING MODIFICATIONS**
[54] **COMPOSITIONS ET PROCEDES POUR INHIBER SPECIFIQUEMENT DE L'EXPRESSION D'UN GENE PAR MODIFICATIONS DU TRAITEMENT DE L'ARNDS**
[72] BROWN, BOB, US
[73] DICERNA PHARMACEUTICALS, INC., US
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[54] **CONDUIT D'AIR CHAUD AUXILIAIRE POUR UN GENERATEUR D'AIR CHAUD A COMBUSTION INDIRECTE**
[72] FROESE, RODNEY A., CA
[72] ISAAC, DARREN R., CA
[73] FROST FIGHTER INC., CA
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[87] (2738721)
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[54] **PROFILING REACTIVE OXYGEN, NITROGEN AND HALOGEN SPECIES**
[54] **ETABLISSEMENT DE PROFIL D'ESPECES OXYGENEES, AZOTEES ET HALOGENEES REACTIVES**
[72] LEBEDEVA, IRINA V., US
[72] PATTON, WAYNE, US
[73] ENZO LIFE SCIENCES, INC., US
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[54] **ENSEMBLES SOUS-UNITES DE CABLE A FIBRES OPTIQUES**
[72] BARRETT, LOUIS ALEXANDER, US
[72] HARVEY, GERRY JAY, US
[72] HUDSON, HAROLD EDWARD, II, US
[72] LOGAN, ERIC RAYMOND, US
[73] CORNING OPTICAL COMMUNICATIONS LLC, US
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[54] **AIR SEEDER TANK AND DISTRIBUTION APPARATUS**
[54] **RESERVOIR DE SEMOIR PNEUMATIQUE ET APPAREIL DE DISTRIBUTION**
[72] BEAUJOT, NORBERT, CA
[72] VENNARD, GREG, CA
[72] MARKHAM, NEIL, CA
[73] SEEDMASTER MANUFACTURING LTD., CA
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[54] **SPILL-RESISTANT SURFACES HAVING HYDROPHOBIC AND OLEOPHOBIC BORDERS**
[54] **SURFACES ANTI-ECLABOUSSURES A BORDURES HYDROPHOBES ET OLEOPHOBES**
[72] SIKKA, VINOD K., US
[72] JONES, ANDREW K., US
[72] ROSS, RUSSELL, US
[73] ROSS TECHNOLOGY CORPORATION, US
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[54] **PHARMACEUTICAL COMPOSITIONS WITH ATTENUATED RELEASE OF PHENOLIC OPIOIDS**
[54] **COMPOSITIONS PHARMACEUTIQUES AVEC LIBERATION ATTENUEE D'OPIOIDES PHENOLIQUES**
[72] JENKINS, THOMAS E., US
[72] SEROOGY, JULIE D., US
[72] WRAY, JONATHAN W., US
[73] SIGNATURE THERAPEUTICS, INC., US
[85] 2011-04-07
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[54] **IMPROVED AMINO LIPIDS AND METHODS FOR THE DELIVERY OF NUCLEIC ACIDS**
[54] **LIPIDES AMINES AMELIORES ET PROCEDES D'ADMINISTRATION D'ACIDES NUCLEIQUES**
[72] HOPE, MICHAEL J., CA
[72] SEMPLE, SEAN C., CA
[72] CHEN, JIANXIN, CA
[72] MADDEN, THOMAS D., CA
[72] CULLIS, PIETER R., CA
[72] CIUFOLINI, MARCO A., CA
[72] MUI, BARBARA, CA
[73] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[73] ARBUTUS BIOPHARMA CORPORATION, CA
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[54] **MUTATED EIF4E SEQUENCES FROM POTATO WHICH ARE USEFUL IN IMPARTING VIRUS RESISTANCE**
[54] **SEQUENCES D'EIF4E MUTEES ISSUES DE LA POMME DE TERRE ET PERMETTANT DE CONFERER UNE RESISTANCE AUX VIRUS**
[72] JAHN, MARGARET, US
[72] CAVATORTA, JASON, US
[72] YEAM, INHWA, KR
[73] CORNELL UNIVERSITY, US
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[54] **PHOTOSENSOR CIRCUITS INCLUDING A SWITCH MODE POWER CONVERTER**
[54] **CIRCUITS DE CAPTEURS OPTIQUES INCLUANT UN CONVERTISSEUR DE PUISSANCE A MODE DE COMMUTATION**
[72] FLAHERTY, RICHARD CHARLES, US
[73] TYCO ELECTRONICS CORPORATION, US
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[54] **BATTING TEE WITH PIVOT CONNECTION**
[54] **SUPPORT DE BALLE AVEC RACCORD PIVOTANT POUR LA FRAPPE AU BATON**
[72] FOURNIER, ALAIN, CA
[73] FOURNIER, ALAIN, CA
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[54] **SURFACE MODIFICATION OF POLYMERS VIA SURFACE ACTIVE AND REACTIVE END GROUPS**
[54] **MODIFICATION DE LA SURFACE DE POLYMERES AVEC DES GROUPES TERMINAUX TENSIOACTIFS ET REACTIFS**
[72] WANG, SHANGER, US
[72] WARD, ROBERT S., US
[72] TIAN, YUAN, US
[72] JIANG, XUWEI, US
[72] MCCREA, KEITH, US
[72] CURTIN, SCOTT, US
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[54] **A COMPOSITION COMPRISING A PHENYLACETIC ACID DERIVATIVE AND ETHABOXAM FOR CONTROLLING PLANT DISEASES**
[54] **COMPOSITION COMPRENANT UN DERIVE DE L'ACIDE PHENYLACETIQUE ET DE L'ETHABOXAM POUR LUTTER CONTRE LES MALADIES VEGETALES**
[72] KURAHASHI, MAKOTO, JP
[72] MATSUZAKI, YUICHI, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[54] **PROCESS FOR REMOVING IMPURITIES FROM OXYGEN-CONTAINING GAS STREAMS**
[54] **PROCEDE D'ELIMINATION D'IMPURETES DE FLUX GAZEUX CONTENANT DE L'OXYGENE**
[72] SCHOEDEL, NICOLE, DE
[72] ZANDER, HANS-JOERG, DE
[72] WINKLER, FLORIAN, DE
[72] RITTER, ROLAND, DE
[72] STOFFREGEN, TORSTEN, DE
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[54] **MACHINE D'ENRUBANNAGE**
[72] HOURIHANE, CON, IE
[73] IDOUGH INVESTMENT COMPANY, IE
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[54] **TRAILER FOR TRANSPORTING FREIGHT CONTAINERS AND METHOD OF USE**
[54] **REMORQUE POUR TRANSPORTER DES CONTENANTS DE FRET ET SON PROCEDE D'UTILISATION**
[72] GAUDET, JOEL, CA
[72] ASZTALOS, STEVE, US
[72] LAPALME, ERIC, CA
[72] MARRIS, CHRISTOPHER, GB
[72] VARGA, TIBOR, CA
[73] EQUIPEMENT MAX-ATLAS INTERNATIONAL INC., CA
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[54] **METHOD AND SYSTEM FOR ITEM LEVEL UHF RFID TAG WITH LOW FREQUENCY POWER ASSIST**
[54] **PROCEDE ET SYSTEME POUR UNE ETIQUETTE RFID UHF AU NIVEAU D'UN ARTICLE AVEC UNE ALIMENTATION ASSISTEE BASSE FREQUENCE**
[72] ALEXIS, MARK, US
[72] LIAN, MING-REN, US
[72] SHAFER, GARY MARK, US
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[54] **STRUCTURE DE COMPOSANT TWE OPTOELECTRONIQUE MONOLITHIQUE**
[72] KAISER, RONALD, DE
[72] VELTHAUS, KARL-OTTO, DE
[72] PROSYK, KELVIN, CA
[73] FRAUNHOFER-GESELLSCHAFT E.V., DD
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[54] **MANIFOLDS, SYSTEMS, AND METHODS FOR ADMINISTERING REDUCED PRESSURE TO A SUBCUTANEOUS TISSUE SITE**
[54] **COLLECTEURS, SYSTEMES ET PROCEDES D'ADMINISTRATION D'UNE PRESSION REDUITE A UN SITE DE TISSU SOUS-CUTANE**
[72] SANTORA, CARL JOSEPH, US
[72] MANWARING, MICHAEL, US
[72] CORNET, DOUGLAS A., US
[72] SWAIN, LARRY, US
[72] LONG, JUSTIN ALEXANDER, US
[73] KCI LICENSING, INC., US
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[54] **SALTS OF 6-(5-CHLORO-2-PYRIDYL)-5-[(4-METHYL-1-PIPERAZINYL)CARBONYLOXY]-7-OXO-6,7-DIHYDRO-5H-PYRROLO[3,4-B]PYRAZINE**
[54] **SELS DE 6-(5-CHLORO-2-PYRIDYL)-5-[(4-METHYL-1-PIPERAZINYL)CARBONYLOXY]-7-OXO-6,7-DIHYDRO-5H-PYRROLO[3,4-B] PYRAZINE**
[72] HSIA, RICHARD, US
[72] MISRA, TUSHAR, US
[72] SARANTEAS, KOSTAS, US
[72] WILKINSON, H. SCOTT, US
[72] MOUSAW, PATRICK, US
[73] SUNOVION PHARMACEUTICALS INC., US
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[25] EN
[54] **METHOD AND DEVICE FOR COMBINING SHEET-LIKE PRODUCTS WITH FURTHER SHEET-LIKE PRODUCTS, AND APPARATUS FOR CONVEYING SHEET-LIKE PRODUCTS, IN PARTICULAR PRINTED PRODUCTS**
[54] **PROCEDE ET DISPOSITIF D'ASSEMBLAGE DE PRODUITS EN FEUILLES AVEC D'AUTRES PRODUITS EN FEUILLES, ET APPAREIL POUR TRANSPORTER DES PRODUITS EN FEUILLES, EN PARTICULIER DES IMPRIMES**
[72] RAMSEIER, MARCEL, CH
[73] FERAG AG, CH
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[54] **COMBINATION OF PHOTODYNAMIC THERAPY AND ANTI-VEGF AGENTS IN THE TREATMENT OF UNWANTED CHOROIDAL NEOVASCULATURE**
[54] **COMBINAISON D'UNE THERAPIE PHOTODYNAMIQUE ET D'AGENTS ANTI-VEGF DANS LE TRAITEMENT D'UNE NEOVASCULARISATION CHROROIDIENNE INDESIRABLE**
[72] STRONG, ANDREW, CA
[72] HAO, YONG, CA
[73] VALEANT PHARMACEUTICALS INTERNATIONAL, INC., CA
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[54] **SYSTEME DE FILTRATION RECHARGEABLE**
[72] BILLINGSLEY, BRITTON G., US
[72] CASTIGLIONE, DAVID M., US
[72] DWYER, GARY E., CA
[72] LEGARE, PIERRE, CA
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
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[25] EN
[54] **PEPTIDES AND COMPOSITIONS FOR PREVENTION OF CELL ADHESION AND METHODS OF USING SAME**
[54] **PEPTIDES ET COMPOSITIONS POUR PREVENIR L'ADHESION CELLULAIRE ET LEURS PROCEDES D'UTILISATION**
[72] ZLOTKIN, AMIR, IL
[73] TEL HASHOMER MEDICAL RESEARCH, INFRASTRUCTURE AND SERVICES LTD., IL
[85] 2011-06-22
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[51] **Int.Cl. H04L 29/14 (2006.01) H04W 24/04 (2009.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ENABLING END-USER EQUIPMENT AT AN END-USER PREMISE TO EFFECT COMMUNICATIONS HAVING CERTAIN ORIGINS WHEN AN ABILITY OF THE END-USER EQUIPMENT TO COMMUNICATEVIA A COMMUNICATION LINK CONNECTING THE END-USER EQUIPMENT TO A COMMUNICATIONS NETWORK IS DISRUPTED**
[54] **PROCEDES ET SYSTEMES POUR ACTIVER UN EQUIPEMENT D'UTILISATEUR FINAL AU NIVEAU D'UN LOCAL D'UTILISATEUR FINAL POUR EFFECTUER DES COMMUNICATIONS AYANT CERTAINES ORIGINES LORSQU'UNE CAPACITE DE L'EQUIPEMENT D'UTILISATEUR FINAL A COMMUNIQUER PAR L'INTERMEDIAIRE D'UNE LIAISON DE COMMUNICATION CONNECTANT L'EQUIPEMENT D'UTILISATEUR FINAL A UN RESEAU DE COMMUNICAT**
[72] ARSENAULT, JONATHAN ALLAN, CA
[72] CLARK, DAVID WILLIAM, CA
[72] MURRAY, SEAN MACLEAN, CA
[72] WOLF, ERIC JOHN, CA
[73] BCE INC., CA
[85] 2011-06-23
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[51] **Int.Cl. A61B 90/50 (2016.01) A61B 90/57 (2016.01) A61M 25/02 (2006.01)**
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[54] **STABILIZATION DEVICE**
[54] **DISPOSITIF DE STABILISATION**
[72] HARRISON, ROBERT, CA
[72] YU, LAURA MAN YEE, CA
[72] GODARA, NEIL, CA
[73] AVENT, INC., US
[85] 2011-06-27
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[13] C
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[54] **COMMUNICATION SYSTEM PROVIDING CONTEXT-BASED MOBILE WIRELESS COMMUNICATIONS DEVICE POWER CONSUMPTION MANAGEMENT AND RELATED METHODS**
[54] **SYSTEME DE COMMUNICATIONS FOURNISSANT A DES DISPOSITIFS DE COMMUNICATION MOBILES SANS FIL DES DONNEES CONTEXTUELLES DE GESTION DE L'UTILISATION DE L'ENERGIE ET PROCEDES CONNEXES**
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[72] ROSE, SCOTT DOUGLAS, CA
[72] GILLANI, KARIM, CA
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[54] **PROCEDE DE COMMANDE D'UNE INSTALLATION D'ASCENSEUR**
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[73] INVENTIO AG, CH
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[54] **PROCEDE ET MEMBRANE POUR REGENERATION DE LA PEAU**
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[72] SCHLOESSER, LOTHAR, DE
[72] GEISTLICH, PETER, CH
[73] GEISTLICH PHARMA AG, CH
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[54] **DISPOSITIF DE SECURITE DE SYSTEME D'ARRET DE CHUTE**
[72] JONES, OWAIN, GB
[73] LATCHWAYS PLC, GB
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[54] **ELEMENT DE COMPRESSION DE CASQUE DE PROTECTION**
[72] FERRARA, VINCENT R., US
[72] HIBCHEN, KURT, CA
[73] XENITH, LLC, US
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[54] **PEPTIDES LIES AU COLLAGENE, APPLICATIONS ASSOCIEES ET SUBSTRATS EN MOUSSE HEMOSTATIQUES**
[72] YANG, CHUNLIN, US
[72] MATALENAS, THOMAS, US
[72] JOHN, THOPPIL MATHEW, US
[73] ETHICON, INC., US
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[72] TIENEN, STEPHAN VAN, NL
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[54] **COMPOSES ANTIVIRAUX ARYLES SUBSTITUES ET LEURS UTILISATIONS**
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[72] PRATT, JOHN K., US
[72] DEGOEY, DAVID A., US
[72] DONNER, PAMELA L., US
[72] FLENTGE, CHARLES A., US
[72] HUTCHINSON, DOUGLAS K., US
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[72] MARING, CLARENCE J., US
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[72] ROCKWAY, TODD W., US
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[54] **PROCEDE DE PULVERISATION POUR UNE OXYDATION SELECTIVE**
[72] SUBRAMANIAM, BALA, US
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[73] UNIVERSITY OF KANSAS, US
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[54] **TUBES D'ELECTRODE COLLECTEURS EN COMPOSITE DE FIBRE DE CARBONE DESTINES A DES PRECIPITATEURS ELECTROSTATIQUES HUMIDES**
[72] ALLAN, ROBERT A., CA
[72] MCGRATH, PAUL, CA
[73] MEGTEC TURBOSONIC INC., CA
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[54] **COMPOSITION ABSORBANT LES CHAMPS ELECTROMAGNETIQUES**
[72] BRYANT, RICHARD, GB
[72] FIXTER, GREG PETER WADE, GB
[72] HUSSAIN, SHAHID, GB
[72] VAUGHAN, ADRIAN SIMON THOMAS, GB
[73] QINETIQ LIMITED, GB
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[72] WALLIMANN, THEO, CH
[73] CREARENE LTD., BS
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[54] **SYSTEME THERMOSTATIQUE A ALIMENTATION ET REGULATION DE REFRIGERANT DU TYPE A JET ACTIF**
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[54] **ENSEMBLE CAPTEUR POUR DEBITMETRE DE FLUIDE**
[72] HOBBS, PAUL, US
[72] CLEMENTS, JOSEPH L., US
[72] DAVIS, GERALD E., US
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[73] MCCROMETER, INC., US
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[54] **UTILISATION DE SILOXANES ORGANIQUEMENT MODIFIES, RAMIFIES DANS LA PARTIE SILICONE, POUR PRODUIRE DES COMPOSITIONS COSMETIQUES OU PHARMACEUTIQUES**
[72] HENNING, FRAUKE, DE
[72] MEYER, JUERGEN, DE
[72] HARTUNG, CHRISTIAN, DE
[72] FERENZ, MICHAEL, DE
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[54] **NOUVELLE FORMULATION DE METAXALONE**
[72] DODD, AARON, AU
[72] MEISER, FELIX, AU
[72] NORRET, MARCK, AU
[72] RUSSELL, ADRIAN, AU
[72] BOSCH, H. WILLIAM, US
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[73] KENWOOD LIMITED, GB
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[54] **PROCEDE DE FABRICATION DE POLYMERES DE PROTEINES DE SOIE D'ARAIGNEE**
[72] JOHANSSON, JAN, SE
[72] HEDHAMMAR, MY, SE
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[72] NORDLING, KERSTIN, SE
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[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DES CANCERS HEMATOLOGIQUES, CIBLANT L'INTERACTION SIRP.ALPHA.-CD47**
[72] RAJAKUMAR, SUJEETHA, CA
[72] DANSKA, JAYNE, CA
[72] DICK, JOHN, CA
[72] JIN, LIQING, CA
[72] THEOCHARIDES, ALEXANDRE, CA
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[54] **SURVEILLANCE D'UNE COMMANDE ET D'UNE ENERGIE D'UN DISPOSITIF DISTANT**
[72] TRUNDLE, STEPHEN SCOTT, US
[72] SLAVIN, ALISON JANE, US
[72] MARTIN, JEAN-PAUL, US
[72] HUTZ, DAVID JAMES, US
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[54] **FORMES CRISTALLINES DE LA 6-(1H-IMIDAZOL-1-YL)-2-PHENYLQUINAZOLINE ET SELS ASSOCIES.**
[72] GIORDANI, ANTONIO, IT
[72] MANDELLI, STEFANO, IT
[72] PORTA, FRANCESCA, IT
[72] GHIRRI, MATTEO, IT
[72] ROVATI, LUCIO CLAUDIO, IT
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[54] **DISPOSITIF DISTRIBUTEUR DE DETERGENT**
[72] DI BONO, GIUSEPPE, IT
[72] PRETTO, NICOLA, IT
[73] RECKITT BENCKISER VANISH B.V., NL
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[54] **PUCE MICROFLUIDIQUE A ECHANTILLONS MULTIPLES POUR L'ANALYSE D'ADN**
[72] BIENVENUE, JOAN, US
[72] LANDERS, JAMES P., US
[72] SCOTT, ORION, US
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[54] **COLORANT PORPHYRAZINE, COMPOSITION D'ENCRE, PROCEDE D'IMPRESSION ET OBJET COLORE**
[72] OOSHIMA, KENJI, JP
[72] YONEDA, TAKASHI, JP
[72] KURODA, YASUO, JP
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[54] **CAPSULE, SYSTEM AND METHOD FOR PREPARING A PREDETERMINED QUANTITY OF BEVERAGE SUITABLE FOR CONSUMPTION**
[54] **CAPSULE, SYSTEME ET PROCEDE DE PREPARATION DE QUANTITE PREETABLIE DE BOISSON APPROPRIEE A LA CONSOMMATION**
[72] KAMERBEEK, RALF, NL
[72] FLAMAND, JOHN HENRI, NL
[72] VAN LOON-POST, ANGENITA DOROTHEA, NL
[72] KOELING, HENDRIK CORNELIS, NL
[72] BIESHEUVEL, AREND CORNELIS JACOBUS, NL
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
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[54] **DISPOSITIF DE CONTROLE NON DESTRUCTIF D'UNE PIECE**
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[72] ROUFF, ANDRE, FR
[73] SNECMA, FR
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[54] **PALE DE ROTOR ET PROCEDE DE REDUCTION DE LA CHARGE DE FRICTION DES EXTREMITES**
[72] KRAY, NICHOLAS JOSEPH, US
[72] CRALL, DAVID W., US
[72] MOLLMANN, DANIEL E., US
[72] GARDNER, DONALD LEE, US
[72] JOHNSON, MARCIA BOYLE, US
[72] WEAVER, HOWARD P., US
[72] FARSON, MAX ROBERT, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **PROCEDE ET APPAREIL PERMETTANT DE DETERMINER L'ETAT D'OCCUPATION DE VOIE D'UN CIRCUIT DE VOIE SUR UNE LIGNE DE CHEMIN DE FER PAR LE BIAIS D'UN DECODAGE SEQUENTIEL**
[72] MORELLI, MAURIZIO, IT
[72] TRENTINI, DANIELE, IT
[73] SIRTI S.P.A., IT
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[54] **WASTEWATER TREATMENT SYSTEM AND PROCESS INCLUDING IRRADIATION OF PRIMARY SOLIDS**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'EAUX USEES COMPRENANT UNE IRRADIATION DE SOLIDES PRIMAIRES**
[72] CONNER, WILLIAM G., SA
[72] FAGEEHA, OSAMA I., SA
[72] SCHULTZ, THOMAS E., US
[73] SAUDI ARABIAN OIL COMPANY, SA
[73] SIEMENS INDUSTRY, INC., US
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[54] **LIGANDS DE LIAISON A L'OPSINE, COMPOSITIONS ET PROCEDES D'UTILISATION**
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[72] LAROSA, GREGORY, J., US
[72] GREENWOOD, JEREMY, ROBERT, US
[72] BREWER, MARK L., US
[72] BERMAN, JUDD, CA
[72] COTE, JAMIE B., CA
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[54] **COMPOSITIONS POUR REDUIRE LA METHANOGENESE GASTRO-INTESTINALE CHEZ LES RUMINANTS**
[72] PERDOK, HINDRIK BENE, BE
[72] VAN ZIJDERVELD, SANDER MARTIJN, BE
[72] HULSHOF, ROB BERNARD ANTON, NL
[72] DESWYSEN, DAVID, BE
[72] GERRITS, WALTER JAN JOZEF, NL
[72] DIJKSTRA, JAN, NL
[72] NEWBOLD, JOHN RICHARD, BE
[72] LENG, RONALD ALFRED, AU
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[54] **APPAREIL ET PROCEDE POUR FAIRE FONCTIONNER UN SPECTROMETRE**
[72] VOLANTHEN, MARK, GB
[72] LLOYD, GLYNN, GB
[73] INSENSYS LIMITED, GB
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[54] **PROCEDE ET SYSTEME DE FABRICATION D'ISOPRENE**
[72] GARTSIDE, ROBERT J., US
[72] KLEINDIENST, SHANE R., US
[73] LUMMUS TECHNOLOGY INC., US
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[54] **MULTI-SAMPLE PARTICLE ANALYZER SYSTEM AND METHOD FOR HIGH THROUGHPUT SCREENING**
[54] **SYSTEME D'ANALYSE DE PARTICULES A ECHANTILLONS MULTIPLES ET PROCEDE DE CRIBLAGE A HAUT RENDEMENT**
[72] TRINKLE, LINDA, US
[72] DUNLAY, R. TERRY, US
[72] SKLAR, LARRY, US
[72] EDWARDS, BRUCE, US
[73] INTELLICYT CORPORATION, US
[73] STC.UNM, US
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[54] **PROCEDE ET APPAREIL POUR TRANSCRIRE UN PROFIL**
[72] CHAMBERLAIN, PETER ANTHONY, AU
[73] THINGAMEJIG PTY LTD, AU
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[54] **SYSTEME ELECTRONIQUE DE TRANSFERT DE FONDS ET DE RECU**
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[73] JOHNSON, MARK, AU
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[54] **BANDWIDTH EXTENSION METHOD, BANDWIDTH EXTENSION APPARATUS, PROGRAM, INTEGRATED CIRCUIT, AND AUDIO DECODING APPARATUS**
[54] **PROCEDE D'AMELIORATION DE BANDE, APPAREIL D'AMELIORATION DE BANDE, PROGRAMME, CIRCUIT INTEGRE ET APPAREIL DECODEUR AUDIO**
[72] ISHIKAWA, TOMOKAZU, JP
[72] NORIMATSU, TAKESHI, JP
[72] ZHOU, HUAN, JP
[72] CHONG, KOK SENG, SG
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[54] **ENSEMBLE LANGUETTE DE SUSPENSION ET ETIQUETTE DE PRODUIT, ET PROCEDE D'UTILISATION**
[72] MILBRANDT, JAY A., US
[72] SHAFFER, NICHOLAS ELLIOTT, US
[72] MILBRANDT, KIM A., US
[72] LUDLOW, ROBERT B., US
[72] O'DONNELL, COLIN M., US
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[54] **LIGANDS SIGMA POUR LA PREVENTION OU LE TRAITEMENT DE LA DOULEUR INDUITE PAR LA CHIMIOTHERAPIE**
[72] BAEYENS-CABRERA, JOSE MANUEL, ES
[72] BUSCHMANN, HELMUT HEINRICH, DE
[72] VELA HERNANDEZ, JOSE MIGUEL, ES
[72] ZAMANILLO-CASTANEDO, DANIEL, ES
[72] NIETO-LOPEZ, FRANCISCO-RAFAEL, ES
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[72] GISEL, THOMAS J., US
[73] K2M, INC., US
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[54] **AGENT DE REMPLISSAGE D'ESPACE FORME EN PLACE TOTALEMENT DURCI THERMIQUEMENT OU ELECTRIQUEMENT CONDUCTEUR**
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[72] SANTA FE, VICTORIA, US
[72] BUNYAN, MICHAEL, US
[73] PARKER-HANNIFIN CORPORATION, US
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[54] **SYSTEME ET PROCEDE POUR POMPE A ENTRAINEMENT DIRECT**
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[72] WITTEN, RAYMOND, US
[73] HARRIER TECHNOLOGIES INC., US
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[72] MENOR, ADAM R., US
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[54] **METHOD AND ARRANGEMENT FOR SYNCHRONISING DATA STREAMS IN NETWORKS AND A CORRESPONDING COMPUTER PROGRAM AND CORRESPONDING COMPUTER-READABLE STORAGE MEDIUM**
[54] **PROCEDE ET AGENCEMENT POUR SYNCHRONISER DES FLUX DE DONNEES DANS DES RESEAUX, AINSI QU'UN PROGRAMME INFORMATIQUE CORRESPONDANT ET UN SUPPORT DE STOCKAGE CORRESPONDANT POUVANT ETRE LU PAR ORDINATEUR**
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[25] EN
[54] **SURGICAL TECHNIQUES AND CLOSURE DEVICES FOR DIRECT CARDIAC CATHETERIZATION**
[54] **TECHNIQUES CHIRURGICALES ET DISPOSITIFS DE FERMETURE POUR LE CATHETERISME CARDIAQUE DIRECT**
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[73] RAMBAM HEALTH CORPORATION, IL
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[54] **PROCEDE ET APPAREIL DE COMMANDE DES NIVEAUX DE GRADATION DE DEL**
[72] CLAUBERG, BERND, US
[72] GREISCHAR, RICHARD, US
[72] SHROTRIYA, AMEYA, US
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[54] **VETEMENT POUR STIMULATION SENSORI-MOTRICE ET PROCEDE AFFERENT**
[72] BROWN, TIMOTHY W., US
[73] INTELLISKIN USA, LLC, US
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[54] **APPAREIL STOMIQUE A EVACUATION CONTROLEE ET PROTECTION POUR CELUI-CI**
[72] NGUYEN-DEMARY, TINH, US
[72] CLINE, JOHN, US
[72] BLUM, JOHN, US
[72] STACEY, GARY, GB
[72] DAVIES, PHILIP, GB
[72] BECKETT, TREVOR, GB
[73] CONVATEC TECHNOLOGIES INC., US
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[51] **Int.Cl. H01J 49/40 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR FILTERING IONS IN A MASS SPECTROMETER**
[54] **PROCEDE, SYSTEME ET APPAREIL POUR LE FILTRAGE DES IONS DANS UN SPECTROMETRE DE MASSE**
[72] LOBODA, ALEXANDRE V., CA
[73] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
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[54] **METHOD AND APPARATUS FOR EVALUATING THE EFFECTS OF INTERNAL AND EXTERNAL STRESS INFLUENCES**
[54] **PROCEDE ET APPAREIL POUR EVALUER LES EFFETS D'INFLUENCES DE STRESS INTERNE ET EXTERNE**
[72] BARR, LORI LEE, US
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[25] EN
[54] **METHODOLOGY FOR THE REMOVAL OF INORGANIC COMPONENTS FROM BIOMASS OF AGRO/FOREST/URBAN ORIGIN AND FROM LOW-QUALITY COAL SUCH AS PEAT, LIGNITE, SUB-BITUMINOUS AND BITUMINOUS COALS**
[54] **METHODOLOGIE POUR ELIMINER DES COMPOSANTS INORGANIQUES ISSUS DE LA BIOMASSE D'ORIGINE AGRICOLE/FORESTIERE/URBAINE ET ISSUS DU CHARBON BASSE QUALITE TEL QUE LA TOURBE, LA LIGNITE,LES CHARBONS SOUS-BITUMINEUX ET BITUMINEUX**
[72] KOUKIOS, EMMANOUIL, GR
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[30] GR (20100100012) 2010-01-11

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[54] **REGISTRATION OF CORNEAL FLAP WITH OPHTHALMIC MEASUREMENT AND/OR TREATMENT DATA FOR LASIK AND OTHER PROCEDURES**
[54] **ENREGISTREMENT D'UN VOLET CORNEEN AVEC MESURE OPHTALMIQUE ET/OU DES DONNEES DE TRAITEMENT POUR LASIK ET AUTRES PROCEDURES**
[72] STEVENS, JULIAN, GB
[72] CHERNYAK, DIMITRI, US
[72] ZICKLER, LEANDER, US
[73] AMO DEVELOPMENT, LLC, US
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[54] **PROCEDE DE PREVISION DE CONTAMINANTS**
[72] FORRESTER, SEAN THOMAS, AU
[72] JANIK, LESLIE JOSEPH, AU
[72] MCLAUGHLIN, MICHAEL JOHN, AU
[73] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
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[54] **EMPILEMENT MULTIAXIAL SOLIDARISE PAR DES SOUDURES PONCTUELLES REALISEES GRACE A DES VOILES THERMOPLASTIQUES INTERCALAIRES**
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[72] THIEL, JEAN-BENOIT, FR
[73] HEXCEL REINFORCEMENTS, FR
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[25] EN
[54] **A PHENOL DERIVATIVE AND ITS PHARMACEUTICAL USE**
[54] **UN DERIVE DU PHENOL ET SON UTILISATION PHARMACEUTIQUE**
[72] KOBASHI, SEIICHI, JP
[72] UDA, JUNICHIRO, JP
[72] MIYATA, SACHIHO, JP
[72] INOUE, TSUTOMU, JP
[72] ASHIZAWA, NAOKI, JP
[72] MATSUMOTO, KOJI, JP
[72] TANIGUCHI, TETSUYA, JP
[72] IWANAGA, TAKASHI, JP
[72] NAGATA, OSAMU, JP
[73] FUJI YAKUHIN CO., LTD., JP
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[25] EN
[54] **ACETYLATED POLYGLYCERINE FATTY ACID ESTER AND A PVC INSULATOR PLASTICISED THEREWITH**
[54] **ESTER D'ACIDE GRAS DE POLYGLYCERINE ACETYLEE ET ISOLANT EN PVC PLASTIFIE AVEC CELUI-CI**
[72] CHAUDHARY, BHARAT I., US
[72] SCZEKALLA, BEATE, DE
[72] SCHILLER, KLAUS, DE
[72] MEERBOTE, MICHAEL, DE
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[72] MICHEL, PHILIPPE, FR
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[54] **UTILISATION DE MULTIPLES COMPTES SUR UN APPAREIL MOBILE**
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[72] PARRY, THOMAS OWEN, CA
[72] CARTER, JASON LEE, US
[72] CLARKE, DAVID JAMES, US
[72] OMAR, SALIM HAYDER, CA
[72] GODFREY, JAMES A., CA
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[54] **DISPOSITIF D'ALIMENTATION ELECTRIQUE DE SECOURS ET METHODE D'ALIMENTATION ELECTRIQUE D'URGENCE**
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[54] **PROTEINE DE POMME DE TERRE NON ASTRINGENTE GLYCATEE AVEC UN SUCRE REDUCTEUR**
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[72] VAN NIEUWENHUIJZEN, NELLY HERMINA, NL
[72] LAMBERS, TEARTSE TIM, NL
[72] SPELBRINK, ROBIN ERIC JACOBUS, NL
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[54] **SYSTEMES ET PROCEDES DE CALCUL DE VALEURS D'EMISSION**
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[72] GLENN, MICHAEL, CA
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[54] **ENROULEMENTS DE FILS GONFLANTS A LONGUEUR ET DENSITE AUGMENTEES ET PROCEDES DE FABRICATION**
[72] MESSINIDES, MICHAEL, US
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[72] RILEY, WILLIAM THOMAS, US
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[72] HALLAHAN, DAVID L., US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **PARTIE AVANT D'UN AERONEF COMPORTANT UN SAS D'ACCES AU COCKPIT**
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[73] AIRBUS, FR
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[54] **POWER OSCILLATION DAMPING EMPLOYING A FULL OR PARTIAL CONVERSION WIND TURBINE**
[54] **AMORTISSEMENT D'OSCILLATIONS DE PUISSANCE UTILISANT UNE EOLIENNE A CONVERSION TOTALE OU PARTIELLE**
[72] NELSON, ROBERT J., US
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **SYSTEME POUR LA GESTION DE CHAINE D'APPROVISIONNEMENT**
[72] ZDEBLICK, MARK J., US
[73] PROTEUS DIGITAL HEALTH, INC., US
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[54] **DISPOSITIF ET PROCEDE POUR LA FORMATION DE PILES DE SACHETS**
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[72] BERLIN, HEINZ, DE
[73] WINDMOELLER & HOELSCHER KG, DE
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[72] GONYER, DAVID A., US
[72] SHAH, SHIRISH A., US
[72] MADDEN, STUART J., US
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[54] **CONTEXT-AWARE METHOD AND SYSTEM FOR FACILITATING THE DELIVERY OF HEALTHCARE TO PATIENTS WITHIN A CLINICAL ENVIRONMENT MONITORED BY REAL-TIME LOCATING APPARATUS**
[54] **PROCEDE ET SYSTEME SENSIBLES AU CONTEXTE POUR FACILITER LA DISTRIBUTION DE SOINS DE SANTE A DES PATIENTS DANS UN ENVIRONNEMENT CLINIQUE SURVEILLE PAR UN APPAREIL DE LOCALISATION EN TEMPS REEL**
[72] TENARVITZ, HENRY J., US
[72] SNOWDAY, H. T., US
[72] GAISSER, GARY, US
[73] VERSUS TECHNOLOGY, INC., US
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[54] **SET OF ELEMENTS FOR CONSTRUCTING A WOODEN WALL AND METHOD FOR USING SUCH ELEMENTS**
[54] **ENSEMBLE D'ELEMENTS DE CONSTRUCTION D'UNE PAROI EN BOIS ET PROCEDE DE MISE EN OEUVRE DE TELS ELEMENTS**
[72] LADVIE, JEAN-PIERRE, FR
[73] WOOD WAY, FR
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[54] **PORTE-PIECE MAGNETIQUE**
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[72] EL-SAEED, OMER, US
[73] REM TECHNOLOGIES, INC., US
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[54] **BICARBONATE PRECURSORS, METHOD FOR PREPARING SAME AND USES THEREOF**
[54] **PRECURSEURS BISCARBONATES, LEUR PROCEDE DE PREPARATION ET LEURS UTILISATIONS**
[72] CRAMAIL, HENRI, FR
[72] BOYER, AURELIE, FR
[72] CLOUTET, ERIC, FR
[72] GADENNE, BENOIT, FR
[72] ALFOS, CARINE, FR
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[25] FR
[54] **INSULATION OF A CIRCUMFERENTIAL EDGE OF AN OUTER CASING OF A TURBINE ENGINE FROM A CORRESPONDING RING SECTOR**
[54] **ISOLATION D'UN REBORD CIRCONFERENTIEL D'UN CARTER EXTERNE DE TURBOMACHINE VIS-A-VIS D'UN SECTEUR D'ANNEAU CORRESPONDANT**
[72] GARIN, FABRICE MARCEL NOEL, FR
[72] GENDRAUD, ALAIN DOMINIQUE, FR
[72] JEANNIN, GILLES, FR
[72] PRESTEL, SEBASTIEN JEAN LAURENT, FR
[73] SNECMA, FR
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[54] **SAC D'ASPIRATEUR ET ENSEMBLE DE FIXATION DE SAC D'ASPIRATEUR**
[72] BOSSES, MARK D., US
[73] ZENITH TECHNOLOGIES, L.L.C., US
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[54] **MACHINE ELECTRIQUE**
[72] HAGENLOCHER, ROLAND, DE
[72] STEFFEN, JENS, DE
[72] MUELLER, ANTON, DE
[72] EHRHART, PETER, DE
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[54] **COMPOSITIONS MATRICIELLES D'ACIDE NUCLEIQUE A LIBERATION PROLONGEE**
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[72] ROSENFELD, YOSEF, IL
[73] POLYPID LTD., IL
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[54] **THIAZOLIDINEDIONES EPARGNANT LES PPAR ET ASSOCIATIONS POUR LE TRAITEMENT DE MALADIES NEURODEGENERATIVES**
[72] COLCA, GERARD R., US
[72] KLETZIEN, ROLF F., US
[72] TANIS, STEVEN P., US
[72] LARSEN, SCOTT D., US
[73] CIRIUS THERAPEUTICS, INC., US
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[73] PSION INC., CA
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[54] **VARIANTS ACTIFS DE FACTEURS DE CROISSANCE DE FIBROBLASTES (FGF) A SPECIFICITE AMELIOREE**
[72] BOGIN, OREN, IL
[72] ADAR, RIVKA, IL
[72] YAYON, AVNER, IL
[73] PROCHON BIOTECH LTD., IL
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[54] **DIRECT CURRENT ARC FAULT CIRCUIT INTERRUPTER, DIRECT CURRENT ARC FAULT DETECTOR, NOISE BLANKING CIRCUIT FOR A DIRECT CURRENT ARC FAULT CIRCUIT INTERRUPTER, AND METHOD OF DETECTINGARC FAULTS**
[54] **DISJONCTEUR DE DEFAUTS D'ARC EN COURANT CONTINU, DETECTEUR DE DEFAUTS D'ARC EN COURANT CONTINU, CIRCUIT DE SUPPRESSION DE BRUIT POUR UN DISJONCTEUR DE DEFAUTS D'ARC EN COURANT CONTINU ET PROCEDE DE DETECTION DE DEFAUTS D'ARC**
[72] HASTINGS, JEROME K., US
[72] ZUERCHER, JOSEPH C., US
[72] PAHL, BIRGER, US
[72] PIER, BRIAN T., US
[72] GISSKE, EDWARD T., US
[73] EATON CORPORATION, US
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[54] **SYSTEME DE CHARGEMENT ET DE DECHARGEMENT POUR UN VEHICULE**
[72] GOWANS, GARRY ALEXANDER, CA
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[25] EN
[54] **A PAPER OR PAPERBOARD SUBSTRATE, A PROCESS FOR PRODUCTION OF THE SUBSTRATE AND A PACKAGE FORMED OF THE SUBSTRATE**
[54] **SUBSTRAT EN PAPIER OU EN CARTON, PROCEDE POUR LA PRODUCTION DE SUBSTRAT ET EMBALLAGE FORME AVEC LE SUBSTRAT**
[72] AXRUP, LARS, SE
[72] HEISKANEN, ISTO, FI
[72] BACKFOLK, KAJ, FI
[73] STORA ENSO OYJ, FI
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[54] **SUBSTITUTED PYRIDO[2,3-D]PYRIMIDIN-7(8H)-ONES AND THERAPEUTIC USES THEREOF**
[54] **PYRIDO[2,3-D]PYRIMIDIN-7(8H)-ONES SUBSTITUES ET LEURS UTILISATIONS THERAPEUTHIQUES**
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[72] REDDY, M.V. RAMANA, US
[73] TEMPLE UNIVERSITY - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
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[25] EN
[54] **PROCESS FOR MODIFYING PROTEIN DIGESTION OF RUMINANT FEEDS AND PRODUCTS PRODUCED THEREFROM**
[54] **PROCEDES POUR MODIFIER LA DIGESTION PROTEIQUE DES ALIMENTS POUR RUMINANTS ET PRODUITS OBTENUS A PARTIR DE CEUX-CI**
[72] CECAVA, MIKE, US
[72] DOANE, PERRY, US
[72] DUNN, JAMES L., US
[73] ARCHER DANIELS MIDLAND COMPANY, US
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[25] EN
[54] **1,3,4-OXADIAZOLE-2-CARBOXAMIDE COMPOUND**
[54] **COMPOSE 1,3,4-OXADIAZOLE-2-CARBOXAMIDE**
[72] ASAI, AKIRA, JP
[72] MATSUNO, KENJI, JP
[72] OGO, NAOHISA, JP
[72] TAKAHASHI, OSAMU, JP
[72] MASUDA, YOSHIAKI, JP
[72] MUROYA, AYUMU, JP
[72] AKIYAMA, YASUTO, JP
[72] ASHIZAWA, TADASHI, JP
[72] OKAWARA, TADASHI, JP
[73] GENERAL INCORPORATED ASSOCIATION PHARMA VALLEY PROJECT SUPPORTING ORGANIZATION, JP
[73] SHIZUOKA PREFECTURE, JP
[73] KUMAMOTO HEALTH SCIENCE UNIVERSITY, JP
[73] KABUSHIKI KAISHA YAKULT HONSHA, JP
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[54] **RETAINING TRAFFIC CHANNEL ASSIGNMENTS FOR SATELLITE TERMINALS TO PROVIDE LOWER LATENCY COMMUNICATION SERVICES**
[54] **CONSERVATION DES ATTRIBUTIONS DE CANAL DE TRAFIC POUR DES TERMINAUX SATELLITES AFIN D'OFFRIR DES SERVICES DE COMMUNICATION A LATENCE PLUS FAIBLE**
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[73] ATC TECHNOLOGIES, LLC, US
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF PHARMACEUTICAL COMPOSITIONS FOR THE SUSTAINED RELEASE OF SOMATOSTATIN ANALOGS**
[54] **PROCEDE POUR LA PREPARATION DE COMPOSITIONS PHARMACEUTIQUES POUR LA LIBERATION PROLONGEE D'ANALOGUES DE SOMATOSTATINE**
[72] MONTES, MARTIN, ES
[72] LOUGHMAN, THOMAS CIARAN, IE
[72] ROUME, CHANTAL, FR
[72] CHERIF-CHEIKH, ROLAND, ES
[73] IPSEN PHARMA S.A.S., FR
[85] 2012-06-29
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[25] EN
[54] **EXHAUST CATALYST PRE-HEATING SYSTEM AND METHOD**
[54] **SYSTEME DE PRECHAUFFAGE DE CATALYSEUR POUR GAZ D'ECHAPPEMENT ET PROCEDE ASSOCIE**
[72] TICE, JON K., US
[72] NOVACEK, LOREN, US
[73] DRESSER-RAND COMPANY, US
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[54] **LOW CALORIE, NON-GRAIN, VEGAN TREATS FOR COMPANION ANIMALS**
[54] **GATERIES VEGAN SANS GRAIN FAIBLE EN CALORIES POUR ANIMAUX DE COMPAGNIE**
[72] AKAMATSU, JOHN WILLIAM, US
[73] AKAMATSU, JOHN WILLIAM, US
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[54] **VEHICLE ARRESTING BED**
[54] **LIT D'ARRET POUR VEHICULES**
[72] NARMO, JON A., NO
[73] RUNWAY SAFE IPR AB, SE
[85] 2012-07-04
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[25] EN
[54] **MULTIPHOTON ACTIVABLE QUINOLINE DERIVATIVES, THEIR PREPARATION AND THEIR USES**
[54] **DERIVES DE QUINOLINE A ACTIVATION MULTIPHOTONIQUE, PREPARATION ET UTILISATIONS ASSOCIEES**
[72] DALKO, PETER, FR
[72] PETIT, MORGANE, FR
[72] OGDEN, DAVID, FR
[72] ACHER, FRANCINE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[25] EN
[54] **METHOD FOR PRODUCING EXPANDABLE GRANULATES CONTAINING POLYLACTIC ACID**
[54] **PROCEDE DE PREPARATION DE GRANULATS EXPANSIBLES CONTENANT DE L'ACIDE POLYLACTIQUE**
[72] FUESSL, ANDREAS, DE
[72] SAMPATH, BANGARU, DE
[72] HOFMANN, MAXIMILIAN, DE
[72] BELLIN, INGO, DE
[72] NALAWADE, SAMEER, DE
[72] HAHN, KLAUS, DE
[72] KUENKEL, ANDREAS, DE
[72] LOOS, ROBERT, DE
[73] BASF SE, DE
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[54] **PELLICULE DE POLYOLEFINE MATTE AYANT DES PROPRIETES DE LIBERATION**
[72] HUETT, DETLEF, DE
[73] TREOFAN GERMANY GMBH & CO. KG, DE
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[54] **VACUUM INTERRUPTER**
[54] **INTERRUPTEUR D'ASPIRATEUR**
[72] BARON, LYDIA, DE
[72] HARTMANN, WERNER, DE
[72] RENZ, ROMAN, DE
[72] SCHUEMANN, ULF, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **CONNECTING SYSTEMS THROUGH WHICH FLUID FLOWS FOR USE IN MEDICINE AND MEDICAL TECHNOLOGY**
[54] **SYSTEMES DE LIAISON PARCOURUS PAR UN FLUIDE A UTILISER EN MEDECINE OU EN TECHNIQUE MEDICALE**
[72] KASSAI, NORBERT, DE
[72] HOPF, ALEXANDER, DE
[72] HOPF, MICHAEL, DE
[73] HOPF, HANS-JUERGEN, DE
[85] 2012-07-20
[86] 2011-01-24 (PCT/EP2011/050922)
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[25] FR
[54] **METHOD FOR REPAIRING A FLANGE OF A HOUSING**
[54] **PROCEDE DE REPARATION D'UNE BRIDE D'UN CARTER**
[72] BOLETIS, YANNIS, FR
[72] CARDINAL, JEAN-LOUIS, FR
[72] DE SANCTIS, SERGE, FR
[72] TRAN, JULIEN, FR
[73] SNECMA, FR
[85] 2012-08-02
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[87] (WO2011/098705)
[30] FR (1000555) 2010-02-10

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[25] EN
[54] **METHOD FOR DEGRADING ORGANIC MATERIAL USING MOTHER CELL LYASES FORMED IN ASSOCIATION WITH SPORE FORMATION OF MICROORGANISM**
[54] **PROCEDE POUR LA DEGRADATION DE MATIERE ORGANIQUE A L'AIDE DE LYASES DE CELLULES MERES FORMEES EN ASSOCIATION AVEC LA FORMATION DE SPORES D'UN MICROORGANISME**
[72] MITARAI, KAORU, JP
[72] NAGAHAMA, YOJI, JP
[73] MEISHO.CO., LTD., JP
[85] 2012-08-01
[86] 2011-02-07 (PCT/JP2011/052553)
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[25] EN
[54] **A COMPOSITION HAVING IMPROVED FILTERABILITY**
[54] **COMPOSITION AYANT UNE FILTRABILITE AMELIOREE**
[72] HESS, BRIAN, US
[72] CYBERT, ROBERT, US
[72] MALITSKY, MARIE A, US
[72] MAEHLING, FRANK-OLAF, DE
[72] KOSCHABEK, RENE, DE
[72] SONDJAJA, RONNY, DE
[73] EVONIK OIL ADDITIVES GMBH, DE
[85] 2012-08-03
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[25] EN
[54] **APPARATUS FOR THE TREATMENT OF BRAIN AFFECTIONS AND METHOD IMPLEMENTING THEREOF**
[54] **APPAREIL POUR LE TRAITEMENT D'AFFECTIONS CEREBRALES ET PROCEDE DE MISE EN OEUVRE CORRESPONDANT**
[72] CARPENTIER, ALEXANDRE, FR
[72] LAFON, CYRIL, FR
[72] CHAPELON, JEAN-YVES, FR
[72] CANNEY, MICHAEL SEAN, FR
[72] BECCARIA, KEVIN, FR
[73] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR
[73] ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS, FR
[73] CARTHERA, FR
[85] 2012-08-06
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[13] C
[51] **Int.Cl. A47J 31/36 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR BEVERAGE FORMATION WITH AUTOMATED WATER DELIVERY TO HEATING TANK**
[54] **PROCEDE ET EQUIPEMENT POUR PREPARER UNE BOISSON AVEC FOURNITURE AUTOMATIQUE D'EAU A UN RESERVOIR DE CHAUFFAGE**
[72] TINKLER, IAN, US
[72] SARICH, MARY, US
[72] SAWYER, WILLIAM, US
[72] PASQUINI, RICHARD, US
[73] KEURIG GREEN MOUNTAIN, INC., US
[85] 2012-08-08
[86] 2011-02-10 (PCT/US2011/024335)
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[54] **OPTIMIZED CELLULASE ENZYMES**
[54] **ENZYMES CELLULASES OPTIMISEES**
[72] KETTLING, ULRICH, DE
[72] REISINGER, CHRISTOPH, DE
[72] BRUECK, THOMAS, DE
[72] KOLTERMANN, ANDRE, DE
[72] GERLACH, JOCHEN, DE
[72] UNTERSTRASSER, ISABEL, DE
[72] ROECHER, LUTZ, DE
[72] RARBACH, MARKUS, DE
[72] CLAREN, JOERG, DE
[72] KOHL, ANDREAS, DE
[72] PIECK, JAN CARSTEN, DE
[72] SCHLOSSER, DOMINIK, DE
[73] SUED-CHEMIE IP GMBH & CO. KG, DE
[85] 2012-08-09
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[25] EN
[54] **MANAGING POWER UTILIZED WITHIN A LOCAL POWER NETWORK**
[54] **GESTION DE LA PUISSANCE UTILISEE DANS UN RESEAU ELECTRIQUE LOCAL**
[72] CRAIG, JASON, US
[72] ALBARRAN, RICHARD DANIEL, US
[72] PUGH, WILLIAM, US
[72] CASSIDY, KEVIN, US
[73] INSCOPE ENERGY, LLC, US
[85] 2012-08-14
[86] 2011-02-17 (PCT/US2011/025190)
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[30] US (12/706,975) 2010-02-17

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[25] EN
[54] **MICROPLATE MOUNT SYSTEM AND SENSING METHODS**
[54] **SYSTEME DE FIXATION DE MICROPLAQUE ET PROCEDES DE DETECTION**
[72] NOBLETT, DAVID, US
[72] NEUMANN, KEN, US
[72] KRUG, ROBERT E., US
[72] LIEBOLD, STEVEN, US
[72] KROL, MARK FRANCIS, US
[72] PASTEL, DAVID ANDREW, US
[72] MARALA, RAVI, US
[73] PERKINELMER HEALTH SCIENCES, INC., US
[73] CORNING INCORPORATED, US
[85] 2012-08-15
[86] 2011-02-22 (PCT/US2011/000317)
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[30] US (61/306,640) 2010-02-22

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[25] EN
[54] **PLANT FUNGAL DISEASE CONTROLLING COMPOSITION COMPRISING MANDESTROBIN AND A CARBAMATE FUNGICIDAL COMPOUND AND METHOD FOR CONTROLLING PLANT DISEASES**
[54] **COMPOSITION DE LUTTE CONTRE LES MALADIES FONGIQUES DES PLANTES COMPRENANT DE LA MANDESTROBINE ET UN COMPOSE FONGICIDE CARBAMATE ET PROCEDE POUR LUTTER CONTRE LES MALADIES FONGIQUES DES PLANTES**
[72] KIGUCHI, SO, JP
[72] TANAKA, SOICHI, JP
[72] OZAWA, MAYUKO, JP
[72] IWATA, ATSUSHI, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2012-08-15
[86] 2011-03-02 (PCT/JP2011/055427)
[87] (WO2011/108749)
[30] JP (2010-046372) 2010-03-03

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[25] EN
[54] **PLANT FUNGAL DISEASE CONTROLLING COMPOSITION COMPRISING MANDESTROBIN AND ZOXAMIDE AND METHOD FOR CONTROLLING PLANT FUNGAL DISEASES**
[54] **COMPOSITION DE LUTTE CONTRE LES MALADIES FONGIQUES DES PLANTES COMPRENANT DE LA MANDESTROBINE ET DE LA ZOXAMIDE ET PROCEDE POUR LUTTER CONTRE LES MALADIES FONGIQUES DES PLANTES**
[72] KIGUCHI, SO, JP
[72] TANAKA, SOICHI, JP
[72] OZAWA, MAYUKO, JP
[72] IWATA, ATSUSHI, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2012-08-15
[86] 2011-03-02 (PCT/JP2011/055431)
[87] (WO2011/108752)
[30] JP (2010-046375) 2010-03-03

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[25] EN
[54] **STABILIZED FORMULATIONS CONTAINING ANTI-INTERLEUKIN-6 RECEPTOR (IL-6R) ANTIBODIES**
[54] **FORMULATIONS STABILISEES CONTENANT DES ANTICORPS CONTRE LE RECEPTEUR DE L'INTERLEUKINE-6 (IL-6R)**
[72] DIX, DANIEL B., US
[72] GRAHAM, KENNETH S., US
[72] KAMEN, DOUGLAS E., US
[72] WALSH, SCOTT M., US
[73] REGENERON PHARMACEUTICALS, INC., US
[85] 2012-07-04
[86] 2011-01-07 (PCT/US2011/020457)
[87] (WO2011/085158)
[30] US (61/293,227) 2010-01-08
[30] US (12/986,223) 2011-01-07

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[13] C
[51] **Int.Cl. A01N 37/38 (2006.01) A01N 43/50 (2006.01) A01N 43/653 (2006.01) A01N 43/80 (2006.01) A01N 43/82 (2006.01) A01N 47/38 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **PLANT FUNGAL DISEASE CONTROLLING COMPOSITION CONTAINING MANDESTROBIN AND AN AZOLE FUNGICIDAL COMPOUND AND METHOD FOR CONTROLLING PLANT FUNGAL DISEASES**
[54] **COMPOSITION DE CONTROLE DE MALADIE FONGIQUE DE VEGETAUX RENFERMANT DE LA MANDESTROBINE ET DU BOSCALID ET METHODE DE CONTROLE DES MALADIES FONGIQUES DES VEGETAUX**
[72] KIGUCHI, SO, JP
[72] TANAKA, SOICHI, JP
[72] OZAWA, MAYUKO, JP
[72] IWATA, ATSUSHI, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2012-08-16
[86] 2011-03-02 (PCT/JP2011/055439)
[87] (WO2011/108760)
[30] JP (2010-046368) 2010-03-03

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[13] C
[51] **Int.Cl. A61M 37/00 (2006.01) A61B 17/34 (2006.01) A61K 9/00 (2006.01) A61L 31/06 (2006.01)**
[25] EN
[54] **IMPLANT CANNULA HAVING AN IMPLANT AND METHOD FOR SECURING IMPLANTS IN AN INJECTION CANNULA**
[54] **CANULE D'IMPLANT COMPORTANT UN IMPLANT ET PROCEDE DE FIXATION D'IMPLANTS DANS UNE CANULE D'INJECTION**
[72] SPILGIES, HEIKO, DE
[73] LUYE PHARMA AG, DE
[85] 2012-08-17
[86] 2011-02-17 (PCT/EP2011/000763)
[87] (WO2011/120608)
[30] DE (10 2010 013 898.3) 2010-04-01

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[25] EN
[54] **PLANT FUNGAL DISEASE CONTROLLING COMPOSITION COMPRISING MANDESTROBIN AND POLYOXINS AND METHOD FOR CONTROLLING PLANT FUNGAL DISEASES**
[54] **COMPOSITION DE CONTROLE DE MALADIE FONGIQUE DE VEGETAUX RENFERMENT DE LA MANDESTROBINE ET DES POLYOXINES ET METHODE DE CONTROLE DE MALADIES FONGIQUES DE VEGETAUX**
[72] KIGUCHI, SO, JP
[72] TANAKA, SOICHI, JP
[72] OZAWA, MAYUKO, JP
[72] IWATA, ATSUSHI, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2012-08-16
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[30] JP (2010-046373) 2010-03-03

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[25] EN
[54] **SYSTEMS AND METHODS FOR SECURE ELECTRONIC TICKETING**
[54] **SYSTEMES ET PROCEDES POUR BILLETTERIE ELECTRONIQUE SURE**
[72] STAFFORD, EAMON, IE
[72] BREEN, LARRY, IE
[73] TRAPEZE SOFTWARE INC., CA
[86] (2790316)
[87] (2790316)
[22] 2012-09-19

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[13] C
[51] **Int.Cl. G06T 17/05 (2011.01) G06T 17/00 (2006.01)**
[25] EN
[54] **INTEGRATED GIS SYSTEM WITH INTERACTIVE 3D INTERFACE**
[54] **SYSTEME DE SIG INTEGRE AVEC INTERFACE 3D INTERACTIVE**
[72] BOERSMA, MICHAEL RODNEY, US
[72] STEPHENS, JAMES RICHARD, US
[72] GLENN, DAVID MILTON, US
[73] INTERGRAPH TECHNOLOGIES COMPANY, US
[85] 2012-08-22
[86] 2011-03-09 (PCT/US2011/027674)
[87] (WO2011/112667)
[30] US (12/722,983) 2010-03-12

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[13] C
[51] **Int.Cl. A23G 3/00 (2006.01) A23G 3/20 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MANUFACTURING PRODUCTS**
[54] **APPAREIL ET PROCEDE POUR LA FABRICATION DE PRODUITS**
[72] HAINES, RODERICK ANDREW, GB
[72] BANISTER, STUART MARK, GB
[72] WILLIAMSON, FINBARR CHARLES RONALD, GB
[72] JELLEY, SIMON PHILIP, GB
[72] BUFTON, ANDREW CHRISTOPHER, GB
[72] BOWN, GAVIN, GB
[73] CADBURY UK LIMITED, GB
[85] 2012-08-23
[86] 2011-02-25 (PCT/GB2011/050381)
[87] (WO2011/104564)
[30] GB (1003288.6) 2010-02-26

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[13] C
[51] **Int.Cl. A61K 31/5383 (2006.01) A61P 27/02 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **OPHTHALMIC SOLUTION FOR TREATING OCULAR INFECTION COMPRISING LEVOFLOXACIN OR SALT THEREOF OR SOLVATE OF THE SAME, METHOD FOR TREATING OCULAR INFECTION, LEVOFLOXACIN OR SALT THEREOF OR SOLVATE OF THE SAME, AND USE THEREOF**
[54] **GOUTTES OPHTALMIQUES POUR LE TRAITEMENT D'UNE INFECTION OPHTALMIQUE CONTENANT DE LA LEVOFLOXACINE, SON SEL OU SON SOLVATE, METHODE DE TRAITEMENT D'UNE INFECTION OPHTALMIQUE, LEVOFLOXACINE, SON SEL OU SON SOLVATE, ET LEUR UTILISATION**
[72] NAGANO, TAKASHI, JP
[72] SAKANAKA, KOJI, JP
[72] NAKAMURA, MASATSUGU, JP
[72] KAWAZU, KOUICHI, JP
[72] IBUKI, HAJIME, JP
[72] SAKAMOTO, KAYOKO, JP
[73] SANTEN PHARMACEUTICAL CO., LTD., JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2012-08-24
[86] 2010-12-16 (PCT/JP2010/072685)
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[30] JP (2010-040281) 2010-02-25

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[51] **Int.Cl. B44C 1/20 (2006.01) B44C 1/22 (2006.01) B44C 5/04 (2006.01) B44F 9/02 (2006.01)**
[25] EN
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[54] **PROCEDE DE FABRICATION D'UNE LAME DE PLANCHER**
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[72] DESPLAND, CLAUDE-ALAIN, CH
[72] SCHMID, MATHIEU, CH
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[72] HOLE, DAVID PHILIP, GB
[72] FAURIE, RENE, FR
[72] VENKOB, SATISH, CA
[72] HANOV, STEVEN MICHAEL, CA
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[72] BLAIR, DANA, US
[72] WU, YE-JUI, US
[72] WANG, YEN-SEINE, US
[72] FLORYANCIC, BRYCE, US
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[72] KATO, YOSHIYUKI, JP
[72] YOSHIMOTO, KATSUNOBU, JP
[72] KURITA, TSUTOMU, JP
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[72] COTTRELL, JEREMY, AU
[72] GAETANO, GIACINTO, AU
[72] EL-TAMIMY, MAHMOUD, AU
[72] KENNEDY, NICHOLAS, AU
[72] GAVIN, PAUL DAVID, AU
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[72] SEGAERT, MARTIN, BE
[72] THIERS, BERNARD, BE
[72] CLEMENT, BENJAMIN, BE
[72] MAESEN, CHRISTOPHE, BE
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[54] **DISPOSITIF DE MOULAGE D'UNE PIECE PAR INJECTION**
[72] BOUTHEMY, PHILIPPE, FR
[72] DILLENSEGER, SERGE, FR
[72] POURFILET, PATRICK, FR
[72] QUACH, DANIEL, FR
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[72] ALBRIGHT, KEVIN L., US
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[54] **PARTICULES DE CHARGE, COMPOSITION DE RESINE, GRAISSE, ET COMPOSITION DE REVETEMENT**
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[72] IZUMIKAWA, HIROYUKI, JP
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[72] MILLIKIN, RORY C.P., CA
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[54] **RECIPIENT COLLECTEUR, SYSTEME COMPRENANT UN RECIPIENT COLLECTEUR ET DES POMPES POLYPHASIQUES, ET METHODE POUR SEPARER ET DIVISER UN MELANGE POLYPHASIQUE**
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[72] ROHLFING, GERHARD, DE
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[54] **DISPOSITIF ET PROCEDE DE REMPLISSAGE DE PRODUITS**
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[72] STEINFELDT, RALF, DE
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[73] KRAUSSMAFFEI TECHNOLOGIES GMBH, DE
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[54] **MODULATEURS DES RECEPTEURS 5-HT ET LEURS PROCEDES D'UTILISATION**
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[72] BRAJE, WILFRIED, DE
[72] DJURIC, STEVAN W., US
[72] WILSON, NOEL S., US
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[72] RELO, ANA-LUCIA, DE
[72] SHEKHAR, SHASHANK, US
[72] WELCH, DENNIE S., US
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[54] **FONCTIONNALITE DE VIRTUALISATION DE FONCTION POUR UNE FONCTION D'INSTRUCTION DE BLOCAGE D'UNE INSTRUCTION MULTIFONCTION D'UN PROCESSEUR VIRTUEL**
[72] GREINER, DAN, US
[72] OSISEK, DAMIAN LEO, US
[72] SLEGEL, TIMOTHY, US
[72] HELLER, LISA, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[54] **FONCTIONNALITE DE VIRTUALISATION DE FONCTION POUR UNE DEMANDE DE FONCTION D'UN PROCESSEUR**
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[54] **PROCEDE ET SYSTEME DE DETECTION DE FERRORESONANCE EN LIGNE**
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[72] LI, XUYANG, CN
[72] BO, ZHIQIAN, GB
[72] CHATFIELD, RAY, GB
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[54] **PREPARATION D'ACIDE 13-CYCLOHEXYL-3-METHOXY-6-[METHYL-(2-{2-[METHYL-(SULFAMOYL)-AMINO]-ETHOXY}-ETHYL)-CARBAMOYL]-7H-INDOLO-[2,1-.ALPHA.]-[2]-BENZAZEPINE-10-CARBOXYLIC ACID**
[72] GOVAERTS, TOM CORNELIS HORTENSE, BE
[72] BONGARTZ, JEAN-PIERRE ANDRE MARC, BE
[72] NIESTE, PATRICK HUBERT J., BE
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[54] **REVETEMENT EXEMPT DE FORMALDEHYDE POUR PANNEAUX COMPRENANT UN COPOLYMERE POLYACIDE ET UNE POUDRE D'ALUMINOSILICATE DE CALCIUM**
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[72] LU, RUNHAI, US
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[54] **DISPOSITIF SECURISE D'ADMINISTRATION D'UN MEDICAMENT LIQUIDE ET PROCEDE POUR L'ADMINISTRATION D'UN MEDICAMENT LIQUIDE**
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[54] **PROCEDE ET DISPOSITIF DE CONVERSION DU MONOXYDE DE CARBONE ET DISPOSITIF DE FABRICATION D'HYDROGENE**
[72] OKADA, OSAMU, JP
[72] NAKAYAMA, MAIKO, JP
[72] MORIMOTO, KAORI, JP
[72] ITO, CHIHIRO, JP
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[54] **DERIVES D'ACIDE CARBOXYLIQUE HETEROCYCLIQUES A COMPOSE CYCLIQUE OXAZOLOPYRIMIDINE SUBSTITUE EN 2,5**
[72] KADEREIT, DIETER, DE
[72] SCHAEFER, MATTHIAS, DE
[72] HACHTEL, STEPHANIE, DE
[72] DIETRICH, AXEL, DE
[72] HUEBSCHLE, THOMAS, DE
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[54] **SYSTEME POUR FAIRE TOURNER UN PORTE-CHARGE AINSI QUE DISPOSITIF DE TRANSPORT POURVU DE PORTE-CHARGE LACHE**
[72] BOLSOEY, BENGT, SE
[72] KANGAS, FREDRIK, SE
[72] KANGAS, DANIEL, SE
[73] KIRUNA WAGON AB, SE
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[72] EDWARDS, JEFFREY, GB
[73] ENOVATE SYSTEMS LIMITED, GB
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[73] MANREX PTY. LTD, AU
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[54] **COPOLYMERE DE L'ETHYLENE AYANT UNE ELASTICITE AMELIOREE ET UNE APTITUDE AMELIOREE A LA MISE EN □UVRE**
[72] KWON, SEUNG BUM, KR
[72] HAM, HYEONG TAEK, KR
[72] CHAE, SUNG SEOK, KR
[72] OH, SE WON, KR
[72] JUNG, HYUN WOOK, KR
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[72] DALMASES BARJOAN, PERE, ES
[72] HUGUET CLOTET, JUAN, ES
[72] PEIRATS MASIA, JORDI, ES
[73] LABORATORIOS LESVI, S.L., ES
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[54] **COMPOSITIONS COMPRENANT DES POLYMERES PREPARES A PARTIR D'ACIDES 2-HYDROXYALKYLIQUES**
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[72] ASMUS, LUTZ, CH
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[54] **DISPOSITIF ET PROCEDE DE DETECTION, DE SURVEILLANCE ET/OU DE COMMANDE DE VOITURES DE COURSE**
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[72] WILLIG, JOHANNES, DE
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[72] HARTUNG, FRANK, DE
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[72] MACHELL, ANTHONY, GB
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[73] YOSHINO KOGYOSHO CO., LTD., JP
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[54] **APPAREIL RENIFLARD POUR BOUCHON DE CARBURANT**
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[72] ALLOTT, MARK T., US
[73] CATERPILLAR INC., US
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[54] **PLATE-FORME DE DISTRIBUTION DE CONTENUS DE SUPPORTS AMELIOREE**
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[72] FREIDSON, ROBERT I., RU
[73] SKKY INCORPORATED, US
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[54] **OUTIL ET METHODE DE FRACTURATION D'UN TROU DE FORAGE**
[72] ARABSKYY, SERHIY, CA
[73] TARTAN COMPLETION SYSTEMS INC., CA
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[54] **FILTRE SPECTRAL PASSE BANDE A FORTE SELECTIVITE ET POLARISATION CONTROLEE**
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[72] HAIDAR, RIAD, FR
[72] COLLIN, STEPHANE, FR
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[54] **METHODES DE CONTROLE GENETIQUE DE L'INFESTATION DE PLANTES PAR DES PARASITES, ET COMPOSITIONS A CET EFFET**
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[72] CAJACOB, CLAIRE A., US
[72] FELDMANN, PASCALE, BE
[72] HECK, GREGORY R., US
[72] NOOREN, IRENE, NL
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[72] VAUGHN, TY T., US
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[72] KIM, SOOWHAN, US
[72] YANG, ZHENGUO, US
[72] WANG, WEI, US
[72] ZHANG, JIANLU, US
[72] CHEN, BAOWEI, US
[72] NIE, ZIMIN, US
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[73] BATTELLE MEMORIAL INSTITUTE, US
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[54] **HYDROXYDE DE MAGNESIUM A RAPPORT DE FORME ELEVE**
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[72] MANABE, HITOSHI, JP
[72] KUDO, DAISUKE, JP
[73] KYOWA CHEMICAL INDUSTRY CO., LTD., JP
[73] SEA WATER CHEMICAL INSTITUTE, INC., JP
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[54] **REVETEMENT DE SURFACE COMPRENANT DES PANNEAUX STRATIFIES ET UN ELEMENT DE VERROUILLAGE EXTERNE**
[72] DOEHRING, DIETER, DE
[72] GRUENDEL, MICHAEL, DE
[73] KRONOPLUS TECHNICAL AG, CH
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[54] **USE OF COMPOSITION FOR IMPROVING INKJET PRINTING PROPERTIES AND AN INKJET RECORDING SHEET**
[54] **UTILISATION DE COMPOSITION POUR AMELIORER LES PROPRIETES D'IMPRESSION A JET D'ENCRE ET FEUILLE D'IMPRESSION A JET D'ENCRE**
[72] LINDFORS, JUHA, FI
[72] PUTTONEN, SAMI, FI
[73] KEMIRA OYJ, FI
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[54] **COMPOSES CONTENANT DU BISMUTH POUR MODULER LES PROPRIETES D'AGENTS BIOLOGIQUEMENT ACTIFS**
[72] PRICE, JOHN D., US
[72] PICCARIELLO, THOMAS, US
[72] OBERLENDER, ROBERT A., US
[72] MULHARE, MICHAELA E., US
[72] PALMER, SCOTT B., US
[73] SYNTHONICS, INC., US
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[72] PECK, SHAUN, GB
[72] GIBSON-FORD, MATTHEW, GB
[73] E.V. OFFSHORE LIMITED, GB
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[54] **MACHINE ELECTRIQUE, EN PARTICULIER APPARTENANT A UN GROUPE POMPE**
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[72] LEMKE, PETER, DE
[73] BAUMULLER NURNBERG GMBH, DE
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[54] **AZO COMPOUND, INK COMPOSITION, RECORDING METHOD AND COLORED MATERIAL**
[54] **COMPOSE AZOIQUE, COMPOSITION D'ENCRE, PROCEDE D'IMPRESSION ET MATERIAU COLORE**
[72] YOSHIMOTO, TAKASHI, JP
[72] KAWAGUCHI, AKIRA, JP
[72] OOSHIMA, KENJI, JP
[73] NIPPON KAYAKU KABUSHIKI KAISHA, JP
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[54] **KETOLIDE COMPOUNDS**
[54] **COMPOSES CETOLIDES**
[72] TRIVEDI, BHARAT, IN
[72] DESHPANDE, PRASAD, IN
[72] TADIPARTHI, RAVIKUMAR, IN
[72] GUPTA, SUNIL, IN
[72] DIWAKAR, SANTOSH, IN
[72] PAWAR, SHIVAJI, IN
[72] PATIL, VIJAY, IN
[72] DEKHANE, DEEPAK, IN
[72] PATEL, MAHESH, IN
[72] BHAVSAR, SATISH, IN
[72] MISHRA, AMIT, IN
[72] SOLANKI, MANISH, IN
[72] JAFRI, MOHAMMAD, IN
[72] BHAGWAT, SACHIN, IN
[73] WOCKHARDT LIMITED, IN
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[54] **ELECTRODE EN TUILE DE SEUIL DE REFLEXE STAPEDIEN EVOQUE (ESRT)**
[72] PAU, HANS WILHELM, DE
[72] BEHREND, DETLEF, DE
[72] WARKENTIN, MAREIKE, DE
[72] SCHMIDT, WOLFRAM, DE
[72] SPECHT, OLAF, DE
[72] SCHAUDEL, DANIEL, AT
[72] REETZ, GUIDO, AT
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[54] **PRODUITS BIOCIDES**
[72] AUBERGER, STEPHAN, FR
[73] SALVECO, FR
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[54] **OUTIL DE COIFFURE AYANT DES SEPARATEURS MOBILES**
[72] RAGOSTA, MICHAEL, US
[72] MARINO, CLAUDIO, US
[72] MEGLIO, BRUNO, US
[72] RICHMOND, DAVID J., US
[72] RICHMOND, HOWARD C., US
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[54] **METHOD FOR REMOVING HEAT STABLE BASE SALTS FROM A CONTAMINATED BASIC SOLUTION, AND USE THEREOF IN A PROCESS FOR RECOVERING ACID GAS FROM AN ACID GAS STREAM**
[54] **PROCEDE D'ELIMINATION DE SELS DE BASES THERMOSTABLES PRESENTS DANS UNE SOLUTION BASIQUE CONTAMINEE, ET SON UTILISATION DANS LE CADRE D'UN PROCEDE DE RECUEIL D'UN GAZ ACIDE A PARTIR D'UN FLUX DE GAZ ACIDES**
[72] PARISI, PAUL, CA
[73] ELECTROSEP TECHNOLOGIES INC., CA
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[54] **INDICATEUR D'ALIGNEMENT DE CHARGEUR INTELLIGENT**
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[73] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
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[54] **DEVICE AND METHOD FOR DETERMINING A SKIN INFLAMMATION VALUE**
[54] **SYSTEME ET PROCEDE PERMETTANT DE DETERMINER UNE VALEUR D'INFLAMMATION DE LA PEAU**
[72] STROHAL, ROBERT, AT
[72] SOLDATITSCH, MARKUS, AT
[73] RED.SOFT IT-SERVICE GMBH, AT
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[54] **SKATE BOOT HAVING AN INNER LINER WITH AN ABRASION RESISTANT OVERLAY**
[54] **CHAUSSURE DE PATIN A DOUBLURE INTERIEURE COMPORTANT UN REVETEMENT RESISTANT A L'ABRASION**
[72] CHAMPAGNE, GAETAN, CA
[72] BIDAL, JEAN-MARIE, CA
[72] NAULT, DONALD, CA
[72] CHALIFOUX, STEPHANE, CA
[73] BAUER HOCKEY LTD., CA
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[72] YANKOVICH, STEVE, US
[72] MELCHER, RYAN, US
[72] VERES, ROBERT DEAN, US
[73] EBAY INC., US
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[54] **SYSTEM AND METHOD FOR ITINERARY PLANNING**
[54] **SYSTEME ET PROCEDE DE PLANIFICATION D'ITINERAIRES**
[72] FRANCIS, MATTHEW DAVID, GB
[73] TRAPEZE SOFTWARE INC., CA
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[72] STORY, GUY A., JR., US
[72] TOLEA, MUGUR F., US
[72] LESTER, KEVIN S., US
[72] GALKIN, ALEXANDER, US
[72] ISRAEL, BRUCE N., US
[72] SNODGRASS, RYAN J., US
[73] AUDIBLE, INC., US
[73] AMAZON TECHNOLOGIES INC., US
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[72] SARVER, CORY E., US
[73] BLOUNT, INC., US
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[54] **DERIVES DE 2-OXO-1-IMIDAZOLIDINYL IMIDAZOTHIADIAZOLE**
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[72] QUESNEL, YANNICK, BE
[73] UCB PHARMA, S.A., BE
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[54] **PHOTOCHROMIC AND ELECTROCHROMIC DIARYLCYCLOPENTENE DERIVATIVES**
[54] **DERIVES DE DIARYLCYCLOPENTENE PHOTOCHROMES ET ELECTROCHROMES**
[72] BRANDA, NEIL ROBIN, CA
[72] FINDEN, JEREMY GRAHAM, CA
[72] GAUTHIER, SIMON JAMES, CA
[72] HAYEK, ALI, CA
[72] HOPE-ROSS, KYLE ANDREW, CA
[72] SENIOR, JAMES DANIEL, CA
[72] SPANTULESCU, ANDREEA, CA
[72] SVIRIDOV, SERGUEI, CA
[73] SWITCH MATERIALS INC., CA
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[54] **CONCEPTION COUPLEE D'ACQUISITION DE SOURCE DE FREQUENCE BALAYEE DEPENDANT DU TEMPS/DISTANCE ET DE DEBRUITAGE DE DONNEES**
[72] HUO, SHOUDONG, SA
[72] XU, HAI, SA
[72] PECHOLCS, PETER I., SA
[73] SAUDI ARABIAN OIL COMPANY, SA
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[54] **COMPOSITIONS ANTIPERSPIRANTES ACTIVES ET LEUR FABRICATION**
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[72] PAPPAS, IRAKLIS, US
[72] PAN, LONG, US
[73] COLGATE-PALMOLIVE COMPANY, US
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[72] BRENDEL, HARTMUT, DE
[72] SCHMIDT, JUTTA, DE
[72] SCHREITER, SEBASTIAN, DE
[72] KOUZMINE, OLEG, DE
[72] WERLE, PETER, DE
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[54] **SYSTEMES ET PROCEDES PERMETTANT DE SEPARER LES COMPOSANTS D'UNE SUSPENSION**
[72] KAMINSKY, ROBERT, US
[72] DAWSON, MATTHEW A., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **5-(OPTIONALLY SUBSTITUTED PHENYL) PYRIDIN-2-YL COMPOUNDS AS METALLOENZYME INHIBITORS**
[54] **COMPOSES 5 (PHENYLE EVENTUELLEMENT SUBSTITUE) PYRIDINE 2 YL EN TANT QU'INHIBITEURS DE METALLOENZYME**
[72] HOEKSTRA, WILLIAM J., US
[72] SCHOTZINGER, ROBERT J., US
[72] RAFFERTY, STEPHEN WILLIAM, US
[73] VIAMET PHARMACEUTICALS, INC., US
[86] (2837400)
[87] (2837400)
[22] 2011-04-22
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[54] **UNE POMPE A LIQUIDE DOTEE D'UNE VOLUTE UNITAIRE**
[72] POHLER, DONALD M., US
[73] LIBERTY PUMPS, INC., US
[86] (2838904)
[87] (2838904)
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[54] **ELEMENTS DE SCELLEMENT MODULAIRES POUR UN ENSEMBLE PALIER**
[72] TRAVIS, KENNETH A.J., CA
[72] FILLIOL, LYLE E.C., CA
[72] WILSON, STEWART G., CA
[73] REFORM ENERGY SERVICES CORP., CA
[86] (2839151)
[87] (2839151)
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[54] **METHOD FOR PRODUCING POWDERS FOR INHALATION**
[54] **PROCEDE DE PRODUCTION DE POUDRE POUR INHALATION**
[72] ONO, SHINICHI, JP
[73] CLINIPRO CO., LTD., JP
[85] 2013-12-23
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[54] **LOW-TEMPERATURE HEAT-GENERATING SOLID WOOD LAMINATE FLOOR AND PREPARATION METHOD THEREOF**
[54] **PLANCHER STRATIFIE EN BOIS PLEIN GENERANT DE LA CHALEUR A BASSE TEMPERATURE ET SON PROCEDE DE PREPARATION**
[72] SUN, BING, CN
[72] ZHANG, YUMING, CN
[73] SHANGHAI RELI TECHNOLOGY GROUP CO., LTD., CN
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[54] **METHOD OF CONTROLLING THE CORROSION RATE OF ALLOY PARTICLES, ALLOY PARTICLE WITH CONTROLLED CORROSION RATE, AND ARTICLES COMPRISING THE PARTICLE**
[54] **PROCEDE PERMETTANT DE REGULER LA VITESSE DE CORROSION DES PARTICULES D'ALLIAGE, PARTICULE D'ALLIAGE AYANT UNE VITESSE DE CORROSION REGULEE ET ARTICLES COMPRENANT LA PARTICULE**
[72] MAZYAR, OLEG A., US
[72] JOHNSON, MICHAEL, US
[72] GUEST, RANDALL, US
[72] CARREJO, NICHOLAS, US
[72] FURLAN, WAYNE, US
[72] GAUDETTE, SEAN, US
[72] XU, ZHIYUE, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2014-01-07
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[51] **Int.Cl. G01S 5/06 (2006.01)**
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[54] **METHOD AND SYSTEM FOR LOCATING A CURRENT POSITION OR A COUPLING-IN LOCATION OF A MOBILE UNIT USING A LEAKY WAVEGUIDE**
[54] **PROCEDE ET SYSTEME DE DETERMINATION D'UNE POSITION MOMENTANEE OU D'UN LIEU DE COUPLAGE D'UNE UNITE MOBILE AU MOYEN D'UN GUIDE D'ONDES A FUITE**
[72] CHRISTMANN, MARK, DE
[72] GULDEN, PETER, DE
[73] SYMEO GMBH, DE
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[54] **SYSTEME DE SUIVI DE RESSOURCES ET DE COMMUNICATION**
[72] MESSERLY, JAMES PATRICK, US
[73] MESSERLY, JAMES PATRICK, US
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[54] **POLYMER-BASED OCCLUSION DEVICES, SYSTEMS AND METHODS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES D'OCCLUSION A BASE DE POLYMERE**
[72] CHU, CHAOKANG, US
[72] CLEEK, ROBERT L., US
[72] CULLY, EDWARD H., US
[72] DUNCAN, JEFFREY, US
[72] PIETRZAK, KRZYSZTOF R., US
[72] SHAW, EDWARD EMIL, US
[72] VONESH, MICHAEL J., US
[72] ZACHARIAS, ERIC H., US
[73] W. L. GORE & ASSOCIATES, INC., US
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[51] **Int.Cl. B62D 33/063 (2006.01) E02F 9/16 (2006.01)**
[25] EN
[54] **CAB SUSPENSION AND REPOSITIONING SYSTEM**
[54] **SYSTEME DE SUSPENSION ET DE REPOSITIONNEMENT DE CABINE**
[72] ANGELO, GERALD JAY, US
[72] GULAN, LARRY F., US
[72] SCHERZINGER, THEODORE J., US
[73] PACCAR INC, US
[86] (2844784)
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[54] **COFFRE DE BATTERIE RESISTANT A L'EAU**
[72] THOMAS, KURT, US
[72] BROWN, DEREK, US
[72] SAWASKI, JOEL, US
[73] DELTA FAUCET COMPANY, US
[86] (2846195)
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[54] **VISION LITE AND SCREW BOSS CHANNEL**
[54] **VISION LITE ET CANAL DE VIS**
[72] KARL, JEFFREY G., US
[73] PEMKO MANUFACTURING COMPANY, INC., US
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[87] (2846708)
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[54] **TRANSDERMAL PATCH DISPOSAL SYSTEM**
[54] **SYSTEME D'ELIMINATION DE TIMBRES CUTANES**
[72] FOWLER, WILLIAM, US
[72] ANDERSON, CARTER, US
[73] VERDE ENVIRONMENTAL TECHNOLOGIES, INC., US
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[72] KNOP, CHRISTIAN, DE
[72] MEWS, KLAUS-GERRIT, DE
[72] SCHOLZ, BERND, DE
[73] THYSSENKRUPP MARINE SYSTEMS GMBH, DE
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[25] EN
[54] **PROCESS FOR PRODUCING JET FUEL FROM A HYDROCARBON SYNTHESIS PRODUCT STREAM**
[54] **PROCEDE DE PRODUCTION DE CARBUREACTEUR A PARTIR D'UN COURANT DE PRODUIT DE SYNTHESE D'HYDROCARBURE**
[72] WATERMEYER DE WET, EWALD, ZA
[72] WILLIAMS, PATA CLAIR, ZA
[72] FEDOU, STEPHANE, FR
[72] GAGNIERE, MARIELLE, FR
[73] SASOL TECHNOLOGY (PTY) LTD., ZA
[73] AXENS, FR
[86] (2847631)
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[54] **SULFONIC ACID SALTS OF HETEROCYCLYLAMIDE-SUBSTITUTED IMIDAZOLES**
[54] **SELS D'ACIDE SULFONIQUE D'IMIDAZOLES SUBSTITUES PAR HETEROCYCLYLAMIDE**
[72] SCHWAB, WILFRIED, DE
[72] SCHIFFER, GUIDO, DE
[72] VOEGTLI, KURT, CH
[72] KYAS, ANDREAS, DE
[72] OSSWALD, GERD, CH
[73] AICURIS GMBH & CO. KG, DE
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[25] EN
[54] **CONTINUOUS MULTI-FLUID PUMP DEVICE, DRIVE AND ACTUATING SYSTEM, AND METHOD**
[54] **POMPE MULTI-FLUIDE CONTINUE, SYSTEME ET PROCEDE D'ENTRAINEMENT ET D'ACTIONNEMENT**
[72] CAPONE, CHRISTOPHER D., US
[72] SEMAN, RICHARD A., US
[72] HAURY, JOHN A., US
[72] PREM, EDWARD K., US
[72] BISEGNA, JOSEPH E., US
[72] HELLER, RONALD, US
[72] WILLIAMS, GLEN P., US
[72] MATOR, JOSEPH C., US
[72] BAZALA, JASON L., US
[73] BAYER HEALTHCARE LLC, US
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[54] **ADJUSTABLE HEAD-OF-WALL INSULATION CONSTRUCTION FOR USE WITH WIDER WALL CONFIGURATIONS**
[54] **CONSTRUCTION D'ISOLATION DE PAROI D'EFFONDREMENT REGLABLE POUR UTILISATION AVEC DES CONFIGURATIONS DE PAROI PLUS LARGES**
[72] STAHL, JAMES P., JR., US
[73] SPECIFIED TECHNOLOGIES INC., US
[86] (2849597)
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[54] **METHOD AND DEVICE FOR ARRANGING PEERS IN A LIVE STREAMING P2P NETWORK**
[54] **PROCEDE ET DISPOSITIF D'AGENCEMENT DE PAIRS DANS UN RESEAU P2P DE DIFFUSION EN CONTINU EN DIRECT**
[72] EL-BELTAGY, MOHAMMED, SE
[72] NAIEM, AMGAD, SE
[72] ESSAYADI, FOUAD, SE
[73] HIVE STREAMING AB, SE
[85] 2014-03-24
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[54] **COMPOSITIONS FOR SKIN EXFOLIATION AND USE THEREOF**
[54] **COMPOSITIONS POUR L'EXFOLIATION DE LA PEAU ET LEUR UTILISATION**
[72] COLVAN, LORA, US
[72] MEHTA, RAHUL, US
[72] SONTI, SUJATHA, US
[73] ALLERGAN, INC., US
[85] 2014-03-24
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[54] **MODULAR INTERLOCKING CONTAINERS WITH ENHANCED LATERAL CONNECTIVITY FEATURES**
[54] **RECIPIENTS A ENCLENCHEMENT SOLIDAIRE MODULAIRES COMPRENANT DES ELEMENTS DE CONNECTIVITE LATERALE AMELIORES**
[72] HENDRICKSON, B. EVERETT, US
[72] CARLSON, TIMOTHY J., US
[72] HENDRICKSON, A. IRENE, US
[72] SEVERN, CRAIG, CA
[72] BRANDAU, OTTMAR, CA
[72] FREDERICK, MICHAEL, US
[73] FRIENDSHIP PRODUCTS LLC, US
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[54] **SPLIT, NON-METALLIC ELECTRICAL INSULATING BUSHING**
[54] **DOUILLE ISOLANTE ELECTRIQUE NON METALLIQUE FENDUE**
[72] SMITH, LAWRENCE J., US
[73] BRIDGEPORT FITTINGS, INC., US
[86] (2850926)
[87] (2850926)
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[54] **INDEXABLE TERMINAL RETAINER AND METHOD OF MAKING PLUGS**
[54] **ELEMENT DE RETENUE DE BORNE INDEXABLE ET PROCEDE DE FABRICATION DE FICHES**
[72] DODS, STEPHEN, CA
[72] DODS, ANDREW, CA
[72] DODS, TERRY, CA
[72] BUDAU, DANA, CA
[72] CLOAKE, MARTIN, CA
[72] SIBILLE, JACQUES, CA
[72] PEARCE, CALVIN TODD, CA
[73] 8521000 CANADA LIMITED, CA
[86] (2851726)
[87] (2851726)
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[54] **METHOD OF AIR PREHEATING FOR COMBUSTION POWER PLANT AND SYSTEMS COMPRISING THE SAME**
[54] **METHODE DE PRECHAUFFAGE DE L'AIR POUR UNE CENTRALE A COMBUSTION ET SYSTEMES INTEGRANT LA METHODE**
[72] ZHANG, WEI, US
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[86] (2852262)
[87] (2852262)
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[54] **VIDEO TAGGING FOR DYNAMIC TRACKING**
[54] **ETIQUETAGE DE VIDEO POUR SUIVI DYNAMIQUE**
[72] RAMALINGAMOORTHY, MUTHUVEL, US
[72] SUBBAIAH, RAMESH MOLAKALOLU, US
[73] HONEYWELL INTERNATIONAL INC., US
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[87] (2853132)
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[54] **ANTENNA ARRANGEMENT**
[54] **AGENCEMENT D'ANTENNE**
[72] VALE, CHRISTOPHER ALFRED WOLFGANG, ZA
[73] ALARIS ANTENNAS (PTY) LTD, ZA
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[54] **TONER DELIVERY SYSTEM FOR A SHAKE-FREE TONER CARTRIDGE**
[54] **SYSTEME DE DISTRIBUTION DE TONER POUR UNE CARTOUCHE DE TONER SANS AGITATION**
[72] CARTER, JAMES ANTHANY, II, US
[72] LEEMHUIS, JAMES RICHARD, US
[72] HACKNEY, GARY NEAL, US
[72] SPROUL, RODNEY EVAN, US
[73] LEXMARK INTERNATIONAL, INC., US
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[54] **AN OPTICAL ISOLATOR**
[54] **UN ISOLATEUR OPTIQUE**
[72] AKIRA, YAHAGI, JP
[72] TOSHIAKI, WATANABE, JP
[72] SHINJI, MAKIKAWA, JP
[73] SHIN-ETSU CHEMICAL CO., LTD., JP
[86] (2855784)
[87] (2855784)
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[54] **CYCLOSPORIN A FORM 2 AND METHOD OF MAKING SAME**
[54] **FORME 2 DE CYCLOSPORINE A ET METHODE DE FABRICATION ASSOCIEE**
[72] WU, KE, US
[72] SMITH, SCOTT W., US
[73] ALLERGAN, INC., US
[85] 2014-05-15
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[54] **GEARED TURBOFAN GAS TURBINE ENGINE ARCHITECTURE**
[54] **ARCHITECTURE D'UN MOTEUR A TURBINE A GAZ A TURBOREACTEUR A DOUBLE FLUX ET A ENGRENAGE**
[72] KUPRATIS, DANIEL BERNARD, US
[72] SCHWARZ, FREDERICK M., US
[73] UNITED TECHNOLOGIES CORPORATION, US
[85] 2014-05-28
[86] 2013-01-30 (PCT/US2013/023719)
[87] (WO2013/116257)
[30] US (13/363,154) 2012-01-31
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[54] **SYSTEMS, ASSEMBLIES AND PROCESSES FOR CONTROLLING TOOLS IN A WELL BORE**
[54] **SYSTEMES, ENSEMBLES ET PROCEDES POUR COMMANDER DES OUTILS DANS UN SONDAGE**
[72] SNIDER, PHILIP M., US
[72] PURKIS, DANIEL G., GB
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[87] (2858260)
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[54] **PROCESS TO STOP AND/OR PREVENT THE SPREADING OF PEAT FIRES**
[54] **PROCEDE PERMETTANT DE STOPPER ET/OU DE PREVENIR LA PROPAGATION DES FEUX DE TOURBE**
[72] PICH, RENE, FR
[73] S.P.C.M. SA, FR
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[25] EN
[54] **SPOUT ASSEMBLY FOR AN ELECTRONIC FAUCET AND METHOD FOR PROVIDING STRAIN RELIEF OF A CABLE**
[54] **ENSEMBLE DE BEC DE ROBINET ELECTRONIQUE ET METHODE DE FOURNITURE DE REDUCTION DE TENSION DE CABLE**
[72] MARTY, GARRY R., US
[72] SAILORS, TIMOTHY J., JR., US
[72] MOORE, JEFFREY L., US
[72] JOINTE, PATRICK B., US
[73] DELTA FAUCET COMPANY, US
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[54] **BIAS MEMBER FOR THE DOCTOR BLADE OF THE DEVELOPER UNIT IN AN IMAGING DEVICE**
[54] **ELEMENT DE SOLLICITATION POUR RACLE D'UNITE DE DEVELOPPEMENT DANS UN DISPOSITIF DE REALISATION D'IMAGE**
[72] GIBSON, NICHOLAS FENLEY, US
[72] MATTINGLY, BRAD EDWARD, US
[72] NEWMAN, BENJAMIN KEITH, US
[73] LEXMARK INTERNATIONAL, INC., US
[85] 2014-06-11
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[25] EN
[54] **ARYLALKYLOXY PYRIMIDINE DERIVATIVE, PESTICIDE FOR AGRICULTURAL AND HORTICULTURAL USE CONTAINING ARYLALKYLOXY PYRIMIDINE DERIVATIVE AS ACTIVE INGREDIENT, AND USE OF SAME**
[54] **DERIVE D'ARYLALKYLOXY PYRIMIDINE, PESTICIDE A USAGE AGRICOLE ET HORTICOLE CONTENANT LE DERIVE D'ARYLALKYLOXY PYRIMIDINE COMME INGREDIENT ACTIF, ET SON UTILISATION**
[72] SATOH, EIKOU, JP
[72] MURATA, TETSUYA, JP
[72] HARAYAMA, HIROTO, JP
[72] NAKANO, MOTOFUMI, JP
[72] FUKATSU, KOSUKE, JP
[72] INUKAI, KAYO, JP
[72] KASAHARA, RYOTA, JP
[72] ABE, YUTAKA, JP
[72] HAYASHI, NOBUYUKI, JP
[72] FUJITA, NAOYA, JP
[73] NIHON NOHYAKU CO., LTD., JP
[85] 2014-07-28
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[25] EN
[54] **GAS DIFFUSION LAYER FOR FUEL CELL, FUEL CELL, AND METHOD OF MANUFACTURING GAS DIFFUSION LAYER FOR FUEL CELL**
[54] **COUCHE DE DIFFUSION GAZEUSE POUR PILE A COMBUSTIBLE, PILE A COMBUSTIBLE ET PROCEDE DE FABRICATION DE COUCHE DE DIFFUSION GAZEUSE POUR PILE A COMBUSTIBLE**
[72] TSUBOSAKA, KENJI, JP
[72] FUJITO, RIRI, JP
[72] FUJII, KENTA, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] TOYOTA BOSHOKU KABUSHIKI KAISHA, JP
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[86] 2013-01-31 (PCT/IB2013/000123)
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[54] **SEPARATING A BITUMEN EXTRACT FROM SOLIDS**
[54] **SEPARATION D'UN EXTRAIT DE BITUMES DES SOLIDES**
[72] CHEN, CHIEN-CHIANG, US
[72] TANAKA, PAUL L., US
[72] BYMASTER, ADAM S., US
[72] GRAVE, EDWARD J., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[87] (2864021)
[22] 2014-09-18

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[51] **Int.Cl. F15B 21/08 (2006.01) E02F 9/22 (2006.01) F15B 13/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ATTACHMENT CONTROL SIGNAL MODULATION**
[54] **SYSTEMES ET PROCEDES POUR LA MODULATION DU SIGNAL DE COMMANDE D'UN ACCESSOIRE**
[72] OATES, RICHARD H., JR., US
[72] MUNSELL, LUKAS M., US
[72] STONE, TERRY W., US
[73] WYOMING MACHINERY COMPANY, US
[85] 2014-09-16
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[25] EN
[54] **APPARATUS AND METHOD FOR IMPROVING THE PERCEIVED QUALITY OF SOUND REPRODUCTION BY COMBINING ACTIVE NOISE CANCELLATION AND A PERCEPTUAL NOISE COMPENSATION**
[54] **APPAREIL ET PROCEDE DESTINES A AMELIORER LA QUALITE PERCUE DE REPRODUCTION SONORE EN COMBINANT LA SUPPRESSION ACTIVE DU BRUIT ET LA COMPENSATION DU BRUIT PERCEPTIF**
[72] UHLE, CHRISTIAN, DE
[72] HERRE, JURGEN, DE
[72] WALTHER, ANDREAS, CH
[72] FLEISCHMANN, FELIX, DE
[72] GAMPP, PATRICK, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[30] US (61/615,446) 2012-03-26
[30] EP (12169608.2) 2012-05-25

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[51] **Int.Cl. H02J 50/80 (2016.01)**
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[54] **POWER DELIVERY INCLUDING OUT-OF-BAND COMMUNICATION**
[54] **DISTRIBUTION DE PUISSANCE A COMMUNICATION HORS BANDE**
[72] REA, ADAM D., US
[72] GREEN, EVAN R., US
[72] PAXMAN, ROBERT, US
[72] GALLAHAN, RONALD W., US
[73] INTEL CORPORATION, US
[85] 2014-09-25
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[51] **Int.Cl. G02B 1/14 (2015.01) C23C 14/08 (2006.01) G02C 7/02 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING EYEGLASS LENS**
[54] **PROCEDE DE FABRICATION DE LENTILLE DE LUNETTES**
[72] OGAWA, NAOMI, JP
[72] TADOKORO, NOBUYUKI, JP
[72] ADACHI, MAKOTO, JP
[72] KAMURA, HITOSHI, JP
[72] KOMINE, YUKO, JP
[73] HOYA CORPORATION, JP
[85] 2014-09-29
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[54] **HOCKEY GOALIE STICK HAVING A GRIPPING AID**
[54] **BATON DE GARDIEN DE BUT DOTE D'UNE AIDE A LA PRISE**
[72] BRENNER, COREY, US
[73] BRENNER, COREY, US
[86] (2869002)
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[22] 2014-10-28
[30] US (61/989,875) 2013-11-01
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[72] MASAKI, YASUHIRO, JP
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[54] **APPAREIL DE PROSTHODONTIE ET D'ORTHODONTIE ET PROCEDES**
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[72] MATOV, VADIM, US
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[54] **ENSEMBLE RACCORD POUR TUYAUX EN POLYMERE**
[72] SHMELEV, ALEKSANDR YURYEVICH, RU
[72] SAMOILOV, SERGEY VASILYEVICH, RU
[72] DEGTYAREV, ARKADIY MOISEEVICH, RU
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[72] DUGGER, FRANK H., US
[72] OWEN, BRYANT S., US
[72] WONG, ALAN J., US
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[54] **MECANISME D'IMPRESSION POUR UNE MACHINE DISTRIBUTRICE**
[72] RENDELL, MARK, CA
[72] LANGE, DETLEF, CA
[72] SCHWARZLI, BERNIE, CA
[72] SCHWARZLI, ROBERT, CA
[73] BEAVER MACHINE CORPORATION, CA
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[54] **COMPLEX AMINE ABSORBENT, AND DEVICE AND METHOD FOR REMOVING ONE OR BOTH OF CO2 AND H2S**
[54] **SOLUTION ABSORBANTE COMPOSITE A BASE D'AMINE ET DISPOSITIF ET PROCEDE D'ELIMINATION DE CO2, H2S, OU DES DEUX**
[72] TANAKA, HIROSHI, JP
[72] NAGAYASU, HIROMITSU, JP
[72] HIRATA, TAKUYA, JP
[72] OISHI, TSUYOSHI, JP
[72] KAMIJO, TAKASHI, JP
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[54] **APPARATUS AND METHOD FOR STYLET-GUIDED VERTEBRAL AUGMENTATION**
[54] **APPAREIL ET PROCEDE POUR UNE AUGMENTATION VERTEBRALE GUIDEE PAR STYLET**
[72] LINDERMAN, EVAN D., US
[72] KRUEGER, JOHN A., US
[73] STRYKER CORPORATION, US
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[54] **LAVER-SNACK MADE OF LAVER AND CEREAL SHEETS AND PROCESS OF PRODUCING THE SAME**
[54] **EN-CAS A BASE D'ALGUES CONSTITUE D'ALGUES ET DE COUCHES DE CEREALES ET SON PROCEDE DE PRODUCTION**
[72] CHUNG, SUYEON, KR
[72] PARK, JOODONG, KR
[72] LEE, CHANGYONG, KR
[72] AN, JEONGSEOK, KR
[72] KWON, SOONHEE, KR
[72] SHINE, SUNGWOO, KR
[72] YOON, SOYOUNG, KR
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[54] **HIGH SOLIDS AQUEOUS MINERAL AND/OR FILLER AND/OR PIGMENT SUSPENSION IN ACIDIC PH ENVIRONMENT**
[54] **SUSPENSION AQUEUSE DE MINERAUX ET/OU DE CHARGES ET/OU DE PIGMENTS A TENEUR ELEVEE EN MATIERES SOLIDES, UTILISABLE DANS UN ENVIRONNEMENT CARACTERISE PAR UN PH ACIDE**
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[72] RENTSCH, SAMUEL, CH
[72] GANE, PATRICK A. C., CH
[73] OMYA INTERNATIONAL AG, CH
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[54] **PROCEDE ANTIMICROBIEN PHYSIQUE**
[72] CAI, YOULIANG, CN
[73] NMS TECHNOLOGIES CO., LTD., CN
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[72] HINCHLIFF, THOMAS CHARLES, US
[73] KEY KNIFE, INC., US
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[54] **COLLAGEN PEPTIDE COMPOSITION PRODUCTION METHOD, DPP-4 INHIBITOR, AND ANTIHYPERGLYCEMIC AGENT**
[54] **PROCEDE DE PRODUCTION D'UNE COMPOSITION PEPTIDIQUE DE COLLAGENE, INHIBITEUR DE DPP-4 ET AGENT ANTIHYPERGLYCEMIQUE**
[72] TAGA, YUKI, JP
[72] KUSUBATA, MASASHI, JP
[72] SUZUKI, SATOSHI, JP
[72] HAYASHIDA, OSAMU, JP
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[54] **APPAREIL ET PROCEDE DE CONVERSION DE METHANE FAISANT APPEL A UN REACTEUR A ECOULEMENT SUPERSONIQUE**
[72] BEDARD, ROBERT L., US
[72] NAUNHEIMER, CHRISTOPHER, US
[72] TOWLER, GAVIN P., US
[72] LEONARD, LAURA E., US
[72] DUDEBOUT, RODOLPHE, US
[72] WOODCOCK, GREGORY O., US
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[54] **KIT, UTILISATION DUDIT KIT ET PROCEDE PERMETTANT DE REMPLIR LE TISSU CONJONCTIF CUTANE**
[72] GRAEVE, THOMAS, DE
[73] AMEDRIX GMBH, DE
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[54] **BATTERY CHARGING APPARATUS FOR VEHICLE**
[54] **APPAREIL DE RECHARGE DE BATTERIE DESTINE A UN VEHICULE**
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[72] OUCHI, KATSUHIRO, JP
[72] ONO, KAZUHIKO, JP
[72] TAKAYAMA, KEISHI, JP
[73] HONDA MOTOR CO., LTD., JP
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[54] **SYSTEM AND METHOD FOR ANALYZING CUTTINGS USING AN OPTO-ANALYTICAL DEVICE**
[54] **SYSTEME ET PROCEDE D'ANALYSE DE DEBLAIS DE FORAGE METTANT EN OEUVRE UN DISPOSITIF D'ANALYSE OPTIQUE**
[72] PELLETIER, MICHAEL T., US
[72] FREESE, ROBERT P., US
[72] WEAVER, GARY E., US
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[54] **DETERMINATION D'UN MODE DE PREDICTION INTRA D'UNE UNITE DE CODAGE D'IMAGE ET D'UNE UNITE DE DECODAGE D'IMAGE**
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[72] ALSHINA, ELENA, KR
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[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **METHODE DE DETERMINATION DE VARIATIONS LOCALES DU CHAMP MAGNETIQUE TERRESTRE ET EMPLACEMENT DE LA SOURCE ASSOCIEE**
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[73] SCIENTIFIC DRILLING INTERNATIONAL, INC., US
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[54] **APPARATUS AND METHOD FOR PROVIDING ENHANCED GUIDED DOWNMIX CAPABILITIES FOR 3D AUDIO**
[54] **APPAREIL ET PROCEDE DESTINES A FOURNIR DES CAPACITES DE MELANGE AVEC ABAISSEMENT GUIDEES AMELIOREES POUR DE L'AUDIO 3D**
[72] BORSUM, ARNE, DE
[72] SCHREINER, STEPHAN, DE
[72] FUCHS, HARALD, DE
[72] KRATZ, MICHAEL, DE
[72] GRILL, BERNHARD, DE
[72] SCHARRER, SEBASTIAN, DE
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[54] **A SHOCK ABSORBER AND A METHOD OF DETERMINING THE LEVEL OF LIQUID IN A SHOCK ABSORBER**
[54] **UN AMORTISSEUR ET UNE METHODE DE DETERMINATION DU NIVEAU DE LIQUIDE DANS UN AMORTISSEUR**
[72] SOUTHERN, ANTHONY PAUL, GB
[72] SARTOR, PIA, GB
[73] MESSIER-DOWTY LIMITED, GB
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[54] **DEVICE AND METHOD FOR DETECTING THE TENSION ON A GUIDE ROPE OF A HANGING SCAFFOLD IN A CONSTRUCTION SHAFT**
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE DETECTER LA TENSION EXERCEE SUR UN CABLE DE GUIDAGE D'UN ECHAFAUDAGE VOLANT DANS UN PUITS DE CONSTRUCTION**
[72] CAO, GUOHUA, CN
[72] WANG, YANDONG, CN
[72] ZHU, ZHENCAI, CN
[72] PENG, WEIHONG, CN
[72] WANG, JINJIE, CN
[72] LIU, SHANZENG, CN
[72] SHEN, GANG, CN
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[73] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
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[54] **DISPOSITIF DE PROLONGEMENT DE PALE D'EOLIENNE**
[72] BENDEL, URS, DE
[73] SENVION SE, DE
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[54] **PUBLICITE EN LIGNE A PAIEMENT SOCIAL**
[72] PALIHAPITIYA, CHAMATH, US
[72] GRAHAM, MARY, US
[73] FACEBOOK, INC., US
[85] 2015-03-26
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[54] **SEPARATEUR CENTRIFUGE POUR SEPARER DES PARTICULES D'UN COURANT GAZEUX**
[72] FONSER, PER, SE
[72] HAGQVIST, PETER, SE
[72] HILLSTROM, LARS, SE
[72] HAGGMARK, CARL, SE
[72] ISAKSSON, ROLAND, SE
[72] MANELIUS, TOM, SE
[72] SKOOG, JAN, SE
[72] THORWID, PETER, SE
[72] TORNBLOM, OLLE, SE
[72] HANSSON, MARTIN, SE
[73] ALFA LAVAL CORPORATE AB, SE
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[54] **METHOD AND APPARATUS FOR INSPECTION OF COOLING TOWERS**
[54] **METHODE ET APPAREIL D'INSPECTION DE TOURS DE REFROIDISSEMENT**
[72] SMITH, STUART OLIVER, GB
[73] EPSCO LIMITED, GB
[85] 2015-04-13
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[54] **APPARATUS AND METHOD FOR PROCESSING AN INTERACTIVE SERVICE**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT D'UN SERVICE INTERACTIF**
[72] KIM, KYUNGHO, KR
[72] LEE, MINSOO, KR
[72] PARK, JANGWOONG, KR
[72] YANG, SEUNGRYUL, KR
[72] KIM, JINPIL, KR
[72] MOON, KYOUNGSOO, KR
[72] BAE, JANGHUN, KR
[72] LEE, JAEKOO, KR
[72] KWON, YOUNGHWAN, KR
[72] AN, SEUNGJOO, KR
[72] LEE, HYEONJAE, KR
[72] OH, SEJIN, KR
[73] LG ELECTRONICS INC., KR
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[54] **THRUST BEARING**
[54] **PALIER DE BUTEE**
[72] FURUNO, AKIHISA, JP
[73] IHI CORPORATION, JP
[85] 2015-04-13
[86] 2013-10-16 (PCT/JP2013/078070)
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[54] **GEOTHERMAL HEATING AND/OR COOLING SYSTEM GROUT TESTING**
[54] **TEST DE COULIS DE SYSTEME DE CHAUFFAGE ET/OU DE REFROIDISSEMENT GEOTHERMIQUE**
[72] COLLINS, RYAN PATRICK, US
[72] STONE, SHANTEL, US
[72] KURI, LAURA, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-21
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[54] **COMPOSITION D'ELIMINATION DE POILS ANTIBACTERIENNE**
[72] FUSCO, NORMA JEAN, US
[73] FUSCO, NORMA JEAN, US
[85] 2015-04-24
[86] 2013-10-05 (PCT/US2013/063604)
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[54] **PYRAZOLOPYRIDAZINES ET METHODES POUR TRAITER DES MALADIES DEGENERATIVES DE LA RETINE ET LA PERTE D'AUDITION ASSOCIEE AU SYNDROME DE USHER**
[72] BURLI, ROLAND WERNER, GB
[72] ESMIEU, WILLIAM RAMESHCHANDRA KRISHNA, GB
[72] LOCK, CHRISTOPHER JAMES, GB
[72] MALAGU, KARINE FABIENNE, GB
[72] OWENS, ANDREW PATE, GB
[72] HARTE, WILLIAM EDWARD, US
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[54] **APPAREIL DE TRANCHAGE ET PROCEDE DE TRANCHAGE**
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[73] URSCHEL LABORATORIES, INC., US
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[72] HUDA, STEPHEN P., US
[73] KX TECHNOLOGIES LLC, US
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[54] **VERIN HYDRAULIQUE POURVU D'UN AMORTISSEMENT DE POSITION FINALE**
[72] SCHWARZ, HENRY, DE
[72] HESS, CHRISTIAN, DE
[72] MARTENS, OLIVER, DE
[73] KOMATSU MINING GERMANY GMBH, DE
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[72] LANGENFELD, CHRISTOPHER C., US
[72] BHAT, PRASHANT, US
[72] SMITH, STANLEY B., US
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[54] **ACTIVITES BIOLOGIQUES DE PEPTIDES PIF, SITE D'ACTION, ET ANTICORPS POUR DETECTER PIF**
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[72] BROWN, JODI LEE, US
[72] FINLEY, KRISTIN MARIE, US
[72] ZERHUSEN, JADEN SCOTT, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **ACTIONNEUR HYDRAULIQUE A DOUBLE BLOCAGE DESTINE A UN SUPPORT STRUCTUREL**
[72] LEE, V-BOND, CA
[72] COLANTONIO, DAVID, CA
[73] SPP CANADA AIRCRAFT, INC., CA
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[72] SIEBENS, LARRY NORMAN, US
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
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[54] **FLEXIBLE PRINTED CIRCUIT BOARD AND METHOD FOR MANUFACTURING SAME**
[54] **CARTE DE CIRCUITS IMPRIMES FLEXIBLE ET METHODE DE FABRICATION DE CELLE-CI**
[72] KIM, JONG-SOO, KR
[72] LEE, KYUNG-HOON, KR
[72] YU, JEONG-SANG, KR
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[73] AMOGREENTECH CO., LTD., KR
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[54] **PROTECTEUR DE MIROIR COTE VEHICULE**
[72] JOHNSON, MICHAEL, US
[73] U-HAUL INTERNATIONAL, INC., US
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[54] **UTILISATION DE JETONS A DUREE LIMITEE POUR GARANTIR LA CONFORMITE DES PCI**
[72] SLATER, RICHARD LEE, US
[72] GEYER, RANDALL, US
[72] STEFANESCU, MUGUR, US
[73] INTUIT INC., US
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[54] **VIS**
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[73] FUSHANG CO., LTD., TW
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[54] **HANDOVER MECHANISM IN CELLULAR NETWORKS**
[54] **MECANISME DE TRANSFERT DANS LES RESEAUX CELLULAIRES**
[72] BONTU, CHANDRA SEKHAR, CA
[72] SONG, YI, US
[72] PERIYALWAR, SHALINI SURESH, CA
[72] CAI, ZHIJUN, US
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[54] **CAPTEURS POUR ESSAI DE POTENTIEL ET MULTIREGION, PROCEDES ET SYSTEMES**
[72] WU, HUAN PING, US
[72] ZHONG, WEIPING, US
[72] PERRY, JOSEPH E., US
[72] MAURER, ERIC, US
[72] JUNG, SUNG-KWON, US
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[54] **SYSTEME PERMETTANT DE REGULER DE MANIERE OPTIMALE UNE TEMPERATURE SENSORIELLE EN FONCTION DE L'HUMIDITE**
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[54] **CLEANING COMPOSITIONS CONTAINING A POLYETHERAMINE**
[54] **COMPOSITIONS DE NETTOYAGE CONTENANT UNE POLYETHERAMINE**
[72] HULSKOTTER, FRANK, US
[72] SCIALLA, STEFANO, US
[72] LOUGHNANE, BRIAN JOSEPH, US
[72] WAUN, AMY EICHSTADT, US
[72] EBERT, SOPHIA, DE
[72] LUDOLPH, BJOERN, DE
[72] WIGBERS, CHRISTOF, DE
[72] MAAS, STEFFEN, DE
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **MECANISME D'INCLINAISON POUR CHAISE ET CHAISE**
[72] SLONGO, ALESSANDRO, IT
[72] JONES, MARK GRANT, GB
[73] L&P PROPERTY MANAGEMENT COMPANY, US
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[54] **CONTACT ELECTRIQUE A FAIBLE EFFORT SUR SUBSTRATS DEFORMABLES METALLISES**
[72] SAUERS, MATTHEW C., US
[73] F.HOFFMANN-LA ROCHE AG, CH
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[54] **MEASURING THERMAL EXPANSION AND THE THERMAL CROWN OF ROLLS**
[54] **MESURE DE LA DILATATION THERMIQUE ET DU BOMBAGE THERMIQUE DE ROULEAUX**
[72] PRALONG, ANTOINE JEAN WILLY, CH
[73] NOVELIS INC., US
[85] 2015-08-12
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[54] **CONTAINMENT FORCE-BASED WRAPPING**
[54] **ENVELOPPEMENT BASE SUR LA FORCE DE CONFINEMENT**
[72] LANCASTER, PATRICK R., III, US
[72] MITCHELL, MICHAEL P., US
[73] LANTECH.COM, LLC, US
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[25] EN
[54] **GAS DISTRIBUTOR FOR A SIEMENS REACTOR**
[54] **REPARTITEUR DE GAZ POUR REACTEUR SIEMENS**
[72] POPP, FRIEDRICH, US
[72] KUTZA, CHRISTIAN, DE
[72] ROECKL, MARTIN, DE
[72] WEISS, TOBIAS, DE
[73] WACKER CHEMIE AG, DE
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[54] **NERF BAR FOR UNIBODY VEHICLES**
[54] **BARRE DE GARDE LATERALE POUR VEHICULES MONOBLOCS**
[72] VERMEYS, PAUL, US
[72] NOLASCO, JAVIER, US
[73] U-HAUL INTERNATIONAL, INC., US
[86] (2901447)
[87] (2901447)
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[30] US (62/044,127) 2014-08-29
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[51] **Int.Cl. B01J 31/02 (2006.01)**
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[54] **SYSTEM AND METHOD FOR GENERATING A PURIFIED CATALYST**
[54] **SYSTEME ET PROCEDE DE PRODUCTION D'UN CATALYSEUR PURIFIE**
[72] AZAM, SHAHID, SA
[72] SCHMIDT, ROLAND, SA
[72] AL-HAZMI, MOHAMMED, SA
[73] SAUDI BASIC INDUSTRIES CORPORATION, SA
[85] 2015-08-20
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[25] EN
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[54] **INTRODUCTEUR D'OUTIL CHIRURGICAL**
[72] FARIN, DANNY, IL
[72] BACHAR, YEHUDA, IL
[73] EON SURGICAL LTD., IL
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[25] EN
[54] **SYSTEMS AND METHODS FOR INTERACTIVE BROADCAST CONTENT**
[54] **SYSTEMES ET PROCEDES POUR CONTENU DE DIFFUSION INTERACTIF**
[72] FONSECA, BENEDITO J., JR., US
[72] BAUM, KEVIN L., US
[72] ISHTIAQ, FAISAL, US
[72] NEEDHAM, MICHAEL L., US
[73] ARRIS ENTERPRISES LLC, US
[85] 2015-08-24
[86] 2014-03-07 (PCT/US2014/022166)
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[25] EN
[54] **FAUCET INCLUDING CAPACITIVE AND ULTRASONIC SENSING**
[54] **ROBINET A DETECTION CAPACITIVE ET ULTRASONORE**
[72] SAWASKI, JOEL D., US
[72] DAVIDSON, KYLE R., US
[72] RITTENHOUSE, KENT, US
[73] DELTA FAUCET COMPANY, US
[85] 2015-08-26
[86] 2014-03-10 (PCT/US2014/022283)
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[30] US (61/791,489) 2013-03-15

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[25] EN
[54] **LOOP AND SADDLE CONNECTION SYSTEM AND METHOD FOR MECHANICALLY STABLIZED EARTH WALL**
[54] **SYSTEME ET PROCEDE DE LIAISON A BOUCLE ET SELLE POUR PAROI DE TERRE STABILISEE MECANIQUEMENT**
[72] OGORCHOCK, JOHN M., US
[72] NELSON, GUY C., US
[73] TRICON PRECAST, LTD., US
[85] 2015-08-27
[86] 2014-03-17 (PCT/US2014/030626)
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[30] US (13/838,514) 2013-03-15

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[25] EN
[54] **MAIZE HYBRID X95F581**
[54] **MAIS HYBRIDE X95F581**
[72] GROTE, EDWIN MICHAEL, US
[72] GRANT, KELVIN GRANDY, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2903328)
[87] (2903328)
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[25] EN
[54] **MAIZE HYBRID X70F225**
[54] **MAIS HYBRIDE X70F225**
[72] MAHMOOD, TARIQ, CA
[72] PINNISCH, RUSSEL MILES, US
[72] KRAMER, JOACHIM ERNST, AT
[72] KING, STEVEN PAUL, CA
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2903336)
[87] (2903336)
[22] 2015-09-03
[30] US (14/623,585) 2015-02-17

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[25] EN
[54] **MAIZE HYBRID X70F222**
[54] **MAIS HYBRIDE X70F222**
[72] PINNISCH, RUSSEL MILES, US
[72] KRAMER, JOACHIM ERNST, AT
[72] KING, STEVEN PAUL, CA
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
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[87] (2903387)
[22] 2015-09-03
[30] US (14/623,583) 2015-02-17

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[25] EN
[54] **MAIZE HYBRID X85F784**
[54] **MAIS HYBRIDE X85F784**
[72] GARCIA, GUSTAVO MARCELO, CA
[72] SCOTT, LORI KARYN, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2903391)
[87] (2903391)
[22] 2015-09-03
[30] US (14/623,593) 2015-02-17

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[25] EN
[54] **MAIZE HYBRID X70F220**
[54] **MAIS HYBRIDE X70F220**
[72] PINNISCH, RUSSEL MILES, US
[72] KRAMER, JOACHIM ERNST, AT
[72] MONTPETIT, JEAN-MARC, CA
[72] MAHMOOD, TARIQ, CA
[72] KING, STEVEN PAUL, CA
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2903416)
[87] (2903416)
[22] 2015-09-03
[30] US (14/623,578) 2015-02-17

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[25] EN
[54] **MAIZE HYBRID X03F652**
[54] **MAIS HYBRIDE X03F652**
[72] SMALLEY, MATTHEW DAVID, US
[72] TARTER, JENNIFER ANN, US
[72] GOGERTY, JOSEPH KEVIN, US
[72] ODLAND, WADE EUGENE, US
[72] RIEDEMAN, ERIC SCOTT, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2903420)
[87] (2903420)
[22] 2015-09-03
[30] US (14/623,539) 2015-02-17

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[25] EN
[54] **MAIZE HYBRID X08F032XR**
[54] **MAIS HYBRIDE X08F032XR**
[72] WHITAKER, DAVID WALTER, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2903426)
[87] (2903426)
[22] 2015-09-03
[30] US (14/623,563) 2015-02-17

[11] **2,903,661**
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[51] **Int.Cl. E21B 43/14 (2006.01) E21B 43/20 (2006.01)**
[25] EN
[54] **METHOD OF COMPLETING AND PRODUCING LONG LATERAL WELLBORES**
[54] **METHODE DE COMPLETION ET PRODUCTION DE PUITS DE FORAGE LATERAUX LONGS**
[72] DALLAS, L. MURRAY, US
[73] DALLAS, L. MURRAY, US
[86] (2903661)
[87] (2903661)
[22] 2015-09-11
[30] US (14/827,722) 2015-08-17

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[25] EN
[54] **VISCOSIFIER FOR OIL WELL FLUIDS**
[54] **AMELIORANT D'INDICE DE VISCOSITE POUR FLUIDES DE PUITS DE PETROLE**
[72] AL-BAGOURY, MOHAMED, NO
[72] AAMODT, ARIANEH, NO
[73] ELKEM AS, NO
[85] 2015-09-02
[86] 2014-03-18 (PCT/NO2014/050039)
[87] (WO2014/148917)
[30] NO (20130411) 2013-03-20

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[51] **Int.Cl. C10G 11/02 (2006.01) C10L 1/02 (2006.01)**
[25] EN
[54] **HYDROCARBON COMPOSITION WITH HIGH NI/FE/V CONTENT**
[54] **COMPOSITION D'HYDROCARBURE A TENEUR ELEVEE EN NI/FE/V**
[72] WELLINGTON, SCOTT LEE, US
[72] BHAN, OPINDER KISHAN, US
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[86] (2904553)
[87] (2904553)
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[30] US (61/043,926) 2008-04-10

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[51] **Int.Cl. H02J 13/00 (2006.01) G06Q 50/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ESTIMATING AND PROVIDING DISPATCHABLE OPERATING RESERVE ENERGY CAPACITY THROUGH USE OF ACTIVE LOAD MANAGEMENT**
[54] **SYSTEME ET PROCEDE POUR ESTIMER ET DELIVRER UNE CAPACITE D'ENERGIE DE RESERVE DE FONCTIONNEMENT POUVANT ETRE AFFECTEE PAR UTILISATION D'UNE GESTION DE CHARGE ACTIVE**
[72] FORBES, JOSEPH W., JR, US
[72] WEBB, JOEL L., US
[73] LANDIS+GYR INNOVATIONS, INC., US
[86] (2904829)
[87] (2904829)
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[62] 2,761,038
[30] US (61/215,725) 2009-05-08
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[25] EN
[54] **THERMAL SALT-SPLITTING OF (ALKYL)AMMONIUM 3-HYDROXYPROPIONATE**
[54] **DISSOCIATION THERMIQUE DES SELS DE 3-HYDROXYPROPIONATE D'(ALKYL)AMMONIUM**
[72] BOGAN, LEONARD E., JR., US
[73] ROHM AND HAAS COMPANY, US
[85] 2015-09-09
[86] 2014-03-13 (PCT/US2014/025319)
[87] (WO2014/151266)
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[25] EN
[54] **ELECTRONIC TOOTHBRUSH WITH VIBRATION DAMPENING**
[54] **BROSSE A DENTS ELECTRONIQUE AYANT UN AMORTISSEMENT DE VIBRATION**
[72] GARRIGUES, JEFFREY M., US
[72] LUETTGEN, HAROLD A., US
[73] WATER PIK, INC., US
[85] 2015-09-10
[86] 2014-03-11 (PCT/US2014/023205)
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[51] **Int.Cl. A61B 17/34 (2006.01)**
[25] EN
[54] **DILATING CANNULA WITH RADIALLY EXPANDABLE FLANGE AND METHOD OF USING THE SAME**
[54] **CANULE DE DILATATION AYANT UNE BRIDE RADIALEMENT EXTENSIBLE ET SON PROCEDE D'UTILISATION**
[72] CASTRO, SALVATORE, US
[73] TELEFLEX MEDICAL INCORPORATED, US
[85] 2015-09-11
[86] 2014-03-13 (PCT/US2014/025569)
[87] (WO2014/159985)
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[51] **Int.Cl. F41H 1/00 (2006.01) A41D 13/015 (2006.01) F41H 1/02 (2006.01)**
[25] EN
[54] **BOMB DISPOSAL SUIT WITH BACK PROTECTOR**
[54] **HABIT DE DEMINAGE DOTE D'UN PROTECTEUR DE DOS**
[72] LEVINE, JEFF, CA
[72] HEDGE, CLINT, CA
[72] JEFTIC-STOJANOVSKI, GORDANA, CA
[72] KEOWN, MATTHEW, CA
[72] REDDIN, DAN, CA
[72] SLOBOZIANU, MAGDA, CA
[72] BELAND, ROB, CA
[72] NIELSEN, SOEREN, CA
[72] DICKE, WILLIAM, CA
[72] WATSON, MATTHEW, CA
[72] KALAAM, SHAIK, CA
[73] MED-ENG, LLC, US
[86] (2906004)
[87] (2906004)
[22] 2015-09-28
[30] US (14/865,550) 2015-09-25

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[25] EN
[54] **PROCESS VARIABLE MEASUREMENT USING UNIVERSAL FLOW TECHNOLOGY CONNECTION PLATFORM**
[54] **MESURE D'UNE VARIABLE DE PROCEDE EN UTILISANT UNE PLATE-FORME DE CONNEXION A TECHNOLOGIE DE DEBIT UNIVERSELLE**
[72] STROM, GREGORY ROBERT, US
[72] DEEGAN, PAUL TIMOTHY, US
[72] DIPO-AJAYI, OLUWADAMILOLA PETER, US
[72] KEMPNER, ALAN, US
[73] DIETERICH STANDARD, INC., US
[85] 2015-09-14
[86] 2014-03-07 (PCT/US2014/021600)
[87] (WO2014/149943)
[30] US (13/836,263) 2013-03-15
[30] US (14/139,916) 2013-12-24

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[25] EN
[54] **UNI-BODY MERCHANDISER**
[54] **PRESENTOIR GEANT MONOCOQUE**
[72] LAMONTAGNE, RICK M., US
[72] DICKEY, DAVID, US
[72] SLATTON, DENISE, US
[72] SAMPLE, ED, US
[73] HUSSMANN CORPORATION, US
[86] (2906749)
[87] (2906749)
[22] 2013-06-11
[62] 2,818,369
[30] US (13/836,398) 2013-03-15

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[25] EN
[54] **ABRASIVE PARTICLES HAVING PARTICULAR SHAPES AND METHODS OF FORMING SUCH PARTICLES**
[54] **PARTICULES ABRASIVES AYANT DES FORMES PARTICULIERES ET PROCEDES DE FORMATION DE TELLES PARTICULES**
[72] SETH, ANUJ, US
[72] EVERTS, DARRELL K., US
[72] RAMAN, VIVEK CHERUVARI KOTTIETH, CA
[73] SAINT-GOBAIN ABRASIVES, INC., US
[73] SAINT-GOBAIN ABRASIFS, FR
[85] 2015-09-15
[86] 2014-03-31 (PCT/US2014/032397)
[87] (WO2014/161001)
[30] US (61/806,741) 2013-03-29

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[13] C
[51] **Int.Cl. E21B 21/06 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **TUBLESS PROPPANT BLENDING SYSTEM FOR HIGH AND LOW PRESSURE BLENDING**
[54] **SYSTEME DE MELANGE D'AGENT DE SOUTENEMENT SANS CUVE POUR MELANGE A HAUTE ET BASSE PRESSIONS**
[72] BURNETTE, BLAKE, US
[72] HUGHES, RONNIE D., US
[72] GUPTA, D.V. SATYANARAYANA, US
[72] AGRAWAL, GAURAV, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-09-21
[86] 2014-04-04 (PCT/US2014/033038)
[87] (WO2014/168834)
[30] US (13/858,732) 2013-04-08

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[13] C
[51] **Int.Cl. B01F 5/04 (2006.01) B01D 53/18 (2006.01) B01F 3/04 (2006.01)**
[25] EN
[54] **SEPARATING CARBON DIOXIDE AND HYDROGEN SULFIDE FROM A NATURAL GAS STREAM USING CO-CURRENT CONTACTING SYSTEMS**
[54] **SEPARATION DU DIOXYDE DE CARBONE ET DU SULFURE D'HYDROGENE D'UN FLUX DE GAZ NATUREL A L'AIDE DE SYSTEMES DE MISE EN CONTACT DE CO-COURANTS**
[72] NORTHROP, PAUL SCOTT, US
[72] MART, CHARLES J., US
[72] CULLINANE, J. TIM, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2015-09-25
[86] 2014-05-02 (PCT/US2014/036569)
[87] (WO2014/182565)
[30] US (61/821,618) 2013-05-09

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[51] **Int.Cl. C08J 3/24 (2006.01) C08L 23/02 (2006.01)**
[25] EN
[54] **PHOTO-CROSSLINKABLE POLYOLEFIN COMPOSITIONS**
[54] **COMPOSITIONS DE POLYOLEFINE PHOTO-RETICULABLES**
[72] JACKSON, PETER, CA
[72] WAN, EILEEN, CA
[73] SHAWCOR LTD., CA
[86] (2908284)
[87] (2908284)
[22] 2007-07-19
[62] 2,659,548
[30] US (60/821,198) 2006-08-02
[30] US (11/680,068) 2007-02-28

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[51] **Int.Cl. B29C 33/38 (2006.01) B29C 45/04 (2006.01) B29C 45/26 (2006.01) B29C 45/73 (2006.01) B29C 45/77 (2006.01)**
[25] EN
[54] **LOW CONSTANT PRESSURE INJECTION MOLDING SYSTEM WITH VARIABLE-POSITION MOLDING CAVITIES**
[54] **SYSTEME DE MOULAGE PAR INJECTION A PRESSION CONSTANTE FAIBLE DOTE DE CAVITES DE MOULAGE A POSITION VARIABLE**
[72] ALTONEN, GENE MICHAEL, US
[73] IMFLUX, INC., US
[85] 2015-10-15
[86] 2014-04-16 (PCT/US2014/034259)
[87] (WO2014/186086)
[30] US (61/822,661) 2013-05-13

[11] **2,909,624**
[13] C
[51] **Int.Cl. B01D 46/00 (2006.01) B01D 46/02 (2006.01)**
[25] EN
[54] **COLLAPSIBLE AIR FILTERING DEVICE**
[54] **DISPOSITIF PLIABLE DE FILTRATION D'AIR**
[72] GRUENBACHER, DANA PAUL, US
[72] SCHROECK, STEVEN JAMES, US
[72] LEON, JESSICA ELIZABETH, US
[72] DAL BO, PAOLO, DE
[72] SCHOBER, UWE, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-10-15
[86] 2014-05-09 (PCT/US2014/037424)
[87] (WO2014/182985)
[30] US (61/821,359) 2013-05-09

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[51] **Int.Cl. H01M 8/0202 (2016.01) H01M 8/248 (2016.01) H01B 3/30 (2006.01) H01B 17/56 (2006.01)**
[25] EN
[54] **INSULATOR AND FUEL CELL**
[54] **ISOLANT ET PILE A COMBUSTIBLE**
[72] HOTTA, YUTAKA, JP
[72] TAKAYAMA, TATEKI, JP
[72] TAKEYAMA, MAKOTO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2910891)
[87] (2910891)
[22] 2015-10-30
[30] JP (2014-229809) 2014-11-12

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[13] C
[51] **Int.Cl. A01K 47/00 (2006.01) A01K 47/06 (2006.01)**
[25] EN
[54] **HORIZONTAL TOP-BAR BEEHIVE**
[54] **RUCHE A TETE DE CADRE HORIZONTALE**
[72] MANZER, BRIAN ROY, CA
[72] MANZER, OWEN MITCHELL, CA
[73] MANZER APIARY INC., CA
[86] (2911008)
[87] (2911008)
[22] 2015-11-03
[30] US (62/171,285) 2015-06-05

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[51] **Int.Cl. C01B 39/24 (2006.01) B01J 29/08 (2006.01) C01B 39/02 (2006.01) C10G 47/16 (2006.01) C10G 47/20 (2006.01)**
[25] EN
[54] **MODIFIED Y MOLECULAR SIEVE AND PREPARATION METHOD AND USE THEREOF, SUPPORTED CATALYST, AND HYDROCRACKING METHOD**
[54] **TAMIS MOLECULAIRE Y MODIFIE ET METHODE DE PREPARATION ET UTILISATION DUDIT TAMIS, CATALYSEUR ACCEPTE ET METHODE D'HYDROCRAQUAGE**
[72] LIU, WEI, CN
[72] GUAN, MINGHUA, CN
[72] DU, YANZE, CN
[72] WANG, FENGLAI, CN
[72] LIU, CHANG, CN
[72] QIN, BO, CN
[73] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[73] FUSHUN RESEARCH INSTITUTE OF PETROLEUM AND PETROCHEMICALS, SINOPEC CORP., CN
[86] (2911019)
[87] (2911019)
[22] 2015-11-03
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[51] **Int.Cl. C10G 33/06 (2006.01) B01D 17/00 (2006.01) B01F 3/12 (2006.01) C10G 1/04 (2006.01)**
[25] EN
[54] **OIL/BITUMEN EMULSION SEPARATION**
[54] **SEPARATION D'UNE EMULSION PETROLE/BITUME**
[72] GJATA, ALEKSANDER, CA
[72] MA, TONY YU HUNG, CA
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2911610)
[87] (2911610)
[22] 2015-11-06
[30] US (62/079,023) 2014-11-13

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[51] **Int.Cl. B60L 15/20 (2006.01) B60K 1/04 (2006.01) B60L 11/18 (2006.01)**
[25] EN
[54] **FUEL CELL SYSTEM, FUEL CELL VEHICLE, AND CONTROL METHOD FOR FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE, VEHICULE A PILE A COMBUSTIBLE ET METHODE DE COMMANDE DU SYSTEME DE PILE A COMBUSTIBLE**
[72] KAKENO, YUJI, JP
[72] NADA, MITSUHIRO, JP
[72] UMAYAHARA, KENJI, JP
[72] TANO, YUTAKA, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911887)
[87] (2911887)
[22] 2015-11-12
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[51] **Int.Cl. B23Q 17/20 (2006.01) B23D 47/00 (2006.01) B23D 59/00 (2006.01) B23Q 17/22 (2006.01)**
[25] EN
[54] **ONBOARD MEASURING SYSTEM FOR MITER SAWS**
[54] **DISPOSITIF DE MESURE EMBARQUE POUR SCIES A ONGLETS**
[72] KNIGHT, COLIN, US
[72] SINGH, IQBAL, US
[72] KULIG, EUGENE, US
[73] SEARS BRANDS, LLC, US
[86] (2912079)
[87] (2912079)
[22] 2015-11-16
[30] US (14/543,501) 2014-11-17

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[51] **Int.Cl. E01C 3/04 (2006.01) D03D 1/00 (2006.01) E01C 3/06 (2006.01)**
[25] EN
[54] **WATER-PERMEABLE WOVEN GEOTEXTILE**
[54] **GEOTEXTILE TISSE ETANCHE**
[72] SUTTON, R. ALAN, US
[72] KUREK, REBECCA, US
[72] HENDRIX, GREG, US
[73] LUMITE, INC., US
[86] (2912108)
[87] (2912108)
[22] 2015-11-16
[30] US (62/169,043) 2015-06-01

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[13] C
[51] **Int.Cl. F01D 25/04 (2006.01) B64D 33/00 (2006.01) F02C 7/36 (2006.01)**
[25] EN
[54] **TURBINE ENGINE ASSEMBLY AND METHOD OF MANUFACTURING THEREOF**
[54] **ENSEMBLE DE MOTEUR DE TURBINE ET METHODE DE FABRICATION ASSOCIEE**
[72] VAN DER MERWE, GERT JOHANNES, US
[72] ORKISZEWSKI, CHARLES STANLEY, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2912395)
[87] (2912395)
[22] 2015-11-19
[30] US (62/082,722) 2014-11-21
[30] US (14/943,653) 2015-11-17

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[13] C
[51] **Int.Cl. D21F 3/08 (2006.01) D21F 3/10 (2006.01)**
[25] EN
[54] **SOFT RUBBER ROLL COVER WITH WIDE GROOVES**
[54] **REVETEMENT DE ROULEAU EN CAOUTCHOUC SOUPLE COMPORTANT DE LARGES RAINURES**
[72] HARVEY, GLEN A., US
[73] STOWE WOODWARD LICENSCO LLC, US
[85] 2015-11-27
[86] 2014-09-18 (PCT/US2014/056217)
[87] (WO2015/042222)
[30] US (61/880,364) 2013-09-20

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[13] C
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **ALGORITHM FOR OPTIMAL ICD CONFIGURATION USING A COUPLED WELLBORE-RESERVOIR MODEL**
[54] **ALGORITHME POUR UNE CONFIGURATION ICD OPTIMALE A L'AIDE D'UN MODELE PUITS DE FORAGE-RESERVOIR COUPLE**
[72] FILIPPOV, ANDREY, US
[72] KHORIAKOV, VITALY, CA
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2015-12-02
[86] 2013-08-01 (PCT/US2013/053263)
[87] (WO2015/016932)

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[13] C
[51] **Int.Cl. B23K 9/32 (2006.01) B23K 37/00 (2006.01) F04B 39/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF CONDITIONING AN AIR FLOW FOR A WELDING ENVIRONMENT**
[54] **SYSTEMES ET PROCEDES DE CONDITIONNEMENT D'UN ECOULEMENT D'AIR POUR UN ENVIRONNEMENT DE SOUDAGE**
[72] BERTRAM, MICHAEL SCOTT, US
[72] BARHORST, STEVEN EDWARD, US
[73] HOBART BROTHERS COMPANY, US
[85] 2015-12-02
[86] 2014-06-10 (PCT/US2014/041721)
[87] (WO2015/006003)
[30] US (61/835,323) 2013-06-14
[30] US (14/298,493) 2014-06-06

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[13] C
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 47/32 (2006.01) G02B 1/04 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **OCULAR DEVICES AND METHODS OF MAKING AND USING THEREOF**
[54] **DISPOSITIFS OCULAIRES ET PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES**
[72] PRUITT, JOHN DALLAS, US
[72] WINTERTON, LYNN COOK, US
[72] LALLY, JOHN MARTIN, US
[73] NOVARTIS AG, CH
[86] (2914805)
[87] (2914805)
[22] 2007-11-05
[62] 2,668,576
[30] US (60/864,428) 2006-11-06

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[13] C
[51] **Int.Cl. E21B 47/02 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **PROBABILISTIC METHODOLOGY FOR REAL TIME DRILLING**
[54] **METHODOLOGIE PROBABILISTE POUR FORAGE EN TEMPS REEL**
[72] YARUS, JEFFREY MARC, US
[72] SRIVASTAVA, RAE MOHAN, CA
[72] SAIKIA, KALYAN, US
[72] YARUS, JORDAN MICHAEL, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2015-12-11
[86] 2013-08-13 (PCT/US2013/054755)
[87] (WO2015/023266)

[11] **2,915,679**
[13] C
[51] **Int.Cl. C07H 21/00 (2006.01) C07H 21/04 (2006.01)**
[25] EN
[54] **GENETIC POLYMORPHISMS ASSOCIATED WITH VENOUS THROMBOSIS, METHODS OF DETECTION AND USES THEREOF**
[54] **POLYMORPHISMES GENETIQUES ASSOCIES A LA THROMBOSE VEINEUSE, PROCEDES POUR LES DETECTER ET UTILISATIONS**
[72] BARE, LANCE, US
[72] DEVLIN, JAMES J., US
[72] ROSENDAAL, FRITS R., US
[72] REITSMA, PIETER H., US
[72] BEZEMER, IRENE D., US
[73] CELERA CORPORATION, US
[73] LEIDEN UNIVERSITY MEDICAL CENTRE (LUMC) ACTING ON BEHALF OF ACADEMIC HOSPITAL LEIDEN (AZL), NL
[86] (2915679)
[87] (2915679)
[22] 2007-10-19
[62] 2,666,346
[30] US (60/853,284) 2006-10-20

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[13] C
[51] **Int.Cl. G02B 27/18 (2006.01) G02B 26/08 (2006.01)**
[25] EN
[54] **NUMERICAL APPROACHES FOR FREE-FORM LENSING: AREA PARAMETERIZATION FREE-FORM LENSING**
[54] **PROCEDES NUMERIQUES DE LENTILLES A FORME LIBRE : LENTILLES A FORME LIBRE A ZONE PARAMETREE**
[72] DAMBERG, GERWIN, CA
[72] BALLESTAD, ANDERS, CA
[72] KUMARAN, RAVEEN, CA
[72] GREGSON, JAMES, CA
[73] MTT INNOVATION INCORPORATED, CA
[85] 2016-01-06
[86] 2015-07-31 (PCT/CA2015/050730)
[87] (2916836)
[30] US (62/031250) 2014-07-31
[30] US (62/194728) 2015-07-20

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[11] **2,916,870**
[13] C
[51] **Int.Cl. B21D 13/02 (2006.01) H01M 8/02 (2016.01)**
[25] EN
[54] **DEVICE AND METHOD FOR FORMING THIN PLATE-SHAPED SUBSTRATE**
[54] **DISPOSITIF ET METHODE SERVANT A FORMER UN SUBSTRAT FORME EN PLAQUE MINCE**
[72] TAGUCHI, NAOTO, JP
[72] YOSHITOME, MASAAKI, JP
[72] HIGUCHI, MANABU, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2015-12-23
[86] 2014-05-26 (PCT/JP2014/063872)
[87] (WO2014/208244)
[30] JP (2013-133062) 2013-06-25

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[11] **2,917,143**
[13] C
[51] **Int.Cl. B27D 5/00 (2006.01) B27D 3/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR DEWATERING GREEN VENEERS FOR PLYWOOD**
[54] **APPAREIL DE DESHYDRATATION DE PLAQUAGES VERTS DESTINES A DES CONTREPLAQUES**
[72] NARITA, MITSUMASA, JP
[72] OHDAIRA, YASUYUKI, JP
[73] TAIHEI MACHINERY WORKS, LTD., JP
[86] (2917143)
[87] (2917143)
[22] 2012-05-31
[62] 2,778,862

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[11] **2,917,390**
[13] C
[51] **Int.Cl. F24C 15/32 (2006.01) F24C 1/14 (2006.01) F24C 15/00 (2006.01)**
[25] EN
[54] **OVEN SYSTEM WITH HEAT EXCHANGER**
[54] **DISPOSITIF DE FOUR MUNI D'UN ECHANGEUR DE CHALEUR**
[72] MOY, CHRIS, US
[72] DENG, ERIC, US
[73] HESTAN COMMERCIAL CORPORATION, US
[86] (2917390)
[87] (2917390)
[22] 2016-01-12
[30] US (62/102,223) 2015-01-12

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[11] **2,918,335**
[13] C
[51] **Int.Cl. C22B 7/00 (2006.01) C22B 13/00 (2006.01) H01M 10/54 (2006.01)**
[25] EN
[54] **METHOD FOR DIRECTLY RECOVERING LEAD OXIDE USED FOR A LEAD-ACID BATTERY NEGATIVE ELECTRODE FROM WASTE LEAD PASTE**
[54] **PROCEDE POUR RECUPERER DIRECTEMENT DE L'OXYDE DE PLOMB UTILISE POUR UNE CATHODE DE BATTERIE AU PLOMB-ACIDE A PARTIR DE DECHETS D'UNE PATE DE PLOMB**
[72] PAN, JUNQING, CN
[72] MA, YONGQUAN, CN
[72] SUN, YANZHI, CN
[72] CAI, XIAOXIANG, CN
[72] NIU, YINJIAN, CN
[72] LIU, XIAOWEI, CN
[72] SONG, SHUANG, CN
[72] CHEN, TIXIAN, CN
[72] CAO, GUOQING, CN
[72] ZHOU, MINGMING, CN
[72] YANG, XINXIN, CN
[72] ZHOU, LONGRUI, CN
[72] YANG, YUNFEI, CN
[73] CHILWEE POWER CO. LTD, CN
[73] BEIJING UNIVERSITY OF CHEMICAL TECHNOLOGY, CN
[85] 2016-01-14
[86] 2014-05-27 (PCT/CN2014/078489)
[87] (WO2015/123930)
[30] CN (201410060387.X) 2014-02-21

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[11] **2,919,595**
[13] C
[51] **Int.Cl. B23D 31/00 (2006.01) F16C 7/00 (2006.01)**
[25] EN
[54] **CONNECTING-ROD FRACTURE SPLITTING APPARATUS**
[54] **APPAREIL DE SEPARATION DE FRACTURE A TIGE DE CONNEXION**
[72] HATAYAMA, TADATOMO, JP
[72] NAKAJIMA, TOMOHIRO, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2919595)
[87] (2919595)
[22] 2016-02-01
[30] JP (2015-049229) 2015-03-12

[11] **2,920,787**
[13] C
[51] **Int.Cl. A01N 37/46 (2006.01) A01N 37/38 (2006.01) A01P 3/00 (2006.01) A23B 9/16 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHOD FOR CONTROLLING PLANT DISEASES COMPRISING MANDESTROBIN AND METALAXYL OR MEFENOXAM**
[54] **COMPOSITION ET METHODE DE CONTROLE DES MALADIES DE VEGETAUX COMPORTANT DE LA MADESTROBINE ET DU METLAXYL OU DU MEFENOXAM**
[72] TAKAISHI, MASANAO, JP
[72] SOMA, MASATO, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[86] (2920787)
[87] (2920787)
[22] 2009-11-20
[62] 2,744,572
[30] JP (2008-299271) 2008-11-25

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[11] **2,921,892**
[13] C
[51] **Int.Cl. F23R 3/00 (2006.01) F01K 21/04 (2006.01) F02C 3/22 (2006.01) F02C 3/30 (2006.01) F23R 3/28 (2006.01) F23R 3/32 (2006.01)**
[25] EN
[54] **FUEL INJECTION DEVICE FOR GAS TURBINE**
[54] **DISPOSITIF D'INJECTION DE CARBURANT POUR TURBINE A GAZ**
[72] OKADA, KUNIO, JP
[72] HORIKAWA, ATSUSHI, JP
[73] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
[85] 2016-02-19
[86] 2014-08-28 (PCT/JP2014/072605)
[87] (WO2015/053004)
[30] JP (2013-213506) 2013-10-11

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[11] **2,922,026**
[13] C
[51] **Int.Cl. E04G 21/14 (2006.01) E04B 1/343 (2006.01) E04H 15/32 (2006.01)**
[25] EN
[54] **METHOD OF ASSEMBLING PANELS, ELONGATED RAIL AND RAIL AND CAP ASSEMBLY FOR ASSEMBLING PANELS**
[54] **METHODE D'ASSEMBLAGE DE PANNEAUX, RAIL ALLONGE ET ENSEMBLE DE RAIL ET CAPUCHON DESTINE A L'ASSEMBLAGE DES PANNEAUX**
[72] TREPANIER, MICHEL, CA
[72] GAGNE, YVES, CA
[73] SOJAG INC., CA
[86] (2922026)
[87] (2922026)
[22] 2016-02-26

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[11] **2,922,676**
[13] C
[51] **Int.Cl. C01B 13/11 (2006.01) H01H 85/042 (2006.01) H01H 85/175 (2006.01) H01H 85/20 (2006.01) H01T 19/00 (2006.01)**
[25] EN
[54] **OZONE GENERATION DEVICE AND FUSE HOLDER**
[54] **DISPOSITIF DE PRODUCTION D'OZONE ET PORTE-FUSIBLE**
[72] SHIROTA, AKIHIKO, JP
[72] NODA, KAZUHIKO, JP
[72] HASHIMOTO, MICHIKO, JP
[72] KUBO, KIE, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[85] 2016-02-26
[86] 2014-03-11 (PCT/JP2014/056375)
[87] (WO2015/029475)
[30] JP (2013-180473) 2013-08-30

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[11] **2,922,999**
[13] C
[51] **Int.Cl. E21B 28/00 (2006.01) E21B 21/10 (2006.01)**
[25] EN
[54] **DOWNHOLE PULSE GENERATING DEVICE**
[54] **DISPOSITIF DE PRODUCTION D'IMPULSIONS DE FOND DE TROU**
[72] EDDISON, ALAN MARTYN, GB
[72] KITCHING, ALAN, US
[72] STUART, DEREK, GB
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2016-03-02
[86] 2014-08-18 (PCT/US2014/051435)
[87] (WO2015/065569)
[30] US (14/026,482) 2013-09-13

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[11] **2,923,042**
[13] C
[51] **Int.Cl. F25D 19/02 (2006.01) F25D 23/06 (2006.01)**
[25] EN
[54] **REFRIGERATOR**
[54] **REFRIGERATEUR**
[72] KOO, KEON PYO, KR
[72] KIM, BYUNG SU, KR
[72] LIM, JI HOON, KR
[72] JO, HYUN YOUNG, KR
[72] KANG, HUN KWAN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2016-03-02
[86] 2014-11-26 (PCT/KR2014/011437)
[87] (WO2015/080472)
[30] KR (10-2013-0146750) 2013-11-29

[11] **2,923,337**
[13] C
[51] **Int.Cl. A61L 2/14 (2006.01) A61L 2/22 (2006.01)**
[25] EN
[54] **HAND DISINFECTION DEVICE HAVING A PLASMA AND AEROSOL GENERATOR**
[54] **DISPOSITIF DE DESINFECTION DES MAINS POURVU D'UN GENERATEUR DE PLASMA ET D'AEROSOL**
[72] KROMKER, WILFRIED, DE
[72] WELTMANN, KLAUS-DIETER, DE
[72] VON WOEDTKE, THOMAS, DE
[72] STIEBER, MANFRED, DE
[73] KROMKER, WILFRIED, DE
[73] LEIBNIZ-INSTITUT FUR PLASMAFORSCHUNG UND TECHNOLOGIE E.V., DE
[85] 2016-03-04
[86] 2014-09-05 (PCT/EP2014/068919)
[87] (WO2015/032888)
[30] DE (10 2013 109 777.4) 2013-09-06

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[11] **2,924,429**
[13] C
[51] **Int.Cl. F16C 27/02 (2006.01) F16C 17/04 (2006.01)**
[25] EN
[54] **THRUST BEARING**
[54] **PALIER DE BUTEE**
[72] OMORI, NAOMICHI, JP
[73] IHI CORPORATION, JP
[85] 2016-03-15
[86] 2014-09-17 (PCT/JP2014/074508)
[87] (WO2015/041233)
[30] JP (2013-194441) 2013-09-19

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[13] C
[51] **Int.Cl. H05B 3/03 (2006.01) B01D 53/94 (2006.01) B23K 1/19 (2006.01)**
[25] EN
[54] **ELECTRICALLY-HEATED CATALYTIC CONVERTER**
[54] **CONVERTISSEUR CATALYTIQUE CHAUFFE ELECTRIQUEMENT**
[72] MORI, RENTARO, JP
[72] KAMIYA, SUMIO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2924472)
[87] (2924472)
[22] 2016-03-22
[30] JP (2015-066869) 2015-03-27

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[13] C
[51] **Int.Cl. C23C 4/06 (2016.01) C21D 1/34 (2006.01) C21D 9/08 (2006.01) C21D 9/50 (2006.01) C23C 4/18 (2006.01) C23C 26/00 (2006.01)**
[25] EN
[54] **A METHOD FOR DIFFUSING AND PERMEATING CREEP REINFORCEMENT MATERIAL INTO HEAT-RESISTANT METAL MEMBER, AND HEAT-RESISTANT METAL MEMBER WITH ENHANCED CREEP STRENGTH**
[54] **PROCEDE POUR LE REVETEMENT PAR DIFFUSION D'UN ELEMENT METALLIQUE RESISTANT A LA CHALEUR A L'AIDE DU MATERIAU DE RENFORCEMENT DE LA RESISTANCE AU FLUAGE ET ELEMENT METALLIQUE RESISTANT A LA CHALEUR A RESISTANCE AU FLUAGE AMELIOREE**
[72] NISHIDA, HIDETAKA, JP
[73] THE CHUGOKU ELECTRIC POWER CO., INC., JP
[85] 2016-03-17
[86] 2013-09-25 (PCT/JP2013/075927)
[87] (WO2015/045038)

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[11] **2,924,659**
[13] C
[51] **Int.Cl. A47G 29/00 (2006.01) A47B 81/00 (2006.01) B25H 3/00 (2006.01) B65B 13/18 (2006.01) B65D 85/08 (2006.01)**
[25] EN
[54] **CABLE TIE ORGANIZER**
[54] **ORGANISEUR D'ATTACHES DE CABLE**
[72] SACKFIELD, RANDY, CA
[73] SACKFIELD, RANDY, CA
[85] 2016-03-16
[86] 2014-10-23 (PCT/CA2014/051025)
[87] (WO2015/058304)
[30] US (61/894,682) 2013-10-23

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[11] **2,924,680**
[13] C
[51] **Int.Cl. D06M 11/34 (2006.01) A45C 3/00 (2006.01) A45F 3/00 (2006.01)**
[25] EN
[54] **ODOR REMOVAL ASSEMBLY**
[54] **ENSEMBLE D'ELIMINATION DES ODEURS**
[72] DRAKE, DANIEL V., US
[73] MOJACK DISTRIBUTORS, LLC, US
[86] (2924680)
[87] (2924680)
[22] 2016-03-17
[30] US (14/662,032) 2015-03-18

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[11] **2,925,148**
[13] C
[51] **Int.Cl. B23D 55/08 (2006.01)**
[25] EN
[54] **KNOCKDOWN BAND SAW GUIDE SEAT**
[54] **SIEGE GUIDE DE SCIE A RUBAN A DECOUPER**
[72] CHANG, TUNG-WEI, TW
[73] CHANG, TUNG-WEI, TW
[86] (2925148)
[87] (2925148)
[22] 2016-03-24
[30] TW (104205313) 2015-04-09

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[11] **2,928,245**
[13] C
[51] **Int.Cl. E21B 33/13 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **FLOW CONTROL IN SUBTERRANEAN WELLS**
[54] **CONTROLE D'ECOULEMENT DANS LES PUITS SOUTERRAINS**
[72] SCHULTZ, ROGER L., US
[72] WATSON, BROCK W., US
[72] FERGUSON, ANDREW M., US
[72] FUNKHOUSER, GARY P., US
[73] THRU TUBING SOLUTIONS, INC., US
[86] (2928245)
[87] (2928245)
[22] 2016-04-26
[30] US (62/252,174) 2015-11-06
[30] US (PCT/US15/38248) 2015-06-29
[30] US (14/698,578) 2015-04-28

[11] **2,928,259**
[13] C
[51] **Int.Cl. B01J 4/02 (2006.01)**
[25] EN
[54] **FLUID CONTROL AND PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT ET DE REGULATION FLUIDIQUE**
[72] DORITY, DOUGLAS B., US
[73] CEPHEID, US
[86] (2928259)
[87] (2928259)
[22] 2001-07-26
[62] 2,814,576
[30] US (09/648,570) 2000-08-25

[11] **2,928,402**
[13] C
[51] **Int.Cl. F04D 25/08 (2006.01) F04D 29/58 (2006.01) F04F 5/16 (2006.01) F04F 5/46 (2006.01) F24H 3/04 (2006.01)**
[25] EN
[54] **A FAN ASSEMBLY**
[54] **ENSEMBLE VENTILATEUR**
[72] FITTON, NICHOLAS GERALD, GB
[72] SUTTON, JOHN SCOTT, GB
[72] GAMMACK, PETER DAVID, GB
[72] DYSON, JAMES, GB
[72] WALLACE, JOHN DAVID, GB
[72] SMITH, ARRAN GEORGE, GB
[73] DYSON TECHNOLOGY LIMITED, GB
[86] (2928402)
[87] (2928402)
[22] 2010-02-18
[62] 2,746,536
[30] GB (0903682.3) 2009-03-04
[30] GB (0911178.2) 2009-06-29

[11] **2,928,755**
[13] C
[51] **Int.Cl. E03D 1/34 (2006.01) E03D 1/14 (2006.01)**
[25] EN
[54] **TWIN WATER-DRAINAGE VALVE INNER CORE TUBE STARTING APPARATUS**
[54] **APPAREIL DE DEBUT DE TUBE DE C□UR INTERNE POUR CLAPET DOUBLE DE PURGE D'EAU**
[72] LIU, YONGMAO, CN
[73] LAB (XIAMEN) SANITARY FITTINGS INC, CN
[85] 2016-04-26
[86] 2013-11-13 (PCT/CN2013/087025)
[87] (WO2015/070391)

[11] **2,928,853**
[13] C
[51] **Int.Cl. A42B 3/06 (2006.01) A42B 3/04 (2006.01) A42B 3/18 (2006.01)**
[25] EN
[54] **BUMP CAP FOR FACE PROTECTION MEMBERS**
[54] **CASQUE ANTICHOC DESTINE A DES ELEMENTS DE PROTECTION FACIALE**
[72] SOMMERS, ERIC T., US
[73] ILLINOIS TOOL WORKS INC., US
[86] (2928853)
[87] (2928853)
[22] 2016-05-04
[30] US (14/738,206) 2015-06-12

[11] **2,929,734**
[13] C
[51] **Int.Cl. C22C 19/05 (2006.01) C22C 30/02 (2006.01) C22F 1/00 (2006.01) C22F 1/10 (2006.01)**
[25] EN
[54] **NI-CR ALLOY MATERIAL AND SEAMLESS OIL COUNTRY TUBULAR GOODS USING THE SAME**
[54] **MATERIAU D'ALLIAGE DE NI-CR ET MATERIEL TUBULAIRE PETROLIER SANS SOUDURE UTILISANT CE MATERIAU**
[72] TOMIO, YUSAKU, JP
[72] SAGARA, MASAYUKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-05-04
[86] 2014-11-11 (PCT/JP2014/079868)
[87] (WO2015/072458)
[30] JP (2013-234035) 2013-11-12

[11] **2,932,095**
[13] C
[51] **Int.Cl. H04W 36/18 (2009.01)**
[25] EN
[54] **SOFT HANDOFF ACROSS DIFFERENT NETWORKS ASSISTED BY AN END-TO-END APPLICATION PROTOCOL**
[54] **TRANSFERT INTERCELLULAIRE SANS COUPURE ENTRE RESEAUX DISTINCTS ASSISTE PAR UN PROTOCOLE D'APPLICATION DE BOUT EN BOUT**
[72] LI, PENG, US
[72] MAHENDRAN, ARUNGUNDRAM C., US
[73] QUALCOMM INCORPORATED, US
[86] (2932095)
[87] (2932095)
[22] 2004-02-12
[62] 2,515,902
[30] US (10/366,454) 2003-02-12

[11] **2,932,337**
[13] C
[51] **Int.Cl. E03D 1/32 (2006.01)**
[25] EN
[54] **MINOR WATER LEAK PREVENTION APPARATUS FOR WATER INLET VALVE**
[54] **APPAREIL DE PREVENTION DE FUITE D'EAU MINEURE POUR UNE VANNE D'ENTREE D'EAU**
[72] LIU, YONGMAO, CN
[72] ZHANG, ZIPENG, CN
[73] LAB (XIAMEN) SANITARY FITTINGS INC, CN
[85] 2016-06-01
[86] 2014-06-06 (PCT/CN2014/079363)
[87] (WO2015/184639)

[11] **2,932,793**
[13] C
[51] **Int.Cl. F16K 17/04 (2006.01) G01L 19/00 (2006.01) G01L 27/00 (2006.01) G05D 7/06 (2006.01) G05D 16/20 (2006.01) G05D 23/13 (2006.01)**
[25] EN
[54] **A VALVE AND A METHOD OF OPERATING A VALVE**
[54] **VANNE ET PROCEDE DE FONCTIONNEMENT D'UNE VANNE**
[72] ENGELBREKTSSON, ANDERS, SE
[72] JILDEROS, DANIEL, SE
[72] THYBO, CLAUS, DK
[73] IMI HYDRONIC ENGINEERING INTERNATIONAL SA, CH
[85] 2016-06-03
[86] 2014-12-17 (PCT/EP2014/078300)
[87] (WO2015/091690)
[30] EP (13199048.3) 2013-12-20

[11] **2,932,854**
[13] C
[51] **Int.Cl. C23C 2/06 (2006.01) C21D 8/02 (2006.01) C22C 38/04 (2006.01) C22C 38/14 (2006.01) C23C 2/02 (2006.01)**
[25] EN
[54] **STEEL SHEET HOT-DIP COATED WITH ZN-AL-MG-BASED SYSTEM HAVING EXCELLENT WORKABILITY AND METHOD FOR MANUFACTURING SAME**
[54] **TOLE D'ACIER REVETUE PAR IMMERSION A CHAUD PAR UN SYSTEME A BASE DE ZN-AL-MG AYANT UNE EXCELLENTE APTITUDE AU FACONNAGE ET SON PROCEDE DE FABRICATION**
[72] HIRATA, KENTAROU, JP
[72] UESUGI, SHINYA, JP
[72] KATAGIRI, YUKIO, JP
[72] URANAKA, MASAAKI, JP
[72] SHIGETOMI, TOMOHARU, JP
[73] NISSHIN STEEL CO., LTD., JP
[85] 2016-06-06
[86] 2014-12-19 (PCT/JP2014/083712)
[87] (WO2015/093596)
[30] JP (2013-262271) 2013-12-19

[11] **2,933,715**
[13] C
[51] **Int.Cl. F16B 13/06 (2006.01)**
[25] EN
[54] **EXPANSION ANCHOR HAVING ANTI-ROTATION MEANS**
[54] **ANCRAGE EXTENSIBLE A SECURITE ANTI-ROTATION**
[72] DIJKHUIS, ARJEN DETMER, AT
[72] SCHOLZ, PATRICK, CH
[72] MEIER, ROBERT, AT
[72] RICKERS, PETER, CH
[73] HILTI AKTIENGESELLSCHAFT, LI
[85] 2016-06-14
[86] 2014-12-16 (PCT/EP2014/077941)
[87] (WO2015/091465)
[30] EP (13198324.9) 2013-12-19

[11] **2,933,878**
[13] C
[51] **Int.Cl. A63J 1/00 (2006.01) E04F 15/02 (2006.01) E04H 3/24 (2006.01)**
[25] EN
[54] **CONVERTIBLE FLOOR PANEL ASSEMBLY, COMPOSITE FLOOR STRUCTURE, AND METHOD FOR FILLING AN ORCHESTRA OPENING ADJACENT A THEATER STAGE**
[54] **ENSEMBLE DE PANNEAU DE PLANCHER CONVERTIBLE, STRUCTURE DE PLANCHER CONVERTIBLE ET METHODE DE REMPLISSAGE D'UNE FOSSE D'ORCHESTRE ADJACENTE A UNE SCENE DE THEATRE**
[72] PHILLIPS, BRIAN O., US
[73] PRODUCTIONS UNLIMITED, INC., US
[86] (2933878)
[87] (2933878)
[22] 2016-06-27
[30] US (15/061,592) 2016-03-04
[30] US (62/183,952) 2015-06-24

[11] **2,934,193**
[13] C
[51] **Int.Cl. A61M 25/00 (2006.01) A61M 25/06 (2006.01)**
[25] EN
[54] **PLEURODESIS DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE PLEURODESE**
[72] DEVRIES, ELISE, US
[72] KRUEGER, JOHN A., US
[72] MASSI, SHAYNA, US
[72] RAY, JOHN, US
[72] DOSHI, PALAK, US
[73] CAREFUSION 2200, INC., US
[85] 2016-06-16
[86] 2014-11-24 (PCT/US2014/067019)
[87] (WO2015/099926)
[30] US (14/139,008) 2013-12-23

[11] **2,940,236**
[13] C
[51] **Int.Cl. A61B 5/05 (2006.01) G01N 27/72 (2006.01) G01R 33/3415 (2006.01)**
[25] EN
[54] **SINGLE COIL MAGNETIC INDUCTION TOMOGRAPHIC IMAGING**
[54] **IMAGERIE TOMOGRAPHIQUE PAR INDUCTION MAGNETIQUE A BOBINE UNIQUE**
[72] FELDKAMP, JOSEPH R., US
[72] SULLIVAN, SHAWN JEFFERY, US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2016-08-19
[86] 2014-07-16 (PCT/IB2014/063151)
[87] (WO2015/128704)
[30] US (14/191,913) 2014-02-27

[11] **2,941,240**
[13] C
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[54] **CORRECTION AUTONOME D'ERREUR D'ALIGNEMENT DANS UN SYSTEME ROBOTIQUE MAITRE-ESCLAVE**
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[72] CAMERON, PETER, US
[73] TITAN MEDICAL INC., CA
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[54] **SYSTEME, METHODE ET PRODUIT DE PROGRAMME INFORMATIQUE SERVANT A EXECUTER UN SCRIPT PERSONNALISE DE REALITE ALTERNEE**
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[54] **SYSTEME DE MISE EN CONCORDANCE DE SERVICES DE BIENS IMMOBILIERS EN LIGNE**
[72] WANG, WEI, CA
[72] WANG, MENG HAN, CA
[72] DONG, HONG WEI, CA
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[54] **PAINT TRAY WITH DISPOSABLE LINER SYSTEM**
[54] **PLATEAU A PEINTURE DOTE D'UN DISPOSITIF DE DOUBLURE JETABLE**
[72] ZAMARRIPA, JAVIER MORA, CA
[71] POLY TRAY SYSTEMS INC., CA
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[54] **METHODES DE PRE-ACHAT ET D'ENTREPOSAGE DE PRODUIT**
[72] SHIMONOV, JOSEPH, CA
[71] SHIMONOV, JOSEPH, CA
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[72] MARION, GERARD J. W. G., CA
[71] MARION, GERARD J. W. G., CA
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[54] **CLOSURE HAVING EXCELLENT ORGANOLEPTIC PERFORMANCE**
[54] **FERMETURE OFFRANT UN EXCELLENT RENDEMENT ORGANOLEPTIQUE**
[72] WANG, XIAOCHUAN, CA
[72] KESHTKAR, MEHDI, CA
[72] ANSEEUW, RENEE LAUREL, CA
[72] GIBBONS, IAN ROBERT, CA
[72] ARNOULD, GILBERT ALEXANDER, CA
[71] NOVA CHEMICALS CORPORATION, CA
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[54] **COMBINATION BOTTLE AND CAN OPENER**
[54] **COMBINAISON D'OUVRE-BOITE ET D'OUVRE-BOUTEILLE**
[72] STANGELAND, JAMES A., US
[72] COLLINS, PAUL F., US
[71] STANGELAND, JAMES A., US
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[54] **GUTTER COVER, GUTTER ASSEMBLY INCLUDING SAME, AND METHOD FOR INSTALLATION THEREOF**
[54] **COUVRE-GOUTTIERE, ENSEMBLE DE GOUTTIERE COMPORTANT LEDIT COUVRE-GOUTTIERE ET METHODE D'INSTALLATION ASSOCIEE**
[72] BROCHU, STEPHANE, CA
[71] BROCHU, STEPHANE, CA
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[54] **FACILITATING MONITORING OF USERS**
[54] **FACILITATION DE LA SURVEILLANCE DES UTILISATEURS**
[72] ASKARI, PEYMAN, CA
[72] ASKARI, KAZEM, CA
[72] CHONG, JONATHAN TZU TIAM, CA
[72] CHUNG, JASON, CA
[72] SITTAMPALAM, GURUBARAN, CA
[71] ASKARI, PEYMAN, CA
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[54] **MINTEY MOUSE SYSTEMS**
[54] **MECANISMES DESTINES A DECOURAGER LES RONGEURS**
[72] GALWAY, KIM, CA
[71] GALWAY, KIM, CA
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[25] EN
[54] **PROCESS TRACKING LASER CAMERA WITH NON-EYE-SAFE AND EYE-SAFE OPERATING MODES**
[54] **CAMERA LASER DE SUIVI DE PROCEDE OFFRANT UN MODE FONCTIONNEL SECURITAIRE POUR LES YEUX ET UN MODE FONCTIONNEL NON SECURITAIRE POUR LES YEUX**
[72] BOILLOT, JEAN-PAUL, CA
[72] BUREAU, ERIC, CA
[72] GABOURY, JACQUES-ANDRE, CA
[71] SERVO-ROBOT INC., CA
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[54] **SYSTEM FOR RAISING AND LOWERING A BUILDING**
[54] **MECANISME PERMETTANT DE SOULEVER ET D'ABAISSER UN BATIMENT**
[72] WENSEL, MONTY, CA
[71] WENSEL, MONTY, CA
[71] LESLIE, GEORGE, CA
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[54] **DISPOSITIF DE FRACTURATION HYDRAULIQUE DU ROC**
[72] LEGRIS, GUY, CA
[71] LEGRIS, GUY, CA
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[25] EN
[54] **IMPLEMENT WING CASTER WHEEL FOR TRANSPORT**
[54] **ACCESSOIRE DE ROUE PIVOTANTE DE TRANSPORT D'AILE**
[72] HOFMANN, TODD, CA
[72] COLISTRO, VINCENT, CA
[71] SCHULTE INDUSTRIES LTD., CA
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[54] **MARINE DRINK COOLER**
[54] **REFROIDISSEUR DE BOISSON DESTINE A UN USAGE MARIN**
[72] BUTLER, ADAM, CA
[71] BUTLER, ADAM, CA
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[54] **COUPLING WITH ALIGNMENT RINGS AND WEAR SENSOR**
[54] **RACCORDEMENT AU MOYEN DE BAGUES D'ALIGNEMENT ET DE CAPTEUR D'USURE**
[72] BEAUMONT, DARCY L., CA
[71] BEAUMONT, DARCY L., CA
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[54] **RAIL CAR TERMINAL FACILITY STAGING PROCESS**
[54] **PROCEDE D'ORGANISATION D'INSTALLATION DE TERMINAL FERROVIAIRE**
[72] BENEDICT, ALBERT JAMES, CA
[71] BENEDICT, ALBERT JAMES, CA
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[25] EN
[54] **METHOS AND SYSTEMS FOR MOBILE DEVICE RISK MAMNAGEMENT**
[54] **METHODES ET SYSTEMES DE GESTION DU RISQUE DE DISPOSITIF MOBILE**
[72] MAHABIR, ROGER RAMCHAND, CA
[72] ABDULRAHEM, MESBAH, CA
[72] DOEL, JASON, CA
[72] GRYS, PETER, CA
[71] TRACKER NETWORKS INC., CA
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[54] **GARMENT PATTERN ENGINEERING UTILIZING TWO-DIMENSIONAL IMAGERY OF THE HUMAN FORM**
[54] **INGENIERIE DE MOTIF DE VETEMENT EMPLOYANT L'IMAGERIE BIDIMENSIONNELLE DE LA FORME HUMAINE**
[72] LENIHAN, LAWRENCE, US
[72] FERRARA, JOSEPH, US
[71] RESONANCE COMPANIES LLC, US
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[54] **SYSTEM AND METHOD FOR WIRELESS USER EQUIPMENT ACCESS**
[54] **SYSTEME ET METHODE D'ACCES A UN EQUIPEMENT UTILISATEUR SANS FIL**
[72] ALSOHAILY, AHMED, CA
[72] SOUSA, ELVINO SILVEIRA MEDINA DE, CA
[71] ALSOHAILY, AHMED, CA
[71] SOUSA, ELVINO SILVEIRA MEDINA DE, CA
[22] 2016-06-01
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[51] **Int.Cl. A47J 45/10 (2006.01) B67B 7/18 (2006.01)**
[25] EN
[54] **TOOL FOR GRASPING AND HANDLING AN ARTICLE**
[54] **OUTIL PERMETTANT DE SAISIR ET DE MANIPULER UN ARTICLE**
[72] FURRER, ARMIN, CH
[71] FURRER, ARMIN, CH
[22] 2016-06-01
[41] 2017-12-01

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[25] EN
[54] **WIRELESS PERSONAL SAFETY DEVICE**
[54] **DISPOSITIF DE SECURITE PERSONNEL SANS FIL**
[72] SCULLY, JACK T., US
[72] SCHNEIDER, MARK, US
[71] MICRO APPS GROUP INVENTIONS LLC, US
[22] 2016-06-01
[41] 2017-12-01

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[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/30 (2006.01)**
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[54] **SAGD WELL CONFIGURATION**
[54] **CONFIGURATION DE PUITS SAGD**
[72] SWIST, JASON, CA
[71] SWIST, JASON, CA
[22] 2016-06-02
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[51] **Int.Cl. E21B 43/34 (2006.01) E21B 43/241 (2006.01) E21B 49/08 (2006.01)**
[25] EN
[54] **METHOD FOR SOLVENT RECOVERY FROM GRAVITY DRAINAGE CHAMBER FORMED BY SOLVENT-BASED EXTRACTION AND APPARATUS TO DO THE SAME**
[54] **METHODE DE RECUPERATION DE SOLVANT D'UNE CHAMBRE D'EVACUATION PAR GRAVITE FORMEE PAR EXTRACTION A BASE DE SOLVANT ET APPAREIL SERVANT A REALISER LA METHODE**
[72] EICHHORN, MARK ANTHONY, CA
[72] CROSBY, ALEX MACKENZIE, CA
[72] BAWA, GHARANDIP SINGH, CA
[72] CRAWFORD, EVAN THOMAS, CA
[72] KRAWCHUK, PAUL, CA
[72] LEE, CASSANDRA AMANDA, CA
[71] NSOLV CORPORATION, CA
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[51] **Int.Cl. B23K 9/24 (2006.01) B23K 9/26 (2006.01)**
[25] EN
[54] **WELDING APPARATUS AND METHOD**
[54] **APPAREIL DE SOUDAGE ET METHODE**
[72] CHEN, JIAYUAN, CA
[71] CHEN, JIAYUAN, CA
[22] 2016-06-02
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[51] **Int.Cl. A61C 7/08 (2006.01) A61F 5/56 (2006.01)**
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[54] **IMPROVED DENTAL BITE PLATE**
[54] **PLAQUE DE MORSURE DENTAIRE AMELIOREE**
[72] COLSON, DANA, CA
[71] COLSON, DANA, CA
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[25] FR
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[54] **CONDITIONNEMENT ELECTRIQUE DES BOUES BIOLOGIQUES POUR LES APPRETER A UNE DESHYDRATATION/EXTRACTIO N**
[72] BERRAK, ABDERRAZAK, CA
[72] BOUREGA, ABDELAZIZ, CA
[71] BXA INNOVATION, CA
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[54] **SPIRALIZING MANDOLIN**
[54] **MANDOLINE PRODUISANT UNE SPIRALE**
[72] BAGLEY, JUSTIN, US
[72] KAPOSI, SASCHA, US
[72] AASNESS, KYLE DEAN, US
[71] PROGRESSIVE INTERNATIONAL CORPORATION, US
[22] 2016-06-14
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[30] US (15/170,870) 2016-06-01

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[51] **Int.Cl. F24H 3/04 (2006.01) F24H 9/20 (2006.01)**
[25] EN
[54] **COMBINATION COOLING AND HEATING FAN STRUCTURE**
[54] **COMBINAISON DE STRUCTURE DE VENTILATEUR REFROIDISSANT ET CHAUFFANT**
[72] YU, STEVEN, US
[71] YU, STEVEN, US
[22] 2016-07-13
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[51] **Int.Cl. B61L 25/02 (2006.01) B61L 27/00 (2006.01)**
[25] EN
[54] **RAIL CAR TERMINAL FACILITY STAGING**
[54] **ORGANISATION D'INSTALLATION DE TERMINAL FERROVIAIRE**
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[71] BENEDICT, ALBERT JAMES, CA
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[51] **Int.Cl. F21V 11/08 (2006.01) F21V 7/00 (2006.01) F21V 13/10 (2006.01) G09F 9/30 (2006.01)**
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[54] **LIGHT-EMITTING ASSEMBLY AND DISPLAY DEVICE**
[54] **ASSEMBLAGE EMETTEUR DE LUMIERE ET DISPOSITIF D'AFFICHAGE**
[72] CHANG, MING, CN
[72] YAN, BAOHONG, CN
[71] LEYARD OPTOELECTRONIC CO., LTD., CN
[22] 2016-08-29
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[30] CN (201610371149X) 2016-05-30

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[25] EN
[54] **FASTENER AND METHOD OF RESTRICTING FLUID FLOW USING SAME**
[54] **ATTACHE ET METHODE DE RESTRICTION D'ECOULEMENT DE FLUIDE EMPLOYANT LADITE ATTACHE**
[72] JORDAN, MATTHEW JOSEPH, US
[72] BURNEY, DENNES KYLE, US
[72] HEETER, ROBERT WARREN, US
[72] RIVERS, JONATHAN, US
[71] ROLLS-ROYCE CORPORATION, US
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[30] US (15/165,731) 2016-05-26

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[25] EN
[54] **ANTIBODY BINDING TO CARBONIC ANHYDRASE AND USE THEREOF**
[54] **ANTICORPS SE LIANT A UNE ANHYDRASE CARBONIQUE ET UTILISATION ASSOCIEE**
[72] MOON, YOO RI, KR
[72] JI, GIL YONG, KR
[71] DINONA, KR
[22] 2016-11-16
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[30] KR (PCT/KR2016/005722) 2016-05-30

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[13] A1
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[25] EN
[54] **A RADIO WAVE TRANSDUCER AND A METHOD FOR DETECTION OF SPINAL SEGMENTAL DYSFUNCTION**
[54] **UN TRANSDUCTEUR D'ONDE RADIO ET UNE METHODE DE DETECTION DE LA DYSFONCTION SEGMENTAIRE SPINALE**
[72] HONG, HUNG PETER, HK
[71] CANADIAN CHIROPRACTIC CENTRE LIMITED, CN
[22] 2017-01-24
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[30] HK (16106297.9) 2016-06-02

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[54] **NETWORK CONNECTED DISPENSING DEVICE**
[54] **DISPOSITIF DE DISTRIBUTION CONNECTE EN RESEAU**
[72] TORRESANI, GIORGIO, US
[72] SAWYER, JEFFREY SCOTT, US
[72] SAWHNEY, PUNEET, US
[72] GROVES, AUSTIN S., US
[72] PATEL, DRASHTI SUNIT, US
[71] ACCENTURE GLOBAL SOLUTIONS LIMITED, IE
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[51] **Int.Cl. H04R 3/00 (2006.01) B60R 11/02 (2006.01) B60R 16/02 (2006.01) H03M 1/66 (2006.01) H05K 11/02 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **MOBILE DEVICE CHARGER WITH AUDIO INTERFACE**
[54] **CHARGEUR D'APPAREIL MOBILE EQUIPE D'UNE INTERFACE AUDIO**
[72] TREJO, KEVIN MICHAEL, US
[72] ALVES, VINCE, US
[71] SCOSCHE INDUSTRIES, INC., US
[22] 2017-01-31
[41] 2017-12-02
[30] US (15/171,948) 2016-06-02

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[13] A1
[51] **Int.Cl. F02C 7/28 (2006.01)**
[25] EN
[54] **INTERSHAFT SEALING SYSTEMS FOR GAS TURBINE ENGINES AND METHODS FOR ASSEMBLING THE SAME**
[54] **SYSTEMES DE JOINTAGE INTER ARBRE DESTINES AUX TURBINES A GAZ ET METHODES D'ASSEMBLAGE ASSOCIEES**
[72] SNOW, KYLE ROBERT, US
[72] TOMASIC, DANIEL SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
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[41] 2017-11-27
[30] US (15/166,917) 2016-05-27

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[51] **Int.Cl. E04C 1/00 (2006.01) C09K 3/00 (2006.01)**
[25] EN
[54] **BISTABLE AUXETICS**
[54] **MATERIAU AUXETIQUE BISTABLE**
[72] PASINI, DAMIANO, CA
[72] ABBASI, AHMAD RAFSANJANI, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
[22] 2017-03-20
[41] 2017-12-02
[30] US (62/344,675) 2016-06-02

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[13] A1
[51] **Int.Cl. B62D 55/07 (2006.01) B62B 17/04 (2006.01)**
[25] EN
[54] **FRAME FOR A SNOWMOBILE**
[54] **CHASSIS DE MOTONEIGE**
[72] VEZINA, SEBASTIEN, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
[22] 2017-03-27
[41] 2017-11-30
[30] US (62/343,075) 2016-05-30
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[13] A1
[51] **Int.Cl. F02C 7/22 (2006.01) F02C 7/228 (2006.01) F02C 7/24 (2006.01) F23R 3/28 (2006.01)**
[25] EN
[54] **FIRE SHIELD INTEGRATED TO FUEL NOZZLE RETAINING BRACKET**
[54] **ECRAN PARE-FEU INTEGRE A UN SUPPORT DE RETENUE DE BUSE DE CARBURANT**
[72] MORENKO, OLEG, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-03-24
[41] 2017-11-27
[30] US (15/166,577) 2016-05-27

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[51] **Int.Cl. F01D 5/10 (2006.01) F01D 25/04 (2006.01)**
[25] EN
[54] **FRICTION DAMPER**
[54] **ATTENUATEUR DE FRICTION**
[72] PANKRATOV, MAKSIM, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-03-24
[41] 2017-11-27
[30] US (15/166,588) 2016-05-27

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[13] A1
[51] **Int.Cl. F16C 17/26 (2006.01) B64C 27/39 (2006.01) F16C 33/26 (2006.01) F16C 43/02 (2006.01) F16D 3/10 (2006.01) F16D 71/00 (2006.01)**
[25] EN
[54] **COMPACT THRUST BEARING ASSEMBLIES, MECHANICAL ASSEMBLIES INCLUDING COMPACT THRUST BEARING ASSEMBLIES, AND METHODS OF PROVIDING LIMITED ROTATIONAL MOTION IN A COMPACT THRUST BEARING ASSEMBLY**
[54] **ASSEMBLAGES DE PALIER DE POUSSEE COMPACTS, ASSEMBLAGES MECANIQUES COMPORTANT LES ASSEMBLAGES DE PALIER DE POUSSEE COMPACTS ET METHODE PERMETTANT DE LIMITER LE MOUVEMENT DE ROTATION D'UN ASSEMBLAGE DE PALIER DE POUSSEE COMPACT**
[72] CLAUSS, MARTIN J., US
[71] THE BOEING COMPANY, US
[22] 2017-03-28
[41] 2017-12-01
[30] US (15/170,731) 2016-06-01

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[71] PRO FORM PRODUCTS LIMITED, CA
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[72] CHAKRAPANI, SIDDHARTH SUBRAMANIAM, US
[71] BRASSCRAFT MANUFACTURING COMPANY, US
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[54] **OUTIL DE COUPE ROTATIF DOTE D'UNE CHAMBRE DE COUPE A DISTRIBUTION COMPLETE**
[72] HARVEY, BERNARDO, MX
[71] DEERE & COMPANY, US
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[54] **COMMANDE INDEPENDANTE DE PROFONDEUR D'OUTIL D'ENGAGEMENT AU SOL**
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[72] ALTMAN, RUSSELL LOUIS, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
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[54] **DISQUE AVANT A PISTON PNEUMATIQUE DESTINE A CONTROLER L'ESPACEMENT DANS UN COMPRESSEUR CENTRIFUGE**
[72] NESTEROFF, MICHAEL, US
[72] ACKER, JONATHAN, US
[72] CRUTCHFIELD, JEFFREY, US
[72] OTTOW, NATHAN, US
[71] ROLLS-ROYCE CORPORATION, US
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[54] **METHODE DE TEST D'UN JOINT D'UNE CAVITE DE PALIER SCELLEE**
[72] HUPPE, ROGER, CA
[72] LEGARE, PIERRE-YVES, CA
[72] MARTEL, ALAIN C., CA
[72] SOUKHOSTAVETS, VALERI, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[72] FRIBUS, WLADISLAW, DE
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[54] **TAPIS ROULANT COMPORTANT UNE PLATEFORME DE TAPIS ROULANT COURBEE**
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[71] CHANG, CHUNG-FU, TW
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[54] **SYSTEMES ET METHODE DE BATTERIE AU PLOMB-ACIDE**
[72] GUO, ZHIHUA, US
[72] SHARMA, GAUTAM, US
[72] NANDI, SOUVIK, US
[72] ASRAR, JAWED, US
[72] DIETZ, ALBERT G., III, US
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[72] BOURLOTOS, DANIEL, US
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[72] MEYER, MICHAEL, US
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[72] MCFARLANE, MERDICK E., CA
[71] MCFARLANE, MERDICK E., CA
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[54] **CONTROLE ENVIRONNEMENTAL D'ENTRAINEMENT MOYENNE TENSION**
[72] DASKALOS, MICHAEL C., US
[72] KLEINECKE, JOHN C., US
[71] TOSHIBA INTERNATIONAL CORPORATION, US
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[54] **ELECTRO-PHOTOGRAPHIC SHEET OF PAPER DUPLEX PRINTING MACHINE**
[54] **FEUILLE DE PAPIER ELECTRO-PHOTOGRAPHIQUE DESTINEE A UNE MACHINE D'IMPRESSION PAPIER RECTO VERSO**
[72] IZAWA, HIDEO, JP
[72] TAKAHASHI, KENJI, JP
[72] YAMAZAKI, YUUICHI, JP
[71] MIYAKOSHI PRINTING MACHINERY CO., LTD., JP
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[54] **METHODE DE FABRICATION D'UNE COMPOSANTE D'UNE MACHINE ROTATIVE ET COMPOSANTE FABRIQUEE AU MOYEN DE LADITE METHODE**
[72] RETTBERG, ROBIN, CH
[72] KRANZLER, THOMAS, DE
[72] WURMS, ANDREAS, CH
[71] SULZER MANAGEMENT AG, CH
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[54] **DISPOSITIF DE PREHENSION AMOVIBLE POUR ANSE, EN FORME D'OREILLE, D'USTENSILE DE CUISINE**
[72] DODANE, PAUL, FR
[72] DROUVILLE, PASCAL, FR
[71] CRISTEL, FR
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[54] **DISPOSITIF DE COLLECTEUR A DECLENCHEUR DOUBLE DESTINE A DES SYSTEMES DE TURBINE**
[72] VIRKLER, ADAM ERIC, US
[72] NOSEK, DANIEL JOHN, US
[72] WOJICK, TROY GILCHRIST, US
[72] DIETRICH, BRENT ALLAN, US
[72] BAILEY, TERRY JOSEPH, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **IMPROVED FLUME APPARATUS AND METHOD FOR MODULAR HEAT EXCHANGE TOWER**
[54] **APPAREILLAGE DE CANAL AMELIORE ET METHODE DESTINEE A UNE TOUR D'ECHANGEUR THERMIQUE MODULAIRE**
[72] SPECKIN, MARK, US
[72] FOLKEN, AARON, US
[72] JENKINS, DUSTIN, US
[71] SPX COOLING TECHNOLOGIES, INC., US
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[54] **ASSESSMENT OF SUTURE OR STAPLE LINE INTEGRITY AND LOCALIZATION OF POTENTIAL TISSUE DEFECTS ALONG THE SUTURE OR STAPLE LINE**
[54] **EVALUATION DE L'INTEGRITE D'UNE SUTURE OU D'UNE LIGNE D'AGRAFES ET REPERAGE DE DEFAUTS POTENTIELS DES TISSUS LE LONG DE LA SUTURE OU DE LA LIGNE D'AGRAFES**
[72] KRIMSKY, WILLIAM S., US
[71] COVIDIEN LP, US
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[54] **ARRANGEMENT COMPRISING A TURBOMACHINE, AND ASSOCIATED OPERATING METHOD**
[54] **ARRANGEMENT COMPRENANT UNE TURBOMACHINE ET METHODE DE FONCTIONNEMENT ASSOCIE**
[72] POGGEL, STEFFEN, DE
[72] SCHMIDT, SVEN, DE
[71] DIEHL AEROSPACE GMBH, DE
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[54] **PROGRAMME D'ECLAIRAGE DESTINE A L'ECLAIRAGE INTERIEUR D'UN AERONEF**
[72] FEHRINGER, SEBASTIAN, DE
[71] DIEHL AEROSPACE GMBH, DE
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[54] **POCHETTE AUTO SCELLANTE MEDICALE PRE PLIEE DOTEE D'UNE MARQUE DE PRESSION**
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[71] SHANGHAI JIANZHONG MEDICAL PACKAGING CO., LTD., CN
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[54] **DISPOSITIF D'HELICE AJUSTABLE ET SYSTEME**
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[72] KEHN, RICHARD, US
[72] STRAND, AARON, US
[71] SPX FLOW, INC., US
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[54] **JOINT LABYRINTHE A PROJECTION D'ORIENTATION DE LUBRIFIANT**
[72] OTTOW, NATHAN W., US
[71] ROLLS-ROYCE CORPORATION, US
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[54] **A MONOCLONAL ANTIBODY INHIBITING IMMUNOSUPPRESIVE FUNCTIONS OF PATHOGENS, ANTIGEN-BINDING FRAGMENT THEREOF, AND HYBRIDOMAS PRODUCING SUCH ANTIBODY**
[54] **UN ANTICORPS MONOCLONAL INHIBANT LES FONCTIONS IMMUNOSUPPRESSIVES DES PATHOGENES, FRAGMENT ANTI-LIANT ASSOCIE ET HYBRIDOMES PRODUISANT UN TEL ANTICORPS**
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[72] LIN, YU-LING, TW
[72] JIAN, TING-YAN, TW
[71] SAGABIO CO., LTD., TW
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[54] **RACCORD DE CABLE ELECTRIQUE DUPLEX**
[72] BRODEUR, MARC, CA
[72] VEILLETTE, MARC-ANTOINE, CA
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[54] **REGULATION D'AFFICHAGE DE DONNEES PAR UN SYSTEME D'AFFICHAGE**
[72] ZANDEE, JAMES CREIGHTON, US
[72] JONES, KEVIN, US
[72] FAIRCHILD, DAVID ALLEN, US
[72] SYKES, GREGORY REED, US
[71] GE AVIATION SYSTEMS LLC, US
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[54] **ENREGISTREUR DE DONNEES SERVANT A ENREGISTRER DE MANIERE PERMANENTE DES DONNEES PRE-EVENEMENT**
[72] THERIAULT, BRYAN ADAM, US
[72] LOYAL, BRIAN JACOB, US
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[54] **APPAREILLAGE DE CANAL DE HOTTE D'ASPIRATION AMELIORE ET METHODE DESTINEE A UNE TOUR D'ECHANGEUR THERMIQUE MODULAIRE**
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[54] **SYSTEM AND METHOD FOR A GRAPHICAL USER INTERFACE FOR FINANCIAL PLANNING**
[54] **SYSTEME ET METHODE DESTINES A UNE INTERFACE UTILISATEUR GRAPHIQUE EN VUE DE LA PLANIFICATION FINANCIERE**
[72] BHALLA, VIJYAT, CA
[71] 8696322 CANADA INC., CA
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[54] **CONTENANT DE REFRIGERATEUR AMOVIBLE SERVANT A TENIR UNE CANETTE**
[72] GAMBLE, SHAUNA, CA
[72] HALL, GREGORY ALLAN THOMAS, CA
[72] DEFAZIO, MICHAEL JOSEPH, CA
[72] FYKE, STEVEN HENRY, CA
[72] THOMAS, BRENT WAYNE, CA
[71] DANBY PRODUCTS LIMITED, CA
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[54] **MOBILE COMPUTING DEVICE HOLDER**
[54] **SUPPORT DE DISPOSITIF INFORMATIQUE MOBILE**
[72] BACALLAO, YURGIS MAURO, US
[72] CAUTION, STEPHEN TYLER, US
[71] WAL-MART STORES, INC., US
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[54] **JOUET DE CONSTRUCTION A ELEMENTS INTERBLOQUANTS**
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[71] ILIOVITS, GAVRIEL, CA
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[54] **BROADBAND ANTENNA IN THE CRASH PAD FOR VEHICLE**
[54] **ANTENNE LARGE BANDE DESTINEE AU COUSSIN GONFLABLE D'UN VEHICULE**
[72] YANG, TAE HOON, KR
[72] CHO, SUNG MIN, KR
[72] JU, SANG A., KR
[72] YU, BYEONG CHAN, KR
[72] LIM, SANG HOON, KR
[72] HWANG, JIN KYU, KR
[71] INFAC ELECS CO., LTD., KR
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[54] **SYSTEME D'ACCESSOIRE ENDOVASCULAIRE A EXTREMITE DISTALE FLEXIBLE ET ACCESSOIRE ACTIVE PAR UN ELEMENT CHAUFFANT**
[72] LORENZO, JUAN A., US
[72] ECHARRI, ROBERTO, US
[71] DEPUY SYNTHES PRODUCTS, INC., US
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[54] **MECHANICAL LINK**
[54] **LIEN MECANIQUE**
[72] KEEN, PHIL, GB
[71] ULTRA ELECTRONICS LIMITED, GB
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[25] EN
[54] **DISPENSER SERVICING IN A MULTIPLE WASHROOM FACILITY**
[54] **ENTRETIEN DE DISTRIBUTEUR DESTINE A UNE INSTALLATION COMPORTANT PLUSIEURS SALLES DE BAIN**
[72] OPHARDT, HEINER, CH
[72] GUGLIOTTA, RUDOLPHO GIAN-FRANCO, CH
[71] OP-HYGIENE IP GMBH, CH
[22] 2017-05-24
[41] 2017-11-26
[30] US (62/342,124) 2016-05-26

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[51] **Int.Cl. G01N 33/53 (2006.01) B81B 1/00 (2006.01)**
[25] EN
[54] **MICROFLUIDIC BIOSENSOR FOR ALLERGEN DETECTION**
[54] **BIOCAPTEUR MICROFLUIDIQUE DESTINE A LA DETECTION D'ALLERGENE**
[72] NEETHIRAJAN, SURESH, CA
[72] WENG, XUAN, CA
[71] UNIVERSITY OF GUELPH, CA
[22] 2017-05-24
[41] 2017-11-30
[30] US (62/343287) 2016-05-31
[30] US (62/419696) 2016-11-09

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[13] A1
[51] **Int.Cl. A01D 34/416 (2006.01) A01D 34/63 (2006.01) A01D 34/68 (2006.01)**
[25] EN
[54] **VEGETATION CUTTING TOOL**
[54] **OUTIL DE COUPE DE LA VEGETATION**
[72] ZHANG, QI, CN
[72] NIE, FANGJIE, CN
[71] CHERVON (HK) LIMITED, HK
[22] 2017-05-24
[41] 2017-11-30
[30] CN (201620503797.1) 2016-05-30
[30] CN (201610369447.5) 2016-05-30
[30] US (15/600,382) 2017-05-19

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[13] A1
[51] **Int.Cl. E04B 2/58 (2006.01) E04B 2/56 (2006.01) E04C 3/02 (2006.01)**
[25] EN
[54] **TRACK SYSTEM FOR SUPPORTING WALL STUDS**
[54] **SYSTEME DE RAIL DESTINE A SUPPORTER DES MONTANTS MURAUX**
[72] ROSHINSKY, MERVIN S., CA
[72] FERGUSON, HARRY B., CA
[72] NYSSEN, ADRIANUS, CA
[71] TAB TRACK SYSTEM INC., CA
[22] 2017-05-26
[41] 2017-11-26
[30] US (62/341,858) 2016-05-26

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[13] A1
[51] **Int.Cl. A61K 31/7008 (2006.01) A61P 21/06 (2006.01)**
[25] EN
[54] **USE OF N-ACETYLGLUCOSAMINE AND DERIVATIVES THEREOF TO TREAT MUSCLE DISORDERS**
[54] **UTILISATION DE N-ACETYLGLUCOSAMINE ET DE SES DERIVES POUR LE TRAITEMENT DE TROUBLES MUSCULAIRES**
[72] SATO, SACHIKO, CA
[72] SATO, MASAHIKO, CA
[72] RANCOURT, ANN, CA
[71] SATO, SACHIKO, CA
[71] SATO, MASAHIKO, CA
[71] RANCOURT, ANN, CA
[22] 2017-05-26
[41] 2017-11-30
[30] US (62/343,508) 2016-05-31

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[13] A1
[51] **Int.Cl. B42D 25/40 (2014.01) B42D 25/355 (2014.01) B42D 25/364 (2014.01) B41M 3/14 (2006.01)**
[25] EN
[54] **OFFSET ACTIVATION DEVICE**
[54] **DISPOSITIF D'ACTIVATION EN DECALAGE**
[72] ARSENAULT, ANDRE, CA
[71] OPALUX INC., CA
[22] 2017-05-24
[41] 2017-11-29
[30] US (62/343000) 2016-05-29

[21] **2,968,189**
[13] A1
[51] **Int.Cl. H04N 21/2747 (2011.01) H04N 21/274 (2011.01) H04L 12/16 (2006.01)**
[25] EN
[54] **CLOUD-BASED DIGITAL CONTENT RECORDER APPARATUS AND METHODS**
[54] **APPAREIL D'ENREGISTREMENT DE CONTENU NUMERIQUE FONDE SUR LE NUAGE ET METHODES**
[72] MUVAVARIRWA, RANGA, US
[71] TIME WARNER CABLE ENTERPRISES LLC, US
[22] 2017-05-25
[41] 2017-12-01
[30] US (15/170,787) 2016-06-01

[21] **2,968,224**
[13] A1
[51] **Int.Cl. C22C 21/02 (2006.01) C22C 21/04 (2006.01)**
[25] EN
[54] **ALUMINUM ALLOY FOR HIGH-PRESSURE VACCUM DIE CASTING OPERATIONS**
[54] **ALLIAGE D'ALUMINIUM DESTINE A DES OPERATIONS DE MOULAGE SOUS HAUTE PRESSION**
[72] BRETON, FRANCIS, CA
[72] BOUDREAULT, CLEMENT, CA
[71] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
[22] 2017-05-24
[41] 2017-11-30
[30] US (62/343,061) 2016-05-30

[21] **2,968,236**
[13] A1
[51] **Int.Cl. G07B 11/00 (2006.01) G07B 15/00 (2011.01)**
[25] EN
[54] **VALIDATOR DEVICE FOR A TICKETING SYSTEM**
[54] **DISPOSITIF DE VALIDATION DESTINE A UN SYSTEME DE BILLETERIE**
[72] OELERT, KAI, DE
[71] SCHEIDT & BACHMANN GMBH, DE
[22] 2017-05-25
[41] 2017-12-01
[30] EP (16172462.0) 2016-06-01

[21] **2,968,240**
[13] A1
[51] **Int.Cl. F25B 5/02 (2006.01) A47F 3/04 (2006.01) F25B 39/02 (2006.01) F25D 23/00 (2006.01)**
[25] EN
[54] **MULTI-CIRCUIT COOLING ELEMENT FOR A REFRIGERATION SYSTEM**
[54] **ELEMENT DE REFROIDISSEMENT MULTI-CIRCUIT DESTINE A UN SYSTEME DE REFRIGERATION**
[72] CHOUEIFATI, JULES G., US
[72] SWOFFORD, TIMOTHY D., US
[71] HILL PHOENIX, INC., US
[22] 2017-05-25
[41] 2017-11-26
[30] US (62/341,731) 2016-05-26

[21] **2,968,348**
[13] A1
[51] **Int.Cl. F16N 29/02 (2006.01) F16C 41/00 (2006.01)**
[25] EN
[54] **BEARING LUBRICATOR, CONTROLLER AND ASSOCIATED METHOD**
[54] **LUBRIFICATEUR DE PALIER, CONTROLEUR ET METHODE ASSOCIEE**
[72] GOSSARD, BRADFORD KYLE, US
[72] FISTROVICH, THOMAS JOHN, US
[72] LEWIS, MATTHEW IVAN, US
[71] REGAL BELOIT AMERICA, INC., US
[22] 2017-05-25
[41] 2017-11-26
[30] US (15/165,321) 2016-05-26

[21] **2,968,392**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/18 (2006.01)**
[25] EN
[54] **VARIABLE PRESSURE SAGD (VP-SAGD) FOR HEAVY OIL RECOVERY**
[54] **SAGD A PRESSION VARIABLE (SAGD-PV) DESTINE A LA RECUPERATION DE PETROLE BRUT**
[72] CHEN, ZHANGXING, CA
[72] JIA, XINFENG, CA
[71] UTI LIMITED PARTNERSHIP, CA
[22] 2017-05-24
[41] 2017-11-30
[30] US (62/343,373) 2016-05-31

[21] **2,968,445**
[13] A1
[51] **Int.Cl. G07F 17/00 (2006.01) G06Q 50/10 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SEARCHING AVAILABLE RENTAL VEHICLES BASED ON ADJUSTABLE PARAMETERS**
[54] **RECHERCHE DE VEHICULES DE LOCATION DISPONIBLES FONDEE SUR DES PARAMETRES REGLABLES**
[72] ARMELIN, YANN, FR
[72] SEROT, THIBAULT, FR
[72] MAISSA, NOLWENN MOEATA DELPHINE, FR
[72] BARRAU, JEAN-BAPTISTE, FR
[72] ASTUDILLO, PATRICIO, BE
[71] AMADEUS S.A.S., FR
[22] 2017-05-25
[41] 2017-12-01
[30] FR (FR 1654964) 2016-06-01
[30] US (US 15/170,553) 2016-06-01

[21] **2,968,467**
[13] A1
[51] **Int.Cl. A61M 1/28 (2006.01) A61M 1/14 (2006.01)**
[25] EN
[54] **FILTRATION SYSTEM AND PROCESS FOR PERITONEAL DIALYSIS**
[54] **SYSTEME DE FILTRATION ET PROCEDE DE DIALYSE PERITONEALE**
[72] HAHNE, KALUB, US
[72] MILNER, KEITH, US
[72] BLATTER, DUANE, US
[72] ISCH, ANDREW, US
[71] COOK MEDICAL TECHNOLOGIES LLC, US
[22] 2017-05-26
[41] 2017-11-27
[30] US (62/342,821) 2016-05-27

[21] **2,968,471**
[13] A1
[51] **Int.Cl. A23L 19/12 (2016.01) A23L 5/10 (2016.01) A23L 27/00 (2016.01) A23L 33/115 (2016.01)**
[25] EN
[54] **SEASONED FOOD PRODUCT AND METHOD**
[54] **PRODUIT ALIMENTAIRE ASSAISONNE ET METHODE**
[72] LONERGAN, DENNIS, US
[71] POTANDON PRODUCE L.L.C., US
[22] 2017-05-26
[41] 2017-11-27
[30] US (62/342,407) 2016-05-27
[30] US (15/606,559) 2017-05-26

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[13] A1
[51] **Int.Cl. F25D 3/08 (2006.01) F25D 23/02 (2006.01) F25D 23/06 (2006.01)**
[25] EN
[54] **TRANSPORTABLE TRANSPARENT CORK-INSULATED COOLER**
[54] **GLACIERE TRANSPORTABLE TRANSPARENTE ISOLEE AVEC DU LIEGE**
[72] FURNEAUX, TODD MCLEAN, US
[72] FISCHER, GARY M., JR., US
[72] THUMA, MICHAEL, US
[72] PHILLIPS, WILLIAM J., US
[72] VOGLER, MICHAEL R., US
[71] SOVARO COOLERS, LLC, US
[22] 2017-05-26
[41] 2017-11-27
[30] US (15/166,649) 2016-05-27

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[13] A1
[51] **Int.Cl. B66F 9/065 (2006.01) B62B 3/06 (2006.01) B66F 9/12 (2006.01) B66F 9/20 (2006.01)**
[25] EN
[54] **PALLET SLED**
[54] **LUGE EN PALETTE**
[72] KALINOWSKI, DANE GIN MUN, US
[72] ROBINSON, WILLIAM, US
[71] REHRIG PACIFIC COMPANY, US
[22] 2017-05-26
[41] 2017-11-26
[30] US (62/341,833) 2016-05-26

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[21] **2,968,528**
[13] A1
[51] **Int.Cl. A46B 9/00 (2006.01) A46B 7/00 (2006.01)**
[25] EN
[54] **PAINT BRUSH WITH GROOVED PLUG STRIP**
[54] **PINCEAU A BANDE DE PRISE RAINUREE**
[72] CLINE, CHARLES L., US
[72] MELEGARI, SCOTT A., US
[72] MULLINS, CHAD T., US
[72] ZIMMERMAN, MICHAEL L., US
[71] THE WOOSTER BRUSH COMPANY, US
[22] 2017-05-26
[41] 2017-11-27
[30] US (62/342,247) 2016-05-27

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[13] A1
[51] **Int.Cl. B60R 25/021 (2013.01) B60R 25/023 (2013.01)**
[25] EN
[54] **STEERING LOCK DEVICE**
[54] **DISPOSITIF DE VERROUILLAGE DE DIRECTION**
[72] TAMEZANE, TAKUMI, JP
[72] KATO, TOMOYA, JP
[71] KABUSHIKI KAISHA TOKAI RIKA DENKI SEISAKUSHO, JP
[22] 2017-05-25
[41] 2017-12-02
[30] JP (2016-111254) 2016-06-02

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[21] **2,968,558**
[13] A1
[51] **Int.Cl. F16K 31/64 (2006.01) E03C 1/02 (2006.01) F16K 11/02 (2006.01) F16K 31/70 (2006.01)**
[25] EN
[54] **HOT WATER VALVE WITH INTEGRAL THERMOSTATIC MIXING CARTRIDGE**
[54] **VANNE D'EAU CHAUDE DOTEE D'UNE CARTOUCHE DE MELANGEUR THERMOSTATIQUE INTEGRALE**
[72] BLOCK, MARC G., US
[72] FUNARI, MICHAEL A., US
[71] ZURN INDUSTRIES, LLC, US
[22] 2017-05-26
[41] 2017-11-27
[30] US (62/342,480) 2016-05-27

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[13] A1
[51] **Int.Cl. F16K 31/64 (2006.01) E03C 1/02 (2006.01) F16K 11/02 (2006.01) F16K 31/70 (2006.01)**
[25] EN
[54] **FAUCET ASSEMBLY INCLUDING A THERMOSTATIC MIXING CARTRIDGE**
[54] **ENSEMBLE DE ROBINET COMPORTANT UNE CARTOUCHE DE MELANGEUR THERMOSTATIQUE**
[72] BLOCK, MARC G., US
[72] FUNARI, MICHAEL A., US
[71] ZURN INDUSTRIES, LLC, US
[22] 2017-05-26
[41] 2017-11-27
[30] US (62/342,365) 2016-05-27
[30] US (62/372,469) 2016-08-09
[30] US (15/592,349) 2017-05-11

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[13] A1
[51] **Int.Cl. H01Q 13/08 (2006.01) H01Q 21/00 (2006.01)**
[25] EN
[54] **COMPACT POLARIZED OMNIDIRECTIONAL HELICAL ANTENNA**
[54] **ANTENNE HELICOIDALE OMNIDIRECTIONNELLE POLARISEE COMPACTE**
[72] CHAMBERLAND, HUGO, CA
[71] TRUERC CANADA INC., CA
[22] 2017-05-29
[41] 2017-11-27
[30] US (62/342,742) 2016-05-27

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[13] A1
[51] **Int.Cl. F03D 13/10 (2016.01) B66C 23/18 (2006.01) F16M 11/00 (2006.01)**
[25] EN
[54] **DEVICE AND ARRANGEMENT FOR THE HORIZONTAL PREASSEMBLY OF A WIND TURBINE ROTOR**
[54] **DISPOSITIF ET ARRANGEMENT DE PREASSEMBLAGE HORIZONTAL D'UN ROTOR D'EOLIENNE**
[72] SCHLEDDE, BERND, DE
[72] LUTJEN, JAN, DE
[71] SENVION GMBH, DE
[22] 2017-05-29
[41] 2017-12-01
[30] DE (10 2016 006 572.9) 2016-06-01

[21] **2,968,571**
[13] A1
[51] **Int.Cl. A47K 5/12 (2006.01) B67D 7/84 (2010.01) A45D 33/02 (2006.01) A45D 40/00 (2006.01)**
[25] EN
[54] **DISPENSER ASSEMBLY**
[54] **APPAREIL DISTRIBUTEUR**
[72] SANTORO, DONNA M., US
[72] KIRKPATRICK, ANDY LEE, US
[72] KREUTER, KACEY JAMES, US
[72] KOCIS, STEPHEN JOHN, US
[72] TORIBIO, ANTHONY, US
[72] PEEK, WILLIAM J., US
[71] VI-JON, INC., US
[22] 2017-05-26
[41] 2017-11-27
[30] US (15/166,714) 2016-05-27

[21] **2,968,574**
[13] A1
[51] **Int.Cl. E21B 4/00 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **MOTOR POWER SECTION WITH INTEGRATED SENSORS**
[54] **SECTION D'ALIMENTATION MOTEUR DOTEE DE CAPTEURS INTEGRES**
[72] KEISER, WILLIAM DANIEL, US
[71] SCIENTIFIC DRILLING INTERNATIONAL, INC., US
[22] 2017-05-26
[41] 2017-11-27
[30] US (62/342,842) 2016-05-27
[30] US (15/605,429) 2017-05-25

[21] **2,968,579**
[13] A1
[51] **Int.Cl. E21B 43/00 (2006.01)**
[25] FR
[54] **EXPLOITATION PROCESS FOR HYDROCARBONS IN AN UNDERGROUND FORMATION, BY MEANS OF OPTIMIZED SCALING**
[54] **PROCEDE D'EXPLOITATION DES HYDROCARBURES D'UNE FORMATION SOUTERRAINE, AU MOYEN D'UNE MISE A L'ECHELLE OPTIMISEE**
[72] ANTONINI, MARC, FR
[72] PAYAN, FREDERIC, FR
[72] SCHNEIDER, SEBASTIEN, FR
[72] DUVAL, LAURENT, FR
[72] PEYROT, JEAN-LUC, FR
[71] IFP ENERGIES NOUVELLES, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE NICE, FR
[22] 2017-05-26
[41] 2017-11-30
[30] FR (16 54 906) 2016-05-31

[21] **2,968,599**
[13] A1
[51] **Int.Cl. F16M 11/26 (2006.01) B66F 1/02 (2006.01) B66F 5/00 (2006.01)**
[25] EN
[54] **JACK STAND WITH DUAL COLUMN SUPPORT**
[54] **PIED DE VERIN A SUPPORT DE COLONNE DOUBLE**
[72] SIGOUIN, LOUIS J., CA
[72] EDWARDS, DANIEL S., CA
[71] SIGOUIN, LOUIS J., CA
[71] EDWARDS, DANIEL S., CA
[22] 2017-05-30
[41] 2017-12-01
[30] US (62/344,116) 2016-06-01

[21] **2,968,626**
[13] A1
[51] **Int.Cl. H04M 3/56 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ACCESSING CONFERENCE CALLS**
[54] **SYSTEMES ET METHODES D'ACCES A DES CONFERENCES TELEPHONIQUES**
[72] EFRATI, TZAHI, US
[72] MURPHY, THOMAS ARTHUR, US
[71] VONAGE BUSINESS INC., US
[22] 2017-05-26
[41] 2017-11-30
[30] US (15/169212) 2016-05-31

[21] **2,968,636**
[13] A1
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 33/14 (2006.01)**
[25] EN
[54] **WELLBORE STAGE TOOL WITH REDUNDANT CLOSING SLEEVES**
[54] **OUTIL A ETAGE DESTINE A UN TROU DE FORAGE DOTE DE MANCHONS A FERMETURE REDONDANTE**
[72] THEMIG, DANIEL JON, CA
[71] PACKERS PLUS ENERGY SERVICES INC., CA
[22] 2017-05-26
[41] 2017-11-27
[30] US (62/342,634) 2016-05-27

[21] **2,968,651**
[13] A1
[51] **Int.Cl. A61B 17/56 (2006.01) A61B 17/04 (2006.01) A61B 17/88 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ALL-INSIDE SUTURE FIXATION FOR IMPLANT ATTACHMENT AND SOFT TISSUE REPAIR**
[54] **SYSTEMES ET METHODES DE FIXATION DE SUTURE INTERIEURE INTEGRALE DESTINES A LA FIXATION D'IMPLANT ET LA REPARATION DE TISSU MOU**
[72] VIOLA, PAUL, US
[71] IVY SPORTS MEDICINE, LLC, US
[22] 2017-05-25
[41] 2017-11-26
[30] US (62/341,744) 2016-05-26
[30] US (62/370,167) 2016-08-02

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[13] A1
[51] **Int.Cl. G06K 7/01 (2006.01) G06F 21/86 (2013.01)**
[25] FR
[54] **CARD READER BODY WITH SECURED MEMORY**
[54] **CORPS DE LECTEUR DE CARTE A MEMOIRE SECURISE**
[72] PAVAGEAU, STEPHANE, FR
[72] JADEAU, JOHANN, FR
[71] INGENICO GROUP, FR
[22] 2017-05-30
[41] 2017-11-30
[30] FR (1654938) 2016-05-31

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[13] A1
[51] **Int.Cl. A47B 81/00 (2006.01) B25H 3/04 (2006.01) B25H 5/00 (2006.01) B60R 11/00 (2006.01) B68B 9/00 (2006.01) B68C 1/00 (2006.01)**
[25] EN
[54] **MOVEABLE SADDLE RACK**
[54] **SUPPORT DE SELLETTE MOBILE**
[72] DEWITT, LEE JOHN, US
[71] DEWITT INNOVATIONS, LLC, US
[22] 2017-05-26
[41] 2017-11-27
[30] US (62/342,550) 2016-05-27
[30] US (62/418,377) 2016-11-07
[30] US (15/606,371) 2017-05-26
[30] US (15/606,523) 2017-05-26

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[13] A1
[51] **Int.Cl. G10K 11/16 (2006.01) H04M 3/56 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MITGATING AND/OR AVOIDING FEEDBACK LOOPS DURING COMMUNICATION SESSIONS**
[54] **SYSTEMES ET METHODES D'ATTENUATION OU D'EVITEMENT DE BOUCLES DE RETROACTION PENDANT LES SESSIONS DE COMMUNICATION**
[72] SHALTIEL, NATAN, IL
[72] GOLAN, YUVAL, IL
[71] VONAGE BUSINESS INC., US
[22] 2017-05-26
[41] 2017-11-30
[30] US (15/168,583) 2016-05-31

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[13] A1
[51] **Int.Cl. G06F 21/57 (2013.01) G06Q 10/00 (2012.01)**
[25] EN
[54] **SECURITY THREAT INFORMATION GATHERING AND INCIDENT REPORTING SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DE RAPPORT D'INCIDENT ET DE COLLECTE DE RENSEIGNEMENTS SUR LES MENACES DE SECURITE**
[72] FINDLAY, VALARIE ANN, CA
[71] FINDLAY, VALARIE ANN, CA
[22] 2017-05-30
[41] 2017-11-30
[30] US (62/343,300) 2016-05-31

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[13] A1
[51] **Int.Cl. B64D 13/00 (2006.01) F24F 5/00 (2006.01) F25B 11/00 (2006.01)**
[25] EN
[54] **MULTIPLE NOZZLE CONFIGURATIONS FOR A TURBINE OF AN ENVIRONMENTAL CONTROL SYSTEM**
[54] **CONFIGURATIONS DE BUSE MULTIPLE DESTINEES A UNE TURBINE D'UN SYSTEME DE CONTROLE ENVIRONNEMENTAL**
[72] BRUNO, LOUIS J., US
[72] HIPSKY, HAROLD W., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2017-05-26
[41] 2017-11-26
[30] US (62/341,936) 2016-05-26

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[13] A1
[51] **Int.Cl. B64D 13/00 (2006.01) F24F 5/00 (2006.01) F25B 11/00 (2006.01)**
[25] EN
[54] **MIXING BLEED AND RAM AIR AT A TURBINE INLET**
[54] **MELANGE D'AIR DE PRELEVEMENT ET D'AIR DYNAMIQUE A L'ENTREE D'UNE TURBINE**
[72] BRUNO, LOUIS J., US
[72] HIPSKY, HAROLD W., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2017-05-26
[41] 2017-11-26
[30] US (62/341,922) 2016-05-26

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[13] A1
[51] **Int.Cl. B64D 13/00 (2006.01) F24F 5/00 (2006.01) F25B 11/00 (2006.01)**
[25] EN
[54] **MIXING BLEED AND RAM AIR USING AN AIR CYCLE MACHINE WITH TWO TURBINES**
[54] **MELANGE D'AIR DE PRELEVEMENT ET D'AIR DYNAMIQUE AU MOYEN D'UNE MACHINE A CYCLE D'AIR DOTEE DE DEUX TURBINES**
[72] BRUNO, LOUIS J., US
[72] HIPSKY, HAROLD W., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2017-05-26
[41] 2017-11-26
[30] US (62/341,887) 2016-05-26

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[13] A1
[51] **Int.Cl. B64D 13/00 (2006.01) F24F 5/00 (2006.01) F25B 11/00 (2006.01)**
[25] EN
[54] **MIXING RAM AND BLEED AIR IN A DUAL ENTRY TURBINE SYSTEM**
[54] **MELANGE D'AIR DE PRELEVEMENT ET D'AIR DYNAMIQUE DANS UN SYSTEME DE TURBINE A ENTREE DOUBLE**
[72] BRUNO, LOUIS J., US
[72] HIPSKY, HAROLD W., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2017-05-26
[41] 2017-11-26
[30] US (62/341,851) 2016-05-26

[21] **2,968,740**
[13] A1
[51] **Int.Cl. B64D 13/02 (2006.01) F02C 6/08 (2006.01) F02C 9/18 (2006.01)**
[25] EN
[54] **MIXING BLEED AND RAM AIR USING A DUAL USE TURBINE SYSTEM**
[54] **MELANGE D'AIR DE PRELEVEMENT ET D'AIR DYNAMIQUE AU MOYEN D'UN SYSTEME DE TURBINE A USAGE DOUBLE**
[72] BRUNO, LOUIS J., US
[72] HIPSKY, HAROLD W., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2017-05-26
[41] 2017-11-26
[30] US (62/341,878) 2016-05-26

[21] **2,968,742**
[13] A1
[51] **Int.Cl. F24F 5/00 (2006.01) B64D 13/00 (2006.01)**
[25] EN
[54] **MIXING RAM AND BLEED AIR IN A DUAL ENTRY TURBINE SYSTEM**
[54] **MELANGE D'AIR DE PRELEVEMENT ET D'AIR DYNAMIQUE DANS UN SYSTEME DE TURBINE A ENTREE DOUBLE**
[72] BRUNO, LOUIS J., US
[72] HIPSKY, HAROLD W., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2017-05-26
[41] 2017-11-26
[30] US (62/341,845) 2016-05-26

[21] **2,968,743**
[13] A1
[51] **Int.Cl. F21S 2/00 (2016.01) F21K 9/00 (2016.01) A47G 33/06 (2006.01) F21S 10/02 (2006.01) F21V 21/10 (2006.01) F21V 23/00 (2015.01)**
[25] EN
[54] **ILLUMINATION SYSTEM FOR AN ARTIFICIAL TREE**
[54] **SYSTEME D'ILLUMINATION D'UN ARBRE ARTIFICIEL**
[72] OCEGUEDA GALLAGA, VICTOR HUGO, MX
[72] ZHANG, YIFENG, CN
[72] CHENG, ELMER CHI HANG, HK
[71] POLYGROUP MACAU LIMITED (BVI), VG
[22] 2017-05-26
[41] 2017-11-27
[30] US (62/342,374) 2016-05-27

[21] **2,968,745**
[13] A1
[51] **Int.Cl. B64D 13/00 (2006.01) F24F 5/00 (2006.01) F25B 11/00 (2006.01)**
[25] EN
[54] **MIXING BLEED AND RAM AIR USING A TWO TURBINE ARCHITECTURE WITH AN OUTFLOW HEAT EXCHANGER**
[54] **MELANGE D'AIR DE PRELEVEMENT ET D'AIR DYNAMIQUE AU MOYEN D'UNE ARCHITECTURE A DEUX TURBINES DOTEE D'UN ECHANGEUR THERMIQUE DE FLUX SORTANT**
[72] BRUNO, LOUIS J., US
[72] HIPSKY, HAROLD W., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2017-05-26
[41] 2017-11-26
[30] US (62/341,867) 2016-05-26

[21] **2,968,746**
[13] A1
[51] **Int.Cl. B64D 13/00 (2006.01) F24F 5/00 (2006.01) F25B 11/00 (2006.01)**
[25] EN
[54] **AN ENVIRONMENTAL CONTROL SYSTEM WITH AN OUTFLOW HEAT EXCHANGER**
[54] **UN DISPOSITIF DE CONTROLE ENVIRONNEMENTAL DOTE D'UN ECHANGEUR THERMIQUE A FLUX SORTANT**
[72] BRUNO, LOUIS J., US
[72] HIPSKY, HAROLD W., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2017-05-26
[41] 2017-11-26
[30] US (62341,899) 2016-05-26

[21] **2,968,763**
[13] A1
[51] **Int.Cl. B64D 13/00 (2006.01) F02C 6/08 (2006.01) F24F 5/00 (2006.01) F25B 11/00 (2006.01)**
[25] EN
[54] **AN ENERGY FLOW OF AN ADVANCED ENVIRONMENTAL CONTROL SYSTEM**
[54] **UN FLUX D'ENERGIE D'UN DISPOSITIF DE CONTROLE ENVIRONNEMENTAL EVOLUE**
[72] BRUNO, LOUIS J., US
[72] HIPSKY, HAROLD W., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2017-05-26
[41] 2017-11-26
[30] US (62/341,950) 2016-05-26

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[13] A1
[51] **Int.Cl. B64D 13/00 (2006.01) F24F 5/00 (2006.01) F25B 11/00 (2006.01)**
[25] EN
[54] **MIXING BLEED AND RAM AIR AT A TURBINE INLET OF A COMPRESSING DEVICE**
[54] **MELANGE D'AIR DE PRELEVEMENT ET D'AIR DYNAMIQUE A L'ENTREE D'UNE TURBINE D'UN APPAREIL COMPRESSEUR**
[72] BRUNO, LOUIS J., US
[72] HIPSKY, HAROLD W., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2017-05-26
[41] 2017-11-26
[30] US (62/341,929) 2016-05-26

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[51] **Int.Cl. F25B 11/00 (2006.01) B64D 13/00 (2006.01) F24F 5/00 (2006.01)**
[25] EN
[54] **AN ENERGY FLOW OF AN ADVANCED ENVIRONMENTAL CONTROL SYSTEM**
[54] **UN FLUX D'ENERGIE D'UN DISPOSITIF DE CONTROLE ENVIRONNEMENTAL EVOLUE**
[72] HALL, DAVID E., US
[72] BRUNO, LOUIS J., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2017-05-26
[41] 2017-11-26
[30] US (62/341,955) 2016-05-26

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[13] A1
[51] **Int.Cl. E21B 21/10 (2006.01)**
[25] EN
[54] **FLOW DIVERTER**
[54] **DEFLECTEUR DE FLUX**
[72] WESSON, SHEA KELLER, US
[72] WESSON, HAROLD ROBINSON, US
[71] ACCESS DOWNHOLE LP, US
[22] 2017-05-31
[41] 2017-11-30
[30] US (62/343,371) 2016-05-31

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[21] **2,968,792**
[13] A1
[51] **Int.Cl. B25H 3/00 (2006.01)**
[25] EN
[54] **TOOL CHEST ORGANIZATION BOARD**
[54] **TABLEAU D'ORGANISATION D'UN COFFRE A OUTILS**
[72] MARUZZO, WALTER, CA
[72] RACINE, CHRIS, CA
[71] 1046959 ONTARIO INC., CA
[22] 2017-05-30
[41] 2017-11-30
[30] US (62/343,062) 2016-05-30

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[21] **2,968,801**
[13] A1
[51] **Int.Cl. B62B 9/08 (2006.01) B62B 5/04 (2006.01) B62B 9/20 (2006.01)**
[25] EN
[54] **ROTATING HANDLE DYNAMIC BRAKE**
[54] **FREIN DYNAMIQUE A POIGNEE ROTATIVE**
[72] FLEMING, WESLEY, CA
[72] MCPHERSON, ROGER, CA
[72] MENDES, KARL, CA
[71] THULE CANADA INC., CA
[22] 2017-05-31
[41] 2017-11-30
[30] US (62/343,571) 2016-05-31
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[51] **Int.Cl. G01V 3/08 (2006.01) A42B 3/04 (2006.01) A42B 3/30 (2006.01) E21F 17/18 (2006.01) G08B 21/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR IDENTIFYING WHEN AN INDIVIDUAL IS IN PROXIMITY TO AN OBJECT**
[54] **METHODE ET APPAREIL PERMETTANT DE DETERMINER LE MOMENT OU UN INDIVIDU EST A PROXIMITE D'UN OBJET**
[72] HAKINS, DAVID, US
[72] BERTOSH, MIKE, US
[72] DUNKIN, BRIAN, US
[72] HARD, ANDREW, US
[71] STRATA PRODUCTS WORLDWIDE, LLC., US
[22] 2017-05-30
[41] 2017-12-01
[30] US (62/344,153) 2016-06-01

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[51] **Int.Cl. C01B 32/158 (2017.01) B82Y 30/00 (2011.01) C01B 32/168 (2017.01) H01L 23/36 (2006.01)**
[25] EN
[54] **CARBON NANOTUBE-BASED THERMAL INTERFACE MATERIALS AND METHODS OF MAKING AND USING THEREOF**
[54] **MATERIAUX D'INTERFACE THERMIQUE A BASE DE NANOTUBES DE CARBONE ET METHODES DE FABRICATION ET UTILISATION ASSOCIEES**
[72] COLA, BARATUNDE, US
[72] PRINZI, LEONARDO, US
[72] GREEN, CRAIG, US
[71] CARBICE CORPORATION, US
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[41] 2017-11-30
[30] US (62/343,458) 2016-05-31
[30] US (15/603,080) 2017-05-23

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[13] A1
[51] **Int.Cl. B62B 7/06 (2006.01) B62B 9/00 (2006.01) B62B 9/10 (2006.01)**
[25] EN
[54] **PASSENGER TRANSPORT CARRIERS**
[54] **SUPPORTS DE TRANSPORT DE PASSAGER**
[72] FLEMING, WESLEY, CA
[72] BRITTON, DANIEL, CA
[71] THULE CANADA INC., CA
[22] 2017-05-31
[41] 2017-11-30
[30] US (15/169,213) 2016-05-31

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[13] A1
[51] **Int.Cl. B60L 13/03 (2006.01) B65G 23/23 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A LONG STATOR LINEAR MOTOR**
[54] **METHODE D'EXPLOITATION D'UN MOTEUR LINEAIRE A STATOR LONG**
[72] WEBER, ANDREAS, AT
[72] WEISSBACHER, JOACHIM, AT
[71] BERNECKER + RAINER INDUSTRIE-ELEKTRONIK GES.M.B.H, AT
[22] 2017-05-31
[41] 2017-11-30
[30] AT (A 50495/2016) 2016-05-31

[21] **2,968,931**
[13] A1
[51] **Int.Cl. H02P 25/06 (2016.01) H02K 41/02 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A LONG STATOR LINEAR MOTOR**
[54] **METHODE D'EXPLOITATION D'UN MOTEUR LINEAIRE A STATOR LONG**
[72] WEBER, ANDREAS, AT
[72] WEISSBACHER, JOACHIM, AT
[71] BERNECKER + RAINER INDUSTRIE-ELEKTRONIK GES.M.B.H, AT
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[41] 2017-11-30
[30] AT (A 50494/2016) 2016-05-31

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[13] A1
[51] **Int.Cl. C12N 5/077 (2010.01) C12N 5/071 (2010.01) C12N 5/074 (2010.01)**
[25] EN
[54] **SERUM-FREE AND XENOGEN-FREE HUMAN CARDIAC EXPLANT-DERIVED STEM CELLS AND USES AND METHODS FOR THE PRODUCTION THEREOF**
[54] **CELLULES SOUCHES DERIVEES D'EXPLANT CARDIAQUE HUMAIN SANS SERUM ET SANS XENOGENE ET UTILISATIONS ET METHODES DE PRODUCTION ASSOCIEES**
[72] STEWART, DUNCAN J., CA
[72] COURTMAN, DAVID, CA
[72] MOUNT, SETH, CA
[72] DAVIS, DARRYL, CA
[71] OTTAWA HEART INSTITUTE RESEARCH CORPORATION, CA
[22] 2017-05-30
[41] 2017-11-30
[30] US (62/343,052) 2016-05-30

[21] **2,968,957**
[13] A1
[51] **Int.Cl. B60S 1/38 (2006.01)**
[25] EN
[54] **END PIECE FOR A WIPER AND CORRESPONDING WIPING ASSEMBLY**
[54] **PIECE D'EXTREMITE D'UN ESSUIE-GLACE ET ENSEMBLE D'ESSUIE-GLACE CORRESPONDANT**
[72] LAURENS, ROMAIN, FR
[72] CHEVALIER, STEPHANE, FR
[71] VALEO SYSTEMES D'ESSUYAGE, FR
[22] 2017-05-30
[41] 2017-11-30
[30] FR (16 54 874) 2016-05-31

[21] **2,969,081**
[13] A1
[51] **Int.Cl. F24F 7/02 (2006.01)**
[25] EN
[54] **SPACED VENT FOR METAL ROOFS**
[54] **EVENT ESPACE DESTINE A DES TOITURES METALLIQUES**
[72] LOWE, STEVEN E., US
[71] COR-A-VENT, INC., US
[22] 2017-05-31
[41] 2017-12-01
[30] US (15/170478) 2016-06-01

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[13] A1
[51] **Int.Cl. A61M 16/08 (2006.01) A61M 15/06 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **THERAPEUTIC DEVICE FOR RESPIRATORY PASSAGES**
[54] **DISPOSITIF THERAPEUTIQUE DESTINE A DES VOIES RESPIRATOIRES**
[72] EBINGER, ANDREA, DE
[72] CEGLA, ULRICH, DE
[71] R. CEGLA GMBH & CO. KG, DE
[22] 2017-05-31
[41] 2017-12-01
[30] EP (16 172 474.5) 2016-06-01

[21] **2,969,266**
[13] A1
[51] **Int.Cl. E04B 9/06 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR WALL SUPPORT OF CEILING SUSPENSION GRID**
[54] **SYSTEME, METHODE ET APPAREIL DE SUPPORT MURAL DESTINES A UNE GRILLE DE SUSPENSION DE PLAFOND**
[72] CZYZEWICZ, ROBIN, US
[72] NEUBEKER, BRYAN, CA
[72] SALAZAR, LORENZO, US
[72] MURRAY, THOMAS G., US
[71] CERTAINTEED CEILINGS CORPORATION, US
[22] 2017-05-30
[41] 2017-12-01
[30] US (62/344,020) 2016-06-01

[21] **2,969,269**
[13] A1
[51] **Int.Cl. B23K 11/36 (2006.01)**
[25] EN
[54] **RESISTANCE WELDING PINCH PROTECTION SYSTEM**
[54] **SYSTEME DE PROTECTION DE PINCEMENT DE SOUDAGE PAR RESISTANCE**
[72] DERDEYN, JEAN-PIERRE, CA
[71] TECHNO-CONTROL CYBERNETIC INC., CA
[22] 2017-05-31
[41] 2017-12-01
[30] US (62/344,027) 2016-06-01

[21] **2,969,271**
[13] A1
[51] **Int.Cl. A45F 3/10 (2006.01)**
[25] EN
[54] **LOAD CARRIAGE FRAME**
[54] **CHASSIS DE TRANSPORT DE CHARGE**
[72] BECK, JASON, US
[71] TYR TACTICAL, LLC, US
[22] 2017-05-31
[41] 2017-12-01
[30] US (62/344,316) 2016-06-01

[21] **2,969,276**
[13] A1
[51] **Int.Cl. F16L 55/18 (2006.01) B60P 3/14 (2006.01) F16L 55/163 (2006.01) F16L 55/165 (2006.01) F16L 58/16 (2006.01)**
[25] EN
[54] **CURED-IN-PLACE PIPE UNIT AND REHABILITATION**
[54] **MODULE DE TUYAU DURCI SUR PLACE ET REHABILITATION**
[72] POER, JIM JOSEPH, US
[71] RUSH SALES COMPANY, INC., US
[22] 2017-06-02
[41] 2017-12-02
[30] US (62/344,482) 2016-06-02
[30] US (62/458,320) 2017-02-13

[21] **2,969,281**
[13] A1
[51] **Int.Cl. H01H 71/40 (2006.01) B60R 16/03 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **EXTERNAL DC OVERCURRENT ELECTRONIC TRIP UNIT FOR CIRCUIT BREAKER**
[54] **MODULE DE DECLENCHEUR ELECTRONIQUE DE SURCOURANT CC EXTERNE DESTINE A UN DISJONCTEUR**
[72] LAVERTU, CARL, CA
[72] BERGER, MAXIME, CA
[71] BOMBARDIER TRANSPORTATION GMBH, DE
[22] 2017-05-31
[41] 2017-12-02
[30] US (62/344,444) 2016-06-02

[21] **2,969,287**
[13] A1
[51] **Int.Cl. A61B 5/053 (2006.01) A61B 18/14 (2006.01) A61B 5/042 (2006.01)**
[25] EN
[54] **BALLOON CATHETER AND RELATED IMPEDANCE-BASED METHODS FOR DETECTING OCCLUSION**
[54] **CATHETER BALLON ET METHODES DE DETECTION D'OCCLUSION ASSOCIEES FONDEES SUR L'IMPEDANCE**
[72] KEYES, JOSEPH THOMAS, US
[72] BEECKLER, CHRISTOPHER THOMAS, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-06-01
[41] 2017-12-02
[30] US (15/172,118) 2016-06-02

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[13] A1
[51] **Int.Cl. E03C 1/22 (2006.01) G05D 7/06 (2006.01) H02J 7/35 (2006.01)**
[25] EN
[54] **ELECTRONIC DRAIN CLOSURE SYSTEM**
[54] **SYSTEME DE FERMETURE DE DRAIN ELECTRONIQUE**
[72] BRADDOCK, CHARLES KERWIN, US
[72] DEBAUGH, THOMAS STUART, US
[71] MAAX BATH INC., CA
[22] 2017-06-01
[41] 2017-12-01
[30] US (62/344,021) 2016-06-01

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[13] A1
[51] **Int.Cl. G01M 99/00 (2011.01) G01M 3/00 (2006.01) G01M 3/04 (2006.01)**
[25] EN
[54] **LEAK DETECTION BACKBONE AND FLOW BARRIERS**
[54] **STRUCTURE DORSALE DE DETECTION DE FUITE ET BARRIERES D'ECOULEMENT**
[72] WAGG, BRIAN TIMOTHY, CA
[72] BUSSIERE, STEPHANE ERIC, CA
[72] APPS, CHRISTOPHER PAUL, CA
[71] C-FER TECHNOLOGIES (1999) INC., CA
[22] 2017-06-02
[41] 2017-12-02
[30] US (62/344,804) 2016-06-02

[21] **2,969,620**
[13] A1
[51] **Int.Cl. F24B 1/18 (2006.01) A47B 97/00 (2006.01) A47J 37/07 (2006.01) F24C 3/08 (2006.01)**
[25] EN
[54] **TABLE TOP FIRE EFFECT ATTACHMENT**
[54] **ACCESSOIRE D'EFFET DE FEU DESTINE A UN DESSUS DE TABLE**
[72] JENKINS, CAMERON, US
[71] BOND MANUFACTURING CO., INC., US
[22] 2017-06-02
[41] 2017-12-02
[30] CN (2016205387405) 2016-06-02
[30] US (15/191181) 2016-06-23

[21] **2,969,722**
[13] A1
[51] **Int.Cl. C08L 23/08 (2006.01) B29C 43/00 (2006.01) B29C 45/00 (2006.01)**
[25] EN
[54] **HINGED COMPONENT COMPRISING POLYETHYLENE COMPOSITION**
[54] **COMPOSANTE A CHARNIERE COMPORTANT UNE COMPOSITION DE POLYETHYLENE**
[72] WANG, XIAOCHUAN, CA
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2017-05-30
[41] 2017-12-01
[30] US (15/169,787) 2016-06-01

[21] **2,975,759**
[13] A1
[51] **Int.Cl. G10K 3/00 (2006.01) A01K 1/00 (2006.01) A01K 15/00 (2006.01) E06B 7/28 (2006.01)**
[25] EN
[54] **KITTY DOOR KNOCKER**
[54] **OUVRE-PORTE DESTINE AUX CHATONS**
[72] LANGSTROTH, MICHAEL, CA
[71] LANGSTROTH, MICHAEL, CA
[22] 2017-08-10
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[21] **2,976,612**
[13] A1
[51] **Int.Cl. B42D 15/04 (2006.01) A63H 5/00 (2006.01) A63H 13/04 (2006.01) B42D 15/02 (2006.01)**
[25] EN
[54] **MUSICAL GREETING CARD**
[54] **CARTE DE SOUHAITS MUSICALE**
[72] DENNIS, ERIN, US
[72] LARSON, SETH, US
[71] AMERICAN GREETINGS CORPORATION, US
[22] 2017-08-16
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[51] **Int.Cl. B25J 19/04 (2006.01) B25J 9/18 (2006.01)**
[25] EN
[54] **ROBOTIC ARM CAMERA SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE PORTANT SUR UNE CAMERA INSTALLEE SUR UN BRAS ROBOTIQUE**
[72] PAQUIN, VINCENT, CA
[72] LACASSE, MARC-ANTOINE, CA
[72] DROLET-MIHELIC, YAN, CA
[72] MERCIER, JEAN-PHILIPPE, CA
[71] ROBOTIQ INC., CA
[22] 2017-06-16
[41] 2017-11-27

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[13] A1
[51] **Int.Cl. A61B 34/00 (2016.01) G06T 5/00 (2006.01) A61B 5/055 (2006.01) A61B 6/03 (2006.01)**
[25] EN
[54] **COGNITIVE OPTICAL CONTROL SYSTEM AND METHODS**
[54] **SYSTEME ET METHODES DE COMMANDE OPTIQUE COGNITIVE**
[72] WOOD, MICHAEL FRANK GUNTER, CA
[72] KUCHNIO, PIOTR, CA
[72] PIRON, CAMERON ANTHONY, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[22] 2017-09-27
[41] 2017-11-27

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[13] A1
[51] **Int.Cl. B64C 25/06 (2006.01) B64C 25/58 (2006.01) B64C 27/04 (2006.01) F16F 15/02 (2006.01)**
[25] FR
[54] **LANDING GEAR WITH SKATES AND ROTORCRAFT FEATURING SUCH LANDING GEAR**
[54] **TRAIN D'ATTERRISSAGE A PATINS ET GIRAVION MUNI D'UN TEL TRAIN D'ATTERRISSAGE**
[72] PRUD'HOMME LACROIX, PIERRE, FR
[72] BISTUER, OLIVIER, FR
[71] AIRBUS HELICOPTERS, FR
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[41] 2017-11-30
[30] FR (1601719) 2016-12-05

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

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[13] A1
[51] **Int.Cl. F16N 29/00 (2006.01) B60S 5/00 (2006.01)**
[25] EN
[54] **MECHANICAL DEVICE, WORKING VEHICLE, AND DETERIORATION STATE ESTIMATION SYSTEM AND DETERIORATION STATE ESTIMATION METHOD OF MACHINE COMPONENT**
[54] **APPAREIL MECANIQUE, VEHICULE DE TRAVAIL ET SYSTEME D'ESTIMATION DE L'ETAT DE DETERIORATION ET METHODE D'ESTIMATION DE L'ETAT DE DETERIORATION D'UNE COMPOSANTE DE MACHINE**
[72] CHIKUGO, HIROYUKI, JP
[72] HORI, SHUUJI, JP
[72] ONO, MUTSUMI, JP
[72] SAITOU, KIYOTAKA, JP
[72] SANO, SHINYA, JP
[72] UNNO, TAKEAKI, JP
[71] KOMATSU LTD., JP
[85] 2017-03-07
[86] 2016-05-31 (PCT/JP2016/066079)
[87] (2960323)

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[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) B64F 5/40 (2017.01) B60S 5/00 (2006.01)**
[25] EN
[54] **A MODELING TOOL, METHOD AND COMPUTER PROGRAM PRODUCT FOR DYNAMICALLY GENERATING A MAINTENANCE SIMULATION OF A VEHICLE**
[54] **OUTIL DE MODELISATION, PROCEDE ET PRODUIT PROGRAMME D'ORDINATEUR POUR GENERER DE MANIERE DYNAMIQUE UNE SIMULATION DE MAINTENANCE D'UN VEHICULE**
[72] GIGUERE, GHISLAIN, CA
[72] VO, THAI HOA, CA
[72] NEJELSKI, MIKHAIL, CA
[72] CAYER, CLAUDE, CA
[72] HARVEY, ERIC, CA
[71] CAE INC., CA
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[54] **PROCESS AND FACILITY FOR THE TREATMENT OF LIVESTOCK WASTE**
[54] **PROCEDE ET INSTALLATION DE TRAITEMENT DE DECHETS D'ELEVAGE DE BETAIL**
[72] LEVIN, GAL, IL
[71] S.G.T.-SUSTAINABLE GREEN TECHNOLOGIES LTD, IL
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[54] **OPTICAL INTERROGATION AND CONTROL OF DYNAMIC BIOLOGICAL FUNCTIONS**
[54] **INTERROGATION OPTIQUE ET COMMANDE DE FONCTIONS BIOLOGIQUES DYNAMIQUES**
[72] ENTCHEVA, EMILIA, US
[72] BUB, GIL, GB
[71] OXFORD UNIVERSITY INNOVATION LIMITED, GB
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
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[54] **QUANTUM CAPACITANCE SENSING**
[54] **DETECTION DE CAPACITE QUANTIQUE**
[72] DAVIS, JASON, GB
[72] BUENO, PAULO ROBERTO, BR
[71] OXFORD UNIVERSITY INNOVATION LIMITED, GB
[71] UNIVERSIDADE ESTADUAL PAULISTA "JULIO DE MESQUITA FILHO" - UNESP, BR
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[86] 2016-01-26 (PCT/GB2016/050162)
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[54] **O-QUINONE COMPOUNDS AS AGENTS NEUTRALISING NITRIC OXIDE**
[54] **COMPOSES O-QUINONIQUES COMME AGENTS NEUTRALISANT L'OXYDE NITRIQUE**
[72] JEAN, DANIEL, FR
[72] POULIGON, MARYSE, FR
[71] INSTITUT DES SUBSTANCES VEGETALES, FR
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[54] **METHODS FOR PREDICTING ASPHALTENE PRECIPITATION**
[54] **PROCEDES DE PREDICTION DE PRECIPITATION D'ASPHALTENE**
[72] BALASHANMUGAM, SOBAN, US
[72] HAGHSHENAS, MEHDI, US
[72] GONZALEZ, DORIS, US
[72] TOTTON, TIMOTHY, US
[71] BP CORPORATION NORTH AMERICA INC., US
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[54] **SOLID ORAL DOSAGE FORMS**
[54] **FORMES GALENIQUES ORALES SOLIDES**
[72] VRETTOS, JOHN, US
[72] DAGGS, THOMAS, US
[72] SHIELDS, PAUL, US
[72] CLAUDIO, RAYMUNDO, US
[71] ENTERIS BIOPHARMA, INC., US
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[54] **CHIMERIC PROTEIN**
[54] **PROTEINE CHIMERIQUE**
[72] PULE, MARTIN, GB
[72] TROWBRIDGE, RYAN, GB
[72] HODGKIN, EDWARD, GB
[71] UCL BUSINESS PLC, GB
[85] 2017-07-05
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[54] **COMBINATION THERAPY FOR PULMONARY HYPERTENSION**
[54] **TRAITEMENT COMBINE POUR L'HYPERTENSION PULMONAIRE**
[72] GU, LEO, US
[72] NAKAGAKI, PAUL C., US
[72] BANAIT, NARINDER S., US
[71] VIVUS, INC., US
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[54] **BIOMARKERS RELATED TO KIDNEY FUNCTION AND METHODS INVOLVING THEIR USE**
[54] **BIOMARQUEURS LIES A LA FONCTION RENALE ET PROCEDES COMPRENANT LEUR UTILISATION**
[72] DEVONALD, MARK, GB
[72] GARDNER, DAVID, GB
[71] NOTTINGHAM UNIVERSITY HOSPITALS NHS TRUST, GB
[71] THE UNIVERSITY OF NOTTINGHAM, GB
[85] 2017-07-06
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[54] **BICYCLIC COMPOUNDS, COMPOSITIONS AND MEDICINAL APPLICATIONS THEREOF**
[54] **COMPOSES BICYCLIQUES, COMPOSITIONS ET APPLICATIONS MEDICINALES DE CEUX-CI**
[72] MUKHOPADHYAY, PARTHA, IN
[72] MUNOT, YOGESH, IN
[72] SHAIKH, NADIM, IN
[72] KULKARNI, BHEEMASHANKAR A., IN
[72] MOOKHTIAR, KASIM, IN
[71] ADVINUS THERAPEUTICS LIMITED, IN
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[54] **METHODS AND SYSTEMS FOR MEASURING SEROTONIN IN A SAMPLE**
[54] **PROCEDES ET SYSTEMES DE MESURE DE LA SEROTONINE DANS UN ECHANTILLON**
[72] CRAWFORD, MATTHEW LEE FRANCIS, US
[72] WRIGHT, YVONNE ZAMORANO, US
[72] GRANT, RUSSELL PHILIP, US
[71] LABORATORY CORPORATION OF AMERICA HOLDINGS, US
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[54] **INTEGRATED COKE PLANT AUTOMATION AND OPTIMIZATION USING ADVANCED CONTROL AND OPTIMIZATION TECHNIQUES**
[54] **AUTOMATISATION ET OPTIMISATION INTEGREES D'UNE USINE DE FABRICATION DE COKE EN UTILISANT DES TECHNIQUES DE POINTE EN TERMES DE CONTROLE ET D'OPTIMISATION**
[72] QUANCI, JOHN FRANCIS, US
[72] KESAVAN, PARTHASARATHY, US
[72] ZIEGLER, JACK, US
[72] RUSSELL, KATIE, US
[72] MUHLBAIER, MIKE, US
[72] KHANNA, RAKSHAK, US
[72] EVATT, SHARLA, US
[72] CHUN, PETER, US
[72] KAPLEREVIC, MILOS, US
[71] SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC, US
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[54] **LINGO-1 ANTAGONISTS AND USES FOR TREATMENT OF DEMYELINATING DISORDERS**
[54] **ANTAGONISTES DE LINGO-1 ET LEURS UTILISATIONS POUR LE TRAITEMENT DE TROUBLES DE DEMYELINISATION**
[72] CADAVID, DIEGO, US
[72] MI, SHA, US
[71] BIOGEN MA INC., US
[85] 2017-07-06
[86] 2016-01-08 (PCT/US2016/012619)
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[54] **BACTERIA-COMPRISING COMPOSITIONS AND METHODS OF USING THE SAME FOR TREATING AND/OR PREVENTING GASTROINTESTINAL, METABOLIC AND/OR OTHER DISEASES**
[54] **COMPOSITIONS COMPRENANT DES BACTERIES ET PROCEDES D'UTILISATION DE CELLES-CI POUR LE TRAITEMENT ET/OU LA PREVENTION DE MALADIES GASTRO-INTESTINALES, METABOLIQUES ET/OU AUTRES**
[72] DE VOS, WILLEM MEINDERT, NL
[72] BUI, THI PHUONG NAM, NL
[71] WAGENINGEN UNIVERSITEIT, NL
[85] 2017-07-07
[86] 2016-01-08 (PCT/EP2016/050310)
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[72] ALEXAKIS, ANTONIS, DE
[71] ALEXAKIS, ANTONIS, DE
[85] 2017-07-07
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF INDANAMINE DERIVATIVES AND NEW SYNTHESIS INTERMEDIATES**
[54] **PROCEDE DE PREPARATION DE DERIVES D'INDANAMINE ET DE NOUVEAUX INTERMEDIAIRES DE SYNTHESE**
[72] BERTOLINI, GIORGIO, IT
[72] CEREA, PAOLANGELO, IT
[72] COLLI, CORRADO, IT
[72] FELICIANI, LAZZARO, IT
[72] GASSA, FEDERICO, IT
[72] BIANCHI, ALDO, IT
[72] COLOMBO, FEDERICA, IT
[72] MAIORANA, STEFANO, IT
[72] NISIC, FILIPPO, IT
[71] OLON S.P.A., IT
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[54] **METHODS OF TREATING AND PROGNOSING NONHEMATOPOIETIC MALIGNANT TUMORS**
[54] **METHODES DE TRAITEMENT ET DE PRONOSTIC DE TUMEURS MALIGNES NON HEMATOPOIETIQUES**
[72] NORTON, LARRY, US
[72] LEVINE, ROSS, US
[72] KLEPPE, MARIA, US
[72] COMEN, ELIZABETH, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
[85] 2017-07-07
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[54] **BENZODIAZEPINE DIMERS, CONJUGATES THEREOF, AND METHODS OF MAKING AND USING**
[54] **DIMERES DE BENZODIAZEPINE, CONJUGUES DE CEUX-CI, ET PROCEDES DE FABRICATION ET D'UTILISATION**
[72] ZHANG, YONG, US
[72] MCDONALD, IVAR M., US
[72] CHOWDARI, NAIDU S., US
[72] HUYNH, TRAM N., US
[72] BORZILLERI, ROBERT M., US
[72] GANGWAR, SANJEEV, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[54] **HETEROARYLENE-BRIDGED BENZODIAZEPINE DIMERS, CONJUGATES THEREOF, AND METHODS OF MAKING AND USING**
[54] **DIMERES DE BENZODIAZEPINES A PONTS HETEROARYLENE, LEURS CONJUGUES, ET PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] MCDONALD, IVAR M., US
[72] CHOWDARI, NAIDU S., US
[72] JOHNSON, WALTER LEWIS, US
[72] ZHANG, YONG, US
[72] BORZILLERI, ROBERT M., US
[72] GANGWAR, SANJEEV, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[54] **JOINT FAT PAD FORMULATIONS, AND METHODS OF USE THEREOF**
[54] **FORMULATIONS POUR COUSSINET ADIPEUX ARTICULAIRE, ET PROCEDES D'UTILISATION DE CELLES-CI**
[72] JIANG, GUANG-LIANG, US
[72] TURKEL, CATHERINE C., US
[72] STERN, MICHAEL, US
[72] SCHAUMBURG, CHRISTOPHER S., US
[72] BLANDA, WENDY, US
[71] ALLERGAN, INC., US
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[25] EN
[54] **MODULATORS OF THE FUNCTION OF THE CORE DOMAIN OF ANNEXINS, AND USES THEREOF IN AUTOIMMUNE AND/OR CANCER THERAPY**
[54] **MODULATEURS DE LA FONCTION DU DOMAINE CORE DES ANNEXINES ET UTILISATIONS ASSOCIEES DANS LE TRAITEMENT DES MALADIES AUTO-IMMUNES OU DU CANCER**
[72] KRAMMER, PETER H., DE
[72] KURZ, ALEXANDRA, DE
[72] LINKE, BJORN, DE
[72] WEYD, HEIKO, DE
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES OFFENTILICHEN RECHTS, DE
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[54] **QUALITY CONTROL OF AUTOMATED WHOLE-SLIDE ANALYSIS**
[54] **CONTROLE DE QUALITE D'UNE ANALYSE AUTOMATISEE DE DIAPOSITIVES ENTIERES**
[72] BREDNO, JOERG, US
[72] HELLER, ASTRID, DE
[72] HOELZLWIMMER, GABRIELE, DE
[71] VENTANA MEDICAL SYSTEMS, INC., US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2017-07-10
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[54] **ARGINASE INHIBITORS AND THEIR THERAPEUTIC APPLICATIONS**
[54] **INHIBITEURS D'ARGINASE ET LEURS APPLICATIONS THERAPEUTIQUES**
[72] BLASZCZYK, ROMAN, PL
[72] BRZEZINSKA, JOANNA, PL
[72] GOLEBIOWSKI, ADAM A., US
[72] OLCZAK, JACEK, PL
[71] ONCOARENDI THERAPEUTICS S.A., PL
[85] 2017-06-29
[86] 2015-12-22 (PCT/PL2015/050073)
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[54] **COMPOUNDS, COMPOSITIONS AND METHODS FOR INCREASING CFTR ACTIVITY**
[54] **COMPOSES, COMPOSITIONS ET METHODES POUR AUGMENTER L'ACTIVITE DU CFTR**
[72] BASTOS, CECILIA M., US
[72] MUNOZ, BENITO, US
[72] TAIT, BRADLEY, US
[71] PROTEOSTASIS THERAPEUTICS, INC., US
[85] 2017-07-10
[86] 2016-01-12 (PCT/US2016/012982)
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[30] US (62/102,344) 2015-01-12

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[54] **FUROQUINOLINEDIONES AS INHIBITORS OF TDP2**
[54] **FUROQUINOLINEDIONES SERVANT D'INHIBITEURS DE TDP2**
[72] AN, LINKUN, CN
[72] MARCHAND, CHRISTOPHE, US
[72] POMMIER, YVES, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[71] AN, LINKUN, CN
[85] 2017-07-10
[86] 2016-01-08 (PCT/US2016/012672)
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[54] **ANTIBODY-UREASE CONJUGATES FOR THERAPEUTIC PURPOSES**
[54] **CONJUGUES ANTICORPS-UREASE POUR DES FINS THERAPEUTIQUES**
[72] CHAO, HEMAN, CA
[72] WONG, WAH YAU, CA
[72] TIAN, BAOMIN, CA
[72] GASPAR, KIMBERLY JAYNE, CA
[72] KUMAR, PRAVEEN, CA
[71] HELIX BIOPHARMA CORPORATION, CA
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[54] **PROCEDE DE PRODUCTION DE DERIVES D'IMIDAZOLES CONDENSES**
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[72] SCHILLING, HANSPETER, CH
[71] NOVARTIS AG, CH
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[54] **SPECTRAL INTENSITY RATIO (SIR) ANALYSIS FOR RAPID LIVE MICROBIAL ENUMERATION**
[54] **ANALYSE DE RAPPORT D'INTENSITE SPECTRALE (SIR) POUR ENUMERATION RAPIDE DE MICROBES VIVANTS**
[72] ZAHAVY, ERAN, IL
[71] TACOUNT EXACT LTD., IL
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[54] **PROCESS FOR PREPARING ETHYLENE GLYCOL FROM A CARBOHYDRATE SOURCE**
[54] **PROCEDE DE PREPARATION D'ETHYLENE GLYCOL A PARTIR D'UNE SOURCE DE GLUCIDES**
[72] VAN DER WAAL, JAN CORNELIS, NL
[72] GRUTER, GERARDUS JOHANNES MARIA, NL
[72] CLAASSENS-DEKKER, PAULA, NL
[71] AVANTIUM KNOWLEDGE CENTRE B.V., NL
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[54] **GLYCAN THERAPEUTICS AND RELATED METHODS THEREOF**
[54] **COMPOSITIONS THERAPEUTIQUES DE GYLCANE ET PROCEDES ASSOCIES**
[72] VON MALTZAHN, GEOFFREY A., US
[72] SILVERMAN, JARED A., US
[72] YAMANAKA, YVONNE J., US
[72] MILWID, JACK, US
[72] GEREMIA, JOHN M., US
[71] KALEIDO BIOSCIENCES, INC., US
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[54] **USE OF 1,25-DIHYDROXYVITAMIN D VALUES IN RATIO WITH PTH AS A PROGNOSTIC BIOMARKER**
[54] **UTILISATION DE VALEURS 1,25-DIHYDROXYVITAMINE D DANS UN RAPPORT AVEC LA PTH EN TANT QUE BIOMARQUEUR PRONOSTIQUE**
[72] COLOTTA, FRANCESCO, IT
[72] BONELLI, FABRIZIO, IT
[72] BLOCKI, FRANK, US
[72] ZIEROLD, CLAUDIA, US
[71] DIASORIN S.P.A., IT
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[25] EN
[54] **SYNTHESIS OF CARBAMATE OR UREA COMPOUNDS**
[54] **SYNTHESE DE COMPOSES CARBAMATE OU UREE**
[72] VAN DER HEIJDEN, ANTONIUS EDUARD DOMINICUS MARIA, NL
[72] VAN GEEST, ERIK, NL
[72] VAN DEN ELSHOUT, JOS JOHAN MATTHIJS HUGO, NL
[71] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL
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[54] **METHOD OF TREATING SPINAL DISK**
[54] **PROCEDE DE TRAITEMENT DE DISQUE VERTEBRAL**
[72] YOUNG, STUART, US
[72] ALLEYNE, NEVILLE, US
[72] MANESIS, NICHOLAS JOHN, US
[71] SPINEOVATIONS, INC., US
[85] 2017-07-12
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[54] **SOIL QUALITY MEASUREMENT DEVICE**
[54] **DISPOSITIF DE MESURE DE LA QUALITE DU SOL**
[72] KOSHNICK, NICK, US
[72] BAURER, PHIL, US
[72] CHIOCCO, GREG, US
[71] THE CLIMATE CORPORATION, US
[85] 2017-07-12
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[54] **DENTAL COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DENTAIRES ET PROCEDES D'UTILISATION**
[72] CHEN, XIANGXU, US
[72] DURBAN, MATTHEW MARC, US
[71] ZEST IP HOLDINGS, LLC, US
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[86] 2016-02-05 (PCT/US2016/016901)
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[54] **IMPLANTATION D'EMBRYONS**
[72] GOPICHANDRAN, NADIA, GB
[72] ORSI, NICOLAS MICHEL, GB
[72] BROOKE, DAVID ANDREW, GB
[71] OSTARA BIOMEDICAL LTD, GB
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[54] **DETERMINATION DE LA RESISTANCE THERMIQUE D'UNE PAROI**
[72] ALZETTO, FLORENT, FR
[72] MEULEMANS, JOHANN, FR
[72] PANDRAUD, GUILLAUME, FR
[71] SAINT-GOBAIN ISOVER, FR
[85] 2017-07-13
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[54] **METHOD OF THERMOLYZING BIOMASS IN PRESENCE OF HYDROGEN SULFIDE**
[54] **PROCEDE DE THERMOLYSE DE BIOMASSE EN PRESENCE DE SULFURE D'HYDROGENE**
[72] BAUER, LORENZ J., US
[72] LOESCHER, MITCH, US
[71] INAERIS TECHNOLOGIES, LLC, US
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[54] **ANTHELMINTIC COMPOUNDS, COMPOSITIONS AND METHOD OF USING THEREOF**
[54] **COMPOSES ANTHELMINTIQUES, COMPOSITIONS ET LEUR PROCEDE D'UTILISATION**
[72] LONG, ALAN, US
[72] WILKINSON, DOUGLAS EDWARD, US
[71] MERIAL INC., US
[85] 2017-07-13
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[54] **METHOD AND APPARATUS FOR CLASSIFYING A SEED AS INBRED OR HYBRID**
[54] **PROCEDE ET APPAREIL SERVANT A CLASSER UNE SEMENCE EN TANT QU'AUTOGAME OU HYBRIDE**
[72] BARYCHEV, ANDREI MIKHAILOVITCH, NL
[72] BELITSKAYA, ALENA VLADIMIROVNA, NL
[72] KHUDCHENKO, ANDREY VYACHESLAVOVICH, NL
[72] DE GROOT, CORNELIA CATHARINA, NL
[71] STICHTING SRON NETHERLANDS INSTITUTE FOR SPACE RESEARCH, NL
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[54] **METHOD FOR PRODUCING A COMPLEX OF BIOLOGICALLY ACTIVE SUBSTANCES EXHIBITING HYPOGLYCEMIC ACTIVITY**
[54] **PROCEDE DE PRODUCTION D'UN COMPLEXE DE SUBSTANCES BIOLOGIQUEMENT ACTIVES PRESENTANT UNE ACTIVITE HYPOGLYCEMIANTE**
[72] KUTSANYAN, AKOP SURIKOVYCH, UA
[72] LYTVYNENKO, VASYL IVANOVYCH, UA
[71] KUTSANYAN, AKOP SURIKOVYCH, UA
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[54] **FATTY ACID COMPOSITION**
[54] **COMPOSITION D'ACIDE GRAS**
[72] LINDQVIST, PETRI, FI
[72] LEHTIMAA, TUULA, FI
[72] SIPPOLA, VAINO, FI
[72] LEHTINEN, OLLI-PEKKA, FI
[72] FAAIJ, GERARD, NL
[71] NESTE OYJ, FI
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[25] EN
[54] **MATRIX METALLOPROTEASE-CLEAVABLE AND SERINE PROTEASE CLEAVABLE SUBSTRATES AND METHODS OF USE THEREOF**
[54] **SUBSTRATS CLIVABLES PAR METALLOPROTEASE MATRICIELLE ET CLIVABLES PAR SERINE PROTEASE ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] MOORE, STEPHEN JAMES, US
[72] NGUYEN, MARGARET THY LUU, US
[72] HOSTETTER, DANIEL R., US
[72] VASILJEVA, OLGA, US
[72] SAGERT, JASON GARY, US
[72] TERRETT, JONATHAN ALEXANDER, US
[72] WEST, JAMES WILLIAM, US
[71] CYTOMX THERAPEUTICS, INC., US
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[54] **INDUCED EXPRESSION OF BRAIN DERIVED NEUROTROPHIC FACTOR (BDNF) FOR TREATMENT OF NEUROMUSCULAR, NEURODEGENERATIVE, AUTOIMMUNE, DEVELOPMENTAL AND/OR METABOLIC DISEASES**
[54] **EXPRESSION INDUITE DU FACTEUR NEUROTROPHIQUE DERIVE DU CERVEAU (BDNF) POUR LE TRAITEMENT DE MALADIES NEUROMUSCULAIRES, NEURODEGENERATIVES, AUTO-IMMUNES, LIEES AU DEVELOPPEMENT ET/OU METABOLIQUES**
[72] ALONSO, ROBERT, US
[72] GEISLER, JOHN GERARD, US
[71] MITOCHON PHARMACEUTICALS, INC., US
[85] 2017-07-14
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[54] **DRY POWDER INHALER COMPRISING FLUTICASONE PROPIONATE AND SALMETEROL XINAFOAT**
[54] **INHALATEUR DE POUDRE SECHE COMPRENANT DU PROPIONATE DE FLUTICASONE ET DU XINAFOATE DE SALMETEROL**
[72] DALVI, MUKUL, US
[72] TEE, SEAH KEE, US
[71] TEVA BRANDED PHARMACEUTICAL PRODUCTS R&D, INC., US
[85] 2017-07-17
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[54] **NON-IMMUNOGENIC SINGLE DOMAIN ANTIBODIES**
[54] **ANTICORPS A DOMAINE UNIQUE NON-IMMUNOGENES**
[72] ECKELMAN, BRENDAN P., US
[72] TIMMER, JOHN C., US
[72] DEVERAUX, QUINN, US
[71] INHIBRX BIOPHARMA LLC, US
[85] 2017-07-18
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[54] **VERSATILE TOPICAL DRUG DELIVERY VEHICLE AND MULTIFACTORIAL TISSUE MOISTURIZER THAT PROVIDES MUCOSAL AND SKIN BARRIER RESTORATION**
[54] **VEHICULE D'ADMINISTRATION DE MEDICAMENT TOPIQUE POLYVALENT ET HYDRATANT TISSULAIRE MULTIFACTORIEL QUI PERMET LA RESTAURATION DE LA BARRIERE MUQUEUSE ET CUTANEE**
[72] SKOLD, THOMAS, SE
[72] LEVIS, GEORGIA, US
[72] BURNS, MICHAEL J., US
[71] TETRADERM GROUP LLC, US
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[54] **LEVODOPA AND CARBIDOPA INTESTINAL GEL AND METHODS OF USE**
[54] **GEL INTESTINAL DE LEVODOPA ET DE CARBIDONA ET PROCEDES D'UTILISATION**
[72] CONJEEVARAM, RAJKUMAR, US
[72] DEAC, ALEXANDRU, US
[72] HUANG, YE, US
[72] MACKEY, SEAN E., US
[72] MENGES, RANDY A., US
[72] ZIMMERMAN, JAYNE B., US
[71] ABBVIE INC., US
[85] 2017-07-18
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[54] **AUTOTAXIN INHIBITORY COMPOUNDS**
[54] **COMPOSES INHIBITEURS DE L'AUTOTAXINE**
[72] STOCKLEY, MARTIN LEE, GB
[72] MACDONALD, ELLEN CATHERINE, GB
[72] SHAH, PRITOM, GB
[72] JORDAN, ALLAN, GB
[72] HITCHIN, JAMES, GB
[72] HAMILTON, NIALL, GB
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
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[25] EN
[54] **PET IMAGING AGENTS**
[54] **AGENTS POUR L'IMAGERIE PET**
[72] AUBERSON, YVES, CH
[72] BRIARD, EMMANUELLE, CH
[72] OBERHAUSER, BERNDT, CH
[72] LEGRAND, DARREN, GB
[71] NOVARTIS AG, CH
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[25] EN
[54] **MULTIPHASIC PARTICLES FABRICATED BY WETTABILITY ENGENDERED TEMPLATED SELF-ASSEMBLY (WETS) METHODS**
[54] **PARTICULES MULTIPHASIQUES FABRIQUEES PAR DES PROCEDES D'AUTO-ASSEMBLAGE SUR MATRICE ENGENDRE PAR LA MOUILLABILITE (WETS)**
[72] TUTEJA, ANISH, US
[72] KOBAKU, SAI PRADEEP REDDY, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2017-07-19
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[25] EN
[54] **COMPOSITION FOR CLEANING GASOLINE ENGINE FUEL DELIVERY SYSTEMS, AIR INTAKE SYSTEMS, AND COMBUSTION CHAMBERS**
[54] **COMPOSITION POUR LE NETTOYAGE DE SYSTEMES DE DISTRIBUTION DE CARBURANT D'UN MOTEUR ESSENCE, SYSTEMES D'ADMISSION D'AIR ET CHAMBRES DE COMBUSTION**
[72] BARTLEY, STUART L., US
[72] WEYENBERG, THOMAS R., US
[72] NICHOLLS, MICHAEL D., US
[72] PARKER, GARRETT, US
[71] THE LUBRIZOL CORPORATION, US
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[25] EN
[54] **4-METHYLSULFONYL-SUBSTITUTED PIPERIDINE UREA COMPOUNDS FOR THE TREATMENT OF DILATED CARDIOMYOPATHY (DCM)**
[54] **COMPOSES PIPERIDINE/UREE SUBSTITUES PAR UN GROUPEMENT 4-METHYLSULFONYLE, DESTINES AU TRAITEMENT DE LA CARDIOMYOPATHIE DILATEE (CMD)**
[72] OSLOB, JOHAN, US
[72] AUBELE, DANIELLE, US
[72] KIM, JAE, US
[72] MCDOWELL, ROBERT, US
[72] SONG, YONGHONG, US
[72] SRAN, ARVINDER, US
[72] ZHONG, MIN, US
[71] MYOKARDIA, INC., US
[85] 2017-07-19
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[72] RUPPEL, MANFRED, DE
[72] MUSLERA, EVA ALONSO, DE
[72] SORAKER, PAL, NO
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[54] **PROCEDES, COMPOSITIONS ET SYSTEMES PERMETTANT L'ADMINISTRATION D'AGENTS THERAPEUTIQUES ET DIAGNOSTIQUES DANS DES CELLULES**
[72] PRIEVE, MARY G., US
[72] HOUSTON, MICHAEL E., JR., US
[72] HARVIE, PIERROT, US
[72] MONAHAN, SEAN D., US
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[54] **COMPOSES CHIMERIQUES RAMIFIES ET LINEAIRES, POLYNUCLEOTIDES, UTILISATIONS ET PROCEDES DE CEUX-CI**
[72] OTT, GARY S., US
[72] MILLEY, ROBERT J., US
[72] COFFMAN, ROBERT L., US
[72] KIWAN, RADWAN, US
[72] KANZLER, HOLGER, US
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[54] **[9,10-DIMETHOXY-3-(2-METHYLPROPYL)-1H,2H,3H,4H,6H,7H,11BH-PYRIDO-[2,1-A]ISOQUINELOIN-2-YL]METHANOL ET COMPOSES, COMPOSITIONS ET PROCEDES ASSOCIES**
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[72] HARRIOTT, NICOLE, US
[71] NEUROCRINE BIOSCIENCES, INC., US
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[72] CAMACHO GOMEZ, JUAN, ES
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[54] **SEL D'UN COMPOSE PYRIMIDO[6,1-A]ISOQUINOLEIN-4-ONE**
[72] SPARGO, PETER LIONEL, GB
[72] FRENCH, EDWARD JAMES, GB
[72] NORTHEN, JULIAN SCOTT, GB
[72] MYKYTIUK, JOHN, GB
[71] VERONA PHARMA PLC, GB
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[72] SHAH, MAHENDRA G., US
[71] SEMNUR PHARMACEUTICALS, INC., US
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[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE LA TOXOPLASMOSE, DE LA CRYPTOSPORIDIOSE ET D'AUTRES MALADIES ASSOCIEES A UN PROTOZOAIRE APICOMPLEXE**
[72] HOL, WILHELMUS G.J., US
[72] LARSON, ERIC T., US
[72] MALY, DUSTIN JAMES, US
[72] VAN VOORHIS, WESLEY C., US
[72] MERRITT, ETHAN, US
[72] OJO, KAYODE K., US
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[54] **ENONES TRICYCLIQUES D'IMIDAZOLYLE COMME MODULATEURS ANTIOXYDANTS DE L'INFLAMMATION**
[72] JIANG, XIN, US
[72] CAPRATHE, BRADLEY WILLIAM, US
[72] LEE, CHITASE, US
[72] BOLTON, GARY, US
[72] BENDER, CHRISTOPHER F., US
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[54] **(2S,4R)-5-(5'-CHLORO-2'-FLUOROBIPHENYL-4-YL)-4-(ETHOXYOXALYLAMINO)-2-HYDROXYMETHYL-2-METHYLPENTANOIC ACID AS NEPRILYSIN INHIBITOR**
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[72] FENSTER, ERIK, US
[72] FLEURY, MELISSA, US
[72] BEAUSOLEIL, ANNE-MARIE, US
[72] THALLADI, VENKAT R., US
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[54] **PROCEDE DE COMMANDE D'UN GENERATEUR SYNCHRONE D'UNE EOLIENNE A ENTRAINEMENT DIRECT**
[72] ENGELKEN, SONKE, DE
[72] STRAFIEL, CHRISTIAN, DE
[72] GIENGIEL, WOJCIECH, DE
[72] GERTJEGERDES, STEFAN, DE
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[72] SAPORITA, VINCENT JOHN, US
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[72] HAWES, NATHANIEL BENEDICT, US
[71] GENERAL ELECTRIC COMPANY, US
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[72] PRADHAN, ANSHU A., US
[72] KAILASAM, SRIDHAR, US
[72] FRIEDMAN, ROBIN, US
[72] JACK, GORDON, US
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[54] **APPAREIL, SYSTEME ET PROCEDE PERMETTANT D'EMPECHER LE FONCTIONNEMENT DE DISPOSITIFS MOBILES A L'INTERIEUR D'UNE ZONE**
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[72] LACOLLE, MATTHIEU, NO
[71] SINTEF TTO AS, NO
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[71] LANDIS+GYR INNOVATIONS, INC., US
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[72] LOTTER, MICHIEL PETRUS, US
[72] COOK, JASON FOSTER, US
[72] FORTIER, RICHARD JACQUES, US
[72] KIM, IN KWANG, US
[72] RIPHAGEN, IAN, US
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[72] WANG, MENG, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[72] CHEN, WANSHI, US
[72] XU, HAO, US
[72] FAKOORIAN, SEYED ALI AKBAR, US
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[72] THOMAS, SHARYN, GB
[72] WILLCOX, BEN, GB
[72] MOHAMMED, FIYAZ, GB
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[54] **PROCEDE ET SYSTEME DE TRAITEMENT ANAEROBIE D'EAUX USEES CHARGEES ORGANIQUEMENT**
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[72] MENKVELD, HENDRIK WILLEM HERMAN, NL
[72] HOLTERMAN, MENNO-MARTIJN, NL
[72] RUITENBERG, ANTONIE, NL
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[72] MATHUR, SHARAD, US
[72] ARENS, KARIN, US
[71] BASF CORPORATION, US
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[54] **PROCEDES ET COMPOSITIONS PERMETTANT DE MODIFIER L'ADN GENOMIQUE**
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[72] PESHWA, MADHUSUDAN, US
[71] MAXCYTE, INC., US
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[54] **METHODS OF INCREASING STRENGTH AND FUNCTIONALITY WITH GDF8 INHIBITORS**
[54] **METHODE POUR AUGMENTER LA RESISTANCE ET LA FONCTIONNALITE AVEC DES INHIBITEURS DE GDF-8**
[72] PORDY, ROBERT C., US
[72] QIAN, XIAOBING, US
[72] DONAHUE, STEPHEN, US
[71] REGENERON PHARMACEUTICALS, INC., US
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[54] **PROCEDES ET SYSTEMES POUR LA MISE EN OEUVRE D'UNE PLATE-FORME DE COMMUNICATION EN LIGNE POUR UNE COMMUNAUTE DE PERSONNES CIBLEE**
[72] BUREAU, CHRISTOPHE, FR
[71] STEVANATO GROUP S.P.A., IT
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[54] **PROMOTEUR DE PLANTE POUR L'EXPRESSION D'UN TRANSGENE**
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[72] HEMINGWAY, DAREN, US
[72] AUSMUS, CARLA, US
[72] WORDEN, ANDREW F., US
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[54] **COLLECTEUR DE CASSETTE CHIRURGICALE, SYSTEME ET PROCEDES ASSOCIES**
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[72] GERG, JAMES B., US
[71] ABBOTT MEDICAL OPTICS INC., US
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[54] **REVETEMENTS ET ADDITIFS CONTENANT DES ACIDES GRAS, DES SELS D'ACIDES GRAS OU DES COMPOSES SIMILAIRES, DESTINES A ETRE UTILISES COMME AGENTS DEPOUSSIERANTS ET/OU ANTIAGGLOMERANTS POUR PRODUITS GRANULAIRES**
[72] HANCOCK, JARID, US
[72] ADAMS, RUSS, US
[72] RINAS, KIMBERLY, US
[72] SCHULTZ, MURRAY, US
[72] LASCHILIER, CRYSTAL, US
[72] JOHNSON, MICHELLE, US
[72] JACOBSON, KATHLENE LAURIE, US
[72] FUCHS, DAWNE, US
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[54] **METHODS FOR IMPROVING THE EFFICACY AND EXPANSION OF CHIMERIC ANTIGEN RECEPTOR-EXPRESSING CELLS**
[54] **PROCEDES POUR AMELIORER L'EFFICACITE ET L'EXPANSION DE CELLULES EXPRIMANT UN RECEPTEUR ANTIGENIQUE CHIMERIQUE**
[72] BARRETT, DAVID MAXWELL, US
[72] BEDOYA, FELIPE, US
[72] GHASSEMI, SABA, US
[72] JUNE, CARL H., US
[72] LEVINE, BRUCE L., US
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[54] **CONTROLE DE REDONDANCE CYCLIQUE POUR INFORMATIONS DE COMMANDE DE LIAISON MONTANTE SUR CANAUX DE COMMANDE ET DE DONNEES**
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[72] GAAL, PETER, US
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[54] **PROCEDE DE PREPARATION D'UN TAMIS MOLECULAIRE**
[72] LAI, WENYIH F., US
[72] ROLLMAN, NICHOLAS S., US
[72] CAO, GUANG, US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
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[54] **TECHNIQUES DE REGLAGE DE LA FENETRE D'EVALUATION DE CANAL LIBRE (CCA) POUR DES TRANSMISSIONS DANS UNE BANDE DE SPECTRE DE FREQUENCES RADIO PARTAGEES**
[72] YERRAMALLI, SRINIVAS, US
[72] LUO, TAO, US
[72] DAMNJANOVIC, ALEKSANDAR, US
[72] GAAL, PETER, US
[72] SUKHAVASI, RAVI TEJA, US
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[54] **COMPOSITION AND METHODS TO CONTROL THE OUTGROWTH OF PATHOGENS AND SPOILAGE MICROORGANISMS IN HIGH MOISTURE AND LOW SODIUM SYSTEMS**
[54] **COMPOSITION ET PROCEDES POUR LUTTER CONTRE LA CROISSANCE DE PATHOGENES ET DE MICRO-ORGANISMES DE DECOMPOSITION DANS DES SYSTEMES A HAUTE HUMIDITE ET A FAIBLE TENEUR EN SODIUM**
[72] PERUMALLA, AMARA VENKATA SUNIL, US
[72] SHEEHAN, VIVIEN, US
[72] COOPER, RENETTA, US
[72] JONES, BETH, US
[71] KERRY LUXEMBOURG S.A.R.L., LU
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[54] **TRAITEMENT DE L'EAU A L'AIDE DE MAGNESITE CRYPTOCRISTALLINE**
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[72] GITARI, WILSON MUGERA, ZA
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[54] **PROCEDE MULTIPLEXE D'IDENTIFICATION ET DE QUANTIFICATION D'ALLELES MINEURS ET DE POLYMORPHISMES**
[72] NYGREN, ANDERS OLOF HERMAN, US
[71] AGENA BIOSCIENCE, INC., US
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[54] **MULTIPLEX METHODS FOR DETECTION AND QUANTIFICATION OF MINOR VARIANTS**
[54] **PROCEDES MULTIPLEXES PERMETTANT LA DETECTION ET LA QUANTIFICATION DE VARIANTS MINEURS**
[72] NYGREN, ANDERS OLOF HERMAN, US
[71] AGENA BIOSCIENCE, INC., US
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[72] WENSEL, DAVID L., US
[72] DAVIS, JONATHAN, US
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[54] **MEDICAL IMPLANT DELIVERY SYSTEM AND RELATED METHODS**
[54] **SYSTEME DE MISE EN PLACE D'IMPLANT MEDICAL ET PROCEDES ASSOCIES**
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[72] TRAN, NATHANIEL, US
[71] ROTATION MEDICAL, INC., US
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[54] **METHOD AND DEVICE FOR DELAYING RIGOR MORTIS IN FISH**
[54] **PROCEDE ET DISPOSITIF POUR RETARDER LA RIGIDITE CADAVERIQUE CHEZ LES POISSONS**
[72] ARNASON, INGOLFUR, IS
[71] SKAGINN HF., IS
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[54] **DISPOSITIF DE PELAGE AUTOMATIQUE**
[72] BERGMAN, MATTHEW A., US
[72] CATE, STEPHEN H., US
[72] GROSS, JOSEPH A., US
[72] HART, COLIN R., US
[72] JOHNSON, WILLIAM A., US
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[54] **PROCEDE DE REGROUPEMENT DE PRELEVEMENTS SANGUINS**
[72] LINNEN, JEFFREY M., US
[72] CHELLISERRY, JIJUMON, US
[71] GEN-PROBE INCORPORATED, US
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[54] **PROTECTION RUMINALE DE LIPIDES, MATIERES CONTENANT DES LIPIDES, ET ALIMENTS BIOACTIFS**
[72] DAY, RUSSELL W., US
[71] DAY, RUSSELL W., US
[85] 2017-10-19
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[54] **METHOD OF MAKING A MERCURY BASED COMPOUND, MERCURY BASED COMPOUND, METHODS OF USING THE MERCURY BASED COMPOUND AND USES OF THE MERCURY BASED COMPOUND**
[54] **PROCEDE DE FABRICATION D'UN COMPOSE A BASE DE MERCURE, COMPOSE A BASE DE MERCURE, PROCEDES D'UTILISATION DU COMPOSE A BASE DE MERCURE ET UTILISATION DU COMPOSE A BASE DE MERCURE**
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[54] **SYSTEME ET PROCEDE DE DETERMINATION D'INFORMATIONS DE NAVIGATION POUR UN VEHICULE AUTONOME**
[72] OBA, EIJI, JP
[71] SONY CORPORATION, JP
[85] 2017-10-20
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[54] **DETECTION DE FACTEURS DE VIRULENCE MICROBIENNE ORALE**
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[72] XIE, SANCAI, US
[72] CIRCELLO, BENJAMIN THOMAS, US
[72] TANSKY, CHERYL SUE, US
[72] KLUKOWSKA, MALGORZATA, US
[72] HUGGINS, THOMAS GLENN, US
[72] KHAMBE, DEEPA ASHOK, US
[72] WHITE, DONALD JAMES, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **POLYNUCLEOTIDES ET PROCEDES POUR TRANSFERER LA RESISTANCE A LA ROUILLE ASIATIQUE DU SOJA**
[72] RAIRDAN, GREG, US
[72] BROGLIE, KAREN, US
[72] RAUSCHER, GILDA, US
[72] VAN ESSE, PETER, GB
[72] JONES, JONATHAN D. G., GB
[72] KAWASHIMA, CINTIA G., GB
[72] BROMMONSCHENKEL, SERGIO HERMINIO, BR
[71] UNIVERSIDADE FEDERAL DE VICOSA, BR
[71] TWO BLADES FOUNDATION, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[51] **Int.Cl. H04B 7/04 (2017.01) H04B 7/06 (2006.01)**
[25] EN
[54] **TECHNIQUE FOR FULL-DUPLEX TRANSMISSION IN MANY-ANTENNA MU-MIMO SYSTEMS**
[54] **TECHNIQUE POUR LA TRANSMISSION BIRECTIONNELLE SIMULTANEE DANS DES SYSTEMES MULTI-UTILISATEURS A ENTREES MULTIPLES SORTIES MULTIPLES (MU-MIMO) MULTI-ANTENNES**
[72] SHEPARD, CLAYTON WELLS, US
[72] EVERETT, EVAN J., US
[72] SABHARWAL, ASHUTOSH, US
[72] ZHONG, LIN, US
[71] SKYLARK WIRELESS, LLC, US
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[54] **DISPOSITIF, SYSTEME, KIT, LOGICIEL ET PROCEDE DE MELANGE**
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[72] MUMPOWER, MARIANO, US
[72] LANE, BENJAMIN R., US
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[54] **ESSAIS DE CLIVAGE INVASIF MULTIPLEXE**
[72] PETERSON, PATRICK L., US
[72] KING, JOE, US
[72] HALL, JEFF, US
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[54] **PANSEMENT**
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[72] BUGEDO, ANDER, GB
[72] HARDY, CRAIG, GB
[71] MEDTRADE PRODUCTS LIMITED, GB
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[54] **REFORMEUR A TUBE A TOURBILLON POUR LA PRODUCTION ET LA SEPARATION D'HYDROGENE, ET UTILISATION INTEGREE**
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[71] ENERGYIELD LLC, US
[71] ROGITZ, JOHN L., US
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[54] **PLATEFORME DE DECOUVERTE ET D'ANALYSE D'AGENTS THERAPEUTIQUES**
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[72] PREVITE, MICHAEL, US
[72] GOLYNSKIY, MISHA, US
[72] KELLINGER, MATTHEW WILLIAM, US
[72] PEISAJOVICH, SERGIO, US
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[54] **PIGMENTS DE TYPE DELAFOSSITE SANS CHROME REFLECHISSANT LE PROCHE INFRAROUGE**
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[71] THE SHEPHERD COLOR COMPANY, US
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[72] MELDAHL, BRIAN, US
[72] VAN BUSKIRK, DYLAN, US
[72] VAN BUSKIRK, STEVEN, US
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[72] BRAND, CHRISTOPHER, US
[72] ELLIS, DANIEL P., US
[72] GUTARIN, ALEX, US
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[72] XU, HAO, US
[72] GAAL, PETER, US
[72] CHEN, WANSHI, US
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[54] **APPAREIL DE TRANSMISSION, APPAREIL DE RECEPTION, ET PROCEDE DE COMMANDE CORRESPONDANT**
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[72] LEE, HAK-JU, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **PROCEDES ET N□UDS POUR LA GESTION DE RAPPORTS DE RSTD**
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[72] MODARRES RAZAVI, SARA, SE
[72] GUNNARSSON, FREDRIK, SE
[72] WANG, MENG, SE
[72] BLANKENSHIP, YUFEI, US
[72] RYDEN, HENRIK, SE
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[54] **INVALIDATION DE CONTENU VIDEO EN RESEAU DE DISTRIBUTION DE CONTENU PAR MANIPULATION DE FICHIERS MANIFEST DE DEBIT BINAIRE ADAPTATIF**
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[72] TRUAX, GREGORY K., US
[71] AMAZON TECHNOLOGIES, INC., US
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[54] **SUPPORT DE TRANSMISSION A NOYAUX MULTIPLES ET SES PROCEDES D'UTILISATION**
[72] HENRY, PAUL SHALA, US
[72] TAYLOR, WILLIAM SCOTT, US
[72] BENNETT, ROBERT, US
[72] BARZEGAR, FARHAD, US
[72] GERSZBERG, IRWIN, US
[72] BARNICKEL, DONALD J., US
[72] WILLIS, THOMAS M., III, US
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[54] **METHODS AND APPARATUS FOR REQUESTING BUFFER STATUS REPORTS FOR IMPLEMENTING MULTIPLE USER UPLINK MEDIUM ACCESS CONTROL PROTOCOLS IN A WIRELESS NETWORK**
[54] **PROCEDES ET APPAREIL DE DEMANDE DE RAPPORTS D'ETATS DE TAMPON POUR METTRE EN OEUVRE DES PROTOCOLES DE COMMANDE D'ACCES AU SUPPORT DE LIAISON MONTANTE MULTI-UTILISATEURS DANS UN RESEAU SANS FIL**
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[71] QUALCOMM INCORPORATED, US
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[54] **PROCEDES D'ADMINISTRATION D'UN AGENT DANS DES □UFS ET DES EMBRYONS D'ANIMAUX AQUATIQUES PRODUISANT DES □UFS POUR LE CRIBLAGE DE MEDICAMENTS, DOSAGE DE TOXICITE D'AGENTS ET PRODUCTION DE POISSON STERILE**
[72] WONG, TEN TSAO, US
[72] ZOHAR, YONATHAN, US
[71] UNIVERSITY OF MARYLAND BALTIMORE COUNTY, US
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[54] **SYSTEMS AND METHODS FOR CREATING USER-MANAGED ONLINE PAGES (MAPPAGES) LINKED TO LOCATIONS ON AN INTERACTIVE DIGITAL MAP**
[54] **SYSTEMES ET PROCEDES DE CREATION DE PAGES EN LIGNE GEREES PAR LES UTILISATEURS (MAPPAGES) LIEES A DES EMPLACEMENTS SUR UNE CARTE NUMERIQUE INTERACTIVE**
[72] AKKARAWITTAYAPOOM, SOMCHAI, TH
[71] AKKARAWITTAYAPOOM, SOMCHAI, TH
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[54] **APPARATUS AND METHODS FOR ASSISTING WITH AIRCRAFT MAINTENANCE USING PREDETERMINED MAINTENANCE PROGRAMS**
[54] **APPAREIL ET PROCEDES D'ASSISTANCE A LA MAINTENANCE AERONAUTIQUE UTILISANT DES PROGRAMMES DE MAINTENANCE PREDETERMINES**
[72] PINSONNAULT, JEROME, CA
[72] MOFAKHAMI, MOHAMMAD REZA, CA
[72] MULLIGAN, KYLE R., CA
[71] BOMBARDIER INC., CA
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[54] **PROCEDE ET SYSTEME DE TRANSMISSION A COUPLE INCLINE**
[72] STAHL, MAT, US
[72] BIEBER, MICHAEL, US
[72] ANDRE, JACOB, US
[72] SHAWALUK, NEAL, US
[71] HORTON, INC., US
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[54] **ENSEMBLE LEVIER DE COMMANDE A DISTANCE**
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[72] WINEFORDNER, CARL, US
[71] CRANK BROTHERS, INC., US
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[54] **PROCEDES ET SYSTEMES PERMETTANT DE VISIONNER DES VIDEOS INTEGREES**
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[71] FACEBOOK, INC., US
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[72] STUPHANN, ANDREAS, AT
[72] HAUER, RONALD, AT
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[72] ANWER, RAZI, US
[71] THE SHERWIN-WILLIAMS COMPANY, US
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[54] **SYSTEME ET PROCEDE POUR SURVEILLER ET COMMANDER UN ENVIRONNEMENT DE FABRICATION**
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[71] THE LAKE COMPANIES, INC, US
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[72] DECHELLIS, MARC L., US
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[54] **FILM POLYMERE MULTICOUCHE ET EMBALLAGE MULTIPLE FABRIQUE A PARTIR DE CELUI-CI**
[72] GARRIGA, JORDI, ES
[72] QUILLAY, NICOLAS, FR
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[54] **PRODUITS EN FIBRO-CIMENT COLORES ET PROCEDES DE PRODUCTION ASSOCIES**
[72] PALACIOS, RODRIGO, CL
[71] SOCIEDAD INDUSTRIAL PIZARRENO, CL
[71] ETEX SERVICES NV, BE
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[54] **ELEMENT DE PREHENSION D'UN EQUIPEMENT SPORTIF**
[72] ESTEVES, OLIVIER, FR
[71] GYMNOVA, FR
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[54] **APPAREIL DESTINE A EMPILER DES PLAQUES DE BATTERIE**
[72] COX, DAVID, GB
[71] TBS ENGINEERING LIMITED, GB
[85] 2017-11-06
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[54] **POUDRE POUR PULVERISATION THERMIQUE, PROCEDE DE PULVERISATION THERMIQUE ET REVETEMENT PULVERISE THERMIQUEMENT**
[72] KITAMURA, JUNYA, JP
[72] FUJIMORI, KAZUYA, JP
[72] WADA, TETSUYOSHI, JP
[71] OERLIKON METCO (JAPAN) LTD., JP
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[54] **UTILISATION DE BETAINES POUR LA STABILISATION DE SCHISTES**
[72] TRIA, MARIA CELESTE RELLAMAS, US
[72] SANTOS, CATHERINE MARTIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **COLOR-BLEED RESISTANT SILICA AND SILICATE PIGMENTS AND METHODS OF MAKING SAME**
[54] **SILICE RESISTANTE AU DEGORGEMENT, PIGMENTS DE SILICE ET LEURS PROCEDES DE FABRICATION**
[72] NASSIVERA, TERRY W., US
[72] GALLIS, KARL W., US
[71] EVONIK DEGUSSA GMBH, DE
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[54] **THREE COMPONENT POLYURETHANE BINDER SYSTEM**
[54] **SYSTEME DE LIANT A BASE DE POLYURETHANE A TROIS COMPOSANTS**
[72] WANG, XIANPING, US
[72] STANCLIFFE, MARK, GB
[72] PRIEBE, CHRISTIAN, DE
[72] KROKER, JOERG, US
[71] ASK CHEMICALS, L.P., US
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[54] **BINDER SYSTEM FOR REDUCED METAL MOLD REACTION**
[54] **SYSTEME DE LIANT POUR REACTION REDUITE ENTRE LE METAL ET LE MOULE**
[72] WANG, XIANPING, US
[72] STANCLIFFE, MARK, GB
[72] PRIEBE, CHRISTIAN, DE
[72] KROKER, JOERG, US
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[54] **SEMELLE INTERIEURE DE CHAUSSURE A SUPPORT PROFILE**
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[72] MARTINEZ, JACOB, US
[71] IMPLUS FOOTCARE, LLC, US
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[54] **METHOD AND SYSTEM FOR ENTRY OF CUSTOMER EXPERIENCE FEEDBACK WITH REAL-TIME AUTOMATED FILTERING AND EVALUATION OF FEEDBACK, AND TRANSMISSION OF REAL-TIME NOTIFICATION TO SELECTED PERSONNEL BASED ON FEEDBACK EVALUATION IN A FLEXIBLE MESSAGING AND WORKFLOW SYSTEM**
[54] **PROCEDE ET SYSTEME D'ENTREE DE RETROACTION D'EXPERIENCE DE CLIENT AVEC FILTRAGE ET EVALUATION AUTOMATISES EN TEMPS REEL DE RETROACTION, ET DE TRANSMISSION DE NOTIFICATION EN TEMPSREEL A DU PERSONNEL SELECTIONNE SUR LA BASE D'UNE EVALUATION DE RETROACTION DANS UN SYSTEME FLEXIBLE DE MESSAGERIE ET DE FLUX DE TRAVAUX**
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[72] BERG, MATTHEW L., US
[71] WESTWOOD CAPITAL PARTNERS, INC., US
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[54] **SURFACE COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT DE SURFACE**
[72] WEIER, ANDREAS, DE
[72] SCHALLER, CHRISTIAN, DE
[72] WEH, WALTER, DE
[72] GERLACH, GUNTER, DE
[72] BURGETH, GERALD, DE
[71] STO SE & CO. KGAA, DE
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[54] **METHOD AND APPARATUS FOR HEAT TREATMENT OF A FERROUS MATERIAL USING AN ENERGY BEAM**
[54] **PROCEDE ET APPAREIL POUR LE TRAITEMENT THERMIQUE D'UN MATERIAU FERREUX A L'AIDE D'UN FAISCEAU D'ENERGIE**
[72] SANCHO DIAZ, PAULA, ES
[72] IGLESIAS VALLE, IRATI, ES
[72] DOMINGUEZ COBREROS, JESUS, ES
[71] IKERGUNE, A.I.E., ES
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[25] EN
[54] **PROCESS FOR INCREASING THE WETTING RATE OF HYDROPHOBIC MEDIA WITH A WETTING COMPOSITION**
[54] **PROCEDE POUR AUGMENTER LE TAUX DE MOUILLAGE DE MILIEUX HYDROPHOBES AVEC UNE COMPOSITION DE MOUILLAGE**
[72] NIEDZWIECKI, DANIEL, US
[72] ROH, YEONSUK, US
[72] ERICKSON, JOHN P., US
[71] BASF SE, DE
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[54] **TOOTHBRUSH SYSTEM WITH MAGNETOMETER FOR DENTAL HYGIENE MONITORING**
[54] **SYSTEME DE BROSSE A DENTS DOTE D'UN MAGNETOMETRE POUR ASSURER LA SURVEILLANCE DE L'HYGIENE DENTAIRE**
[72] SERVAL, THOMAS, FR
[72] LANDAU, SAMUEL, FR
[71] KOLIBREE, FR
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[54] **SYSTEM FOR THE AUTOMATIC RELEASE OF PRODUCTS MADE FROM CAST CONCRETE FROM FLEXIBLE MOULDS**
[54] **SYSTEME DE DEMOULAGE AUTOMATIQUE DE PRODUITS FABRIQUES A PARTIR DE BETON COULE DANS DES MOULES SOUPLES**
[72] SAVORELLI, ADRIANO, IT
[71] VORTEX HYDRA S.R.L., IT
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[54] **LIGHT ADJUSTABLE INTRAOCULAR LENSES USING UPCONVERTING NANOPARTICLES AND NEAR INFRARED (NIR) LIGHT**
[54] **LENTILLES INTRA-OCULAIRES AJUSTABLES A LA LUMIERE A L'AIDE D'UNE CONVERSION ASCENDANTE DES NANOPARTICULES ET DE LA LUMIERE INFRAROUGE PROCHE (NIR)**
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[72] MANGOLD, SHANE L., US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
[85] 2017-11-07
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[54] **UNDERGROUND SEPTIC TANK**
[54] **FOSSE SEPTIQUE SOUTERRAINE**
[72] WEED, CHRISTOPHER D., US
[72] ELLIOTT, DAVID A., US
[71] PALLETTE STONE CORPORATION, US
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[54] **HERBICIDE COMBINATIONS COMPRISING L-GLUFOSINATE AND INDAZIFLAM**
[54] **COMBINAISONS HERBICIDES COMPRENANT DU L-GLUFOSINATE ET DE L'INDAZIFLAM**
[72] OESER, JORG, DE
[72] GUR, PETRA, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **METHOD TO INCREASE THE STRENGTH OF A FORM BODY OF LITHIUM SILICATE GLASS CERAMIC**
[54] **PROCEDE POUR AUGMENTER LA RESISTANCE D'UN CORPS DE FORME DE VITROCERAMIQUE A BASE DE SILICATE DE LITHIUM**
[72] FECHER, STEFAN, DE
[72] VOELKL, LOTHAR, DE
[71] DENTSPLY SIRONA INC., US
[71] DEGUDENT GMBH, DE
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[54] **AGITATOR DEVICE**
[54] **DISPOSITIF AGITATEUR**
[72] JUNG, JOCHEN, DE
[71] EKATO RUHR- UND MISCHTECHNIK GMBH, DE
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[54] **VALVE STENT USED SAFELY AND VALVE REPLACEMENT DEVICE HAVING THE SAME**
[54] **ENDOPROTHESE DE VALVE UTILISEE DE MANIERE SECURITAIRE ET DISPOSITIF DE REMPLACEMENT DE VALVE COMPORTANT LADITE ENDOPROTHESE**
[72] ZENG, FRANK, CN
[72] LO, LARRY, CN
[72] QI, JESS, CN
[71] VENUS MEDTECH (HANGZHOU), INC., CN
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[54] **SUPPORT DE TUBE DE VOIE RESPIRATOIRE**
[72] MOLDEN, MATHIAS, NO
[72] PROVO KLUIT, ROBERT, NO
[71] LAERDAL MEDICAL AS, NO
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[54] **APPAREIL POUR DIVISER DES PRODUITS D'HORTICULTURE**
[72] BENEDETTI, LUCA, IT
[71] UNITEC S.P.A., IT
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[54] **FILTERING INJECTION NEEDLE ASSEMBLY FOR SYRINGE**
[54] **ENSEMBLE FILTRE-AIGUILLE POUR SERINGUE**
[72] RA, YONG-KUK, KR
[71] RA, YONG-KUK, KR
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[54] **VACUUM LOW-TEMPERATURE COOKER**
[54] **APPAREIL DE CUISSON A BASSE TEMPERATURE SOUS VIDE**
[72] LEE, KYUL-JOO, KR
[71] INTROPACK. CO., LTD., KR
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[54] **LOW-DEFLECTION ROLLER SHADE TUBE FOR LARGE OPENINGS**
[54] **TUBE DE STORE A RESSORT A FAIBLE DEVIATION POUR GRANDES OUVERTURES**
[72] BLAIR, EDWARD J., US
[72] OGDEN, PETER W., US
[71] LUTRON ELECTRONICS CO., INC., US
[85] 2017-11-08
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[51] **Int.Cl. H04L 12/18 (2006.01) H04W 4/06 (2009.01) H04L 29/06 (2006.01)**
[25] EN
[54] **CONTROLLING AN IOT DEVICE USING A REMOTE CONTROL DEVICE VIA AN INFRASTRUCTURE DEVICE**
[54] **COMMANDE D'UN DISPOSITIF D'IOT A L'AIDE D'UN DISPOSITIF DE TELECOMMANDE VIA UN DISPOSITIF D'INFRASTRUCTURE**
[72] MALIK, RAHUL, US
[72] TINNAKORNSRISUPHAP, PEERAPOL, US
[72] MENUCHEHRY, MENUCHER, US
[72] XUE, QI, US
[72] MOHANTY, BIBHU, US
[71] QUALCOMM INCORPORATED, US
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[54] **FLUID FABRIC ENHANCER COMPOSITIONS**
[54] **COMPOSITIONS ASSOUPLISSANTES FLUIDES POUR TEXTILE**
[72] BIANCHETTI, GIULIA OTTAVIA, IT
[72] JOOS, CONNY ERNA ALICE, BE
[72] KEIJZER, OLAV PIETER DORA TONY, BE
[71] THE PROCTER & GAMBLE COMPANY, US
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[51] **Int.Cl. E04B 9/22 (2006.01) E04B 9/04 (2006.01)**
[25] EN
[54] **CEILING MOUNTING SYSTEM AND RELATED METHOD**
[54] **SYSTEME DE MONTAGE DE PLAFOND ET PROCEDE ASSOCIE**
[72] OLESKE, PETER J., US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
[85] 2017-11-08
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[25] EN
[54] **PRECAST BUILDING BLOCK, MODULAR ELEMENT WITH OPTIMIZED GEOMETRY, PROCESS FOR OBTAINING THE MODULAR ELEMENT, CONSTRUCTION, METHOD FOR OBTAINING A BUILDING BY ASSEMBLING THE MODULARELEMENTS**
[54] **BLOC DE CONSTRUCTION PREFABRIQUE, ELEMENT MODULAIRE A GEOMETRIE OPTIMISEE, PROCEDE PERMETTANT D'OBTENIR L'ELEMENT MODULAIRE, CONSTRUCTION, METHODE PERMETTANT D'OBTENIR UN BATIMENTPAR L'ASSEMBLAGE DES ELEMENTS MODULAIRES**
[72] BREAZ, LAURENTIU DUMITRU, RO
[71] BREAZ, LAURENTIU DUMITRU, RO
[85] 2017-11-08
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[30] RO (a2015 00334) 2015-05-12

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[25] EN
[54] **METHOD AND APPARATUS FOR ENABLING THE TOUCHSCREEN DISPLAY OF A MOBILE DEVICE**
[54] **PROCEDE ET APPAREIL POUR ACTIVER L'ECRAN TACTILE D'UN DISPOSITIF MOBILE**
[72] DAGAN, NOAM, US
[72] DENNIS, RAVIT, US
[72] BARENBOIM, LIOR, US
[72] DAVID, LIOR, US
[72] DU, ELIZA, US
[72] BANDYOPADHYAY, SAURAV, US
[71] QUALCOMM INCORPORATED, US
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[30] US (62/186,223) 2015-06-29
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[51] **Int.Cl. F02M 21/02 (2006.01) B60K 15/00 (2006.01) B61C 17/02 (2006.01) F02D 19/06 (2006.01) F17C 11/00 (2006.01)**
[25] EN
[54] **SORBENT-BASED LOW PRESSURE GASEOUS FUEL DELIVERY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE CARBURANT GAZEUX A BASSE PRESSION A BASE DE SORBANT**
[72] BONELLI, ROBERT ALLEN, US
[71] ADSORBED NATURAL GAS PRODUCTS, INC., US
[85] 2017-11-08
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[51] **Int.Cl. G06F 12/0875 (2016.01)**
[25] EN
[54] **MAPPING INSTRUCTION BLOCKS INTO INSTRUCTION WINDOWS BASED ON BLOCK SIZE**
[54] **MAPPAGE DE BLOCS D'INSTRUCTIONS AVEC DES FENETRES D'INSTRUCTIONS D'APRES UNE TAILLE DE BLOC**
[72] BURGER, DOUGLAS C., US
[72] SMITH, AARON, US
[72] GRAY, JAN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[51] **Int.Cl. E21B 43/243 (2006.01) E21B 43/295 (2006.01)**
[25] EN
[54] **IGNITING UNDERGROUND ENERGY SOURCES USING PROPELLANT TORCH**
[54] **ALLUMAGE DE SOURCES D'ENERGIE SOUTERRAINES A L'AIDE D'UNE TORCHE DE PROPULSEUR**
[72] WALTERS, DARREN PHILIP, US
[72] HARIVE, KEVIN SCOTT, US
[72] BURKY, THOMAS EARL, US
[72] LINSKY, CHRISTOPHER THADDEOUS, US
[72] HRISCU, IOSIF, US
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[54] **DETERMINING STREET SEGMENT HEADINGS**
[54] **DETERMINATION DE TYPES DE SEGMENT DE RUE**
[72] DAVIDSON, MARK J., US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
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[51] **Int.Cl. B29C 64/106 (2017.01) B33Y 30/00 (2015.01) B33Y 50/02 (2015.01) B29C 64/386 (2017.01)**
[25] EN
[54] **DEVICE AND METHOD FOR APPLYING FLOWABLE MATERIAL TO A SUBSTRATUM THAT CAN BE ROTATED ABOUT AN AXIS OF ROTATION**
[54] **DISPOSITIF ET PROCEDE D'APPLICATION D'UN MATERIAU COULANT SUR UN SUPPORT POUVANT TOURNER AUTOUR D'UN AXE DE ROTATION**
[72] MATHEA, HANS, DE
[71] DP POLAR GMBH, DE
[85] 2017-11-09
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[25] EN
[54] **DETECTION OF A DISRUPTION OF A FLUID CONNECTION BETWEEN TWO FLUID CONTAINING SYSTEMS**
[54] **DETECTION D'UNE INTERRUPTION D'UNE LIAISON FLUIDIQUE ENTRE DEUX SYSTEMES CONTENANT DU FLUIDE**
[72] SOLEM, KRISTIAN, SE
[72] OLDE, BO, SE
[72] STERNBY, JAN, SE
[71] GAMBRO LUNDIA AB, SE
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[25] EN
[54] **SCREEN ASSEMBLY FOR VIBRATORY SCREENING MACHINES**
[54] **ENSEMBLE CRIBLE POUR MACHINES DE CRIBLAGE VIBRANTES**
[72] WALKER, JEFFREY EARL, US
[71] STROX SYSTEMS, LLC, US
[85] 2017-11-08
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[54] **HEATER ASSEMBLY FOR AN AEROSOL-GENERATING SYSTEM**
[54] **ENSEMBLE ELEMENT CHAUFFANT POUR UN SYSTEME DE GENERATION D'AEROSOL**
[72] ZINOVIK, IHAR IGOR NIKOLAEVICH, CH
[72] COURBAT, JEROME, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **EOLIENNE ET PALE D'EOLIENNE**
[72] JENSEN, FIND MOLHOLT, DK
[71] BLADENA APS, DK
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[86] 2016-05-20 (PCT/DK2016/050137)
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[25] EN
[54] **DEODORANT COMPOSITION COMPRISING A MIXTURE OF ALPHA, BETA AND GAMMA CYCLODEXTRIN**
[54] **COMPOSITION DEODORANTE COMPRENANT UN MELANGE D'ALPHA-, BETA- ET GAMMA-CYCLODEXTRINE**
[72] TONGIANI, SERENA, IT
[72] RAGNI, LORELLA, IT
[72] DONELLI, DANIELA, IT
[71] AZIENDE CHIMICHE RIUNITE ANGELINI FRANCESCO A.C.R.A.F.S.P.A., IT
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[25] EN
[54] **AN ELECTRICALLY OPERATED SMOKING DEVICE INCLUDING A SYSTEM FOR IDENTIFYING SMOKING ARTICLES IN THE DEVICE**
[54] **DISPOSITIF A FUMER ACTIONNE ELECTRIQUEMENT COMPRENANT UN SYSTEME D'IDENTIFICATION D'ARTICLES A FUMER DANS LE DISPOSITIF**
[72] GIMKIEWICZ, CHRISTIANE, DE
[72] ECKERT, ROLF, CH
[72] FRANZI, EDOARDO, CH
[72] HASLER, DAVID, CH
[72] STANLEY, ROSS, CH
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[25] EN
[54] **LOW EARTH ORBIT SATELLITE FOR AIR TRAFFIC CONTROL**
[54] **SATELLITE SUR ORBITE TERRESTRE BASSE POUR CONTROLE DU TRAFIC AERIEN**
[72] ALMINDE, LARS KROGH, DK
[72] NISSEN, JACOB MOLBACH, DK
[71] GOMSPACE A/S, DK
[85] 2017-11-09
[86] 2016-07-12 (PCT/EP2016/066519)
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[25] EN
[54] **INK COMPOSITION, USE OF SAME, AND PRINTED PRODUCT**
[54] **COMPOSITION D'ENCRE, UTILISATION DE CETTE ENCRE ET DOCUMENT IMPRIME**
[72] KECHT, JOHANN, DE
[72] SCHLOSSBAUER, AXEL, DE
[71] GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH, DE
[85] 2017-11-09
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[51] **Int.Cl. A61K 31/7068 (2006.01) A61P 35/00 (2006.01)**
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[54] **CANCER TREATMENTS**
[54] **TRAITEMENTS DU CANCER**
[72] GRIFFITH, HUGH, GB
[72] MCGUIGAN, CHRIS, GB
[72] PEPPER, CHRIS, GB
[71] NUCANA PLC, GB
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[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) C22C 38/38 (2006.01)**
[25] EN
[54] **HIGH MANGANESE 3RD GENERATION ADVANCED HIGH STRENGTH STEELS**
[54] **ACIERS HAUTE RESISTANCE AMELIORES DE TROISIEME GENERATION A TENEUR ELEVEE EN MANGANESE**
[72] GARZA-MARTINEZ, LUIS GONZALO, US
[72] THOMAS, GRANT AARON, US
[72] GILL, AMRINDER SINGH, US
[71] AK STEEL PROPERTIES, INC., US
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[51] **Int.Cl. E05D 7/081 (2006.01) E05D 5/02 (2006.01) E05D 7/10 (2006.01) E05F 1/10 (2006.01) E05F 1/12 (2006.01) E05F 3/10 (2006.01) E05F 3/20 (2006.01) E05D 5/10 (2006.01) E05D 11/04 (2006.01)**
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[54] **LOW-BULKINESS HINGE**
[54] **CHARNIERE A FAIBLE ENCOMBREMENT**
[72] BACCHETTI, LUCIANO, IT
[71] IN & TEC S.R.L., IT
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[25] EN
[54] **FRICTION COATINGS**
[54] **REVETEMENT DE FROTTEMENT**
[72] LARSEN, JOHNNY MOLLERUP, DK
[72] HINGE, MOGENS, DK
[72] HANSEN, CHRISTOFFER BJERREMAND, DK
[71] SAFELOAD A/S, DK
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[13] A1
[51] **Int.Cl. C07K 1/14 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING A RECOMBINANT PROTEIN**
[54] **PROCEDE DE PRODUCTION D'UN MICRO-ORGANISME RECOMBINANT**
[72] FINKA, GARY BRIAN, GB
[72] HOARE, MICHAEL, GB
[72] UDEN, MARK, GB
[72] VOULGARIS, IOANNIS, GB
[71] GLAXO GROUP LIMITED, GB
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[86] 2016-05-13 (PCT/EP2016/060807)
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[51] **Int.Cl. H02J 3/00 (2006.01)**
[25] EN
[54] **DYNAMIC LINE RATING DETERMINATION APPARATUS AND ASSOCIATED METHOD**
[54] **APPAREIL DE DETERMINATION DE LIGNE DYNAMIQUE NOMINALE ET PROCEDE ASSOCIE**
[72] HA, HENGXU, GB
[72] NA, DENG, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2017-11-09
[86] 2016-05-17 (PCT/EP2016/061026)
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[51] **Int.Cl. A61M 1/00 (2006.01) A61F 13/00 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **FLUIDIC CONNECTOR FOR NEGATIVE PRESSURE WOUND THERAPY**
[54] **CONNECTEUR FLUIDIQUE POUR TRAITEMENT DE PLAIE PAR PRESSION NEGATIVE**
[72] COLLINSON, SARAH JENNY, GB
[72] GOWANS, JOHN, GB
[72] GOWANS, PHILIP, GB
[71] SMITH & NEPHEW PLC, GB
[85] 2017-11-09
[86] 2016-05-18 (PCT/EP2016/061145)
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[51] **Int.Cl. H01H 31/00 (2006.01) H01H 31/32 (2006.01)**
[25] EN
[54] **QUICKLY CLOSING SWITCHING ELEMENT**
[54] **ELEMENT DE COMMUTATION A FERMETURE RAPIDE**
[72] SCHMIDT, WERNER, DE
[72] BOTTCHER, MARTIN, DE
[72] FREUNDT, KARSTEN, DE
[72] LECHELER, STEFAN, DE
[72] ERLWEIN, THOMAS, DE
[72] GONZALEZ, SARAI, DE
[72] HEINRICHS, CHRISTIAN, DE
[72] POHLMANN, DOROTHEA, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[87] (WO2016/202521)
[30] DE (10 2015 211 030.3) 2015-06-16

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[13] A1
[51] **Int.Cl. B07C 7/00 (2006.01)**
[25] FR
[54] **METHOD FOR MANUALLY MERGING POSTAL OBJECTS INTO A STACK OF MAIL ITEMS THAT HAVE ALREADY BEEN SORTED**
[54] **PROCEDE POUR FUSIONNER MANUELLEMENT DES OBJETS POSTAUX DANS UNE PILE D'ARTICLES DE COURRIER DEJA TRIES**
[72] VOLTA, BRUNO, FR
[72] MIETTE, EMMANUEL, FR
[71] SOLYSTIC, FR
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[86] 2016-05-26 (PCT/FR2016/051242)
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[51] **Int.Cl. B07C 7/00 (2006.01)**
[25] FR
[54] **DEVICE FOR ASSISTING WITH THE MANUAL MERGING OF POSTAL OBJECTS INTO A STACK OF MAIL ITEMS**
[54] **DISPOSITIF D'AIDE A LA FUSION MANUELLE D'OBJETS POSTAUX DANS UNE PILE D'ARTICLES DE COURRIER**
[72] MIETTE, EMMANUEL, FR
[72] VOLTA, BRUNO, FR
[71] SOLYSTIC, FR
[85] 2017-11-09
[86] 2016-05-30 (PCT/FR2016/051286)
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[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01) A61F 13/00 (2006.01)**
[25] EN
[54] **COMPRESSIBLE NEGATIVE PRESSURE SOURCE AND METHODS OF USE**
[54] **SOURCE DE PRESSION NEGATIVE COMPRESSIBLE ET PROCEDES D'UTILISATION**
[72] ASKEM, BEN ALAN, GB
[72] NOBLE, STEPHANIE, GB
[71] SMITH & NEPHEW PLC, GB
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[25] EN
[54] **COMPOSITIONS COMPRISING CINNAMALDEHYDE AND ZINC AND METHODS OF USING SUCH COMPOSITIONS**
[54] **COMPOSITIONS COMPRENANT DU CINNAMALDEHYDE ET DU ZINC ET PROCEDES D'UTILISATION DE CES COMPOSITIONS**
[72] CAMACHO, SUSANA, CH
[72] MICHLIG GONZALEZ, STEPHANIE, CH
[72] ACTIS GORETTA, LUCAS, CH
[72] MEYLAN MERLINI, JENNY, CH
[72] LE COUTRE, JOHANNES, CH
[71] NESTEC S.A., CH
[85] 2017-11-09
[86] 2016-05-24 (PCT/EP2016/061698)
[87] (WO2016/193067)
[30] US (62/171,366) 2015-06-05

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[51] **Int.Cl. G07D 7/00 (2016.01) G07D 7/20 (2016.01)**
[25] EN
[54] **METHOD OF VERIFYING AN AUTHENTICITY OF A PRINTED ITEM AND DATA PROCESSING TERMINAL**
[54] **PROCEDE DE VERIFICATION D'AUTHENTICITE D'UN ARTICLE IMPRIME ET TERMINAL DE TRAITEMENT DE DONNEES**
[72] KERVER, JOHANNES BERNARDUS, NL
[71] FILIGRADE B.V., NL
[85] 2017-11-09
[86] 2016-04-11 (PCT/NL2016/050250)
[87] (WO2016/163887)
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[51] **Int.Cl. C09D 191/06 (2006.01) F16B 33/06 (2006.01)**
[25] EN
[54] **THREADED METALLIC FASTENER AND PROCESS FOR COATING A THREADED METALLIC FASTENER**
[54] **FIXATION METALLIQUE FILETEE ET PROCEDE DE REVETEMENT D'UNE FIXATION METALLIQUE FILETEE**
[72] DE BRUINE, PIETER ISAAC, NL
[71] LUBO GLOBAL INNOVATION B.V., NL
[85] 2017-11-09
[86] 2016-05-12 (PCT/NL2016/050338)
[87] (WO2016/182443)
[30] NL (2014798) 2015-05-12

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[13] A1
[51] **Int.Cl. E21B 47/06 (2012.01) E21B 43/12 (2006.01)**
[25] EN
[54] **AUTOMATED PVT CHARACTERIZATION AND FLOW METERING**
[54] **CARACTERISATION DE PRESSION-VOLUME-TEMPERATURE ET MESURE DE DEBIT AUTOMATIQUES**
[72] ORTIZ, THOMAS MANUEL, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2017-11-09
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[13] A1
[51] **Int.Cl. B65H 3/46 (2006.01) B07C 1/02 (2006.01) B65H 1/02 (2006.01) B65H 1/24 (2006.01) B65H 7/06 (2006.01)**
[25] FR
[54] **UNSTACKING DEVICE HAVING A VIEWING SYSTEM**
[54] **DISPOSITIF DE DEPILAGE AVEC SYSTEME DE VISION**
[72] EL BERNOUSSI, HICHAM, FR
[72] TELUOB, JEAN-MARC, FR
[72] AMBROISE, STEPHANE, FR
[71] SOLYSTIC, FR
[85] 2017-11-09
[86] 2016-06-03 (PCT/FR2016/051338)
[87] (WO2016/198769)
[30] FR (1555315) 2015-06-11

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[25] EN
[54] **MODEL TUNING USING BOUNDARY FLUX SECTOR SURROGATES**
[54] **REGLAGE DE MODELE GRACE A DES SUBSTITUTS DE SECTEUR DE FLUX DE LIMITE**
[72] HINKLEY, RICHARD EDWARD, US
[72] WONG, TERRY WAYNE, US
[72] FLEMING, GRAHAM CHRISTOPHER, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2017-11-09
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[13] A1
[51] **Int.Cl. B60G 11/10 (2006.01) B60G 11/113 (2006.01)**
[25] EN
[54] **SPRING SEATS AND VEHICLE SUSPENSION SYSTEMS INCORPORATING SUCH SPRING SEATS**
[54] **SIEGES DE RESSORTS ET SYSTEMES DE SUSPENSION DE VEHICULE COMPORTANT DE TELS SIEGES DE RESSORTS**
[72] BLOINK, MICHAEL P., US
[72] DILWORTH, DAMON E., US
[72] ELWOOD, PAUL D., US
[71] HENDRICKSON USA, L.L.C., US
[85] 2017-11-09
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[87] (WO2016/195769)
[30] US (14/725,522) 2015-05-29

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[51] **Int.Cl. E21B 27/00 (2006.01) E21B 37/00 (2006.01)**
[25] EN
[54] **DEBRIS CATCHER**
[54] **COLLECTEUR DE DEBLAIS DE FORAGE**
[72] XU, ZHIYUE, US
[72] HARPER, JASON M., US
[72] SANCHEZ, JAMES S., US
[72] KING, JAMES G., US
[72] O'MALLEY, EDWARD, GB
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[30] US (14/713,645) 2015-05-15
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[51] **Int.Cl. H04L 12/16 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **INTERNET RADIO SONG DEDICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DEDICACE DE CHANSON DE RADIO INTERNET**
[72] KRAWCZYK, JACEK ADAM, US
[71] PANDORA MEDIA, INC., US
[85] 2017-11-09
[86] 2016-03-18 (PCT/US2016/023081)
[87] (WO2016/186718)
[30] US (14/713,688) 2015-05-15

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[13] A1
[51] **Int.Cl. E21B 43/40 (2006.01) B01D 3/34 (2006.01) B01D 19/00 (2006.01) C02F 1/40 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **PROCESS FOR REMOVING DISSOLVED GAS FROM AN EVAPORATOR FEED STREAM**
[54] **PROCEDE PERMETTANT D'ELIMINER UN GAZ DISSOUS D'UN FLUX D'ALIMENTATION D'EVAPORATEUR**
[72] BLACKMON, ROBERT, ES
[72] GARCIA, MIKEL, ES
[72] PATTERSON, MARK, US
[71] VEOLIA WATER TECHNOLOGIES, INC., US
[85] 2017-11-09
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[87] (WO2016/182872)
[30] US (62/159,233) 2015-05-09
[30] US (15/144,876) 2016-05-03

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[13] A1
[51] **Int.Cl. A61B 17/32 (2006.01) A61B 17/3205 (2006.01) A61B 17/3207 (2006.01)**
[25] EN
[54] **INNER TUBULAR MEMBER FOR ANGLED ROTARY SURGICAL INSTRUMENT**
[54] **ELEMENT TUBULAIRE INTERNE POUR INSTRUMENT CHIRURGICAL ROTATIF ANGULAIRE**
[72] NGUYEN, THOAI, US
[71] MEDTRONIC XOMED, INC., US
[85] 2017-11-09
[86] 2016-04-28 (PCT/US2016/029737)
[87] (WO2016/195861)
[30] US (14/725,824) 2015-05-29

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[13] A1
[51] **Int.Cl. A61B 17/14 (2006.01) B27B 19/00 (2006.01)**
[25] EN
[54] **SURGICAL SAGITTAL BLADE CARTRIDGE WITH A REINFORCED GUIDE BAR**
[54] **CARTOUCHE DE LAME SAGITTALE CHIRURGICALE A BARRE DE GUIDAGE RENFORCEE**
[72] MAC AN TUILE, CONOR, IE
[72] WALEN, JAMES G., US
[71] STRYKER EUROPEAN HOLDINGS I, LLC, US
[85] 2017-11-09
[86] 2016-05-09 (PCT/US2016/031407)
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[54] **RUNNING TIGHT WITH PRECONFIGURED COMPRESSION ZONES AND INTEGRATED STRUCTURE PATTERNS**
[54] **COLLANTS DE COURSE COMPORTANT DES ZONES DE COMPRESSION CONCUES AU PREALABLE ET DES MOTIFS DE STRUCTURE INTEGRES**
[72] KEHLER, ALYSE, US
[72] MAHESHWARI, RICHA, US
[72] RANALLI, CHRIS, US
[72] STAUB, ANDREA J., US
[72] VAUGHAN, HEIDI, US
[71] NIKE INNOVATE C.V., US
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[25] EN
[54] **DETECTING OBJECTS WITHIN A VEHICLE IN CONNECTION WITH A SERVICE**
[54] **DETECTION D'OBJETS A L'INTERIEUR D'UN VEHICULE DANS LE CADRE D'UN SERVICE**
[72] BRADLEY, DAVID MCALLISTER, US
[72] VALOIS, JEAN-SEBASTIEN, US
[71] UBER TECHNOLOGIES, INC., US
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[30] US (14/708,611) 2015-05-11

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[25] EN
[54] **UPLINK DATA SPLITTING**
[54] **DIVISION DE DONNEES DE LIAISON MONTANTE**
[72] CAI, ZHIJUN, US
[71] BLACKBERRY LIMITED, CA
[85] 2017-11-09
[86] 2016-05-10 (PCT/US2016/031642)
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[25] EN
[54] **NUCLEIC ACID CONSTRUCTS AND GENE THERAPY VECTORS FOR USE IN THE TREATMENT OF WILSON DISEASE**
[54] **CONSTRUCTIONS D'ACIDE NUCLEIQUE ET VECTEURS DE THERAPIE GENIQUE DESTINES A ETRE UTILISES DANS LE TRAITEMENT DE LA MALADIE DE WILSON**
[72] MURILLO SAUCA, OIHANA, ES
[72] GONZALEZ ASEGUINOLAZA, GLORIA, ES
[72] HERNANDEZ ALCOCEBA, RUBEN, ES
[71] FUNDACION PARA LA INVESTIGACION MEDICA APLICADA, ES
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[51] **Int.Cl. A61B 17/34 (2006.01)**
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[54] **SURGICAL ACCESS DEVICE**
[54] **DISPOSITIF D'ACCES CHIRURGICAL**
[72] OKONIEWSKI, GREGORY, US
[72] CALAVAN, BRANDON, US
[72] EVANS, CHRISTOPHER KELLY, US
[72] BREINDEL, JAY, US
[72] CHALIL, NIZAMUDHEEN KALAKKUDI, IN
[71] COVIDIEN LP, US
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[30] US (62/161,930) 2015-05-15

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[51] **Int.Cl. B60B 3/04 (2006.01) B21D 22/16 (2006.01) B21D 53/30 (2006.01) B60B 21/02 (2006.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING A LIGHT-ALLOY HYBRID WHEEL INCLUDING A FRONT FLANGE AND A RIM**
[54] **PROCEDE DE FABRICATION D'UNE ROUE HYBRIDE EN ALLIAGE LEGER, COMPRENANT UN FLASQUE AVANT ET UNE JANTE**
[72] DI SERIO, EMILE THOMAS, FR
[72] DUPERRAY, LIONEL, FR
[71] SAINT JEAN INDUSTRIES, FR
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[51] **Int.Cl. B60B 3/04 (2006.01) B21D 22/16 (2006.01) B60B 21/02 (2006.01) B21D 53/30 (2006.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING A LIGHT-ALLOY HYBRID WHEEL INCLUDING A FRONT FLANGE AND A RIM**
[54] **PROCEDE DE FABRICATION D'UNE ROUE HYBRIDE EN ALLIAGE LEGER, COMPRENANT UN FLASQUE AVANT ET UNE JANTE**
[72] DI SERIO, EMILE THOMAS, FR
[72] DUPERRAY, LIONEL, FR
[71] SAINT JEAN INDUSTRIES, FR
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[54] **UTILITY VEHICLE**
[54] **VEHICULE UTILITAIRE**
[72] MILLER, ANDREW J., US
[72] FIELDS, JASON R., US
[72] WEBER, DANIEL, US
[72] KUHL, AMERY D., US
[72] FLICK, BRIAN N., US
[72] CARRUTH, CURTIS C., US
[72] PETERSON, SHAWN D., US
[72] BURT, DANIEL L., US
[72] ERSPAMER, BRENT A., US
[72] JOHNSON, CLINTON A., US
[72] SEIDEL, BRIAN, US
[72] BOHNSACK, MIKE, US
[72] RIPLEY, RICHARD D., US
[72] KOFSTAD, TRACY S., US
[72] BLACK-MACKEN, RYAN, US
[72] FRANKER, STEVEN R., US
[72] NYSSE, AARON J., US
[71] POLARIS INDUSTRIES INC., US
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[30] US (62/162,354) 2015-05-15

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[51] **Int.Cl. C09D 17/00 (2006.01) B01F 17/52 (2006.01)**
[25] EN
[54] **DISPERSING AIDS OR BLENDS THEREOF TO PREPARE UNIVERSAL COLORANTS FOR AQUEOUS AND NON-AQUEOUS PAINTS AND COATING**
[54] **AUXILIAIRES DE DISPERSION OU MELANGES DE CEUX-CI POUR PREPARER DES COLORANTS UNIVERSELS POUR PEINTURES AQUEUSES ET NON AQUEUSES ET REVETEMENT**
[72] ZHOU, LICHANG, US
[72] HUGHES, JOHN, US
[72] PAKENHAM, DEREK, US
[71] RHODIA OPERATIONS, FR
[85] 2017-11-09
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[51] **Int.Cl. A61B 17/42 (2006.01) A61B 17/28 (2006.01)**
[25] EN
[54] **ATRAUMATIC CERVICAL TENACULUM**
[54] **TENACULUM CERVICAL ATRAUMATIQUE**
[72] BENSON, MICHAEL, US
[72] BENSON, JULIA, US
[72] BENSON, BONNIE, US
[71] BENSON MEDICAL LLC, US
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[54] **PARALLEL PROCESSING FOR SOLUTION SPACE PARTITIONS**
[54] **TRAITEMENT PARALLELE PERMETTANT DES PARTITIONS D'UN ESPACE DE SOLUTIONS**
[72] BAILEY, THOMAS GLENN, US
[72] COLLETTI, BRUCE WILLIAM, US
[72] WAIT, ERIC CHARLES, US
[72] KING, ALEXANDER COLEMAN, US
[72] GANDHI, BHAVIN ASHITKUMAR, US
[71] COX AUTOMOTIVE, INC., US
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[54] **THIN FILM ADHESIVE LABELS AND METHODS OF MAKING THEREOF**
[54] **ETIQUETTES ADHESIVES SOUS FORME DE FILM MINCE ET LEURS PROCEDES DE FABRICATION**
[72] LUX, BENJAMIN D., US
[72] VOICECHOVSKI, NIKOLAI A., US
[72] HELLESTED, DEREK J., US
[71] ACTEGA NORTH AMERICA TECHNOLOGIES, INC., US
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[54] **SHAVING RAZOR CARTRIDGE**
[54] **CARTOUCHE POUR RASOIR**
[72] O'CONNOR, WILLIAM THOMAS, US
[72] JOLLEY, WILLIAM OWEN, US
[72] BRIDGES, KELLY DANIEL, US
[71] THE GILLETTE COMPANY LLC, US
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[54] **POSITIONING AID FOR SURGICAL PROCEDURES**
[54] **AIDE AU POSITIONNEMENT POUR INTERVENTIONS CHIRURGICALES**
[72] ORTMAIER, TOBIAS, DE
[72] MAJDANI, OMID, DE
[72] RAU, THOMAS STEPHAN, DE
[72] LENARZ, THOMAS, DE
[72] KOBLER, JAN-PHILIPP, DE
[72] KLUGE, MARCEL, DE
[72] JOHN, SAMUEL, DE
[71] HORSYS IP GMBH & CO. KG, DE
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[51] **Int.Cl. G06F 9/46 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MULTI-LEVEL REAL-TIME SCHEDULING ANALYSES**
[54] **SYSTEME ET PROCEDE D'ANALYSES DE PLANIFICATION EN TEMPS REEL MULTI-NIVEAUX**
[72] SYKES, GREGORY REED, US
[72] JONES, KEVIN, US
[72] LIAO, HONGWEI, US
[72] MANOLIOS, PANAGIOTIS, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-11-09
[86] 2016-05-13 (PCT/US2016/032241)
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[30] US (14/712,707) 2015-05-14

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[13] A1
[51] **Int.Cl. B65G 1/08 (2006.01) B65G 1/04 (2006.01) B65G 1/137 (2006.01)**
[25] EN
[54] **COMMISSIONING DEVICE AND PROCESS FOR OUTPUTTING PIECE GOODS USING THE COMMISSIONING DEVICE**
[54] **DISPOSITIF DE PREPARATION DE COMMANDES ET PROCEDE DE STOCKAGE DE MARCHANDISES AVEC LE DISPOSITIF DE PREPARATION DE COMMANDES**
[72] HELLENBRAND, CHRISTOPH, DE
[71] BECTON DICKINSON ROWA GERMANY GMBH, DE
[85] 2017-06-15
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[30] EP (15150566.6) 2015-01-09

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[13] A1
[51] **Int.Cl. A22C 25/08 (2006.01) A22C 25/12 (2006.01)**
[25] EN
[54] **FISH DELIVERY DEVICE, FISH-TRANSFER SYSTEM EQUIPPED WITH SAID FISH DELIVERY DEVICE AND METHOD FOR THE AUTOMATED DELIVERY OF FISH TO A FISH PROC ESSING DEVICE**
[54] **DISPOSITIF D'AMENEE DE POISSONS, SYSTEME DE TRANSFERT DE POISSONS EQUIPE DU DISPOSITIF D'AMENEE DE POISSONS ET PROCEDE D'AMENEE MECANIQUE DE POISSONS A UN DISPOSITIF DE TRAITEMENTDE POISSONS**
[72] PAULSOHN, CARSTEN, DE
[71] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG, DE
[85] 2017-11-10
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[51] **Int.Cl. H04L 1/18 (2006.01) H04L 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A MEMORY BUFFER SYSTEM IMPLEMENTED AT A SENDER STATION FOR THE FAST DATA TRANSPORT OVER A COMMUNICATION NETWORK, CORRESPONDINGLY ADAPTED APPARATUS TO PERFORMTHE METHOD, COMPUTER PROGRAM PRODUCT, AND COMPUTER PROGRAM**
[54] **PROCEDE D'EXPLOITATION D'UN SYSTEME DE MEMOIRE TAMPON IMPLEMENTE AU NIVEAU D'UNE STATION EMETTRICE POUR LE TRANSPORT RAPIDE DE DONNEES SUR UN RESEAU DE COMMUNICATION, APPAREIL CONCU DE FACON CORRESPONDANTE POUR METTRE EN □UVRE LE PROCEDE, PRODUIT PROGRAMME D'ORDINATEUR, ET PROGRAMME D'ORDINATEUR**
[72] SIEMENS, EDUARD, DE
[72] BAKHAREV, ALEKSANDR, DE
[71] HOCHSCHULE ANHALT, DE
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[86] 2015-05-30 (PCT/EP2015/025029)
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[51] **Int.Cl. B65B 9/08 (2012.01) B65B 41/12 (2006.01)**
[25] EN
[54] **PACKAGING DEVICE FOR DRUGS**
[54] **DISPOSITIF D'EMBALLAGE DE MEDICAMENTS**
[72] GROSS, DIETMAR, DE
[71] BECTON DICKINSON ROWA GERMANY GMBH, DE
[85] 2017-06-15
[86] 2016-01-13 (PCT/EP2016/050544)
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[30] EP (15151360.3) 2015-01-16

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[13] A1
[51] **Int.Cl. C12M 1/00 (2006.01) C07K 1/36 (2006.01)**
[25] EN
[54] **PROCESS CONTROL SYSTEM FOR REGULATING AND CONTROLLING A MODULAR PLANT FOR MANUFACTURING BIOPHARMACEUTICAL AND BIOLOGICAL MACROMOLECULAR PRODUCTS**
[54] **SYSTEME DE COMMANDE DE PROCESSUS POUR REGULER ET COMMANDER UNE INSTALLATION MODULAIRE DE PRODUCTION DE PRODUITS MACROMOLECULAIRES BIOPHARMACEUTIQUES ET BIOLOGIQUES**
[72] SCHWAN, PETER, DE
[72] LOBEDANN, MARTIN, DE
[72] BERNSHAUSEN, JENS, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2017-11-10
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[87] (WO2016/180798)
[30] EP (15167538.6) 2015-05-13

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[13] A1
[51] **Int.Cl. C12M 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR THE CONTINUOUS ELUTION OF A PRODUCT FROM CHROMATOGRAPHY COLUMNS**
[54] **PROCEDE POUR L'ELUTION EN CONTINU D'UN PRODUIT SUR DES COLONNES CHROMATOGRAPHIQUES**
[72] SCHWAN, PETER, DE
[72] BAUMARTH, KERSTIN, DE
[72] LOBEDANN, MARTIN, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
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[13] A1
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[25] EN
[54] **HUMAN PAPILLOMA VIRUS REPLICATION INHIBITORS**
[54] **INHIBITEURS DE REPLICATION DU VIRUS DU PAPILLOME HUMAIN**
[72] USTAV, MART SR., EE
[72] USTAV, ENE, EE
[72] MANNIK, ANDRES, EE
[72] TOOTS, MART, EE
[72] TOVER, ANDRES, EE
[71] ICOSAGEN CELL FACTORY OU, EE
[85] 2017-11-10
[86] 2016-05-11 (PCT/EP2016/060584)
[87] (WO2016/180892)
[30] US (62/159,572) 2015-05-11

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[13] A1
[51] **Int.Cl. H04W 8/26 (2009.01)**
[25] EN
[54] **NETWORK NODE, USER DEVICE AND METHODS THEREOF**
[54] **N□UD DE RESEAU, DISPOSITIF D'UTILISATEUR ET PROCEDES ASSOCIES**
[72] SOLDATI, PABLO, SE
[72] PEROTTI, ALBERTO GIUSEPPE, SE
[72] DU, YINGGANG, SE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-11-10
[86] 2015-08-12 (PCT/EP2015/068580)
[87] (WO2016/180501)
[30] EP (15167576.6) 2015-05-13

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[13] A1
[51] **Int.Cl. D21H 13/20 (2006.01) C08B 37/00 (2006.01) C08L 5/00 (2006.01)**
[25] EN
[54] **POLY ALPHA-1,3-GLUCAN FIBRIDS AND USES THEREOF AND PROCESSES TO MAKE POLY ALPHA-1,3-GLUCAN FIBRIDS**
[54] **FIBRIDES DE POLY ALPHA-1,3-GLUCANE ET LEURS UTILISATIONS ET PROCEDES DE PRODUCTION DE FIBRIDES DE POLY ALPHA-1,3-GLUCANE**
[72] BEHABTU, NATNAEL, US
[72] PAULLIN, JAYME L., US
[72] LEVIT, MIKHAIL R., US
[71] E I DU PONT DE NEMOURS AND COMPANY, US
[85] 2017-11-09
[86] 2016-05-19 (PCT/US2016/033249)
[87] (WO2016/196022)
[30] US (62/169,086) 2015-06-01

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[13] A1
[51] **Int.Cl. E03C 1/126 (2006.01) E03C 1/28 (2006.01)**
[25] EN
[54] **IMPROVED SELF-DISINFECTING DRAIN TRAP WITH COATING**
[54] **SIPHON AUTO-DESINFECTANT PERFECTIONNE DOTE D'UN REVETEMENT**
[72] SCHLUTTIG, ALEXANDER, DD
[71] SCHLUTTIG, ALEXANDER, DD
[85] 2017-11-10
[86] 2016-05-12 (PCT/EP2016/060767)
[87] (WO2016/184786)
[30] DE (10 2015 006 278.6) 2015-05-15

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[13] A1
[51] **Int.Cl. G01R 33/28 (2006.01) A61B 5/00 (2006.01) G01F 1/00 (2006.01) G01R 33/563 (2006.01)**
[25] EN
[54] **METHOD FOR OPTIMIZING THE PREDETERMINATION OF THE TIME PROFILE OF A CONTRAST AGENT CONCENTRATION IN DIAGNOSTIC IMAGING USING A MAGNETIC RESONANCE SYSTEM**
[54] **PROCEDE POUR OPTIMISER LA PREDETERMINATION DU PROFIL TEMPOREL DE CONCENTRATION EN AGENT DE CONTRASTE EN IMAGERIE DIAGNOSTIQUE EN UTILISANT UN SYSTEME DE RESONANCE MAGNETIQUE**
[72] ROHRER, MARTIN, DE
[72] JOST, GREGOR, DE
[72] PIETSCH, HUBERTUS, DE
[72] REISINGER, CLAUS-PETER, DE
[72] KRAMER, HARALD, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2017-11-10
[86] 2016-05-10 (PCT/EP2016/060371)
[87] (WO2016/180799)
[30] EP (15167568.3) 2015-05-13

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[13] A1
[51] **Int.Cl. A61K 31/4168 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **CLONIDINE AND/OR CLONIDINE DERIVATIVES FOR USE IN THE PREVENTION OF SKIN INJURY RESULTING FROM RADIOTHERAPY**
[54] **CLONIDINE ET/OU DERIVES DE CLONIDINE POUR UTILISATION DANS LA PREVENTION DE LESIONS CUTANEES RESULTANT D'UNE RADIOTHERAPIE**
[72] VASSEUR-DEMARCY, BERANGERE, FR
[72] ATTALI, PIERRE, FR
[71] MONOPAR THERAPEUTICS INC., US
[85] 2017-11-10
[86] 2016-05-10 (PCT/EP2016/060466)
[87] (WO2016/180834)
[30] EP (15305728.6) 2015-05-13

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[13] A1
[51] **Int.Cl. A47L 13/58 (2006.01)**
[25] EN
[54] **TORSION WRINGER HAVING LITTLE TRAVEL**
[54] **ESSOREUR A TORSION A FAIBLE COURSE**
[72] RUECKHEIM, MARKUS, DE
[72] MAST, CHRISTIAN, DE
[72] WEIS, NORBERT, DE
[72] DINGERT, UWE, DE
[72] WALLBAUM, REINER, DE
[72] HOHENHAUS, JOHANNES, DE
[71] CARL FREUDENBERG KG, DE
[85] 2017-11-10
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[87] (WO2016/180561)
[30] DE (10 2015 005 948.3) 2015-05-12

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[13] A1
[51] **Int.Cl. B23Q 11/00 (2006.01) B23Q 11/10 (2006.01)**
[25] EN
[54] **LUBRICATION SYSTEM COMPRISING A SPINDLE AND AN AEROSOL DISPENSER**
[54] **SYSTEME DE LUBRIFICATION COMPRENANT UNE BROCHE ET UN GENERATEUR D'AEROSOL**
[72] AYGUN, TALIP, DE
[72] AYGUN, YASAR, DE
[71] KNOLL MASCHINENBAU GMBH, DE
[85] 2017-11-10
[86] 2016-05-13 (PCT/EP2016/060821)
[87] (WO2016/180962)
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[51] **Int.Cl. C09K 8/54 (2006.01) B01D 53/14 (2006.01) B01D 53/52 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHOD FOR SCAVENGING SULFIDES AND MERCAPTANS**
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[71] CLARIANT INTERNATIONAL LTD, CH
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[54] **CLOSURE SYSTEM FOR BOTTLES COMPRISING A STOPPER AND A SEALING ELEMENT**
[54] **SYSTEME DE FERMETURE DE BOUTEILLES COMPRENANT UN BOUCHON ET UN ELEMENT D'ETANCHEITE**
[72] LANGELAAN, PIETER HENDERIKUS, AD
[71] LANGELAAN, PIETER HENDERIKUS, AD
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[54] **COMPOSITIONS COMPRISING AT LEAST ONE POLYOL AND AT LEAST ONE ANAESTHETIC**
[54] **COMPOSITIONS COMPRENANT AU MOINS UN POLYOL ET AU MOINS UN ANESTHESIQUE**
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[72] BON BETEMPS, JEREMIE, FR
[71] LABORATOIRES VIVACY, FR
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[25] EN
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[54] **SEL (S)-CSA DE S-KETAMINE, SEL (R)-CSA DE S-KETAMINE ET PROCEDES PERMETTANT LA PREPARATION DE S-KETAMINE**
[72] FLOEGEL, OLIVER, CH
[72] JUSTUS, MICHAEL, CH
[72] MAURER, ADRIAN, CH
[72] REUTER, KARL, DE
[72] STRITTMATTER, TOBIAS, DE
[72] WEDEL, TOBIAS, DE
[72] CHEN, CHENG YI, CH
[71] JANSSEN PHARMACEUTICA NV, BE
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[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/30 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **T CELL RECRUITING POLYPEPTIDES BASED ON TCR ALPHA/BETA REACTIVITY**
[54] **POLYPEPTIDES DE RECRUTEMENT DE LYMPHOCYTES T SUR LA BASE DE LA REACTIVITE DU TCR ALPHA/BETA**
[72] ROOBROUCK, ANNELIES, BE
[72] VAN HOORICK, DIANE, BE
[72] VIEIRA, JOAO, GB
[71] ABLYNX N.V., BE
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[54] **VIS A ARETES TARAUDEUSES INTERROMPUES**
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[72] WUNDERLICH, ANDREAS, DE
[71] ADOLF WURTH GMBH & CO.KG, DE
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[51] **Int.Cl. A61K 38/17 (2006.01) A61K 39/395 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **T CELL RECRUITING POLYPEPTIDES BASED ON CD3 REACTIVITY**
[54] **POLYPEPTIDES RECRUTANT DES LYMPHOCYTES T SUR LA BASE DE LA REACTIVITE DE CD3**
[72] ROOBROUCK, ANNELIES, BE
[72] VAN HOORICK, DIANE, BE
[72] VIEIRA, JOAO, GB
[71] ABLYNX N.V., BE
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[25] EN
[54] **PACKAGING LABEL AND METHOD FOR LABELLING A PACKAGE**
[54] **ETIQUETTE D'EMBALLAGE ET PROCEDE D'ETIQUETAGE D'UN EMBALLAGE**
[72] CAIRONI, MARIO, IT
[72] CARVELLI, MARCO, IT
[72] IACCHETTI, ANTONIO, IT
[72] DELL'ERBA, GIORGIO, IT
[71] FONDAZIONE ISTITUTO ITALIANO DI TECNOLOGIA, IT
[71] POLITECNICO DE MILANO, IT
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[25] EN
[54] **WATER MANAGEMENT SYSTEMS FOR FENESTRATION PRODUCTS**
[54] **SYSTEMES DE GESTION D'EAU DESTINES AUX PRODUITS DE FENESTRATION**
[72] VOS, JARON, US
[72] JUNGLING, JASON, US
[72] MEYER, GARRETT, US
[72] RAHN, JON, US
[71] PELLA CORPORATION, US
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[51] **Int.Cl. F04D 15/00 (2006.01) E21B 43/12 (2006.01) F04D 13/10 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR INJECTING A CHEMICAL TO FACILITATE OPERATION OF A SUBMERSIBLE WELL PUMP**
[54] **APPAREIL ET PROCEDE POUR INJECTER UN PRODUIT CHIMIQUE AFIN DE FACILITER LE FONCTIONNEMENT D'UNE POMPE DE PUITS SUBMERSIBLE**
[72] REID, LESLIE C., US
[72] KIRK, JORDAN, US
[72] MESSER, BRIAN W., US
[72] ALLRED, GARY, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] **FLEXIBLY PLANNED KITTED KNEE PROTOCOL**
[54] **PROTOCOLE DE GENOU EN KIT PLANIFIE DE FACON FLEXIBLE**
[72] BROWN, DAVID R., US
[72] UTHGENANNT, BRIAN, US
[72] METZGER, ROBERT, US
[71] BIOMET MANUFACTURING, LLC, US
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[13] A1
[51] **Int.Cl. B61L 1/02 (2006.01) B61L 1/16 (2006.01) E01B 26/00 (2006.01)**
[25] EN
[54] **DEVICE FOR FASTENING TRACKSIDE MODULES TO RAILS**
[54] **DISPOSITIF POUR FIXER DES MODULES DE BORD DE VOIE A DES RAILS**
[72] GORNIOCZEK, MAREK, PL
[72] RADWANSKI, WOJCIECH, PL
[72] SZCZEPONIK, ADAM, PL
[72] ZIELINSKI, DARIUSZ, PL
[72] MAZUR, MATEUSZ, PL
[72] STEPIEN, ANDRZEJ, PL
[72] SAWODNI, ALEKSANDRA, PL
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[51] **Int.Cl. A61C 8/00 (2006.01)**
[25] EN
[54] **INSERTION KIT FOR AN ENDOSSEOUS SINGLE-TOOTH IMPLANT**
[54] **JEU D'INSERTION POUR IMPLANT DENTAIRE INDIVIDUEL INTRA-OSSEUX**
[72] DURR, WALTER, DE
[71] EPIPHANOSTICS GMBH, DE
[85] 2017-11-10
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[25] EN
[54] **MULTILAYER MEDIA BED FILTER WITH IMPROVED BACKWASH**
[54] **FILTRE A LIT DE MILIEU MULTICOUCHE AVEC LAVAGE A CONTRE-COURANT AMELIORE**
[72] SILVERWOOD, ALAIN, CA
[72] BOSISIO, MARCO, CA
[71] NEPTUNE-BENSON, LLC, US
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[25] EN
[54] **NOVEL AZETIDINE DERIVATIVES USEFUL AS MODULATORS OF CORTICAL CATHECOLAMINERGIC NEUROTRANSMISSION**
[54] **NOUVEAUX DERIVES D'AZETINE UTILES COMME MODULATEURS DE LA NEUROTRANSMISSION CATHECOLAMINERGIQUE CORTICALE**
[72] PETTERSSON, FREDRIK (DECEASED), SE
[72] SONESSON, CLAS, SE
[71] INTEGRATIVE RESEARCH LABORATORIES SWEDEN AB, SE
[85] 2017-11-10
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[51] **Int.Cl. G07F 17/32 (2006.01)**
[25] EN
[54] **NOVEL GAMING TABLE, NOVEL EVENT GENERATOR AND METHOD OF ALTERING UNDERLYING GAMES ON THE GAME TABLE**
[54] **TABLE DE JEU INNOVANTE, GENERATEUR D'EVENEMENTS INNOVANT ET PROCEDE D'ALTERATION DE JEUX SOUS-JACENTS SUR LA TABLE DE JEU**
[72] LITMAN, MARK A., US
[71] LITMAN, MARK A., US
[85] 2017-11-09
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[30] US (14/829,800) 2015-08-19
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[51] **Int.Cl. G01N 33/543 (2006.01)**
[25] EN
[54] **SENSOR DEVICE**
[54] **DISPOSITIF CAPTEUR**
[72] VAN ROY, WILLEM, BE
[72] STAKENBORG, TIM, BE
[72] COVENS, KRIS, BE
[71] IMEC VZW, BE
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[51] **Int.Cl. G09B 19/00 (2006.01) G09B 19/24 (2006.01)**
[25] FR
[54] **METHOD OF LEARNING CUTTING BY COMBINING SIMULATION ENTITIES, AND HYBRID IMPLEMENTATION PLATFORM**
[54] **PROCEDE D'APPRENTISSAGE A LA COUPE PAR COMBINAISON D'ENTITES DE SIMULATION AINSI QUE PLATEFORME HYBRIDE DE MISE EN OEUVRE**
[72] ALEXANDRE, JEAN PIERRE, FR
[72] SANCHEZ, DAVID, FR
[72] BAELI, FABRICE, FR
[71] AGENCE NATIONALE POUR LA FORMATION PROFESSIONNELLE DES ADULTES - AFPA, FR
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[51] **Int.Cl. E21B 33/127 (2006.01)**
[25] EN
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[54] **BARRIERE ANNULAIRE AYANT UN TUBULAIRE DE FOND DE TROU EXPANSIBLE**
[72] VASQUES, RICARDO REVES, DK
[72] MASSEY, DEAN RICHARD, DK
[71] WELLTEC A/S, DK
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[30] EP (15173632.9) 2015-06-24

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[13] A1
[51] **Int.Cl. A61B 5/15 (2006.01) A61B 5/151 (2006.01) A61B 5/155 (2006.01)**
[25] EN
[54] **BIOLOGICAL FLUID COLLECTION DEVICE**
[54] **DISPOSITIF DE COLLECTE DE LIQUIDE BIOLOGIQUE**
[72] WILKINSON, BRADLEY M., US
[72] NEWBY, C. MARK, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2017-11-09
[86] 2016-08-04 (PCT/US2016/045511)
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[51] **Int.Cl. A61K 31/565 (2006.01) A61K 31/567 (2006.01)**
[25] EN
[54] **A LONG ACTING DRUG DELIVERY DEVICE AND ITS USE IN CONTRACEPTION**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT A ACTION PROLONGEE ET SON UTILISATION DANS LA CONTRACEPTION**
[72] HOLMBERG, SVANTE, FI
[72] TALLING, CHRISTINE, FI
[71] BAYER OY, FI
[85] 2017-11-10
[86] 2016-05-09 (PCT/EP2016/060298)
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[30] EP (15167521.2) 2015-05-13

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[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-TRANSFERRIN RECEPTOR ANTIBODIES WITH TAILORED AFFINITY**
[54] **ANTICORPS ANTI-RECEPTEUR DE LA TRANSFERRINE AVEC UNE AFFINITE ADAPTEE**
[72] DENGL, STEFAN, DE
[72] GEORGES, GUY, DE
[72] GOEPFERT, ULRICH, DE
[72] NIEWOEHNER, JENS, DE
[72] SCHLOTHAUER, TILMAN, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[25] EN
[54] **MEDICAL DEVICE SYSTEM AND METHOD HAVING A DISTRIBUTED DATABASE**
[54] **SYSTEME ET PROCEDE DE DISPOSITIF MEDICAL COMPRENANT UNE BASE DE DONNEES DISTRIBUEE**
[72] LOFGREN, PAR, SE
[72] HOBRO, STURE, SE
[72] NILSSON, ROGER, SE
[72] PERSSON, ROLAND, SE
[72] RIDELL, PETER, SE
[71] GAMBRO LUNDIA AB, SE
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[86] 2016-06-22 (PCT/EP2016/064392)
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[51] **Int.Cl. B65D 75/32 (2006.01) A24F 47/00 (2006.01)**
[25] EN
[54] **A BLISTER CAPSULE, AND CONTAINER, FOR AN AEROSOL-GENERATING SYSTEM**
[54] **CAPSULE D'EMBALLAGE-COQUE, ET RECIPIENT, DESTINES A UN SYSTEME DE GENERATION D'AEROSOL**
[72] BUEHLER, FREDERIC ULYSSE, CH
[72] BATISTA, RUI NUNO, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2017-11-10
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[25] EN
[54] **SOUND TRANSDUCER ASSEMBLY WITH A MEMS SOUND TRANSDUCER**
[54] **ENSEMBLE DE TRANSDUCTEUR DE SON DOTE D'UN TRANSDUCTEUR DE SON MEMS**
[72] RUSCONI CLERICI, ANDREA, DE
[72] BOTTONI, FERRUCCIO, AT
[71] USOUND GMBH, AT
[85] 2017-11-10
[86] 2016-05-10 (PCT/EP2016/060426)
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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **AEROSOL-GENERATING SYSTEM AND AEROSOL-GENERATING ARTICLE FOR USE IN SUCH A SYSTEM**
[54] **SYSTEME DE GENERATION D'AEROSOL ET ARTICLE DE GENERATION D'AEROSOL DESTINE A ETRE UTILISE DANS UN TEL SYSTEME**
[72] MIRONOV, OLEG, CH
[72] ZINOVIK, IHAR NIKOLAEVICH, CH
[72] FURSA, OLEG, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[25] EN
[54] **CIRCUIT BOARD MODULE WITH A CONTINUOUS RECESS AND A RELATED SOUND TRANSDUCER ASSEMBLY AND A MANUFACTURING METHOD**
[54] **MODULE A CARTE DE CIRCUIT IMPRIME MUNI D'UN EVIDEMENT TRAVERSANT, ENSEMBLE TRANSDUCTEUR ACOUSTIQUE ASSOCIE ET PROCEDE DE FABRICATION**
[72] RUSCONI CLERICI, ANDREA, DE
[72] BOTTONI, FERRUCCIO, AT
[71] USOUND GMBH, AT
[85] 2017-11-10
[86] 2016-05-10 (PCT/EP2016/060479)
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[13] A1
[51] **Int.Cl. B65F 1/14 (2006.01) B65F 1/02 (2006.01) B65F 1/12 (2006.01) B65F 1/16 (2006.01) B65F 1/00 (2006.01)**
[25] EN
[54] **IMPROVED SKIP**
[54] **SAUT AMELIORE**
[72] RAE, JOHN PAUL, GB
[71] HARBEN EMARAND LIMITED, GB
[85] 2017-11-10
[86] 2015-05-13 (PCT/GB2015/051398)
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[30] GB (1408433.9) 2014-05-13

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[51] **Int.Cl. E21B 33/038 (2006.01)**
[25] EN
[54] **CONNECTOR SYSTEM**
[54] **SYSTEME DE CONNECTEUR**
[72] CANNY, STEVEN ALLAN, GB
[72] FOUBISTER, GRAEME, GB
[72] UDUMA, CHIKA MBA, GB
[71] WEATHERFORD U.K. LIMITED, GB
[85] 2017-11-10
[86] 2016-06-20 (PCT/GB2016/051843)
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[51] **Int.Cl. E04F 15/024 (2006.01)**
[25] EN
[54] **SUPPORTING SYSTEM FOR ABOVE-GROUND FLOORING**
[54] **SYSTEME DE SUPPORT POUR REVETEMENT DE SOL SURELEVE**
[72] CIPRIANI, ZENO, IT
[71] DAKOTA GROUP S.A.S. DI ZENO CIPRIANI & C., IT
[85] 2017-11-10
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[25] EN
[54] **A LIGHT PANEL SHADE**
[54] **ABAT-JOUR DE PANNEAU LUMINEUX**
[72] CLAIRE, JULIE, GB
[71] JULIE CLAIRE COMPANY LIMITED, GB
[85] 2017-11-10
[86] 2015-05-22 (PCT/IB2015/053794)
[87] (WO2015/177771)
[30] GB (1409275.3) 2014-05-23
[30] GB (1501484.8) 2015-01-29

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[51] **Int.Cl. B29D 11/00 (2006.01) B29C 45/04 (2006.01) B29C 45/26 (2006.01)**
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[54] **MOULAGE PAR COULEE DE LENTILLES DE CONTACT TORIQUES**
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[72] BARRILE-JOSEPHSON, CRAIG A., US
[71] BAUSCH & LOMB INCORPORATED, US
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[54] **AIR SPRING WITH DAMPING CHARACTERISTICS FOR HEAVY-DUTY VEHICLES**
[54] **RESSORT PNEUMATIQUE A CARACTERISTIQUES D'AMORTISSEMENT POUR VEHICULES UTILITAIRES LOURDS**
[72] KEELER, MICHAEL J., US
[72] ZAWACKI, JEFF R., US
[72] WESTNEDGE, ANDREW J., US
[72] RAMUS, JASON M., US
[72] ANDREASEN, JACOB, US
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[71] HENDRICKSON USA, L.L.C., US
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[54] **FLUIDES DE PUITS DE FORAGE ASSURANT UNE STABILITE ACCRUE ET UN COUPLE REDUIT AUX PUITS DE FORAGE**
[72] FRIEDHEIM, JAMES, US
[72] MANESCU, GABRIEL, US
[71] M-I L.L.C., US
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[54] **SYSTEMS AND METHODS FOR UPDATING A DISTRIBUTED LEDGER BASED ON PARTIAL VALIDATIONS OF TRANSACTIONS**
[54] **SYSTEMES ET PROCEDES DE MISE A JOUR D'UN REGISTRE REPARTI SUR LA BASE DE VALIDATIONS PARTIELLES DE TRANSACTIONS**
[72] ARNOLD, MATTHEW TIMOTHY, GB
[72] NAEEM, ZARTASHA, GB
[71] GOLDMAN SACHS & CO. LLC, US
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[54] **TECHNIQUES FOR PREDICTING PERCEPTUAL VIDEO QUALITY**
[54] **TECHNIQUES DE PREDICTION DE QUALITE VIDEO PERCEPTUELLE**
[72] AARON, ANNE, US
[72] KIM, DAE, US
[72] LIN, YU-CHIEH, US
[72] RONCA, DAVID, US
[72] SCHULER, ANDY, US
[72] TSAO, KUYEN, US
[72] WU, CHI-HAO, US
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[54] **PILE ALCALINE AVEC UNE EFFICACITE DE DECHARGE AMELIOREE**
[72] ARMACANQUI, M. EDGAR, US
[72] LI, WEN, US
[72] CROWE, DONALD RAYMOND, US
[72] ROSZKOWSKI, ANDREW J., US
[72] HADLEY, JOHN, US
[72] ROSE, JANNA, US
[71] SPECTRUM BRANDS, INC., US
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[54] **REVERSE EMULSIONS FOR CAVITY CONTROL**
[54] **EMULSIONS INVERSES POUR CONTROLE DE CAVITE**
[72] JACOBSON, KATHLENE LAURIE, US
[72] THIELE, CAM, US
[72] RINAS, SHELDON, US
[72] HEINBIGNER, CAREY, US
[71] THE MOSAIC COMPANY, US
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[54] **METHODS AND SYSTEMS FOR USING A CONSUMER IDENTITY TO PERFORM ELECTRONIC TRANSACTIONS**
[54] **PROCEDES ET SYSTEMES POUR UTILISER UNE IDENTITE DE CONSOMMATEUR POUR EFFECTUER DES TRANSACTIONS ELECTRONIQUES**
[72] KHAN, MOHAMMAD, US
[72] NARASIMHAN, ASHOK, US
[72] MELTON, WILLIAM N., US
[71] OMNYPAY, INC., US
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[54] **METHOD AND SYSTEM FOR DETERMINING A STATUS OF ONE OR MORE TANKS IN A PARTICULAR LOCATION**
[54] **PROCEDE ET SYSTEME PERMETTANT DE DETERMINER UN ETAT D'UN OU DE PLUSIEURS RESERVOIRS DANS UN EMPLACEMENT PARTICULIER**
[72] SUNDHEIMER, BRENT JAMES, US
[72] HEINIGER, PAUL, US
[72] ALPHENAAR, DEIRDRE, US
[71] GENSCAPE INTANGIBLE HOLDING, INC., US
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[54] **PROCESS FOR PRODUCING POLYIMIDES**
[54] **PROCEDE DE PREPARATION DE POLYIMIDES**
[72] UNTERLASS, MIRIAM MARGARETHE, AT
[72] BAUMGARTNER, BETTINA, AT
[71] TECHNISCHE UNIVERSITAT WIEN, AT
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[25] EN
[54] **MAGNETIC CIRCUIT FOR PRODUCING A CONCENTRATED MAGNETIC FIELD**
[54] **CIRCUIT MAGNETIQUE POUR PRODUIRE UN CHAMP MAGNETIQUE CONCENTRE**
[72] PREMARATNE, MALIN, AU
[72] HANDAPANGODA, CHINTHA, AU
[72] FITZGERALD, PAUL, AU
[72] LEWIS, PHILIP, AU
[72] THOMSON, RICHARD, AU
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[54] **SYSTEME NUTRITIF**
[72] KEATING, PETER JAMES, AU
[71] BIOCARB PTY LTD, AU
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[25] FR
[54] **INTERMEDIATE CASING HUB FOR AN AIRCRAFT TURBOJET ENGINE INCLUDING A COMPOSITE OUTLET PIPE**
[54] **MOYEU DE CARTER INTERMEDIAIRE POUR TURBOREACTEUR D'AERONEF COMPORTANT UN CONDUIT DE DECHARGE COMPOSITE**
[72] LACROIX, FLORIAN BENJAMIN KEVIN, FR
[72] MATHIAS, CYRILLE FRANCOIS ANTOINE, FR
[72] TEXIER, IDALINE FRANCOISE CHANTAL, FR
[72] BLAISE, MAXIME MARIE DESIREE, FR
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[54] **ADDITIVES FOR WET HEATING AND COOLING SYSTEMS**
[54] **ADDITIFS POUR SYSTEMES DE CHAUFFAGE ET DE REFROIDISSEMENT A EAU**
[72] WILSON, ROBERT, GB
[71] ENDO ENTERPRISES (UK) LTD, GB
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[54] **SYNTHETIC OR NATURAL FIBER MATTRESS WITH ENHANCED COMPRESSION RESISTANCE**
[54] **MATELAS EN FIBRES SYNTHETIQUES OU NATURELLES PRESENTANT UNE RESISTANCE A LA COMPRESSION AMELIOREE**
[72] ZOLTAN, ALVIN, CA
[72] SAVEL, MARK, US
[72] CORVESE, MARK, US
[71] THERAPEDIC OF NEW ENGLAND LLC, US
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[51] **Int.Cl. E21B 29/06 (2006.01) E21B 17/10 (2006.01) E21B 29/00 (2006.01)**
[25] EN
[54] **CUTTER ASSEMBLY FOR CUTTING A TUBULAR, BOTTOM HOLE ASSEMBLY COMPRISING SUCH A CUTTER ASSEMBLY AND METHOD OF CUTTING A TUBULAR**
[54] **ENSEMBLE DE COUPE POUR COUPER UN MATERIEL TUBULAIRE, ENSEMBLE DE FOND DE TROU COMPRENANT LEDIT ENSEMBLE DE COUPE ET PROCEDE DE COUPE D'UN MATERIEL TUBULAIRE**
[72] HAQ, MOHAMMED ALEEMUL, US
[72] SEGURA, RICHARD J., US
[72] TEALE, DAVID W., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[51] **Int.Cl. B05B 3/10 (2006.01)**
[25] EN
[54] **COATING APPARATUS TURBINE HAVING INTERNALLY ROUTED SHAPING AIR**
[54] **TURBINE D'APPAREIL DE REVETEMENT COMPORTANT DE L'AIR DE MISE EN FORME ACHEMINE INTERIEUREMENT**
[72] VAN DER STEUR, GUNNAR, US
[72] CICHOCKI, JOSEPH P., US
[72] FLEMING, LANCE W., JR., US
[71] EFC SYSTEMS, INC., US
[85] 2017-11-10
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[51] **Int.Cl. G06F 19/10 (2011.01) G06F 19/12 (2011.01) G01N 33/48 (2006.01)**
[25] EN
[54] **GENETIC MARKERS FOR SUICIDE RISK AND RELATED METHODS**
[54] **MARQUEURS GENETIQUES DU RISQUE DE SUICIDE ET PROCEDES ASSOCIES**
[72] ZAI, CLEMENT C., CA
[72] KENNEDY, JAMES L., CA
[71] CENTRE FOR ADDICTION AND MENTAL HEALTH, CA
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[51] **Int.Cl. B60G 7/00 (2006.01)**
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[54] **TORQUE ROD FOR VEHICLE SUSPENSION**
[54] **BARRE DE TORSION POUR UNE SUSPENSION DE VEHICULE**
[72] KEELER, MICHAEL J., US
[72] ZAWACKI, JEFFREY R., US
[72] MASSA, SCOTT A., US
[72] FUGITT, JASON C., US
[72] KOWALSKI, MATTHEW D., US
[71] HENDRICKSON USA, L.L.C., US
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[25] EN
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[54] **CAPUCHON DE DISPOSITIF DE FIXATION POUR ENVELOPPE DE PROTECTION POUR BOIS D'OEUVRE**
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[72] OMLI, DOUG K., US
[71] ALLAN OMLI, LLC, US
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[30] US (62/169,842) 2015-06-02

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[54] **SOLVENT AND METHOD FOR REMOVING ACID GASES FROM A GASEOUS MIXTURE**
[54] **SOLVANT ET PROCEDE PERMETTANT D'ELIMINER DES GAZ ACIDES D'UN MELANGE GAZEUX**
[72] BUMB, PRATEEK, GB
[72] NEELIESETTY, GOPI KIRAN, IN
[71] CARBON CLEAN SOLUTIONS LIMITED, GB
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[25] EN
[54] **METHOD AND SYSTEM OF VACUUM LOADING**
[54] **PROCEDE ET SYSTEME DE CHARGEMENT SOUS VIDE**
[72] MILLER, ROBBIE, CA
[72] CORTURILLO, JOSEPH, CA
[71] WITTMANN CANADA INC., CA
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[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **CARTRIDGE FOR PREPARING A LIQUID PRODUCT, AND METHOD FOR PRODUCTION THEREOF**
[54] **CARTOUCHE POUR LA PREPARATION D'UN PRODUIT LIQUIDE ET SON PROCEDE DE PRODUCTION**
[72] CABILLI, ALBERTO, IT
[72] BOLOGNESE, DANILO, IT
[72] BORELLO, LUISA, IT
[71] LUIGI LAVAZZA S.P.A., IT
[85] 2017-11-07
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[87] (WO2017/029565)
[30] IT (102015000045300) 2015-08-19

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[51] **Int.Cl. A61K 31/7088 (2006.01) C12N 15/113 (2010.01) A61P 11/06 (2006.01)**
[25] EN
[54] **GATA-3 INHIBITORS FOR USE IN THE TREATMENT OF TH2-DRIVEN ASTHMA**
[54] **INHIBITEURS DU GATA-3 DESTINES A ETRE UTILISES DANS LE TRAITEMENT DE L'ASTHME PROVOQUE PAR LES TH2**
[72] BILLE, JOACHIM, DE
[72] RENZ, JONAS, DE
[71] STERNA BIOLOGICALS GMBH & CO. KG, DE
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[51] **Int.Cl. E01C 9/08 (2006.01) E01C 5/18 (2006.01) E01D 15/12 (2006.01)**
[25] EN
[54] **REINFORCED RUBBER GROUND COVER MAT**
[54] **TAPIS DE REVETEMENT DE SOL EN CAOUTCHOUC RENFORCE**
[72] CHAMPAGNE, ALAN ROLLAND, CA
[71] CHAMPAGNE EDITION INC., CA
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[30] US (62/165,538) 2015-05-22

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[13] A1
[51] **Int.Cl. A61K 36/9068 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **USE OF GINSENG EXTRACT, GINSENOSIDE AND GINSENOSIDE DERIVATIVE IN THE PREPARATION OF MEDICINE OR HEALTH CARE PRODUCT FOR TREATING CYTOMEGALOVIRUS INFECTION DISORDERS**
[54] **UTILISATION D'UN EXTRAIT DE GINSENG, D'UN GINSENOSIDE ET D'UN DERIVE DE GINSENOSIDE DANS LA PREPARATION D'UN MEDICAMENT OU D'UN PRODUIT DE SOINS DE SANTE PERMETTANT DE TRAITER DES TROUBLES ASSOCIES A UNE INFECTION PAR DES CYTOMEGALOVIRUS**
[72] FU, LI, CN
[72] WANG, KAIQIAN, CN
[72] HUI, MIN, CN
[72] LI, FAN, CN
[72] FAN, HONGYU, CN
[72] WANG, SHUO, CN
[71] FU, LI, CN
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[51] **Int.Cl. A01K 13/00 (2006.01) A44B 11/00 (2006.01) B68C 5/00 (2006.01)**
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[54] **A CLOSURE SYSTEM FOR THE FRONT END OF A HORSE RUG**
[54] **SYSTEME DE FERMETURE POUR L'EXTREMITE AVANT D'UNE CHABRAQUE**
[72] MACGUINNESS, THOMAS JOSEPH, IE
[71] HORSEWARE PRODUCTS LTD, IE
[85] 2017-11-09
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[30] GB (1508391.8) 2015-05-15

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[51] **Int.Cl. F42D 1/00 (2006.01) F42D 1/05 (2006.01) F42D 1/06 (2006.01)**
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[54] **SYSTEME DE COMMANDE DE DETONATEUR**
[72] LIEBENBERG, ABRAHAM JOHANNES, ZA
[72] KRUGER, MICHIEL JACOBUS, ZA
[72] WHYTE, ALDAINE, ZA
[71] DETNET SOUTH AFRICA (PTY) LTD, ZA
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[30] ZA (2015/03270) 2015-05-12

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[51] **Int.Cl. G06F 3/0484 (2013.01)**
[25] EN
[54] **INFORMATION PROCESSING METHOD, TERMINAL, AND COMPUTER STORAGE MEDIUM**
[54] **METHODE DE TRAITEMENT DE L'INFORMATION, TERMINAL ET SUPPORT DE STOCKAGE INFORMATIQUE**
[72] CHEN, YU, CN
[72] TANG, YONG, CN
[72] GONG, WEI, CN
[72] WENG, JIANMIAO, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2017-11-14
[86] 2016-05-04 (PCT/CN2016/081051)
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[30] CN (201510633319.2) 2015-09-29

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[25] EN
[54] **METHOD FOR RECONFIGURING DATA BEARER AND USER EQUIPMENT**
[54] **PROCEDE DE RECONFIGURATION DE PORTEUSE DE DONNEES, ET EQUIPEMENT D'UTILISATEUR**
[72] XIAO, FANGYING, CN
[72] LIU, RENMAO, CN
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2017-11-14
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[30] CN (201510250719.5) 2015-05-15

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[51] **Int.Cl. C25B 11/12 (2006.01)**
[25] EN
[54] **ELECTRODE**
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[72] SCHELCH, MICHAEL, AT
[72] STABER, WOLFGANG, AT
[72] HERMANN, ROBERT, AT
[72] WESNER, WOLFGANG, AT
[71] PRO AQUA DIAMANTELEKTRODEN PRODUKTION GMBH & CO KG, AT
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[30] AT (A50404/2015) 2015-05-18

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[13] A1
[51] **Int.Cl. B01D 46/10 (2006.01)**
[25] EN
[54] **A FILTER HOUSING FOR AN AIR VENTILATION SYSTEM**
[54] **BOITIER DE FILTRE POUR SYSTEME DE VENTILATION D'AIR**
[72] ADDINGTON, RICHARD, CN
[71] CAMFIL AB, SE
[85] 2017-11-14
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[51] **Int.Cl. B65G 11/08 (2006.01) B65G 11/12 (2006.01) B65G 45/22 (2006.01)**
[25] EN
[54] **CONVEYOR BELT SYSTEM FOR TRANSPORTING A FOOD PRODUCT, AND A METHOD FOR CLEANING A CONVEYOR BELT IN A CONVEYOR BELT SYSTEM**
[54] **SYSTEME DE COURROIE TRANSPORTEUSE POUR LE TRANSPORT D'UN PRODUIT ALIMENTAIRE, ET PROCEDE DE NETTOYAGE D'UNE COURROIE TRANSPORTEUSE DANS UN SYSTEME DE COURROIE TRANSPORTEUSE**
[72] OLSON, MICHAEL, US
[72] KEIM, NATHAN, US
[72] JOHNSON, KYLE, US
[71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
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[54] **DEROULEUSE A BOIS**
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[71] HANSES SAGEWERKSTECHNIK GMBH & CO. KG, DE
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[54] **DESODORISANT POUR VEHICULES**
[72] GOBBER, CEDRIC, ES
[72] GUIU PONT, JORDI, ES
[71] ZOBELE HOLDING S.P.A., IT
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[54] **RECOUVREMENT NUMERIQUE D'UNE IMAGE AVEC UNE AUTRE IMAGE**
[72] HUBO, ERIK JOZEF BENOIT, CH
[72] DE ROOS, BERNARDUS, CH
[72] DE ROOS, DANIEL BERNARD, CH
[71] AIM SPORT VISION AG, CH
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[54] **ARTICLE ET APPAREIL DE GENERATION D'UN AEROSOL**
[72] FROBISHER, PAUL, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2017-11-14
[86] 2016-05-12 (PCT/EP2016/060752)
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[54] **COMMANDE DE TRANSFERT D'ENERGIE BIDIRECTIONNELLE**
[72] WILLIAMS, DEAN, GB
[72] EMPRINGHAM, LEE, GB
[72] DE LILLO, LILIANA, GB
[71] ITT MANUFACTURING ENTERPRISES LLC, US
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[54] **INK BASED ON NANOPARTICLES OF SILVER**
[72] DELPONT, NICOLAS, FR
[72] VERSINI, CORINNE, FR
[72] EL QACEMI, VIRGINIE, FR
[72] STAELENS, GREGOIRE, FR
[72] KAUFFMAN, LOUIS-DOMINIQUE, FR
[71] GENES'INK SA, FR
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[54] **RECIRCULATION FUEL CELL**
[54] **PILE A COMBUSTIBLE A RECIRCULATION**
[72] KRUMMRICH, STEFAN, DE
[72] POMMER, HANS, DE
[71] THYSSENKRUPP MARINE SYSTEMS GMBH, DE
[71] THYSSENKRUPP AG, DE
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[54] **FUEL CELL STACK**
[54] **EMPILEMENT DE PILES A COMBUSTIBLE**
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[72] YASUTAKE, AKIRA, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **DISPOSITIF ADAPTE POUR ETRE INGERE ET SYSTEME ASSOCIE**
[72] BOUCHOUCHA, MICHEL, FR
[71] UNIVERSITE PARIS DESCARTES, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
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[54] **PROCEDE DE PRODUCTION DE FLUIDES HYDROCARBURES BIODEGRADABLES**
[72] GERMANAUD, LAURENT, FR
[72] DOUCET, CLARISSE, FR
[71] TOTAL MARKETING SERVICES, FR
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[54] **PROCESS FOR THE PRODUCTION OF BIODEGRADABLE HYDROCARBON FLUIDS BY HYDROGENATION**
[54] **PROCEDE DE PRODUCTION DE FLUIDES A BASE D'HYDROCARBURES BIODEGRADABLES PAR HYDROGENATION**
[72] GERMANAUD, LAURENT, FR
[72] DOUCET, CLARISSE, FR
[71] TOTAL MARKETING SERVICES, FR
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[54] **POLYMERES AMPHIPHILES POUR LE CONTROLE DU FILTRAT**
[72] CADIX, ARNAUD, FR
[72] WILSON, DAVID JAMES, FR
[71] RHODIA OPERATIONS, FR
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[54] **PROCEDE ET SYSTEME DE PAIEMENT EN RESEAU**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
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[54] **MECANISME D'INCLINAISON POUR PLANCHER INCLINE A DOUBLE MOUVEMENT POUR UN THEATRE**
[72] JOHNSON, TERRY D., US
[72] BOWEN, JEFFREY, US
[72] SIMONS, STEPHEN, US
[71] VIP CINEMA LLC, US
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[54] **UTILISATION D'INHIBITEURS DE PHOSPHOINOSITIDE 3-KINASE POUR LE TRAITEMENT DE MALFORMATIONS VASCULAIRES**
[72] BASELGA, EULALIA, ES
[72] CASTEL, PAU, US
[72] BASELGA, JOSE T., US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
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[54] **RAILCAR TRUCK ROLLER BEARING ADAPTER PAD SYSTEMS**
[54] **SYSTEMES DE PATINS ADAPTATEURS POUR ROULEMENTS A ROULEAUX DE BOGIES**
[72] GOTLUND, ERIK L., US
[72] JEAMBEY, JON R., US
[72] NIBOUAR, F. ANDREW, US
[72] PIKE, JAMES A., US
[72] BRYANT, JASON C., US
[72] STULL, JONATHAN A., US
[72] KURTZHALS, WILLIAM A., US
[72] MANIBHARATHI, ROSHAN N., US
[71] NEVIS INDUSTRIES LLC, US
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[54] **PROCESS AND SYSTEM FOR THERMAL TREATMENT OF GRANULAR SOLIDS**
[54] **PROCEDE ET SYSTEME POUR LE TRAITEMENT THERMIQUE DE MATIERES SOLIDES GRANULAIRES**
[72] STRODER, MICHAEL, DE
[72] STURM, PETER, DE
[72] MISSALLA, MICHAEL, DE
[72] KLETT, CORNELIS, DE
[71] OUTOTEC (FINLAND) OY, FI
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[54] **GEL OPHTHALMIQUE A BASE DE BIMATOPROST ADMINISTRABLE SOUS FORME DE GOUTTES**
[72] POLZER, HEINZ, DE
[72] ELENA, PIERRE-PAUL, FR
[72] SENGE, JURGEN, DE
[71] MEDPROJECT PHARMA-ENTWICKLUNGS- UND VERTRIEBSGESELLSCHAFT MBH, DE
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[54] **MACHINE POUR HOMOGENEISER UNE SUBSTANCE ALIMENTAIRE**
[72] ABDO, SAMER, CH
[72] DECASTEL, SYLVAIN, CH
[72] DENISART, JEAN-LUC, CH
[72] GUYON, BERTRAND, FR
[72] MAGATTI, MARCO, CH
[72] PERRIN, ALEXA, CH
[72] PONT, DIDIER, CH
[72] RAAD, MOHAMED, CH
[72] SEYDOUX, LAURENT, CH
[71] NESTEC S.A., CH
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[54] **IMPELLER FOR FOOD PROCESSOR**
[54] **ROUE A AUBES POUR ROBOT DE CUISINE**
[72] ABDO, SAMER, CH
[72] DECASTEL, SYLVAIN, CH
[72] DENISART, JEAN-PAUL, CH
[72] GUYON, BERTRAND, FR
[72] MAGATTI, MARCO, CH
[72] PERRIN, ALEXA, CH
[72] PONT, DIDIER, CH
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[72] SEYDOUX, LAURENT, CH
[71] NESTEC S.A., CH
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[54] **MACHINE-OUTIL A BOIS**
[72] HUNDEGGER, HANS, DE
[71] HUNDEGGER, HANS, DE
[85] 2017-11-14
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[54] **DISPOSITIF DE DISTRIBUTION DE CAPSULES**
[72] CAMIER, NICOLAS, FR
[72] GAVILLET, GILLES, CH
[72] GILLE, JEAN-CLAUDE, FR
[72] HUYNH, ISABELLE, FR
[72] JARISCH, CHRISTIAN, CH
[72] MONTVENOUX, GAUTIER, FR
[72] PERETTI, LIONEL, FR
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[54] **PORTE-CHARGE COMPRENANT UN AGENCEMENT DE VERROUILLAGE**
[72] TUYLUCE, ABDURRAHMAN, DE
[72] FRITSCHE, GUNTHER, DE
[71] THULE SWEDEN AB, SE
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[54] **ATTRIBUTION DE RESSOURCES POUR TRANSMISSION DE DISPOSITIF A DISPOSITIF**
[72] VUTUKURI, ESWAR, GB
[72] FAURIE, RENE, FR
[72] SUZUKI, TAKASHI, JP
[71] BLACKBERRY LIMITED, CA
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[54] **HELMET WITH AUDIO FEATURES**
[54] **CASQUE A CARACTERISTIQUES AUDIO**
[72] CATTERSON, STEPHEN, GB
[72] GORILOVSKY, DMITRY, DE
[71] PECLET LIMITED, GB
[85] 2017-11-14
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[25] EN
[54] **MECHANICAL FILTER ELEMENT, APPARATUS AND METHOD**
[54] **ELEMENT, APPAREIL ET PROCEDE DE FILTRE MECANIQUE**
[72] JACKSON, NICHOLAS JOHN, GB
[72] KUIJPER, JASPER HENDERICUS MARIA, GB
[71] EVOLUTION AQUA LIMITED, GB
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[54] **SYSTEME D'ANTENNE POUVANT ETRE PORTE SUR LE CORPS**
[72] BOYES, STEPHEN JOHN, GB
[71] THE SECRETARY OF STATE FOR DEFENCE, GB
[85] 2017-11-14
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[54] **WHEEL LOOSENING SENSOR**
[54] **CAPTEUR DE DESSERRAGE DE ROUE**
[72] BROADFIELD, GARY, GB
[71] WHEELY-SAFE LTD., GB
[85] 2017-11-14
[86] 2016-04-14 (PCT/GB2016/051043)
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[54] **TRAITEMENT D'ETOFFES ET TEXTILES**
[72] BROWN, NICHOLAS, GB
[72] ELLIS, DAVID JOHN, GB
[71] NIKWAX LIMITED, GB
[85] 2017-11-14
[86] 2016-05-17 (PCT/GB2016/051413)
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[25] EN
[54] **FLOATING PRODUCTION UNIT AND METHOD OF INSTALLING A FLOATING PRODUCTION UNIT**
[54] **UNITE DE PRODUCTION FLOTTANTE ET PROCEDE D'INSTALLATION D'UNE UNITE DE PRODUCTION FLOTTANTE**
[72] PEACE, DUNCAN, GB
[72] KUNKELER, RAMON, GB
[72] BALLI, ENGIN, GB
[71] CRONDALL ENERGY CONSULTANTS LTD., GB
[85] 2017-11-14
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[54] **AN ATTACHMENT FOR A PRIME MOVER**
[54] **ACCESSOIRE POUR MOTEUR D'ENTRAINEMENT**
[72] CONNOLLY, SEAN, GB
[72] HAVERN, ANTHONY, GB
[72] MCADAM, JAMES, IE
[72] MCHUGH, GERARD, IE
[71] MULTIHOG R&D LIMITED, IE
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[25] EN
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[54] **COMPOSITION DE BETON A FAIBLE RETRAIT**
[72] BAALBAKI, MOUSSA, CH
[72] GONG, BILL (CHUNMING), CA
[72] BABAYAN, DAVID, CH
[72] MATTHES, WINNIE, CH
[71] HOLCIM TECHNOLOGY LTD., CH
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[51] **Int.Cl. B23Q 1/62 (2006.01) B23Q 37/00 (2006.01) B23Q 39/02 (2006.01)**
[25] EN
[54] **MACHINE TOOL**
[54] **MACHINE D'USINAGE**
[72] NEUBERT, DIRK, DE
[71] SAMAG SAALFELDER WERKZEUGMASCHINEN GMBH, DE
[85] 2017-11-14
[86] 2016-03-29 (PCT/IB2016/051767)
[87] (WO2016/157078)
[30] DE (DE102015105043.9) 2015-04-01

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[13] A1
[51] **Int.Cl. B64D 13/00 (2006.01) B64D 47/00 (2006.01) B64D 13/06 (2006.01)**
[25] EN
[54] **AIRCRAFT AIR QUALITY MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE LA QUALITE DE L'AIR D'UN AERONEF**
[72] FAGUNDES, SANDRO A.S., CA
[72] MEISLITZER, BORIS, CA
[72] AYRE, KEITH, CA
[71] BOMBARDIER INC., CA
[85] 2017-11-14
[86] 2016-05-16 (PCT/IB2016/052831)
[87] (WO2016/189420)
[30] US (62/165,269) 2015-05-22

[21] **2,985,967**
[13] A1
[51] **Int.Cl. B64F 5/00 (2017.01) B64D 27/00 (2006.01) F02K 1/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ALIGNING PROPULSION SYSTEM AND VEHICLE HAVING SUCH PROPULSION ALIGNMENT**
[54] **PROCEDE ET SYSTEME D'ALIGNEMENT DE SYSTEME DE PROPULSION ET VEHICULE AYANT UN TEL ALIGNEMENT DE PROPULSION**
[72] ILIOPOULOS, ALEXANDROS, CA
[72] REGNAULT, LAURENT, CA
[72] KULCZYK, MARCIN, CA
[72] RICHER, ALAIN, CA
[71] BOMBARDIER INC., CA
[85] 2017-11-14
[86] 2016-05-27 (PCT/IB2016/053152)
[87] (WO2016/193890)
[30] US (62/168,342) 2015-05-29

[21] **2,985,968**
[13] A1
[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **A CAPSULE, A SYSTEM FOR PREPARING A POTABLE BEVERAGE FROM SUCH A CAPSULE AND USE OF SUCH A CAPSULE IN A BEVERAGE PREPARATION DEVICE**
[54] **CAPSULE, SYSTEME POUR PREPARER UNE BOISSON POTABLE A PARTIR D'UNE TELLE CAPSULE ET UTILISATION D'UNE TELLE CAPSULE DANS UN DISPOSITIF DE PREPARATION DE BOISSON**
[72] DIJKSTRA, HIELKE, NL
[72] GROOTHORNTE, AREND HENDRIK, NL
[72] VAN GAASBEEK, ERIK PIETER, NL
[72] OTTENSCHOT, MARC HENRIKUS JOSEPH, NL
[72] KAMERBEEK, RALF, NL
[72] EIJSACKERS, ARMIN SJOERD, NL
[72] FLAMAND, JOHN HENRI, NL
[71] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2017-11-14
[86] 2016-05-13 (PCT/NL2016/050342)
[87] (WO2016/186489)
[30] NL (PCT/NL2015/050349) 2015-05-15

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[13] A1
[51] **Int.Cl. B65D 85/804 (2006.01) A47J 31/06 (2006.01) A47J 31/24 (2006.01) A47J 31/44 (2006.01)**
[25] EN
[54] **A CAPSULE, A SYSTEM FOR PREPARING A POTABLE BEVERAGE FROM SUCH A CAPSULE AND USE OF SUCH A CAPSULE IN A BEVERAGE PREPARATION DEVICE**
[54] **CAPSULE, SYSTEME DE PREPARATION D'UNE BOISSON POTABLE A PARTIR D'UNE TELLE CAPSULE ET UTILISATION D'UNE TELLE CAPSULE DANS UN DISPOSITIF DE PREPARATION DE BOISSON**
[72] DIJKSTRA, HIELKE, NL
[72] GROOTHORNTE, AREND HENDRIK, NL
[72] VAN GAASBEEK, ERIK PIETER, NL
[72] OTTENSCHOT, MARC HENRIKUS JOSEPH, NL
[72] KAMERBEEK, RALF, NL
[72] EIJSACKERS, ARMIN SJOERD, NL
[72] FLAMAND, JOHN HENRI, NL
[72] HALLIDAY, ANDREW MICHAEL, NL
[72] HANSEN, NICHOLAS ANDREW, NL
[71] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2017-11-14
[86] 2016-05-13 (PCT/NL2016/050349)
[87] (WO2016/186495)
[30] NL (PCT/NL2015/050352) 2015-05-15
[30] NL (PCT/NL2015/000018) 2015-05-15
[30] NL (PCT/NL2015/050349) 2015-05-15
[30] NL (PCT/NL2015/050611) 2015-09-03

[21] **2,985,971**
[13] A1
[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **A CAPSULE, A SYSTEM FOR PREPARING A POTABLE BEVERAGE FROM SUCH A CAPSULE AND USE OF SUCH A CAPSULE IN A BEVERAGE PREPARATION DEVICE**
[54] **CAPSULE, SYSTEME DE PREPARATION D'UNE BOISSON POTABLE A PARTIR D'UNE TELLE CAPSULE ET UTILISATION D'UNE TELLE CAPSULE DANS UN DISPOSITIF DE PREPARATION DE BOISSON**
[72] DIJKSTRA, HIELKE, NL
[72] GROOTHORNTE, AREND HENDRIK, NL
[72] VAN GAASBEEK, ERIK PIETER, NL
[72] OTTENSCHOT, MARC HENRIKUS JOSEPH, NL
[72] KAMERBEEK, RALF, NL
[72] EIJSACKERS, ARMIN SJOERD, NL
[72] FLAMAND, JOHN HENRI, NL
[71] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2017-11-14
[86] 2016-05-13 (PCT/NL2016/050344)
[87] (WO2016/186491)
[30] NL (PCT/NL2015/050354) 2015-05-15

[21] **2,985,973**
[13] A1
[51] **Int.Cl. B65D 85/804 (2006.01) B31B 50/00 (2017.01)**
[25] EN
[54] **A CAPSULE, A SYSTEM FOR PREPARING A POTABLE BEVERAGE FROM SUCH A CAPSULE AND USE OF SUCH A CAPSULE IN A BEVERAGE PREPARATION DEVICE**
[54] **CAPSULE, SYSTEME POUR PREPARER UNE BOISSON POTABLE A PARTIR D'UNE TELLE CAPSULE ET UTILISATION D'UNE TELLE CAPSULE DANS UN DISPOSITIF DE PREPARATION DE BOISSON**
[72] DIJKSTRA, HIELKE, NL
[72] GROOTHORNTE, AREND HENDRIK, NL
[72] VAN GAASBEEK, ERIK PIETER, NL
[72] OTTENSCHOT, MARC HENRIKUS JOSEPH, NL
[72] KAMERBEEK, RALF, NL
[72] EIJSACKERS, ARMIN SJOERD, NL
[72] FLAMAND, JOHN HENRI, NL
[71] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2017-11-14
[86] 2016-05-13 (PCT/NL2016/050341)
[87] (WO2016/186488)
[30] NL (PCT/NL2015/050351) 2015-05-15

[21] **2,985,975**
[13] A1
[51] **Int.Cl. B65D 85/804 (2006.01) A47J 31/06 (2006.01) A47J 31/24 (2006.01) A47J 31/44 (2006.01)**
[25] EN
[54] **A CAPSULE, A SYSTEM FOR PREPARING A POTABLE BEVERAGE FROM SUCH A CAPSULE AND USE OF SUCH A CAPSULE IN A BEVERAGE PREPARATION DEVICE**
[54] **CAPSULE, SYSTEME POUR PREPARER UNE BOISSON POTABLE A PARTIR D'UNE TELLE CAPSULE ET UTILISATION D'UNE TELLE CAPSULE DANS UN DISPOSITIF DE PREPARATION DE BOISSON**
[72] DIJKSTRA, HIELKE, NL
[72] GROOTHORNTE, AREND HENDRIK, NL
[72] VAN GAASBEEK, ERIK PIETER, NL
[72] OTTENSCHOT, MARC HENRIKUS JOSEPH, NL
[72] KAMERBEEK, RALF, NL
[72] EIJSACKERS, ARMIN SJOERD, NL
[72] FLAMAND, JOHN HENRI, NL
[71] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2017-11-14
[86] 2016-05-13 (PCT/NL2016/050346)
[87] (WO2016/186492)
[30] NL (PCT/NL2015/050350) 2015-05-15

[21] **2,985,976**
[13] A1
[51] **Int.Cl. A63F 5/00 (2006.01)**
[25] EN
[54] **GAME DEVICE EQUIPPED WITH MODIFIED CYLINDER FOR AUTONOMOUSLY MANAGING A FAVOURABLE EVENT**
[54] **DISPOSITIF DE JEU EQUIPE D'UN CYLINDRE MODIFIE PERMETTANT UNE GESTION AUTONOME D'UN EVENEMENT FAVORABLE**
[72] CONTE, PIERANGELO, IT
[72] TOINI, BRUNO, IT
[72] TOINI, CHRISTIAN, IT
[71] JJ GAMING S.R.L., IT
[85] 2017-11-14
[86] 2016-05-18 (PCT/IT2016/000128)
[87] (WO2016/185501)
[30] IT (UB2015A000749) 2015-05-19

[21] **2,985,977**
[13] A1
[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **A CAPSULE, A SYSTEM FOR PREPARING A POTABLE BEVERAGE FROM SUCH A CAPSULE AND USE OF SUCH A CAPSULE IN A BEVERAGE PREPARATION DEVICE**
[54] **CAPSULE, SYSTEME DE PREPARATION D'UNE BOISSON POTABLE A PARTIR D'UNE TELLE CAPSULE ET UTILISATION D'UNE TELLE CAPSULE DANS UN DISPOSITIF DE PREPARATION DE BOISSON**
[72] DIJKSTRA, HIELKE, NL
[72] GROOTHORNTE, AREND HENDRIK, NL
[72] VAN GAASBEEK, ERIK PIETER, NL
[72] OTTENSCHOT, MARC HENRIKUS JOSEPH, NL
[72] KAMERBEEK, RALF, NL
[72] EIJSACKERS, ARMIN SJOERD, NL
[72] FLAMAND, JOHN HENRI, NL
[72] HALLIDAY, ANDREW MICHAEL, NL
[72] HANSEN, NICHOLAS ANDREW, NL
[71] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2017-11-14
[86] 2016-05-13 (PCT/NL2016/050350)
[87] (WO2016/186496)
[30] NL (PCT/NL2015/050352) 2015-05-15
[30] NL (PCT/NL2015/000018) 2015-05-15
[30] NL (PCT/NL2015/050349) 2015-05-15
[30] NL (PCT/NL2015/050611) 2015-09-03

[21] **2,985,982**
[13] A1
[51] **Int.Cl. G06F 21/34 (2013.01) H04W 12/06 (2009.01) G06Q 20/40 (2012.01) H04B 10/114 (2013.01)**
[25] EN
[54] **AUTHENTICATION SYSTEM AND METHOD USING FLASH OF SMART MOBILE**
[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION UTILISANT LE FLASH D'UN ORDIPHONE MOBILE**
[72] YEOM, SUK HWAN, KR
[71] YEOM, SUK HWAN, KR
[85] 2017-11-14
[86] 2016-05-13 (PCT/KR2016/005110)
[87] (WO2016/182397)
[30] KR (10-2015-0067543) 2015-05-14

[21] **2,985,988**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01) A61L 9/03 (2006.01) A61M 15/00 (2006.01)**
[25] EN
[54] **IMPROVED VAPORIZER DEVICE**
[54] **DISPOSITIF DE VAPORISATEUR AMELIORE**
[72] BLELOCH, ANDREW L., US
[72] BHARDWAJ, NEERAJ S., US
[72] BROWN, GABRIEL, US
[71] LOTO LABS, INC., US
[85] 2017-11-14
[86] 2015-05-12 (PCT/US2015/030427)
[87] (WO2015/175568)
[30] US (61/991,757) 2014-05-12

[21] **2,985,993**
[13] A1
[51] **Int.Cl. G21C 17/10 (2006.01)**
[25] EN
[54] **CORRELATION TOLERANCE LIMIT SETTING SYSTEM USING REPETITIVE CROSS-VALIDATION AND METHOD THEREFOR**
[54] **SYSTEME DE DEFINITION DE LIMITE DE TOLERANCE DE CORRELATION UTILISANT UNE VALIDATION CROISEE REPETITIVE ET PROCEDE ASSOCIE**
[72] KIM, KANG HOON, KR
[72] KIM, BYEUNG SEOK, KR
[72] NAHM, KEE YIL, KR
[71] KEPCO NUCLEAR FUEL CO., LTD., KR
[85] 2017-11-14
[86] 2016-04-26 (PCT/KR2016/004340)
[87] (WO2017/175908)
[30] KR (10-2016-0042413) 2016-04-06

[21] **2,985,994**
[13] A1
[51] **Int.Cl. E21B 19/16 (2006.01)**
[25] EN
[54] **TONG ASSEMBLY WITH TORQUE MEASUREMENT**
[54] **ENSEMBLE CLE A TIGES AVEC MESURE DE COUPLE**
[72] WOOD, KEVIN, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2017-11-14
[86] 2016-05-05 (PCT/US2016/030992)
[87] (WO2016/191067)
[30] US (62/167,644) 2015-05-28

[21] **2,985,997**
[13] A1
[51] **Int.Cl. A01K 1/01 (2006.01)**
[25] EN
[54] **PET WASTE DISPOSAL DEVICE**
[54] **DISPOSITIF D'ELIMINATION DES DEJECTIONS D'UN ANIMAL DE COMPAGNIE**
[72] MARINKO, DUSAN, SK
[71] MARINKO, DUSAN, SK
[85] 2017-11-14
[86] 2015-08-26 (PCT/SK2015/050010)
[87] (WO2017/034485)
[30] SK (PUV50081-2015) 2015-08-25

[21] **2,985,998**
[13] A1
[51] **Int.Cl. E04D 13/17 (2006.01)**
[25] EN
[54] **GAS PERMEABLE ARRESTER SEAL WITH INTEGRATED WEEP CONDUIT FOR RIDGE VENTS**
[54] **JOINT D'ETANCHEITE D'ARRET PERMEABLE AUX GAZ AYANT UN CONDUIT DE BARBACANE POUR EVENTS DE FAITE**
[72] POLUMBUS, CLAY, US
[71] CPTPCO LLC, US
[85] 2017-11-14
[86] 2016-05-12 (PCT/US2016/032184)
[87] (WO2016/183363)
[30] US (14/712,774) 2015-05-14

[21] **2,986,001**
[13] A1
[51] **Int.Cl. C25C 1/18 (2006.01) C25C 7/02 (2006.01) C25C 7/08 (2006.01) H01M 10/54 (2006.01) H01M 10/06 (2006.01)**
[25] EN
[54] **CLOSED LOOP SYSTEMS AND METHODS FOR RECYCLING LEAD ACID BATTERIES**
[54] **SYSTEMES ET PROCEDES EN BOUCLE FERMEE POUR LE RECYCLAGE DE BATTERIES AU PLOMB**
[72] CLARKE, STEPHEN R., US
[72] CLARKE, ROBERT LEWIS, US
[72] DOUGHERTY, BRIAN, US
[71] AQUA METALS INC., US
[85] 2017-11-14
[86] 2016-05-13 (PCT/US2016/032334)
[87] (WO2016/183429)
[30] US (62/161,068) 2015-05-13
[30] US (62/161,062) 2015-05-13
[30] US (62/160,849) 2015-05-13

[21] **2,986,003**
[13] A1
[51] **Int.Cl. G07C 11/00 (2006.01) G06F 21/32 (2013.01) G07C 9/00 (2006.01)**
[25] EN
[54] **PHYSICAL TOKEN-LESS SECURITY SCREENING USING BIOMETRICS**
[54] **CONTROLE DE SECURITE SANS JETONS PHYSIQUES EN UTILISANT LA BIOMETRIE**
[72] CORNICK, KENNETH, US
[72] LUPOWITZ, KEVIN, US
[72] SNYDER, MATTHEW, US
[71] ALCLEAR, LLC, US
[85] 2017-11-14
[86] 2016-05-13 (PCT/US2016/032532)
[87] (WO2016/183517)
[30] US (62/161,330) 2015-05-14

[21] **2,986,007**
[13] A1
[51] **Int.Cl. E21B 36/00 (2006.01) E21B 47/07 (2012.01) E21B 36/04 (2006.01)**
[25] EN
[54] **FORMATION SWELLING CONTROL USING HEAT TREATMENT**
[54] **REGULATION DU FOISONNEMENT D'UNE FORMATION PAR TRAITEMENT THERMIQUE**
[72] AL-BURAIK, KHALED A., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2017-11-14
[86] 2015-10-30 (PCT/US2015/058220)
[87] (WO2016/186688)
[30] US (14/715,184) 2015-05-18

[21] **2,986,008**
[13] A1
[51] **Int.Cl. G06K 9/78 (2006.01) G06T 7/40 (2017.01) G06T 11/60 (2006.01)**
[25] EN
[54] **IMAGE-BASED ANALYSIS OF A GEOLOGICAL THIN SECTION**
[54] **ANALYSE A BASE D'IMAGES D'UNE COUPE GEOLOGIQUE MINCE**
[72] MEZGHANI, MOKHLES MUSTAPHA, SA
[72] SHAMMARI, SALEM HAMOUD, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2017-11-14
[86] 2016-04-28 (PCT/US2016/029748)
[87] (WO2016/186809)
[30] US (62/164,292) 2015-05-20
[30] US (15/082,540) 2016-03-28

[21] **2,986,009**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 47/07 (2012.01) E21B 36/00 (2006.01) E21B 43/247 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **FORMATION FRACTURING USING HEAT TREATMENT**
[54] **FRACTURATION DE FORMATION PAR TRAITEMENT THERMIQUE**
[72] AL-BURAIK, KHALED A., SA
[71] SAUDI ARABIAN OIL COMPPNY, SA
[85] 2017-11-14
[86] 2015-11-05 (PCT/US2015/059216)
[87] (WO2016/186690)
[30] US (14/715,149) 2015-05-18

[21] **2,986,012**
[13] A1
[51] **Int.Cl. A61M 5/36 (2006.01) A61M 5/142 (2006.01) A61M 5/172 (2006.01)**
[25] EN
[54] **AIR IN-LINE SENSING SYSTEM FOR IV INFUSION LINES**
[54] **SYSTEME DE DETECTION D'AIR DANS LA LIGNE POUR LIGNES DE PERFUSION INTRAVEINEUSE**
[72] ABAL, DANIEL, US
[71] CAREFUSION 2200, INC., US
[85] 2017-11-14
[86] 2016-01-08 (PCT/US2016/012731)
[87] (WO2016/190904)
[30] US (14/721,928) 2015-05-26

[21] **2,986,018**
[13] A1
[51] **Int.Cl. A61M 1/36 (2006.01)**
[25] EN
[54] **CELL WASHING PLUNGER USING CENTRIFUGAL FORCE**
[54] **PISTON PLONGEUR DE LAVAGE DE CELLULES UTILISANT UNE FORCE CENTRIFUGE**
[72] LEACH, MICHAEL D., US
[72] DORIAN, RANDEL E., US
[72] STORRS, RICHARD WOOD, US
[72] KING, SCOTT R., US
[71] BIOMET BIOLOGICS, LLC, US
[85] 2017-11-14
[86] 2016-05-05 (PCT/US2016/030880)
[87] (WO2016/182830)
[30] US (14/708,547) 2015-05-11

[21] **2,986,019**
[13] A1
[51] **Int.Cl. A24B 15/20 (2006.01) A24B 13/00 (2006.01) A24B 15/24 (2006.01) A24B 15/30 (2006.01) A24B 15/42 (2006.01)**
[25] EN
[54] **TREATMENT OF TOBACCO**
[54] **TRAITEMENT DU TABAC**
[72] MARSHALL, JERRY WAYNE, US
[72] GERARDI, ANTHONY RICHARD, US
[72] MONSALUD, LUIS, US
[72] BUSBEE, ALTON, US
[72] HART, JO ANN HILL, US
[72] MILLING, ANNETT, US
[71] R. J. REYNOLDS TOBACCO COMPANY, US
[85] 2017-11-14
[86] 2016-05-05 (PCT/US2016/030905)
[87] (WO2016/182833)
[30] US (14/712,360) 2015-05-14

[21] **2,986,022**
[13] A1
[51] **Int.Cl. C25C 1/18 (2006.01) C22B 3/22 (2006.01) C22B 3/44 (2006.01) C22B 7/00 (2006.01) C25C 7/08 (2006.01) H01M 10/54 (2006.01) H01M 10/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR RECOVERY OF LEAD FROM LEAD ACID BATTERIES**
[54] **SYSTEMES ET PROCEDES DE RECUPERATION DU PLOMB A PARTIR D'ACCUMULATEURS AU PLOMB-ACIDE**
[72] CLARKE, ROBERT LEWIS, US
[72] DOUGHERTY, BRIAN, US
[72] CLARKE, RICHARD, US
[72] MOHANTA, SAMARESH, US
[71] AQUA METALS INC., US
[85] 2017-11-14
[86] 2016-05-13 (PCT/US2016/032332)
[87] (WO2016/183428)
[30] US (62/160,844) 2015-05-13

[21] **2,986,023**
[13] A1
[51] **Int.Cl. A61K 9/48 (2006.01) A61K 35/30 (2015.01)**
[25] EN
[54] **TREATMENT OF CNS DISEASE WITH ENCAPSULATED INDUCIBLE CHOROID PLEXUS CELLS**
[54] **TRAITEMENT DE MALADIES DU SNC AVEC DES CELLULES INDUCTIBLES ENCAPSULEES DE PLEXUS CHOROIDES**
[72] LEE, JACQUELINE EUNYOUNG, US
[72] TAYLOR, KENNETH MARTIN, NZ
[72] WALANJ, RUPA HEMANT, NZ
[72] LAM, BOWL BOWL JANICE, NZ
[71] LIVING CELL TECHNOLOGIES NEW ZEALAND LIMITED, NZ
[85] 2017-11-14
[86] 2016-05-13 (PCT/US2016/032543)
[87] (WO2016/187067)
[30] US (62/162,390) 2015-05-15

[21] **2,986,024**
[13] A1
[51] **Int.Cl. B05B 3/10 (2006.01) A01K 45/00 (2006.01) A61D 1/02 (2006.01) B05B 1/28 (2006.01) B05B 9/08 (2006.01)**
[25] EN
[54] **EXTENDED-RANGE SPRAY APPLICATOR**
[54] **APPLICATEUR PAR PULVERISATION LONGUE DISTANCE**
[72] LESLIE, CHRISTOPHER DAVIS, US
[72] PORCHER, LUDOVIC, FR
[71] MERIAL INC., US
[85] 2017-11-14
[86] 2016-05-13 (PCT/US2016/032337)
[87] (WO2016/183430)
[30] US (62/161,440) 2015-05-14

[21] **2,986,026**
[13] A1
[51] **Int.Cl. C07K 14/00 (2006.01) C07K 14/195 (2006.01)**
[25] EN
[54] **ENGINEERED CLOSTRIDIUM BOTULINUM TOXIN ADAPTED TO DELIVER MOLECULES INTO SELECTED CELLS**
[54] **TOXINE DE CLOSTRIDIUM BOTULINUM GENETIQUEMENT MODIFIEE, CONCUE POUR ACHEMINER DES MOLECULES JUSQUE DANS DES CELLULES SELECTIONNEES**
[72] PAVLIK, BENJAMIN J., US
[72] BLUM, PAUL, US
[72] VAN COTT, KEVIN, US
[71] BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
[85] 2017-11-14
[86] 2016-05-14 (PCT/US2016/032573)
[87] (WO2016/187076)
[30] US (62/162,582) 2015-05-15

[21] **2,986,027**
[13] A1
[51] **Int.Cl. B65H 19/18 (2006.01) B65B 41/00 (2006.01) B65H 39/16 (2006.01)**
[25] EN
[54] **METHOD OF LOADING A DUNNAGE CONVERSION MACHINE AND SHEET STOCK MATERIAL USEFUL THEREIN**
[54] **PROCEDE DE CHARGEMENT D'UNE MACHINE DE TRANSFORMATION EN PRODUIT DE CALAGE ET MATERIAU DE CHARGE EN FEUILLES UTILE A CET EFFET**
[72] DOMINAK, STEPHEN LOUIS, US
[72] SNIJDERS, ALEXANDRA, NL
[71] RANPAK CORP., US
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[54] **THREE-DIMENSIONAL FABRICATING METHOD FOR RAPIDLY PRODUCING OBJECTS**
[54] **PROCEDE DE FABRICATION EN TROIS DIMENSIONS POUR PRODUCTION RAPIDE D'OBJETS**
[72] SUN, BENJAMIN JIEMIN, US
[72] SUN, JESSICA JIAXIN, US
[71] DENTSPLY SIRONA INC., US
[85] 2017-11-14
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[25] EN
[54] **AN AQUEOUS ALKANOLAMINE COMPOSITION AND PROCESS FOR THE SELECTIVE REMOVAL OF HYDROGEN SULFIDE FROM GASEOUS MIXTURES**
[54] **COMPOSITION AQUEUSE D'ALCANOLAMINE ET PROCESSUS POUR L'ELIMINATION SELECTIVE DE SULFURE D'HYDROGENE DE MELANGES GAZEUX**
[72] DUGAS, ROSS E., US
[72] LAROCHE, CHRISTOPHE R., US
[72] LEISTER, JONATHAN W., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **SAMPLE COLLECTION DEVICES AND ASSOCIATED SYSTEMS AND METHODS**
[54] **DISPOSITIFS DE COLLECTE D'ECHANTILLONS ET SYSTEMES ET PROCEDES ASSOCIES**
[72] CZARNECKI, JAREMA S., US
[72] SUBRAMANIAN, HARIHARAN, US
[72] ZHANG, YANGRONG (ELAINE), US
[72] BACKMAN, VADIM, US
[72] ROY, HEMANT, US
[71] NANOCYTOMICS, LLC, US
[71] NORTHWESTERN UNIVERSITY, US
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[54] **USE OF SILICONE CONTENT AND FLUOROPOLYMER ADDITIVES TO IMPROVE PROPERTIES OF POLYMERIC COMPOSITIONS**
[54] **UTILISATION D'ADDITIFS DE POLYMERE FLUORE ET A TENEUR EN SILICONE POUR AMELIORER LES PROPRIETES DE COMPOSITIONS POLYMERES**
[72] AGARWAL, DHRUV, US
[72] JANDRIS, LOUIS JAY, US
[71] ALBANY INTERNATIONAL CORP., US
[85] 2017-11-14
[86] 2016-05-18 (PCT/US2016/033006)
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[54] **SYSTEM AND METHOD FOR THERMALLY ADAPTIVE MATERIALS**
[54] **SYSTEME ET PROCEDE POUR MATERIAUX THERMIQUEMENT ADAPTATIFS**
[72] RIDLEY, BRENT, US
[72] GRIFFITH, SAUL, US
[72] MAIKRANZ, SHARA, US
[72] CHANG, JEAN, US
[72] LYNN, PETE, US
[71] OTHER LAB LLC, US
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[54] **SORBANTS POUR L'ELIMINATION DE MERCURE**
[72] MIMNA, RICHARD A., US
[72] TRAMPOSCH, WALTER G., US
[71] CALGON CARBON CORPORATION, US
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[51] **Int.Cl. A61B 17/12 (2006.01)**
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[54] **DEVICES AND METHODS FOR OCCLUSION OF AN ATRIAL APPENDAGE**
[54] **DISPOSITIFS ET PROCEDES D'OCCLUSION D'APPENDICE AURICULAIRE**
[72] CENTER, CHARLES J., US
[72] FOX, AARON D., US
[72] KOREY, NATHAN C., US
[72] SHAW, EDWARD E., US
[72] WEBSTER, NICHOLAS S., US
[72] WHAM, BRET J., US
[72] WOLFE, ROARK N., US
[72] ZELLER, PETER J., US
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[54] **COMBINATION WELL CONTROL/STRING RELEASE TOOL**
[54] **OUTIL DE LIBERATION DE TRAIN DE TIGES/COMMANDE DE PUITS COMBINE**
[72] KILLOH, IAN RAYMOND, GB
[72] BARANNIKOW, IVAN ANDRE, US
[71] WEATHERFORD TEHCNOLOGY HOLDINGS, LLC, US
[85] 2017-11-14
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[54] **FOOTWEAR VENTILATION STRUCTURES AND METHODS**
[54] **STRUCTURES ET PROCEDES DE VENTILATION DE CHAUSSURE**
[72] YEH, THOMAS, US
[71] TBL LICENSING LLC, US
[85] 2017-11-14
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[54] **USING LIQUID TO AIR MEMBRANE ENERGY EXCHANGER FOR LIQUID COOLING**
[54] **UTILISATION D'ECHANGEUR D'ENERGIE A MEMBRANE LIQUIDE-AIR POUR LE REFROIDISSEMENT DE LIQUIDES**
[72] MOGHADDAM, DAVOOD GHADIRI, CA
[72] LEPOUDRE, PHILIP PAUL, CA
[72] GERBER, MANFRED, CA
[71] NORTEK AIR SOLUTIONS CANADA, INC., CA
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[54] **APPARATUS AND METHODS FOR INTRAVENOUS GAS ELIMINATION**
[54] **APPAREIL ET PROCEDES POUR L'ELIMINATION DE GAZ PAR VOIE INTRAVEINEUSE**
[72] VARGA, CHRISTOPHER, US
[72] MOHR, JASON ANTHONY, US
[72] FRIEDLANDER, MEGAN DANIELLE, US
[71] VITAL SIGNS, INC., US
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[54] **SYSTEMS AND METHODS FOR MANAGING CONDITIONS IN ENCLOSED SPACE**
[54] **SYSTEMES ET PROCEDES PERMETTANT LA GESTION DE CONDITIONS DANS UN ESPACE FERME**
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[25] EN
[54] **PROCESS FOR INCREASING OPACITY OF PRECIPITATED CALCIUM CARBONATE**
[54] **PROCEDE POUR AUGMENTER L'OPACITE DE CARBONATE DE CALCIUM PRECIPITE**
[72] POHL, MICHAEL, AT
[71] OMYA INTERNATIONAL AG, CH
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[25] EN
[54] **METHOD FOR DETERMINING LENGTH OF FILLING SECTION OF FULLY MECHANIZED COAL MINING-FILLLINGMIXED MININGWORKING FACE**
[54] **PROCEDE DE DETERMINATION DE LONGUEUR DE SECTION DE REMPLISSAGE DE FRONT DE TAILLE MINIER MIXTE A EXTRACTION-REMPLISSAGE ENTIEREMENT MECANISE**
[72] ZHANG, JIXIONG, CN
[72] SUN, QIANG, CN
[72] ZHANG, QIANG, CN
[72] YAN, HAO, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
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[54] **OPERATION OF A LOCAL ALTERNATING CURRENT NETWORK WITH A GENSET AND A UPS**
[54] **EXPLOITATION D'UN RESEAU ALTERNATIF LOCAL AVEC UN ENSEMBLE GENERATEUR ET UN SYSTEME D'ALIMENTATION SANS COUPURE**
[72] HERBENER, FRANK, DE
[71] PILLER GROUP GMBH, DE
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[25] EN
[54] **SELECTIVE PROGESTERONE RECEPTOR MODULATOR (SPRM) REGIMEN**
[54] **REGIME POSOLOGIQUE A BASE DE MODULATEUR SELECTIF DU RECEPTEUR DE LA PROGESTERONE (RPM)**
[72] SEITZ, CHRISTIAN, DE
[72] ZEUN, SUSAN, DE
[72] KNAUTHE, RUDOLF, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
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[54] **BREAKING DETECTION DEVICE AND METHOD FOR DUMBBELL PIN CONNECTED TO MIDDLE TROUGH**
[54] **APPAREIL ET PROCEDE DE DETECTION DE RUPTURE DE BROCHE EN FORME D'HALTERE DE COUPLAGE DE RAINURE CENTRALE**
[72] ZHANG, XING, CN
[72] ZHU, ZHENCAI, CN
[72] LI, WEI, CN
[72] WANG, PING, CN
[72] ZHOU, GONGBO, CN
[72] CAO, GUOHUA, CN
[72] PENG, YUXING, CN
[72] LIU, SONGYONG, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
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[51] **Int.Cl. C10G 69/06 (2006.01) C10G 3/00 (2006.01) C10G 69/12 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING BIO HYDROCARBONS BY THERMALLY CRACKING A BIO-RENEWABLE FEEDSTOCK CONTAINING AT LEAST 65 WT.% ISO-PARAFFINS**
[54] **PROCEDE DE FABRICATION DE BIOHYDROCARBURES PAR CRAQUAGE THERMIQUE D'UNE CHARGE D'ALIMENTATION BIO-RENOUVELABLE CONTENANT AU MOINS 65 % ENPOIDS D'ISOPARAFFINES**
[72] HAKOLA, MAIJA, FI
[72] NYMAN, TOMI, FI
[71] NESTE OYJ, FI
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[86] 2016-05-18 (PCT/EP2016/061105)
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[54] **METHOD FOR PRODUCING BIO HYDROCARBONS BY THERMALLY CRACKING A BIO-RENEWABLE FEEDSTOCK**
[54] **PROCEDE DE FABRICATION DE BIOHYDROCARBURES PAR CRAQUAGE THERMIQUE D'UNE CHARGE BIO-RENOUVELABLE**
[72] HAKOLA, MAIJA, FI
[72] NYMAN, TOMI, FI
[71] NESTE OYJ, FI
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[51] **Int.Cl. B03D 1/14 (2006.01) C02F 1/465 (2006.01)**
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[54] **ORE TREATMENT APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT DE MINERAI**
[72] KAUPPINEN, MIKKO, FI
[71] VEE-NIKSI OY, FI
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[51] **Int.Cl. G01N 33/52 (2006.01) G01N 33/53 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR SCREENING T CELLS WITH ANTIGENS FOR SPECIFIC POPULATIONS**
[54] **COMPOSITIONS ET PROCEDES POUR L'ANALYSE DE LYMPHOCYTES T AVEC DES ANTIGENES POUR DES POPULATIONS SPECIFIQUES**
[72] HEATH, JAMES R., US
[72] PENG, SONGMING, US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
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[51] **Int.Cl. F03D 1/06 (2006.01) F03D 3/06 (2006.01)**
[25] EN
[54] **WIND TURBINE BLADE WITH A TRAILING EDGE SPACING SECTION**
[54] **PALE D'EOLIENNE DOTEE D'UNE SECTION D'ESPACEMENT DE BORD DE FUITE**
[72] GARM, JESPER HASSELBALCH, DK
[71] LM WP PATENT HOLDING A/S, DK
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[51] **Int.Cl. B65B 53/02 (2006.01) H01J 61/00 (2006.01)**
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[54] **METHOD FOR MANUFACTURING A SLEEVED PRODUCT**
[54] **PROCEDE POUR FABRIQUER UN PRODUIT MANCHONNE**
[72] YOSHIDA, NAO, NL
[72] KOOLHAAS, ERNST CHRISTIAAN, NL
[71] FUJI SEAL INTERNATIONAL, INC., JP
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[54] **FLUORESCENT CONJUGATES**
[54] **CONJUGUES FLUORESCENTS**
[72] CAILLER, FRANCOISE, FR
[72] FRAMERY, BERENICE, FR
[71] SURGIMAB S.A.S., FR
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[25] EN
[54] **HYDRODYNAMIC REMOVAL OF DENSE MATERIALS FROM A SLURRY**
[54] **SEPARATION HYDRODYNAMIQUE DES MATIERES LOURDES D'UNE SUSPENSION**
[72] CARRA, ROLAND, DE
[72] FLUCK, PATRICK, DE
[72] ZIEGLER, TOBIAS, DE
[71] BTA INTERNATIONAL GMBH, DE
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[54] **IGFBP3 AND USES THEREOF**
[54] **IGFBP3 ET SES UTILISATIONS**
[72] D'ADDIO, FRANCESCA, IT
[72] FIORINA, PAOLO, IT
[71] OSPEDALE SAN RAFFAELE SRL, IT
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[86] 2016-06-06 (PCT/EP2016/062790)
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[30] EP (15170679.3) 2015-06-04

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[54] **DISPOSITIF DE SOINS BUCCAUX**
[72] DAVIES, ROSALYN ANNE HARRIS, GB
[71] DAVIES, ROSALYN ANNE HARRIS, GB
[85] 2017-11-15
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[30] GB (1409492.4) 2014-05-28
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[25] EN
[54] **EFFLUX-PUMP INHIBITORS AND THERAPEUTIC USES THEREOF**
[54] **INHIBITEURS DE LA POMPE A EFFLUX ET UTILISATIONS THERAPEUTIQUES CORRESPONDANTES**
[72] DREIER, JURG, CH
[72] GAUCHER, BERANGERE, CH
[72] DESARBRE, ERIC, CH
[71] BASILEA PHARMACEUTICA INTERNATIONAL AG, CH
[85] 2017-11-15
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[25] EN
[54] **PRESS-FORMED ARTICLE, PRESS-FORMING METHOD, AND PRESS-FORMING APPARATUS**
[54] **ARTICLE FORME SOUS PRESSE, METHODE DE FORMAGE SOUS PRESSE ET APPAREIL DE FORMAGE SOUS PRESSE**
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[72] OGAWA, MISAO, JP
[72] MIYAGI, TAKASHI, JP
[72] ASO, TOSHIMITSU, JP
[72] TANOUE, HIROYUKI, JP
[72] KURODA, RYO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[51] **Int.Cl. B64D 13/00 (2006.01) B64D 13/06 (2006.01)**
[25] EN
[54] **AIRFLOW MANAGEMENT IN CABIN OF AIRCRAFT**
[54] **GESTION DE LA CIRCULATION D'AIR DANS CABINE D'AERONEF**
[72] FAGUNDES, SANDRO A.S., CA
[72] MEISLITZER, BORIS, CA
[72] AYRE, KEITH, CA
[71] BOMBARDIER INC., CA
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[25] EN
[54] **CYCLYC PEPTIDE, AND MEDICINE, EXTERNAL PREPARATION AND COSMETIC EACH CONTAINING SAID CYCLIC PEPTIDE**
[54] **PEPTIDE CYCLIQUE, ET MEDICAMENT, PREPARATION A USAGE EXTERNE ET PRODUIT COSMETIQUE CONTENANT TOUS LEDIT PEPTIDE CYCLIQUE**
[72] ENDO, KYOKO, JP
[72] ENDO, YORI, JP
[71] IGISU CO., LTD., JP
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[25] EN
[54] **PROCESS FOR THE PRODUCTION OF PAPER OR PAPERBOARD, PAPER OR PAPERBOARD PRODUCT OBTAINED AND USES THEREOF**
[54] **PROCEDE POUR LA PRODUCTION DE PAPIER OU CARTON, PRODUIT DE PAPIER OU CARTON OBTENU, ET SES UTILISATIONS**
[72] ANKERFORS, MIKAEL, SE
[72] LINDSTROM, TOM, SE
[72] GLAD-NORDMARK, GUNBORG, SE
[71] INNVENTIA AB, SE
[85] 2017-11-15
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[54] **BEVERAGE, ADDITIVE COMPOSITION, AND METHOD RELATING TO THESE**
[54] **BOISSON, COMPOSITION D'ADDITIF ET PROCEDE LES CONCERNANT**
[72] TAKAZUMI, KOJI, JP
[71] SAPPORO HOLDINGS LIMITED, JP
[85] 2017-11-15
[86] 2016-06-02 (PCT/JP2016/066400)
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[25] EN
[54] **A SYSTEM AND METHOD FOR MONITORING A PERSON VIA AN ANALOG MULTI-ZONE PRESSURE SENSITIVE PAD**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE D'UNE PERSONNE PAR LE BIAIS D'UN COUSSINET SENSIBLE A LA PRESSION MULTI-ZONE ANALOGIQUE**
[72] SMITH, GORDON, JR., US
[72] BRASCH, JOHN JOSEPH, US
[72] LEACOCK, JAMES R., US
[72] LI, YUANJIAN, CN
[71] J. BRASCH CO., LLC, US
[85] 2017-11-15
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[54] **METHODS FOR PRODUCING A CELLULOSIC FIBER HAVING A HIGH CURL INDEX AND ACQUISITION AND DISTRIBUTION LAYER CONTAINING SAME**
[54] **PROCEDES DE PRODUCTION D'UNE FIBRE CELLULOSIQUE PRESENTANT UN INDICE DE FRISURE ELEVE ET COUCHE D'ABSORPTION ET DE REPARTITION EN COMPRENANT**
[72] HANLEY, SHAUNE, CA
[72] ANDREWS, MARK, US
[72] CHARBONNEAU, FRANK, US
[72] COTHRAN, GARY, US
[71] RESOLUTE FP US INC., US
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[54] **SYSTEM AND METHOD FOR ACTIVE MONITORING OF A PERSON**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE ACTIVE D'UNE PERSONNE**
[72] BRASCH, JOHN JOSEPH, US
[72] SMITH, GORDON, JR., US
[71] J. BRASCH CO., LLC, US
[85] 2017-11-15
[86] 2016-05-17 (PCT/IB2016/052841)
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[72] SASAGAWA, MICHIKO, JP
[72] KUNITAKE, YUJI, JP
[72] HIGUCHI, SEIYA, JP
[72] MIYAZAKI, RYOUTA, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
[85] 2017-11-15
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[25] EN
[54] **METHODS AND SYSTEMS OF DETECTING PLASMA PROTEIN BIOMARKERS FOR DIAGNOSING ACUTE EXACERBATION OF COPD**
[54] **PROCEDES ET SYSTEMES PERMETTANT DE DETECTER DES BIOMARQUEURS DE PROTEINE DE PLASMA POUR DIAGNOSTIQUER UNE EXACERBATION AIGUE DE LA BRONCHO-PNEUMOPATHIE CHRONIQUE OBSTRUCTIVE**
[72] SIN, DON D., CA
[72] NG, RAYMOND T., CA
[72] MCMANUS, BRUCE, CA
[72] HOLLANDER, ZSUZSANNA, CA
[72] CHEN, VIRGINIA, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2017-11-15
[86] 2016-05-17 (PCT/IB2016/052872)
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[25] EN
[54] **CLEANING APPLIANCE**
[54] **APPAREIL DE NETTOYAGE**
[72] FOLLOWS, THOMAS JAMES DUNNING, GB
[72] BEX-RUSSELL, WILLIAM JOHN, GB
[72] COURTNEY, STEPHEN BENJAMIN, GB
[71] DYSON TECHNOLOGY LIMITED, GB
[85] 2017-11-15
[86] 2016-04-25 (PCT/GB2016/051145)
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[30] GB (1508369.4) 2015-05-15
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[25] EN
[54] **NON-SYNCHRONOUS BUCK CONVERTER WITH SOFTWARE-BASED BOOTSTRAP**
[54] **CONVERTISSEUR ABAISSEUR NON SYNCHRONE AVEC AMORCE BASEE SUR LOGICIEL**
[72] WANG, LEI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-11-15
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[54] **BREAKAWAY COUPLING**
[54] **RACCORD CASSABLE**
[72] ROTH, JOSEPH P., US
[72] CRUM, MICHAEL, US
[72] JARNECKE, DENNIS R., US
[72] WEJDMAN, KRZYSZTOF, PL
[72] VENKATACHALAPATHY, NARENDAR, IN
[71] OPW - ENGINEERED SYSTEMS, INC., US
[71] OPERATIONS TECHNOLOGY DEVELOPMENT, US
[85] 2017-11-15
[86] 2016-04-27 (PCT/US2016/029598)
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[25] FR
[54] **HIGH-VISCOSITY POLYESTER WITH IMPROVED IMPACT PROPERTIES**
[54] **POLYESTER DE HAUTE VISCOSITE AUX PROPRIETES CHOC AMELIOREES**
[72] JACQUEL, NICOLAS, FR
[72] SAINT-LOUP, RENE, FR
[72] PASCAULT, JEAN-PIERRE, FR
[72] FENOUILLOT, FRANCOISE, FR
[72] ROUSSEAU, ALAIN, FR
[71] ROQUETTE FRERES, FR
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[25] EN
[54] **OXABICYCLOHEPTANE PRODRUGS**
[54] **PROMEDICAMENTS A BASE D'OXABICYCLOHEPTANE**
[72] KOVACH, JOHN S., US
[72] VOLKMANN, ROBERT, US
[72] MARFAT, ANTHONY, US
[71] LIXTE BIOTECHNOLOGY, INC., US
[85] 2017-11-15
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[30] US (62/162,501) 2015-05-15

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[72] MIYAZAKI, RYOUTA, JP
[72] SASAGAWA, MICHIKO, JP
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[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
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[54] **TRANSFORMING TOY**
[54] **JOUET TRANSFORMABLE**
[72] CHOI, JONG-ILL, KR
[71] CHOI, JONG-ILL, KR
[85] 2017-11-15
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[30] KR (10-2015-0083293) 2015-06-12

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[25] EN
[54] **PROCESS FOR THE PRODUCTION OF MULTI-LAYER PAPERBOARD AND MULTI-LAYER PAPERBOARD OBTAINED**
[54] **PROCEDE POUR LA PRODUCTION DE CARTON MULTICOUCHE, ET CARTON MULTICOUCHE OBTENU**
[72] ANKERFORS, MIKAEL, SE
[72] LINDSTROM, TOM, SE
[72] GLAD-NORDMARK, GUNBORG, SE
[71] INNVENTIA AB, SE
[85] 2017-11-15
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[25] EN
[54] **METHODS AND MEANS FOR IDENTIFYING FLUID TYPE INSIDE A CONDUIT**
[54] **PROCEDES ET MOYENS D'IDENTIFICATION DE TYPE DE FLUIDE A L'INTERIEUR D'UNE CONDUITE**
[72] KAMBIZ, SAFINYA, US
[72] SPANNUTH, MELISSA, NO
[72] GUNN, SPENCER, NO
[71] SCHNEIDERS, SERVATIUS, DE
[71] VISURAY INTECH LTD (BVI), VG
[85] 2017-10-30
[86] 2016-05-02 (PCT/EP2016/059749)
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[30] US (62/154,955) 2015-04-30

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[54] **INTERNAL COMBUSTION ENGINE**
[54] **MOTEUR A COMBUSTION INTERNE**
[72] FUCHS, JOCHEN, AT
[71] GE JENBACHER GMBH & CO OG, AT
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[86] 2016-05-04 (PCT/AT2016/050124)
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[30] AT (A 328/2015) 2015-05-26

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[51] **Int.Cl. C12N 15/19 (2006.01) C12N 15/117 (2010.01) G01N 33/574 (2006.01)**
[25] EN
[54] **METHOD OF DIAGNOSIS OF BREAST CANCER**
[54] **METHODE DE DIAGNOSTIC DU CANCER DU SEIN**
[72] PARKER, BELINDA SHEREE, AU
[71] LA TROBE UNIVERSITY, AU
[85] 2017-11-16
[86] 2016-05-20 (PCT/AU2016/050392)
[87] (WO2016/187656)
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[25] EN
[54] **INTERNET BASED METHOD AND SYSTEM FOR WORLDWIDE PROMOTING AND OFFERING FOR SALE OR LICENSE PATENT RIGHTS AND PATENT APPLICATION RIGHTS**
[54] **PROCEDE ET SYSTEME UTILISANT L'INTERNET POUR PROMOUVOIR ET PROPOSER A LA VENTE OU A L'EXPLOITATION SOUS LICENCE A L'ECHELLE MONDIALE DES DROITS DE BREVETS ET DES DROITS DE DEMANDES DE BREVETS**
[72] KERR, PHILIP BRIAN, CA
[72] FUCHS, JUERGEN, CA
[72] CROUCH, ROBIN TIMOTHY, CA
[71] PCTXS INC., CA
[85] 2017-11-16
[86] 2016-05-17 (PCT/CA2016/000148)
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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/103 (2006.01) G06T 5/00 (2006.01)**
[25] EN
[54] **AUTOMATIC COMPENSATION FOR THE LIGHT ATTENUATION DUE TO EPIDERMAL MELANIN IN SKIN IMAGES**
[54] **COMPENSATION AUTOMATIQUE POUR L'ATTENUATION DE LA LUMIERE EN RAISON DE LA MELANINE EPIDERMIQUE DANS DES IMAGES DE PEAU**
[72] BARKER, ANDREW, CA
[72] CHAPMAN, DONALD, CA
[72] DICKIN, ELIZABETH, CA
[72] CERVI, MATT, CA
[71] KENT IMAGING, CA
[85] 2017-11-16
[86] 2016-05-18 (PCT/CA2016/050557)
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[30] US (62/164,261) 2015-05-20

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[25] EN
[54] **SWING PIPE FOR MANURE APPLICATIONS**
[54] **CONDUIT PIVOTANT POUR DES APPLICATIONS DE DISTRIBUTION DE FUMIER**
[72] ZOSKE, MICK, US
[71] ZOSKE, MICK, US
[85] 2017-11-15
[86] 2016-05-16 (PCT/US2016/032654)
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[51] **Int.Cl. G02B 6/44 (2006.01) G02B 6/54 (2006.01)**
[25] EN
[54] **PUSHABLE FIBER OPTIC CABLE FOR SMALL DUCTS**
[54] **CABLE A FIBRES OPTIQUES POUVANT ETRE POUSSE POUR PETITS CONDUITS**
[72] GIMBLET, MICHAEL JOHN, US
[72] REGISTER, III, JAMES ARTHUR, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2017-11-15
[86] 2016-05-19 (PCT/US2016/033174)
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[30] US (62/164,147) 2015-05-20

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[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **SRM/MRM ASSAY FOR THE MESOTHELIN (MSLN) PROTEIN**
[54] **DOSAGE PAR SRM/MRM DE LA PROTEINE MESOTHELINE (MSLN)**
[72] KRIZMAN, DAVID B., US
[72] HEMBROUGH, TODD, US
[72] BLACKLER, ADELE, US
[72] THYPARAMBIL, SHEENO, US
[72] AN, EUNKYUNG, US
[71] EXPRESSION PATHOLOGY, INC., US
[85] 2017-11-14
[86] 2016-05-16 (PCT/US2016/032775)
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[30] US (62/161,506) 2015-05-14

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[25] EN
[54] **COMBINATION OF A PD-1 ANTAGONIST AND CPG-C TYPE OLIGONUCLEOTIDE FOR TREATING CANCER**
[54] **ASSOCIATION D'UN ANTAGONISTE DU PD-1 ET D'UN OLIGONUCLEOTIDE CPG DU TYPE C POUR LE TRAITEMENT DU CANCER**
[72] YU, YING, US
[72] DENKER, ANDREW EVAN, US
[72] SADEKOVA, SVETLANA, US
[72] PHAN, UYEN TRUONG, US
[72] KASTELEIN, ROBERT A., US
[72] KAUFMAN, DAVID ROSS, US
[72] COFFMAN, ROBERT L., US
[72] GUIDUCCI, CRISTIANA, US
[72] JANSSEN, ROBERT S., US
[71] MERCK SHARP & DOHME CORP., US
[71] DYNAVAX TECHNOLOGIES CORPORATION, US
[85] 2017-11-15
[86] 2016-05-26 (PCT/US2016/034275)
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[30] US (62/168,449) 2015-05-29
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[51] **Int.Cl. G01V 9/00 (2006.01)**
[25] EN
[54] **DETECTION OF PIPELINE EXPOSURE IN WATER CROSSINGS**
[54] **DETECTION D'EXPOSITION DE PIPELINES DANS LES FRANCHISSEMENTS DE NAPPES ET DE COURS D'EAU**
[72] PAULSON, PETER O., CA
[72] MCINTYRE, J, CA
[71] PURE TECHNOLOGIES LTD., CA
[85] 2017-11-14
[86] 2016-06-17 (PCT/CA2016/050717)
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[30] US (62/181,541) 2015-06-18

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[51] **Int.Cl. A61F 2/50 (2006.01) A61F 2/54 (2006.01) A61F 2/56 (2006.01) A61F 2/76 (2006.01) A61F 2/78 (2006.01)**
[25] EN
[54] **BIDIRECTIONAL BIOMECHANICAL PROSTHETIC FULL FINGER CONFIGURED FOR ABDUCTION AND ADDUCTION WITH MCP PIVOT**
[54] **DOIGT ENTIER PROTHETIQUE BIOMECANIQUE BIDIRECTIONNEL CONFIGURE POUR UNE ABDUCTION ET UNE ADDUCTION AVEC PIVOT MCP**
[72] THOMPSON, ROBERT, JR., US
[72] BENGTSSON, JON, US
[72] PETO, ANTHONY CHARLES, US
[72] MINNIS, SYDNEY TYE, US
[72] KLUMPER, ERIC DENNIS, US
[72] CRITTENDEN, BRADLEY ARTHUR, US
[71] RCM ENTERPRISE, LLC, US
[85] 2017-11-15
[86] 2016-05-16 (PCT/US2016/032721)
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[30] US (62/162,516) 2015-05-15
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[13] A1
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[25] EN
[54] **HEAT SHIELD WITH SEALING MEMBER**
[54] **ECRAN THERMIQUE COMPRENANT UN ELEMENT D'ETANCHEITE**
[72] SLIMKO, GREGORY M., FR
[72] FORGEARD, JULIEN, FR
[72] SCHLAPPA, PAUL, DE
[72] LOWRY, JOHN M., US
[71] LYDALL, INC., US
[85] 2017-11-15
[86] 2016-06-01 (PCT/US2016/035157)
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[30] US (62/169,641) 2015-06-02

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[54] **MANCHON PROTECTEUR DE CONE MORSE**
[72] TERMANINI, ZAFER, US
[71] JOINT INNOVATION TECHNOLOGY, LLC, US
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[54] **VENTILATEUR ELECTRIQUE**
[72] AIZAKI, TETSUYA, JP
[71] EARTH BLOW JAPAN INC., JP
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[51] **Int.Cl. D21C 1/02 (2006.01) D21C 1/10 (2006.01)**
[25] EN
[54] **PROCESS AND SYSTEM FOR PRODUCING PULP, ENERGY, AND BIODERIVATIVES FROM PLANT-BASED AND RECYCLED MATERIALS**
[54] **PROCEDE ET SYSTEME DE PRODUCTION DE PATE, D'ENERGIE ET DE BIODERIVES A PARTIR DE MATIERES RECYCLEES ET VEGETALES**
[72] KUMAR, SANDEEP, US
[72] MAJERANOWSKI, PETER, US
[72] KOSTENYUK, IGOR, US
[72] BOBE, IULIAN, US
[72] BARLA, FLORIN, US
[71] TYTON BIOSCIENCES, LLC, US
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[51] **Int.Cl. A61K 31/28 (2006.01) A61K 31/282 (2006.01) A61K 31/555 (2006.01)**
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[54] **A PHARMACEUTICAL CO-CRYSTAL AND USE THEREOF**
[54] **CO-CRISTAL PHARMACEUTIQUE ET SON UTILISATION**
[72] LIU, XIAOZHONG, US
[71] SYN-NAT PRODUCTS ENTERPRISE LLC, US
[85] 2017-11-15
[86] 2016-05-17 (PCT/US2016/032856)
[87] (WO2016/187191)
[30] US (62/163,256) 2015-05-18

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[51] **Int.Cl. A46B 9/04 (2006.01)**
[25] EN
[54] **ORAL CARE IMPLEMENT AND MONOFILAMENT BRISTLE FOR USE WITH THE SAME**
[54] **INSTRUMENT DE SOIN BUCCAL ET SOIE MONOFILAMENT A UTILISER AVEC CELUI-CI**
[72] XI, WEN JIN, CN
[72] ZHANG, BO, CN
[72] LIU, YU, CN
[71] COLGATE-PALMOLIVE COMPANY, US
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[51] **Int.Cl. A46B 5/02 (2006.01)**
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[54] **ORAL CARE IMPLEMENT**
[54] **OUTIL DE SOIN BUCCAL**
[72] XI, WEN JIN, CN
[72] MOSKOVICH, ROBERT, US
[72] GUO, GUANG SHENG, CN
[72] NELSON, STEPHEN, US
[72] STORZ, JOACHIM, AT
[72] MUELLER, FELIX, DE
[71] COLGATE-PALMOLIVE COMPANY, US
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[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/00 (2006.01) A61B 90/30 (2016.01) A61B 17/064 (2006.01)**
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[54] **APPLICATOR INSTRUMENTS HAVING END CAPS WITH GRIPPING FEATURES**
[54] **INSTRUMENTS APPLICATEURS MUNIS DE CAPUCHONS D'EXTREMITES A ELEMENTS DE PREHENSION**
[72] CARDINALE, MICHAEL, US
[72] COHN, SIMON, US
[72] GUO, JIANXIN, US
[72] KENYON, MARK D., US
[71] ETHICON LLC, US
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[25] EN
[54] **ELECTRON PARAMAGNETIC RESONANCE (EPR) SYSTEMS WITH ACTIVE CANCELLATION**
[54] **SYSTEMES DE RESONANCE PARAMAGNETIQUE ELECTRONIQUE (RPE) A SUPPRESSION ACTIVE**
[72] BABAKHANI, AYDIN, US
[72] YANG, XUEBEI, US
[71] WILLIAM MARSH RICE UNIVERSITY, US
[85] 2017-11-15
[86] 2016-05-18 (PCT/US2016/033077)
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[51] **Int.Cl. G01C 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR MONITORING EARLY SUBSIDENCE OF ROOF DURING FULLY-MECHANIZED SOLID FILLING MINING**
[54] **METHODE DE SURVEILLANCE DE REMPLISSAGE HATIF DE PLAFOND PENDANT UNE EXPLOITATION MINIERE DE REMPLISSAGE DE SOLIDES ENTIEREMENT MECANISEE**
[72] ZHANG, QIANG, CN
[72] ZHANG, JIXIONG, CN
[72] MEI, XIANCHENG, CN
[72] SUN, QIANG, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2017-11-16
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[51] **Int.Cl. A61C 17/02 (2006.01) A61C 17/028 (2006.01) A61C 17/36 (2006.01)**
[25] EN
[54] **CLEANING APPLIANCE**
[54] **APPAREIL DE NETTOYAGE**
[72] FOLLOWS, THOMAS, GB
[72] BEX-RUSSELL, WILLIAM, GB
[72] COURTNEY, STEPHEN, GB
[72] JONES, JASON, GB
[71] DYSON TECHNOLOGY LIMITED, GB
[85] 2017-11-15
[86] 2016-04-25 (PCT/GB2016/051146)
[87] (WO2016/185163)
[30] GB (1508368.6) 2015-05-15

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[51] **Int.Cl. A61C 17/02 (2006.01) A61C 17/028 (2006.01) A61C 17/22 (2006.01) A61C 17/36 (2006.01)**
[25] EN
[54] **CLEANING APPLIANCE**
[54] **APPAREIL DE NETTOYAGE**
[72] FOLLOWS, THOMAS, GB
[72] BEX-RUSSELL, WILLIAM, GB
[72] STICKNEY, TIMOTHY, GB
[72] COURTNEY, STEPHEN, GB
[72] LEMON, GRAHAM, GB
[72] JONES, JASON, GB
[71] DYSON TECHNOLOGY LIMITED, GB
[85] 2017-11-15
[86] 2016-04-25 (PCT/GB2016/051147)
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[30] GB (1508367.8) 2015-05-15

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[51] **Int.Cl. G02B 6/34 (2006.01) G06F 3/01 (2006.01) G06F 3/03 (2006.01)**
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[54] **DUAL COMPOSITE LIGHT FIELD DEVICE**
[54] **DISPOSITIF DE CHAMP DE LUMIERE COMPOSITE DOUBLE**
[72] KAEHLER, ADRIAN, US
[71] MAGIC LEAP, INC., US
[85] 2017-11-15
[86] 2016-05-19 (PCT/US2016/033343)
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[51] **Int.Cl. A46B 13/04 (2006.01) A61C 17/16 (2006.01) A61C 17/22 (2006.01) A61C 17/28 (2006.01) A61C 17/36 (2006.01)**
[25] EN
[54] **CLEANING APPLIANCE**
[54] **APPAREIL DE NETTOYAGE**
[72] FOLLOWS, THOMAS, GB
[72] BEX-RUSSELL, WILLIAM, GB
[72] STICKNEY, TIMOTHY, GB
[72] COURTNEY, STEPHEN, GB
[72] GAMMACK, PETER, GB
[71] DYSON TECHNOLOGY LIMITED, GB
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[86] 2016-04-25 (PCT/GB2016/051148)
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[30] GB (1508366.0) 2015-05-15

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[51] **Int.Cl. G02B 6/34 (2006.01) G06F 3/01 (2006.01)**
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[54] **ILLUMINATOR**
[54] **BLOC D'ECLAIRAGE**
[72] KAEHLER, ADRIAN, US
[71] MAGIC LEAP, INC., US
[85] 2017-11-15
[86] 2016-05-19 (PCT/US2016/033345)
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[54] **SYSTEM AND METHOD FOR COLOR RETARGETING**
[54] **SYSTEME ET PROCEDE DE RECIBLAGE DE COULEURS**
[72] AKHAVAN, TARA, CA
[72] REZAGHOLIZADEH, MEHDI, CA
[72] SOUDI, AFSOON, CA
[71] IRYSTEC SOFTWARE INC., CA
[85] 2017-11-16
[86] 2016-05-19 (PCT/CA2016/050565)
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[25] EN
[54] **HEAVY-DUTY DETERGENT SHEET WITH A REGULATED PHASE EMISSION DIFFUSION OF THE DETERGENT SUBSTANCES**
[54] **LINGETTE DE LESSIVE A DIFFUSION EN PHASES REGULEES DES SUBSTANCES LAVANTES ACTIVES**
[72] MAUSBERG, MARCUS, DE
[72] PULINA, MICHAEL, DE
[71] COIN CONSULTING UG (HAFTUNGSBESCHRANKT), DE
[85] 2017-11-16
[86] 2015-06-11 (PCT/DE2015/000279)
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[30] DE (10 2014 008 585.6) 2014-06-17

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[51] **Int.Cl. G01C 21/00 (2006.01)**
[25] EN
[54] **PIN RAIL STRESS CHANGE BASED WIRELESS POSITIONING SYSTEM AND METHOD FOR SHEARER**
[54] **MECANISME DE POSITIONNEMENT SANS FIL FONDE SUR LE CHANGEMENT DE CONTRAINTE SUR LE RATELIER ET METHODE DESTINEE A UN CISAILLEUR**
[72] LI, WEI, CN
[72] ZHANG, XING, CN
[72] LU, MINGLI, CN
[72] YANG, SHANGUO, CN
[72] YANG, ZHIMING, CN
[72] MIN, LINGJIANG, CN
[72] YANG, HAIJUN, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[71] LIANYUNGANG TIANMING EQUIPMENT CO., LTD., CN
[85] 2017-11-16
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[25] EN
[54] **OPTICAL SOURCES FOR FLUORESCENT LIFETIME ANALYSIS**
[54] **SOURCES OPTIQUES POUR UNE ANALYSE DE DUREE DE VIE DE FLUORESCENCE**
[72] ROTHBERG, JONATHAN M., US
[72] SICKLER, JASON W., US
[72] WEST, LAWRENCE C., US
[72] AHMAD, FAISAL, US
[72] HUANG, BRENDAN, US
[72] GLENN, PAUL E., US
[72] SCHULTZ, JONATHAN C., US
[72] CAMARA, JOSE, US
[71] QUANTUM-SI INCORPORATED, US
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[30] US (62/164,485) 2015-05-20
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[30] US (62/164,506) 2015-05-20
[30] US (14/821,656) 2015-08-07
[30] US (62/296,546) 2016-02-17
[30] US (62/310,398) 2016-03-18

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[13] A1
[51] **Int.Cl. C11D 17/04 (2006.01) C11D 17/08 (2006.01)**
[25] EN
[54] **HEAVY-DUTY DETERGENT SHEET WITH TEMPERATURE-DEPENDENT ACTIVATION OF THE DETERGENT SUBSTANCES**
[54] **LESSIVE TOUS TEXTILES EN LINGETTE DONT LES SUBSTANCES DETERGENTES SONT ACTIVEES DE MANIERE VARIABLE EN FONCTION DE LA TEMPERATURE**
[72] MAUSBERG, MARCUS, DE
[71] COIN CONSULTING UG (HAFTUNGSBESCHRANKT), DE
[85] 2017-11-16
[86] 2015-06-11 (PCT/DE2015/000280)
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[30] DE (10 2014 008 586.4) 2014-06-17

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[25] EN
[54] **GENERATING INDUCED NEURAL PROGENITOR CELLS FROM BLOOD**
[54] **GENERATION DE CELLULES PROGENITRICES NEURALES INDUITES, A PARTIR DE SANG**
[72] BHATIA, MICKIE, CA
[72] LEE, JONG-HEE, CA
[72] MITCHELL, RYAN, CA
[72] COLLINS, TONY, CA
[71] MCMASTER UNIVERSITY, CA
[85] 2017-11-16
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[87] (WO2016/183682)
[30] US (62/164,222) 2015-05-20

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[51] **Int.Cl. C02F 1/08 (2006.01) C02F 1/16 (2006.01) C02F 1/52 (2006.01) C02F 5/02 (2006.01)**
[25] EN
[54] **TRANSIENTLY-OPERATED DESALINATION SYSTEMS AND ASSOCIATED METHODS**
[54] **SYSTEMES DE DESSALEMENT A FONCTIONNEMENT TRANSITOIRE ET PROCEDES ASSOCIES**
[72] GOVINDAN, PRAKASH NARAYAN, US
[72] ST. JOHN, MAXIMUS G., US
[72] LAM, STEVEN, US
[72] ZALOUDEK, MARK, US
[72] CHEHAYEB, KARIM M., LB
[72] SHAH, SAMAR, US
[71] GRADIANT CORPORATION, US
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[87] (WO2016/187587)
[30] US (14/719,189) 2015-05-21
[30] US (14/719,239) 2015-05-21
[30] US (62/165,150) 2015-05-21
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[51] **Int.Cl. C11D 17/04 (2006.01)**
[25] EN
[54] **HEAVY-DUTY DETERGENT SHEET CONTAINING A WASHING-ACTIVE SUBSTRATE**
[54] **LINGETTE A DETERGENT TOUS LAVAGES MUNIE D'UN SUBSTRAT DETERGENT**
[72] MAUSBERG, MARCUS, DE
[72] PULINA, MICHAEL, DE
[72] ADLER, JOST, DE
[71] COIN CONSULTING GMBH, DE
[85] 2017-11-16
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[54] **WATERPROOF TOP DOOR FOR TRAILER**
[54] **PORTE SUPERIEURE IMPERMEABLE POUR REMORQUE**
[72] LEES, RICK, CA
[72] MAERTENS, ANDREW JOSEPH, CA
[72] KLOEPFER, MICHAEL, CA
[71] TITAN TRAILERS INC., CA
[85] 2017-11-16
[86] 2016-06-20 (PCT/CA2016/050719)
[87] (WO2016/205930)
[30] US (62/183,419) 2015-06-23

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[51] **Int.Cl. G06Q 20/38 (2012.01)**
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[54] **OBFUSCATION OF INTENT IN TRANSACTIONS USING CRYPTOGRAPHIC TECHNIQUES**
[54] **OBSCURCISSEMENT DE L'INTENTION DANS DES TRANSACTIONS AU MOYEN DE TECHNIQUES CRYPTOGRAPHIQUES**
[72] WILKINS, ALEC, US
[72] FISH, ERIC NATHANIEL, US
[72] LARSON, TRENT NORMAN, US
[71] T0.COM, INC., US
[85] 2017-11-15
[86] 2016-05-25 (PCT/US2016/034130)
[87] (WO2017/027082)
[30] US (62/166,515) 2015-05-26

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **AN AEROSOL GENERATING DEVICE AND CAPSULE**
[54] **DISPOSITIF DE GENERATION D'AEROSOL ET CAPSULE**
[72] CARROLL, JAMES THOMAS, IE
[72] BRYCE, LYNDSEY ALICE, IE
[72] MURPHY, CHRISTOPHER WILLIAM, IE
[71] JT INTERNATIONAL SA, CH
[85] 2017-11-16
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[87] (WO2016/184824)
[30] EP (15168224.2) 2015-05-19

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[51] **Int.Cl. G01L 5/04 (2006.01)**
[25] EN
[54] **METHOD FOR ESTIMATING TENSION OF CHAIN OF SCRAPER CONVEYOR**
[54] **PROCEDE D'ESTIMATION DE TENSION DE CHAINE D'ENTRAINEUR A RACLOIRS**
[72] ZHU, ZHENCAI, CN
[72] LI, WEI, CN
[72] ZHANG, XING, CN
[72] JIANG, FAN, CN
[72] ZHOU, GONGBO, CN
[72] PENG, YUXING, CN
[72] CAO, GUOHUA, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
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[86] 2016-12-02 (PCT/CN2016/108402)
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[30] CN (201610128280.3) 2016-03-07

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[51] **Int.Cl. C21D 7/02 (2006.01) C22C 38/38 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A COMPONENT MADE OF AUSTENITIC STEEL**
[54] **PROCEDE DE FABRICATION D'UN COMPOSANT FAIT D'ACIER AUSTENITIQUE**
[72] FROHLICH, THOMAS, DE
[72] LINDNER, STEFAN, DE
[71] OUTOKUMPU OYJ, FI
[85] 2017-11-16
[86] 2016-05-23 (PCT/EP2016/061560)
[87] (WO2016/188948)
[30] EP (15168786.0) 2015-05-22

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[51] **Int.Cl. B66B 7/04 (2006.01) B66B 7/02 (2006.01) F16F 7/14 (2006.01)**
[25] EN
[54] **SHOCK-ABSORBING AND ENERGY-COLLECTING ROLLER CAGE SHOE**
[54] **PATIN DE CAGE A ROULEAUX ABSORBANT LES CHOCS ET RECUEILLANT L'ENERGIE**
[72] PENG, YUXING, CN
[72] WANG, YADONG, CN
[72] ZHU, ZHENCAI, CN
[72] ZHOU, GONGBO, CN
[72] SHI, ZHIYUAN, CN
[72] CAO, GUOHUA, CN
[72] LIU, SONGYONG, CN
[72] LI, WEI, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2017-11-16
[86] 2016-12-07 (PCT/CN2016/108879)
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[30] CN (2016100546946) 2016-01-27

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/505 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **COMBINATION OF AN ANTI-CD19 ANTIBODY AND A BRUTON'S TYROSINE KINASE INHIBITOR AND USES THEREOF**
[54] **COMBINAISON D'UN ANTICORPS ANTI-CD19 ET D'UN INHIBITEUR DE LA TYROSINE KINASE DE BRUTON ET UTILISATIONS DE CEUX-CI**
[72] ENDELL, JAN, DE
[72] BOXHAMMER, RAINER, DE
[72] WINDERLICH, MARK, DE
[71] MORPHOSYS AG, DE
[85] 2017-11-16
[86] 2016-05-25 (PCT/EP2016/061744)
[87] (WO2016/189014)
[30] EP (15169124.3) 2015-05-26
[30] EP (15196860.9) 2015-11-27

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[13] A1
[51] **Int.Cl. B65D 77/20 (2006.01) B65B 7/28 (2006.01) B65B 51/22 (2006.01)**
[25] EN
[54] **LID ASSEMBLY FOR A PACKING CONTAINER, PACKING CONTAINER WITH SUCH A LID ASSEMBLY, AND METHOD FOR MANUFACTURING SAME**
[54] **ASSEMBLAGE DE COUVERCLE DESTINE A UN CONTENANT D'EMBALLAGE, CONTENANT D'EMBALLAGE COMPORTANT UN TEL COUVERCLE, ET METHODE DE FABRICATION ASSOCIEE**
[72] HAUCK, PETER, DE
[72] GERBER, EUGEN, DE
[72] ZIMMERMANN, JOACHIM, DE
[72] KOCKSCH, HOLGER, DE
[71] SONOCO DEVELOPMENT INC., US
[85] 2017-11-16
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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/22 (2006.01) A63B 24/00 (2006.01) A63B 69/00 (2006.01) A63B 23/12 (2006.01)**
[25] FR
[54] **INSTRUMENTED DEVICE FOR ASSESSING AND QUANTIFYING PHYSIOLOGICAL PARAMETERS OF THE UPPER LIMBS OF AN ATHLETE AND ASSOCIATED METHOD**
[54] **DISPOSITIF INSTRUMENTE D'EVALUATION ET DE QUANTIFICATION DE PARAMETRES PHYSIOLOGIQUES DES MEMBRES SUPERIEURS D'UN SPORTIF ET PROCEDE ASSOCIE**
[72] VIGOUROUX, LAURENT, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS, FR
[71] UNIVERSITE D'AIX MARSEILLE, FR
[85] 2017-11-16
[86] 2016-05-25 (PCT/EP2016/061777)
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[30] FR (1554666) 2015-05-25

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[51] **Int.Cl. A61F 9/008 (2006.01) A61F 9/009 (2006.01)**
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[54] **TISSU TEXTILE COMPORTANT UN FINI HYDROFUGE ET METHODE DE PRODUCTION ASSOCIEE**
[72] HARTERT, RUDIGER, DE
[71] TEIJIN ARAMID GMBH, DE
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[54] **UTILISATION DES EAUX USEES ET DE L'EAU DE PLUIE**
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[71] WATFLO SYSTEMS LIMITED, GB
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[54] **METHODS FOR THE IN PLANTA TRANSFORMATION OF PLANTS AND MANUFACTURING PROCESSES AND PRODUCTS BASED AND OBTAINABLE THEREFROM**
[54] **PROCEDES DE TRANSFORMATION IN PLANTA DE VEGETAUX ET PROCEDES DE FABRICATION ET PRODUITS A BASE DE CES DERNIERS, ET POUVANT ETRE OBTENUS A PARTIR DE CES DERNIERS**
[72] MARTIN-ORTIGOSA, SUSANA, DE
[72] HARLING, HINRICH, DE
[72] NIESSEN, MARKUS, DE
[71] KWS SAAT SE, DE
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[54] **PROCEDE ET SYSTEME POUR MODULE DE REMPLACEMENT A INCANDESCENCE A BASE DE DIODES ELECTROLUMINESCENTES POUR DISPOSITIF DE SIGNALISATION DE CHEMIN DE FER**
[72] FAN, YU FELIX, CA
[72] TAVERNESE, LUIGI, CA
[72] URTIGA, LUCAS, CA
[72] DUBUC, EDEN, CA
[71] GE LIGHTING SOLUTIONS, LLC, US
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[54] **PROCEDE D'ACTIVATION ET DE PRECIPITATION DE LA LIGNINE**
[72] WIKBERG, HANNE, FI
[72] OHRA-AHO, TAINA, FI
[72] LEPPAVUORI, JUHA, FI
[72] LIITIA, TIINA, FI
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[54] **MAGNETICALLY IMMOBILIZED MICROBIOCIDAL ENZYMES**
[54] **ENZYMES MICROBICIDES IMMOBILISES MAGNETIQUEMENT**
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[71] ZYMTRONIX, LLC, US
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[72] GEVA, AMIR B., IL
[72] DEOUELL, LEON Y., IL
[72] VAISMAN, SERGEY, IL
[72] HARISH, OMRI, IL
[72] MANOR, RAN EL, IL
[72] NETZER, EITAN, IL
[72] SHALGI, SHANI, IL
[71] INNEREYE LTD., IL
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[54] **MEMBRANE ECHANGEUSE D'IONS**
[72] NAKAJIMA, ATSUSHI, JP
[72] SAKAMOTO, NAOKI, JP
[72] MORIKAWA, TAKUYA, JP
[71] ASAHI KASEI KABUSHIKI KAISHA, JP
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[54] **ION EXCHANGE MEMBRANE**
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[72] AJISAKA, YASUO, JP
[72] KADO, YOSHIFUMI, JP
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[54] **DISPOSITIF DE DIAGNOSTIC DE DEFAILLANCE ET PROCEDE DE DIAGNOSTIC DE DEFAILLANCE**
[72] SHIMIZU, TOSHIYUKI, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **NITRILE GROUP-CONTAINING HIGHLY SATURATED COPOLYMER RUBBER**
[54] **CAOUTCHOUC DE COPOLYMERE HAUTEMENT SATURE, CONTENANT UN GROUPE NITRILE**
[72] SHIONO, ATSUHIRO, JP
[71] ZEON CORPORATION, JP
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[54] **NITRILE GROUP-CONTAINING HIGHLY SATURATED COPOLYMER RUBBER**
[54] **CAOUTCHOUC A BASE D'UN COPOLYMERE FORTEMENT SATURE, CONTENANT UN GROUPE NITRILE**
[72] SHIONO, ATSUHIRO, JP
[71] ZEON CORPORATION, JP
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[54] **NOVEL ANTI-HUMAN NGF ANTIBODY FAB FRAGMENT**
[54] **NOUVEAU FRAGMENT FAB D'ANTICORPS CONTRE LE NGF HUMAIN**
[72] TANAKA, HIROTSUGU, JP
[72] FUJITA, HIROTADA, JP
[72] AOKI, TOSHIAKI, JP
[71] ASTELLAS PHARMA INC., JP
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[54] **PROCEDE DE PRODUCTION D'UN ACIDE GRAS FORTEMENT INSATURE DE PURETE ELEVEE A UN RENDEMENT ELEVE**
[72] TABATA, HIROSHI, JP
[72] TAIRA, TETSURO, JP
[72] FUJII, JUN, JP
[72] MISAWA, YOSHIHISA, JP
[72] SHIMIZU, YOSHIO, JP
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[54] **UNITE DE CLIMATISATION POUR VEHICULE**
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[71] DENSO CORPORATION, JP
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[54] **OLIGOPEPTIDE AYANT UNE ACTIVITE D'INHIBITION DE LA SECRETION DE CYTOKINE PRO-INFLAMMATOIRE**
[72] SHIMAMURA, MUNEHISA, JP
[72] NAKAGAMI, HIRONORI, JP
[72] KURINAMI, HITOMI, JP
[72] MORISHITA, RYUICHI, JP
[71] OSAKA UNIVERSITY, JP
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[54] **SYSTEM AND METHOD FOR HEAT TREATMENT OF SLUDGE**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT THERMIQUE DE BOUES**
[72] OHMAN, FREDRIK, SE
[72] LUNDQVIST, FREDRIK, SE
[72] ODEN, ERIK, SE
[71] C-GREEN TECHNOLOGY AB, SE
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[54] **LIGHTWEIGHT COMPOSITE MATERIALS PRODUCED FROM CARBONATABLE CALCIUM SILICATE AND METHODS THEREOF**
[54] **MATERIAUX COMPOSITES LEGERS PRODUITS A PARTIR DE SILICATE DE CALCIUM POUVANT ETRE CARBONATE ET PROCEDES ASSOCIES**
[72] ATAKAN, VAHIT, US
[72] SAHU, SADANDA, US
[72] TAKASE, HIROTAKA, JP
[72] KAMATA, TAKAYUKI, JP
[72] KANNO, KATSUHIKO, JP
[72] FUKASAWA, YOSHIHITO, JP
[72] DEO, OMKAR, US
[72] VUONG, DAVID, US
[71] SOLIDIA TECHNOLOGIES, INC., US
[71] ASAHI KASEI CONSTRUCTION MATERIALS CORPORATION, JP
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[54] **ENSEMBLE D'AFFICHAGE A CRISTAUX LIQUIDES**
[72] VAN ESBROECK, HUBERTUS THEODORUS PETRUS, SG
[72] SHARMA, DEVANSH, SG
[72] LAM, SIU HON, SG
[72] CHIN, KAH FAI, SG
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[72] ZHOU, MING, US
[71] SAREPTA THERAPEUTICS, INC., US
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[54] **NOYAU POUR TRANSFORMATEUR TRIPHASE, ET TRANSFORMATEUR TRIPHASE**
[72] MATARAZZO, MICHAEL, AU
[72] RIDGWAY, MARK, AU
[71] AEM CORES PTY LTD, AU
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[54] **COMBINATION OF AN ANTI-IL-10 ANTIBODY AND A CPG-C TYPE OLIGONUCLEOTIDE FOR TREATING CANCER**
[54] **COMBINAISON D'UN ANTICORPS ANTI-IL-10 ET D'UN OLIGONUCLEOTIDE DE TYPE CPG-C POUR LE TRAITEMENT DU CANCER**
[72] YU, YING, US
[72] CHARTASH, ELLIOT KEITH, US
[72] SADEKOVA, SVETLANA, US
[72] PHAN, UYEN TRUONG, US
[72] KASTELEIN, ROBERT A., US
[72] COFFMAN, ROBERT L., US
[72] GUIDUCCI, CRISTIANA, US
[72] JANSSEN, ROBERT S., US
[71] MERCK SHARP & DOHME CORP., US
[71] DYNAVAX TECHNOLOGIES CORPORATION, US
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[54] **METHOD AND SYSTEM FOR SECURING A TRACKING DEVICE TO A COMPONENT**
[54] **PROCEDE ET SYSTEME POUR FIXER UN DISPOSITIF DE SUIVI A UN COMPOSANT**
[72] SMITH, PRESTON CRAY, US
[72] PHELPS, RONNIE DWAINE, US
[71] TEXAS NAMEPLATE COMPANY, INC., US
[85] 2017-11-16
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[54] **UPPER AIRWAY STIMULATOR SYSTEMS FOR OBSTRUCTIVE SLEEP APNEA**
[54] **SYSTEMES DE STIMULATEUR DE VOIES AERIENNES SUPERIEURES POUR APNEE OBSTRUCTIVE DU SOMMEIL**
[72] KEENAN, DESMOND B., US
[72] HANSEN, MORTEN, US
[72] DEARDEN, BRIAN R., US
[72] SCHMIDT, SIEGMAR, US
[72] DAI, WILLIAM A., US
[71] THE ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH, US
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[54] **SURFACTANT-STABILIZED CYCLOHEXANEDIOXIDE OXIME FORMULATIONS**
[54] **FORMULATIONS D'OXIME DE DIOXYDE DE CYCLOHEXANE STABILISEES PAR AGENT TENSIO-ACTIF**
[72] ZHANG, HONG, US
[72] MARTIN, CRAIG ARLEN, US
[72] STREET, JOHN RICHARD, GB
[72] GOLDSMITH, ANDREW EVELYN, GB
[72] GROOME, JOHN MARTIN, GB
[72] BELL, MARK, GB
[71] ARYSTA LIFESCIENCE NORTH AMERICA, LLC, US
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[51] **Int.Cl. G06F 19/28 (2011.01)**
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[54] **EVENT BASED SYSTEM AND METHOD FOR MANAGING CLINICAL TRIAL DATA**
[54] **SYSTEME ET PROCEDE D'EVENEMENTS DESTINES A LA GESTION DE DONNEES D'ESSAIS CLINIQUES**
[72] THOMPSON, NATE, US
[72] SHOUGH, JONATHAN, US
[72] PARRIS, SEAN, US
[72] WHITAKER, JOHN, US
[72] NGUYEN, TA, US
[72] PRAKASH, NATARAJ, US
[72] JONES, JOHN RANDAL, US
[71] INC RESEARCH, LLC, US
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[54] **PROCEDES DE CIBLAGE D'APE1/REF -1 POUR INHIBER LES GENES DE SIGNALISATION DE L'HYPOXIE**
[72] KELLEY, MARK R., US
[72] FISHEL, MELISSA, US
[71] INDIANA UNIVERSITY RESEARCH & TECHNOLOGY CORPORATION, US
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[86] 2016-05-05 (PCT/US2016/030904)
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[30] US (62/164,795) 2015-05-21
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[25] EN
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[54] **SYNTHESE DE NANOTUBES DE NITRURE DE BORE PAR INDUCTION DIRECTE**
[72] SMITH, MICHAEL W., US
[72] JORDAN, KEVIN C., US
[72] STEVENS, JONATHAN C., US
[72] WHITNEY, R. ROY, US
[71] BNNT, LLC, US
[85] 2017-11-15
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[54] **VIRUS ADENO-ASSOCIE POUR UNE ADMINISTRATION THERAPEUTIQUE AU SYSTEME NERVEUX CENTRAL**
[72] MCIVOR, R. SCOTT, US
[72] BELUR, LALITHA R., US
[72] KOZARSKY, KAREN, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[71] REGENXBIO INC., US
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[54] **ACIER RESISTANT A LA CORROSION, SON PROCEDE DE PRODUCTION ET SON UTILISATION**
[72] GOMES, CHRISTELLE, FR
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[54] **FILTRE A SUIE CATALYSE A UTILISER DANS UNE REDUCTION CATALYTIQUE SELECTIVE PASSIVE**
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[72] GRUBERT, GERD, DE
[72] HILGENDORFF, MARCUS, DE
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[54] **SYSTEMES ET PROCEDES PERMETTANT DE FACILITER DES REACTIONS DANS DES GAZ A L'AIDE D'ONDES DE CHOC PRODUITES DANS UN TOURBILLON GAZEUX SUPERSONIQUE**
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[72] KEATING, WILLIAM, AU
[72] LOWE, DAVID, AU
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[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **SYSTEMES CRISPR/CAS9 OPTIMISES ET PROCEDES D'EDITION DE GENES DANS DES CELLULES SOUCHES**
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[72] GUMBLETON, MATTHEW, US
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[54] **COMPOSITIONS IMMUNOGENES A BASE DU VIRUS DE L'HEPATITE C ET PROCEDES D'UTILISATION**
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[72] LAW, JOHN L., CA
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[54] **ENANTIOMERES DE TETRAHYDRO-N,N-DIMETHYL-2,2-DIPHENYL-3-FURANMETHANAMINE (ANAVEX2-73) ET LEUR UTILISATION DANS LE TRAITEMENT DE LA MALADIE D'ALZHEIMER ET D'AUTRES TROUBLES A MODULATION PAR LE RECEPTEUR SIGMA 1**
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[54] **FORMES CRISTALLINES DU CHLORHYDRATE DE TETRA-HYDRO-N,N-DIMETHYL-2,2-DIPHENYL-3-FURANE-METHANAMINE, PROCEDES DE PREPARATION DESDITES FORMES, ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**
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[72] LEONARD, LUCY ANNE, GB
[72] LEDGER, DANIEL MARK, GB
[72] DAINTREE, LINDA SHARON, GB
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[54] **INHIBITION DE SHIP POUR INDUIRE L'EXPRESSION DU FACTEUR DE STIMULATION DES COLONIES DE GRANULOCYTES CHEZ UN SUJET**
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[72] GILAD-GILOR, DAVID, IL
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[54] **MATERIAU POUR PROTHESE DENTAIRE, CORPS DE BLOC POUR PRODUIRE UNE PROTHESE DENTAIRE, ET PROTHESE DENTAIRE**
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[72] MASHIO, GO, JP
[72] FUJIMOTO, TATSUYA, JP
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[54] **COPOLYMERE BLOC ACRYLIQUE, COMPOSITION DE RESINE ET ARTICLE FORME LES INCLUANT, ET COMPOSANTE OPTIQUE**
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[72] OSHIMA, HIROSHI, JP
[71] KURARAY CO., LTD., JP
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[54] **COMBINAISON DE PEPTIDE D'ANTIGENE WT1 ET D'IMMUNOMODULATEUR**
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[72] NAKAMURA, MEGUMI, JP
[72] GOTO, MASASHI, JP
[72] SUGINOBE, NATSUKO, JP
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[54] **COMMUNICATION MULTI-SCHEMA UTILISANT UN RESEAU SUR COURANT PORTEUR**
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[72] OLSON, VERNE, US
[72] BONICATTO, DAMIAN, US
[71] LANDIS+GYR TECHNOLOGIES, LLC, US
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[72] BOIRE, TIMOTHY C., US
[72] BROPHY, COLLEEN, US
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[72] BERTINI, GLEN J., US
[72] SONGRAS, DONALD R., US
[72] NEWTON, MARK, US
[72] STEELE, JAMES, US
[71] NOVINIUM, INC., US
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[54] **COMPOSITIONS ANTIMOUSSE A BASE D'OXYDE DE POLYAMINE POLYALCOXYLE**
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[72] CHEN, YING, US
[71] GCP APPLIED TECHNOLOGIES INC., US
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[54] **COMPOSANT DE BASE ET UN COMPOSANT RFID POUR CREATION D'IMAGES 3D**
[72] BERGQVIST, GORAN L., SE
[71] ADVANCED TECHNICAL SOLUTIONS IN SCANDINAVIA AB, SE
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[54] **SUPPORTED WATER VAPOR TRANSPORT MEMBRANE COMPRISING POLYETHYLENE OXIDE COPOLYMER**
[54] **MEMBRANE DE TRANSPORT DE VAPEUR D'EAU SOUTENUE COMPRENANT UN COPOLYMERE D'OXYDE DE POLYETHYLENE**
[72] HUIZING, RYAN NICHOLAS, CA
[72] CHEN, HAO, CA
[72] WONG, FRANKIE KIN BONG, CA
[71] DPOINT TECHNOLOGIES INC., CA
[85] 2017-11-17
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[30] US (62/168,724) 2015-05-30

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[51] **Int.Cl. A61H 23/06 (2006.01) A61H 1/00 (2006.01) A61H 23/00 (2006.01)**
[25] EN
[54] **PORTABLE THERAPEUTIC APPARATUS**
[54] **APPAREIL THERAPEUTIQUE PORTABLE**
[72] HOWSON, CHRIS, US
[71] MYOROM SPORTS MED II, LLC, US
[85] 2017-11-17
[86] 2016-05-17 (PCT/US2016/032888)
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[54] **ENHANCED MELANOMA CANCER PREVENTION BY NOVEL MELANOTROPINS**
[54] **AMELIORATION DE LA PREVENTION DU CANCER PAR DE NOUVELLES MELANOTRINES**
[72] HRUBY, VICTOR J., US
[72] CAI, MINYING, US
[71] THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
[85] 2017-11-17
[86] 2016-05-18 (PCT/US2016/033010)
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[25] EN
[54] **EFFICIENT SURFACTANT SYSTEM ON PLASTIC AND ALL TYPES OF WARE**
[54] **SYSTEME TENSIOACTIF EFFICACE SUR MATIERE PLASTIQUE ET TOUS TYPES DE MARCHANDISE**
[72] KIEFFER, JANEL M., US
[72] EVERSON, TERRENCE P., US
[72] DAILEY, JAMES S., US
[72] GESSNER, THOMAS, US
[72] TROPSCH, JUERGEN, DE
[71] ECOLAB USA INC., US
[71] BASF SE, DE
[85] 2017-11-17
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[30] US (62/163,454) 2015-05-19

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[54] **EFFICIENT SURFACTANT SYSTEM ON PLASTIC AND ALL TYPES OF WARE**
[54] **SYSTEME TENSIOACTIF EFFICACE SUR LES PLASTIQUES ET TOUS TYPES DE MATIERES**
[72] KIEFFER, JANEL M., US
[72] EVERSON, TERRENCE P., US
[72] DAILEY, JAMES S., US
[72] GESSNER, THOMAS, US
[72] TROPSCH, JUERGEN, DE
[71] ECOLAB USA INC., US
[71] BASF SE, DE
[85] 2017-11-17
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[54] **INJECTABLE THERAPEUTIC BIOCOMPATIBLE CO-POLYMERS AND METHODS OF MAKING AND USING SAME**
[54] **COPOLYMERES BIOCOMPATIBLES THERAPEUTIQUES INJECTABLES, LEURS PROCEDES DE PRODUCTION ET LEURS METHODES D'UTILISATION**
[72] MENDENHALL, JUANA, US
[71] MENDENHALL, JUANA, US
[85] 2017-11-17
[86] 2016-05-18 (PCT/US2016/033114)
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[30] US (62/162,989) 2015-05-18

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[54] **GALANTAMINE CLEARANCE OF AMYLOID.BETA.**
[54] **CLAIRANCE DE GALANTAMINE D'AMYLOIDE.BETA.**
[72] DAVIS, BONNIE M., US
[71] SYNAPTEC DEVELOPMENT LLC, US
[85] 2017-11-17
[86] 2016-05-18 (PCT/US2016/033132)
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[25] EN
[54] **IN VITRO CELL CULTURE METHODS FOR BETA-THALASSEMIA USING ACTIVIN TYPE II RECEPTOR LIGAND TRAPS**
[54] **PROCEDES DE CULTURE DE CELLULES IN VITRO POUR LA BETA-THALASSEMIE A L'AIDE DE PIEGES A LIGANDS DU RECEPTEUR DE L'ACTIVINE DE TYPE II**
[72] SUNG, VICTORIA, US
[72] CAPPELLINI, MARIA, IT
[71] CELGENE CORPORATION, US
[71] CAPPELLINI, MARIA, IT
[85] 2017-11-17
[86] 2016-05-19 (PCT/US2016/033187)
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[54] **PROTECTIVE CONNECTOR AND APPLICATIONS THEREOF**
[54] **CONNECTEUR DE PROTECTION ET APPLICATIONS ASSOCIEES**
[72] MIKELSON, CHRISTOPHER SEARS, US
[72] PLATTNER, CHAD, US
[71] THE CLIMATE CORPORATION, US
[85] 2017-11-17
[86] 2016-05-19 (PCT/US2016/033202)
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[54] **ANTI-CD37 IMMUNOCONJUGATE AND ANTI-CD20 ANTIBODY COMBINATIONS**
[54] **COMBINAISONS D'IMMUNOCONJUGUES ANTI-CD37 ET D'ANTICORPS ANTI-CD20**
[72] ROMANELLI, ANGELA, US
[72] RUIZ-SOTO, RODRIGO R., US
[72] PONTE, JOSE, US
[72] DECKERT, JUTTA, US
[72] PINKAS, JAN, US
[71] DEBIOPHARM INTERNATIONAL, S.A., CH
[85] 2017-11-17
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[87] (WO2016/200676)
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[54] **SCAFFOLD LOADING AND DELIVERY SYSTEMS**
[54] **SYSTEMES DE CHARGEMENT ET DE DISTRIBUTION DE SUPPORT**
[72] HELMICK, MARC, US
[72] MERLO, JONATHAN, US
[72] CORE, LEE, US
[72] PHAM, QUYNH, US
[72] PROSTROLLO, ANTHONY, US
[72] PAULSON, ROSS, US
[72] PETERSON, DANIELLE, US
[72] PRAHL, GARRETT, US
[72] BEYREIS, RANDALL, US
[72] ROGGEMANN, MICHELE, US
[71] 480 BIOMEDICAL, INC., US
[85] 2017-11-17
[86] 2016-06-29 (PCT/US2016/040102)
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[30] US (62/186,311) 2015-06-29
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[25] EN
[54] **COMBINATION THERAPY OF TRANSCRIPTION INHIBITORS AND KINASE INHIBITORS**
[54] **THERAPIE D'ASSOCIATION UTILISANT DES INHIBITEURS DE TRANSCRIPTION ET DES INHIBITEURS DE KINASES**
[72] HAMMERMAN, PETER, US
[72] WONG, KWOK-KIN, US
[72] GRAY, NATHANAEL S., US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2017-11-17
[86] 2016-06-10 (PCT/US2016/037086)
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[30] US (62/175,077) 2015-06-12
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[25] EN
[54] **VECTORS FOR USE IN AN INDUCIBLE COEXPRESSION SYSTEM**
[54] **VECTEURS DESTINES A ETRE UTILISES DANS UN SYSTEME DE CO-EXPRESSION INDUCTIBLE**
[72] MCCLAIN, SEAH, US
[72] VLASEK, MARK, US
[72] BARISH, PHILIP, US
[72] MINSHULL, JEREMY, US
[71] ABSCI, LLC, US
[85] 2017-11-17
[86] 2016-06-16 (PCT/US2016/037942)
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[30] US (14/740,475) 2015-06-16

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[51] **Int.Cl. A61F 2/04 (2013.01)**
[25] EN
[54] **IMPLANTABLE SCAFFOLDS FOR TREATMENT OF SINUSITIS**
[54] **ECHAFAUDAGES IMPLANTABLES POUR LE TRAITEMENT DE LA SINUSITE**
[72] CHANGCHENG, YOU, US
[72] PHAM, QUYNH, US
[72] CONCAGH, DANNY, US
[71] 480 BIOMEDICAL, INC., US
[85] 2017-11-17
[86] 2016-06-29 (PCT/US2016/040204)
[87] (WO2017/004268)
[30] US (62/186,030) 2015-06-29
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[25] EN
[54] **HYDRATE INHIBITOR CARRYING HYDROGEL**
[54] **HYDROGEL TRANSPORTEUR D'INHIBITEUR D'HYDRATE**
[72] WOOD, COLIN DAVID, AU
[72] SEO, YUTAEK, KR
[72] TIAN, WENDY WENJUN, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2017-11-20
[86] 2016-05-27 (PCT/AU2016/050414)
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[30] AU (2015901954) 2015-05-27
[30] AU (2015904294) 2015-10-20

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[25] EN
[54] **ELECTROCHEMICAL BIOSENSOR**
[54] **BIOCAPTEUR ELECTROCHIMIQUE**
[72] ALEXANDROV, KIRILL, AU
[72] STEIN, VIKTOR, AU
[72] GUO, ZHONG, AU
[71] THE UNIVERSITY OF QUEENSLAND, AU
[85] 2017-11-20
[86] 2016-06-01 (PCT/AU2016/050436)
[87] (WO2016/191812)
[30] AU (2015902093) 2015-06-01

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[54] **FORMULATION AND PROCESS FOR LIMITING NERVE TRAUMA**
[54] **FORMULATION ET PROCEDE POUR LIMITER UN TRAUMATISME NERVEUX**
[72] EVISTON, TIMOTHY J., AU
[72] KRISHNAN, ARUN, AU
[71] NEWSOUTH INNOVATIONS PTY LIMITED, AU
[85] 2017-11-20
[86] 2016-06-02 (PCT/AU2016/050445)
[87] (WO2016/191820)
[30] AU (2015902089) 2015-06-02
[30] AU (2015902669) 2015-07-07
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[51] **Int.Cl. A23K 10/30 (2016.01) A23K 50/30 (2016.01) A23K 50/75 (2016.01) A23K 50/80 (2016.01) A23L 27/10 (2016.01) A61K 36/53 (2006.01) A61K 36/54 (2006.01) C11B 9/00 (2006.01)**
[25] EN
[54] **ESSENTIAL OIL COMPOSITIONS AND APPLICATIONS UTILIZING ESSENTIAL OILS**
[54] **COMPOSITIONS D'HUILES ESSENTIELLES ET APPLICATIONS UTILISANT DES HUILES ESSENTIELLES**
[72] LAMB, RICHARD DALE, US
[71] RALCO NUTRITION, INC., US
[85] 2017-11-17
[86] 2016-05-19 (PCT/US2016/033271)
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[30] US (62/163,625) 2015-05-19

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[51] **Int.Cl. G01B 11/16 (2006.01) G01K 11/32 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS USING OPTICAL FIBER INTERFEROMETRY**
[54] **PROCEDES ET SYSTEMES UTILISANT L'INTERFEROMETRIE A FIBRE OPTIQUE**
[72] HULL, JOHN, CA
[72] JALILIAN, SEYED EHSAN, CA
[71] HIFI ENGINEERING INC., CA
[85] 2017-11-20
[86] 2016-05-19 (PCT/CA2016/050560)
[87] (WO2016/183677)
[30] US (62/165,073) 2015-05-21

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[51] **Int.Cl. H04N 5/64 (2006.01) G09G 5/10 (2006.01)**
[25] EN
[54] **LIGHT SOURCE CONTROL FOR DISPLAYING VIDEO**
[54] **COMMANDE DE SOURCE DE LUMIERE POUR AFFICHER UN CONTENU VIDEO**
[72] SHINTANI, PETER, US
[71] SONY CORPORATION, JP
[85] 2017-11-17
[86] 2016-09-01 (PCT/US2016/049891)
[87] (WO2017/044374)
[30] US (62/216,811) 2015-09-10
[30] US (14/974,618) 2015-12-18

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[13] A1
[51] **Int.Cl. E04G 1/18 (2006.01) B66F 11/04 (2006.01) E04G 5/02 (2006.01)**
[25] EN
[54] **SCAFFOLD UNIT**
[54] **UNITE D'ECHAFAUDAGE**
[72] FINLAY, GREGORY, AU
[72] DOLJANIN, PETER LAURENCE, AU
[71] SALITA IP PTY LTD, AF
[85] 2017-11-20
[86] 2016-05-11 (PCT/AU2016/050354)
[87] (WO2016/183621)
[30] AU (2015901867) 2015-05-21

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[25] EN
[54] **METHODS AND APPARATUS FOR GUIDING MEDICAL CARE BASED ON SENSOR DATA FROM THE GASTROINTESTINAL TRACT**
[54] **PROCEDES ET APPAREIL DE GUIDAGE DE SOINS MEDICAUX SUR LA BASE DE DONNEES DE CAPTEUR DU TRACTUS GASTRO-INTESTINAL**
[72] SUTARIA, SAHEEL, US
[72] BENNETT-GUERRERO, ELIOTT, US
[72] ELIASON, BRADEN, US
[72] SPIVY, ARTHUR, US
[72] BURNETT, DANIEL R., US
[71] GRAVITAS MEDICAL, INC., US
[85] 2017-11-17
[86] 2016-05-19 (PCT/US2016/033335)
[87] (WO2016/187456)
[30] US (62/164,488) 2015-05-20
[30] US (62/185,697) 2015-06-28
[30] US (62/258,329) 2015-11-20
[30] US (62/312,257) 2016-03-23

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[51] **Int.Cl. B41M 3/14 (2006.01) B42D 25/24 (2014.01) B41J 2/435 (2006.01) D21H 21/40 (2006.01)**
[25] EN
[54] **METHOD FOR SECURING FLEXIBLE HINGES BINDING LAMINATE SHEETS INTO SECURITY DOCUMENTS AND SECURED SECURITY DOCUMENTS**
[54] **PROCEDE POUR SECURISER DES CHARNIERES SOUPLES LIANT DES FEUILLES STRATIFIEES DANS DES DOCUMENTS DE SECURITE, ET DOCUMENTS DE SECURITE SECURISES**
[72] THURAILINGAM, THIVAHARAN, CA
[71] CANADIAN BANK NOTE COMPANY, LIMITED, CA
[85] 2017-11-20
[86] 2016-05-20 (PCT/CA2016/050573)
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[30] US (62/165,131) 2015-05-21

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[51] **Int.Cl. A61F 7/08 (2006.01)**
[25] EN
[54] **PATIENT WARMING SYSTEM**
[54] **SYSTEME CHAUFFANT POUR PATIENT**
[72] STEFAN, ANN C., US
[72] SMITH, STEPHEN B., US
[72] ORLER, VICTOR J., US
[72] GAFFNEY, JAMES T., US
[72] RENWICK, WILLIAM T., US
[72] WEDELL, ROBIN A., US
[72] MEZERA, DAVID K., US
[72] DUNLAP, STEPHEN D., US
[72] MEDSKER, JAMES A., US
[71] VITAHEAT MEDICAL, LLC, US
[85] 2017-11-14
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[13] A1
[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TREATMENT OF URINARY DYSFUNCTION**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT DU DYSFONCTIONNEMENT URINAIRE**
[72] JOHN, MICHAEL SASHA, US
[72] YOO, PAUL B., CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2017-11-20
[86] 2016-05-20 (PCT/CA2016/050575)
[87] (WO2016/183689)
[30] US (62/165,037) 2015-05-21
[30] US (62/171,549) 2015-06-05

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[51] **Int.Cl. A41D 13/005 (2006.01) G01K 1/14 (2006.01) G01L 19/14 (2006.01) G01P 1/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR REGULATING BODY TEMPERATURE OF A SUBJECT**
[54] **SYSTEME DE REGULATION DE TEMPERATURE CORPORELLE D'UN SUJET**
[72] LUOMA, STEFFON JON, CA
[72] BUIE, WENDELL JASON, CA
[72] PODRUCKY, STEPHEN ALEXIS, CA
[71] JANNATEC TECHNOLOGIES, CA
[85] 2017-11-20
[86] 2016-12-22 (PCT/CA2016/051523)
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[30] CA (2,916,131) 2015-12-22

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[51] **Int.Cl. G06Q 30/08 (2012.01) G06Q 10/00 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING EVENT ACCESS RIGHTS**
[54] **SYSTEME ET PROCEDE DE GESTION DE DROITS D'ACCES A DES MANIFESTATIONS**
[72] FREDETTE, BENOIT, MC
[71] FREDETTE, BENOIT, MC
[85] 2017-11-20
[86] 2016-05-19 (PCT/CA2016/050564)
[87] (WO2016/183680)
[30] US (62/163,759) 2015-05-19

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[13] A1
[51] **Int.Cl. H04N 9/64 (2006.01)**
[25] EN
[54] **SEMI-GLOBAL SHUTTER IMAGER**
[54] **IMAGEUR A OBTURATEUR SEMI-GLOBAL**
[72] KAEHLER, ADRIAN, US
[71] MAGIC LEAP, INC., US
[85] 2017-11-15
[86] 2016-05-19 (PCT/US2016/033354)
[87] (WO2016/187469)
[30] US (62/163,730) 2015-05-19

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[13] A1
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/138 (2006.01)**
[25] EN
[54] **SMALL DIAMETER SURGICAL STAPLING DEVICE**
[54] **DISPOSITIF D'AGRAFAGE CHIRURGICAL DE PETIT DIAMETRE**
[72] WANG, ZHAOKAI, CN
[72] ZHANG, JIANGFENG, CN
[72] ZHANG, XILIANG, CN
[71] COVIDIEN LP, US
[85] 2017-11-20
[86] 2015-05-25 (PCT/CN2015/079659)
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[25] EN
[54] **POWER BOOST REGULATOR**
[54] **REGULATEUR D'AMPLIFICATION DE PUISSANCE**
[72] CRAIN, STEPHEN G., US
[72] HOFFET, MARKUS, CH
[72] ERASMUS, PETER, CH
[72] STEVENS, JOSHUA J., US
[72] THARALDSON, JOSEPH D., US
[72] TEUBNER, BRAD W., US
[72] HOSALUK, LAWRENCE J., US
[72] REEVES, MATTHEW D., US
[72] DALE, CHAD A., US
[71] POLARIS INDUSTRIES INC., US
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[54] **PLUG PROTECTION CAP, OPTICAL FIBER CONNECTOR ASSEMBLY, FIBER PLUG, AND NETWORK DEVICE**
[54] **CAPUCHON DE PROTECTION DE FICHE, ENSEMBLE CONNECTEUR DE FIBRE OPTIQUE, FICHE DE FIBRE OPTIQUE ET DISPOSITIF RESEAU**
[72] YAN, XIONGWEI, CN
[72] WU, WENXIN, CN
[72] WANG, YULIANG, CN
[72] HUANG, XUESONG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[25] EN
[54] **METHODS FOR TREATING AUTISM SPECTRUM DISORDER AND ASSOCIATED SYMPTOMS**
[54] **PROCEDES POUR LE TRAITEMENT D'UN TROUBLE DU SPECTRE DE L'AUTISME ET DE SYMPTOMES ASSOCIES**
[72] ADAMS, JAMES, US
[72] KRAJMALNIK-BROWN, ROSA, US
[72] KANG, DAE-WOOK, US
[72] SADOWSKY, MICHAEL J., US
[72] KHORUTS, ALEXANDER, US
[72] BORODY, THOMAS J., AU
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[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[71] CRESTOVO HOLDINGS LLC, US
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[54] **MOLECULAR CONSTRUCTS WITH TARGETING AND EFFECTOR ELEMENTS AND THEIR APPLICATIONS**
[54] **CONSTRUCTIONS MOLECULAIRES A ELEMENTS DE CIBLAGE ET EFFECTEURS ET LEURS APPLICATIONS**
[72] CHANG, TSE-WEN, CN
[72] CHU, HSING-MAO, CN
[72] LIN, CHIEN-JEN, CN
[72] LIN, CHUN-YU, CN
[72] CHEN, JOU-HAN, CN
[72] DU, LI-YUN, CN
[72] TIAN, WEI-TING, CN
[71] IMMUNWORK INC., CN
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[54] **PASSIVE DUCTWORK INTUMESCENT FIRE DAMPER**
[54] **REGISTRE COUPE-FEU INTUMESCENT PASSIF DE SYSTEME DE GAINES**
[72] KING, JACK F., JR., US
[71] KING, JACK F., JR., US
[85] 2017-11-17
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[54] **APPLICATOR FOR SEMI-SOLID MATERIALS**
[54] **APPLICATEUR POUR MATIERES A L'ETAT SEMI-SOLIDE**
[72] PAQUET, KEN, CA
[71] INTEL PLASTICS INC., CA
[85] 2017-11-20
[86] 2015-05-05 (PCT/IB2015/053286)
[87] (WO2015/177669)
[30] US (61/997,006) 2014-05-20
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[54] **A RESILIENT SLIP FRICTION JOINT**
[54] **JOINT DE FRICTION COULISSANT ELASTIQUE**
[72] ZARNANI, POUYAN, NZ
[72] QUENNEVILLE, PIERRE JOSEPH HENRI, NZ
[71] AUCKLAND UNISERVICES LIMITED, NZ
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[54] **METHOD AND APPARATUS FOR DETERMINING FEATURES OF HOT SURFACE**
[54] **PROCEDE ET APPAREIL POUR DETERMINER DES CARACTERISTIQUES DE SURFACE CHAUDE**
[72] KAUKONEN, SAKU, FI
[72] ROININEN, JUHA, FI
[71] SAPOTECH OY, FI
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[54] **POSITIONING SYSTEM**
[54] **SYSTEME DE POSITIONNEMENT**
[72] PENN, JAMES DOUGLASS, US
[71] PENN, JAMES DOUGLASS, US
[85] 2017-11-20
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[51] **Int.Cl. A22B 3/04 (2006.01)**
[25] EN
[54] **METHOD FOR HUMANELY STUNNING AND SLAUGHTERING ANIMALS USING LOW ATMOSPHERIC PRESSURE AND INERT GAS**
[54] **PROCEDE POUR HUMAINEMENT ETOURDIR ET ABATTRE DES ANIMAUX EN UTILISANT UNE FAIBLE PRESSION ATMOSPHERIQUE ET UN GAZ INERTE**
[72] CHEEK, HOLLIS, US
[72] CATTARUZZI, BRUNO, IT
[71] CHEEK, HOLLIS, US
[71] CATTARUZZI, BRUNO, IT
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[54] **A COMPOUND FOR ANTI-CANCER THERAPY THAT ACTS BY TARGETING GOF MUTANT P53 AND STIMULATES P73**
[54] **COMPOSE ANTI-CANCEREUX QUI AGIT EN CIBLANT LA PROTEINE P53 A MUTATION GAIN DE FONCTION ET STIMULE LA PROTEINE P73**
[72] EL-DEIRY, WAFIK S., US
[72] ZHANG, SHENGLIANG, US
[71] THE PENN STATE RESEARCH FOUNDATION, US
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[51] **Int.Cl. H02K 5/20 (2006.01) H02K 9/02 (2006.01)**
[25] EN
[54] **DRIVE DEVICE**
[54] **DISPOSITIF D'ENTRAINEMENT EMBARQUE**
[72] YOKOYAMA, NOBUAKI, JP
[72] SHIMIZU, HIROFUMI, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **IMPROVEMENTS TO SKULL PROTECTION CELL**
[54] **AMELIORATIONS APPORTEES A UNE CELLULE DE PROTECTION CRANIENNE**
[72] PARANHOS TORRES, MAURICIO, BR
[71] PARANHOS TORRES, MAURICIO, BR
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[54] **POWER SUPPLY CONTROL APPARATUS AND METHOD THEREOF**
[54] **DISPOSITIF DE COMMANDE D'ALIMENTATION ELECTRIQUE ET PROCEDE DE COMMANDE D'ALIMENTATION ELECTRIQUE**
[72] SHIMOMURA, TAKU, JP
[72] HAYASHI, TETSUYA, JP
[72] TSUGAWA, DAI, JP
[72] IKARI, TAKAYUKI, JP
[71] NISSAN MOTOR CO., LTD., JP
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[51] **Int.Cl. B25J 19/06 (2006.01)**
[25] EN
[54] **FAILURE DIAGNOSTIC DEVICE AND FAILURE DIAGNOSTIC METHOD**
[54] **DISPOSITIF DE DIAGNOSTIC DE DEFAILLANCE ET PROCEDE DE DIAGNOSTIC DE DEFAILLANCE**
[72] SHIMIZU, TOSHIYUKI, JP
[72] KUNO, MASAKI, JP
[72] TAKAGI, TORU, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-11-20
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[51] **Int.Cl. H03M 7/30 (2006.01) G06F 3/06 (2006.01) H03M 7/48 (2006.01)**
[25] EN
[54] **METHODS, DEVICES AND SYSTEMS FOR HYBRID DATA COMPRESSION AND DECOMPRESSION**
[54] **PROCEDE, DISPOSITIFS ET SYSTEME DE COMPRESSION ET DE DECOMPRESSION DE DONNEES HYBRIDES**
[72] ARELAKIS, ANGELOS, SE
[72] STENSTROM, PER, SE
[71] ZEROPOINT TECHNOLOGIES AB, SE
[85] 2017-11-20
[86] 2016-05-20 (PCT/SE2016/050462)
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[51] **Int.Cl. C10G 45/08 (2006.01) C10G 69/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING HYDROTREATED OIL AND METHOD FOR PRODUCING CATALYTIC CRACKED OIL**
[54] **PROCEDE DE PRODUCTION D'HUILE HYDROTRAITEE ET PROCEDE DE PRODUCTION D'HUILE DE CRAQUAGE CATALYTIQUE**
[72] MATSUSHITA, KOICHI, JP
[71] JXTG NIPPON OIL & ENERGY CORPORATION, JP
[85] 2017-11-20
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[25] EN
[54] **AQUEOUS COBALT CHLORIDE SOLUTION REFINEMENT METHOD**
[54] **PROCEDE DE PURIFICATION D'UNE SOLUTION AQUEUSE DE CHLORURE DE COBALT**
[72] OHARA, HIDEKI, JP
[72] ASANO, SATOSHI, JP
[72] TAKANO, MASATOSHI, JP
[72] TAN, TOSHIROU, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
[85] 2017-11-20
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[51] **Int.Cl. H03M 7/30 (2006.01) G06F 3/06 (2006.01)**
[25] EN
[54] **METHODS, DEVICES AND SYSTEMS FOR SEMANTIC-VALUE DATA COMPRESSION AND DECOMPRESSION**
[54] **PROCEDES, DISPOSITIFS ET SYSTEMES POUR COMPRESSION ET DECOMPRESSION DE DONNEES A VALEUR SEMANTIQUE**
[72] ARELAKIS, ANGELOS, SE
[72] STENSTROM, PER, SE
[71] ZEROPOINT TECHNOLOGIES AB, SE
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[86] 2016-05-20 (PCT/SE2016/050463)
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[30] SE (1550644-7) 2015-05-21

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[51] **Int.Cl. E21B 33/127 (2006.01) E21B 21/10 (2006.01) E21B 34/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SEALING AN ANNULUS AROUND A DRILL-PIPE WHEN DRILLING DOWN-HOLE**
[54] **PROCEDE ET APPAREIL POUR SCELLER UN ESPACE ANNULAIRE AUTOUR D'UN TUYAU DE FORAGE LORS D'UN FORAGE DE FOND DE TROU**
[72] EIDEM, MORTEN, NO
[72] HAUGOM, RUNE, NO
[71] STATOIL PETROLEUM AS, NO
[85] 2017-11-20
[86] 2016-05-20 (PCT/NO2016/050099)
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[51] **Int.Cl. A61K 31/74 (2006.01)**
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[54] **COMPOSITIONS COSMETIQUES MATES**
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[72] RUBINSON, EMILY H., US
[71] AVON PRODUCTS, INC., US
[85] 2017-11-20
[86] 2016-03-17 (PCT/US2016/022822)
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[30] US (14/718,529) 2015-05-21

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[51] **Int.Cl. A61F 5/00 (2006.01) A61F 5/01 (2006.01) A61F 5/058 (2006.01) A61F 13/04 (2006.01) A61F 13/06 (2006.01)**
[25] EN
[54] **AN UNLOADING AND/OR STABILIZING KNEE BRACE FOR USE FROM THE INSIDE OR OUTSIDE OF THE KNEES**
[54] **ATTELLE DE GENOU DE STABILISATION ET/OU DE DECHARGEMENT DESTINEE A ETRE UTILISEE DEPUIS L'INTERIEUR OU L'EXTERIEUR DES GENOUX**
[72] TAYLOR, SCOTT ANDREW, US
[71] TAYLOR, SCOTT ANDREW, US
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[30] US (62/175,215) 2015-06-12

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[51] **Int.Cl. A61K 31/352 (2006.01) A61K 31/05 (2006.01) A61P 25/02 (2006.01) A61P 27/02 (2006.01) A61P 29/00 (2006.01) C07C 39/23 (2006.01) C07D 311/80 (2006.01)**
[25] EN
[54] **USE OF CANNABINOIDS IN THE TREATMENT OF OCULAR INFLAMMATION AND/OR PAIN**
[54] **UTILISATION DE CANNABINOIDES DANS LE TRAITEMENT DE L'INFLAMMATION ET/OU DE LA DOULEUR OCULAIRE**
[72] LYNCH, MARY, CA
[72] KELLY, MELANIE, CA
[71] LYNCH, MARY, CA
[71] KELLY, MELANIE, CA
[85] 2017-11-21
[86] 2016-05-27 (PCT/CA2016/050603)
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[30] US (14/722,991) 2015-05-27

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[25] EN
[54] **SURFACE MODELING OF A SEGMENTED ECHOGENIC STRUCTURE FOR DETECTION AND MEASUREMENT OF ANATOMICAL ANOMALIES**
[54] **MODELISATION DE SURFACE D'UNE STRUCTURE ECHOGENE SEGMENTEE POUR LA DETECTION ET LA MESURE D'ANOMALIES ANATOMIQUES**
[72] BOULANGER, PIERRE, CA
[72] HAREENDRANATHAN, ABHILASH, CA
[72] JAREMKO, JACOB LESTER, CA
[72] MABEE, MYLES, CA
[72] PUNITHAKUMAR, KUMARADEVAN, CA
[72] THOMPSON, RICHARD, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
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[25] EN
[54] **PROPELLANT BASED METERED DOSE INHALER AND FOOD APPLICATORS AND APPLICATORS**
[54] **INHALATEUR A BASE D'AGENT PROPULSEUR A DOSE MESUREE ET APPLICATEURS ALIMENTAIRES ET APPLICATEURS CORRESPONDANTS**
[72] HARTMAN, MICHAEL S., US
[71] ISLAND BREEZE SYSTEMS CA, LLC, US
[85] 2017-11-20
[86] 2016-05-16 (PCT/US2016/032777)
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[30] US (62/165,098) 2015-05-21
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[51] **Int.Cl. H04W 4/18 (2009.01) H04W 4/12 (2009.01) H04W 72/02 (2009.01)**
[25] EN
[54] **CAPTURING DATA FROM A MOBILE DEVICE IN AN OFF-NETWORK ENVIRONMENT**
[54] **CAPTURE DE DONNEES A PARTIR D'UN DISPOSITIF MOBILE DANS UN ENVIRONNEMENT HORS RESEAU**
[72] ARZELIER, CLAUDE JEAN-FREDERIC, FR
[72] BUCKLEY, ADRIAN, US
[72] VUTUKURI, ESWAR, GB
[72] ALFANO, NICHOLAS PATRICK, CA
[71] BLACKBERRY LIMITED, CA
[85] 2017-11-21
[86] 2016-06-02 (PCT/CA2016/050627)
[87] (WO2016/191877)
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[13] A1
[51] **Int.Cl. H04W 4/12 (2009.01) H04W 72/02 (2009.01)**
[25] EN
[54] **CAPTURING DATA FROM A MOBILE DEVICE THROUGH GROUP COMMUNICATION**
[54] **CAPTURE DE DONNEES A PARTIR D'UN DISPOSITIF MOBILE VIA UNE COMMUNICATION DE GROUPE**
[72] ARZELIER, CLAUDE JEAN-FREDERIC, FR
[72] BUCKLEY, MICHAEL EOIN, US
[72] SUZUKI, TAKASHI, JP
[71] BLACKBERRY LIMITED, CA
[85] 2017-11-21
[86] 2016-06-03 (PCT/CA2016/050632)
[87] (WO2016/191880)
[30] EP (15305854.0) 2015-06-04

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[13] A1
[51] **Int.Cl. C07C 7/10 (2006.01) C07C 7/148 (2006.01) C07C 319/24 (2006.01) C07C 319/28 (2006.01) C07C 321/12 (2006.01) C10G 70/04 (2006.01)**
[25] EN
[54] **PROCESS FOR OXIDIZING ONE OR MORE THIOL COMPOUNDS**
[54] **PROCEDE D'OXYDATION D'UN OU DE PLUSIEURS COMPOSES THIOL**
[72] LARICCHIA, LUIGI, US
[72] SMITH, EDWARD F., US
[72] TERTEL, JONATHAN A., US
[71] UOP LLC, US
[85] 2017-11-20
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[30] US (62/189,988) 2015-07-08

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[13] A1
[51] **Int.Cl. C07K 14/705 (2006.01) C07K 14/725 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **MASKING CHIMERIC ANTIGEN RECEPTOR T CELLS FOR TUMOR-SPECIFIC ACTIVATION**
[54] **LYMPHOCYTES T RECEPTEURS ANTIGENIQUES CHIMERIQUES DE MASQUAGE POUR L'ACTIVATION SPECIFIQUE D'UNE TUMEUR**
[72] WANG, PIN, US
[72] HAN, XIAOLU, US
[72] BRYSON, PAUL, US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2017-11-20
[86] 2016-06-27 (PCT/US2016/039670)
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[30] US (62/185,398) 2015-06-26

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[13] A1
[51] **Int.Cl. H04W 74/04 (2009.01)**
[25] EN
[54] **DATA TRANSMISSION METHOD, APPARATUS, AND SYSTEM, AND ACCESS POINT**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE TRANSMISSION DE DONNEES, ET POINT D'ACCES**
[72] LIU, LE, CN
[72] LAN, ZHOU, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-11-21
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[13] A1
[51] **Int.Cl. A61B 1/00 (2006.01)**
[25] EN
[54] **MEDICAL INSTRUMENT WITH SENSOR FOR USE IN A SYSTEM AND METHOD FOR ELECTROMAGNETIC NAVIGATION**
[54] **INSTRUMENT MEDICAL COMPRENANT UN CAPTEUR DESTINE A ETRE UTILISE DANS UN SYSTEME ET PROCEDE DE NAVIGATION ELECTROMAGNETIQUE**
[72] CROWLEY, THOMAS P., US
[72] MIEL, DAVID J., US
[72] SERDAR, DAVID J., US
[72] STOPEK, JOSHUA B., US
[72] COSTELLO, DAVID M., US
[72] KOYRAKH, LEV A., US
[72] JASPERSON, KEITH E., US
[72] SCHELL, JON D., US
[71] COVIDIEN LP, US
[85] 2017-11-20
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[30] US (62/170,383) 2015-06-03
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[13] A1
[51] **Int.Cl. G05B 15/00 (2006.01)**
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[54] **METHOD, SYSTEM, AND COMPUTER PROGRAM PRODUCT FOR GNSS RECEIVER SIGNAL HEALTH AND SECURITY ANALYSIS**
[54] **PROCEDE, SYSTEME ET PRODUIT PROGRAMME D'ORDINATEUR POUR ANALYSE DE SANTE ET DE SECURITE DE SIGNAL DE RECEPTEUR GNSS**
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[71] FINITE STATE RESEARCH LLC, US
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[72] MCGARRY, JAMES, US
[72] WATERFIELD, ROBERT LLOYD, US
[72] LATULIPPE, PAUL N., JR., US
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[71] ACTINIUM PHARMACEUEUTICALS, INC., US
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[71] NCM INNOVATIONS (PTY) LTD, ZA
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[72] RODRIGO GOMEZ, GONZALO, ES
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[54] **SYSTEME PORTABLE D'INTERPRETATION SONORE OU TACTILE DE L'ENVIRONNEMENT POUR PERSONNES AVEUGLES OU PRESENTANT UNE DEFICIENCE VISUELLE**
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[71] EYESYNTH, S.L., ES
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[72] BOUDKO, EKATERINA ALEXANDRA, CA
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[54] **COMPOSES HETEROARYLES TRICYCLIQUES ET LEUR UTILISATION COMME KINASES DE PROTEINE SERINE-THREONINE ET MODULATEUR D'ACTIVITE PARP**
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[54] **PROCEDE ET APPAREIL POUR CODER DE LA VIDEO, ET PROCEDE ET APPAREIL POUR DECODER DE LA VIDEO, PAR PREDICTION INTER, AU MOYEN DE BLOCS D'IMAGE CONTIGUS**
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[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[72] BEETHAM, PETER R., US
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[72] GOCAL, GREGORY FRANCIS WILLIAM, US
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[72] GUNDLE, ALAN, CH
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[71] KRAFT FOODS R & D, INC., US
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[72] CHIU, ROSSA WAI KWUN, CN
[72] CHIM, STEPHEN SIU CHUNG, CN
[72] DING, CHUNMING, CN
[72] CHAN, KWAN CHEE, CN
[72] WONG, HING NAM IVY, CN
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[54] **DISPOSITIF D'ARTICULATION DE LA HANCHE, SYSTEME ET PROCEDE AFFERENT**
[72] FORSELL, PETER, CH
[71] IMPLANTICA PATENT LTD., MT
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[54] **DECODEUR AUDIO ET PROCEDE DE FOURNITURE D'INFORMATIONS AUDIO DECODEES AU MOYEN D'UN MASQUAGE D'ERREURS MODIFIANT UN SIGNAL D'EXCITATION DE DOMAINE TEMPOREL**
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[54] **DECODEUR AUDIO ET PROCEDE POUR FOURNIR UNE INFORMATION AUDIO DECODEE EN UTILISANT UNE DISSIMULATION D'ERREUR BASEE SUR UN SIGNAL D'EXCITATION DANS LE DOMAINE TEMPOREL**
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[72] MARKOVIC, GORAN, DE
[72] SCHNABEL, MICHAEL, DE
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[54] **SYSTEME DE SUTURE ENDOSCOPIQUE**
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[72] JONES, DONALD K., US
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[71] APOLLO ENDOSURGERY, INC., US
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