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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

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Commissioner of Patents

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Commissaire aux brevets

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

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

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

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

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

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

Avis

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

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

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

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

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

2. Country Code

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

2. Code des pays

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

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

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

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

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

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

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

4. Orders for Patents by Class or Sub-Class

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

4. Commande de brevets par classe ou sous-classe

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

5. Advice on Making a Patent Application

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

5. Conseils relatifs à la préparation de demandes de brevets

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

6. Licensing of Patents

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

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

6. Octroi de licences en vertu des brevets

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

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

7. Patents Available for Licence or Sale

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

7. Brevets disponibles pour licence ou vente

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

8. List of Patents Available for Licence or Sale

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

None

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

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

Aucun

9. Applications Open to Public Inspection

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

9. Demandes mises à la disponibilité du public

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

10. Language of Published Documents

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

10. Langue du document publié

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

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1708***
For each additional sheet over 30	**$19**
3. **International Search Fee**	**$1600**

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

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

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1708 $***
Pour chaque feuille au delà de 30	**19 $**
3. **Taxe de recherche internationale**	**1600 $**

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

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

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

4. Late payment fee

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

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*)) **$257**

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

* International fees will be reduced by:

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

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **257 $**

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

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

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

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

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

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

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

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

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

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

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

13. Practice Notice

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

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

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

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

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

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

13. Énoncé de pratique

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

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

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

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

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

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

Offices.

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

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

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

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

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

14. Correspondence Procedures

June 20, 2017

This notice will replace all previous notices regarding Correspondence Procedures.

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

1. Physical Delivery of Correspondence to CIPO

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

14. Procédures de correspondance

le 20 juin, 2017

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

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

1. Livraison en personne de correspondance à l'OPIC

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

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

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

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

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

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

Download the Fee Payment Form.

1.1 Designated Establishments

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

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

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

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

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

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

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

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

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

Téléchargez le formulaire de paiements.

1.1 Établissements désignés

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2. Electronic Correspondence

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

2. Correspondance électronique

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

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

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

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

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

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

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

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

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

2.1 Facsimile

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

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

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

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

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

Patents

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

2.1 Correspondance par télécopieur

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

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

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

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

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

Brevets

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

2.2 Online

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

Patents

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

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

2.2 En ligne

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

Brevets

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

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

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

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

Canada as Receiving Office Under the PCT: PCT-SAFE

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

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

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

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

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

Trademarks

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

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

Marques de commerce

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

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

Copyright

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

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

Droits d'auteur

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

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

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

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

Industrial Designs

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

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

Dessins industriels

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

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

Integrated Circuit Topographies

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

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

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

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

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

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

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

2.3 Supports électroniques

Brevets

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

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

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

application itself or amendment(s) thereof.

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

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

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

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

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

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

the PCT Administration Instructions.

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

F des Instructions administratives du PCT.

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

3. Details concerning the electronic formats accepted

Patents

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

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

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

TIFF Format:

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

PDF Format:

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

3. Précisions concernant les formats électroniques acceptés

Brevets

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

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

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

Format TIFF

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

Format PDF

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

ASCII

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

ASCII

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

Industrial Design

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

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

TIFF Format:

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

Photographs in JPEG Format:

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

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

Dessins industriels

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

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

Format TIFF :

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

Photographies en format JPEG :

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

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

4. General Information

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

4. Renseignements généraux

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

5. Statutory Holidays

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

5. Jours fériés

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

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

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

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

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

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

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

Time limits under the Patent and Trade-marks Acts

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

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

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

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

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

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

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

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

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

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

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

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

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

Délais prévus dans le Traité de coopération en matière de brevets

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

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

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

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

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

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

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

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

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

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

Provincial and Territorial Holidays

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

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

Jours fériés provinciaux ou territoriaux

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

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

When CIPO's Offices are closed for business

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

Jours de fermeture des bureaux de l'OPIC au public

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

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

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

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

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

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

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

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

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

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

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

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

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

6. Procédures en cas de fermeture des bureaux

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

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

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

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

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

deposit account number.

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

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

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

NOTICE REGARDING UNEXPECTED CLOSURES OF THE OFFICE

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

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

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

AVIS CONCERNANT UNE FERMETURE INATTENDUE DU BUREAU

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

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

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

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

Patents, Industrial Design, Copyright and Integrated Circuit Topography

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

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

Trademarks

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

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

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

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

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

Marques de commerce

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

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

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

8. Intellectual property acts, rules and regulations

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

8. Lois, règles et règlements sur la propriété intellectuelle

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

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of December 4, 2018 contains applications open to public inspection from November 18, 2018 to November 24, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 4 décembre 2018 contient les demandes disponibles au public pour consultation pour la période du 18 novembre 2018 au 24 novembre 2018.

Canadian Patents Issued

December 4, 2018

Brevets canadiens délivrés

4 décembre 2018

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[11] **2,330,838**
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[54] **PROCEDES, SYSTEMES ET DISPOSITIF PERMETTANT DE REGULER LA FREQUENCE D'UNE PUISSANCE PRODUITE AU MOYEN DE SYSTEMES DE STOCKAGE D'ENERGIE PAR VOLANT D'INERTIE A CHARGE ET/OU A PUISSANCE VARIABLES**
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[54] **SYSTEME DE PRESENTATION D'INFORMATION POUR LA GESTION D'UN PARC DE VEHICULES INDUSTRIELS**
[72] LAFERGOLA, JOSEPH VICTOR, US
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[72] JONES, PHILIP, IT
[72] KINZEL, OLAF, IT
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[54] **MICRO-ORGANISMES POUR AMELIORER L'ETAT DE SANTE D'INDIVIDUS PRESENTANT DES TROUBLES ASSOCIES A L'INGESTION DE GLUTEN**
[72] SANZ HERRANZ, YOLANDA, ES
[72] SANCHEZ SANCHEZ, ESTER, ES
[72] MEDINA, MARCELA SUSANA, ES
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[54] **DETECTION DU CONTACT D'UN CATHETER D'ABLATION A L'AIDE DE MESURES DE TEMPERATURE DIFFERENTIELLES**
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[72] BEECKLER, CHRISTOPHER THOMAS, US
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[54] **SYNTHESE VERTE DE NANOMETAUX UTILISANT DES EXTRAITS DE PLANTE ET UTILISATION DE CELLE-CI**
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[72] COLLINS, JOHN B., US
[72] VARMA, RAJENDER S., US
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[54] **MAMMIFERES NON HUMAINS PRODUISANT DES ANTICORPS**
[72] HOUTZAGER, ERWIN, NL
[72] PINTO, RUI DANIEL, NL
[72] LOGTENBERG, TON, NL
[72] THROSBY, MARK, NL
[72] KRAMER, ROBERT ARJEN, NL
[72] DE KRUIF, CORNELIS ADRIAAN, NL
[73] MERUS N.V., NL
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[54] **METHOD OF CONCENTRATING SHEAR-SENSITIVE BIOPOLYMERS USING HOLLOW FIBRE MEMBRANES**
[54] **PROCEDE PERMETTANT LA CONCENTRATION DE BIOPOLYMERES SENSIBLES AU CISAILLEMENT AU MOYEN DE MEMBRANES A FIBRES CREUSES**
[72] MITTERER, ARTUR, AT
[72] HASSLACHER, MEINHARD, AT
[72] MAYER, CHRISTA, AT
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[72] CORSCADDEN, TOM, CA
[72] DIDUCH, GREG, CA
[72] HOCKING, DAMIEN, CA
[72] REMESAT, DARIUS, CA
[72] KEARNS, JIM, CA
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[72] DAVIES, RHYS, GB
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[72] WOOD, TODD ANDREW, CA
[72] PEGG, ALBERT MURRAY, CA
[73] BLACKBERRY LIMITED, CA
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[73] PGI INTERNATIONAL, LTD., US
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[72] SCHUSTER, CATHERINE, FR
[72] THOMPSON, JOHN, DE
[72] GRUNERT, FRITZ, DE
[73] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[73] UNIVERSITE DE STRASBOURG, FR
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[72] GILL, TIMOTHY, GB
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[72] TOUCHAIS, NATACHA, FR
[72] BOURNAY, LAURENT, FR
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[54] **COMPOSES DE PYRAZOLO[1,5-A]PYRIMIDINE SUBSTITUES COMME INHIBITEURS DE LA TRK KINASE**
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[72] ANDREWS, STEVEN W., US
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[73] STANLEY BLACK & DECKER, INC., US
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[72] MORDAS, CAROLYN J., US
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[73] MCNEIL-PPC, INC., US
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[73] ABRAXIS BIOSCIENCE, LLC, US
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[72] LICHTENSTEIN, YOAV, IL
[73] BIOSENSE WEBSTER (ISRAEL), LTD., IL
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[72] TORRES, ANDREW SOLIZ, US
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[72] BUTTS, MATTHEW DAVID, US
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[54] **PROCEDES DE PREDICTION D'UN RISQUE DE MALADIE AUTO-IMMUNE**
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[72] LYONS, PAUL, GB
[72] MCKINNEY, EOIN, GB
[73] CAMBRIDGE ENTERPRISE LIMITED, GB
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[72] HUGHES, GREGG, US
[73] MED-LOGICS, INC., US
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[54] **INSTALLATION DE REVETEMENT AU PLASMA, ET PROCEDE DE REVETEMENT OU DE TRAITEMENT DE SURFACE D'UN SUBSTRAT**
[72] GINDRAT, MALKO, CH
[72] GUITTIENNE, PHILIPPE, CH
[72] HOLLENSTEIN, CHRISTOPH, CH
[73] OERLIKON METCO AG, WOHLEN, CH
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[72] RIVERA, EDWIN GERARDO, US
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[72] LACOMBE, YVES, CA
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[72] CREVLING, ROBERT LENT, JR., US
[72] SEASHOLTZ, CRAIG A., US
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[54] **METHODE ET SYSTEME PERMETTANT D'IDENTIFIER UNE ENTITE DANS UN ECOSYSTEME DE DISPOSITIF MOBILE**
[72] SLAVITCH, MICHAEL NICKOLA, CA
[72] CHIN, EUGENE, CA
[72] RAI, GURDEV S., CA
[72] PREISS, BRUNO RICHARD, CA
[72] SCHNEIDER, KENNETH CYRIL, CA
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[72] BRENNECKE, BURKHARDT, DE
[73] CP.MEDIA AG, CH
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[54] **METHODE DE DESASPHALTAGE PAR SOLVANT ET APPAREIL**
[72] CORSCADDEN, TOM, CA
[72] DIDUCH, GREG, CA
[72] HOCKING, DAMIEN, CA
[72] REMESAT, DARIUS, CA
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[72] FREUND, SEBASTIAN WALTER, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **METHODES DE TRAITEMENT DE TROUBLES AUTO-IMMUNS**
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[72] KOWALSKI, STEVEN MARTIN, US
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[72] FRANCIS, KIRK, US
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[73] BASF PLANT SCIENCE COMPANY GMBH, DE
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[54] **DISPOSITIF ET METHODES DE RETENTION DE FLAN**
[72] LITTLEJOHN, MARK B., US
[72] BERG, ERIC J., US
[72] DUNCAN, DANIEL A., US
[72] GREGORY, JAMES W., US
[72] ZIRBEL, KENNETH J., US
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[54] **MIROITAGE DE DONNEES DE MESURE PAR PORTAIL ENTRE RESEAUX ZIGBEE**
[72] BULTMAN, ROBERT MARTEN, US
[72] DRAKE, JEFF DONALD, US
[73] HAIER US APPLIANCE SOLUTIONS, INC., US
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[54] **APPAREIL CHIRURGICAL COMPRENANT UN RENFORT CHIRURGICAL**
[72] SHAH, SACHIN, US
[72] SIMPSON, RICHARD, US
[73] TYCO HEALTHCARE GROUP LP, US
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[54] **SYSTEME DE CHARGEMENT DE MUNITIONS POUR PIECES D'ARTILLERIE**
[72] CHIAPPINI, ANDREA, IT
[72] D'EUSEBIO, MANUEL, IT
[73] OTO MELARA SPA, IT
[86] (2757642)
[87] (2757642)
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[25] EN
[54] **MENINGOCOCCAL AND PNEUMOCOCCAL CONJUGATE VACCINE AND METHOD OF USING SAME**
[54] **VACCIN CONJUGUE MENINGOCOCCIQUE ET PNEUMOCOCCIQUE ET SA METHODE D'UTILISATION**
[72] TAI, STANLEY SHIH-PENG, US
[72] LEE, CHE-HUNG ROBERT, US
[73] THE UNITED STATES OF AMERICA DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[73] HOWARD UNIVERSITY, US
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[25] EN
[54] **BOTTLE NECK WITH INTERNAL EMBOSSMENTS AND METHOD MANUFACTURE**
[54] **COL DE BOUTEILLE AVEC BOSSAGES INTERNES ET PROCEDE DE FABRICATION ASSOCIE**
[72] LONSWAY, MICHAEL J., US
[72] BECKER, BRUCE A., US
[72] BAILEY, VINCENT J., US
[73] OWENS-BROCKWAY GLASS CONTAINER INC., US
[85] 2011-10-19
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[25] EN
[54] **ANTI-IL-17F ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-IL-17F ET LEURS METHODES D'UTILISATION**
[72] MASTERNAK, KRZYSZTOF, CH
[72] ROUSSEAU, FRANCOIS, FR
[73] NOVIMMUNE S.A., CH
[85] 2011-10-24
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[25] EN
[54] **HIGH TEMPERATURE HIGH FREQUENCY MAGNET WIRE AND METHOD OF MAKING**
[54] **FIL MAGNETIQUE HAUTE TEMPERATURE ET HAUTE FREQUENCE ET SON PROCEDE DE FABRICATION**
[72] YIN, WEIJUN, US
[72] FLANAGAN, KEVIN WARNER, US
[72] MCTIGUE, ROBERT COLIN, US
[72] RODDA, MARK, US
[72] KNIAJANSKI, SERGEI, US
[73] GENERAL ELECTRIC COMPANY, US
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[87] (2761374)
[22] 2011-12-08
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[25] EN
[54] **METHOD AND SYSTEM FOR POWERING A VEHICLE**
[54] **PROCEDE ET SYSTEME D'ALIMENTATION D'UN VEHICULE**
[72] TANEJA, DINESH NATH, US
[73] GE AVIATION SYSTEMS LLC, US
[86] (2762393)
[87] (2762393)
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[25] EN
[54] **PRIORITIZATION OF TRADE ORDER PROCESSING IN ELECTRONIC TRADING**
[54] **HIERARCHISATION DE TRAITEMENT D'ORDRE DE BOURSE EN BOURSE ELECTRONIQUE**
[72] FOYGEL, ALEXANDER V., US
[72] MITTAL, BHARAT, US
[73] TRADING TECHNOLOGIES INTERNATIONAL, INC., US
[85] 2011-11-18
[86] 2010-06-02 (PCT/US2010/037106)
[87] (WO2010/151406)
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[25] EN
[54] **QUIESCENT STATE RETENTION MODE FOR PROCESSOR**
[54] **MODE DE MAINTIEN D'ETAT DE REPOS POUR PROCESSEUR**
[72] LACHWANI, MANISH, US
[72] BERBESSOU, DAVID, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2011-11-22
[86] 2010-06-18 (PCT/US2010/039194)
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[54] **IMAGING OF MYELIN BASIC PROTEIN**
[54] **IMAGERIE DE LA PROTEINE BASIQUE DE LA MYELINE**
[72] TAN HEHIR, CRISTINA ABUCAY, US
[72] SICLOVAN, TIBERIU MIRCEA, US
[72] BARNHARDT, NICOLE EVELYN, US
[72] FISH, KENNETH MICHAEL, US
[72] CARTER, RANDALL LEE, US
[72] JOHNSON, BRUCE FLETCHER, US
[72] ZHANG, RONG, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2011-12-01
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[25] EN
[54] **HYDROCARBON GAS PROCESSING INCLUDING A SINGLE EQUIPMENT ITEM PROCESSING ASSEMBLY**
[54] **TRAITEMENT DE GAZ D'HYDROCARBURE COMPORTANT UN SEUL ELEMENT D'EQUIPEMENT D'APPAREIL DE TRAITEMENT**
[72] CUELLAR, KYLE T., US
[72] JOHNKE, ANDREW F., US
[72] LEWIS, W. LARRY, US
[72] WILKINSON, JOHN D., US
[72] LYNCH, JOE T., US
[72] HUDSON, HANK M., US
[73] ORTLOFF ENGINEERS, LTD., US
[73] S.M.E. PRODUCTS LP, US
[85] 2011-12-06
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[30] US (61/186,361) 2009-06-11
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[30] US (12/772,472) 2010-05-03
[30] US (12/781,259) 2010-05-17
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[51] **Int.Cl. B62D 33/067 (2006.01) B62D 33/07 (2006.01) E02F 9/16 (2006.01)**
[25] EN
[54] **CAB TILT WITH MULTIFUNCTION FLAG PIN**
[54] **CORRECTEUR D'ASSIETTE DE CABINE AVEC GOUPILLE DE SIGNALISATION MULTIFONCTION**
[72] KLEIN, DANIEL R., US
[72] DRESSLER, ROBERT P., US
[72] MERTEN, JAMES G., US
[72] NEDVED, JAIME M., US
[72] KENNEDY, ALANA J., US
[73] DEERE & COMPANY, US
[86] (2764668)
[87] (2764668)
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[51] **Int.Cl. C12Q 1/00 (2006.01) G01N 1/44 (2006.01) G01N 31/20 (2006.01)**
[25] EN
[54] **SYSTEM FOR MIXING FLUIDS BY COALESCENCE OF MULTIPLE EMULSIONS**
[54] **SYSTEME DE MELANGE DE FLUIDES PAR COALESCENCE D'EMULSIONS MULTIPLES**
[72] HINDSON, BENJAMIN J., US
[72] COLSTON, BILLY W., JR., US
[72] NESS, KEVIN D., US
[72] MASQUELIER, DONALD A., US
[73] BIO-RAD LABORATORIES, INC., US
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[51] **Int.Cl. G02F 2/02 (2006.01) G02B 23/00 (2006.01) H01S 3/109 (2006.01)**
[25] EN
[54] **LASER SYSTEM TO GENERATE A LASER GUIDE STAR**
[54] **SYSTEME LASER CONCU POUR GENERER UN POINTEUR D'ETOILE**
[72] FRIEDENAUER, AXEL, DE
[72] KAENDERS, WILHELM, DE
[73] TOPTICA PROJECTS GMBH, DE
[86] (2767630)
[87] (2767630)
[22] 2012-02-14
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[25] EN
[54] **PROCESS AND SYSTEM FOR OBTAINING BOTULINUM NEUROTOXIN**
[54] **PROCEDE ET SYSTEME D'OBTENTION DE LA TOXINE BOTULINIQUE**
[72] TON, JENNIFER L., US
[72] PATEL, HEMANT A., US
[72] BATES, RONALD C., US
[72] AHMAD, WAJDIE M., US
[73] ALLERGAN, INC., US
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[87] (WO2011/008713)
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[25] EN
[54] **TREATMENT OF STAPHYLOCOCCI INFECTIONS USING RECOMBINANT FIBRINOGEN BINDING PROTEIN CLUMPING FACTOR A**
[54] **TRAITEMENT DES INFECTIONS A STAPHYLOCOQUE EMPLOYANT UNE PROTEINE LIANT LE FIBRINOGENE, CLUMPING FACTOR A**
[72] FOSTER, TIMOTHY, IE
[72] HIGGINS, JUDY, IE
[72] JOSEFSSON, ELISABET, SE
[72] GEOGHEGAN, JOAN, IE
[72] DEQUESNE, GUY, BE
[72] TARKOWSKI, ANDREJ (DECEASED), SE
[73] GLAXOSMITHKLINE BIOLOGICALS S.A., BE
[73] THE PROVOST, FELLOWS AND SCHOLARS OF THE COLLEGE OF THE HOLY AND UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN, IE
[85] 2012-01-13
[86] 2010-07-16 (PCT/EP2010/060357)
[87] (WO2011/007004)
[30] IE (2009/0549) 2009-07-16

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[51] **Int.Cl. H01R 4/64 (2006.01) B64D 45/00 (2006.01)**
[25] FR
[54] **AIRCRAFT INCLUDING ELECTRICAL APPARATUSES AND COMPOSITE MATERIAL PARTS**
[54] **AERONEF COMPRENANT DES EQUIPEMENTS ELECTRIQUES ET DES PIECES EN MATERIAU COMPOSITE**
[72] PONS, FRANCOIS, FR
[72] LARROSE, NICOLAS, FR
[73] AIRBUS OPERATIONS (SOCIETE PAR ACTIONS SIMPLIFIEES), FR
[85] 2012-01-27
[86] 2010-07-20 (PCT/FR2010/051527)
[87] (WO2011/012795)
[30] FR (0955432) 2009-07-31

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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/03 (2006.01) G01L 9/00 (2006.01) G01L 27/00 (2006.01)**
[25] EN
[54] **IN SITU OFFSET COMPENSATION FOR PRESSURE SENSORS**
[54] **COMPENSATION DE DECALAGE IN SITU POUR CAPTEURS DE PRESSION**
[72] BURGER, JUERGEN, CH
[72] BORK, TORALF, CH
[73] INTEGRA LIFESCIENCES SWITZERLAND SARL, CH
[85] 2012-02-08
[86] 2010-08-12 (PCT/IB2010/002178)
[87] (WO2011/018706)
[30] US (61/233,395) 2009-08-12
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[25] EN
[54] **DRILLING DEVICE FOR DRILLING SIDE PORTIONS OF LARGE SECTION MEMBERS**
[54] **APPAREIL POUR PERCER LES PARTIES LATERALES DE SECTIONS LARGES**
[72] PIROVANO, ALESSANDRO, IT
[73] FICEP S.P.A., IT
[86] (2771565)
[87] (2771565)
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[51] **Int.Cl. C09K 15/00 (2006.01) B44D 3/00 (2006.01) C09D 9/00 (2006.01)**
[25] EN
[54] **USE OF A PRESERVING AGENT FOR TEMPORARILY STORING USED PAINT APPLICATION TOOLS, DEVICE USING THIS AND COMPOSITE KIT THEREFOR**
[54] **UTILISATION D'UN AGENT DE CONSERVATION POUR L'ENTREPOSAGE TEMPORAIRE D'OUTILS D'APPLICATION DE PEINTURE UTILISES, DISPOSITIF Y FAISANT APPEL ET TROUSSE COMPOSITE CONNEXE**
[72] VAN WEEZENBEEK, SEBASTIAAN JOANNES, NL
[72] VAN DER GEEST, SEBASTIAAN MARIA, NL
[72] KOSMAN, MICHEL HENDRIKUS WILHELMUS, NL
[73] VDG INNOVATIONS BV, NL
[73] HILDERING INNOVATIONS B.V., NL
[86] (2772961)
[87] (2772961)
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[51] **Int.Cl. A61K 31/437 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING IRRITABLE BOWEL SYNDROME (IBS)**
[54] **PROCEDES POUR LE TRAITEMENT DU SYNDROME DU COLON IRRITABLE**
[72] FORBES, WILLIAM, US
[72] BORTEY, ENOCH, US
[73] SALIX PHARMACEUTICALS, LTD., US
[85] 2012-03-12
[86] 2010-09-13 (PCT/US2010/048624)
[87] (WO2011/032085)
[30] US (61/241,945) 2009-09-13
[30] US (61/262,475) 2009-11-18
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[51] **Int.Cl. E03C 1/12 (2006.01) F28D 9/00 (2006.01)**
[25] EN
[54] **SHOWER HEAT EXCHANGER WITH CLOG-REMOVABLE DRAIN**
[54] **ECHANGEUR DE CHALEUR DE DOUCHE AVEC AVALOIR PERMETTANT LE RETRAIT DES OBSTRUCTIONS**
[72] CARDONE, JEREMIAH, US
[73] CARDONE, JEREMIAH, US
[86] (2775456)
[87] (2775456)
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[25] EN
[54] **COLOURED TABBED CONTAINER CLOSURE LINERS**
[54] **DOUBLURES D'OUVERTURE DE CONTENANTS A ONGLETS DE COULEUR**
[72] MCLEAN, ANDREW FENWICK, GB
[72] SACHS, VICTOR MARTIN, GB
[72] THORNHILL, CRAIG WARREN, GB
[72] BRETT, ANTHONY MAXWELL, GB
[73] SELIG SEALING PRODUCTS, INC., US
[86] (2775533)
[87] (2775533)
[22] 2012-04-30
[30] GB (1107766.6) 2011-05-10

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[51] **Int.Cl. A61K 8/91 (2006.01) A61K 8/19 (2006.01) A61K 8/891 (2006.01) A61Q 5/12 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR PREVENTING OR REDUCING FRIZZY APPEARANCE OF HAIR**
[54] **PROCEDE ET COMPOSITIONS POUR PREVENIR OU REDUIRE L'ASPECT FRISE DES CHEVEUX**
[72] GARRISON, MARK S., US
[72] ROBINSON, FREDA E., US
[72] SANDSTROM, GIOVANA A., US
[72] BUCKRIDGE, KENNETH A., US
[72] YANG, SEN, US
[72] LUO, XIAOCHUN, US
[73] AVON PRODUCTS, INC., US
[85] 2012-04-11
[86] 2010-10-26 (PCT/US2010/054051)
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[51] **Int.Cl. A61K 31/445 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING ALZHEIMER'S DISEASE USING PHARMACOLOGICAL CHAPERONES TO INCREASE THE ACTIVITY OF GANGLIOSIDASES**
[54] **METHODE DE TRAITEMENT DE LA MALADIE D'ALZHEIMER AU MOYEN DE CHAPERONS PHARMACOLOGIQUES DESTINES A AUGMENTER L'ACTIVITE DES GANGLIOSIDASES**
[72] WUSTMAN, BRANDON, US
[72] VALENZANO, KENNETH, US
[72] BOYD, ROBERT, US
[73] AMICUS THERAPEUTICS, INC., US
[85] 2012-04-18
[86] 2010-10-12 (PCT/US2010/052351)
[87] (WO2011/049787)
[30] US (61/252,799) 2009-10-19

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[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6869 (2018.01)**
[25] EN
[54] **QUANTITATIVE NUCLEASE PROTECTION SEQUENCING (QNPS)**
[54] **SEQUENCAGE DE PROTECTION DE NUCLEASE QUANTITATIF**
[72] SELIGMANN, BRUCE, US
[73] HTG MOLECULAR DIAGNOSTICS, INC., US
[85] 2012-04-19
[86] 2010-11-03 (PCT/US2010/055289)
[87] (WO2011/056863)
[30] US (61/257,678) 2009-11-03

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[13] C
[51] **Int.Cl. A61K 31/445 (2006.01) A61P 3/00 (2006.01)**
[25] EN
[54] **NOVEL COMPOSITIONS FOR PREVENTING AND/OR TREATING LYSOSOMAL STORAGE DISORDERS**
[54] **NOUVELLES COMPOSITIONS POUR PREVENIR ET/OU TRAITER DES TROUBLES DU STOCKAGE LYSOSOMIQUE**
[72] BOYD, ROBERT, US
[72] LEE, GARY, US
[72] RYBCZYNSKI, PHILIP, US
[73] AMICUS THERAPEUTICS, INC., US
[85] 2012-04-19
[86] 2010-10-05 (PCT/US2010/051458)
[87] (WO2011/049737)
[30] US (61/252,806) 2009-10-19

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[13] C
[51] **Int.Cl. F16L 11/12 (2006.01) F16L 9/133 (2006.01) F16L 11/118 (2006.01) H02G 3/04 (2006.01)**
[25] EN
[54] **MULTILAYER CONDUIT WITH INTEGRATED WEAR INDICATOR**
[54] **CONDUIT MULTICOUCHE DOTE D'UN INDICATEUR D'USURE INTEGRE**
[72] SCHUSTER, PETER, CH
[72] GUELLER, MARTIN, CH
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
[86] (2779333)
[87] (2779333)
[22] 2012-06-06
[30] US (61/497,273) 2011-06-15
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[25] EN
[54] **ANTIFUNGAL MIXTURE WITH FUNGAL ORGANISM PYTHIUM OLIGANDRUM**
[54] **MELANGE ANTIFONGIQUE COMPORTANT L'ORGANISME FONGIQUE PYTHIUM OLIGANDRUM**
[72] SUCHANEK, MARTIN, CZ
[72] KLIMES, RADIM, CZ
[73] BIO AGENS RESEARCH AND DEVELOPMENT - BARD, S.R.O., CZ
[85] 2012-05-01
[86] 2009-12-14 (PCT/CZ2009/000154)
[87] (WO2011/054322)
[30] CZ (PV 2009-724) 2009-11-04

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[13] C
[51] **Int.Cl. F24D 13/02 (2006.01) H05B 3/12 (2006.01) H05B 3/26 (2006.01) H05B 3/36 (2006.01)**
[25] EN
[54] **HEATING PANEL AND METHOD THEREFOR**
[54] **PANNEAU DE CHAUFFAGE ET PROCEDE ASSOCIE**
[72] COATES, RICHARD DOD, NZ
[72] VAUGHAN, ALEXANDER STEWART, NZ
[73] WINSTONE WALLBOARDS LIMITED, NZ
[85] 2012-05-04
[86] 2010-11-05 (PCT/IB2010/055016)
[87] (WO2011/055330)
[30] US (61/272,804) 2009-11-05

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[13] C
[51] **Int.Cl. H01Q 21/29 (2006.01) G01S 3/40 (2006.01) H04B 1/59 (2006.01)**
[25] EN
[54] **AN ANTENNA APPARATUS FOR DETERMINING THE POSITION OF A RADIO-FREQUENCY TRANSPONDER**
[54] **APPAREIL D'ANTENNE POUR DETERMINER LA POSITION D'UN TRANSPONDEUR A RADIOFREQUENCE**
[72] BONNEFOY, PIERRE, CA
[72] LIMONGI, BENJAMIN, CA
[73] PSION INC., CA
[86] (2780599)
[87] (2780599)
[22] 2012-06-22
[30] US (13/179,237) 2011-07-08

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[13] C
[51] **Int.Cl. C12N 5/077 (2010.01) C12N 5/0775 (2010.01) C12N 5/074 (2010.01)**
[25] EN
[54] **MAMMARY ARTERY DERIVED CELLS AND METHODS OF USE IN TISSUE REPAIR AND REGENERATION**
[54] **CELLULES DERIVEES D'ARTERES MAMMAIRES ET PROCEDE D'UTILISATION DANS LA REPARATION ET LA REGENERATION DE TISSUS**
[72] COLTER, DAVID C., US
[72] BUENSUCESO, CHARITO, US
[72] KAZANECKI, CHRISTIAN C., US
[72] GOSIEWSKA, ANNA, US
[73] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2012-03-29
[86] 2010-09-22 (PCT/US2010/049850)
[87] (WO2011/041186)
[30] US (61/247,228) 2009-09-30

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[54] **PROCEDE DE PRODUCTION D'ARTICLES MANUFACTURES ELASTOMERES FONCTIONNALISES ET ARTICLES MANUFACTURES OBTENUS AINSI**
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[72] PERSSON, AKE, SE
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[54] **NANOPARTICULES CONTENANT DU CARBONE ET UN METAL OU UN ALLIAGE FERROMAGNETIQUE**
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[72] GEUS, JOHN WILHELM, NL
[72] REESINK, BERNARD HENDRIK, NL
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[54] **METHODES DE DIAGNOSTIC DU CANCER COLORECTAL ET DES POLYPES COLORECTAUX FAISANT APPEL AU DOSAGE DE METABOLITES URINAIRES**
[72] FEDORAK, RICHARD NEIL, CA
[72] WANG, HAILI, CA
[73] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
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[25] EN
[54] **SIGMA LIGANDS FOR THE PREVENTION AND/OR TREATMENT OF EMESIS INDUCED BY CHEMOTHERAPY OR RADIOTHERAPY**
[54] **LIGANDS SIGMA POUR LA PREVENTION ET/OU LE TRAITEMENT DES VOMISSEMENTS INDUITS PAR LA CHIMIOTHERAPIE ET LA RADIOTHERAPIE**
[72] VELA HERNANDEZ, JOSE MIGUEL, ES
[72] CODONY-SOLER, XAVIER, ES
[72] ZAMANILLO-CASTANEDO, DANIEL, ES
[73] LABORATORIOS DEL DR. ESTEVE, S.A., ES
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[25] EN
[54] **PROCESS FOR THE SEPARATION OF LIGNINS AND SUGARS FROM AN EXTRACTION LIQUOR**
[54] **PROCEDE POUR LA SEPARATION DE LIGNINES ET DE SUCRES D'UNE LIQUEUR D'EXTRACTION**
[72] DELMAS, MICHEL, FR
[72] BENJELLOUN MLAYAH, BOUCHRA, FR
[73] COMPAGNIE INDUSTRIELLE DE LA MATIERE VEGETALE - CIMV, FR
[85] 2012-11-27
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[54] **WAVEFORM SHAPES FOR TREATING NEUROLOGICAL DISORDERS OPTIMIZED FOR ENERGY EFFICIENCY**
[54] **PROFILS DE FORME D'ONDE POUR LE TRAITEMENT DE TROUBLES NEUROLOGIQUES OPTIMISES POUR UNE EFFICACITE ENERGETIQUE**
[72] GRILL, WARREN M., US
[72] WONGSARNPIGOON, AMORN, US
[73] NDI MEDICAL, LLC, US
[85] 2012-11-27
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[54] **PHOSPHAPLATINS AND THEIR USE FOR TREATMENT OF CANCERS**
[54] **PHOSPHAPLATINES ET LEUR UTILISATION POUR LE TRAITEMENT DE CANCERS**
[72] BOSE, RATHINDRA N., US
[73] OHIO UNIVERSITY, US
[85] 2012-11-27
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[51] **Int.Cl. C04B 26/26 (2006.01) C04B 18/16 (2006.01) C04B 22/06 (2006.01)**
[25] EN
[54] **MIXTURES OF ZEOLITE AND RAP/RAS**
[54] **MELANGES DE ZEOLITE ET DE RAP/RAS**
[72] BARGER, SCOTT, US
[72] SOTELO, ARMANDO, US
[72] MICCO, DANIEL, US
[72] RIBEIRO, FLAVIO ERNESTO, US
[73] PQ CORPORATION, US
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[25] EN
[54] **LAMINATED GLAZING WITH VARIABLE LIQUID-CRYSTAL-INDUCED SCATTERING, AND PROCESS AND DEVICE FOR MANUFACTURING IT**
[54] **GLACAGE LAMELLE A DISPERSION INDUITE VARIABLE DE CRISTAUX LIQUIDES, ET PROCEDE ET DISPOSITIF DE FABRICATION ASSOCIE**
[72] KUJAWA, JEAN, FR
[72] VILA, SERGE, FR
[73] CARDINAL IG COMPANY, US
[85] 2012-12-20
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[25] EN
[54] **ADENOVIRUS AD36 E4ORF1 PROTEIN FOR PREVENTION AND TREATMENT OF NON-ALCOHOLIC FATTY LIVER DISEASE**
[54] **PROTEINE E4ORF1 D'ADENOVIRUS AD36 POUR LA PREVENTION ET LE TRAITEMENT DE LA STEATOSE HEPATIQUE NON ALCOOLIQUE**
[72] DHURANDHAR, NIKHIL, US
[73] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US
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[54] **ELECTRICAL WIRING FOR DRILL PIPE, CASING, AND TUBING**
[54] **CABLAGE ELECTRIQUE POUR TIGE DE FORAGE, TUBAGE, ET COLONNE DE PRODUCTION**
[72] HUGHES, WILLIAM JAMES, US
[72] LANE, BRYAN, US
[72] BRIGGS, GARY MARSHALL, US
[73] SUNSTONE TECHNOLOGIES, LLC., US
[85] 2013-01-03
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[25] FR
[54] **METHOD AND DEVICE FOR DETECTING A ROTATIONAL SEPARATION ADVERSELY AFFECTING A TURBINE ENGINE COMPRESSOR**
[54] **PROCEDE ET DISPOSITIF DE DETECTION D'UN DECOLLEMENT TOURNANT AFFECTANT UN COMPRESSEUR DE TURBOMACHINE**
[72] DJELASSI, CEDRIK, FR
[73] SNECMA, FR
[85] 2013-01-04
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[54] **CHEMICAL PROCESSES FOR THE MANUFACTURE OF SUBSTITUTED BENZOFURANS**
[54] **PROCEDES CHIMIQUES POUR LA FABRICATION DE BENZOFURANES SUBSTITUES**
[72] FLYNN, BERNARD LUKE, AU
[73] BIONOMICS LIMITED, AU
[85] 2013-01-15
[86] 2011-07-15 (PCT/AU2011/000900)
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[51] **Int.Cl. H02H 3/00 (2006.01) H02H 3/04 (2006.01) H02H 7/04 (2006.01)**
[25] EN
[54] **SENSING AND CONTROL ELECTRONICS FOR A POWER GRID PROTECTION SYSTEM**
[54] **CIRCUITS ELECTRONIQUES DE DETECTION ET DE COMMANDE DESTINES A UN SYSTEME DE PROTECTION D'UN RESEAU DE DISTRIBUTION D'ENERGIE**
[72] FAXVOG, FREDERICK R., US
[72] JENSEN, WALLACE, US
[72] NOE, TERRENCE R., US
[72] EID, CRAIG, US
[72] JACKSON, DAVID BLAKE, US
[72] FUCHS, GREG, US
[72] NORDLING, GALE, US
[73] EMPRIMUS, LLC, US
[85] 2013-01-15
[86] 2011-07-20 (PCT/US2011/044658)
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[25] EN
[54] **CONTINUOUS UNINTERRUPTABLE AC GROUNDING SYSTEM FOR POWER SYSTEM PROTECTION**
[54] **SYSTEME DE MISE A LA TERRE CONTINU EN COURANT ALTERNATIF NE POUVANT ETRE INTERROMPU DESTINE A LA PROTECTION D'UN SYSTEME D'ALIMENTATION ELECTRIQUE**
[72] FAXVOG, FREDERICK R., US
[72] JENSEN, WALLACE, US
[72] NORDLING, GALE, US
[72] FUCHS, GREG, US
[72] JACKSON, DAVID BLAKE, US
[72] VOLKMANN, TERRY LEE, US
[72] RUEHL, JAMES NICHOLAS, US
[72] GROH, BRIAN, US
[73] EMPRIMUS, LLC, US
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[25] EN
[54] **TEXTURED, FREEZE-DRIED PRODUCTS AND METHODS FOR MAKING SAME**
[54] **PRODUITS LYOPHILISES TEXTURES ET PROCEDES DE FABRICATION DE CES DERNIERS**
[72] SCHALLER, RAPHAEL, US
[72] HARTLIEP, BARBARA BURZINSKI, US
[73] NESTEC S.A., CH
[85] 2013-01-18
[86] 2011-07-18 (PCT/US2011/044405)
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[25] EN
[54] **FROZEN CONFECTIONERY PRODUCTS WITH IMPROVED TEXTURE**
[54] **PRODUITS DE CONFISERIE CONGELES DOTES D'UNE TEXTURE AMELIOREE**
[72] UMMADI, MADHAVI, US
[72] VAGHELA, MADANSINH NATHUSINH, US
[72] BUTTERWORTH, AARON BETH, US
[72] PANDYA, NIRAV CHANDRAKANT, US
[72] MCCUNE, BRIDGETT LYNN, US
[72] SCHMITT, CHRISTOPHE JOSEPH ETIENNE, CH
[72] SAIKALI, JOUMANA, FR
[73] NESTEC S.A., CH
[85] 2013-01-22
[86] 2011-07-22 (PCT/EP2011/062621)
[87] (WO2012/016853)
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[13] C
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[25] EN
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[54] **CAPTURE DE MICRO-ORGANISMES**
[72] STANLEY, CHRISTOPHER JOHN, GB
[72] WILSON, STUART MARK, GB
[73] MICROSENS DIAGNOSTICS LIMITED, GB
[85] 2013-01-24
[86] 2011-06-29 (PCT/GB2011/051225)
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[25] EN
[54] **INTEGRATING PAYMENT AGGREGATORS WITH E-COMMERCE PLATFORM**
[54] **INTEGRATION DES AGREGATEURS DE PAIEMENT A UNE PLATEFORME DE COMMERCE ELECTRONIQUE**
[72] SENAPATI, TAPAS RANJAN, IN
[72] SAHOO, RAKESH, IN
[72] PUROHIT, SUMIT, IN
[72] HATI, RASHMI RANJAN, IN
[73] TATA CONSULTANCY SERVICES LIMITED, IN
[86] (2806725)
[87] (2806725)
[22] 2013-02-20
[30] IN (476/MUM/2012) 2012-02-21

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[25] EN
[54] **PROLINE SULFONAMIDE DERIVATIVES AS OREXIN RECEPTOR ANTAGONISTS**
[54] **DERIVES DE PROLINE SULFONAMIDE COMME ANTAGONISTES DES RECEPTEURS DE L'OREXINE**
[72] BOSS, CHRISTOPH, CH
[72] BROTSCHI, CHRISTINE, CH
[72] GATFIELD, JOHN, CH
[72] GUDE, MARKUS, CH
[72] HEIDMANN, BIBIA, CH
[72] SIFFERLEN, THIERRY, CH
[72] WILLIAMS, JODI T., CH
[73] IDORSIA PHARMACEUTICALS LTD, CH
[85] 2013-01-29
[86] 2011-08-23 (PCT/IB2011/053693)
[87] (WO2012/025877)
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[25] EN
[54] **USE OF SIGMA LIGANDS IN OPIOID-INDUCED HYPERALGESIA**
[54] **UTILISATION DE LIGANDS SIGMA DANS UNE HYPERALGIE INDUITE PAR DES OPIOIDES**
[72] VELA HERNANDEZ, JOSE MIGUEL, ES
[72] ZAMANILLO-CASTANEDO, DANIEL, ES
[72] PUIG RIERA DE CONIAS, MARGARITA, ES
[73] LABORATORIOS DEL DR. ESTEVE, S.A., ES
[85] 2013-01-30
[86] 2011-08-02 (PCT/EP2011/063286)
[87] (WO2012/016980)
[30] EP (10382215.1) 2010-08-03

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[54] **IMPROVED PAPER CUP SEAL**
[54] **DISPOSITIF D'ETANCHEITE AMELIORE POUR GOBELET EN CARTON**
[72] HOUGLAND, DALE P., US
[72] HAFLEY, ANTHONY R., US
[72] BROWN, DAVID C., US
[72] FIKE, GREGORY M., US
[73] GPCP IP HOLDINGS LLC, US
[85] 2013-02-06
[86] 2011-08-23 (PCT/US2011/048767)
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[30] US (61/376,935) 2010-08-25

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[51] **Int.Cl. H04L 29/06 (2006.01) G05B 19/048 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **CONNECTION SYSTEM AND CONNECTION METHOD FOR A BUILDING FACILITY DEVICE MANAGING SYSTEM**
[54] **SYSTEME DE CONNEXION D'UN SYSTEME DE GESTION D'INSTALLATION D'IMMEUBLE, METHODE DE CONNEXION DU SYSTEME DE GESTION D'INSTALLATION D'IMMEUBLE ET PROGRAMME DE CONNEXION D'UN SYSTEMEDE GESTION D'INSTALLATION D'IMMEUBLE**
[72] KON, TOSHIHITO, JP
[72] TAKAOKA, DAIGO, JP
[72] AKAMATSU, FUMIYA, JP
[72] TAKAGI, HIDENORI, JP
[73] HITACHI SYSTEMS, LTD., JP
[85] 2013-02-28
[86] 2012-03-08 (PCT/JP2012/055958)
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[25] EN
[54] **GASEOUS-FUELLED STOICHIOMETRIC COMPRESSION IGNITION INTERNAL COMBUSTION ENGINE**
[54] **MOTEUR A COMBUSTION INTERNE A ALLUMAGE PAR COMPRESSION STOECHIOMETRIQUE A COMBUSTIBLE GAZEUX**
[72] MUNSHI, SANDEEP, CA
[72] WELCH, ALAN B., CA
[72] MCTAGGART-COWAN, GORDON P., CA
[73] WESTPORT POWER INC., CA
[85] 2013-02-08
[86] 2011-08-12 (PCT/CA2011/050495)
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[30] US (61/374,257) 2010-08-16

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[54] **MICROSCOPE NUMERIQUE**
[72] HING, PAUL, DE
[72] ROMER, CHRISTIAN, DE
[72] HENSLER, SVEN, DE
[73] SAKURA FINETEK U.S.A., INC., US
[85] 2013-02-11
[86] 2011-08-19 (PCT/US2011/048488)
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[30] US (61/375,703) 2010-08-20

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[13] C
[51] **Int.Cl. H04W 76/19 (2018.01) H04W 60/04 (2009.01) H04W 76/28 (2018.01)**
[25] EN
[54] **METHODS AND APPARATUS TO INVOKE DATA EXCHANGE BASED NETWORK RECOVERY**
[54] **PROCEDES ET APPAREIL DESTINES A INVOQUER LA REPRISE D'UN RESEAU SUR LA BASE DE L'ECHANGE DE DONNEES**
[72] BURBIDGE, RICHARD CHARLES, GB
[72] ARZELIER, CLAUDE JEAN-FREDERIC, GB
[72] FAURIE, RENE, FR
[72] SOKONDAR, ENIKO, GB
[73] BLACKBERRY LIMITED, CA
[85] 2013-02-13
[86] 2011-07-28 (PCT/IB2011/002577)
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[30] EP (10290446.3) 2010-08-16

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[51] **Int.Cl. F41H 7/04 (2006.01) B62D 27/00 (2006.01) F41H 5/007 (2006.01)**
[25] EN
[54] **LOAD TRANSFER DEVICE**
[54] **DISPOSITIF DE TRANSFERT DE CHARGE**
[72] CASSADAY, NICHOLAS MICHAEL, US
[72] RUSSELL, DAN, US
[73] INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC, US
[86] (2809605)
[87] (2809605)
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[25] EN
[54] **A METHOD AND AN APPARATUS FOR MAKING A MINERAL MELT**
[54] **PROCEDE ET APPAREIL DE FABRICATION DE FONTE MINERALE**
[72] BOLLUND, LARS, DK
[72] HANSEN, LARS ELMEKILDE, DK
[73] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2013-02-28
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[51] **Int.Cl. B01D 53/32 (2006.01) A61L 9/22 (2006.01) B01D 53/44 (2006.01) H05H 1/46 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR THE TREATMENT OF A GASEOUS MEDIUM AND USE OF THE DEVICE FOR THE TREATMENT OF A GASEOUS MEDIUM, LIQUID, SOLID, SURFACE OR ANY COMBINATION THEREOF**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT DE MILIEU GAZEUX ET UTILISATION DU DISPOSITIF POUR TRAITEMENT DE MILIEU GAZEUX, DE LIQUIDE, DE SOLIDE, DE SURFACE OU DE N'IMPORTE QUELLE COMBINAISON DE CEUX-CI**
[72] BEAUDOUIN, JEAN-MICHEL, CH
[73] BEAUDOUIN, JEAN-MICHEL, CH
[85] 2013-03-01
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[87] (WO2012/028687)
[30] EP (PCT/EP2010/062870) 2010-09-02

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[13] C
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 43/14 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR FLUID TREATMENT OF A WELL**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT DE FLUIDE D'UN PUITS**
[72] THEMIG, DANIEL JON, CA
[72] COON, ROBERT JOE, US
[72] EMERSON, JOHN LEE, US
[73] PACKERS PLUS ENERGY SERVICES INC., CA
[85] 2013-03-07
[86] 2011-09-23 (PCT/CA2011/001066)
[87] (WO2012/037661)
[30] US (61/385,889) 2010-09-23
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[51] **Int.Cl. G01N 33/15 (2006.01) C08B 37/00 (2006.01)**
[25] EN
[54] **HIGH PURITY HEPARIN AND PRODUCTION METHOD THEREFOR**
[54] **HEPARINE DE PURETE ELEVEE ET PROCEDE DE PRODUCTION ASSOCIE**
[72] MUGURUMA, MICHIO, JP
[72] MURATA, HIROSHI, JP
[73] UNIVERSITY OF MIYAZAKI, JP
[73] FUSO PHARMACEUTICAL INDUSTRIES, LTD., JP
[85] 2013-03-12
[86] 2011-09-13 (PCT/JP2011/070851)
[87] (WO2012/036152)
[30] JP (2010-205310) 2010-09-14

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[13] C
[51] **Int.Cl. A01H 1/04 (2006.01) B07C 5/34 (2006.01) A01H 1/02 (2006.01)**
[25] EN
[54] **METHOD FOR OBTAINING SUBSTANTIALLY PURE F1 HYBRID CEREAL SEED USING NEAR-INFRARED LIGHT AND A MACHINE FOR USE THEREOF**
[54] **METHODE PERMETTANT D'OBTENIR UNE SEMENCE HYBRIDE F1 SUBSTANTIELLEMENT PURE AU MOYEN DE LUMIERE PROCHE INFRAROUGE ET D'UNE MACHINE DESTINEE A CET USAGE**
[72] BENSLEY-BROMILOW, JOHN CHARLES BATTLEAXE, CH
[72] BRUNS, ROBERT FRITZPATRICK, US
[72] MARTIN, BARRY ANDREW, CH
[72] NEUFFER, KARSTEN, CH
[73] SYNGENTA LIMITED, GB
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[72] SWIFT, TIM, US
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[73] METTLER-TOLEDO SAFELINE LIMITED, GB
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[73] TYCO ELECTRONICS UK LTD, GB
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[54] **PROCEDE ET SYSTEME POUR LE COLLAGE D'UNE ANNONCE PUBLICITAIRE, DISPOSITIF DE COLLAGE ET DISPOSITIF COTE TETE DE RESEAU**
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[72] YAN, XIAOJUN, CN
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[73] IMPACT SELECTOR LIMITED, GB
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[72] SPIESSHOFER, THOMAS, DE
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[72] PALMU, LAURI, FI
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[72] CRANOR, EARL, US
[73] CYALUME TECHNOLOGIES, INC., US
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[72] PINIARSKI, MARK, CA
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[72] ANDERSON, JEFF, CA
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[54] **COMPOSITION CONTROLANT LES MALADIES FONGIQUES DE PLANTES COMPORTANT DE LA MANDESTROBINE ET UN COMPOSE MACROLIDE ET METHODE DE CONTROLE DES MALADIES FONGIQUES DE PLANTES**
[72] KIGUCHI, SO, JP
[72] TANAKA, SOICHI, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[72] NETTEKOVEN, MATTHIAS, DE
[72] NORCROSS, ROGER, CH
[72] POLARA, ALESSANDRA, CH
[73] F. HOFFMANN-LA ROCHE AG, CH
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[72] VAN HOLEN, JURGEN, BE
[72] DECAUX, MARC, BE
[72] SALVIATO, JEAN-YVES, BE
[73] ALLNEX BELGIUM S.A., BE
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[54] **PROCEDE DE CONTROLE DE LA GENERATION ELECTRIQUE APPLIQUEE A UNE TURBINE A GAZ D'AERONEF ET DISPOSITIF METTANT EN OEUVRE UN TEL PROCEDE**
[72] LANGFORD, STEPHEN, FR
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[73] TURBOMECA, FR
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[72] GOBBI, LUCA, CH
[72] GROEBKE ZBINDEN, KATRIN, CH
[72] KOERNER, MATTHIAS, DE
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[54] **PROCEDE POUR L'OBTENTION DE CHONDROITINE SULFATEE AUX POSITIONS 4 OU 6 DE RESIDUS DE N-ACETYL-GALACTOSAMINE**
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[72] DE ROSA, MARIO, CH
[72] DE CASTRO, CRISTINA, CH
[72] DI NOLA, ANNALIDA, CH
[72] PARRILLI, MICHELANGELO, CH
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[54] **CATALYSEUR MULTI-METALLIQUE D'HYDROCONVERSION ET SON PROCEDE DE PREPARATION**
[72] KUPERMAN, ALEXANDER E., US
[72] MAESEN, THEODORUS, US
[72] DYKSTRA, DENNIS, US
[72] WANG, PING, US
[72] UCKUNG, SOY, US
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[72] KISER, PATRICK F., US
[72] MCCABE, R. TYLER, US
[72] KISER, MARGARET N., US
[72] ALBRIGHT, THEODORE HENRY, US
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[54] **COMPOSITION LUBRIFIANTE CONTENANT DES COMPOSES 1,3-DIOXOLANE-4-METHANOL COMME ADDITIFS ANTI-USURE**
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[72] DE VRIES, LOUWE, NL
[72] NELEMANS, SIEGER ADRIAAN, NL
[72] RINK, RICK, NL
[72] ROKS, ANTONIUS JACOBUS MARINUS, NL
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[73] EPIC OIL EXTRACTORS, LLC, US
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[72] NITTA, KOJI, JP
[72] INAZAWA, SHINJI, JP
[72] MAJIMA, MASATOSHI, JP
[72] YAMAGUCHI, ATSUSHI, JP
[72] SAKAI, SHOICHIRO, JP
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[72] NOHIRA, TOSHIYUKI, JP
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[54] **ENSEMBLE DISTRIBUTEUR DE GANT**
[72] LIEN, KHOA T., US
[73] O&M HALYARD INTERNATIONAL UNLIMITED COMPANY, IE
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[54] **PROCEDE DE FERMENTATION METTANT EN JEU L'AJUSTEMENT D'UNE CAPTURE DE CO SPECIFIQUE**
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[72] BEARD, BRANDON, US
[73] INEOS BIO SA, CH
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[54] **METHOD OF OPERATION OF FERMENTATION OF GASEOUS SUBSTRATE COMPRISING HYDROGEN**
[54] **PROCEDE DE MISE EN OEUVRE DE LA FERMENTATION D'UN SUBSTRAT GAZEUX COMPRENANT DE L'HYDROGENE**
[72] SENARATNE, RYAN, US
[72] BEARD, BRANDON, US
[73] INEOS BIO SA, CH
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[54] **AN APPARATUS FOR TRANSVERSE CUTTING OF A CONTINUOUSLY MOVING WEB AND A METHOD THEREFORE**
[54] **APPAREIL POUR LA COUPE EN TRAVERS D'UNE BANDE EN MOUVEMENT CONTINU, ET PROCEDE POUR CETTE COUPE**
[72] HOULBERG, JENS, DK
[73] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2013-05-30
[86] 2011-12-06 (PCT/EP2011/071889)
[87] (WO2012/084490)
[30] EP (10195849.4) 2010-12-20

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[51] **Int.Cl. A61M 5/142 (2006.01) H02J 7/00 (2006.01) H02J 9/06 (2006.01)**
[25] EN
[54] **BATTERY MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE BATTERIE**
[72] KROGH, ROSS G., US
[72] MARTUCCI, JAMES P., US
[72] KOTECKI, JEFFREY D., US
[72] GRZESZYKOWSKI, MIROSLAW, US
[73] BAXTER HEALTHCARE S.A., CH
[73] BAXTER INTERNATIONAL INC., US
[85] 2013-06-10
[86] 2011-12-12 (PCT/US2011/064374)
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[51] **Int.Cl. F01D 5/18 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE AND COOLED FLOWPATH COMPONENT THEREFOR**
[54] **TURBINE A GAZ ET CIRCUIT D'ECOULEMENT REFROIDI ASSOCIE**
[72] MOGA, CORINA, US
[72] LAYNE, JERRY, US
[72] RHODES, JEFFREY F., US
[73] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[85] 2013-06-10
[86] 2011-12-27 (PCT/US2011/067395)
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[30] US (61/428,728) 2010-12-30

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[51] **Int.Cl. A24D 1/02 (2006.01)**
[25] EN
[54] **SMOKING ARTICLE HAVING AN INNER WRAPPER COMPRISING RECONSTITUED TOBACCO MATERIAL**
[54] **ARTICLE DE FUMEUR COMPORTANT UN EMBALLAGE INTERIEUR RENFERMANT DE LA MATIERE DE TABAC RECONSTITUE**
[72] MORALES, SANTIAGO, GB
[72] OLIVEIRA, PAULO AUGUSTO, GB
[72] JOHN, EDWARD DENNIS, GB
[72] GRIERSON, GORDON, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2013-06-13
[86] 2012-01-06 (PCT/EP2012/050177)
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[30] GB (1100218.5) 2011-01-07
[30] GB (1114638.8) 2011-08-24

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[51] **Int.Cl. A61J 1/10 (2006.01) A61J 1/18 (2006.01) G06Q 50/00 (2012.01)**
[25] EN
[54] **MEDICAL PACKAGE, SYSTEM AND METHOD FOR MANAGING MEDICAL PACKAGE**
[54] **CONDITIONNEMENT MEDICAL, SYSTEME ET PROCEDE POUR LA GESTION DE CONDITIONNEMENT MEDICAL**
[72] SANDVIK, LEIF, SE
[72] STRANDBERG, CHRISTIAN, SE
[72] OSKARSSON, THOMAS, SE
[72] GRAMMING, MAGNUS, SE
[73] TRIDENTIFY AB, SE
[85] 2013-06-17
[86] 2011-11-15 (PCT/SE2011/051366)
[87] (WO2012/091655)
[30] SE (1001195-5) 2010-12-16

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[51] **Int.Cl. B66B 29/00 (2006.01) B65G 43/02 (2006.01) B66B 27/00 (2006.01)**
[25] EN
[54] **DEVICE FOR MOVING PEOPLE AND/OR OBJECTS**
[54] **DISPOSITIF DE TRANSPORT DE PERSONNES ET/OU D'OBJETS**
[72] TROJER, ANDREAS, AT
[72] BLONDIAU, DIRK, AT
[72] MATHEISL, MICHAEL, AT
[72] SAILER, PAUL, AT
[73] INVENTIO AG, CH
[85] 2013-06-20
[86] 2011-12-19 (PCT/EP2011/073193)
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[25] FR
[54] **DEVICE FOR SUSPENDING A TURBOJET ENGINE**
[54] **DISPOSITIF DE SUSPENSION D'UN TURBOREACTEUR**
[72] BALK, WOUTER, FR
[72] VINCENT, THOMAS ALAIN CHRISTIAN, FR
[73] SNECMA, FR
[85] 2013-06-20
[86] 2011-12-20 (PCT/FR2011/053066)
[87] (WO2012/089956)
[30] FR (1061281) 2010-12-27

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[51] **Int.Cl. F03D 80/00 (2016.01) F03D 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR BRAKING A WIND TURBINE ROTOR AT AN OVERSPEED CONDITION**
[54] **SYSTEME ET PROCEDE POUR FREINER UN ROTOR D'EOLIENNE EN SITUATION DE SURVITESSE**
[72] PERLEY, THOMAS FRANKLIN, US
[72] GERBER, BRANDON SHANE, US
[72] YARBROUGH, AARON, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2822976)
[87] (2822976)
[22] 2013-08-01
[30] US (13/587,133) 2012-08-16

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[51] **Int.Cl. F16D 9/04 (2006.01) F01D 21/02 (2006.01)**
[25] FR
[54] **MECHANICAL PROTECTION METHOD AND DEVICE**
[54] **DISPOSITIF ET PROCEDE DE PROTECTION MECANIQUE**
[72] BATLLE, FREDERIC FERDINAND JACQUES, FR
[73] TURBOMECA, FR
[85] 2013-06-26
[86] 2012-01-03 (PCT/FR2012/050001)
[87] (WO2012/093228)
[30] FR (1150066) 2011-01-05

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[51] **Int.Cl. F01D 5/22 (2006.01) F01D 5/26 (2006.01) F01D 5/30 (2006.01) F01D 11/00 (2006.01)**
[25] FR
[54] **METHOD FOR DAMPING A GAS-TURBINE BLADE, AND VIBRATION DAMPER FOR IMPLEMENTING SAME**
[54] **PROCEDE D'AMORTISSEMENT DE PALE DE TURBINE A GAZ ET AMORTISSEUR DE VIBRATION DE MISE EN OEUVRE**
[72] SAHORES, JEAN-LUC PIERRE, FR
[72] BEAUCOUESTE, MICHEL FRANCOIS LEON, FR
[73] TURBOMECA, FR
[85] 2013-06-28
[86] 2011-12-20 (PCT/FR2011/053067)
[87] (WO2012/093217)
[30] FR (1150042) 2011-01-04

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[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 31/335 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING AND METHODS OF USING INHIBITORS OF SODIUM-GLUCOSE COTRANSPORTERS 1 AND 2**
[54] **COMPOSITIONS CONTENANT DES INHIBITEURS DES CO-TRANSPORTEURS DE SODIUM-GLUCOSE 1 ET 2 ET PROCEDES POUR LES UTILISER**
[72] CHEN, JINLING, US
[72] NYAMWEYA, NASSER N., KE
[72] ONG, KENNETH K. H., CA
[73] LEXICON PHARMACEUTICALS, INC., US
[85] 2013-07-03
[86] 2012-01-03 (PCT/US2012/020042)
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[30] US (61/430,027) 2011-01-05

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[13] C
[51] **Int.Cl. B01F 13/10 (2006.01) B01F 15/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR DISPENSING A PLURALITY OF FLUIDS**
[54] **APPAREIL DE DISTRIBUTION D'UNE PLURALITE DE LIQUIDES**
[72] ENGELS, MARCEL HENDRIKUS PETRUS, NL
[72] KRUIT, MARTIN, NL
[72] VAN BEELEN, NICO, NL
[72] KROM, RONALD PETER, NL
[72] VOSKUIL, MARCUS JOHANNES, NL
[72] OOSTENDORP, MATTIJS, NL
[73] FAST & FLUID MANAGEMENT B.V., NL
[85] 2013-07-05
[86] 2011-12-09 (PCT/EP2011/072362)
[87] (WO2012/093020)
[30] US (12/986,307) 2011-01-07

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[51] **Int.Cl. G11B 23/50 (2006.01) G03D 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR RECONDITIONING DATA CARRIER**
[54] **PROCEDE DE RESTAURATION DE SUPPORTS DE DONNEE**
[72] WALLASZKOVITS, NADJA, AT
[72] LIEPERT, PETER, AT
[72] SPOLJARIC-LUKACIC, LIDIJA, AT
[73] OSTERREICHISCHE AKADEMIE DER WISSENSCHAFTEN, AT
[85] 2013-06-18
[86] 2011-12-23 (PCT/AT2011/000516)
[87] (WO2012/088553)
[30] AT (A 2124/2010) 2010-12-23

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[13] C
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **SEED TUBE OUTLET MOUNTED SEED SENSOR**
[54] **DETECTEUR DE GRAINE MONTE SUR LA SORTIE D'UN TUBE A GRAINES**
[72] SAUDER, GREGG A., US
[72] PLANTAMURA, LOUIS G., US
[73] PRECISION PLANTING LLC, US
[85] 2013-06-26
[86] 2012-01-04 (PCT/US2012/020202)
[87] (WO2012/094404)
[30] US (12/984,263) 2011-01-04

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[51] **Int.Cl. C07D 471/08 (2006.01) A61K 31/4748 (2006.01) A61P 25/00 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING PYRIDONE DERIVATIVES**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DES DERIVES DE PYRIDONE**
[72] MAENG, CHEOL YOUNG, KR
[72] JANG, YOUNG KOO, KR
[72] CHA, SU BONG, KR
[72] SHIN, HYE WON, KR
[72] JOUNG, CHAN MI, KR
[72] YI, EUN JUNG, KR
[73] SK BIOPHARMACEUTICALS CO., LTD., KR
[85] 2013-07-11
[86] 2012-01-30 (PCT/KR2012/000652)
[87] (WO2012/102583)
[30] KR (10-2011-0008962) 2011-01-28

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[51] **Int.Cl. B64D 11/06 (2006.01) A47C 7/54 (2006.01)**
[25] EN
[54] **ADJUSTABLE SEAT ASSEMBLY**
[54] **ENSEMBLE DE SIEGE REGLABLE**
[72] BOREN, KELLY L., US
[73] THE BOEING COMPANY, US
[86] (2824796)
[87] (2824796)
[22] 2013-08-23
[30] US (13/688,104) 2012-11-28

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[51] **Int.Cl. C23C 28/00 (2006.01) C08J 7/06 (2006.01)**
[25] EN
[54] **THERMAL SPRAY COATED REINFORCED POLYMER COMPOSITES**
[54] **COMPOSITES POLYMERES RENFORCES ENROBES PAR PULVERISATION THERMIQUE**
[72] MATOS, MARVI A., US
[72] GHABCHI, ARASH, US
[72] RANADE, ALPANA N., US
[73] THE BOEING COMPANY, US
[86] (2824830)
[87] (2824830)
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[25] EN
[54] **CELL CHANGE NOTIFICATION CONTROL FOR CSG CELLS**
[54] **COMMANDE DE NOTIFICATION DE CHANGEMENT DE CELLULE POUR DES CELLULES CSG**
[72] HOLE, DAVID PHILIP, GB
[73] BLACKBERRY LIMITED, CA
[85] 2013-07-16
[86] 2011-02-18 (PCT/EP2011/052468)
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[51] **Int.Cl. G05B 13/04 (2006.01) G05B 17/02 (2006.01)**
[25] EN
[54] **DYNAMIC PREDICTIVE MODELING PLATFORM**
[54] **PLATE-FORME DE MODELISATION PREDICTIVE DYNAMIQUE**
[72] BRECKENRIDGE, JORDAN M., US
[72] GREEN, TRAVIS H. K., US
[72] KAPLOW, ROBERT, US
[72] LIN, WEI-HAO, US
[72] MANN, GIDEON S., US
[73] GOOGLE LLC, US
[85] 2013-07-18
[86] 2012-01-26 (PCT/US2012/022655)
[87] (WO2012/103290)
[30] US (13/014,223) 2011-01-26
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[25] EN
[54] **PATCH PREPARATION**
[54] **PREPARATION DE TIMBRE TRANSDERMIQUE**
[72] OKADA, YASUAKI, JP
[72] OKADA, KATSUHIRO, JP
[72] NISHIMURA, MASATO, JP
[72] KAWAHARADA, YUJI, JP
[73] NITTO DENKO CORPORATION, JP
[85] 2013-07-25
[86] 2012-02-01 (PCT/JP2012/052306)
[87] (WO2012/105618)
[30] JP (2011-021201) 2011-02-02

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[51] **Int.Cl. F01D 11/24 (2006.01)**
[25] FR
[54] **METHOD FOR CONTROLLING THE CLEARANCE AT THE TIPS THE BLADES OF A TURBINE ROTOR**
[54] **PROCEDE DE PILOTAGE DE JEU EN SOMMET D'AUBES DE ROTOR DE TURBINE**
[72] JAVELOT, CHRISTOPHE, FR
[72] BONNEAU, DAMIEN, FR
[72] GAULLY, BRUNO ROBERT, FR
[72] OLIVIER, AMAURY, FR
[73] SNECMA, FR
[85] 2013-07-30
[86] 2012-02-02 (PCT/FR2012/050232)
[87] (WO2012/107670)
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[51] **Int.Cl. F01D 5/14 (2006.01) F01D 5/30 (2006.01) F04D 29/32 (2006.01) F04D 29/68 (2006.01)**
[25] FR
[54] **BLADE-PLATFORM ASSEMBLY FOR SUBSONIC FLOW**
[54] **ENSEMBLE PALE-PLATEFORME POUR ECOULEMENT SUBSONIQUE**
[72] CELLIER, DAMIEN, FR
[72] PERROT, VINCENT PAUL GABRIEL, FR
[72] RIOS, JEAN-FRANCOIS, FR
[73] SNECMA, FR
[85] 2013-07-30
[86] 2012-02-06 (PCT/FR2012/050253)
[87] (WO2012/107676)
[30] FR (1151069) 2011-02-10

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[13] C
[51] **Int.Cl. C07K 14/78 (2006.01) A61K 38/39 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **RECOMBINANT LAMININ-521**
[54] **LAMININE-521 RECOMBINANTE**
[72] TRYGGVASON, KARL, SE
[72] RODIN, SERGEY, SE
[73] BIOLAMINA AB, SE
[85] 2013-06-17
[86] 2011-12-16 (PCT/IB2011/003258)
[87] (WO2012/080842)
[30] US (61/424,273) 2010-12-17
[30] US (61/488,353) 2011-05-20
[30] US (61/533,063) 2011-09-09
[30] US (61/537,940) 2011-09-22
[30] US (61/565,380) 2011-11-30
[30] US (61/565,849) 2011-12-01

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[51] **Int.Cl. A23L 27/20 (2016.01) A23L 27/00 (2016.01) C07D 213/50 (2006.01)**
[25] EN
[54] **OFF-NOTE MASKING**
[54] **MASQUAGE D'UNE NOTE ATYPIQUE**
[72] GRAY, KIMBERLEY, US
[72] WANG, YILI, US
[72] KELLER, SCOTT WAYNE, US
[73] GIVAUDAN SA, CH
[85] 2013-08-06
[86] 2012-03-14 (PCT/EP2012/054426)
[87] (WO2012/123475)
[30] US (61/452,456) 2011-03-14

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[13] C
[51] **Int.Cl. E01F 7/04 (2006.01)**
[25] EN
[54] **RETAINING DEVICE**
[54] **DISPOSITIF DE RETENUE**
[72] CANEPARI, ENEA, IT
[73] BETONFORM S.R.L., IT
[85] 2013-08-07
[86] 2012-02-09 (PCT/IB2012/050588)
[87] (WO2012/107896)
[30] IT (VR2011A000027) 2011-02-10

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[13] C
[51] **Int.Cl. A61F 13/08 (2006.01)**
[25] EN
[54] **GRADUATED COMPRESSION GARMENTS**
[54] **VETEMENTS DE COMPRESSION GRADUES**
[72] LEONARD, MICHAEL WAYNE, US
[72] YORK, DAVID MCKINLEY, US
[73] SIGVARIS INC., US
[73] SIGVARIS AG, CH
[85] 2013-08-20
[86] 2012-03-23 (PCT/EP2012/055217)
[87] (WO2012/127033)
[30] US (61/466,485) 2011-03-23
[30] EP (11171910.0) 2011-06-29

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[13] C
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 17/56 (2006.01) B81B 7/02 (2006.01)**
[25] EN
[54] **BONE AND TOOL TRACKING WITH MEMS IN COMPUTER-ASSISTED SURGERY**
[54] **SUIVI D'UN OS ET D'UN OUTIL A L'AIDE D'UN SYSTEME MEMS EN CHIRURGIE ASSISTEE PAR ORDINATEUR**
[72] AMIOT, LOUIS-PHILIPPE, CA
[72] COUTURE, PIERRE, CA
[72] PROULX, CATHERINE, CA
[72] NGUYEN, TRONG TIN, CA
[72] VALIN, MYRIAM, CA
[73] ORTHOSOFT INC., CA
[85] 2013-08-19
[86] 2011-02-25 (PCT/CA2011/050112)
[87] (WO2012/113054)

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[13] C
[51] **Int.Cl. C12Q 1/60 (2006.01) C12Q 1/26 (2006.01) C12Q 1/32 (2006.01) C12Q 1/44 (2006.01)**
[25] EN
[54] **METHOD FOR MEASURING CHOLESTEROL IN HDL SUBFRACTION, AND REAGENTS AND KIT THEREFOR**
[54] **PROCEDE DE MESURE DU TAUX DE CHOLESTEROL DANS UNE SOUS-FRACTION DE HDL ET REACTIFS ET KIT ASSOCIES**
[72] KATAYAMA, YUKI, JP
[72] SUGIUCHI, HIROYUKI, JP
[72] MATSUSHIMA, KAZUMI, JP
[73] KYOWA MEDEX CO., LTD., JP
[73] KUMAMOTO HEALTH SCIENCE UNIVERSITY, JP
[85] 2013-09-03
[86] 2012-03-15 (PCT/JP2012/001820)
[87] (WO2012/124340)
[30] JP (2011-057959) 2011-03-16

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[13] C
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[25] EN
[54] **MULTI-LAYER BRAZING SHEET**
[54] **FEUILLE DE BRASAGE MULTICOUCHE**
[72] BAUMANN, STEPHEN F., US
[72] KILMER, RAYMOND J., US
[72] REN, BAOLUTE, US
[73] ARCONIC INC., US
[85] 2013-09-11
[86] 2012-03-16 (PCT/US2012/029451)
[87] (WO2012/125929)
[30] US (61/453,417) 2011-03-16

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[13] C
[51] **Int.Cl. E21B 34/12 (2006.01) E21B 10/00 (2006.01) E21B 25/00 (2006.01)**
[25] EN
[54] **PRESSURE CORING ASSEMBLY AND METHOD**
[54] **ENSEMBLE DE CAROTTAGE SOUS PRESSION ET PROCEDE**
[72] KINSELLA, DOUG, CA
[73] CORPRO TECHNOLOGIES CANADA LTD., CA
[73] QUEST CORING USA, INC., US
[85] 2013-09-13
[86] 2012-03-09 (PCT/US2012/028478)
[87] (WO2012/125454)
[30] US (61/453,232) 2011-03-16
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[25] EN
[54] **COAL FLOW DISTRIBUTION CONTROLLERS FOR COAL PULVERIZERS**
[54] **REGULATEURS DE DISTRIBUTION DE FLUX DE CHARBON POUR PULVERISATEURS DE CHARBON**
[72] LIN, QINGSHENG, US
[72] BIANCA, JOSEPH, US
[72] ZHANG, JILIN, US
[72] FREEMAN, WILLIAM, US
[72] RATH, JOHN W., III, US
[73] BABCOCK POWER SERVICES, INC., US
[85] 2013-09-17
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[87] (WO2012/154309)
[30] US (61/467,239) 2011-03-24

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[25] EN
[54] **SELF-RETAINING VARIABLE LOOP SUTURES**
[54] **SUTURES A BOUCLE VARIABLE AUTOSTATIQUE**
[72] GROSS, JEFFREY M., US
[72] DRUBETSKY, LEV, CA
[72] D'AGOSTINO, WILLIAM L., US
[72] HUNTER, WILLIAM L., CA
[73] ETHICON, LLC, US
[85] 2013-09-20
[86] 2012-03-23 (PCT/US2012/030441)
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[30] US (61/466,924) 2011-03-23

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[13] C
[51] **Int.Cl. C07C 67/08 (2006.01) C07C 69/40 (2006.01) C10M 105/36 (2006.01)**
[25] EN
[54] **MIXTURE OF SUCCINIC ESTERS AS PLASTICIZER**
[54] **MELANGE D'ESTERS D'ACIDE SUCCINIQUE UTILISE COMME PLASTIFIANT**
[72] BECKER, HINNERK GORDON, DE
[72] GRASS, MICHAEL, DE
[73] EVONIK DEGUSSA GMBH, DE
[85] 2013-09-25
[86] 2012-02-27 (PCT/EP2012/053285)
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[30] DE (10 2011 006 557.1) 2011-03-31

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[54] **PROCEDE POUR PRODUIRE DE LA PATE ET DU PAPIER**
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[72] NODA, TAKAHARU, JP
[72] OHTAKE, HIROKI, JP
[72] HOSAKA, TATSUMI, JP
[73] NIPPON PAPER INDUSTRIES CO. LTD., JP
[73] AIKAWA IRON WORKS CO., LTD., JP
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[54] **FEED-THROUGH DEVICE**
[54] **DISPOSITIF D'ENTREE**
[72] CHARCENKO, VALERIJ, CS
[72] JURAK, MAREK, CS
[73] LAPP ENGINEERING & CO., CH
[86] (2831583)
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[54] **SYSTEME D'ACCUEIL OPHTALMIQUE D'AJUSTEMENT**
[72] RAKSI, FERENC, US
[72] LUMMIS, WESLEY WILLIAM, US
[73] ALCON LENSX, INC., US
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[54] **ONE-TOUCH PLATFORM FOR PRODUCT REGISTRATION AND SUPPORT**
[54] **PLATE-FORME UNE TOUCHE DESTINEE A UN ENREGISTREMENT DE PRODUIT ET SUPPORT**
[72] TUCHMAN, KENNETH D., US
[72] SHARPE, BRUCE A., US
[72] TRUONG, HENRY D., US
[72] RAHN, ALAN B., US
[73] TELETECH HOLDINGS, INC., US
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[54] **AN ASSEMBLY OF AIR AND PNEUMATIC DEVICES FOR WIND ENGINES**
[54] **UN ASSEMBLAGE DE DISPOSITIFS A AIR ET PNEUMATIQUE DESTINE A DES EOLIENNES**
[72] PISKORZ, WALDEMAR, PL
[72] PISKORZ, TOMASZ TADEUSZ, PL
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[54] **TURBINE NOZZLE GUIDE VANE ASSEMBLY IN A TURBOMACHINE**
[54] **DISTRIBUTEUR DE TURBINE DANS UNE TURBOMACHINE**
[72] SANDELIS, DENIS JEAN MAURICE, FR
[72] HERNANDEZ, DIDIER HIPPOLYTE, FR
[73] SNECMA, FR
[85] 2013-10-17
[86] 2012-05-04 (PCT/FR2012/051000)
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[54] **COMPUTER SYSTEM, METHOD FOR ACCESSING PERIPHERAL COMPONENT INTERCONNECT EXPRESS ENDPOINT DEVICE, AND APPARATUS**
[54] **SYSTEME INFORMATIQUE, PROCEDE POUR ACCEDER A UN DISPOSITIF D'EXTREMITE EXPRESS D'INTERCONNEXION DE COMPOSANTS PERIPHERIQUES ET APPAREIL**
[72] DU, GE, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **SYSTEM AND METHOD FOR DETECTING A GRID EVENT**
[54] **SYSTEME ET METHODE DE DETECTION D'UN EVENEMENT SUR UN RESEAU ELECTRIQUE**
[72] WAGONER, ROBERT GREGORY, US
[72] RITTER, ALLEN MICHAEL, US
[72] SHEPARD, MARK EUGENE, US
[72] HAQUE, TALHA IRFANUL, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **A TUNDISH IMPACT PAD**
[54] **UN COUSSINET D'IMPACT D'ENTONNOIR DE COULEE**
[72] REINHART, JEFFREY R., US
[73] VESUVIUS U S A CORPORATION, US
[85] 2013-10-23
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[54] **SEALING DEVICE FOR A TURBOMACHINE TURBINE NOZZLE**
[54] **DISPOSITIF D'ETANCHEITE POUR DISTRIBUTEUR DE TURBINE DE TURBOMACHINE**
[72] LUNEAU, FLORENT PIERRE ANTOINE, FR
[72] GIRARD, PATRICK JOSEPH MARIE, FR
[72] PRESTEL, SEBASTIEN JEAN LAURENT, FR
[72] SOUPIZON, JEAN-LUC, FR
[73] SNECMA, FR
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[25] FR
[54] **METHOD FOR THE PRODUCTION OF VERY-HIGH-STRENGTH MARTENSITIC STEEL AND SHEET OR PART THUS OBTAINED**
[54] **PROCEDE DE FABRICATION D'ACIER MARTENSITIQUE A TRES HAUTE RESISTANCE ET TOLE OU PIECE AINSI OBTENUE**
[72] ZHU, KANGYING, FR
[72] BOUAZIZ, OLIVIER, FR
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO SL, ES
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[54] **PICTURE GESTURE AUTHENTICATION**
[54] **AUTHENTIFICATION DE GESTE D'IMAGE**
[72] JOHNSON, JEFF, US
[72] SEIXEIRO, STEVE, US
[72] PACE, ZACHARY, US
[72] VAN DER BOGERT, GILES, US
[72] GILMOUR, SEAN, US
[72] SIEBENS, LEVI, US
[72] TUBBS, KEN, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **PROCEDE PHOTOSYNTHETIQUE**
[72] WHITTON, PETER ANDREW, GB
[73] NATURALLY SCIENTIFIC TECHNOLOGIES LIMITED, GB
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[54] **IMPROVED PORTABLE ELASTIC RESISTANCE DEVICE FOR EXERCISING THE SKELETAL MUSCLES**
[54] **DISPOSITIF PORTABLE A RESISTANCE ELASTIQUE AMELIOREE POUR FAIRE TRAVAILLER LES MUSCLES DU SQUELETTE**
[72] PRENTICE, J. DOUGLAS, CA
[72] NATEE, DANIEL D., CA
[73] PRENTICE, J. DOUGLAS, CA
[73] NATEE, DANIEL D., CA
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[54] **COMPOSITION FONGICIDE AGRICOLE OU HORTICOLE ET PROCEDE DE LUTTE CONTRE UN PATHOGENE DE PLANTE**
[72] SUGIMOTO, KOJI, JP
[72] SUZUKI, TAKANORI, JP
[72] YAMAMOTO, KOUDAI, JP
[73] ISHIHARA SANGYO KAISHA, LTD., JP
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[25] EN
[54] **FRICTIONAL WELD JOINT FOR AN ARTICLE COMPRISING A THERMOPLASTIC MATERIAL**
[54] **JOINT SOUDE PAR FRICTION POUR ARTICLE COMPRENANT UN MATERIAU THERMOPLASTIQUE**
[72] BHOSALE, ANKUR M., US
[72] KONDAPALLI, PRASANNA, US
[72] MCMASTER, WILLIAM J., US
[73] BASF SE, DE
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[25] EN
[54] **IMAGE CODING METHOD, IMAGE DECODING METHOD, IMAGE CODING APPARATUS, IMAGE DECODING APPARATUS, AND IMAGE CODING AND DECODING APPARATUS**
[54] **PROCEDE DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, ET DISPOSITIF DE CODAGE ET DE DECODAGE D'IMAGE**
[72] MATSUNOBU, TORU, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] SASAI, HISAO, JP
[72] TANIKAWA, KYOKO, JP
[72] SUGIO, TOSHIYASU, JP
[72] TERADA, KENGO, JP
[73] SUN PATENT TRUST, US
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[54] **AN OVERLAY NETWORK TOPOLOGY SYSTEM AND A NETWORK NODE DEVICE THEREFOR**
[54] **UN SYSTEME DE TOPOLOGIE DE RESEAU EN SUPERPOSITION ET UN DISPOSITIF DE NOEUD DE RESEAU ASSOCIE**
[72] MABILLEAU, PHILIPPE, CA
[72] AYOUB, SIMON, CA
[73] SOCPRA SCIENCES ET GENIE S.E.C., CA
[85] 2013-12-04
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[54] **MARQUEURS DE MALADIES THROMBOEMBOLIQUES**
[72] SALAS, EDUARDO, ES
[72] SORIA, JOSE MANUEL, ES
[72] OGORELKOVA, MIROSLAVA, ES
[72] ELOSUA, ROBERTO, ES
[72] VILA, JOAN S., ES
[72] CASTILLO, SERGIO, ES
[73] GENDIAG.EXE, S.L., ES
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[54] **SEPARATION POUR UNE STALLE D'ANIMAL**
[72] WILSON, ANDREW, GB
[73] J. WILSON AGRICULTURAL LIMITED, GB
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[54] **METHOD FOR MARKING AN OBJECT WITH MICRODIAMONDS**
[54] **PROCEDE DE MARQUAGE D'UN OBJET PAR MICRODIAMANTS**
[72] THOREL, ALAIN, FR
[72] CURMI, PATRICK, FR
[72] BOUDOU, JEAN-PAUL, FR
[73] ASSOCIATION POUR LA RECHERCHE ET LE DEVELOPPEMENT DE METHODES ET PROCESSUS INDUSTRIELS "ARMINES", FR
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[25] EN
[54] **SUGAR-BASED POLYURETHANES, METHODS FOR THEIR PREPARATION, AND METHODS OF USE THEREOF**
[54] **POLYURETHANES A BASE DE SUCRE, PROCEDES POUR LEUR PREPARATION, ET LEURS PROCEDES D'UTILISATION**
[72] MOONEY, JOSEPH, US
[72] RATHKE, THOMAS, US
[72] VALENTINE, CHARLES, US
[72] SVENSON, DOUGLAS, US
[73] INNOVATIVE URETHANE, LLC, US
[85] 2014-01-27
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[54] **INJECTION OF MULTIPLE VOLUMES INTO OR OUT OF DROPLETS**
[54] **INJECTION DE PLUSIEURS VOLUMES DANS ET HORS DE GOUTTELETTES**
[72] ABATE, ADAM, US
[72] KIANI, SEPEHR, US
[72] HUNG, TONY, US
[72] MARY, PASCALINE, US
[72] ESMAIL, ADNAN MOEZ, US
[73] BIO-RAD LABORATORIES, INC., US
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[87] (WO2012/135259)
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[51] **Int.Cl. G01N 33/68 (2006.01) G01N 33/53 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **AKT-SPECIFIC CAPTURE AGENTS, COMPOSITIONS, AND METHODS OF USING AND MAKING**
[54] **AGENTS DE CAPTURE SPECIFIQUES DE AKT, COMPOSITIONS ET LEURS PROCEDES D'UTILISATION ET DE FABRICATION**
[72] HEATH, JAMES, US
[72] NAG, ARUNDHATI, US
[72] DAS, SAMIR, US
[72] DEYLE, KAYCIE, US
[72] MILLWARD, STEVEN WESLEY, US
[72] KEARNEY, PAUL, CA
[73] INDI MOLECULAR, INC., US
[73] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
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[25] FR
[54] **ASSEMBLY FOR PROTECTING AN ITEM OF MERCHANDISE AGAINST THEFT, WHICH CAN BE ASSEMBLED IN A TEMPORARY MANNER**
[54] **ENSEMBLE DE PROTECTION CONTRE LE VOL D'UN ARTICLE COMMERCIAL AVEC ASSEMBLAGE TEMPORAIRE**
[72] FAVIER, ALAIN, FR
[73] EXAQTWORLD, FR
[85] 2014-01-14
[86] 2012-07-09 (PCT/FR2012/051618)
[87] (WO2013/011224)
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[25] EN
[54] **SUBSTITUTED PICOLINIC ACIDS AND PYRIMIDINE-4-CARBOXYLIC ACIDS, METHOD FOR THE PRODUCTION THEREOF,AND USE THEREOF AS HERBICIDES AND PLANT GROWTH REGULATORS**
[54] **ACIDES PICOLINIQUES ET ACIDES PYRIMIDIN-4-CARBOXYLIQUES SUBSTITUES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION COMME HERBICIDES ET REGULATEURS DE CROISSANCE VEGETALE**
[72] HOFFMANN, MICHAEL GERHARD, DE
[72] BRUNJES, MARCO, DE
[72] DOLLER, UWE, DE
[72] DIETRICH, HANS-JORG, DE
[72] HAUSER-HAHN, ISOLDE, DE
[72] ROSINGER, CHRISTOPHER HUGH, DE
[72] GATZWEILER, ELMAR, DE
[72] HEINEMANN, INES, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
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[25] EN
[54] **APPARATUS FOR BLOWING AND FILLING PLASTIC CONTAINERS**
[54] **APPAREIL POUR SOUFFLER ET REMPLIR DES RECIPIENTS EN MATIERE PLASTIQUE**
[72] CHAUVIN, GUILLAUME, FR
[72] KANNENGIESSER, DAMIEN, FR
[73] DISCMA AG, CH
[85] 2014-01-23
[86] 2012-08-02 (PCT/EP2012/065116)
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[30] EP (11176852.9) 2011-08-08

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[25] EN
[54] **FLEXIBLE LIGHTING DEVICE INCLUDING A PROTECTIVE CONFORMAL COATING**
[54] **DISPOSITIF D'ECLAIRAGE FLEXIBLE COMPORTANT UN REVETEMENT ENROBANT DE PROTECTION**
[72] BROOKS, TIMOTHY WEBSTER, US
[72] JONES, SCOTT J., US
[72] MARX, MARTIN J., US
[72] ROBERTS, JAMES E., US
[72] PEREZ-BOLIVAR, CESAR, US
[73] GROTE INDUSTRIES, LLC, US
[86] (2843984)
[87] (2843984)
[22] 2014-02-25
[30] US (13/837403) 2013-03-15
[30] US (13/948512) 2013-07-23

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[25] EN
[54] **SYSTEM AND METHOD FOR OBFUSCATING INITIATION VALUES OF A CRYPTOGRAPHY PROTOCOL**
[54] **SYSTEME ET PROCEDE POUR L'OBSCURCISSEMENT DE VALEURS DE LANCEMENT D'UN PROTOCOLE DE CRYPTOGRAPHIE**
[72] ZOLLINGER, MITCH, US
[72] PAUN, FILIP, US
[73] NETFLIX, INC., US
[85] 2014-01-21
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[25] EN
[54] **ROTATION INDICATOR**
[54] **INDICATEUR DE ROTATION**
[72] MARCZYNSKI, MICHAEL, GB
[73] BUSINESS LINES LIMITED, GB
[85] 2014-02-17
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[25] EN
[54] **METHOD FOR TREATING SOLID WASTE BASED ON A GRADIENT COMPOSED OF TWO DIFFERENT HEAT SOURCES**
[54] **PROCEDE DE TRAITEMENT DE DECHETS SOLIDES BASE SUR UN GRADIENT CONSTITUE PAR DEUX SOURCES THERMIQUES DISTINCTES**
[72] PEREIRA FILHO, ALBERTO CARLOS, BR
[73] SOLUM AMBIENTAL E EQUIPAMENTOS ELECTROMECANICOS LTDA., BR
[85] 2014-02-24
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[54] **PROCEDE ET APPAREIL DE MONTAGE DE CADRE DE PORTE DANS UN BATIMENT**
[72] RUCINSKI, KEVIN JOHN, US
[72] BEHR, SCOTT ALLEN, US
[73] SCI-PRO.ORG, LLC, US
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[72] LOVEGROVE, DAVID NEIL, NZ
[72] BEST, DARRYL JOHN, NZ
[72] DAVIES, WILLIAM, GB
[72] LOW, TYRONE DAVID, NZ
[73] LES MILLS INTERNATIONAL LIMITED, NZ
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[54] **AIRBORNE ENGINE ADDITIVE DELIVERY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION D'ADDITIFS DE MOTEUR AERIEN**
[72] GUINTHER, GREGORY H., US
[73] AFTON CHEMICAL CORPORATION, US
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[54] **SYSTEME A OXYGENE PULSE**
[72] BAILEY, DELBERT B., US
[72] BRADSHAW, KAREN C., US
[72] KINZER, PAUL, US
[73] THE BOEING COMPANY, US
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[25] EN
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[54] **REVETEMENTS D'ENCRE POUR DOCUMENTS DE SECURITE POUR EMPECHER LA FALSIFICATION AU MOYEN D'ENCRE EFFACABLE THERMOSENSIBLE**
[72] LEPRINCE, CECILE, CH
[72] DUMUSOIS, CHRISTOPHE, CH
[72] LUKAS, DAGMAR, CH
[73] SICPA HOLDING SA, CH
[85] 2014-03-17
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[54] **ANTICORPS CONTRE LE COMPLEXE D'AFFINITE**
[72] OMI, KAZUYA, JP
[72] ANDO, TSUYOSHI, JP
[72] UCHIDA, YOSHIAKI, JP
[72] GOISHI, KATSUTOSHI, JP
[72] OKA, ASAKO, JP
[72] SHIRAKAWA, TAKASHI, JP
[72] SAKYU, TAKUYA, JP
[73] FUJIREBIO INC., JP
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[54] **PROCESS FOR IMPROVING INLINE TAILINGS TREATMENT**
[54] **PROCEDE POUR L'AMELIORATION DU TRAITEMENT EN LIGNE DE RESIDUS**
[72] DANG-VU, TRONG, CA
[72] CAGLE, PHIL, US
[73] S.P.C.M. SA, FR
[85] 2014-03-24
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[54] **METHOD OF MAKING SOLID BEADS**
[54] **PROCEDE DE FABRICATION DE PERLES SOLIDES**
[72] PALMER, DANIEL, GB
[72] SHADICK, OWEN, GB
[73] MIDATECH PHARMA (WALES) LIMITED, GB
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[54] **GESTION DE TRANSITION D'ETATS DE COMMUNICATIONS**
[72] GUPTA, MARUTI, US
[72] KOC, ALI T., US
[72] VANNITHAMBY, RATH, US
[73] INTEL CORPORATION, US
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[54] **EXCREMENT TREATMENT MATERIAL**
[54] **MATERIAU DE TRAITEMENT D'EXCREMENTS**
[72] ITO, HIROSHI, JP
[72] HATANAKA SHINOBU, JP
[72] YOSHINAGA JUNJI, JP
[73] DAIKI CO., LTD., JP
[85] 2014-03-26
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[54] **NEPRILYSIN INHIBITORS**
[54] **INHIBITEURS DE LA NEPRILYSINE**
[72] HUGHES, ADAM, US
[72] FENSTER, ERIK, US
[72] FLEURY, MELISSA, US
[72] GENDRON, ROLAND, US
[72] MORAN, EDMUND J., US
[73] THERAVANCE BIOPHARMA R&D IP, LLC, US
[85] 2014-04-02
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[54] **TUBULAR PROSTHESES**
[54] **PROTHESES TUBULAIRES**
[72] NIKLASON, LAURA, US
[72] HUANG, ANGELA, US
[72] DAHL, SHANNON, US
[72] ZHAO, LIPING, US
[73] HUMACYTE, INC., US
[73] YALE UNIVERSITY, US
[85] 2014-04-14
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[25] EN
[54] **AIR-TO-AIR ATMOSPHERIC HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR ATMOSPHERIQUE AIR-AIR**
[72] MOCKRY, ELDON F., US
[72] KINNEY, OHLER L., US
[72] MORTENSEN, KENNETH P., US
[72] PULLEN, KATHRYN L., US
[72] PETTERSON, ROBERT W., US
[72] ROTH, WILLIAM M., US
[72] YANG, JIDONG, US
[73] SPX COOLING TECHNOLOGIES, INC., US
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[25] EN
[54] **A METHOD AND AN ARRANGEMENT FOR SEPARATING AT LEAST ONE CARBOXYLIC ACID AND FURFURAL FROM A DILUTE AQUEOUS MIXTURE THEREOF**
[54] **PROCEDE ET DISPOSITIF POUR SEPARER AU MOINS UN ACIDE CARBOXYLIQUE ET DU FURFURAL A PARTIR D'UN MELANGE AQUEUX DILUE DE CEUX-CI**
[72] TIRRONEN, ESKO, FI
[72] LAITINEN, ANTERO, FI
[72] HIETALA, JUKKA, FI
[73] TAMINCO FINLAND, FI
[85] 2014-04-30
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[54] **ECHANGEUR ATMOSPHERIQUE AIR-AIR**
[72] YANG, JIDONG, US
[72] MOCKRY, ELDON F., US
[72] KINNEY, OHLER L., JR., US
[72] MORTENSEN, KENNETH P., US
[72] PULLEN, KATHRYN L., US
[72] PETTERSON, ROBERT W., US
[72] ROTH, WILLIAM M., US
[73] SPX COOLING TECHNOLOGIES, INC., US
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[54] **COMPOSITION POUR LE TRAITEMENT DES INFECTIONS BACTERIENNES**
[72] PANDALIS, GEORGIOS, DE
[73] PANDALIS, GEORGIOS, DE
[85] 2014-05-01
[86] 2012-12-14 (PCT/EP2012/005170)
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[54] **ENHANCED FORMULATIONS FOR COATING MEDICAL DEVICES**
[54] **FORMULATIONS AMELIOREES DE REVETEMENT DE DISPOSITIFS MEDICAUX**
[72] GIARE-PATEL, KAMNA, US
[72] GUPTA, NISHA, US
[72] ETTER, GREG, US
[72] SECHRIST, KEVIN, US
[72] STEWART, MOLLY, US
[72] TENTLER, IGOR, US
[72] WILLIAMS, AL, US
[73] ARROW INTERNATIONAL, INC., US
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[54] **CELLULAR CUSHION**
[54] **COUSSIN ALVEOLAIRE**
[72] SUGANO, ERIC W., US
[72] METZER, COLLIN, US
[72] FOLEY, PETER M., US
[72] DIFELICE, ERIC T., US
[72] HADDEN, BRYANT R., US
[73] SKYDEX TECHNOLOGIES, INC., US
[85] 2014-05-09
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[25] EN
[54] **RISER RECOIL DAMPING**
[54] **AMORTISSEMENT DU RECUL D'UNE COLONNE MONTANTE**
[72] REINAS, LORENTS, NO
[72] WERNO, TORE GEIR, NO
[72] SAETHER, MORTEN, NO
[73] STATOIL PETROLEUM AS, NO
[85] 2014-05-20
[86] 2011-11-18 (PCT/EP2011/070490)
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[54] **RAILROAD CAR SIDE BEARING**
[54] **PALIER LATERAL DE WAGON DE CHEMIN DE FER**
[72] SAMMARTINO, GIUSEPPE, US
[72] PLEGGE, RICHARD W., US
[73] STANDARD CAR TRUCK COMPANY, US
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[54] **UPGRADING DEASPHALTING RESIDUE TO HIGH PERFORMANCE ASPHALT**
[54] **TRANSFORMATION DE RESIDU DE DESASPHALTAGE EN ASPHALTE A HAUTE PERFORMANCE**
[72] VARADARAJ, RAMESH, US
[72] MORAN, LYLE EDWIN, CA
[72] BROWNIE, JOHN, CA
[72] GALE, MARY JOSEPHINE, CA
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[25] EN
[54] **HIGH SILICON BEARING DUAL PHASE STEELS WITH IMPROVED DUCTILITY**
[54] **ACIERS DOUBLE-PHASE COMPORTANT UNE TENEUR ELEVEE EN SILICIUM DOTES D'UNE DUCTILITE AMELIOREE**
[72] JUN, HYUN JO, US
[72] POTTORE, NARAYAN S., US
[72] FONSTEIN, NINA MICHAILOVNA, US
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO S.L., ES
[73] JUN, HYUN JO, US
[73] POTTORE, NARAYAN S., US
[73] FONSTEIN, NINA MICHAILOVNA, US
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[54] **CONJUGATED FIBER AND STRUCTURAL FIBER PRODUCT COMPRISING THE CONJUGATED FIBER**
[54] **FIBRE CONJUGUEE ET STRUCTURE FIBREUSE COMPRENANT LADITE FIBRE CONJUGUEE**
[72] HORI TERUO, JP
[72] SAKAI TOMOKI, JP
[72] HOSHIRO HIDEKI, JP
[72] ADACHI ATSUMI, JP
[72] ARAIDA YASURO, JP
[72] KIYOOKA SUMITO, JP
[73] UNIVERSITY OF FUKUI, JP
[73] KURARAY CO., LTD., JP
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[54] **SYSTEME ET PROCEDE POUR BLOCAGE D'APPLICATION PARTICULIERE**
[72] GARG, NEERAJ, CA
[73] 8318808 CANADA INC., CA
[86] (2857867)
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[25] FR
[54] **DEVICE FOR COOLING THE OPENING OF A ROTARY KILN BY MEANS OF COOL AIR-BLOWING**
[54] **DISPOSITIF DE REFROIDISSEMENT D'UNE EMBOUCHURE D'UN FOUR TUBULAIRE ROTATIF PAR SOUFFLAGE D'AIR FRAIS**
[72] DEVROE, SEBASTIEN, FR
[72] FONTAINE, DAMIEN, FR
[73] FIVES FCB, FR
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[25] EN
[54] **PHARMACEUTICAL FORMULATIONS AND THE USE THEREOF FOR THE TREATMENT OF PEANUT ALLERGY**
[54] **FORMULATIONS PHARMACEUTIQUES ET LEUR UTILISATION POUR LE TRAITEMENT D'ALLERGIE AUX CACAHUETES**
[72] KOPPELMAN, STEFAN JOHAN, NL
[72] VAN DER KLEIJ, JOANNA PAULINA MARIA, NL
[73] HAL ALLERGY HOLDING B.V., NL
[85] 2014-06-05
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[54] **POLYMER STABILIZATION OF CHROMOGEN SOLUTIONS**
[54] **STABILISATION PAR POLYMERE DE SOLUTIONS CHROMOGENES**
[72] BIENIARZ, CHRISTOPHER, US
[72] KELLY, D. BRIAN, US
[72] KOSMEDER, W. JEROME, US
[72] MAY, ERIC, US
[72] MORRISON, LARRY, US
[73] VENTANA MEDICAL SYSTEMS, INC., US
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[25] EN
[54] **SQUEEZABLE CONTAINER**
[54] **RECIPIENT PRESSABLE**
[72] HOSHINO, SHINYA, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
[85] 2014-06-23
[86] 2012-12-18 (PCT/JP2012/082762)
[87] (WO2013/099696)
[30] JP (2011-283924) 2011-12-26
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[25] EN
[54] **METHOD AND SYSTEM FOR CLEANING DEGRADED OIL**
[54] **PROCEDE ET SYSTEME POUR LE NETTOYAGE D'HUILE DEGRADEE**
[72] JENSEN, SOREN HALLBERG, DK
[72] JENSEN, HENRIK HALLBERG, ES
[73] C.C. JENSEN A/S, DK
[85] 2014-07-04
[86] 2012-01-10 (PCT/DK2012/050012)
[87] (WO2013/104361)

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[51] **Int.Cl. H04L 1/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR GENERATING AND DECODING SHORT CONTROL FRAMES IN WIRELESS COMMUNICATIONS**
[54] **SYSTEMES ET PROCEDES DE GENERATION ET DE DECODAGE DE TRAMES DE COMMANDE COURTES DANS DES COMMUNICATIONS SANS FIL**
[72] MERLIN, SIMONE, US
[72] ABRAHAM, SANTOSH PAUL, US
[72] WENTINK, MAARTEN MENZO, US
[72] QUAN, ZHI, US
[72] ASTERJADHI, ALFRED, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-06-25
[86] 2012-12-20 (PCT/US2012/071055)
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[30] US (61/581,254) 2011-12-29
[30] US (61/591,530) 2012-01-27
[30] US (61/605,900) 2012-03-02
[30] US (61/648,510) 2012-05-17
[30] US (61/691,066) 2012-08-20
[30] US (61/731,426) 2012-11-29
[30] US (13/691,056) 2012-11-30

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[25] EN
[54] **SPACE DAMPERS FOR FOUR-CONDUCTORS BUNDLES**
[54] **ENTRETOISES-AMORTISSEURS POUR LA DESCRIPTION DE FAISCEAUX A QUATRE CONDUCTEURS**
[72] TUFARI, ALDO, IT
[73] A. SALVI & C. S.P.A., IT
[85] 2014-06-26
[86] 2011-12-30 (PCT/IT2011/000424)
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[25] EN
[54] **PYRAZOLOQUINOLINE DERIVATIVE**
[54] **DERIVE DE PYRAZOLOQUINOLINE**
[72] NORIMINE, YOSHIHIKO, JP
[72] TAKEDA, KUNITOSHI, JP
[72] HAGIWARA, KOJI, JP
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[54] **SYSTEME ET PROCEDE DE MESURE D'UNE DECHARGE PARTIELLE PAR TENSION DE CHOC REPETEE**
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[72] YOSHIMITSU, TETSUO, JP
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[72] CHRISTENSEN, WILLIAM M., US
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[72] HUH, KUM-KANG, US
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[72] TALMON-GROS, MICHAEL, DE
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[54] **COMPOSITIONS AMELIOREES DE PVC FLEXIBLE STABILISE ET ARTICLES OBTENUS A PARTIR DE CELLES-CI**
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[72] VAN HAVEREN, JACOBUS, NL
[72] FRISSEN, AUGUSTINUS EMMANUEL, NL
[72] VAN DE KOLK, JOHANNES CORNELIS, NL
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[72] HARPUR, RORY ANGUS, ZA
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[73] AMSTED RAIL COMPANY, INC., US
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[73] SAES GETTERS S.P.A., IT
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[54] **MOTEURS CHIMIQUES ET PROCEDES POUR LEUR UTILISATION, EN PARTICULIER DANS L'INJECTION DE FLUIDES HAUTEMENT VISQUEUX**
[72] HEINTZ, AMY M., US
[72] BENNISON, CORRIE, US
[72] MUENZER, CHRISTOPHER H., US
[72] BLUM, TIMOTHY M., US
[72] MCKENZIE, CHRISTOPHER P., US
[72] MADLAND, STEVEN M., US
[72] ELLIS, JEFFREY L., US
[72] KASEMAN, BRIAN, US
[72] SHQUAU, KRENAR, US
[73] ELI LILLY AND COMPANY, US
[85] 2015-04-01
[86] 2013-10-15 (PCT/US2013/065136)
[87] (WO2014/059444)
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[30] US (61/713,250) 2012-10-12
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[51] **Int.Cl. E21B 43/24 (2006.01) C09K 8/592 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **HYDROCARBON RECOVERY WITH MULTI-FUNCTION AGENT**
[54] **RECUPERATION D'HYDROCARBURE A L'AIDE D'UN AGENT MULTIFONCTIONNEL**
[72] MILLER, RYAN, CA
[72] ZEIDANI, KHALIL, CA
[73] CENOVUS ENERGY INC., CA
[86] (2887405)
[87] (2887405)
[22] 2015-04-07
[30] US (61/975,582) 2014-04-04

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[13] C
[51] **Int.Cl. H01R 13/24 (2006.01) H01R 43/16 (2006.01)**
[25] EN
[54] **CONTACT ELEMENT AND METHOD FOR ITS MANUFACTURE**
[54] **ELEMENT DE CONTACT ET SON PROCEDE DE FABRICATION**
[72] ROSENBERGER, BERND, DE
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
[85] 2015-04-14
[86] 2013-10-30 (PCT/EP2013/003276)
[87] (WO2014/090356)
[30] DE (10 2012 024 185.2) 2012-12-11

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[51] **Int.Cl. H04N 21/435 (2011.01) H04N 21/8358 (2011.01)**
[25] EN
[54] **METHODS AND APPARATUS TO PERFORM AUDIO WATERMARK DETECTION AND EXTRACTION**
[54] **PROCEDES ET APPAREILS POUR EXECUTER UNE DETECTION ET UNE EXTRACTION D'UN TATOUAGE NUMERIQUE AUDIO**
[72] SRINIVASAN, VENUGOPAL, US
[72] TOPCHY, ALEXANDER, US
[73] THE NIELSEN COMPANY (US), LLC, US
[85] 2015-04-14
[86] 2013-09-17 (PCT/US2013/060187)
[87] (WO2014/062332)
[30] US (13/653,001) 2012-10-16

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[51] **Int.Cl. G01N 33/28 (2006.01)**
[25] EN
[54] **PROPERTY PREDICTION FOR ASPHALTS FROM BLENDED SOURCES**
[54] **PREDICTION DE PROPRIETES D'ASPHALTES A PARTIR DE SOURCES MELANGEES**
[72] KRIZ, PAVEL, CA
[72] MORAN, LYLE EDWIN, CA
[72] BROWNIE, JOHN, CA
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2015-04-15
[86] 2013-11-19 (PCT/US2013/070653)
[87] (WO2014/099209)
[30] US (13/723,399) 2012-12-21

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[51] **Int.Cl. H04W 16/18 (2009.01) H04W 16/14 (2009.01)**
[25] EN
[54] **STRUCTURING AND METHOD FOR WIRELESS RADIO ACCESS NETWORK DEPLOYMENT**
[54] **STRUCTURATION ET METHODE DE DEPLOIEMENT DE RESEAU D'ACCES RADIO SANS FIL**
[72] ALSOHAILY, AHMED, CA
[72] SOUSA, ELVINO SILVEIRA MEDINA DE, CA
[73] ALSOHAILY, AHMED, CA
[73] SOUSA, ELVINO SILVEIRA MEDINA DE, CA
[86] (2889984)
[87] (2889984)
[22] 2015-05-04

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[13] C
[51] **Int.Cl. H04W 48/16 (2009.01) H04W 92/18 (2009.01)**
[25] EN
[54] **METHOD FOR SEARCHING FOR OR ADVERTISING SERVICE IN DIRECT COMMUNICATION SYSTEM AND DEVICE FOR SAME**
[54] **PROCEDE DE RECHERCHE OU DE DIFFUSION PUBLICITAIRE DE SERVICE DANS UN SYSTEME DE COMMUNICATION DIRECT ET DISPOSITIF ASSOCIE**
[72] LEE, WOOKBONG, KR
[72] LEE, BYUNGJOO, KR
[72] KIM, DONGCHEOL, KR
[72] CHO, HANGYU, KR
[72] KIM, JINHO, KR
[73] LG ELECTRONICS INC., KR
[85] 2015-05-04
[86] 2013-11-05 (PCT/KR2013/009934)
[87] (WO2014/069965)
[30] US (61/722,244) 2012-11-05
[30] US (61/722,793) 2012-11-06
[30] US (61/729,635) 2012-11-26
[30] US (61/732,866) 2012-12-03
[30] US (61/736,490) 2012-12-12

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[51] **Int.Cl. G06K 9/18 (2006.01) G06K 9/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO IDENTIFY MEDIA**
[54] **PROCEDES ET APPAREILS DESTINES A IDENTIFIER DES DONNEES MULTIMEDIA**
[72] MCMILLAN, GAVIN, US
[73] THE NIELSEN COMPANY (US), LLC, US
[85] 2015-05-07
[86] 2013-11-06 (PCT/US2013/068635)
[87] (WO2014/074543)
[30] US (13/671,341) 2012-11-07

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[51] **Int.Cl. E21B 47/01 (2012.01) E21B 47/13 (2012.01) E21B 7/00 (2006.01)**
[25] EN
[54] **DOWNHOLE ELECTROMAGNETIC TELEMETRY APPARATUS**
[54] **APPAREIL DE TELEMETRIE ELECTROMAGNETIQUE DE FOND DE PUITS**
[72] DERKACZ, PATRICK R., CA
[72] LIU, JILI (JERRY), CA
[72] LOGAN, AARON W., CA
[72] LOGAN, JUSTIN C., CA
[72] SWITZER, DAVID A., CA
[72] KAZEMI MIRAKI, MOJTABA, CA
[73] EVOLUTION ENGINEERING INC., CA
[85] 2015-05-05
[86] 2013-11-06 (PCT/CA2013/050850)
[87] (WO2014/071520)
[30] US (61/723,286) 2012-11-06

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[13] C
[51] **Int.Cl. H01R 4/01 (2006.01) H01R 13/04 (2006.01) H01R 13/11 (2006.01)**
[25] EN
[54] **CONTACT LUG**
[54] **ATTACHE DE CONTACT**
[72] TATZEL, FRANK, AT
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
[85] 2015-05-19
[86] 2013-10-29 (PCT/EP2013/003256)
[87] (WO2014/086445)
[30] DE (20 2012 011 584.7) 2012-12-03

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[13] C
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **GEOMETRIC CONTROL OF BENDING CHARACTER IN PROSTHETIC HEART VALVE LEAFLETS**
[54] **CONTROLE GEOMETRIQUE DE CARACTERISTIQUE DE CINTRAGE DANS DES FEUILLETS DE VALVE CARDIAQUE PROTHETIQUE**
[72] BRUCHMAN, WILLIAM C., US
[72] HARTMAN, CODY L., US
[73] W. L. GORE & ASSOCIATES, INC., US
[85] 2015-05-19
[86] 2013-11-05 (PCT/US2013/068390)
[87] (WO2014/099150)
[30] US (61/739,721) 2012-12-19
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[51] **Int.Cl. B24B 13/06 (2006.01) B24B 9/14 (2006.01) B24B 13/00 (2006.01) G02B 3/00 (2006.01) G02C 7/02 (2006.01)**
[25] EN
[54] **METHOD FOR REDUCING THE THICKNESS OF A LENS SHAPE AND UNCUT LENS BLANK**
[54] **METHODE DE REDUCTION DE L'EPAISSEUR D'UNE FORME DE LENTILLE ET LENTILLE SEMI-FINIE NON COUPEE**
[72] SPRATT, RAY STEVEN, US
[72] KRATZER, TIMO, DE
[72] ELLINGER, PHILIPP, AU
[73] CARL ZEISS VISION INTERNATIONAL GMBH, DE
[73] CARL ZEISS VISION INC., US
[86] (2891988)
[87] (2891988)
[22] 2015-05-19
[30] US (PCT/US2014/039185) 2014-05-22

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[25] EN
[54] **METHOD FOR PRODUCING A DENTAL PROSTHESIS**
[54] **PROCEDE DE FABRICATION DE PROTHESE DENTAIRE**
[72] KREUDER, PETER, DE
[73] DENTSPLY SIRONA INC., US
[85] 2015-05-20
[86] 2013-11-25 (PCT/EP2013/074634)
[87] (WO2014/082969)
[30] DE (10 2012 111 683.0) 2012-11-30

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[13] C
[51] **Int.Cl. C12M 1/00 (2006.01)**
[25] EN
[54] **A FERMENTER SUPPLY METHOD, A BIOGAS PLANT, AND A CONVERSION METHOD COMPRISING AN INOCULATION RETURN PATH**
[54] **PROCEDE D'ALIMENTATION D'UN FERMENTATEUR, INSTALLATION A BIOGAZ ET PROCEDE DE TRANSFORMATION**
[72] OERTIG, MICHAEL, CH
[72] LEISNER, RENE, DE
[73] HITACHI ZOSEN INOVA AG, CH
[85] 2015-05-25
[86] 2014-01-16 (PCT/EP2014/050817)
[87] (WO2014/114557)
[30] CH (300/13) 2013-01-25

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[51] **Int.Cl. F21K 9/232 (2016.01) F21V 29/70 (2015.01) F21K 9/23 (2016.01) F21V 3/10 (2018.01)**
[25] EN
[54] **LED BULB LAMP CAPABLE OF REALIZING WIDE-ANGLE LUMINESCENCE**
[54] **LAMPE A AMPOULE A DEL APTE A UNE EMISSION DE LUMIERE A GRAND ANGLE**
[72] WANG, HUAFENG, CN
[72] WANG, PENG, CN
[72] XU, LI, CN
[72] CHEN, MIN, CN
[73] SHANGHAI SANSI ELECTRONIC ENGINEERING CO., LTD, CN
[73] SHANGHAI SANSI SCIENCE AND TECHNOLOGY DEVELOPMENT CO., LTD., CN
[73] JIASHAN SANSI PHOTOELECTRIC TECHNOLOGY CO., LTD., CN
[85] 2015-05-29
[86] 2013-11-20 (PCT/CN2013/087475)
[87] (WO2014/086232)
[30] CN (201220660444.4) 2012-12-04

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[51] **Int.Cl. B65D 51/16 (2006.01)**
[25] EN
[54] **FILTER CLOSURE**
[54] **ENCEINTE DE FILTRE**
[72] RYE, STEVEN A., US
[72] MULHAUSER, PAUL, US
[72] LEE, KYUNGMIN ANDY, US
[73] DOMAIN TECHNOLOGIES, LLC, US
[86] (2894061)
[87] (2894061)
[22] 2015-06-04
[30] US (14/445,396) 2014-07-29

[11] **2,895,710**
[13] C
[51] **Int.Cl. F01N 9/00 (2006.01) F01N 3/025 (2006.01) F02D 41/00 (2006.01)**
[25] EN
[54] **METHOD OF OPERATING A DIESEL ENGINE AND DIESEL ENGINE ARRANGEMENT HAVING PLURAL OPERATING MODES**
[54] **PROCEDE DE FONCTIONNEMENT D'UN MOTEUR DIESEL ET AGENCEMENT DE MOTEUR DIESEL PRESENTANT UNE PLURALITE DE MODES DE FONCTIONNEMENT**
[72] BERGH, PATRIK, SE
[72] MORRIS, HEATH, US
[72] DAHL, JOHAN, SE
[73] MACK TRUCKS, INC., US
[85] 2015-06-18
[86] 2012-12-23 (PCT/US2012/071547)
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[54] **SEARCHABLE DATA ARCHIVE**
[54] **ARCHIVES DE DONNEES CONSULTABLES**
[72] REID, IAIN NORMAN NICOL, GB
[72] JARVIS, RICHARD THOMAS, GB
[72] WINFIELD, DAFYDD HUW LEWIS, GB
[72] GARDINER, PETER STUART, GB
[73] BAE SYSTEMS PLC, GB
[85] 2015-06-19
[86] 2013-12-16 (PCT/GB2013/053308)
[87] (WO2014/096796)
[30] GB (1223060.3) 2012-12-20
[30] EP (13275027.4) 2013-02-13

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[51] **Int.Cl. C07D 487/04 (2006.01) A61P 31/18 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **THERAPEUTIC COMPOUNDS FOR THE TREATMENT OF VIRAL INFECTIONS**
[54] **COMPOSES THERAPEUTIQUES POUR LE TRAITEMENT D'INFECTIONS VIRALES**
[72] BONDY, STEVEN S., US
[72] CANNIZZARO, CARINA E., US
[72] CHOU, CHIEN-HUNG, US
[72] HU, YUNFENG ERIC, US
[72] LINK, JOHN O., US
[72] LIU, QI, US
[72] SCHROEDER, SCOTT D., US
[72] TSE, WINSTON C., US
[72] ZHANG, JENNIFER R., US
[73] GILEAD SCIENCES, INC., US
[85] 2015-06-30
[86] 2014-01-09 (PCT/US2014/010937)
[87] (WO2014/110296)
[30] US (61/750,759) 2013-01-09

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[51] **Int.Cl. C07K 14/58 (2006.01) A61K 38/00 (2006.01) A61K 47/26 (2006.01) A61P 1/16 (2006.01) A61P 9/00 (2006.01) A61P 9/04 (2006.01) A61P 9/10 (2006.01) A61P 9/12 (2006.01) A61P 13/12 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) A61P 43/00 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **GLYCO-MODIFIED ATRIAL NATRIURETIC PEPTIDE**
[54] **PEPTIDE NATRIURETIQUE AURICULAIRE GLYCOSYLE**
[72] IWAMOTO, MITSUHIRO, JP
[72] YAMAGUCHI, TAKAHIRO, JP
[72] MORI, YUTAKA, JP
[72] SAITO, KEIJI, JP
[72] HONDA, TAKESHI, JP
[72] NAGAYAMA, TAKAHIRO, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2015-07-23
[86] 2014-01-23 (PCT/JP2014/051357)
[87] (WO2014/115797)
[30] JP (2013-010612) 2013-01-23

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[13] C
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/06 (2006.01) E21B 33/134 (2006.01)**
[25] EN
[54] **COMPOSITE FRACTURE PLUG AND ASSOCIATED METHODS**
[54] **BOUCHON DE FRACTURATION COMPOSITE ET METHODES ASSOCIEES**
[72] VINSON, JUSTIN P., US
[72] CRUMP, MATTHEW A., US
[72] PICCIOTTI, CHAD H., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2899785)
[87] (2899785)
[22] 2015-08-06
[30] US (62/033,959) 2014-08-06

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[13] C
[51] **Int.Cl. E04H 15/32 (2006.01)**
[25] EN
[54] **FABRIC ATTACHMENT SYSTEM**
[54] **DISPOSITIF DE FIXATION DE TISSU**
[72] HOUGH, JUSTIN B., US
[73] DOWCO, INC., US
[86] (2899922)
[87] (2899922)
[22] 2015-08-07
[30] US (62/034,471) 2014-08-07

[11] **2,900,063**
[13] C
[51] **Int.Cl. C21D 9/46 (2006.01) C21D 1/46 (2006.01)**
[25] EN
[54] **THERMAL TREATMENT PROCESS OF A STEEL SHEET COMPRISING A LOW VISCOSITY MOLTEN OXIDES BATH**
[54] **PROCEDE DE TRAITEMENT THERMIQUE D'UNE TOLE COMPRENANT UN BAIN D'OXYDES FONDUS A FAIBLE VISCOSITE**
[72] LARNICOL, MAIWENN TIFENN SOAZIG, BE
[72] BORDIGNON, MICHEL ROGER LOUIS, BE
[72] VANDEN EYNDE, XAVIER MARC JACQUES EDMOND ROBERT, BE
[72] FARINHA, ANA ISABEL, BE
[72] GERKENS, PASCAL, BE
[72] NOVILLE, JEAN-FRANCOIS, BE
[72] SMAL, JULIEN CHRISTOPHER MICHEL, BE
[73] ARCELORMITTAL, LU
[85] 2015-08-03
[86] 2013-02-06 (PCT/IB2013/050979)
[87] (WO2014/122499)

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[51] **Int.Cl. E21B 43/267 (2006.01) C09K 8/565 (2006.01) C09K 8/64 (2006.01) E21B 43/04 (2006.01)**
[25] EN
[54] **METHOD OF FRACTURING WITH LIQUEFIED NATURAL GAS**
[54] **PROCEDE DE FRACTURATION AU MOYEN DE GAZ NATUREL LIQUEFIE**
[72] GUPTA, D.V. SATYANARAYANA, US
[72] BRANNON, HAROLD DEAN, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-08-14
[86] 2014-02-21 (PCT/US2014/017720)
[87] (WO2014/137625)
[30] US (61/772,060) 2013-03-04

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[13] C
[51] **Int.Cl. C09K 8/582 (2006.01) C09K 8/035 (2006.01) C09K 8/588 (2006.01)**
[25] EN
[54] **TREATMENT OF A SUBTERRANEAN FORMATION WITH COMPOSITION INCLUDING A MICROORGANISM OR COMPOUND GENERATED BY THE SAME**
[54] **TRAITEMENT D'UNE FORMATION SOUTERRAINE PAR UNE COMPOSITION COMPRENANT UN MICROORGANISME OU UN COMPOSE GENERE PAR CELUI-CI**
[72] MCDANIEL, CATO RUSSELL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-09-03
[86] 2014-04-14 (PCT/US2014/033991)
[87] (WO2014/176061)
[30] US (13/867,536) 2013-04-22

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[13] C
[51] **Int.Cl. E21B 43/25 (2006.01) E21B 23/00 (2006.01) E21B 34/14 (2006.01) E21B 43/114 (2006.01) E21B 33/134 (2006.01)**
[25] EN
[54] **TOOLS AND METHODS FOR USE IN COMPLETION OF A WELLBORE**
[54] **OUTILS ET PROCEDES POUR LA COMPLETION DE PUITS**
[72] GETZLAF, DONALD, CA
[72] STROMQUIST, MARTY, CA
[72] NIPPER, ROBERT, US
[72] WILLEMS, TIMOTHY HOWARD, US
[73] NCS MULTISTAGE INC., CA
[86] (2904548)
[87] (2904548)
[22] 2011-05-04
[62] 2,766,026
[30] US (61/394,077) 2010-10-18

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[51] **Int.Cl. C07C 41/46 (2006.01) C07C 43/162 (2006.01) C07C 45/86 (2006.01) C07C 49/633 (2006.01)**
[25] EN
[54] **METHOD OF SYNTHESIS**
[54] **PROCEDE DE SYNTHESE**
[72] VAN WITENBURG, JIMMY, NL
[72] LA CROIS, RENE, NL
[73] GREY PACIFIC LABS, LLC, US
[85] 2015-09-08
[86] 2013-03-11 (PCT/IB2013/000360)
[87] (WO2014/140655)

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[13] C
[51] **Int.Cl. H02K 11/33 (2016.01) H02K 7/116 (2006.01) H02K 9/06 (2006.01)**
[25] EN
[54] **BRUSH-LESS MOTOR**
[54] **MOTEUR-SANS BALAIS**
[72] CHEN, YIN, CN
[72] XIA, RANRAN, CN
[72] WANG, QIANG, CN
[73] CHANGZHOU GLOBE CO., LTD., CN
[85] 2015-09-09
[86] 2013-11-13 (PCT/CN2013/001376)
[87] (WO2014/086094)
[30] CN (201210506043.8) 2012-12-03

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[13] C
[51] **Int.Cl. A61M 1/16 (2006.01)**
[25] EN
[54] **HEMODIALYSIS AND PERITONEAL DIALYSIS SYSTEMS HAVING ELECTRODIALYSIS AND ELECTRODEIONIZATION CAPABILITIES**
[54] **SYSTEMES D'HEMODIALYSE ET DE DIALYSE PERITONEALE A CAPACITES D'ELECTRODIALYSE ET D'ELECTRODESIONISATION**
[72] LIN, RONGSHENG, US
[72] DING, YUANPANG SAMUEL, US
[72] WHITE, JAMES M., US
[72] CHEN, YE, US
[72] LO, YING-CHENG, US
[72] MILLER, JOSHUA, US
[72] ROHDE, JUSTIN, US
[73] BAXTER INTERNATIONAL INC., US
[73] BAXTER HEALTHCARE SA, CH
[85] 2015-09-10
[86] 2014-02-14 (PCT/US2014/016376)
[87] (WO2014/158418)
[30] US (13/796,799) 2013-03-12

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[13] C
[51] **Int.Cl. G01K 15/00 (2006.01) G01K 1/02 (2006.01) G07C 1/10 (2006.01)**
[25] EN
[54] **THERMOMETER USER INTERFACE**
[54] **INTERFACE UTILISATEUR DE THERMOMETRE**
[72] THRUSH, RICH, US
[73] HELEN OF TROY LIMITED, BB
[85] 2015-09-11
[86] 2014-03-14 (PCT/US2014/027013)
[87] (WO2014/152153)
[30] US (61/791,478) 2013-03-15

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[13] C
[51] **Int.Cl. C09K 8/60 (2006.01) C09K 8/68 (2006.01) C09K 8/80 (2006.01)**
[25] EN
[54] **HYDRAULIC FRACTURING COMPOSITION, METHOD FOR MAKING AND USE OF SAME**
[54] **COMPOSITION DE FRACTURATION HYDRAULIQUE, SON PROCEDE DE PREPARATION ET UTILISATION**
[72] ZHOU, JIA, US
[72] SUN, HONG, US
[72] QU, QI, US
[72] GUERIN, MICHAEL, US
[72] NELSON, SCOTT G., US
[72] LI, LEIMING, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-09-21
[86] 2014-05-01 (PCT/US2014/036308)
[87] (WO2014/182534)
[30] US (13/888,457) 2013-05-07
[30] US (14/169,698) 2014-01-31

[11] **2,908,058**
[13] C
[51] **Int.Cl. G06T 11/60 (2006.01) G02B 21/36 (2006.01)**
[25] EN
[54] **METHOD FOR GENERATING A COMPOSITE IMAGE OF AN OBJECT COMPOSED OF MULTIPLE SUB-IMAGES**
[54] **PROCEDE DE GENERATION D'UNE IMAGE COMPOSITE D'UN OBJET COMPOSE DE MULTIPLES SOUS-IMAGES**
[72] FUCHS, FRANK, DE
[73] SAKURA FINETEK U.S.A., INC., US
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[54] **SYSTEMES, PROCEDES ET INTERFACES D'AGREGAT ET DE DISTRIBUTION D'INFORMATIONS CONCERNANT DES PROFESSIONNELS JURIDIQUES**
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[54] **INTERFERENCE SUPPRESSION METHOD AND RELATED DEVICE AND SYSTEM**
[54] **PROCEDE D'ELIMINATION DES INTERFERENCES ET DISPOSITIF ET SYSTEME CONNEXES**
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[72] ZHOU, MINGYU, CN
[72] WAN, LEI, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **COMPOSITION DE FLOCCULANT RENFERMANT DES IONS METALLIQUES**
[72] MONZYK, BRUCE F., US
[72] VON FAHNESTOCK, F. MICHAEL, US
[72] ROSE, JAMES K., US
[72] CONKLE, H. NICK, US
[72] WANG, MING, US
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[54] **PROCEDE ET APPAREIL DE QUANTIFICATION VECTORIELLE D'UNE ENVELOPPE DANS LE DOMAINE DES FREQUENCES**
[72] HU, CHEN, CN
[72] MIAO, LEI, CN
[72] LIU, ZEXIN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **SYSTEME DE PILE A COMBUSTIBLE ET VEHICULE EQUIPE D'UNE PILE A COMBUSTIBLE**
[72] IMANISHI, HIROYUKI, JP
[72] YAMAMOTO, KAZUO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **GAS TURBINE ENGINE AND METHOD OF ASSEMBLING THE SAME**
[54] **MOTEUR DE TURBINE A GAZ ET METHODE DE FABRICATION ASSOCIEE**
[72] STUART, ALAN ROY, US
[72] LONNEMAN, PATRICK JOHN, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **SYSTEME POUR LE MELANGE A PROPORTION VARIABLE DE PLUSIEURS PRODUITS AGRICOLES POUR DISTRIBUTION PAR L'INTERMEDIAIRE D'UN ORGANE D'OUVERTURE A ORIFICES**
[72] ROSENGREN, COLIN MARK, CA
[72] RUFF, ROBERT SYDNEY, CA
[72] SCHEMBRI, CHARLES JOSEPH, CA
[72] WILSON, GORDON BLAIR, CA
[73] CLEAN SEED AGRICULTURAL TECHNOLOGIES LTD., CA
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[54] **MATERIAU D'ACIER TRAITE THERMIQUEMENT ET SON PROCEDE DE PRODUCTION**
[72] TABATA, SHINICHIRO, JP
[72] HIKIDA, KAZUO, JP
[72] KOJIMA, NOBUSATO, JP
[72] MIZUI, NAOMITSU, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **ROTOR DE COMPRESSEUR PEU BRUYANT POUR REACTEUR A REDUCTEUR**
[72] TOPOL, DAVID A., US
[72] MORIN, BRUCE L., US
[73] UNITED TECHNOLOGIES CORPORATION, US
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[54] **STABILISATEUR**
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[72] ODELL, ALBERT C., II, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **METHODE D'AMELIORATION DE LA CIRCULATION PENDANT LE DEBOURRAGE D'UNE BARRIERE D'UN TROU DE FORAGE AU MOYEN DE PARTICULES SOLIDES SOLUBLES**
[72] NELSON, SCOTT G., US
[72] LEMONS, JIMIE DEVON, US
[72] GUPTA, D. V. SATYANARAYANA, US
[72] BRANNON, HAROLD DEAN, US
[72] JENSEN, ANNA, US
[72] TATUM, BENJAMIN, US
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[73] BAKER HUGHES INCORPORATED, US
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[54] **IRON-BASED HYDROGENATION CATALYST AND USE THEREOF**
[54] **CATALYSEUR D'HYDROGENATION A BASE DE FER ET SON UTILISATION**
[72] SHEN, BAOJIAN, CN
[72] LI, HAO, CN
[72] WANG, YANDAN, CN
[72] LI, JIANCONG, CN
[72] LI, LEI, CN
[72] SHEN, BOJUN, CN
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[54] **DETECTION D'IMPACT SUR UN DISPOSITIF A FERMETURE AUTOMATIQUE**
[72] DUMAIS, ERIK, CA
[73] DUMAIS, ERIK, CA
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[54] **SYSTEME D'ALIMENTATION D'EXTRUDEUSE**
[72] PEREZ, ALFONSO ALEXANDER, US
[72] HAID, CHRISTOPHER MICHAEL, US
[72] PENA DOLL, MATEO, US
[72] PIEPER, FORREST W., US
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[54] **FLOW GUIDES FOR REGULATING PRESSURE CHANGE IN HYDRAULICALLY-ACTUATED DOWNHOLE TOOLS**
[54] **GUIDES D'ECOULEMENT POUR LA REGULATION DU CHANGEMENT DE PRESSION DANS DES OUTILS DE FOND DE TROU A ACTIONNEMENT HYDRAULIQUE**
[72] FRIPP, MICHAEL LINLEY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **AMELIORATION DE LA FRACTURATION ET RESEAUX DE FRACTURATION COMPLEXES DANS DES FORMATIONS IMPERMEABLES**
[72] NGUYEN, PHILIP D., US
[72] VONK, THOMAS ZACHARY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SINGLE-CYLINDER PLUG PIN TYPE TELESCOPIC ARM, TELESCOPIC METHOD THEREOF AND CRANE HAVING TELESCOPIC ARM**
[54] **MAT TELESCOPIQUE DE TYPE TIGE DE BOUCHON MONOCYLINDRIQUE, PROCEDE TELESCOPIQUE ASSOCIE ET GRUE EQUIPEE DU MAT TELESCOPIQUE**
[72] SHAN, ZENGHAI, CN
[72] DONG, QUAN, CN
[72] DENG, YONGJIAN, CN
[72] ZHANG, XIN, CN
[72] ZHU, MENGBING, CN
[72] WANG, XIAOHUI, CN
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[54] **MODULE DE BATIMENT ET PROCEDE D'UTILISATION D'ENERGIE THERMIQUE**
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[54] **CENTRIFUGAL BLOWER SYSTEM AND FUEL CELL INCORPORATING SAME**
[54] **SYSTEME DE VENTILATEUR CENTRIFUGE ET PILE A COMBUSTIBLE COMPRENANT CELUI-CI**
[72] DEWALD, PAUL, US
[72] FINNERTY, CAINE, US
[72] DONLEY, ROBERT P., US
[73] WATT FUEL CELL CORP., US
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[54] **COMPOSITIONS FOR THE TREATMENT OF HYPERTENSION AND/OR FIBROSIS**
[54] **COMPOSITIONS POUR LE TRAITEMENT DE L'HYPERTENSION ET/OU DE LA FIBROSE**
[72] DUGGAN, KAREN ANNETTE, AU
[73] VECTUS BIOSYSTEMS LIMITED, AU
[85] 2016-03-15
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[54] **MOUNTING MECHANISM FOR A CUTTING INSERT, A CUTTING INSERT THEREFOR AND A CUTTING TOOL USING SAID INSERT**
[54] **MECANISME DE MONTAGE POUR UNE PLAQUETTE DE COUPE, PLAQUETTE DE COUPE ASSOCIEE ET OUTIL DE COUPE UTILISANT LADITE PLAQUETTE**
[72] HARIF, GERSHON, IL
[73] NO SCREW LTD., IL
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[54] **SYSTEME DE VOIES POUR MANEGE, EN PARTICULIER POUR GRAND HUIT OU MONORAIL**
[72] BURGER, GUNTER, DE
[73] MACK RIDES GMBH & CO. KG, DE
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[54] **PROCEDES ET COMPOSITIONS DE REPARATION DE CARTILAGE AU MOYEN D'UN BIOREACTEUR IN VIVO**
[72] SEVRAIN, LIONEL C., US
[72] VERDIER-SEVRAIN, SYLVIE Y., US
[73] SPINALCYTE, LLC, US
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[54] **SYSTEMES DE DISTRIBUTION DE SAVON SANS CONTACT INTEGRES AU ROBINET**
[72] MCHALE, JAMES, US
[72] MARINOV, MARIN, US
[72] PITSCH, WALTER, US
[72] YE, XIAO JING, US
[73] AS IP HOLDCO, LLC, US
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[54] **CHROMENE DERIVATIVES AS INHIBITORS OF THE TCR-NCK INTERACTION**
[54] **DERIVES DE CHROMENE UTILISES COMME INHIBITEURS DE L'INTERACTION TCR-NCK**
[72] GAGETE MATEOS, ANDRES, US
[72] CASTRO PALOMINO, JULIO, ES
[72] MARTI CLAUZEL, LUC, US
[72] TORMO CARULLA, DAMIA, US
[73] ARTAX BIOPHARMA INC., US
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[54] **WELL TREATMENT FLUIDS CONTAINING A ZIRCONIUM CROSSLINKER AND METHODS OF USING THE SAME**
[54] **FLUIDES DE TRAITEMENT DE PUITS CONTENANT UN AGENT DE RETICULATION A BASE DE ZIRCONIUM ET LEURS PROCEDES D'UTILISATION**
[72] GUPTA, D.V. SATYANARAYANA, US
[72] CARMAN, PAUL S., US
[72] VO, MINH, US
[73] BAKER HUGHES INCORPORATED, US
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[54] **MODULATION OF A RESPONSE SIGNAL TO DISTINGUISH BETWEEN ANALYTE AND BACKGROUND SIGNALS**
[54] **MODULATION D'UN SIGNAL DE REPONSE POUR EFFECTUER UNE DISTINCTION ENTRE DES SIGNAUX D'ANALYTE ET DE FOND**
[72] CONRAD, ANDREW JASON, US
[72] PEETERS, ERIC, US
[72] BAJAJ, VIKRAM SINGH, US
[72] THOMPSON, JASON DONALD, US
[72] ASKEW, MARK, US
[73] VERILY LIFE SCIENCES LLC, US
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[54] **RUBBER COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS DE CAOUTCHOUC ET LEURS UTILISATIONS**
[72] BEDARD, FRANCOIS, CA
[72] COUE, JEAN-DAMIEN, CA
[72] DUBE, DENIS, CA
[72] MACDONALD, LYLE, CA
[73] SOUCY TECHNO INC., CA
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[54] **ENTRANCE FLOOR SYSTEM**
[54] **SYSTEME DE PLANCHER D'ENTREE**
[72] GMITRO, JEFF, US
[72] UMBRIAC, MATTHEW, US
[72] BROWN, CHARLIE, US
[73] E.M.E.H., INC., US
[85] 2016-04-15
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[54] **CARTOUCHES FILTRANTES POUR RECIPIENT CARAFE**
[72] BOUDREAU, KELLY, US
[72] JOHNSON, KEITH D., US
[72] SHERMAN, MICHAEL J., US
[72] BRIGANO, FRANK A., US
[72] KIRCHNER, RICHARD A., US
[72] PILOSI, PAUL A., US
[72] NESS, JASON J., US
[73] KX TECHNOLOGIES LLC, US
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[25] EN
[54] **LIQUID FUEL REFORMER INCLUDING A VAPORIZER AND METHOD OF REFORMING LIQUID REFORMABLE FUEL**
[54] **REFORMEUR DE COMBUSTIBLE LIQUIDE COMPRENANT UN VAPORISATEUR ET PROCEDE DE REFORMAGE DE COMBUSTIBLE LIQUIDE**
[72] FINNERTY, CAINE M., US
[72] DEWALD, PAUL, US
[73] WATT FUEL CELL CORP., US
[85] 2016-05-05
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[54] **SYSTEM AND METHOD FOR RE-FRACTURING MULTIZONE HORIZONTAL WELLBORES**
[54] **SYSTEME ET PROCEDE PERMETTANT A DES PUITS DE FORAGE HORIZONTAUX DE TYPE MULTIZONE D'ETRE A NOUVEAU FRACTURES**
[72] BRANNON, HAROLD D., US
[72] LEMONS, JIMIE DEVON, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-05-19
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[54] **DEVICES, SYSTEMS, AND METHODS FOR ASPIRATION BYPASS**
[54] **DISPOSITIFS, SYSTEMES ET METHODES DE DEVIATION D'ASPIRATION**
[72] BOURNE, JOHN MORGAN, US
[72] CARPENTER, JOHN RICHARD, US
[73] NOVARTIS AG, CH
[85] 2016-05-26
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[54] **TAMPER-EVIDENT CONTAINER AND METHOD**
[54] **CONTENANT INVIOLABLE ET METHODE**
[72] KALMANIDES, DANNY, US
[73] SABERT CORPORATION, US
[86] (2931803)
[87] (2931803)
[22] 2016-05-31
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[54] **WELLBORE SERVICE FLUID CONTAINING GRAFTED COPOLYMER**
[54] **FLUIDE D'ENTRETIEN DE TROU DE FORAGE RENFERMANT UN COPOLYMERE GREFFE**
[72] ZHA, WEIBIN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-06-03
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[54] **GEOSTEERING BOREHOLES USING DISTRIBUTED ACOUSTIC SENSING**
[54] **GEODIRECTION DE TROUS DE FORAGE A L'AIDE D'UNE DETECTION ACOUSTIQUE REPARTIE**
[72] GEORGI, DANIEL T., US
[72] CSUTAK, SEBASTIAN, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-06-08
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[54] **SCALABLE METHODS FOR ANALYZING FORMALIZED REQUIREMENTS AND LOCALIZING ERRORS**
[54] **METHODES QUANTIFIABLES SERVANT A ANALYSER DES EXIGENCES FORMALISEES ET A REPERER LES ERREURS**
[72] MANOLIOS, PANAGIOTIS, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2933217)
[87] (2933217)
[22] 2016-06-16
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[51] **Int.Cl. A61L 27/18 (2006.01)**
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[54] **MEDICAL IMPLANTS INCLUDING LAMINATES OF POLY-4-HYDROXYBUTYRATE AND COPOLYMERS THEREOF**
[54] **IMPLANTS MEDICAUX COMPRENANT DES STRATIFIES DE POLY-4-HYDROXYBUTYRATE ET DES COPOLYMERES DE CE DERNIER**
[72] RIZK, SAID, US
[72] MARTIN, DAVID P., US
[72] FELIX, FABIO, US
[72] BERNASCONI, MATTHEW, US
[72] SHAH, BHAVIN, US
[72] WILLIAMS, SIMON F., US
[73] TEPHA, INC., US
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[54] **USING A SECOND SCREEN AS A PRIVATE TRACKING HEADS-UP DISPLAY**
[54] **UTILISATION D'UN SECOND ECRAN EN TANT QU'AFFICHEUR TETE HAUTE DE POURSUITE PRIVE**
[72] CHRISTOPHER, NORDEN, US
[73] SONY INTERACTIVE ENTERTAINMENT AMERICA LLC, US
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[54] **HOT ROLLING METHOD**
[54] **PROCEDE DE LAMINAGE A CHAUD**
[72] MORETTO, CHRISTIAN, FR
[72] PETHE, NICOLAS, FR
[72] COUTURIER, ANDREY, FR
[73] ARCELORMITTAL, LU
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[54] **CONTROL APPARATUS FOR ELECTRICALLY DRIVEN VEHICLE**
[54] **APPAREIL DE COMMANDE DESTINE A UN VEHICULE ENTRAINE ELECTRIQUEMENT**
[72] IMAMURA, TATSUYA, JP
[72] TABATA, ATSUSHI, JP
[72] OKUDA, KOICHI, JP
[72] MATSUBARA, TOORU, JP
[72] HIASA, YASUHIRO, JP
[72] IMAI, KEITA, JP
[72] KITAHATA, TAKESHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2935510)
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[72] WALSER, THOMAS, CH
[73] INVENTOR GROUP GMBH, CH
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[25] FR
[54] **NOVEL ASSOCIATION BETWEEN 3-[(3-{[4-(4-MORPHOLINYLMETHYL) -1H-PYRROL-2-YL]METHYLENE}-2-OXO-2,3-DIHYDRO-1H-INDOL-5-YL)METHYL]-1,3-THIAZOLIDINE-2,4-DIONE AND A TYR KINASE INHIBITOR OF EGFR**
[54] **NOUVELLE ASSOCIATION ENTRE LE 3-[(3-{[4-(4-MORPHOLINYLMETHYL)-1H-PYRROL-2-YL]METHYLENE}-2-OXO-2,3-DIHYDRO-1H-INDOL-5-YL)METHYL]-1,3-THIAZOLIDINE-2,4-DIONE ET UN INHIBITEUR DE LA TYR KINASE DU EGFR**
[72] BURBRIDGE, MICHAEL, FR
[72] CATTAN, VALERIE, FR
[72] JACQUET-BESCOND, ANNE, FR
[73] LES LABORATOIRES SERVIER, FR
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[54] **METHOD OF FORMING A MUDLINE CELLAR FOR OFFSHORE ARCTIC DRILLING**
[54] **PROCEDE DE FORMATION D'UNE CAVE DE CONDUITE DE BOUE POUR FORAGE EN MER EN ARCTIQUE**
[72] AURORA, RAVI P., US
[72] WINFREE, MIKE B., US
[72] HAFFNER, JEAN-CHRISTIAN M., US
[73] CONOCOPHILLIPS COMPANY, US
[85] 2016-07-14
[86] 2015-01-14 (PCT/US2015/011414)
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[54] **PROCESS FOR IMPROVED OXYCODONE SYNTHESIS**
[54] **PROCEDE POUR UNE MEILLEURE SYNTHESE DE L'OXYCODONE**
[72] GIGUERE, JOSHUA ROBERT, US
[72] MCCARTHY, KEITH EDWARD, US
[72] SCHLEUSNER, MARCEL, US
[73] RHODES TECHNOLOGIES, US
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[25] EN
[54] **METHOD AND APPARATUS FOR CODING OF SAMPLE ADAPTIVE OFFSET INFORMATION**
[54] **PROCEDE ET APPAREIL DE CODAGE D'INFORMATIONS DE DECALAGE ADAPTATIVES ECHANTILLONS**
[72] FU, CHIH-MING, CN
[72] HUANG, YU-WEN, CN
[72] HSU, CHIH-WEI, CN
[72] LEI, SHAW-MIN, CN
[73] HFI INNOVATION INC., CN
[86] (2937449)
[87] (2937449)
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[54] **ABSORPTION-BASED OPTICAL SENSOR FOR DETECTING INFUSION PUMP CASSETTE**
[54] **CAPTEUR OPTIQUE FONDE SUR L'ABSORPTION SERVANT A LA DETECTION DE CASSETTES DE POMPE A PERFUSION**
[72] JURETICH, JEFFERY T., US
[72] MARSHALL, MICHAEL, US
[72] ELWOOD, MICHAEL, US
[73] ZEVEX, INC., US
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[54] **PIVOT BIN ASSEMBLY**
[54] **ENSEMBLE COMPARTIMENT A BAGAGES A PIVOT**
[72] SAVIAN, SCOTT, US
[72] KEARSEY, STEPHEN, GB
[72] WILLIAMS, COREY, US
[73] C&D ZODIAC, INC., US
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[51] **Int.Cl. B29C 70/16 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING AT LEAST ONE VARIABLE DURING LAYUP OF A COMPOSITE PART USING AUTOMATED FIBER PLACEMENT**
[54] **SYSTEME ET METHODE DE CONTROLE D'AU MOINS UNE VARIABLE PENDANT LA CONSTITUTION D'UNE PIECE EN COMPOSITE AU MOYEN DU POSITIONNEMENT DE FIBRE AUTOMATISE**
[72] MADSEN, CHRISTOPHER JAMES, US
[72] UPADHYAY, RAM KUMAR, US
[72] VAN NIEUWENHOVE, STEFAAN GUIDO, US
[72] KLUGE, THOMAS, US
[72] MESSMER, MATHIAS ERNST, US
[72] PETERSEN, MARTIN, US
[73] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **METHODS OF PRE-FLUSHING RESERVOIR PATHS FOR HIGHER RETURN OF HYDROCARBON FLUIDS**
[54] **PROCEDES DE PRE-RINCAGE DE TRAJETS DE RESERVOIR PERMETTANT UN RETOUR PLUS ELEVE DES FLUIDES D'HYDROCARBURE**
[72] QUINTERO, LIRIO, US
[72] WEGHORN, STEVEN, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-07-29
[86] 2015-01-19 (PCT/US2015/011890)
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[30] US (61/936,089) 2014-02-05
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[54] **ENHANCED NODE B, UE AND METHOD FOR SELECTING CELL DISCOVERY SIGNALS IN LTE NETWORKS**
[54] **N□UD AMELIORE B, UE ET PROCEDE DE SELECTION DE SIGNAUX DE DECOUVERTE DE CELLULES DANS DES RESEAUX LTE**
[72] HAN, SEUNGHEE, US
[72] CHEN, XIAOGANG, CN
[72] DAVYDOV, ALEXEI, RU
[73] INTEL IP CORPORATION, US
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[54] **TWISTED WIRE BRUSH AND METHOD OF MAKING**
[54] **BROSSE A FILS TORDUS ET METHODE DE FABRICATION**
[72] GUNJIAN, ZAVEN, US
[73] BRUSHTECH, INC., US
[86] (2938989)
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[54] **SYSTEME DE CONNEXION POUR ALIMENTATION ELECTRIQUE DOMESTIQUE INTELLIGENT**
[72] ZHU, WENTING, CN
[73] XIANGYU TECHNOLOGY SHANGHAI CO., LTD, CN
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[54] **APPAREIL DE POSITIONNEMENT D'AILE**
[72] LYKKEN, TOM, US
[72] MEYER, MATT, US
[73] NORWOOD SALES INC., US
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[54] **IMMUNOTHERAPIE PAR IL-12 A CANCER CIBLE**
[72] STRITTMATTER, WOLFGANG, DE
[72] HANDGRETINGER, RUPERT, DE
[72] SCHILBACH-STUECKLE, KARIN, DE
[73] MERCK PATENT GMBH, DE
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[54] **BAFFLE BOX COMFORTER**
[54] **REMBOURRAGE DE BOITE-ECRAN**
[72] WANG, JINLIAN, CN
[72] LIU, HAIYAN, CN
[72] BIAN, XIUYIN, CN
[73] HOLLANDER SLEEP PRODUCTS, LLC, US
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[54] **SURFACE ENHANCED PULP FIBERS IN FIBER CEMENT**
[54] **FIBRES DE PATE A PAPIER A SURFACE AMELIOREE DANS LE FIBROCIMENT**
[72] MARCOCCIA, BRUNO, US
[72] PANDE, HARSHAD, CA
[72] WESTER, BRIAN, US
[73] DOMTAR PAPER COMPANY LLC, US
[85] 2016-08-18
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[25] EN
[54] **POLYMERIC STRUCTURES COMPRISING A DUAL PURPOSE MATERIAL AND/OR COMPONENT THEREOF AND METHODS FOR MAKING SAME**
[54] **STRUCTURES POLYMERES COMPRENANT UN MATERIAU A DOUBLE USAGE ET/OU UN COMPOSANT DE CELUI-CI ET PROCEDES DE FABRICATION DESDITES STRUCTURES**
[72] HEINZMAN, STEPHEN WAYNE, US
[72] BOWLES, JEFFREY ALLEN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-08-11
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[25] EN
[54] **FOAM-FORMING COMPOSITIONS CONTAINING AZEOTROPIC OR AZEOTROPE-LIKE MIXTURES CONTAINING Z-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE AND THEIR USES IN THE PREPARATION OF POLYISOCYANATE-BASED FOAMS**
[54] **COMPOSITIONS MOUSSANTES CONTENANT DES MELANGES AZEOTROPIQUES OU DE TYPE AZEOTROPIQUE CONTENANT DU Z-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE ET LEURS APPLICATIONS DANS LA PREPARATION DE MOUSSES A BASE DE POLYISOCYANATE**
[72] LOH, GARY, US
[72] CREAZZO, JOSEPH ANTHONY, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[22] 2008-12-17
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[72] TUCKER, CHRISTOPHER S., US
[72] NICHOLS, WALTER A., US
[73] PHILIP MORRIS PRODUCTS S.A., CH
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[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[72] WATANABE, JUN, JP
[72] HORIUCHI, TAKAO, JP
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[72] SUZUKI, KEISUKE, JP
[72] YAMASAKI, TOMONORI, JP
[72] ADACHI, NOBUAKI, JP
[72] HONMA, DAISUKE, JP
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[54] **PROCEDES DE CARACTERISATION D'OPERATIONS IN VIVO D'OBJETS**
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[72] GRENDER, JULIE MYERS, US
[72] UNDERWOOD, JILL RENEE, US
[72] CARR, GREGORY JOHN, US
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[54] **PROCEDE DE GLYCOCONJUGAISON**
[72] HAN, MINGMING, US
[72] KAINTHAN, RAJESH KUMAR, US
[72] PRASAD, AVVARI KRISHNA, US
[72] KIM, JIN-HWAN, US
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[54] **APPARATUS AND METHODS FOR DISPENSING E-LIQUID**
[54] **APPAREIL ET PROCEDES DE DISTRIBUTION D'E-LIQUIDE**
[72] JOHNSON, DAVID M., US
[72] MELANDER, CHARLES H., US
[73] INTREPID BRANDS, LLC, US
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[54] **DISPOSITIF DE PROTECTION DESTINE A PREVENIR LA PROPAGATION ET LES METASTASES DE TUMEURS AU COURS D'UNE CHIRURGIE LAPAROSCOPIQUE**
[72] LING, BIN, CN
[72] LING, ANDONG, CN
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[54] **APPARATUS AND METHOD FOR AUTOMATED MACHINING OF WORKPIECES**
[54] **DISPOSITIF ET PROCEDE D'USINAGE AUTOMATISE DE PIECES**
[72] KNOOP, FRANK, DE
[72] SCHLUTER, RAINER, DE
[72] MUNK, THOMAS, DE
[72] CONERS, ROLF, DE
[73] WOBBEN PROPERTIES GMBH, DE
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[54] **DETACHEMENT D'UNE CHARGE ADHERANT A UNE PAROI INTERIEURE D'UN TUBE DE BROYAGE**
[72] BOHNLEIN, RUDOLF, DE
[72] MENSING, DIRK, DE
[72] THUILOT, JURGEN, DE
[72] WACKER, BERND, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **METHOD AND APPARATUS FOR ENCODING RATE CONTROL IN ADVANCED CODING SCHEMES**
[54] **PROCEDE ET APPAREIL DE CODAGE DE COMMANDE DE DEBIT DANS DES SCHEMAS DE CODAGE AVANCES**
[72] WANG, LIMIN, US
[72] YU, YUE, US
[73] ARRIS ENTERPRISES LLC, US
[85] 2016-09-22
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[54] **REGULATEUR INTEGRE POUR LE RESERVOIR D'AIR SUPPLEMENTAIRE D'UNE CLOUEUSE PNEUMATIQUE**
[72] CROLL, JOHN W., US
[73] ILLINOIS TOOL WORKS INC., US
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[72] MCDONELL, BRIAN W., US
[73] NOVARTIS AG, CH
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[54] **PROCEDE DE FRACTURATION PAR IMPULSION INDUITE CHIMIQUEMENT**
[72] AL-NAKHLI, AYMAN R., SA
[72] ABASS, HAZIM H., SA
[72] HILAB, VICTOR V., SA
[72] KHAN, MIRAJUDDIN R., SA
[72] AL-OTAIBI, AHMAD S., SA
[73] SAUDI ARABIAN OIL COMPANY, SA
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[54] **CONNECTOR AND CABLE ASSEMBLY FOR SMART GARMENTS**
[54] **ENSEMBLE CONNECTEUR-ET-CABLE POUR VETEMENTS INTELLIGENTS**
[72] AMIR, URI, IL
[72] SHOSHANI, BOAZ, IL
[73] HEALTHWATCH LTD., IL
[85] 2016-09-28
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[54] **LAMINATED BATTERY, SEPARATOR AND CONNECTION METHOD OF INTERNAL RESISTANCE MEASURING DEVICE**
[54] **EMPILEMENT DE CELLULES, SEPARATEUR ET PROCEDE DE CONNEXION DE DISPOSITIF DE MESURE DE RESISTANCE INTERNE**
[72] AOKI, TETSUYA, JP
[72] SAKAI, MASANOBU, JP
[72] SUGIMOTO, KEI, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **SYSTEME DE GESTION DE MINE**
[72] KAWAI, KAZUNARI, JP
[72] TERADA, SHINICHI, JP
[72] FUJITA, TAITO, JP
[72] KODAMA, YUICHI, JP
[72] UETAKE, MASAAKI, JP
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[54] **METHOD FOR PROCESSING ARSENIC AND ARSENIC-CONTAINING COMPOUND**
[54] **PROCEDE DE TRAITEMENT DE L'ARSENIC ET COMPOSE CONTENANT DE L'ARSENIC**
[72] TATSUMI,RYOSUKE, JP
[72] HATANO,KAZUHIRO, JP
[73] JX NIPPON MINING & METALS CORPORATION, JP
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[54] **APPARATUS AND METHOD FOR DETECTING ASYMMETRIC FLOW IN VIBRATING FLOWMETERS**
[54] **APPAREIL ET PROCEDE DE DETECTION D'ECOULEMENT ASYMETRIQUE DANS DES DEBITMETRES VIBRANTS**
[72] SCHLOSSER, MARTIN ANDREW, US
[73] MICRO MOTION, INC., US
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[54] **REPAIR METHODS UTILIZING ADDITIVELY MANUFACTURING FOR ROTOR BLADES AND COMPONENTS**
[54] **METHODES DE REPARATION A FABRICATION DE MANIERE ADDITIVE DESTINEES A DES PALES DE ROTOR ET COMPOSANTS**
[72] ROBERTS, HERBERT CHIDSEY, US
[72] ALBRECHT, RICHARD WILLIAM, JR., US
[72] MCCARREN, MICHAEL JOHN, US
[72] FLYNN, PETER ANDREW, US
[72] GIGLIOTTI, MICHAEL FRANCIS XAVIER, JR., US
[72] ESTILL, ERIC ALAN, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **OUTIL DE COUPE DE CAUTERE CHIRURGICAL A ULTRASONS PORTATIF ET A BATTERIE**
[72] SMITH, KEVIN W., US
[72] BALES, THOMAS O., JR., US
[72] PALMER, MATTHEW A., US
[72] DEVILLE, DEREK DEE, US
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[54] **ATTENUATION DE DESALIGNEMENT DANS UN DISPOSITIF DE COMMANDE TOURNANT**
[72] CHAMBERS, JAMES W., US
[72] WAGONER, DANNY W., US
[72] HARRISON, ANDREW, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **RAIL AND PRODUCTION METHOD THEREFOR**
[54] **RAIL ET SON PROCEDE DE FABRICATION**
[72] UEDA, MASAHARU, JP
[72] MIYAZAKI, TERUHISA, JP
[72] TANAHASHI, TAKUYA, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **DISPOSITIF ET SYSTEME POUR LA REPRESENTATION VISUELLE DE COUPS AU BUT DE PROJECTILES ET/OU DE MISSILES**
[72] PIETZ, WOLFGANG, DE
[73] RHEINMETALL DEFENCE ELECTRONICS GMBH, DE
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[54] **RACCORD TUBULAIRE SECURISE A CONNEXION AUTOMATIQUE**
[72] CHAUPIN, JEROME, FR
[72] POGGI, FREDERIC, FR
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[54] **UNE ALIMENTATION ELECTRIQUE A MODE DE COMMUTATION NON ISOLE DESTINEE A UNE RAMPE D'ECLAIRAGE HAUTE TENSION**
[72] ZHANG, PEILIANG, CN
[73] GUANGDONG OML TECHNOLOGY CO., LTD., CN
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[54] **MECANISME DE CHANGEMENT ROTATIF DESTINE A DES CHALUMEAUX DE SOUDAGE**
[72] MARAKKALA MANAGE, ANURA SILVA, JP
[73] TIPMAN CO., LTD., JP
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[54] **METHOD, SYSTEM AND RELATED DEVICES FOR OPERATING MULTIPLE CRANES IN UNISON**
[54] **PROCEDE, SYSTEME ET DISPOSITIFS ASSOCIES PERMETTANT DE FAIRE FONCTIONNER DE MULTIPLES GRUES SIMULTANEMENT**
[72] CORBEIL, PAUL-ANDRE, CA
[72] STAGG, DAVID, US
[72] MONTREUIL, PIERRE, CA
[72] ETHIER, LUC, CA
[73] LAIRD TECHNOLOGIES INC., US
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[54] **UN SEPARATEUR CENTRIFUGE DESTINE A LA SEPARATION DE PARTICULES DE LIQUIDE D'UN FLUX DE GAZ**
[72] FONSER, PER, SE
[72] SKOOG, JAN, SE
[72] TORNBLOM, OLLE, SE
[73] ALFA LAVAL CORPORATE AB, SE
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[54] **TURBOMACHINE A ECRAN D'INGESTION ET UTILISATION DE LA TURBOMACHINE**
[72] GRANBERG, PER, SE
[72] SZIJARTO, JANOS, SE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **APPLICATEUR DE COSMETIQUE**
[72] HUANG, WEI CHIN, CN
[73] HUANG, WEI CHIN, CN
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[54] **DISPOSITIF ET PROCEDE PERMETTANT DE MODIFIER LA FORME D'UN ORGANE CORPOREL**
[72] MATHIS, MARK L., US
[72] KOWALSKY, LEONARD, US
[72] REUTER, DAVID G., US
[72] BEESON, CRUZ, US
[72] NIEMINEN, GREGORY D., US
[72] BRAXTAN, RYAN H., US
[72] ARONSON, NATHAN, US
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[54] **CURTAIN WALL MULLIONS, TRANSOMS AND SYSTEMS**
[54] **MONTANTS, TRAVERSES ET SYSTEMES DE MUR-RIDEAU**
[72] FREDERICK, TODD, US
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[25] EN
[54] **ACRYLIC POLYMERS, CURABLE FILM-FORMING COMPOSITIONS PREPARED THEREFROM, AND METHOD OF MITIGATING DIRT BUILD-UP ON A SUBSTRATE**
[54] **POLYMERES ACRYLIQUES, COMPOSITIONS FILMOGENES DURCISSABLES PREPAREES A PARTIR DE CEUX-CI, ET PROCEDE D'ATTENUATION DE L'ACCUMULATION DE SALISSURES SUR UN SUBSTRAT**
[72] SWARUP, SHANTI, US
[72] XU, XIANGLING, US
[72] VANIER, NOEL R., US
[72] ENDLISH, MARK E., US
[72] SIMPSON, DENNIS A., US
[73] PPG INDUSTRIES OHIO, INC., US
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[87] (WO2015/191982)
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[54] **DISPLAY CIRCUIT AND CONTROL METHOD THEREFOR**
[54] **CIRCUIT D'AFFICHEUR ET METHODE DE CONTROLE ASSOCIEE**
[72] WEI, HONGLIANG, CN
[73] LEYARD OPTOELECTRONIC CO., LTD., CN
[86] (2951920)
[87] (2951920)
[22] 2016-12-14
[30] CN (201610154514.1) 2016-03-17

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[25] EN
[54] **STRUCTURAL YIELDING FUSE**
[54] **FUSIBLE ELASTIQUEMENT DEFORMABLE**
[72] CHRISTOPOULOS, CONSTANTIN, CA
[72] DE OLIVEIRA, JUAN-CARLOS, CA
[72] GRAY, MICHAEL, CA
[73] CAST CONNEX CORPORATION, CA
[85] 2016-12-12
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[25] EN
[54] **MODULAR PACKAGING AND SHIPPING ASSEMBLY**
[54] **ASSEMBLAGE D'EMBALLAGE ET D'EXPEDITION MODULAIRE**
[72] FEUDNER, ANDREW JAMES, US
[72] WHITE, RONALD DAVID, US
[73] THOMAS & BETTS INTERNATIONAL LLC, US
[86] (2952030)
[87] (2952030)
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[25] EN
[54] **PASSENGER CASTED CONTENT TO INFOTAINMENT SYSTEM**
[54] **CONTENU ENVOYE PAR UN PASSAGER A UN SYSTEME D'INFODIVERTISSEMENT**
[72] XIA, LILY, US
[72] PELLY, NICHOLAS JULIAN, US
[73] GOOGLE LLC, US
[85] 2016-12-22
[86] 2015-06-19 (PCT/US2015/036673)
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[25] EN
[54] **METHODS FOR MULTI-ZONE FRACTURE STIMULATION OF A WELL**
[54] **PROCEDES DE STIMULATION DE FRACTURE DE PLUSIEURS ZONES D'UN PUITS**
[72] TOLMAN, RANDY C., US
[72] ENTCHEV, PAVLIN B., NO
[72] MORROW, TIMOTHY I., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2016-12-22
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[54] **SN-PLATED STAINLESS STEEL SHEET**
[54] **TOLE D'ACIER INOXYDABLE PLAQUEE A L'ETAIN**
[72] NISHIDA, YOSHIKATSU, JP
[72] TATANO, MASAYOSHI, JP
[72] FUJII, TAKAHIRO, JP
[72] HIRAOKA, MASASHI, JP
[72] NAGAO, MASAO, JP
[73] NISSHIN STEEL CO., LTD., JP
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[51] **Int.Cl. H04R 1/20 (2006.01)**
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[54] **ERROR MODEL-BASED MULTI-ZONE SOUND REPRODUCTION METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE REPRODUCTION DE SON MULTI-ZONES EN FONCTION D'UN MODELE D'ERREUR**
[72] CAI, YEFENG, CN
[73] SUZHOU SONAVOX ELECTRONICS CO., LTD, CN
[85] 2016-12-28
[86] 2014-12-29 (PCT/CN2014/095345)
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[54] **SYSTEM AND METHOD FOR IDENTIFYING RELEVANT INFORMATION FOR AN ENTERPRISE**
[54] **SYSTEME ET PROCEDE D'IDENTIFICATION D'INFORMATIONS PERTINENTES POUR UNE ENTREPRISE**
[72] LYRAS, DIMITRIS, GB
[73] LYRAS, DIMITRIS, GB
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[54] **NOVEL SALT OF TENOFOVIR DISOPROXIL**
[54] **NOUVEAU SEL DE TENOFOVIR DISOPROXIL**
[72] PYUN, DO-KYU, KR
[72] LEE, WON-KYOUNG, KR
[72] PARK, SU-HA, KR
[73] JW PHARMACEUTICAL CORPORATION, KR
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[25] EN
[54] **MAINTAINING CONTEXT INFORMATION BETWEEN USER INTERACTIONS WITH A VOICE ASSISTANT**
[54] **MAINTIEN DE L'INFORMATION DE CONTEXTE ENTRE DES INTERACTIONS UTILISATEURS AVEC UN ASSISTANT VOCAL**
[72] CHEYER, ADAM JOHN, US
[72] GUZZONI, DIDIER RENE, CH
[72] GRUBER, THOMAS ROBERT, US
[72] BRIGHAM, CHRISTOPHER DEAN, US
[72] KITTLAUS, DAG, US
[73] APPLE INC., US
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[54] **METHODS OF REMOVING FINES AND COARSE PARTICLES FROM OIL SAND TAILINGS**
[54] **METHODES D'ELIMINATION DE PARTICULES FINES ET GROSSIERES DES RESIDUS DE SABLES BITUMINEUX**
[72] MAZYAR, OLEG A., US
[72] AGRAWAL, DEVESH KUMAR, US
[72] SURESH, RADHIKA, US
[72] KUZNETSOV, OLEKSANDR V., US
[72] KHABASHESKU, VALERY N., US
[73] BAKER HUGHES INCORPORATED, US
[86] (2955230)
[87] (2955230)
[22] 2017-01-16
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[25] EN
[54] **SUPERCONDUCTING CIRCUIT PHYSICAL LAYOUT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DISPOSITION PHYSIQUE DE CIRCUITS SUPRACONDUCTEURS**
[72] HERR, ANNA Y., US
[72] HERR, QUENTIN P., US
[73] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2017-01-19
[86] 2014-08-01 (PCT/US2014/049431)
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[25] EN
[54] **SNOWMOBILE**
[54] **MOTONEIGE**
[72] SAWAI, SEIJI, JO
[72] IMAMURA, TAKASHI, JO
[72] YASUDA, ATSUSHI, JO
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[86] (2956610)
[87] (2956610)
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[54] **LASER CLADDING TOOL HEAD AND MACHINED SURFACE SENSING METHOD THEREOF**
[54] **TETE D'OUTIL DE GAINAGE LASER ET METHODE DE DETECTION DE SURFACE MACHINE ASSOCIEE**
[72] CHEN, HSINPAO, CN
[72] KAO, HUAIEN, CN
[72] LIU, ZONGSHIN, CN
[72] TSAI, TSUNGHSIEN, CN
[72] CHEN, TINGCHANG, CN
[72] YEN, JUIHSIUNG, CN
[73] TONGTAI MACHINE & TOOL CO., LTD., CN
[85] 2017-01-31
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[54] **SAFETY POWER ASSIST FOR MANUAL PRESS**
[54] **ASSISTANCE ELECTRIQUE SECURITAIRE DESTINEE A UNE PRESSE MANUELLE**
[72] JANISZEWSKI, JOSEPH ANDREW, US
[73] BTM COMPANY LLC, US
[86] (2956942)
[87] (2956942)
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[30] US (15/178,618) 2016-06-10

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[54] **GLENOID IMPLANT**
[54] **IMPLANT GLENOIDE**
[72] KOVACS, MICHAEL FRANCIS, US
[72] MCDANIEL, JOHN M., US
[72] WINSLOW, NATHAN A., US
[72] VANASSE, THOMAS M., US
[72] KEHRES, CLINTON E., US
[72] WACK, MICHAEL A., US
[73] BIOMET MANUFACTURING, LLC., US
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[54] **CRYOADHESIVE DEVICE FOR LEFT ATRIAL APPENDAGE OCCLUSION**
[54] **DISPOSITIF CRYOADHESIF POUR L'OCCLUSION DE L'APPENDICE AURICULAIRE GAUCHE**
[72] COULOMBE, NICOLAS, CA
[73] MEDTRONIC CRYOCATH LP, CA
[85] 2017-02-21
[86] 2015-08-31 (PCT/CA2015/050834)
[87] (WO2016/033683)
[30] US (14/477,071) 2014-09-04

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[51] **Int.Cl. B01D 53/04 (2006.01) B60T 17/00 (2006.01)**
[25] EN
[54] **IMPROVED CONTROL OF AN AIR DRYER REGENERATION CYCLE**
[54] **AMELIORATION DE LA COMMANDE D'UN CYCLE DE REGENERATION DE DESSICCATEUR D'AIR**
[72] WRIGHT, ERIC, C., US
[72] KOHAR, RICHARD, CA
[73] NEW YORK AIR BRAKE LLC, US
[85] 2017-02-24
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[51] **Int.Cl. H02M 7/483 (2007.01)**
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[54] **INVERTER**
[54] **ONDULEUR**
[72] OHNISHI, KEISUKE, JP
[72] KINOSHITA, MASAHIRO, JP
[72] KOYANAGI, KIMIYUKI, JP
[73] TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION, JP
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[25] EN
[54] **CONVERTER AND POWER CONVERSION DEVICE MANUFACTURED USING THE SAME**
[54] **ONDULEUR ET APPAREIL DE CONVERSION DU COURANT FABRIQUE AU MOYEN DUDIT ONDULEUR**
[72] OHNISHI, KEISUKE, JP
[72] KINOSHITA, MASAHIRO, JP
[72] KOYANAGI, KIMIYUKI, JP
[73] TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION, JP
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[54] **WELLBORE CASING SECTION WITH MOVEABLE PORTION FOR PROVIDING A CASING EXIT**
[54] **SECTION DE TUBAGE DE TROU DE FORAGE AVEC PARTIE MOBILE POUR MENAGER UNE SORTIE DE TUBAGE**
[72] DANCER, WILLIAM WALLACE, US
[72] DONOVAN, STACEY BLAINE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **HEAT EXCHANGER INCLUDING FURCATING UNIT CELLS**
[54] **ECHANGEUR DE CHALEUR COMPORTANT DES CELLULES UNITAIRES DE FURCATION**
[72] GERSTLER, WILLIAM DWIGHT, US
[72] ERNO, DANIEL JASON, US
[72] KENWORTHY, MICHAEL THOMAS, US
[72] RAMBO, JEFFREY DOUGLAS, US
[72] SABO, NICOLAS KRISTOPHER, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **SYNTHETIC ACID COMPOSITIONS ALTERNATIVES TO CONVENTIONAL ACIDS FOR USE IN THE OIL AND GAS INDUSTRY**
[54] **COMPOSITIONS D'ACIDES SYNTHETIQUES UTILISABLES COMME SUBSTITUTS D'ACIDES CLASSIQUES DANS L'INDUSTRIE PETROLIERE ET GAZIERE**
[72] PURDY, CLAY, CA
[72] THATCHER, DARREN, CA
[72] GARNER, JOHN, CA
[72] ULMER, BRUCE, CA
[73] FLUID ENERGY GROUP LTD., CA
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[54] **METHOD FOR THE TREATMENT OF HYPERCHOLESTEROLEMIA**
[54] **PROCEDE DE TRAITEMENT DE L'HYPERCHOLESTEROLEMIE**
[72] MAJEED, MUHAMMED, US
[72] NAGABHUSHANAM, KALYANAM, US
[72] MAJEED, ANJU, US
[72] BANI, SARANG, IN
[72] PANDEY, ANJALI, IN
[73] MAJEED, MUHAMMED, US
[73] NAGABHUSHANAM, KALYANAM, US
[73] MAJEED, ANJU, US
[73] BANI, SARANG, IN
[73] PANDEY, ANJALI, IN
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[54] **CENTERING COILED GUIDE**
[54] **GUIDE SPIRALE DE CENTRAGE**
[72] DEAC, IOANA, CA
[73] MEDTRONIC CRYOCATH LP, CA
[85] 2017-04-18
[86] 2015-10-20 (PCT/CA2015/051049)
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[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01) G01N 33/567 (2006.01)**
[25] EN
[54] **ANTIBODIES AGAINST PHOSPHORYLATED TYROSINES ON ERYTHROPOIETIN RECEPTOR (EPOR)**
[54] **ANTICORPS CONTRE LES TYROSINES PHOSPHORYLATES SUR LE RECEPTEUR D'ERYTHROPOIETINE (EPO-R)**
[72] JARSCH, MICHAEL, DE
[72] KUBBIES, MANFRED, DE
[72] MUNDIGL, OLAF, DE
[72] TORRES-NAGEL, NORA, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[86] (2965031)
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[54] **ELECTRICAL PHASE IDENTIFICATION**
[54] **IDENTIFICATION DE PHASE ELECTRIQUE**
[72] AIELLO, ROBERTO, US
[72] AMIHOOD, PATRICK, US
[73] ITRON, INC., US
[85] 2017-04-19
[86] 2015-10-20 (PCT/US2015/056482)
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[30] US (62/066,248) 2014-10-20
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[25] EN
[54] **RETAIL READY CONTAINER AND METHOD OF DEPLOYING SAME**
[54] **CONTENANT PRET POUR LA VENTE AU DETAIL ET PROCEDE D'INSTALLATION ASSOCIE**
[72] DECELLO, THOMAS E., US
[72] LITTLE, TROY M., US
[73] GYRE INNOVATIONS, LLC, US
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[51] **Int.Cl. A61F 13/539 (2006.01) A61F 13/49 (2006.01) A61F 13/514 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLE WITH CORE-TO-BACKSHEET GLUE PATTERN COMPRISING TWO GLUES**
[54] **ARTICLE ABSORBANT AYANT UN MOTIF DE COLLE DE NOYAU-FEUILLE INFERIEURE COMPRENANT DEUX COLLES**
[72] BIANCHI, ERNESTO GABRIEL, DE
[72] BERRIZBEITIA, JOSE MAURICIO, US
[72] RINNERT, THORSTEN, DE
[72] SCHURDAK, ERIC ROBERT, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-04-24
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[54] **DRY POWDER INHALER**
[54] **INHALATEUR A POUDRE SECHE**
[72] CLARKE, ROGER, GB
[72] WILSON, PETER, GB
[73] VECTURA DELIVERY DEVICES LIMITED, GB
[85] 2017-04-28
[86] 2015-11-06 (PCT/EP2015/075982)
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[51] **Int.Cl. B60K 17/24 (2006.01) B60K 17/356 (2006.01) H02K 7/14 (2006.01)**
[25] EN
[54] **INTEGRATED MOTOR AND AXLE APPARATUS AND METHOD**
[54] **MOTEUR INTEGRE ET APPAREIL D'ESSIEU, ET PROCEDE ASSOCIE**
[72] RICHTER, TIMOTHY, US
[72] JANSEN, PATRICK, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2017-05-11
[86] 2015-11-24 (PCT/US2015/062371)
[87] (WO2016/085951)
[30] US (62/083,621) 2014-11-24
[30] US (62/083,816) 2014-11-24

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[25] EN
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[54] **PEPTIDES CYCLIQUES D'OXYDIAZOLE**
[72] YUDIN, ANDREI, CA
[72] FROST, JOHN R., CA
[73] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[54] **AERIAL CABLEWAY SYSTEM**
[54] **SYSTEME DE PASSAGE DE CABLAGE AERIEN**
[72] NATTER, ANDREAS, AT
[72] BENZER, MARIO, AT
[73] INNOVA PATENT GMBH, AT
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[30] AT (A 841/2014) 2014-11-20

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[51] **Int.Cl. B64C 27/82 (2006.01) B64C 11/46 (2006.01) B64D 27/24 (2006.01) B64D 31/00 (2006.01)**
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[54] **ANTI-TORQUE CONTROL USING MATRIX OF FIXED BLADE PITCH MOTOR MODULES**
[54] **CONTROLE ANTICOUPLE EMPLOYANT UNE MATRICE DE MODULES DE MOTEUR DE TANGAGE A PALE FIXE**
[72] FENNY, CARLOS ALEXANDER, US
[72] PARSONS, THOMAS DEWEY, US
[72] OLTHETEN, ERIK JOHN, US
[73] BELL HELICOPTER TEXTRON INC., US
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[25] EN
[54] **METHOD FOR PRODUCING HIGH TENSILE STRENGTH NANOFIBER YARN**
[54] **PROCEDE DE FABRICATION D'UN FIL DE NANOFIBRES DE GRANDE RESISTANCE A LA TRACTION**
[72] SHEN, YINGFENG, FI
[72] HARLIN, ALI, FI
[72] SALMELA, JUHA, FI
[73] SPINNOVA OY, FI
[85] 2017-06-20
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[25] EN
[54] **A TABLE SAW AND A PUSH STICK FOR SAID SAW**
[54] **UN BANC DE SCIE ET UN BATON DE POUSSEE DESTINE AUDIT BANC DE SCIE**
[72] BINDHAMMER, MARKUS, DE
[73] SCHEPPACH FABRIKATION VON HOLZBEARBEITUNGSMASCHINEN GMBH, DE
[86] (2972522)
[87] (2972522)
[22] 2017-07-06
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[51] **Int.Cl. A62C 37/00 (2006.01)**
[25] EN
[54] **PRESSURE CONTROLLER FOR FIRE PROTECTION SYSTEM MAINTAINED UNDER VACUUM, AND RELATED METHOD**
[54] **REGULATEUR DE PRESSION DESTINE A UN SYSTEME DE PROTECTION INCENDIE MAINTENU SOUS VIDE, ET METHODE ASSOCIEE**
[72] ASSELIN, JEAN-PIERRE, CA
[72] COUPAL, SYLVAIN, CA
[72] LACHANCE, FREDERIC, CA
[72] ROGER, JONATHAN, CA
[73] SYSTEMES FIREFLEX INC., CA
[86] (2973026)
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[51] **Int.Cl. G06T 9/00 (2006.01)**
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[54] **IMAGE PROCESSING DEVICE AND METHOD**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT D'IMAGE**
[72] SATO, KAZUSHI, JP
[73] SONY CORPORATION, JP
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[87] (2973288)
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[25] EN
[54] **VEHICLE COMPARTMENT LOUVER CARRIER WITH INTEGRATED DUCTING**
[54] **SUPPORT DE VOLET DE COMPARTIMENT DE VEHICULE A CONDUIT INTEGRE**
[72] CRANE, MICHAEL W., US
[72] PILETTE, THOMAS, US
[72] GUSCHEWSKI, NORMAN, US
[73] MAGNA INTERNATIONAL INC., CA
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[25] EN
[54] **CHAIR ASSEMBLY**
[54] **ENSEMBLE CHAISE**
[72] GROENDAL, DALE M., US
[72] KRUPICZEWICZ, TODD D., US
[72] PETERSON, GORDON J., US
[72] HALL, JEFFREY A., US
[73] STEELCASE INC., US
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[25] EN
[54] **METHOD AND APPARATUS FOR DERMAL DELIVERY OF A SUBSTANCE**
[54] **PROCEDE ET APPAREIL POUR L'ADMINISTRATION DERMIQUE D'UNE SUBSTANCE**
[72] ANDERSON, RICHARD ROX, US
[72] FARINELLI, WILLIAM A., US
[73] THE GENERAL HOSPITAL CORPORATION, US
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[54] **BOUCHON DE FOND DE TROU MULTIFONCTION**
[72] MAKOWIECKI, GARY JOE, US
[72] STAIR, TODD ANTHONY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **VEHICULAR SEAT INSTALLED WITH SIDE AIRBAG DEVICE**
[54] **SIEGE DE VEHICULE INSTALLE DOTE D'UN DISPOSITIF DE COUSSIN GONFLABLE LATERAL**
[72] FUKAWATASE, OSAMU, JP
[72] KOMURA, TAKAMICHI, JP
[72] SUGAWARA, HIROE, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **METHOD FOR PRODUCING A WELDED RING**
[54] **METHODE DE PRODUCTION DE BAGUE SOUDEE**
[72] MIESSMER, STEFAN, CH
[73] OETIKER SCHWEIZ AG, CH
[85] 2017-06-28
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[25] EN
[54] **A LAMINATING ROLLER, A METHOD FOR PROVIDING A PACKAGING LAMINATE, AND A PACKAGING LAMINATE**
[54] **CYLINDRE DE STRATIFICATION, PROCEDE POUR PRODUIRE UN STRATIFIE D'EMBALLAGE ET STRATIFIE D'EMBALLAGE**
[72] POSTOACA, ION, SE
[72] PERSSON, AKE, SE
[72] KEITER, SVEN, SE
[72] HESSMARK, ANDREAS, SE
[72] JUST, MAGNUS, SE
[72] UVNAS, KRISTER, SE
[73] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
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[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING AN OSCILLATING COMPONENT**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE D'UN COMPOSANT OSCILLANT**
[72] FIGIEL, KERRY D., US
[73] INTERNATIONAL PAPER COMPANY, US
[85] 2017-08-31
[86] 2016-06-07 (PCT/US2016/036168)
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[30] US (14/736,010) 2015-06-10

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[51] **Int.Cl. G01D 5/48 (2006.01) G01N 23/046 (2018.01)**
[25] EN
[54] **METHOD FOR DETERMINING THE ROTATION OF A PIECE OF WOOD WITH REFERENCE TO A KNOWN LAY-OUT**
[54] **METHODE DE DETERMINATION DE LA ROTATION D'UNE PIECE DE BOIS AVEC UNE REREFENCE A UNE DISPOSITION CONNUE**
[72] GIUDICEANDREA, FEDERICO, IT
[72] VICARIO, ENRICO, IT
[73] MICROTEC S.R.L., IT
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[87] (2978801)
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[25] EN
[54] **BIOMASS TREATMENT PROCESS AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE LA BIOMASSE**
[72] PHAN, ANTHONY, HK
[73] PHAN, ANTHONY, HK
[86] (2979019)
[87] (2979019)
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[30] US (15/270,963) 2016-09-20

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[25] EN
[54] **NEW FYN KINASE INHIBITORS**
[54] **NOUVEAUX INHIBITEURS DE KINASES FYN**
[72] ARTUSI, ROBERTO, IT
[72] CASELLI, GIANFRANCO, IT
[72] ROVATI, LUCIO, IT
[73] ROTTAPHARM BIOTECH S.R.L., IT
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[87] (WO2016/146220)
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[51] **Int.Cl. G02B 21/00 (2006.01) A61B 90/20 (2016.01) G02B 15/14 (2006.01) G02B 21/36 (2006.01)**
[25] EN
[54] **SURGICAL OPTICAL ZOOM SYSTEM**
[54] **SYSTEME DE GROSSISSEMENT OPTIQUE CHIRURGICAL**
[72] LEE, TAMMY KEE-WAI, CA
[72] LA, WILLIAM, CA
[72] QUEVEDO, PAUL, CA
[72] TAUB, ARYEH BENJAMIN, CA
[72] BISMILLA, YUSUF, CA
[72] LEITCH, SAM ANTHONY, CA
[72] KUZYK, YURI ALEXANDER, CA
[72] WOOD, MICHAEL FRANK GUNTER, CA
[72] YAO, ZESHAN, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[86] (2981726)
[87] (2981726)
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[51] **Int.Cl. B64C 11/06 (2006.01) B64C 11/30 (2006.01) B64C 27/59 (2006.01) B64C 27/82 (2006.01)**
[25] FR
[54] **TWISTABLE BEAM FOR BLADE, SET OF TWISTABLE BEAMS, A ROTOR AND AN AIRCRAFT**
[54] **FAISCEAU TORSIBLE POUR PALE, UN ENSEMBLE DE FAISCEAUX TORSIBLES, UN ROTOR ET UN AERONEF**
[72] VAN-DORSSELAERE, THOMAS, FR
[72] CELLI, MARC-ANTOINE, FR
[72] SFEZ, ERIC, FR
[72] JALAGUIER, JEAN-PIERRE, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2982070)
[87] (2982070)
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[30] FR (1601561) 2016-10-31

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[51] **Int.Cl. H02M 7/12 (2006.01)**
[25] EN
[54] **CONVERTER AND POWER CONVERSION DEVICE INCLUDING THE SAME**
[54] **CONVERTISSEUR ET DISPOSITIF DE CONVERSION DE PUISSANCE UTILISANT CE CONVERTISSEUR**
[72] OHNISHI, KEISUKE, JP
[72] KINOSHITA, MASAHIRO, JP
[72] KOYANAGI, KIMIYUKI, JP
[73] TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION, JP
[85] 2017-10-17
[86] 2015-04-20 (PCT/JP2015/061959)
[87] (WO2016/170569)

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[51] **Int.Cl. G08G 1/09 (2006.01)**
[25] EN
[54] **VEHICLE GUIDANCE DEVICE AND VEHICLE GUIDANCE METHOD**
[54] **DISPOSITIF DE GUIDAGE DE VEHICULES ET PROCEDE DE GUIDAGE DE VEHICULES**
[72] SHIMODAIRA, SEIJI, JP
[72] FUJIMOTO, HIROYA, JP
[72] KASAI, JUNICHI, JP
[72] KISHI, YASUHISA, JP
[72] KAWAI, SATOSHI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-10-17
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[51] **Int.Cl. B64C 1/14 (2006.01) B64C 27/04 (2006.01)**
[25] EN
[54] **A ROTARY WING AIRCRAFT WITH A SLIDING ELEMENT, IN PARTICULAR A SLIDING DOOR OR A SLIDING WINDOW**
[54] **UN AERONEF A VOILURE ROTATIVE DOTE D'UN ELEMENT COULISSANT, EN PARTICULIER UNE PORTE COULISSANTE OU UNE FENETRE COULISSANTE**
[72] VAYSSIERE, AURELIEN, DE
[72] FRUITET, PIERRE, FR
[72] JOUSSELIN, FABRICE, FR
[72] SIENICKI, ROBERT, PL
[72] TAZBIR, BARTIOMIEJ, PL
[72] MROZ, MICHAL, PL
[72] REIN, BERNHARD, DE
[73] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
[73] AIRBUS HELICOPTERS, FR
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[87] (2983318)
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[25] EN
[54] **CONDENSER-EVAPORATOR TUBE**
[54] **TUBE CONDENSEUR-EVAPORATEUR**
[72] HANGANU, DAN ALEXANDRU, ES
[72] NOMEN CALVET, JUAN EUSEBIO, AD
[73] WGA WATER GLOBAL ACCESS, S.L., AD
[73] HANGANU, DAN ALEXANDRU, ES
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[51] **Int.Cl. B23D 77/00 (2006.01)**
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[54] **REAMER**
[54] **ALESOIR**
[72] OSAWA, JIRO, JP
[72] YODA, TOMONORI, JP
[73] OSG CORPORATION, JP
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[86] 2015-06-15 (PCT/JP2015/067163)
[87] (WO2016/203521)

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[51] **Int.Cl. B25J 19/06 (2006.01)**
[25] EN
[54] **FAILURE DIAGNOSIS DEVICE AND FAILURE DIAGNOSIS METHOD**
[54] **DISPOSITIF DE DIAGNOSTIC DE DEFAILLANCE ET PROCEDE DE DIAGNOSTIC DE DEFAILLANCE**
[72] KUNO, MASAKI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-11-21
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[25] FR
[54] **SHAFT ROTATION SPEED REGULATION DEVICE FOR A GAS TURBINE GENERATOR IN A ROTORCRAFT, ROTORCRAFT EQUIPPED WITH SUCH A DEVICE AND ASSOCIATED REGULATION METHOD**
[54] **DISPOSITIF DE REGULATION DE LA VITESSE DE ROTATION D'UN ARBRE D'UN GENERATEUR DE GAZ DE TURBOMOTEUR DE GIRAVION, GIRAVION EQUIPE D'UN TEL DISPOSITIF ET METHODE DE REGULATION ASSOCIEE**
[72] TAHERI, SETAREH, FR
[72] CERTAIN, NICOLAS, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2986771)
[87] (2986771)
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[25] EN
[54] **POSITION ESTIMATION DEVICE AND POSITION ESTIMATION METHOD**
[54] **DISPOSITIF ET PROCEDE D'ESTIMATION DE POSITION**
[72] YAMAGUCHI, ICHIRO, JP
[72] UEDA, HIROTOSHI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-11-27
[86] 2015-05-28 (PCT/JP2015/065415)
[87] (WO2016/189732)

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[51] **Int.Cl. B25J 19/06 (2006.01)**
[25] EN
[54] **FAILURE DIAGNOSIS DEVICE AND FAILURE DIAGNOSIS METHOD**
[54] **DISPOSITIF DE DIAGNOSTIC DE DEFAILLANCE ET PROCEDE DE DIAGNOSTIC DE DEFAILLANCE**
[72] KUNO, MASAKI, JP
[72] URAKAWA, TOSHIMICHI, JP
[72] TAKAGI, TORU, JP
[73] NISSAN MOTOR CO., LTD., JP
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[13] C
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[25] EN
[54] **CYLINDER HEAD ACCELERATION MEASUREMENT FOR VALVE TRAIN DIAGNOSTICS SYSTEM AND METHOD**
[54] **MESURE D'ACCELERATION DE CULASSE POUR UN PROCEDE ET UN SYSTEME DE DIAGNOSTIC DE DISPOSITIF DE COMMANDE DES SOUPAPES**
[72] RIVELLINI, SANDRO, AT
[73] GENERAL ELECTRIC COMPANY, US
[85] 2017-12-06
[86] 2016-05-26 (PCT/US2016/034204)
[87] (WO2016/209522)
[30] US (14/745,986) 2015-06-22

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[51] **Int.Cl. E05D 15/06 (2006.01) E05D 13/00 (2006.01)**
[25] EN
[54] **A SUPPORT SYSTEM FOR A WHEEL ASSEMBLY TO BE USED WITH A CLOSURE MEMBER**
[54] **UN SYSTEME DE SUPPORT DESTINE A UN ASSEMBLAGE DE ROUE A UTILISER AVEC UN ELEMENT DE FERMETURE**
[72] WANG, KUEI-YUNG, TW
[73] NAN YA PLASTICS CORPORATION, TW
[86] (2989736)
[87] (2989736)
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[51] **Int.Cl. E01C 19/21 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATING THE APPLICATION OF FRICTION-MODIFYING COATINGS**
[54] **SYSTEMES ET PROCEDES POUR L'AUTOMATISATION DE L'APPLICATION DE REVETEMENTS MODIFICATEURS DE FROTTEMENT**
[72] RAINWATER, KEITH, US
[72] HOWORKO, RICK, CA
[72] HOWORKO, MATTHEW, CA
[72] RAINWATER, JEFF, US
[72] STONE, JACK D., JR., US
[73] DBI HOLDING, LLC, US
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[86] 2016-08-24 (PCT/US2016/048398)
[87] (WO2017/035231)
[30] US (14/835,614) 2015-08-25

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[51] **Int.Cl. A61N 5/06 (2006.01)**
[25] EN
[54] **APPARATUS FOR PROVIDING LIGHT THERAPY**
[54] **APPAREIL POUR FOURNIR UNE PHOTOTHERAPIE**
[72] KNIGHT, JUDITH DARLENE, US
[73] BLU ROOM ENTERPRISES, LLC, US
[85] 2018-03-15
[86] 2015-09-22 (PCT/US2015/051540)
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[30] US (14/861,915) 2015-09-22

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[51] **Int.Cl. B62H 3/00 (2006.01)**
[25] EN
[54] **BICYCLE STAND AND A METHOD OF ASSEMBLING A BICYCLE**
[54] **SUPPORT A BICYCLETTE ET METHODE D'ASSEMBLAGE D'UNE BICYCLETTE**
[72] SZORDYKOWSKI, KARL, CA
[73] SZORDYKOWSKI, KARL, CA
[86] (2999586)
[87] (2999586)
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[51] **Int.Cl. G06Q 20/10 (2012.01) G06Q 20/40 (2012.01) G07F 19/00 (2006.01)**
[25] EN
[54] **CASINO CASH SYSTEM, APPARATUS AND METHOD UTILIZING INTEGRATED CIRCUIT CARDS**
[54] **SYSTEME, APPAREIL ET PROCEDE D'ENCAISSEMENT POUR CASINO UTILISANT DES CARTES A PUCE**
[72] RICHARDS, TIMOTHY, US
[72] BALTZELL, DALE, US
[72] SULLIVAN, BRIAN T., US
[73] EVERI PAYMENTS INC., US
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[54] **SHOCK ABSORBING GRIP ASSEMBLY**
[54] **ENSEMBLE POIGNEE D'AMORTISSEMENT**
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[54] **CIRCUIT DE COMPENSATION DE DISTORSION**
[72] KOMATSUZAKI, YUJI, JP
[72] FUJIMOTO, YUICHI, JP
[72] NISHIHARA, JUN, JP
[72] IYOMASA, KAZUHIRO, JP
[72] YAMANAKA, KOJI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
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[54] **BATHTUB WITH DOOR AND DRAIN**
[54] **BAIGNOIRE DOTEE DE PORTE ET DE PURGE**
[72] ROCHETTE, JEAN, CA
[72] MARCHAND, ALEXANDRE, CA
[72] VEILLEUX, MARC, CA
[72] BEAUPRE, LUC, CA
[72] DESLAURIERS, ALAIN, CA
[72] CHARBONNEAU, PATRICK, CA
[73] LES PRODUITS NEPTUNE INC., CA
[86] (3006511)
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[54] **SHIELDED SOIL SENSOR FOR LIFTING MECHANISM**
[54] **DETECTEUR DE SOL PROTEGE DESTINE A UN MECANISME DE LEVAGE**
[72] PREGESBAUER, MICHAEL, AT
[73] GEOPROSPECTORS GMBH, AT
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[25] EN
[54] **ULTRASOUND SYSTEMS AND METHODS FOR OPTIMIZING MULTIPLE IMAGING PARAMETERS USING A SINGLE USER INTERFACE CONTROL**
[54] **SYSTEMES D'ULTRASON ET METHODES SERVANT A OPTIMISER PLUSIEURS PARAMETRES D'IMAGERIE AU MOYEN D'UNE SEULE COMMANDE D'INTERFACE UTILISATEUR**
[72] PELISSIER, LAURENT, CA
[72] HANSEN, TREVOR STEPHEN, CA
[72] KERBY, BENJAMIN ERIC, CA
[72] DICKIE, KRIS, CA
[72] UNIYAL, NISHANT, CA
[72] AFSHAM, NARGES, CA
[72] WILLIS, DAVID GLENN, US
[73] CLARIUS MOBILE HEALTH CORP., CA
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[54] **VAPORIZATION IMPROVEMENTS**
[54] **AMELIORATIONS DE VAPORISATION**
[72] SHUSTER, GARY STEPHEN, CA
[72] SHUSTER, BRIAN, CA
[73] SHUSTER, GARY STEPHEN, CA
[73] SHUSTER, BRIAN, CA
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[54] **ANTENNA DEVICE AND ARRAY ANTENNA DEVICE**
[54] **DISPOSITIF D'ANTENNE ET DISPOSITIF D'ANTENNE RESEAU**
[72] NISHIOKA, YASUHIRO, JP
[72] TANAKA, TAI, JP
[72] INASAWA, YOSHIO, JP
[72] OGINO, HAYATO, JP
[72] FUKUMA, YUICHIRO, JP
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[54] **AUTOMATIC BAIL OFF FOR LOCOMOTIVE BRAKING SYSTEM**
[54] **AFFRANCHISSEMENT AUTOMATIQUE POUR SYSTEME DE FREINAGE DE LOCOMOTIVE**
[72] LEONARD, ERICH, US
[72] MCLAUGHLIN, BRYAN, US
[72] JAMES, DANIEL, US
[72] GREETHAM, PETER, US
[73] NEW YORK AIR BRAKE LLC, US
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[72] FRENCH, JOHN TIMOTHY, US
[73] LYNX GRILLS, INC., US
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[54] **APPARATUS AND METHOD FOR LOADING A TRUCK**
[54] **APPAREIL ET METHODE DE CHARGEMENT D'UN CAMION**
[72] OLSON, RUSSELL W., CA
[72] VAN DEURZEN, JOHN, CA
[71] RJ PRODUCT DESIGNS, CA
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[54] **SEAL HOUSING WITH FLANGE COLLAR, FLOATING BUSHING, SEAL COMPRESSOR, FLOATING POLISHED ROD, AND INDEPENDENT FLUID INJECTION TO STACKED DYNAMIC SEALS, AND RELATED APPARATUSES AND METHODS OF USE**
[54] **LOGEMENT DE JOINT DOTE D'UN COL DE BRIDE, PALIER FLOTTANT, COMPRESSEUR DE JOINT, TIGE POLIE FLOTTANTE ET INJECTION DE FLUIDE INDEPENDANTE AUX JOINTS DYNAMIQUES EMPILES, ET APPAREILS ET METHODES D'UTILISATION ASSOCIES**
[72] NEUFELD, PETER, CA
[72] NEUFELD, RONNY, CA
[72] KARALIC, SEJAD, CA
[72] GOWENLOCK, ANDREW, CA
[71] NEUFELD, PETER, CA
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[54] **RIBBED SPINE STUD WITH VARIABLE WEB**
[54] **MONTANT DORSAL CANNELE A TOILE VARIABLE**
[72] STRICKLAND, MICHAEL R., CA
[71] STRICKLAND, MICHAEL R., CA
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[25] EN
[54] **HEDDLE ACTUATING MECHANISM FOR LOOMS**
[54] **MECANISME D'ACTIONNEMENT DE LISSE DESTINE AUX METIERS A TISSER**
[72] SEGUIN, DENIS, CA
[71] SEGUIN, DENIS, CA
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[25] EN
[54] **AUTOMATED ANGLE DETECTOR/CONVERTER FOR DUMPING TRAILERS AND RV TRAVEL TRAILERS**
[54] **CONVERTISSEUR/DETECTEUR D'ANGLE AUTOMATISE DESTINE AUX CAMIONS A BENNE ET AUX REMORQUES DE VR**
[72] UNKNOWN, ZZ
[71] WILSON, RICHARD, US
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[25] EN
[54] **JOINT PAD**
[54] **COUSSIN D'ARTICULATION**
[72] NASIR, NABEEL, CA
[71] NASIR, NABEEL, CA
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[25] EN
[54] **DRILLING RIG POWER SUPPLY MANAGEMENT**
[54] **GESTION D'ALIMENTATION ELECTRIQUE D'UN APPAREIL DE FORAGE**
[72] ROUSE, CODIE, CA
[72] ROUSE, JOHN, CA
[71] ROUSE INDUSTRIES INC., CA
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[54] **LOOK TWICE, SAVE A LIFE VEHICLE MAGNETS AND STICKERS**
[54] **AIMANTS ET AUTOCOLLANTS LOOK TWICE, SAVE A LIFE**
[72] WHITTAKER, JESSICA A. M., CA
[71] WHITTAKER, JESSICA A. M., CA
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[54] **ELEVATOR DOOR SILL PROTECTOR**
[54] **PROTECTEUR DE SEUIL DE PORTE D'ASCENSEUR**
[72] STAITE, PHILIP A, CA
[71] STAITE, PHILIP A, CA
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[54] **COMPACT ELECTRONICS SYSTEM FOR PORTABLE MRI**
[54] **SYSTEME ELECTRONIQUE COMPACT D'IRM PORTATIF**
[72] VIDARSSON, LOGI, CA
[71] VIDARSSON, LOGI, CA
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[25] EN
[54] **LAMINATED STRUCTURAL TIMBER LOGS**
[54] **BOIS DE SCIAGE STRUCTUREL LAMELLE**
[72] MCCORMACK, BONNIE EDITH, CA
[72] OSWALD, MURRAY DONALD, CA
[71] MCCORMACK, BONNIE EDITH, CA
[71] OSWALD, MURRAY DONALD, CA
[22] 2017-05-24
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[51] **Int.Cl. A47K 10/22 (2006.01) B65H 16/06 (2006.01) B65H 19/10 (2006.01)**
[25] EN
[54] **A MATERIAL ROLL SUPPORT SYSTEM AND METHOD OF USING SAME**
[54] **UN SYSTEME DE SUPPORT DE ROULEAU DE MATERIAU ET UNE METHODE D'UTILISATION ASSOCIEE**
[72] LI, ALEX, CA
[72] TAWATAO, ARCHIE, CA
[71] LI, ALEX, CA
[71] TAWATAO, ARCHIE, CA
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[25] EN
[54] **MODULAR METAL HEATING PANEL FOR RAILCAR**
[54] **PANNEAU CHAUFFANT METALLIQUE MODULAIRE DESTINE A UN WAGON**
[72] TENEYCKE, DAVID ROSS, CA
[72] MOORE, BERNARD C., CA
[71] CCI THERMAL TECHNOLOGIES INC., CA
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[30] US (62/509,879) 2017-05-23

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[54] **SPIRAL CONVEYOR SYSTEM FOR IMMERSING ITEMS IN A LIQUID**
[54] **SYSTEME DE TRANSPORTEUR A SPIRALE DESTINE A IMMERGER DES ARTICLES DANS UN LIQUIDE**
[72] KELLEY, STEVEN, CA
[71] KELLEY, STEVEN, CA
[22] 2017-05-24
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[51] **Int.Cl. A01C 7/20 (2006.01) A01C 5/06 (2006.01) A01C 7/08 (2006.01)**
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[54] **QUICK DEPTH ADJUSTMENT FOR PARALLEL ARM OPENERS**
[54] **AJUSTEMENT DE PROFONDEUR RAPIDE D'OUVRE-BRAS PARALLELES**
[72] JAGOW, SCOT, CA
[71] BOURGAULT INDUSTRIES LTD., CA
[22] 2017-05-24
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[54] **POTASSIUM MAGNESIUM FERTILIZER**
[54] **FERTILISANT AU POTASSIUM ET MAGNESIUM**
[72] LALANCETTE, JEAN-MARC, CA
[72] LEMIEUX, DAVID, CA
[71] INOTEL INC., CA
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[25] EN
[54] **WASTE RECEPTACLE**
[54] **BAC A DECHETS**
[72] KARL, CRAIG A., US
[72] MERKLE, DANIEL J., US
[71] MAGNUSON GROUP, INC., US
[22] 2017-05-29
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[30] US (15/602,561) 2017-05-23

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[25] EN
[54] **DOUBLE-SIDED DISPLAY SIMULTANEOUS TRANSLATION DEVICE, METHOD AND APPARATUS AND ELECTRIC DEVICE**
[54] **APPAREIL DE TRADUCTION SIMULTANEE A AFFICHAGE DOUBLE FACE, METHODE ET APPAREIL ET DISPOSITIF ELECTRIQUE**
[72] ZHANG, YUNJUN, CN
[71] SHENZHEN DOUBLE MONKEY TECHNOLOGY CO., LTD., CN
[22] 2017-06-15
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[30] CN (201710351884.9) 2017-05-18

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[25] EN
[54] **BODYSUIT WITH INTEGRATED LINING STRUCTURE AND METHOD OF MANUFACTURE**
[54] **COMBINAISON A STRUCTURE DE DOUBLURE INTERIEURE INTEGREE ET METHODE DE FABRICATION**
[72] WYNER, DANIEL M., US
[72] SUN, HONGJOO, US
[71] GEAR 23, INC., US
[22] 2017-06-23
[41] 2018-11-23
[30] US (62/510,252) 2017-05-23

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[51] **Int.Cl. B60D 1/58 (2006.01) B60D 1/60 (2006.01)**
[25] EN
[54] **COUPLER LOCK DEVICE**
[54] **DISPOSITIF DE VERROUILLAGE DE RACCORD**
[72] GARCIA, MARCO, US
[71] U-HAUL INTERNATIONAL, INC., US
[22] 2017-07-14
[41] 2018-11-22
[30] US (15/601,717) 2017-05-22

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[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/24 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR THE PRODUCTION OF BEVERAGES**
[54] **METHODE ET SYSTEME DE PRODUCTION DE BOISSONS**
[72] RAPPARINI, GINO, IT
[72] GENERALI, MAURIZIO, IT
[71] AROMA SYSTEM S.R.L., IT
[22] 2017-07-31
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[25] EN
[54] **PRESSURE PERFORATED WELL CASING COLLAR AND METHOD OF USE**
[54] **COLLIER DE TUBAGE DE PUITS PERFORE SOUS PRESSION ET METHODE D'UTILISATION**
[72] DALLAS, L. MURRAY, US
[71] DALLAS, L. MURRAY, US
[22] 2017-09-08
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[30] CA (15/601,460) 2017-05-22

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[51] **Int.Cl. H04W 4/30 (2018.01)**
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[54] **TRANSACTIONAL CONVERSATION-BASED COMPUTING SYSTEM**
[54] **SYSTEME INFORMATIQUE FONDE SUR UNE CONVERSATION TRANSACTIONNELLE**
[72] YASEEN, RAHIM, US
[72] ZHANG, XIAOMEI, US
[72] RIZVI, HASAN, US
[72] FROGNER, SEAN, US
[72] CHINNANANCHI, MURUGANANTHAM, US
[72] FORTSON, MICHAEL, US
[71] SERVICENOW, INC., US
[22] 2017-09-29
[41] 2018-11-23
[30] US (62/510,149) 2017-05-23
[30] US (15/717,787) 2017-09-27

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[13] A1
[51] **Int.Cl. A63C 17/01 (2006.01) A63C 17/04 (2006.01)**
[25] EN
[54] **LEAN-TO-STEER MECHANISMS WITH LINEAR OR NON-LINEAR STEERING RESPONSES**
[54] **MECANISMES D'INCLINAISON DE DIRECTION DOTES DE REPONSES DE DIRECTION LINEAIRES OU NON LINEAIRES**
[72] SMITH, COREY, US
[71] SMITH, COREY, US
[22] 2017-12-18
[41] 2018-11-18
[30] US (15/598,659) 2017-05-18

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[51] **Int.Cl. B43K 8/02 (2006.01) B43K 8/03 (2006.01) B43K 8/04 (2006.01)**
[25] EN
[54] **WRITING TOOL AND DISPENSING UNIT THEREOF**
[54] **OUTIL D'ECRITURE ET MODULE DE DISTRIBUTION ASSOCIE**
[72] CHEN, SZU-YU, CN
[71] SDI CORPORATION, CN
[22] 2017-12-27
[41] 2018-11-19
[30] TW (106116658) 2017-05-19

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[25] EN
[54] **BATTERY CASE OF ELECTRONIC DEVICE**
[54] **BOITIER DE BATTERIE D'UN DISPOSITIF ELECTRONIQUE**
[72] HUANG, LIEN-HSI, CN
[72] LEE, WEN-CHIEH, CN
[71] TAIWAN FU HSING INDUSTRIAL CO., LTD., CN
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[54] **AMPHIBIOUS BOATS**
[54] **BATEAUX AMPHIBIES**
[72] LAZAREVIC, RANKO, CA
[71] LAZAREVIC, RANKO, CA
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[51] **Int.Cl. F21V 15/015 (2006.01) F21V 21/005 (2006.01)**
[25] EN
[54] **ROTATIONAL COUPLERS FOR LIGHT FIXTURES**
[54] **RACCORDS ROTATIFS DESTINES A DES APPAREILS D'ECLAIRAGE**
[72] ESTEVES, JOSEPH, CA
[72] MILES, ANDREW, CA
[72] YAPHE, HOWARD, CA
[72] JAMES, THOMAS, CA
[71] AXIS LIGHTING INC., CA
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[51] **Int.Cl. A44C 25/00 (2006.01)**
[25] EN
[54] **ORNAMENT ASSEMBLY WITH SUSPENSION EFFECT**
[54] **ENSEMBLE ORNEMENTAL A EFFET DE SUSPENSION**
[72] WONG, SHEK SHUN, HK
[71] TAT ROY JEWELLERY LIMITED, CN
[22] 2018-02-28
[41] 2018-11-19
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[51] **Int.Cl. A01D 43/06 (2006.01) A01D 39/00 (2006.01) A01D 57/20 (2006.01)**
[25] EN
[54] **METHODS FOR CREATING MERGED TRIPLE WINDROWS**
[54] **METHODES DE CREATION D'ANDAINS TRIPLES FUSIONNES**
[72] DIGMAN, MICHAEL JACOB, US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2018-03-07
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[51] **Int.Cl. B25B 23/142 (2006.01) B25B 23/144 (2006.01)**
[25] EN
[54] **WIRELESS TORQUE WRENCH WITH TORQUE SPECIFICATIONS**
[54] **CLE DYNAMOMETRIQUE SANS FIL DOTEE DE CARACTERISTIQUES DE COUPLE**
[72] LEE, NATHAN J., US
[72] LAWTON, CHRISTOPHER, US
[71] SNAP-ON INCORPORATED, US
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[51] **Int.Cl. G01K 11/32 (2006.01) B64F 5/40 (2017.01) B64D 45/00 (2006.01) G08B 17/00 (2006.01)**
[25] EN
[54] **MODULAR SENSING FIBER OPTIC CABLES**
[54] **CABLES DE FIBRE OPTIQUE DETECTEURS MODULAIRES**
[72] CORETH, STEFAN, US
[72] LIU, LEI, US
[72] BELL, KENNETH, US
[71] SIMMONDS PRECISION PRODUCTS, INC., US
[22] 2018-03-14
[41] 2018-11-23
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[51] **Int.Cl. F04D 29/46 (2006.01) F01D 9/02 (2006.01) F01D 11/22 (2006.01)**
[25] EN
[54] **VARIABLE DIFFUSER WITH AXIALLY TRANSLATING END WALL FOR A CENTRIFUGAL COMPRESSOR**
[54] **DIFFUSEUR VARIABLE A PAROI D'EXTREMITE A TRANSLATION AXIALE DESTINE A UN COMPRESSEUR CENTRIFUGE**
[72] HALL, CHRISTOPHER, US
[72] SAYER, DAVID, US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2018-03-22
[41] 2018-11-23
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[51] **Int.Cl. B64D 43/00 (2006.01) B64D 47/00 (2006.01) G07C 5/00 (2006.01)**
[25] EN
[54] **AUTOMATED LOGGING OF AIRCRAFT OOOI TIMES USING MOBILE DEVICE**
[54] **ENREGISTREMENT AUTOMATISE D'HEURES OOOI D'UN AERONEF AU MOYEN D'UN APPAREIL MOBILE**
[72] LONSKI, THOMAS EDWARD, US
[72] ARDREY, MATTHEW J., US
[72] BEST, WILLIAM PAUL, US
[71] THE BOEING COMPANY, US
[22] 2018-03-22
[41] 2018-11-18
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[25] EN
[54] **GAS PUMPING UNIT FOR OIL WELLS**
[54] **MODULE DE POMPAGE DE GAZ DESTINE AUX PUITS DE PETROLE**
[72] ARLANDIS, JUAN CARLOS MARIE, AR
[71] ARLANDIS, JUAN CARLOS MARIE, AR
[22] 2018-04-05
[41] 2018-11-19
[30] AR (P20170101354) 2017-05-19

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[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01)**
[25] EN
[54] **TURBINE SHROUD ASSEMBLY HAVING CERAMIC MATRIX COMPOSITE TRACK SEGMENTS WITH METALLIC ATTACHMENT FEATURES**
[54] **ASSEMBLAGE DE CARENAGE DE TURBINE COMPORTANT DES SEGMENTS DE PISTE EN COMPOSITE A MATRICE CERAMIQUE DOTES DE FONCTIONNALITES DE FIXATION METALLIQUE**
[72] FREEMAN, TED J., US
[72] VARNEY, BRUCE E., US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2018-04-05
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[25] EN
[54] **FUEL HEAT EXCHANGER WITH LEAK MANAGEMENT**
[54] **ECHANGEUR THERMIQUE A CARBURANT DOTE DE GESTION DE FUITE**
[72] SNYDER, DOUGLAS J., US
[72] HALL, RONALD A., US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
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[51] **Int.Cl. E21B 19/16 (2006.01) E21B 17/042 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **DRILLING DEVICE AND METHOD FOR SCREWING DRILL ROD ELEMENTS TO A DRILLING DEVICE**
[54] **APPAREIL DE FORAGE ET METHODE DE VISSAGE D'ELEMENTS DE TIGE DE FORAGE A UN APPAREIL DE FORAGE**
[72] SCHAIPP, STEPHAN, DE
[72] WOLF, RUDOLF, DE
[71] PRAKLA BOHRTECHNIK GMBH, DE
[22] 2018-04-25
[41] 2018-11-18
[30] EP (17 171 659.0) 2017-05-18

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[54] **MIXED SPACER MULTISPECTRAL FILTER**
[54] **FILTRE MULTISPECTRALE A ESPACEUR MIXTE**
[72] SWITZER, JAMES, III, US
[72] OCKENFUSS, GEORG J., US
[71] VIAVI SOLUTIONS INC., US
[22] 2018-04-27
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[25] EN
[54] **MULTISPECTRAL FILTER**
[54] **FILTRE MULTISPECTRAL**
[72] OCKENFUSS, GEORG J., US
[71] VIAVI SOLUTIONS INC., US
[22] 2018-04-27
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[51] **Int.Cl. G02B 5/20 (2006.01) H01L 31/054 (2014.01) G02B 1/02 (2006.01)**
[25] EN
[54] **INDUCED TRANSMISSION FILTER**
[54] **FILTRE A TRANSMISSION INDUITE**
[72] OCKENFUSS, GEORG J., US
[71] VIAVI SOLUTIONS INC., US
[22] 2018-04-27
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[51] **Int.Cl. G01N 21/55 (2014.01)**
[25] EN
[54] **INDUSTRIAL VISUAL STETHOSCOPE SYSTEM AND INDUSTRIAL VISUAL STETHOSCOPE METHOD**
[54] **SYSTEME DE STETHOSCOPE VISUEL INDUSTRIEL ET METHODE DE STETHOSCOPE VISUEL INDUSTRIEL**
[72] ZHENG, LIMING, CN
[72] ZHANG, ZHENG, CN
[72] YU, TAO, CN
[71] NANJING YUANJUE INFORMATION AND TECHNOLOGY COMPANY, CN
[22] 2018-04-26
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[25] EN
[54] **SUPPORT ASSEMBLY FOR A PROPELLER SHAFT**
[54] **ASSEMBLAGE DE SUPPORT DESTINE A UN ARBRE D'HELICE**
[72] DESJARDINS, MICHEL, CA
[72] DUBREUIL, JEAN, CA
[72] BRILLON, LOUIS, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-04-27
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[13] A1
[51] **Int.Cl. F15C 4/00 (2006.01) B64C 11/38 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AIRCRAFT PROPELLER CONTROL**
[54] **SYSTEME ET METHODE DE CONTROLE DE PROPULSEUR D'AERONEF**
[72] PEDRAMI, REZA, CA
[72] JARVO, JAMES, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-04-27
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[13] A1
[51] **Int.Cl. G01S 17/66 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTING AND AUTONOMOUSLY TRACKING A TARGET OBJECT BY MEANS OF A LIDAR SENSOR**
[54] **METHODE DE DETECTION ET DE SUIVI AUTONOME D'UN OBJET CIBLE AU MOYEN D'UN CAPTEUR LIDAR**
[72] SCHMITT, CHRISTOPH, DE
[72] KOLB, FLORIAN, DE
[71] JENA-OPTRONIK GMBH, DE
[22] 2018-05-01
[41] 2018-11-24
[30] DE (10 2017 111 351.7) 2017-05-24

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[51] **Int.Cl. C09J 179/02 (2006.01) C08J 5/12 (2006.01) C09J 139/00 (2006.01) C09J 139/02 (2006.01)**
[25] EN
[54] **PRETREATMENT FOR SOLVENT CEMENTS**
[54] **PRETRAITEMENT DE CIMENTS SOLVANTS**
[72] WU, YOUNG, US
[72] SCHNEIDER, ANDREAS, US
[71] IPS CORPORATION, US
[22] 2018-05-02
[41] 2018-11-22
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[51] **Int.Cl. H01Q 21/24 (2006.01) H01F 3/00 (2006.01) H01Q 7/08 (2006.01) H01Q 9/04 (2006.01)**
[25] EN
[54] **LOW PROFILE TRIAXIAL ANTENNA**
[54] **ANTENNE TRIAXIALE A PROFIL BAS**
[72] ARCOS, MARINA, ES
[72] ARIZA BAQUERO, MIGUEL ANGEL, ES
[72] RODRIGUEZ, JORGE, ES
[72] ROJAS CUEVAS, ANTONIO, ES
[72] NAVARRO PEREZ, FRANCISCO EZEQUIEL, ES
[72] CANETE CABEZA, CLAUDIO, ES
[71] PREMO, S.L., ES
[22] 2018-05-03
[41] 2018-11-18
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[51] **Int.Cl. C12N 5/10 (2006.01) A01H 6/00 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) C12N 9/02 (2006.01) C12N 15/82 (2006.01) C12N 15/83 (2006.01)**
[25] EN
[54] **A TRANSGENIC PLANT AND THE METHOD FOR PRODUCING THE SAME**
[54] **UN PLANT TRANSGENIQUE ET METHODE DE PRODUCTION DUDIT PLANT**
[72] JIA, GUIFANG, CN
[72] HE, CHUAN, CN
[71] EPIPLANTA BIOTECH LTD., CN
[22] 2018-05-03
[41] 2018-11-24
[30] US (15/603894) 2017-05-24

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[51] **Int.Cl. H04B 1/40 (2015.01) H01Q 21/24 (2006.01) H04B 7/185 (2006.01)**
[25] EN
[54] **MULTI-BEAM PHASED ARRAY FOR AIRBORNE SATELLITE COMMUNICATION**
[54] **RESEAU PHASE MULTI-FAISCEAU DESTINE A LA COMMUNICATION SATELLITE AERIENNE**
[72] PAULSEN, LEE M., US
[72] CAMPBELL, THOMAS B., US
[72] FRANK, ROBERT J., US
[71] ROCKWELL COLLINS, INC., US
[22] 2018-05-02
[41] 2018-11-19
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[13] A1
[51] **Int.Cl. B63B 17/00 (2006.01) B63B 29/00 (2006.01)**
[25] EN
[54] **STERN PLATFORM ASSEMBLY FOR AN OUTBOARD PROPELLED BOAT**
[54] **ASSEMBLAGE DE PLATEFORME DE POUPE DESTINE A UN BATEAU PROPULSE PAR UN MOTEUR HORS-BORD**
[72] FURLAN, ANDREA, IT
[71] OPACMARE S.R.L., IT
[22] 2018-05-04
[41] 2018-11-18
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[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **INTRAOCULAR LENS INCLUDING SCLERAL ENGAGEMENT PORTION**
[54] **LENTILLE INTRAOCULAIRE COMPORTANT UNE PORTION D'ENGAGEMENT SCLERAL**
[72] AHARONI, ELI, IL
[71] VISIONCARE, INC., US
[22] 2018-05-08
[41] 2018-11-24
[30] US (15/603705) 2017-05-24

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[13] A1
[51] **Int.Cl. B60G 5/00 (2006.01) B62D 21/02 (2006.01)**
[25] EN
[54] **SLIDER WEAR PAD**
[54] **COUSSINET D'USURE DE GLISSIERE**
[72] ANDREASEN, JACOB D., US
[72] RAMSEY, JOHN E., US
[71] HENDRICKSON USA, L.L.C., US
[22] 2018-05-09
[41] 2018-11-18
[30] US (62/507,949) 2017-05-18
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[51] **Int.Cl. G06F 9/06 (2006.01)**
[25] EN
[54] **CONTEXTUAL AWARENESS ASSOCIATED WITH RESOURCES**
[54] **SENSIBILISATION CONTEXTUELLE ASSOCIEE AUX RESSOURCES**
[72] GRAFFY, MELANIE SUE-HANSON, US
[72] HOLMWOOD, COLIN, US
[72] DIEKEMA, JON MARC, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2018-05-10
[41] 2018-11-23
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[13] A1
[51] **Int.Cl. G06F 15/163 (2006.01) H04L 29/14 (2006.01)**
[25] EN
[54] **METHODS FOR MANAGING COMMUNICATIONS INVOLVING A LOCKSTEP PROCESSING SYSTEM**
[54] **METHODES DE GESTION DES COMMUNICATIONS IMPLIQUANT UN SYSTEME DE TRAITEMENT A MODE RIGIDE**
[72] GRAFFY, MELANIE SUE-HANSON, US
[72] DIEKEMA, JON MARC, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2018-05-10
[41] 2018-11-19
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[51] **Int.Cl. F01D 25/24 (2006.01) B23P 6/00 (2006.01) B29B 17/00 (2006.01) F01D 9/02 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **KEVLAR WRAP REMOVAL FROM FAN CASING**
[54] **RETRAIT D'UN EMBALLAGE DE KEVLAR D'UN BOITIER DE VENTILATEUR**
[72] CYREK, MICHAL JERZY, PL
[72] STASZAK, MARIUSZ PAWEL, PL
[72] MOCZULSKI, LESZEK JOZEF, PL
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-05-10
[41] 2018-11-19
[30] PL (P.421648) 2017-05-19

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[51] **Int.Cl. H04W 76/10 (2018.01) H04W 40/16 (2009.01) H04W 40/22 (2009.01) H01Q 3/00 (2006.01)**
[25] EN
[54] **LINE OF SIGHT AIRCRAFT DATA TRANSFER SYSTEM**
[54] **SYSTEME DE TRANSFERT DE DONNEES DE PORTEE OPTIQUE D'AERONEF**
[72] MISENHEIMER, STEVEN LANE, US
[72] STEFFLER, JOSEPH, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2018-05-10
[41] 2018-11-23
[30] US (15/603,049) 2017-05-23

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[13] A1
[51] **Int.Cl. G01N 37/00 (2006.01) G06T 7/50 (2017.01) F01D 25/00 (2006.01) G01M 15/14 (2006.01) G01S 17/89 (2006.01) G06N 3/02 (2006.01) G06N 3/08 (2006.01) G09B 29/00 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **NEURAL NETWORK POINT CLOUD GENERATION SYSTEM**
[54] **SYSTEME DE GENERATION DE NUAGE DE POINTS D'UN RESEAU NEURONAL**
[72] LIM, SER NAM, US
[72] ZHENG, JINGJING, US
[72] LUO, JIAJIA, US
[72] DIWINSKY, DAVID SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-05-10
[41] 2018-11-24
[30] US (15/604,012) 2017-05-24

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[13] A1
[51] **Int.Cl. F23B 90/06 (2011.01) B01D 53/62 (2006.01) F23G 7/06 (2006.01) F23K 1/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR COAL PURIFICATION AND COMPLETE BURNING FOR CLEAN FOSSIL FUEL**
[54] **METHODE ET SYSTEME DE PURIFICATION DU CHARBON ET BRULAGE COMPLET PERMETTANT DE PRODUIRE UN COMBUSTIBLE FOSSILE PROPRE**
[72] SU, SAM, US
[71] SU, SAM, US
[22] 2018-05-10
[41] 2018-11-19
[30] US (62508912) 2017-05-19
[30] US (15902962) 2018-02-22

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[13] A1
[51] **Int.Cl. G06K 9/62 (2006.01) G06N 3/02 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **IMAGE ANALYSIS NEURAL NETWORK SYSTEMS**
[54] **SYSTEMES D'ANALYSE D'IMAGES DE RESEAU NEURONAL**
[72] LIM, SER NAM, US
[72] BIAN, XIAO, US
[72] DIWINSKY, DAVID SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-05-10
[41] 2018-11-22
[30] US (15/600,948) 2017-05-22

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[13] A1
[51] **Int.Cl. G07D 5/00 (2006.01) G07F 1/06 (2006.01)**
[25] EN
[54] **INSPECTION SYSTEM AND GAME TOKEN**
[54] **SYSTEME D'INSPECTION ET JETON DE JEU**
[72] SHIGETA, YASUSHI, JP
[71] ANGEL PLAYING CARDS CO., LTD., JP
[22] 2018-05-10
[41] 2018-11-19
[30] JP (2017-099903) 2017-05-19

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 8/12 (2006.01) A61M 25/095 (2006.01) A61N 5/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TRACKING AND IMAGING A TREATMENT PROBE HAVING AN INTEGRATED SENSOR**
[54] **SYSTEMES ET METHODES DE SUIVI ET IMAGERIE D'UNE SONDE DE TRAITEMENT DOTEE D'UN CAPTEUR INTEGRE**
[72] HILL, MORGAN L., US
[72] BHARADWAJ, JEETENDRA S., US
[72] NONALAYA, FLOR DE MARIA R., US
[72] LARSON, ERIC W., US
[72] ROOKS, KATHY E., US
[72] WILLYARD, RICHARD A., US
[72] BEHNKE, ROBERT J., II, US
[72] MANKAR, NIKHIL P., IN
[72] GIROTTO, DARREN G., US
[71] COVIDIEN LP, US
[22] 2018-05-11
[41] 2018-11-19
[30] US (15/600,304) 2017-05-19

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[13] A1
[51] **Int.Cl. A47J 37/06 (2006.01) F24B 1/193 (2006.01) F24C 15/00 (2006.01)**
[25] EN
[54] **THERMALLY EFFICIENT COOKING GRATE**
[54] **GRILLE DE CUISSON EFFICACE THERMIQUEMENT**
[72] JOYCE, PATRICK, US
[71] WEBER-STEPHEN PRODUCTS LLC, US
[22] 2018-05-11
[41] 2018-11-19
[30] US (15/599,996) 2017-05-19

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[13] A1
[51] **Int.Cl. A47J 37/07 (2006.01) F24C 7/08 (2006.01) H01R 4/66 (2006.01) H01R 13/73 (2006.01)**
[25] EN
[54] **REMOVABLE ELECTRIC GRILL CONTROLLER WITH MOUNT**
[54] **CONTROLEUR DE GRILL ELECTRIQUE AMOVIBLE DOTE D'UN DISPOSITIF D'INSTALLATION**
[72] SCHMESKI, KEVIN JAMES, US
[71] WEBER-STEPHEN PRODUCTS LLC, US
[22] 2018-05-11
[41] 2018-11-19
[30] US (15/600,310) 2017-05-19

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[13] A1
[51] **Int.Cl. B64D 47/02 (2006.01) F21S 41/60 (2018.01) F21S 41/663 (2018.01)**
[25] EN
[54] **COMBINED AIRCRAFT TAKE-OFF AND TOWER SIGNAL LIGHT UNIT AND AIRCRAFT COMPRISING THE SAME**
[54] **MODULE COMBINE DE LUMIERE DE SIGNAL DE TOUR ET DECOLLAGE DESTINE A UN AERONEF ET AERONEF COMPORTANT LEDIT MODULE**
[72] JHA, ANIL KUMAR, DE
[72] HESSLING-VON HEIMENDAHL, ANDRE, DE
[72] MENNE, NORBERT, DE
[71] GOODRICH LIGHTING SYSTEMS GMBH, DE
[22] 2018-05-10
[41] 2018-11-19
[30] EP (17171916.4) 2017-05-19

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[51] **Int.Cl. F24F 11/83 (2018.01) F24D 19/00 (2006.01) F24F 3/06 (2006.01) G05B 17/02 (2006.01)**
[25] EN
[54] **METHOD FOR ADJUSTING A CLIMATE SYSTEM**
[54] **METHODE D'AJUSTEMENT D'UN SYSTEME CLIMATIQUE**
[72] GUSTAFSSON, PER, SE
[71] QSEC AB, SE
[22] 2018-05-11
[41] 2018-11-19
[30] EP (17172026.1) 2017-05-19

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[13] A1
[51] **Int.Cl. F16K 24/00 (2006.01) F21S 45/30 (2018.01) B64D 47/02 (2006.01)**
[25] EN
[54] **DRAIN VALVE, EXTERIOR AIRCRAFT LIGHT UNIT AND POWER SUPPLY BOX**
[54] **VANNE D'EVACUATION, MODULE DE LUMIERE EXTERIEURE D'AERONEF ET BOITE D'ALIMENTATION ELECTRIQUE**
[72] HESSLING-VON HEIMENDAHL, ANDRE, DE
[72] JHA, ANIL KUMAR, DE
[72] LUEDER, SASCHA, DE
[72] SRINIVASAMURTHY, RAMESH, DE
[71] GOODRICH LIGHTING SYSTEMS GMBH, DE
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[30] EP (17171905.7) 2017-05-19

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[13] A1
[51] **Int.Cl. G01B 3/10 (2006.01)**
[25] EN
[54] **TAPE RULE ASSEMBLY WITH DIFFERENTIAL SPRING-DRIVE SYSTEMS**
[54] **ENSEMBLE DE RUBAN A MESURER DOTE DE SYSTEMES A ENTRAINEMENT A RESSORT DIFFERENTIEL**
[72] ORSINI, ANTONY, US
[72] LOMBARDI, KEITH M., US
[72] EIDINGER, BRUCE, US
[71] STANLEY BLACK & DECKER, INC., US
[22] 2018-05-15
[41] 2018-11-18
[30] US (15/598,479) 2017-05-18

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[54] **SOLVENT-FREE THCA EXTRACTION PROCESS**
[54] **PROCEDE D'EXTRACTION DE THCA SANS SOLVANT**
[72] CARNAHAN, JAY, CA
[71] TRESVERTOL INC., CA
[22] 2018-05-15
[41] 2018-11-18
[30] US (62/508,055) 2017-05-18
[30] CA (2,987,979) 2017-12-07

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[25] EN
[54] **INTEGRATED MOTOR DRIVE SYSTEM FOR SOFT SERVE DISPENSER**
[54] **SYSTEME D'ENTRAINEMENT MOTEUR INTEGRE DESTINE A UN DISTRIBUTEUR DE CREME GLACEE MOLLE**
[72] ELSOM, KYLE B., US
[72] GREENWAY, LEX, US
[72] QUANDT, JAMES A., US
[72] DAVIS, MARK L., US
[71] H.C. DUKE & SON, LLC, US
[22] 2018-05-15
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[30] US (15/598,645) 2017-05-18

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[25] EN
[54] **APPARATUS FOR MULTI DOSING OF WIPE AT POINT OF DISPENSING**
[54] **APPAREIL DE DOSAGE MULTIPLE D'UNE LINGETTE A UN POINT DE DISTRIBUTION**
[72] PERLAS, KRISTINA, US
[72] DUARTE, AIDEE, US
[72] GLAUBER, JOHN, US
[72] HOYT, JOSHUA KING, US
[72] SAYLER, DAVID JOHN, US
[71] THE CLOROX COMPANY, US
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[41] 2018-11-24
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[51] **Int.Cl. B61L 27/00 (2006.01) B61L 27/04 (2006.01)**
[25] FR
[54] **OPTIMIZED TRAFFIC MANAGEMENT PROCESS FOR A TRAIN AND ASSOCIATED CBTC SIGNALLING SYSTEM**
[54] **PROCEDE OPTIMISE DE GESTION DE LA CIRCULATION D'UN TRAIN ET SYSTEME DE SIGNALISATION CBTC ASSOCIE**
[72] BRESSON, MATHIEU, FR
[72] BALLESTEROS, JAVIER, FR
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2018-05-15
[41] 2018-11-24
[30] FR (17 54618) 2017-05-24

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[13] A1
[51] **Int.Cl. G06Q 20/22 (2012.01) G06Q 20/40 (2012.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATED CUSTOMER RECURRING PAYMENT PROCESSING**
[54] **SYSTEMES ET METHODES DE TRAITEMENT DE PAIEMENT RECURRENT DE CLIENT AUTOMATISE**
[72] KHURANA, KARAN, US
[72] RAMALINGAM, CHANDRASEKAR, US
[72] PALANISAMY, VASU, US
[71] WALMART APOLLO, LLC, US
[22] 2018-05-16
[41] 2018-11-18
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[25] EN
[54] **ASSEMBLY FOR STARTING AN ENGINE AND STARTING METHOD**
[54] **ASSEMBLAGE DE DEMARRAGE D'UN MOTEUR ET METHODE DE DEMARRAGE**
[72] DAL, ARNAUD, FR
[72] LE GUERROUE, ERIC, FR
[72] TAKORABET, AZEDDINE, FR
[72] MAALOUF, AMIRA, FR
[71] THALES, FR
[22] 2018-05-16
[41] 2018-11-18
[30] FR (1700526) 2017-05-18

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[51] **Int.Cl. B65D 83/08 (2006.01)**
[25] EN
[54] **ON DEMAND WET WIPE DISPENSING DEVICE**
[54] **APPAREIL DE DISTRIBUTION DE LINGETTE HUMIDE SUR DEMANDE**
[72] DUARTE, AIDEE, US
[72] CAMPBELL, DAMON, US
[72] LAU, TIM, US
[72] SHARPE, ROGER, US
[71] THE CLOROX COMPANY, US
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[30] US (15/604,497) 2017-05-24

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[25] EN
[54] **LIGHT EMITTING DIODE SIGNAL LIGHT**
[54] **VOYANT DE SIGNAL A DIODE ELECTROLUMINESCENTE**
[72] MACKIN, MICHAEL P., US
[71] TRI LITE, INC., US
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[41] 2018-11-18
[30] US (15/599,111) 2017-05-18
[30] US (15/956,277) 2018-04-18

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[51] **Int.Cl. E04H 1/00 (2006.01) E04B 1/343 (2006.01) E04B 1/348 (2006.01) G06Q 50/08 (2012.01)**
[25] EN
[54] **MASS-PRODUCIBLE BESPOKE BUILDING COMPONENT SYSTEM AND METHOD**
[54] **SYSTEME DE COMPOSANTE DE BATIMENT SUR MESURE DESTINE A LA PRODUCTION DE MASSE ET METHODE**
[72] GIRARD, GENEVIEVE, CA
[71] 9469044 CANADA INC., CA
[22] 2018-05-18
[41] 2018-11-19
[30] US (62/509,018) 2017-05-19

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[51] **Int.Cl. E21B 43/25 (2006.01) E21B 21/00 (2006.01) E21B 43/267 (2006.01) E21B 19/22 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEMS AND METHODS FOR MITIGATING SOLIDS ACCUMULATION WITHIN THE WELLBORE DURING STIMULATION OF SUBTERRANEAN FORMATIONS**
[54] **APPAREIL, SYSTEMES ET METHODES D'ATTENUATION DE L'ACCUMULATION DE SOLIDES DANS UN TROU DE FORAGE PENDANT LA STIMULATION DE FORMATIONS SOUTERRAINES**
[72] COOPER, KURT, CA
[71] NCS MULTISTAGE INC., CA
[22] 2018-05-17
[41] 2018-11-18
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[51] **Int.Cl. B60P 1/44 (2006.01) B60P 1/43 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR LOADING A TRUCK**
[54] **APPAREIL ET METHODE DE CHARGEMENT D'UN CAMION**
[72] OLSON, RUSSELL WAYNE, CA
[72] VAN DEURZEN, JOHN, CA
[71] RJ PRODUCT DESIGNS, CA
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[41] 2018-11-18
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[51] **Int.Cl. A61J 7/04 (2006.01) G16H 20/13 (2018.01)**
[25] EN
[54] **PILL DISPENSING APPARATUS AND METHOD FOR AUTOMATICALLY DISPENSING PILLS**
[54] **APPAREIL DISTRIBUTEUR DE PILULES ET METHODE D'AUTOMATISATION DE DISTRIBUTION DE PILULES**
[72] CARSON, THOMAS E., US
[72] SIMPSON, EDWIN C., US
[72] CARSON, MARY, US
[71] CARSON, THOMAS E., US
[71] SIMPSON, EDWIN C., US
[71] CARSON, MARY, US
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[51] **Int.Cl. G01R 33/54 (2006.01) A61B 5/055 (2006.01)**
[25] EN
[54] **TRANSMIT COIL FREQUENCY RESPONSE CORRECTION FOR MAGNETIC RESONANCE IMAGING**
[54] **CORRECTION DE REPONSE DE FREQUENCE DE BOBINE DE TRANSMISSION DESTINEE A L'IMAGERIE PAR RESONANCE MAGNETIQUE**
[72] STAINSBY, JEFF ALAN, CA
[72] CURTIS, ANDREW THOMAS, CA
[72] HARRIS, CHAD TYLER, CA
[72] PANTHER, ALEXANDER GYLES, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[22] 2018-05-17
[41] 2018-11-18
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[25] EN
[54] **ADJUSTABLE SHANK FOR JEWELRY**
[54] **TIGE AJUSTABLE DESTINEE A LA JOAILLERIE**
[72] GHANIMIAN, SIMON, US
[72] GHANIMIAN, ZAVEN, US
[71] SIMON G. JEWELRY, INC., US
[22] 2018-05-17
[41] 2018-11-24
[30] US (15/872,872) 2018-01-16
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[51] **Int.Cl. F03D 9/32 (2016.01) F03D 9/12 (2016.01)**
[25] EN
[54] **WIND POWER GENERATING DEVICE INSTALLED IN A VEHICLE**
[54] **APPAREIL DE GENERATION D'ENERGIE EOLIENNE INSTALLE SUR UN VEHICULE**
[72] LEE, SHOU-HSUN, CN
[72] LI, CHUN-I, CN
[71] LEE, SHOU-HSUN, CN
[71] LI, CHUN-I, CN
[22] 2018-05-18
[41] 2018-11-22
[30] TW (106116800) 2017-05-22

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[51] **Int.Cl. E21B 44/00 (2006.01) E21B 7/06 (2006.01) E21B 44/02 (2006.01) E21B 47/024 (2006.01)**
[25] EN
[54] **AUTOMATED DIRECTIONAL STEERING SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES D'ORIENTATION DIRECTIONNELLE AUTOMATISEE**
[72] WAGNER, CHRISTOPHER, US
[72] JOHNSON, JESSE, US
[72] BARNETT, KENNETH, US
[72] GROOVER, AUSTIN, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
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[51] **Int.Cl. G06N 3/04 (2006.01)**
[25] EN
[54] **DOMAIN SPECIFIC LANGUAGE FOR GENERATION OF RECURRENT NEURAL NETWORK ARCHITECTURES**
[54] **LANGAGE PROPRE AU DOMAINE POUR LA GENERATION D'ARCHITECTURES DE RESEAU NEURONAL RECURRENT**
[72] MERITY, STEPHEN JOSEPH, US
[72] SOCHER, RICHARD, US
[72] BRADBURY, JAMES, US
[72] XIONG, CAIMING, US
[71] SALESFORCE.COM, INC., US
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[51] **Int.Cl. B23Q 9/00 (2006.01) B23Q 17/00 (2006.01)**
[25] EN
[54] **TOOL SYSTEM AND METHOD OF OPERATION OF SAID TOOL SYSTEM**
[54] **SYSTEME D'OUTIL ET METHODE D'UTILISATION DUDIT SYSTEME D'OUTIL**
[72] TRIFONI, ALESSANDRO, IT
[72] CEVOLI, DAVIDE, IT
[72] FRANGI, LORENZO, IT
[71] SPRINGA S.R.L., IT
[22] 2018-05-17
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[30] EP (17172084.0) 2017-05-19

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[51] **Int.Cl. A46B 13/02 (2006.01) A46B 5/00 (2006.01) E01H 1/05 (2006.01)**
[25] EN
[54] **POWER SWEEPER**
[54] **BALAI ELECTRIQUE**
[72] NOLIN, ERIC, US
[72] GILLESPIE, TODD A., US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[22] 2018-05-18
[41] 2018-11-22
[30] US (62/509,274) 2017-05-22

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[51] **Int.Cl. B60W 10/02 (2006.01) B60W 10/11 (2012.01) B60W 10/06 (2006.01) F16H 61/14 (2006.01)**
[25] EN
[54] **CONTROL DEVICE FOR VEHICLE**
[54] **DISPOSITIF DE COMMANDE DE VEHICULE**
[72] MICHIKOSHI, YOSUKE, JP
[72] IKEMURA, MASASHI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-05-18
[41] 2018-11-19
[30] JP (2017-100348) 2017-05-19

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[51] **Int.Cl. C02F 1/32 (2006.01) C02F 1/00 (2006.01)**
[25] EN
[54] **SELF-CLEANING ULTRAVIOLET WASTEWATER DISINFECTION UNIT AND METHOD**
[54] **MODULE AUTONETTOYANT A ULTRAVIOLET DESTINE A LA DESINFECTION DES EAUX USEES ET METHODE**
[72] MAYRAND, PAUL, CA
[71] BIOTURBINE SYSTEMS INC., CA
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[51] **Int.Cl. B60B 35/10 (2006.01) B60G 7/00 (2006.01) B60G 17/015 (2006.01)**
[25] EN
[54] **WORKING MACHINE**
[54] **MACHINE DE TRAVAIL**
[72] RATCLIFFE, SIMON, GB
[71] J. C. BAMFORD EXCAVATORS LTD, GB
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[41] 2018-11-19
[30] GB (1708088.8) 2017-05-19

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[51] **Int.Cl. E04H 12/24 (2006.01) H02G 7/05 (2006.01)**
[25] EN
[54] **ENDCAP FOR A CROSSARM, RELATED SYSTEM, AND METHOD OF ASSEMBLY**
[54] **CAPUCHON D'EXTREMITE DESTINE A UNE TRAVERSE, SYSTEME ASSOCIE ET METHODE D'ASSEMBLAGE**
[72] KADEL, MITCHELL HENRY HARRISON, US
[71] MACLEAN POWER, L.L.C., US
[22] 2018-05-17
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[25] EN
[54] **CHAIN GUIDE FOR PADDLE-TYPE CONVEYOR**
[54] **GUIDE DE CHAINE DESTINE A UN TRANSPORTEUR DE TYPE A PALETTES**
[72] KOPF, KEITH, US
[71] KOPF, KEITH, US
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[25] EN
[54] **USING PROXIMAL LOCATION SENSORS TO IMPROVE ACCURACY AND LOCATION IMMUNITY TO INTERFERENCE**
[54] **UTILISATION DE CAPTEURS D'EMPLACEMENT PROXIMAUX POUR AMELIORER LA PRECISION ET L'IMMUNITE D'EMPLACEMENT AUX INTERFERENCES**
[72] GLINER, VADIM, IL
[72] GOVARI, ASSAF, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[51] **Int.Cl. H04W 76/25 (2018.01) H04W 8/24 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CORRECTING NETWORK CONNECTIVITY OF A CONNECTED DEVICE**
[54] **SYSTEMES ET METHODES DE CORRECTION DE LA CONNECTIVITE RESEAU D'UN DISPOSITIF CONNECTE**
[72] FERRO, PHILIP, US
[72] KERN, JAMES, US
[72] LANDI, MICHAEL, US
[72] DEBIASIO, ALICE, US
[72] YOUSUFF, KAJA MOHAIDEEN, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-05-17
[41] 2018-11-18
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[51] **Int.Cl. E21B 34/10 (2006.01) E21B 33/12 (2006.01) E21B 34/08 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOL**
[54] **OUTIL DE FOND DE TROU**
[72] BRANDSDAL, VIGGO, NO
[71] FRAC TECHNOLOGY AS, NO
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS FOR TREATING PAIN**
[54] **COMPOSITIONS PHARMACEUTIQUES DESTINEES AU TRAITEMENT DE LA DOULEUR**
[72] ZHUO, MIN, CN
[71] FOREVER CHEER INTERNATIONAL LIMITED, CN
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[25] EN
[54] **INTERCHANGEABLE STRAP ATTACHMENT**
[54] **FIXATION DE COURROIE INTERCHANGEABLE**
[72] CORNISH, CAROLLE, CA
[72] WATERHOUSE, GEOFFREY, CA
[71] CORNISH, CAROLLE, CA
[71] WATERHOUSE, GEOFFREY, CA
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[25] EN
[54] **SLIDING TARPAULIN SYSTEM AND BOW LIFT ASSEMBLIES**
[54] **SYSTEME DE BACHE COULISSANTE ET ASSEMBLAGES DE SOULEVEMENT D'ARCHE**
[72] PETELKA, BRIAN W., CA
[71] PETELKA INVESTMENTS INC., CA
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[25] EN
[54] **RIBBED SPINE STUD WITH VARIABLE WEB**
[54] **MONTANT DORSAL CANNELE A TOILE VARIABLE**
[72] STRICKLAND, MICHAEL R., CA
[71] INVENT TO BUILD INC., CA
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[54] **EXERCISE BALL SYSTEM**
[54] **SYSTEME DE BALLON D'EXERCICE**
[72] SUPERNAULT, TANNER J., CA
[71] SUPERNAULT, TANNER J., CA
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[25] EN
[54] **METAL PRODUCT MANUFACTURING METHOD**
[54] **METHODE DE FABRICATION DE PRODUIT METALLIQUE**
[72] ODA, JIN, JP
[72] SATAKE, JUNYA, JP
[71] MITSUI HIGH-TEC, INC., JP
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[25] EN
[54] **PRESSING DEVICE FOR PRODUCING WOODEN STRANDS FROM PIECES OF WOOD**
[54] **APPAREIL DE PRESSAGE DESTINE A LA PRODUCTION DE FIBRES DE BOIS A PARTIR DE MORCEAUX DE BOIS**
[72] PAHLAND, DIRK, DE
[72] OBENAUER, JORG, DE
[71] WEINIG GRECON GMBH & CO. KG, DE
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[51] **Int.Cl. E04F 19/00 (2006.01) E04F 15/00 (2006.01)**
[25] EN
[54] **TILE END PROFILE**
[54] **PROFIL D'EXTREMITE DE TUILE**
[72] SCHLUTER, WERNER, DE
[71] SCHLUTER, WERNER, DE
[22] 2018-05-18
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[30] DE (20 2017 102 994.8) 2017-05-18

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[25] EN
[54] **COLOR TUNABLE LUMINAIRES FOR OFFICES WITH CHANGEABLE AMBIENT LIGHT CONDITIONS**
[54] **LUMINAIRES A CHANGEMENT DE COULEUR DESTINES AUX BUREAUX AYANT DES CONDITIONS D'ECLAIRAGE AMBIANT CHANGEANTES**
[72] PFUND, DAVID R., US
[71] SYLVAN R. SHEMITZ DESIGNS, INC., US
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[54] **METHOD FOR PRODUCING A 2D IMAGE OF A 3D SURFACE**
[54] **METHODE DE PRODUCTION D'UNE IMAGE 2D D'UNE SURFACE 3D**
[72] RICHTER, CHRISTIAN, DE
[72] LUBOSCHIK, MARTIN, DE
[72] DUBEL, STEVE, DE
[72] MULLER-DIVEKY, STEFAN, DE
[71] DIEHL AEROSPACE GMBH, DE
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[30] DE (10 2017 005 002.3) 2017-05-24

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[54] **CONVOYEUR PIVOTANT**
[72] EBERTS, KENNETH SCOTT, US
[71] VERMEER MANUFACTURING COMPANY, US
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[54] **PISTON DE DEVIATION A BILLES EN CAGE A DESCENTE CONTROLEE**
[72] STADLER, CHRIS, US
[72] ROBISON, DONALD, US
[72] JOHNSON, JUSTIN, US
[71] SUPERIOR ENERGY SERVICES, L.L.C., US
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[54] **RAILROAD TRACK POWERED MEASUREMENT DEVICE AND RAILROAD MEASUREMENT SYSTEM**
[54] **APPAREIL DE MESURE ELECTRIQUE DE VOIE DE CHEMIN DE FER ET SYSTEME DE MESURE DE CHEMIN DE FER**
[72] HOGAN, BRIAN JOSEPH, US
[71] SIEMENS INDUSTRY, INC., US
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[54] **BOTTOM RAIL ASSEMBLY FOR A COVERING WITH ADJUSTABLE ROLLER POSITION AND RELATED METHODS**
[54] **DISPOSITIF DE RAIL INFERIEUR DESTINE A UN REVETEMENT A POSITION DE ROULEAU AJUSTABLE ET METHODES ASSOCIEES**
[72] GOLDBERG, MICHAEL S., US
[71] HUNTER DOUGLAS INC., US
[22] 2018-05-22
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[54] **STATIC PRESSURE TAP**
[54] **ROBINET A PRESSION STATIQUE**
[72] LYONS, LESLIE ALAN, US
[72] FISHER, DAVID ALLEN, US
[71] REGAL BELOIT AMERICA, INC., US
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[54] **MOBILE UNIT FOR THE DILUTION, STORAGE AND DISTRIBUTION OF CLEANING PRODUCTS**
[54] **UNITE MOBILE DE DILUTION, STOCKAGE ET DISTRIBUTION DE PRODUITS DE NETTOYAGE**
[72] PETRIGNET, OLIVIER, FR
[71] PRODIM, FR
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[54] **SAFETY CAP ASSEMBLY AND A PRESSURE COOKER PROVIDED THEREWITH**
[54] **ASSEMBLAGE DE CAPUCHON DE SECURITE ET AUTOCUISEUR COMPORTANT LEDIT ASSEMBLAGE**
[72] HASEGAWA, TOM HIROSHI, US
[71] HASEGAWA, TOM HIROSHI, US
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[54] **CULTURE CONTAINER, AND SYSTEM AND METHOD OF TRANSFERRING A CULTURED ORGANISM BETWEEN CULTURE CONTAINERS**
[54] **CONTENANT DE CULTURE, ET SYSTEME ET METHODE DE TRANSFERT D'UN ORGANISME CULTIVE ENTRE LES CONTENANTS DE CULTURE**
[72] TSAO, CHIA-KANG, CN
[71] DROBOT BIOTECHNOLOGY LIMITED COMPANY, CN
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[54] **METHODS AND APPARATUS FOR CLEANSING AND PACKAGING MEDICAL INSTRUMENTS OR THE LIKE**
[54] **METHODES ET APPAREIL DE NETTOYAGE ET EMBALLAGE D'INSTRUMENTS MEDICAUX OU AUTRE SEMBLABLE**
[72] ALTMANN, ANDRES CLAUDIO, IL
[72] GOVARI, ASSAF, IL
[72] EPHRATH, YARON, IL
[71] BIOSENSE WEBSTER (ISRAEL), LTD., IL
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[54] **ENGINE ASSEMBLY WITH A DEDICATED VOLTAGE BUS**
[54] **ASSEMBLAGE DE MOTEUR A BUS DE TENSION DEDIE**
[72] THOMASSIN, JEAN, CA
[72] TAILLON, ERIC, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[54] **TREE PROTECTION SYSTEM**
[54] **SYSTEME DE PROTECTION D'ARBRE**
[72] REACH, JAMES DOUGLAS, US
[72] REACH, DOUGLAS MICHAEL, US
[71] REACH SUPPLIES, LLC, US
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[54] **DRILL CUTTINGS REUSE IN ROOFING MATERIALS**
[54] **REUTILISATION DE RESIDUS DE FORAGE DANS LES MATERIAUX DE TOITURE**
[72] STEGER, GREGORY, CA
[72] COSTON, BRIAN, CA
[72] ROSS, STAN, CA
[71] RECOVER ENERGY SERVICES INC., CA
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[54] **MEDICAL TOOL PUNCTURE WARNING METHOD AND APPARATUS**
[54] **METHODE D'AVERTISSEMENT DE PERCAGE DESTINEE A UN OUTIL MEDICAL ET APPAREIL**
[72] DEKEL, ZVI, IL
[72] ZOABI, AKRAM, IL
[72] ZRIHEM, YANIV BEN, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[54] **METHOD OF LIMITING PERMEABILITY OF A MATRIX TO LIMIT LIQUID AND/OR GAS INFLOW**
[54] **METHODE DE LIMITATION DE LA PERMEABILITE D'UNE MATRICE POUR LIMITER L'ENTREE DE LIQUIDE OU DE GAZ**
[72] VAN DYK, DEON, US
[72] GROBLER, NICO J., US
[71] RELBORGN PTY LTD, AU
[71] TRIOMVIRI PTY LTD, AU
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[54] **LED LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE DEL**
[72] SHAN, XINXIN, CA
[71] LED SMART INC., CA
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[54] **FIBER OPTICAL TERMINAL CROSS CONNECT CLOSURE**
[54] **FERMETURE DE CONNEXION TRANSVERSALE DE TERMINAL DE FIBRE OPTIQUE**
[72] KAPLAN, STEVEN E., US
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[54] **SYSTEM AND METHOD TO REDUCE EDDY CURRENT ARTIFACTS IN MAGNETIC RESONANCE IMAGING**
[54] **SYSTEME ET METHODE DE REDUCTION DES ARTEFACTS DE COURANT DE FOUCAULT DANS L'IMAGERIE PAR RESONNANCE MAGNETIQUE**
[72] STAINSBY, JEFF ALAN, CA
[72] HARRIS, CHAD TYLER, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[54] **METHODS AND SYSTEMS FOR CONJUGATED AUTHENTICATION AND AUTHORIZATION**
[54] **METHODES ET SYSTEMES D'AUTHENTIFICATION ET AUTORISATION CONJUGUEES**
[72] MOUFTAH, HUSSEIN TALAAT, CA
[72] VAIDYA, BINOD, CA
[72] ADAMS, CARLISLE, CA
[71] MOUFTAH, HUSSEIN TALAAT, CA
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[54] **DEVICE FOR REDUCING THE SIZE OF FEED MATERIAL AND METHOD FOR OPERATING A SIZE REDUCTION DEVICE OF THIS TYPE**
[54] **APPAREIL DE REDUCTION DE LA TAILLE DE LA MATIERE D'ALIMENTATION ET METHODE D'EXPLOITATION D'UN APPAREIL DE REDUCTION DE TAILLE DE CE TYPE**
[72] WEICHERDING, HANS-GEORG, DE
[71] PALLMAN MASCHINENFABRIK GMBH & CO. KG, DE
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[25] EN
[54] **DIGITAL PROCESSING DEVICE WITH HIGH CONNECTIVITY AND INCOMING/OUTGOING THROUGHPUT EMBEDDED ABOARD A SPACE PLATFORM AND SPLIT UP INTO MUTUALLY INTERCONNECTED MODULAR PROCESSING ISLETS WHICH ARE REMOTE FROM ONE ANOTHER ON THE SCALE OF THE PLATFORM**
[54] **DISPOSITIF DE TRAITEMENT NUMERIQUE A CONNECTIVITE ELEVEE ET DEBIT DE TRAITEMENT ENTRANT/SORTANT EMBARQUE SUR UNE PLATEFORME SPATIALE ET DIVISE EN ILOTS DE TRAITEMENT MODULAIRE INTERCONNECTES MUTUELLEMENT QUI SONT ELOIGNES LES UNS DES AUTRES A L'ECHELLE DE LA PLATEFORME**
[72] GACHON, HELENE, FR
[72] VENET, NORBERT, FR
[71] THALES, FR
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[54] **DEVICE AND SYSTEM FOR GAS INJECTION IN AND EXTRACTION FROM A BUILDING STRUCTURE**
[54] **DISPOSITIF ET SYSTEME D'INJECTION ET D'EXTRACTION DE GAZ D'UNE STRUCTURE DE BATIMENT**
[72] BLAIS, JEAN-PIERRE, CA
[72] LAVOIE, MARIO, CA
[72] BLAIS, GUILLAUME, CA
[72] IBARRA, CLEMENTE, CA
[71] ASSEK TECHNOLOGIE, CA
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[54] **HOSE INNER LAYER FORMED OF ECO BLENDED WITH NBR/PVC**
[54] **COUCHE INTERIEURE DE TUYAU FORME D'ECO MELANGE A DU NBR/PVC**
[72] BURROWES, THOMAS GEORGE, US
[72] RONG, GUANGZHUO, US
[71] CONTITECH USA, INC., US
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[54] **DOOR HANDING ASSEMBLY FOR ELECTROMECHANICAL LOCKS**
[54] **ASSEMBLAGE DE POIGNEE DE PORTE DESTINE A DES VERROUS ELECTROMAGNETIQUES**
[72] BECK, CHASEN, US
[71] SPECTRUM BRANDS, INC., US
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[54] **RECIPIENT**
[72] DOYLE, KELLY PAUL, US
[72] GRIFFIN, MICHAEL PATRICK, US
[71] BERRY GLOBAL, INC., US
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[54] **ENHANCED KNUCKLE-JOINTED LANCE USEFUL FOR INTERNAL CLEANING AND INSPECTION OF TUBULARS**
[54] **LANCE A JOINT A ROTULE AMELIOREE DESTINEE AU NETTOYAGE ET A L'INSPECTION DE L'INTERIEUR DES TUBULURES**
[72] THOMAS, WILLIAM C., US
[71] THOMAS ENGINEERING SOLUTIONS & CONSULTING, LLC, US
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[25] EN
[54] **METHOD AND SYSTEM FOR USING A PLURALITY OF ACCOUNTS IN AN INSTANT MESSAGING APPLICATION**
[54] **METHODE ET SYSTEME D'UTILISATION D'UNE PLURALITE DE COMPTES DANS UNE APPLICATION DE MESSAGERIE INSTANTANEE**
[72] ADILIPOUR, SAHAND, CA
[72] MOUSAVI GHANAVATI, SEYED PARSA, CA
[71] MAGNIFICUS SOFTWARE INC., CA
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[54] **METHODS OF RECOVERING HYDROCARBONS FROM A SUBSURFACE ZONE**
[54] **METHODES DE RECUPERATION D'HYDROCARBURES D'UNE ZONE SUBSUPERFICIELLE**
[72] KAMINSKY, ROBERT D., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[25] EN
[54] **INTEGRAL NAIL/DISK STRUCTURE FOR ELIMINATING EXPOSED ROOF NAILS**
[54] **STRUCTURE INTEGRALE DE CLOU/DISQUE SERVANT A ELIMINER LES CLOUS DE TOITURE EXPOSES**
[72] MATHIESON, THOMAS R., US
[71] MATHIESON, THOMAS R., US
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[54] **METHOD FOR SUPPLYING CUTTING OIL**
[54] **METHODE DE DISTRIBUTION D'HUILE DE COUPE**
[72] TAKAKUWA, HIROAKI, JP
[72] HIROSE, RYUJI, JP
[72] ARAKAWA, HIROSHI, JP
[71] MATSUURA MACHINERY CORPORATION, JP
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[54] **METHODS FOR ENHANCING FEMALE ORGASM**
[54] **METHODES D'AMELIORATION DE L'ORGASME FEMININ**
[72] GORDON, ROBERT, CA
[71] GORDON, ROBERT, CA
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[54] **SYSTEME HYDROPONIQUE ET METHODE**
[72] GHESHLAGHI, NADER, CA
[72] PANCHAL, MALAY, CA
[72] SAWANT, VISHWAS, CA
[71] PURESINSE INC., CA
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[54] **SEE-THROUGH BASED DISPLAY METHOD AND SYSTEM FOR SIMULATORS**
[54] **METHODE D'AFFICHAGE FONDE SUR LA TRANSPARENCE ET SYSTEME DE SIMULATEURS**
[72] GIGUERE, GHISLAIN, CA
[72] KOVATS, DAVID, CA
[72] GAGNON, MATHIEU, CA
[72] MILLETTE, ALEXANDRE, CA
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[54] **SHOWER DOOR FRAME AND SHOWER DOOR**
[54] **CADRE DE PORTE DE DOUCHE ET PORTE DE DOUCHE**
[72] WEI, WUXIANG, CN
[71] IDEAL SANITARY WARE CO., LTD., CN
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[25] EN
[54] **METHODS AND SYSTEMS FOR CORRECTING, BASED ON SPEECH, INPUT GENERATED USING AUTOMATIC SPEECH RECOGNITION**
[54] **METHODES ET SYSTEMES DE CORRECTION, FONDEE SUR LA PAROLE, D'ENTREE GENEREE AU MOYEN DE LA RECONNAISSANCE AUTOMATIQUE DE LA PAROLE**
[72] SREEDHARA, ARUN, IN
[71] ROVI GUIDES, INC., US
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[54] **SOLAR CELL COMPONENT AND SOLAR PANEL**
[54] **COMPOSANTE DE PILE SOLAIRE ET PANNEAU SOLAIRE**
[72] YANG, SHENG, CN
[72] SUN, SHIYANG, CN
[72] ZHANG, TIEYI, CN
[72] LIU, HONGGANG, CN
[72] WEN, ZHENXING, CN
[71] MIASOLE PHOTOVOLTAIC TECHNOLOGY CO., LTD., CN
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[25] EN
[54] **THIN-FILM DOUBLE-GLAZED PHOTOVOLTAIC MODULE AND FABRICATION METHOD THEREOF**
[54] **MODULE PHOTOVOLTAIQUE A DOUBLE VITRAGE ET FILM MINCE, ET METHODE DE FABRICATION ASSOCIEE**
[72] ZHANG, JINCHUN, CN
[71] MIASOLE PHOTOVOLTAIC TECHNOLOGY CO., LTD., CN
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[86] 2017-12-29 (PCT/CN2017/119661)
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[54] **UNTENSIL DISPENSER SYSTEM**
[54] **SYSTEME DE DISTRIBUTEUR D'USTENSILES**
[72] HUBBARD, ROBERT F., US
[71] HUBBARD, ROBERT F., US
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[54] **SYSTEME PORTATIF AMELIORE POUR UN BALAYAGE TRIDIMENSIONNEL AVEC UN TELEPHONE INTELLIGENT**
[72] FERRETTI, DANIELE, CH
[72] BARUZZI, MARCO, CH
[72] BIONDI, ANDREA, CH
[71] INGENERA SA, CH
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[25] EN
[54] **HIGH MANGANESE STEEL PIPE WITH STEP-OUT WELD ZONE EROSION-CORROSION RESISTANCE AND METHOD OF MAKING THE SAME**
[54] **TUYAU EN ACIER A HAUTE TENEUR EN MANGANESE AVEC RESISTANCE A L'EROSION ET A LA CORROSION DE ZONE DE SOUDAGE D'EXTENSION ET SON PROCEDE DE REALISATION**
[72] JIN, HYUNWOO, US
[72] MA, NING, US
[72] OZEKCIN, ADNAN, US
[72] WASSON, ANDREW J., US
[72] FAIRCHILD, DOUGLAS P., US
[72] HAN, IIWOOK, KR
[72] LEE, SANGCHUL, KR
[72] LEE, BONGKEUN, KR
[72] LEE, JONGSUB, KR
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[71] POSCO, KR
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[54] **RADIO FREQUENCY ENERGY HARVESTING APPARATUS AND METHOD FOR UTILIZING THE SAME**
[54] **APPAREIL DE COLLECTE D'ENERGIE DE RADIOFREQUENCE ET SON PROCEDE D'UTILISATION**
[72] SALMAN, EMRE, US
[72] STANACEVIC, MILUTIN, US
[72] WAN, TUTU, US
[72] KARIMI, YASHA, US
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
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[25] EN
[54] **A TYRE COMPRISING HYDROTHERMALLY CARBONIZED LIGNIN**
[54] **PNEU COMPRENANT DE LA LIGNINE CARBONISEE DE MANIERE HYDROTHERMALE**
[72] LAHTINEN, MIKA, FI
[72] OJALA, ANNE, FI
[72] MYLLYMAA, HARRI, FI
[72] MOISIO, HARRI, FI
[72] KEMPPAINEN, NOORA, FI
[71] NOKIAN RENKAAT OYJ, FI
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[25] EN
[54] **PYRIDINYL DERIVATIVES, PHARMACEUTICAL COMPOSITIONS AND USES THEREOF AS AOC3 INHIBITORS**
[54] **DERIVES DE PYRIDINYLE, COMPOSITIONS PHARMACEUTIQUES ET UTILISATIONS DE CEUX-CI EN TANT QU'INHIBITEURS D'AOC3**
[72] BLUM, ANDREAS, DE
[72] GODBOUT, CEDRICKX, DE
[72] HEHN, JOERG P., DE
[72] PETERS, STEFAN, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2018-11-09
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[25] EN
[54] **SYNTHETIC MATERIAL FOR DETECTING ULTRAVIOLET RADIATION AND/OR X-RADIATION**
[54] **MATERIAU SYNTHETIQUE POUR DETECTER LES RAYONS ULTRAVIOLETS ET/OU LES RAYONS X**
[72] LASTUSAARI, MIKA, FI
[72] NORRBO, ISABELLA, FI
[71] TURUN YLIOPISTO, FI
[85] 2018-11-09
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[54] **METHOD AND PLANT FOR PRODUCING HOLLOW MICROSPHERES MADE OF GLASS**
[54] **PROCEDE ET INSTALLATION DESTINES A LA FABRICATION DE MICROSPHERES CREUSES EN VERRE**
[72] WEINBERGER, KARL, DE
[72] NEIDHARDT, WOLFRAM, DE
[71] DENNERT PORAVER GMBH, DE
[85] 2018-11-09
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[54] **COMBINATION OF PURE 5-HT6 RECEPTOR ANTAGONISTS WITH NMDA RECEPTOR ANTAGONIST**
[54] **COMBINAISON D'ANTAGONISTES PURS DES RECEPTEURS 5-HT6 ET D'UN ANTAGONISTE DES RECEPTEURS NMDA**
[72] NIROGI, RAMAKRISHNA, IN
[72] SHINDE, ANIL KARBHARI, IN
[72] JAYARAJAN, PRADEEP, IN
[72] BHYRAPUNENI, GOPINADH, IN
[72] KAMBHAMPATI, RAMASASTRI, IN
[72] JASTI, VENKATESWARLU, IN
[71] SUVEN LIFE SCIENCES LIMITED, IN
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[51] **Int.Cl. A23L 2/00 (2006.01) C12G 3/06 (2006.01)**
[25] EN
[54] **LEMON-FLAVORED BEVERAGE, LEMON-FLAVORED BEVERAGE BASE, METHOD FOR PRODUCING LEMON-FLAVORED BEVERAGE, METHOD FOR PRODUCING LEMON-FLAVORED BEVERAGE BASE, AND METHOD FOR IMPROVING FLAVOR OF LEMON-FLAVORED BEVERAGE**
[54] **BOISSON AROMATISEE AU CITRON, BASE DE BOISSON AROMATISEE AU CITRON, PROCEDE DE FABRICATION D'UNE BOISSON AROMATISEE AU CITRON, PROCEDE DE FABRICATION D'UNE BASE DE BOISSON AROMATISEE AU CITRON ET PROCEDE D'AMELIORATION DU GOUT D'UNE BOISSON AROMATISEE AU CITRON**
[72] MARUYAMA, KAZUKI, JP
[72] TAKATERA, KOJI, JP
[71] SAPPORO HOLDINGS LIMITED, JP
[85] 2018-11-09
[86] 2017-02-24 (PCT/JP2017/007255)
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[51] **Int.Cl. A61N 1/375 (2006.01) A61N 1/37 (2006.01)**
[25] EN
[54] **HOUSING COMPONENT AND METHOD FOR MANUFACTURING SAME**
[54] **ELEMENT DE BOITIER ET PROCEDE DE FABRICATION DE CET ELEMENT**
[72] WINKLER, SEBASTIAN, DE
[72] EDELMANN, JAN, DE
[72] MANTHEI, PATRICK, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **CIBLAGE THERAPEUTIQUE DE STRUCTURES NON CELLULAIRES**
[72] KLEY, NIKOLAI, US
[72] TAVERNIER, JAN, BE
[72] HUYGHE, LEANDER, BE
[72] CAUWELS, ANJE, BE
[71] ORIONIS BIOSCIENCES NV, BE
[71] VIB VZW, BE
[71] UNIVERSITEIT GENT, BE
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[25] EN
[54] **TARGETED MUTANT INTERFERON-BETA AND USES THEREOF**
[54] **INTERFERON BETA MUTANT CIBLE, ET UTILISATIONS ASSOCIEES**
[72] KLEY, NIKOLAI, US
[72] TAVERNIER, JAN, BE
[72] PEELMAN, FRANK, BE
[71] ORIONIS BIOSCIENCES NV, BE
[71] VIB VZW, BE
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[30] US (62/336,020) 2016-05-13

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 47/26 (2006.01)**
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[54] **PALPABLE MARKER COMPOSITION**
[54] **COMPOSITION DE MARQUAGE PALPABLE**
[72] ANDRESEN, THOMAS LARS, DK
[72] IRMING JOLCK, RASMUS, DK
[72] BRUUN, LINDA MARIA, DK
[71] TECHNICAL UNIVERSITY OF DENMARK, DK
[71] NANOVI RADIOTHERAPY APS, DK
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[25] EN
[54] **STABILITY AND MOUTHFEEL ENHANCEMENT OF FORTIFIED, ASEPTICALLY PROCESSED BEVERAGES**
[54] **AMELIORATION DE LA STABILITE ET DE LA SENSATION EN BOUCHE DE BOISSONS ENRICHIES, TRAITEES DE MANIERE ASEPTIQUE**
[72] VAGHELA, MADANSINH NATHUSINH, US
[72] SHER, ALEXANDER, US
[72] SLOCUM, SHERRI ANN, US
[72] REYO, JOSHUA, US
[71] NESTEC S.A., CH
[85] 2018-11-09
[86] 2017-06-21 (PCT/EP2017/065210)
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[54] **ANTAGONISTIC ANTI-TUMOR NECROSIS FACTOR RECEPTOR SUPERFAMILY ANTIBODIES**
[54] **ANTICORPS ANTAGONISTES DE LA SUPERFAMILLE DU RECEPTEUR DU FACTEUR DE NECROSE CONTRE LES TUMEURS**
[72] FAUSTMAN, DENISE L., US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[54] **MATERIAU CHOCOLATE AERE**
[72] GERMAN, JAMEY, GB
[72] VIEIRA, JOSELIO BATISTA, GB
[71] NESTEC S.A., CH
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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] **AUTOMATIC WOUND COUPLING DETECTION IN NEGATIVE PRESSURE WOUND THERAPY SYSTEMS**
[54] **DETECTION AUTOMATIQUE D'UN ACCOUPLEMENT A UNE PLAIE DANS DES SYSTEMES DE THERAPIE DE PLAIES PAR PRESSION NEGATIVE**
[72] HARTWELL, EDWARD YERBURY, GB
[72] QUINTANAR, FELIX C., GB
[72] DE VILLIERS, JASON, GB
[71] SMITH & NEPHEW, INC., US
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[25] EN
[54] **ADHESIVE-BACKED COMPOSITE INSULATION BOARDS WITH VACUUM-INSULATED CAPSULES**
[54] **PANNEAUX D'ISOLATION COMPOSITES A REVERS ADHESIF AVEC DES CAPSULES ISOLEES SOUS VIDE**
[72] HUBBARD, MICHAEL J., US
[72] LETTS, JOHN B., US
[72] YAO, CHUNHUA, US
[71] FIRESTONE BUILDING PRODUCTS CO., LLC, US
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[86] 2017-05-15 (PCT/US2017/032610)
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[51] **Int.Cl. F41B 13/02 (2006.01) A63B 69/02 (2006.01)**
[25] EN
[54] **FENCING WEAPON WITH KIT AND METHOD TO ILLUMINATE THE SAME**
[54] **ARME D'ESCRIME AVEC KIT ET PROCEDE D'ECLAIRAGE DE CELLE-CI**
[72] ABBATESCIANNI, GIROLAMO, IT
[72] ARMELIN, RENZO, IT
[71] ABBATESCIANNI, GIROLAMO, IT
[71] ARMELIN, RENZO, IT
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[51] **Int.Cl. C07D 213/803 (2006.01) C07F 5/02 (2006.01)**
[25] EN
[54] **SYNTHESIS OF 6-ARYL-4-AMINOPICOLINATES AND 2-ARYL-6-AMINOPYRIMIDINE-4-CARBOXYLATES BY DIRECT SUZUKI COUPLING**
[54] **SYNTHESE DE 6-ARYL-4-AMINOPICOLINATES ET DE 2-ARYL-6-AMINOPYRIMIDINE-4-CARBOXYLATES PAR COUPLAGE DIRECT DE SUZUKI**
[72] FISK, JASON S., US
[72] LI, XIAOYONG, US
[72] MUEHLFELD, MARK, US
[72] BAUMAN, ROBERT S., US
[72] OPPENHEIMER, JOSSIAN, US
[72] TU, SIYU, US
[72] NITZ, MARK A., US
[72] CHAKRABARTI, REETAM, US
[72] FEIST, SHAWN D., US
[72] RINGER, JAMES W., US
[72] LENG, RONALD B., US
[71] DOW AGROSCIENCES LLC, US
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[30] US (62/338562) 2016-05-19
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[51] **Int.Cl. B41F 33/00 (2006.01) B41F 17/00 (2006.01) B41F 17/22 (2006.01)**
[25] EN
[54] **DECORATED METALLIC BEVERAGE CONTAINER BODY INSPECTION APPARATUS**
[54] **APPAREIL D'INSPECTION DE DECORATEUR DE CORPS DE CONTENANT DE BOISSON METALLIQUE DECORE**
[72] LEITZEN, DOUGLAS, US
[72] PEREZ, ROBERT P., US
[72] SLUIS, JAMES E., III, US
[72] KITOWSKI, THOMAS, US
[72] BAUNE, ERIC D., US
[71] REXAM BEVERAGE CAN COMPANY, US
[85] 2018-11-09
[86] 2017-05-19 (PCT/US2017/033527)
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[30] US (15/159,060) 2016-05-19

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[51] **Int.Cl. B65D 41/04 (2006.01) B65D 41/06 (2006.01) B65D 43/02 (2006.01)**
[25] EN
[54] **CONTAINER ASSEMBLIES INCLUDING METAL CLOSURES AND THERMOPLASTIC CONTAINERS AND METHODS OF HOT-FILLING FOOD AND BEVERAGE PRODUCTS**
[54] **ENSEMBLES RECIPIENTS COMPRENANT DES FERMETURES METALLIQUES ET RECIPIENTS THERMOPLASTIQUES ET PROCEDES DE REMPLISSAGE A CHAUD DE PRODUITS ALIMENTAIRES ET DE BOISSON**
[72] DOERR, STEPHEN M., US
[71] SNAPPLE BEVERAGE CORP., US
[85] 2018-11-09
[86] 2017-05-10 (PCT/US2017/031973)
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[30] US (62/334,209) 2016-05-10
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[51] **Int.Cl. A63C 1/32 (2006.01) A63B 69/00 (2006.01)**
[25] EN
[54] **METHODS OF CUSTOMIZING ICE BLADES AND THEIR USE**
[54] **PROCEDES DE PERSONNALISATION DE LAMES DE GLACE ET LEUR UTILISATION**
[72] CHAN, NATHAN, CA
[72] MARTIN, STEVE, CA
[72] GONZALEZ, JAIME A., CA
[72] DI PIETRO, EMIDIO, CA
[72] DI PIETRO, TONY, CA
[72] REID, TANYA JESSICA, CA
[71] SKATESCRIBE CORPORATION, CA
[85] 2018-11-09
[86] 2016-11-15 (PCT/CA2016/000282)
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[30] CA (2,930,079) 2016-05-12

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[51] **Int.Cl. G06F 21/12 (2013.01) G06F 21/51 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DYNAMIC EXECUTABLE VERIFICATION**
[54] **PROCEDE ET APPAREIL DE VERIFICATION EXECUTABLE DYNAMIQUE**
[72] ANDERSON, LEX AARON, NZ
[71] ARRIS ENTERPRISES LLC, US
[85] 2018-11-09
[86] 2017-05-09 (PCT/US2017/031652)
[87] (WO2017/196777)
[30] US (62/333,332) 2016-05-09
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[51] **Int.Cl. A63B 17/04 (2006.01) A63B 5/11 (2006.01) A63B 71/02 (2006.01) A63G 9/00 (2006.01) A63G 31/00 (2006.01) E04F 10/00 (2006.01) E04H 15/00 (2006.01)**
[25] EN
[54] **MODULAR PLAY SET**
[54] **ENSEMBLE DE JEU MODULAIRE**
[72] ANDON, JOE, AU
[71] VULY IP HOLDINGS NO. 2 PTY LTD, AU
[85] 2018-11-13
[86] 2017-05-18 (PCT/AU2017/050462)
[87] (WO2017/197458)
[30] AU (2016901846) 2016-05-18
[30] AU (2016902075) 2016-05-31
[30] AU (2017900478) 2017-02-15
[30] AU (2017900679) 2017-02-28

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[54] **BATTERY CONNECTOR**
[54] **CONNECTEUR DE BATTERIE**
[72] BOUCHER, GILLES, CA
[71] TERMACO LTEE, CA
[85] 2018-11-13
[86] 2017-06-01 (PCT/CA2017/050667)
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[30] US (62/344,175) 2016-06-01

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[51] **Int.Cl. H04N 7/18 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TRACKING A PLURALITY OF COMMUNICATION DEVICES**
[54] **PROCEDE ET SYSTEME DE SUIVI D'UNE PLURALITE DE DISPOSITIFS DE COMMUNICATION**
[72] CAO, LAN-JIAN, CN
[72] DU, QUAN-WEN, CN
[72] SABRIPOUR, SHERVIN, US
[72] ZHENG, JI-FENG, CN
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2018-11-13
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[51] **Int.Cl. A61F 13/00 (2006.01) A41B 15/00 (2006.01) A41D 13/11 (2006.01) A41D 19/00 (2006.01) A47K 7/08 (2006.01) A47K 10/16 (2006.01) A61K 8/02 (2006.01) D21H 27/00 (2006.01)**
[25] EN
[54] **HYGIENIC TISSUE**
[54] **SERVIETTE HYGIENIQUE**
[72] REDDY, USHA P., US
[72] REDDY, TRISHA, US
[72] REDDY, SARA RANI, US
[71] REDDYCARE, LLC, US
[85] 2018-11-09
[86] 2017-05-10 (PCT/US2017/031986)
[87] (WO2017/196996)
[30] US (62/333,942) 2016-05-10
[30] US (62/423,657) 2016-11-17

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[51] **Int.Cl. C07C 7/09 (2006.01) C07C 9/14 (2006.01) C07C 9/15 (2006.01) C10G 1/00 (2006.01) C10G 3/00 (2006.01) C10G 11/10 (2006.01) C10G 49/02 (2006.01) C10G 49/04 (2006.01)**
[25] EN
[54] **BIORENEWABLE KEROSENE, JET FUEL, JET FUEL BLENDSTOCK, AND METHOD OF MANUFACTURING**
[54] **KEROSENE BIORENOUVELABLE, CARBURANT DE TURBO MOTEUR, MELANGE DE CARBURANT DE TURBO MOTEUR ET PROCEDE DE FABRICATION**
[72] ABHARI, RAMIN, US
[72] SLADE, DAVID A., US
[72] TOMLINSON, H. LYNN, US
[72] ASHBY, ERIK, US
[72] GREEN, NATE, US
[72] GOLDEN, CAROLINE, US
[71] REG SYNTHETIC FUELS, LLC, US
[85] 2018-11-09
[86] 2017-05-10 (PCT/US2017/032009)
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[54] **PROCEDE ET APPAREIL DE PREDICTION D'UN BESOIN DE TRANSFUSION SANGUINE**
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[72] YANG, SHIMING, US
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[72] HJELMGAARD, THOMAS, DK
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[72] CHEN, MU-KUEI, CN
[72] CHEN, TSANG-TSE, CN
[72] FU, CHAI-HUI, CN
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[54] **ANALOGUE DE TRIFLUOROETHYL QUINOLINE SPECIFIQUE DESTINE A ETRE UTILISE DANS LE TRAITEMENT DU SYNDROME DE PI3K-DELTA ACTIVEE**
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[72] ARMSTRONG, MARTIN JOHN, BE
[72] CAVAZZANA, MARINA, FR
[72] KRACKER, SVEN, FR
[72] MCHALE, DUNCAN PHILIP, GB
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[72] MA, JIANGLEI, CA
[72] AU, KELVIN KAR KIN, CA
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[54] **POLYTHERAPIE ANTICANCEREUSE**
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[72] SCHMIED, BASTIAN JULIUS, DE
[72] MAURER, STEFANIE, DE
[72] SALIH, HELMUT, DE
[71] PROBIOCON GMBH, CH
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[54] **ANTICORPS ANTI-ROR2, FRAGMENTS D'ANTICORPS, LEURS IMMUNOCONJUGUES ET UTILISATIONS CORRESPONDANTES**
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[72] CHANG, HWAI WEN, US
[72] FREY, GERHARD, US
[71] BIOATLA, LLC, US
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[71] CHECKMAB S.R.L., IT
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[54] **SYSTEMS AND METHODS FOR EMERGENCY COMMUNICATIONS**
[54] **SYSTEMES ET PROCEDES DE COMMUNICATION D'URGENCE**
[72] MEHTA, ANIL, US
[72] MARTIN, MICHAEL JOHN, US
[72] HORELIK, NICHOLAS EDWARD, US
[72] EKL, REINHARD, US
[71] RAPIDSOS, INC., US
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[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 10/08 (2012.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING THE CONDITION OF MERCHANDISE LOADED ON A DELIVERY VEHICLE**
[54] **SYSTEMES ET PROCEDES DESTINES A SURVEILLER L'ETAT DE MARCHANDISES CHARGEE DANS UN VEHICULE DE LIVRAISON**
[72] MILLHOUSE, ANDREW B., US
[72] BURLESON, TIMOTHY J., US
[72] MEREDITH, JOHN S., US
[71] WALMART APOLLO, LLC, US
[85] 2018-11-09
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[25] EN
[54] **COMBINATION OF ANTI-PD-1 ANTIBODIES AND RADIATION TO TREAT CANCER**
[54] **COMBINAISON D'ANTICORPS ANTI-PD-1 ET DE RAYONNEMENT POUR TRAITER LE CANCER**
[72] SKOKOS, DIMITRIS, US
[72] LOWY, ISRAEL, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2018-11-09
[86] 2017-05-12 (PCT/US2017/032397)
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[30] US (62/350,305) 2016-06-15
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[25] EN
[54] **METHODS OF TREATING SKIN CANCER BY ADMINISTERING A PD-1 INHIBITOR**
[54] **PROCEDES DE TRAITEMENT DU CANCER DE LA PEAU PAR ADMINISTRATION D'UN INHIBITEUR DE PD-1**
[72] LOWY, ISRAEL, US
[72] SIMS, TASHA N., US
[72] FURY, MATTHEW G., US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2018-11-09
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[30] US (62/350,305) 2016-06-15
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[25] EN
[54] **METHOD AND APPARATUS FOR VIDEO CODING WITH ADAPTIVE CLIPPING**
[54] **PROCEDE ET APPAREIL DE CODAGE VIDEO AVEC DECOUPAGE ADAPTATIF**
[72] GALPIN, FRANCK, FR
[72] RACAPE, FABIEN, FR
[72] BORDES, PHILIPPE, FR
[71] INTERDIGITAL VC HOLDINGS, INC., US
[85] 2018-11-13
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[25] EN
[54] **METHODS AND APPARATUSES FOR POWER HEADROOM TRANSMISSION IN A WIRELESS DEVICE AND WIRELESS NETWORK**
[54] **PROCEDES ET APPAREILS DE TRANSMISSION DE MARGE DE PUISSANCE DANS UN DISPOSITIF SANS FIL ET UN RESEAU SANS FIL**
[72] DINAN, ESMAEL, US
[71] OFINNO TECHNOLOGIES, LLC, US
[85] 2018-11-09
[86] 2017-05-26 (PCT/US2017/034777)
[87] (WO2017/205797)
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[54] **LOCKING ADJUSTABLE HEADPLATE WITH MOTION RESTRICTOR FOR ADJUSTABLE SADDLE TREE**
[54] **PLAQUE DE TETE DE VERROUILLAGE REGLABLE DOTEE DE LIMITEUR DE MOUVEMENT POUR ARCON DE SELLE REGLABLE**
[72] STRAUSS, ISIDORE, US
[71] INTEC CORPORATION, US
[85] 2018-11-09
[86] 2017-05-12 (PCT/US2017/032452)
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[25] EN
[54] **RECOVERING LONG-RANGE LINKAGE INFORMATION FROM PRESERVED SAMPLES**
[54] **RECUPERATION D'INFORMATIONS DE LIAISON DE LONGUE PORTEE A PARTIR D'ECHANTILLONS CONSERVES**
[72] TROLL, CHRISTOPHER JOHN, US
[72] POWERS, MARTIN P., US
[72] PUTNAM, NICHOLAS H., US
[72] BLANCHETTE, MARCO, US
[72] HARTLEY, PAUL, US
[71] DOVETAIL GENOMICS LLC, US
[85] 2018-11-09
[86] 2017-05-12 (PCT/US2017/032466)
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[30] US (62/336,252) 2016-05-13
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[54] **VISUAL WORKFLOW MODEL**
[54] **MODELE DE FLUX DE TRAVAUX VISUEL**
[72] LAETHAM, JARED, US
[72] THOMPSON, FRANCES DENISE, US
[72] NELSON, HARRY THOMAS, US
[72] SARBORA, RUSSELL SAMUEL, US
[72] GREER, BENJAMIN NICKLAUS, US
[71] SERVICENOW, INC., US
[85] 2018-11-09
[86] 2017-05-12 (PCT/US2017/032496)
[87] (WO2017/197319)
[30] US (62/335,942) 2016-05-13
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[25] EN
[54] **APPLYING NETWORK POLICIES TO DEVICES BASED ON THEIR CURRENT ACCESS NETWORK**
[54] **APPLICATION DE POLITIQUES DE RESEAU A DES DISPOSITIFS EN SE BASANT SUR LEUR RESEAU D'ACCES ACTUEL**
[72] MARTINI, PAUL MICHAEL, US
[72] MARTINI, PETER ANTHONY, US
[71] IBOSS, INC., US
[85] 2018-11-09
[86] 2017-05-12 (PCT/US2017/032533)
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[25] EN
[54] **METHODS FOR SELECTIVE EXPANSION OF .GAMMA..DELTA. T-CELL POPULATIONS AND COMPOSITIONS THEREOF**
[54] **PROCEDES DE MULTIPLICATION SELECTIVE DE POPULATIONS DE LYMPHOCYTES T G? ET COMPOSITIONS ASSOCIEES**
[72] JAKOBOVITS, AYA, US
[72] FOORD, ORIT, US
[72] LIN, ANDY AN-DEH, US
[72] SANTAGUIDA, MARIANNE THERESA, US
[72] DESAI, RADHIKA CHETAN, US
[72] JING, YIFENG FRANK, US
[72] SATPAYEV, DAULET KADYL, US
[72] LI, YAN, US
[71] ADICET BIO, INC., US
[85] 2018-11-09
[86] 2017-05-12 (PCT/US2017/032530)
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[25] EN
[54] **GLYPHOSATE-RESISTANT GENE SCREENING METHOD, EPSPS MUTANT GENE AND DEFICIENT STRAIN AND USE**
[54] **PROCEDE DE CRIBLAGE DE GENES RESISTANTS AU GLYPHOSATE, GENE MUTANT EPSPS ET SOUCHE DEFICIENTE ET UTILISATION**
[72] WANG, BOYA, CN
[72] LU, YUANGEN, CN
[72] XU, NANFEI, CN
[71] GEVOTO LLC, CN
[85] 2018-11-13
[86] 2016-05-17 (PCT/CN2016/082409)
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[51] **Int.Cl. F04B 47/02 (2006.01) F04B 47/06 (2006.01) F04B 49/06 (2006.01) F04D 13/08 (2006.01)**
[25] EN
[54] **METHOD FOR IDENTIFYING SNORING**
[54] **PROCEDE D'IDENTIFICATION DE RONFLEMENT**
[72] ZHONG, ZHIYONG, SE
[71] XYLEM IP MANAGEMENT S.A R.L., LU
[85] 2018-11-13
[86] 2017-05-10 (PCT/EP2017/061153)
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[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING AND MANAGING MARINE RISER ASSETS**
[54] **SYSTEMES ET PROCEDES POUR CONTROLER ET GERER DES ARTICLES DE COLONNE MONTANTE MARINE**
[72] DIGHE, KAUSTUBH V., US
[71] DIGHE, KAUSTUBH V., US
[85] 2018-11-09
[86] 2017-05-30 (PCT/US2017/035042)
[87] (WO2017/210213)
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[25] EN
[54] **MINERAL WOOL PRODUCTS**
[54] **PRODUITS DE LAINE MINERALE**
[72] HJELMGAARD, THOMAS, DK
[71] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2018-11-13
[86] 2017-05-11 (PCT/EP2017/061415)
[87] (WO2017/194721)
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[51] **Int.Cl. B65G 17/08 (2006.01) B65G 17/40 (2006.01)**
[25] EN
[54] **PIN RETENTION FOR CONVEYOR MODULES**
[54] **MAINTIEN DE BROCHES POUR MODULES DE TRANSPORTEUR**
[72] RICHARDSON, ANDREW, FR
[71] HABASIT AG, CH
[85] 2018-11-13
[86] 2017-05-23 (PCT/EP2017/062459)
[87] (WO2017/202862)
[30] US (15/163,642) 2016-05-24

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[51] **Int.Cl. A47G 21/14 (2006.01) A47J 43/28 (2006.01) A47J 45/00 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **DEVICE FOR SECURING UTENSILS TO SERVEWARE**
[54] **DISPOSITIF POUR FIXER DES USTENSILES A UN ARTICLE A SERVICE DE TABLE**
[72] GIAQUINTO, GIUSEPPINA, US
[71] WARES WORLD WIDE LLC, US
[85] 2018-11-09
[86] 2017-06-08 (PCT/US2017/036551)
[87] (WO2017/218289)
[30] US (62/349,392) 2016-06-13

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[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/483 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **METHOD FOR PREDICTING THE DEVELOPMENT OF TYPE 2 DIABETES**
[54] **PROCEDE DE PREDICTION DU DEVELOPPEMENT DU DIABETE DE TYPE 2**
[72] WHEELER, MICHAEL, CA
[72] ALLALOU, AMINA, CA
[72] LIU, YING, CA
[72] PRENTICE, KACEY, US
[72] DAI, FEIHAN, CA
[72] ZHANG, MING, CA
[72] GUNDERSON, ERICA, US
[72] NALLA, AMARNADH, DK
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[71] KAISER PERMANENTE NORTHERN CALIFORNIA, US
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[86] 2017-05-16 (PCT/CA2017/050581)
[87] (WO2017/197506)
[30] US (62/337,046) 2016-05-16

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[51] **Int.Cl. A61K 8/34 (2006.01) A61Q 7/00 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR PROMOTING HAIR GROWTH AND/OR INHIBITING OR DELAYING HAIR LOSS IN HUMANS, AND COMPOSITIONS FOR SUCH USES**
[54] **COMPOSES POUR STIMULER LA CROISSANCE DES CHEVEUX ET/OU INHIBER OU RETARDER LA CHUTE DES CHEVEUX CHEZ L'HOMME, ET COMPOSITIONS POUR DE TELLES UTILISATIONS**
[72] PAUS, RALF, DE
[72] CHERET, JEREMY, DE
[72] HATT, HANNS, DE
[72] BARONI, SERGIO, IT
[71] GIULIANI S.P.A., IT
[85] 2018-11-13
[86] 2017-05-19 (PCT/EP2017/062110)
[87] (WO2017/198818)
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[51] **Int.Cl. G06Q 50/10 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **RESOURCE-RELATED CONTENT DISTRIBUTION HUB**
[54] **CENTRE DE DISTRIBUTION DE CONTENU ASSOCIE A DES RESSOURCES**
[72] FRIEND, ERIK, US
[72] BLACKHURST, JASON, US
[72] WANG, QUAN, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2018-11-09
[86] 2017-07-17 (PCT/US2017/042348)
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[30] US (15/221,406) 2016-07-27

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[13] A1
[51] **Int.Cl. B01J 23/00 (2006.01) B01J 23/648 (2006.01) C07C 51/25 (2006.01)**
[25] EN
[54] **MIXED OXIDES FOR THE OXIDATIVE CLEAVAGE OF LIPIDS USING OXYGEN TO AFFORD MONO- AND DI-CARBOXYLIC ACIDS**
[54] **OXYDES MIXTES POUR LE CLIVAGE OXYDATIF DE LIPIDES A L'AIDE D'OXYGENE POUR OBTENIR DES ACIDES MONO- ET DICARBOXYLIQUES**
[72] ARESTA, MICHELE, IT
[72] DIBENEDETTO, ANGELA, IT
[72] CORNACCHIA, DANIELE, IT
[71] CATALISI INNOVATIVA PER IL RICICLO DEL CARBONIO E BIOPOLIMERI SRL, IT
[71] NOVAMONT S.P.A., IT
[85] 2018-11-13
[86] 2017-05-24 (PCT/EP2017/062616)
[87] (WO2017/202955)
[30] IT (102016000053407) 2016-05-24

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[51] **Int.Cl. A61K 6/083 (2006.01) A61K 6/00 (2006.01)**
[25] EN
[54] **DENTAL COMPOSITION**
[54] **COMPOSITION DENTAIRE**
[72] FIK, CHRISTOPH, CH
[72] MAIER, MAXIMILIAN, DE
[72] KLEE, JOACHIM E., DE
[71] DENTSPLY DETREY GMBH, DE
[85] 2018-11-13
[86] 2017-05-19 (PCT/EP2017/062152)
[87] (WO2017/198840)
[30] EP (16170375.6) 2016-05-19

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[13] A1
[51] **Int.Cl. G01T 1/40 (2006.01) G01T 3/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF STABILIZATION OF A GAMMA AND NEUTRON DETECTING DEVICE**
[54] **SYSTEME ET PROCEDE DE STABILISATION D'UN DISPOSITIF DE DETECTION DES RAYONS GAMMA ET DES NEUTRONS**
[72] IWATSCHENKO-BORHO, MICHAEL, DE
[72] LEDER, ERICH, DE
[72] PIJAHN, RALF, DE
[72] TROST, NORBERT, DE
[71] THERMO FISHER SCIENTIFIC MESSTECHNIK GMBH, DE
[85] 2018-11-13
[86] 2017-05-22 (PCT/EP2017/062312)
[87] (WO2017/202793)
[30] US (15/163,147) 2016-05-24

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[13] A1
[51] **Int.Cl. G01T 3/00 (2006.01) G01V 5/00 (2006.01)**
[25] EN
[54] **METHOD OF OPERATIONAL STATUS VERIFICATION FOR A NEUTRON DETECTING DEVICE**
[54] **PROCEDE DE VERIFICATION D'ETAT OPERATIONNEL POUR UN DISPOSITIF DE DETECTION DE NEUTRONS**
[72] IWATSCHENKO-BORHO, MICHAEL, DE
[72] LOEW, REINHARD, DE
[71] THERMO FISHER SCIENTIFIC MESSTECHNIK GMBH, DE
[85] 2018-11-13
[86] 2017-05-22 (PCT/EP2017/062313)
[87] (WO2017/202794)
[30] US (15/163,212) 2016-05-24

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[13] A1
[51] **Int.Cl. A01K 63/04 (2006.01) A01G 31/00 (2018.01) A01K 61/00 (2017.01)**
[25] EN
[54] **AQUAPONIC UNIT**
[54] **UNITE AQUAPONIQUE**
[72] VANDENBORRE, HUGO, BE
[71] SOLAR ENERGY CONVERSION POWER CORPORATION, BE
[85] 2018-11-13
[86] 2017-05-26 (PCT/EP2017/062806)
[87] (WO2017/203053)
[30] BE (2016/5390) 2016-05-26

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[51] **Int.Cl. B29C 53/58 (2006.01) B29C 33/30 (2006.01) B29C 53/60 (2006.01) B29C 53/82 (2006.01) F03D 1/00 (2006.01)**
[25] EN
[54] **WINDING CORE AND METHOD FOR PRODUCING BLADE ENDS, MOLD AND METHOD FOR PRODUCING TRAILING EDGE SEGMENTS, WIND TURBINE, ROTOR BLADE SERIES, ROTOR BLADE AND METHOD FOR PRODUCING SAME**
[54] **NOYAU ET PROCEDE POUR LA FABRICATION DE BOUTS DE PALE, MOULE ET PROCEDE POUR LA FABRICATION DE SEGMENTS DE BORD DE FUITE, INSTALLATION EOLIENNE, SERIE DE PALES DE ROTOR, PALE DE ROTOR ET PROCEDE POUR SA FABRICATION**
[72] HOFFMANN, ALEXANDER, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2018-11-13
[86] 2017-05-23 (PCT/EP2017/062397)
[87] (WO2017/202838)
[30] DE (10 2016 109 761.6) 2016-05-26

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[13] A1
[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/02 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ENHANCED AUTHORIZATION RESPONSE**
[54] **SYSTEMES ET PROCEDES POUR UNE REPONSE D'AUTORISATION AMELIOREE**
[72] MONK, JUSTIN, US
[72] FISH, HOWARD, US
[72] WONG, SHOON, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2018-11-09
[86] 2017-08-14 (PCT/US2017/046724)
[87] (WO2018/035024)
[30] US (15/240,619) 2016-08-18

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[13] A1
[51] **Int.Cl. H04W 74/08 (2009.01)**
[25] EN
[54] **UPLINK INFORMATION SENDING METHOD AND APPARATUS, BASE STATION, AND USER EQUIPMENT**
[54] **PROCEDE, DISPOSITIF, STATION DE BASE ET EQUIPEMENT UTILISATEUR DE TRANSMISSION D'INFORMATIONS DE LIAISON MONTANTE**
[72] ZHANG, LILI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-11-13
[86] 2016-05-13 (PCT/CN2016/082153)
[87] (WO2017/193408)

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[13] A1
[51] **Int.Cl. C07K 16/22 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **ANTAGONIST ANTIBODIES THAT T BIND TO HUMAN TGFB1, TGFB2 AND TO TGFB3 AND THEIR USE FOR THE TREATMENT OF LUNG FIBROSIS**
[54] **ANTICORPS ANTAGONISTES QUI SE LIENT AUX TGFB1, TGFB2 ET TGFB3 HUMAINS ET LEUR UTILISATION POUR LE TRAITEMENT DE LA FIBROSE PULMONAIRE**
[72] BON, HELENE, GB
[72] COMPSON, JOANNE ELIZABETH, GB
[72] DIXON, KATE LOUISE, GB
[72] DOYLE, CARL BRENDAN, GB
[72] ELLIS, MARK, GB
[72] GOUVEIA SANCHO, MARIA MARGARIDA, GB
[72] JUPP, RAYMOND ANTHONY, GB
[72] KEVORKIAN, LARA, GB
[72] LIGHTWOOD, DANIEL JOHN, GB
[72] MARSHALL, DIANE, GB
[72] PAYNE, ANDREW CHARLES, GB
[72] RASTRICK, JOSEPH MICHAEL DAVID, GB
[72] SCHULZE, MONIKA-SARAH, GB
[72] TURNER, ALISON, GB
[72] TYSON, KERRY LOUISE, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2018-11-13
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[72] STAPLETON, ANTHONY WILLIAM, AU
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[54] **AGENT D'ABSORPTION, PROCEDE D'ELIMINATION DE DIOXYDE DE CARBONE, DISPOSITIF D'ELIMINATION DE DIOXYDE DE CARBONE, ET SYSTEME D'ELIMINATION DE DIOXYDE DE CARBONE**
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[30] US (62/165,853) 2015-05-22
[30] US (62/180,579) 2015-06-16
[30] US (62/247,130) 2015-10-27
[30] US (62/260,182) 2015-11-25

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[13] A1
[51] **Int.Cl. H04B 7/10 (2017.01)**
[25] EN
[54] **TRANSMITTING STATION, CONTROL STATION, RECEIVING STATION, DATA TRANSMISSION SYSTEM, AND DATA TRANSMISSION METHOD**
[54] **STATION DE TRANSMISSION, STATION DE COMMANDE, STATION DE RECEPTION, SYSTEME ET PROCEDE DE TRANSPORT DE DONNEES**
[72] TANI, SHIGENORI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2018-11-13
[86] 2016-05-18 (PCT/JP2016/064738)
[87] (WO2017/199370)

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[13] A1
[51] **Int.Cl. A01K 1/02 (2006.01) A01K 5/00 (2006.01)**
[25] EN
[54] **FARROWING SYSTEM WITH PIGLET BIRTH DETECTION AND METHOD FOR OPERATING THE SAME**
[54] **SYSTEME DE MISE BAS AVEC DETECTION DE NAISSANCE DE PORCELET ET PROCEDE POUR LE FAIRE FONCTIONNER**
[72] LEFEBVRE, ALAIN, CA
[71] JYGA CONCEPT INC., CA
[85] 2018-11-13
[86] 2017-12-01 (PCT/IB2017/057585)
[87] (WO2018/100555)
[30] US (62/429,343) 2016-12-02

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[13] A1
[51] **Int.Cl. B01J 20/06 (2006.01) B01D 53/04 (2006.01) B01D 53/62 (2006.01) B01D 53/81 (2006.01) B01J 20/28 (2006.01) F24F 3/12 (2006.01)**
[25] EN
[54] **ADSORBENT, METHOD FOR REMOVING CARBON DIOXIDE, CARBON DIOXIDE REMOVER, AND AIR CONDITIONER**
[54] **AGENT D'ABSORPTION, PROCEDE D'ELIMINATION DE DIOXYDE DE CARBONE, APPAREIL D'ELIMINATION DE DIOXYDE DE CARBONE, ET DISPOSITIF DE CONDITIONNEMENT DE L'AIR**
[72] AOSHIMA, MASAHIRO, JP
[72] SHIMAZAKI, TOSHIKATSU, JP
[72] NAKAMURA, HIDEHIRO, JP
[72] YOSHIKAWA, KOUHEI, JP
[72] KANEEDA, MASATO, JP
[71] HITACHI CHEMICAL COMPANY, LTD., JP
[85] 2018-11-13
[86] 2017-05-15 (PCT/JP2017/018233)
[87] (WO2017/199919)
[30] JP (2016-098203) 2016-05-16

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[13] A1
[51] **Int.Cl. C25B 15/08 (2006.01) D06L 4/24 (2017.01) C02F 1/467 (2006.01) C25B 1/46 (2006.01) C25B 9/00 (2006.01) C25B 9/08 (2006.01) C25B 15/02 (2006.01) D06F 35/00 (2006.01)**
[25] EN
[54] **ALKALINE AND CHLORINE SOLUTIONS PRODUCED USING ELECTRO-CHEMICAL ACTIVATION**
[54] **SOLUTIONS ALCALINE ET DE CHLOR PRODUITES AU MOYEN D'ACTIVATION ELECTROCHIMIQUE**
[72] VEENING, JAN E., NL
[71] DIVERSEY, INC., US
[85] 2018-11-13
[86] 2017-05-05 (PCT/US2017/031264)
[87] (WO2017/200772)
[30] US (62/337,362) 2016-05-17
[30] US (62/421,419) 2016-11-14

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[13] A1
[51] **Int.Cl. B01J 20/06 (2006.01) B01D 53/04 (2006.01) F24F 3/12 (2006.01)**
[25] EN
[54] **ADSORBENT, METHOD FOR REMOVING CARBON DIOXIDE, CARBON DIOXIDE REMOVER, AND AIR CONDITIONER**
[54] **AGENT D'ABSORPTION, PROCEDE D'ELIMINATION DE DIOXYDE DE CARBONE, APPAREIL D'ELIMINATION DE DIOXYDE DE CARBONE, ET DISPOSITIF DE CONDITIONNEMENT DE L'AIR**
[72] AOSHIMA, MASAHIRO, JP
[72] SHIMAZAKI, TOSHIKATSU, JP
[72] NAKAMURA, HIDEHIRO, JP
[72] YOSHIKAWA, KOUHEI, JP
[72] KANEEDA, MASATO, JP
[71] HITACHI CHEMICAL COMPANY, LTD., JP
[85] 2018-11-13
[86] 2017-05-15 (PCT/JP2017/018198)
[87] (WO2017/199908)
[30] JP (2016-098200) 2016-05-16
[30] JP (2016-098203) 2016-05-16
[30] JP (2016-129064) 2016-06-29
[30] JP (2016-167643) 2016-08-30

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[13] A1
[51] **Int.Cl. A23G 9/04 (2006.01) A23G 9/22 (2006.01) A23G 9/28 (2006.01) A47J 31/40 (2006.01) A47J 31/41 (2006.01) A47J 31/44 (2006.01) A47J 31/46 (2006.01) B65B 1/30 (2006.01) B65B 3/26 (2006.01) B65B 3/28 (2006.01)**
[25] EN
[54] **BEVERAGE PREPARATION SYSTEM**
[54] **SYSTEME DE PREPARATION DE BOISSONS**
[72] HOTALING, BRYAN, US
[72] MACNEILL, JOHN, US
[72] LECLERC, SCOTT, US
[72] NAPLES, MATT, US
[72] DEVINE, PATRICK, US
[72] HERBERT, JOHN MICHAEL, US
[71] ISLAND OASIS FROZEN COCKTAIL CO., INC., US
[85] 2018-11-13
[86] 2017-05-11 (PCT/US2017/032159)
[87] (WO2017/197113)
[30] US (62/335,041) 2016-05-11

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[13] A1
[51] **Int.Cl. B01J 20/34 (2006.01)**
[25] EN
[54] **LOW TEMPERATURE WET AIR OXIDATION**
[54] **OXYDATION A AIR HUMIDE BASSE-TEMPERATURE**
[72] KUMFER, BRYAN J., US
[72] MARTIN, ERIC, US
[72] LARSON, SIMON, US
[72] FELCH, CHAD L., US
[71] SIEMENS ENERGY, INC., US
[85] 2018-11-13
[86] 2017-04-28 (PCT/US2017/030024)
[87] (WO2017/196557)
[30] US (62/336,079) 2016-05-13

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[13] A1
[51] **Int.Cl. B01J 20/06 (2006.01) B01D 53/04 (2006.01) B01J 20/30 (2006.01) F24F 3/12 (2006.01)**
[25] EN
[54] **ADSORBENT, METHOD FOR PRODUCING SAME, METHOD FOR REMOVING CARBON DIOXIDE, DEVICE FOR REMOVING CARBON DIOXIDE, AND AIR CONDITIONER**
[54] **ADSORBANT, SON PROCEDE DE PRODUCTION, PROCEDE D'ELIMINATION DE DIOXYDE DE CARBONE, DISPOSITIF D'ELIMINATION DE DIOXYDE DE CARBONE, ET CLIMATISEUR**
[72] SHIMAZAKI, TOSHIKATSU, JP
[72] AOSHIMA, MASAHIRO, JP
[72] NAKAMURA, HIDEHIRO, JP
[72] KANEEDA, MASATO, JP
[72] YOSHIKAWA, KOUHEI, JP
[71] HITACHI CHEMICAL COMPANY, LTD., JP
[85] 2018-11-13
[86] 2017-05-15 (PCT/JP2017/018228)
[87] (WO2017/199917)
[30] JP (2016-098200) 2016-05-16

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/416 (2006.01) A61K 31/437 (2006.01) A61P 3/10 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **5-SUBSTITUTED BENZIMIDAZOLE AND 5-SUBSTITUTED AZABENZIMIDAZOLE DERIVATIVE BOTH HAVING AMPK ACTIVATION EFFECT**
[54] **DERIVE DE BENZIMIDAZOLE SUBSTITUE EN 5 ET D'AZABENZIMIDAZOLE SUBSTITUE EN 5 DOTE D'UN EFFET D'ACTIVATION DE L'AMPK**
[72] TAMURA, YUUSUKE, JP
[72] WADA, TOSHIHIRO, JP
[71] SHIONOGI & CO., LTD., JP
[85] 2018-11-13
[86] 2017-05-19 (PCT/JP2017/018761)
[87] (WO2017/200068)
[30] JP (2016-101056) 2016-05-20

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[13] A1
[51] **Int.Cl. G06F 3/01 (2006.01) G06F 17/20 (2006.01) G06F 17/27 (2006.01) G09B 5/06 (2006.01)**
[25] EN
[54] **INTERACTIVE MULTISENSORY LEARNING PROCESS AND TUTORIAL DEVICE**
[54] **PROCESSUS D'APPRENTISSAGE MULTISENSORIEL INTERACTIF ET DISPOSITIF TUTORIEL**
[72] BOWMAN, FRAN LEVIN, US
[72] NISLOW, STEPHANIE, US
[71] OGSTAR READING, LLC, US
[85] 2018-11-13
[86] 2017-05-11 (PCT/US2017/032252)
[87] (WO2017/197178)
[30] US (62/334,486) 2016-05-11

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[13] A1
[51] **Int.Cl. B01J 29/04 (2006.01) B01D 53/86 (2006.01) B01D 53/94 (2006.01) B01J 29/06 (2006.01)**
[25] EN
[54] **CLEAN GAS STACK**
[54] **EPURATION D'EFFLUENTS GAZEUX**
[72] HENDRICKSON, DAVE, US
[72] DAVIDSON, JAMES GARY, US
[71] 3 D CLEAN COAL EMISSIONS STACK, LLC, US
[85] 2018-11-13
[86] 2017-05-12 (PCT/US2017/032448)
[87] (WO2017/200875)
[30] US (62/336,640) 2016-05-14

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[13] A1
[51] **Int.Cl. F15B 1/04 (2006.01) B60G 15/12 (2006.01) B60G 17/04 (2006.01) F16F 5/00 (2006.01) F16F 9/084 (2006.01) F16F 9/19 (2006.01)**
[25] EN
[54] **RESILIENT EXPANDABLE PRESSURE VESSEL**
[54] **RECIPIENT SOUS PRESSION EXPANSIBLE ELASTIQUE**
[72] FORD, GARY B., US
[72] MEYER, RICHARD J., US
[72] SCHMID, PETER M., US
[71] LIQUIDSPRING TECHNOLOGIES, INC., US
[85] 2018-11-13
[86] 2017-04-18 (PCT/US2017/028136)
[87] (WO2017/196503)
[30] US (15/154,858) 2016-05-13

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[13] A1
[51] **Int.Cl. A41D 13/12 (2006.01)**
[25] EN
[54] **DISPOSABLE OVER THE HEAD FULL BACK ISOLATION GOWN**
[54] **BLOUSE DE CONTAGION ARRIERE COMPLETE AU-DESSUS DE LA TETE JETABLE**
[72] BENSON, BARBARA J., US
[72] SOPCISAK, JOHN M., US
[71] PRECEPT MEDICAL PRODUCTS, INC., US
[85] 2018-11-13
[86] 2017-05-11 (PCT/US2017/032286)
[87] (WO2017/197198)
[30] US (62/334,972) 2016-05-11

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[13] A1
[51] **Int.Cl. D02J 1/18 (2006.01) B65H 51/005 (2006.01)**
[25] EN
[54] **PARTIALLY SEPARATED FIBER BUNDLE, PRODUCTION METHOD FOR PARTIALLY SEPARATED FIBER BUNDLE, FIBER-REINFORCED RESIN MOLDING MATERIAL USING PARTIALLY SEPARATED FIBER BUNDLE, AND PRODUCTION METHOD FOR FIBER-REINFORCED RESIN MOLDING MATERIAL USING PARTIALLY SEPARATED FIBER BUNDLE**
[54] **FAISCEAU DE FIBRES PARTIELLEMENT SEPARE, PROCEDE DE PRODUCTION DE FAISCEAU DE FIBRES PARTIELLEMENT SEPARE, MATERIAU DE MOULAGE EN RESINE RENFORCEE DE FIBRES UTILISANT UN FAISCEAU DE FIBRES PARTIELLEMENT SEPARE, ET PROCEDE DE PRODUCTION D'UN MATERIAU DE MOULAGE EN RESINE RENFORCEE DE FIBRES UTILISANT UN FAISCEAU DE FIBRES PARTIELLEMENT SEPARE**
[72] MOTOHASHI, TETSUYA, JP
[72] HASHIMOTO, TAKAFUMI, JP
[72] MIYOSHI, KATSUHIRO, JP
[72] KAWAHARA, YOSHIHIRO, JP
[72] SUZUKI, TAMOTSU, JP
[72] SATO, CHIASA, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-11-13
[86] 2017-06-01 (PCT/JP2017/020403)
[87] (WO2017/221655)
[30] JP (2016-121902) 2016-06-20
[30] JP (2016-121903) 2016-06-20
[30] JP (2016-123438) 2016-06-22

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[13] A1
[51] **Int.Cl. A47J 39/02 (2006.01) A47J 39/00 (2006.01) G01R 31/40 (2014.01) H01M 10/48 (2006.01)**
[25] EN
[54] **TRANSPORTABLE WARMING CART**
[54] **CHARIOT DE RECHAUFFAGE TRANSPORTABLE**
[72] BOHN, ROBERT COOPER, US
[72] PADDOCK, RICHARD JOSEPH, US
[72] ERBER, JEFFREY S., US
[72] FORTMANN, ROBERT C., US
[71] CARTER-HOFFMANN LLC, US
[85] 2018-11-13
[86] 2017-05-12 (PCT/US2017/032322)
[87] (WO2017/197216)
[30] US (62/336,160) 2016-05-13
[30] US (62/454,271) 2017-02-03

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[13] A1
[51] **Int.Cl. C07D 417/12 (2006.01) A61K 51/04 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **NUCLEAR IMAGING AND RADIOTHERAPEUTICS AGENTS TARGETING CARBONIC ANHYDRASE IX AND USES THEREOF**
[54] **AGENTS D'IMAGERIE NUCLEAIRE ET RADIOTHERAPIQUES CIBLANT L'ANHYDRASE CARBONIQUE IX ET LEURS UTILISATIONS**
[72] YANG, XING, US
[72] MINN, IL, US
[72] ROWE, STEVEN, US
[72] RAY, SANGEETA, US
[72] MEASE, RONNIE C., US
[72] GORIN, MICHAEL, US
[72] ALLAF, MOHAMAD, US
[72] POMPER, MARTIN G., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2018-11-13
[86] 2017-05-12 (PCT/US2017/032384)
[87] (WO2017/197251)
[30] US (62/336,043) 2016-05-13

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[13] A1
[51] **Int.Cl. A01C 5/06 (2006.01) A01B 76/00 (2006.01) G01N 33/24 (2006.01)**
[25] EN
[54] **SEED TRENCH CLOSING SENSORS**
[54] **CAPTEURS DE FERMETURE DE SILLON DE SEMIS**
[72] KOCH, DALE, US
[72] HODEL, JEREMY, US
[72] KATER, TIMOTHY, US
[72] URBANIAK, DOUGLAS, US
[71] PRECISION PLANTING LLC, US
[85] 2018-11-13
[86] 2017-05-12 (PCT/US2017/032426)
[87] (WO2017/197274)
[30] US (62/336,069) 2016-05-13
[30] US (62/425,978) 2016-11-23
[30] US (62/465,134) 2017-02-28

[21] **3,024,099**
[13] A1
[51] **Int.Cl. A61C 5/00 (2017.01) A61C 8/00 (2006.01) A61C 13/00 (2006.01) A61C 13/08 (2006.01)**
[25] EN
[54] **FIBERGLASS DENTAL CROWNS**
[54] **COURONNES DENTAIRES EN FIBRE DE VERRE**
[72] MANCINI, ANDY, US
[71] FIGARO CROWNS INC., US
[85] 2018-11-13
[86] 2017-05-12 (PCT/US2017/032346)
[87] (WO2017/200860)
[30] US (62/338,809) 2016-05-19
[30] US (15/593,526) 2017-05-12

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[13] A1
[51] **Int.Cl. C05D 9/00 (2006.01) C05G 3/08 (2006.01)**
[25] EN
[54] **CAPSULES COMPRISING BENZYLPROPARGYLETHERS FOR USE AS NITRIFICATION INHIBITORS**
[54] **CAPSULES COMPRENANT DES BENZYLPROPARGYLETHERS DESTINES A ETRE UTILISES COMME INHIBITEURS DE NITRIFICATION**
[72] SCHNEIDER, KARL-HEINRICH, DE
[72] NAVE, BARBARA, DE
[72] STAFF, ROLAND HINRICH, DE
[72] WISSEMEIER, ALEXANDER, DE
[71] BASF SE, DE
[85] 2018-11-13
[86] 2017-05-15 (PCT/EP2017/061564)
[87] (WO2017/198588)
[30] EP (16170144.6) 2016-05-18

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[13] A1
[51] **Int.Cl. B65D 81/38 (2006.01) A45C 3/00 (2006.01) A45C 13/00 (2006.01) A45C 13/10 (2006.01) A45C 13/30 (2006.01)**
[25] EN
[54] **INSULATING DEVICE**
[54] **DISPOSITIF D'ISOLATION**
[72] SEIDERS, ROY JOSEPH, US
[72] SULLIVAN, DEREK G., US
[72] BOSWAY, ANDREW M., US
[72] FRITZSCHE, KARL, US
[72] KELLER, CHRIS, US
[71] YETI COOLERS, LLC, US
[85] 2018-11-13
[86] 2017-05-12 (PCT/US2017/032351)
[87] (WO2017/197230)
[30] US (15/154,626) 2016-05-13

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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01) H04W 4/10 (2009.01) H04W 12/04 (2009.01) H04L 9/00 (2006.01) H04L 9/08 (2006.01)**
[25] EN
[54] **METHOD, SERVER, AND COMMUNICATION DEVICE FOR UPDATING IDENTITY-BASED CRYPTOGRAPHIC PRIVATE KEYS OF COMPROMISED COMMUNICATION DEVICES**
[54] **PROCEDE, SERVEUR, ET DISPOSITIF DE COMMUNICATION PERMETTANT DE METTRE A JOUR DES CLES PRIVEES CRYPTOGRAPHIQUES BASEES SUR L'IDENTITE DE DISPOSITIFS DE COMMUNICATION COMPROMIS**
[72] REITSMA, KATRIN, US
[72] KORUS, MICHAEL F., US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2018-11-13
[86] 2017-05-12 (PCT/US2017/032507)
[87] (WO2017/213799)
[30] US (15/174,424) 2016-06-06

[21] **3,024,103**
[13] A1
[51] **Int.Cl. B29C 70/02 (2006.01) B29B 11/00 (2006.01) C08J 5/06 (2006.01) C08J 5/24 (2006.01)**
[25] EN
[54] **PRODUCTION METHOD FOR SEPARATED FIBER BUNDLE, SEPARATED FIBER BUNDLE, FIBER-REINFORCED RESIN MOLDING MATERIAL USING SEPARATED FIBER BUNDLE, AND PRODUCTION METHOD FOR FIBER-REINFORCED RESIN MOLDING MATERIAL USING SEPARATED FIBER BUNDLE**
[54] **PROCEDE DE PRODUCTION DE FAISCEAU DE FIBRES SEPAREES, FAISCEAU DE FIBRES SEPAREES, MATERIAU DE MOULAGE DE RESINE RENFORCEE PAR DES FIBRES METTANT EN OEUVRE UN FAISCEAU DE FIBRES SEPAREES ET PROCEDE DE PRODUCTION DE MATERIAU DE MOULAGE DE RESINE RENFORCEE PAR DES FIBRES METTANT EN OEUVRE UN FAISCEAU DE FIBRES SEPAREES**
[72] MOTOHASHI, TETSUYA, JP
[72] HASHIMOTO, TAKAFUMI, JP
[72] MIYOSHI, KATSUHIRO, JP
[72] SATO, CHIASA, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-11-13
[86] 2017-06-06 (PCT/JP2017/020916)
[87] (WO2017/221688)
[30] JP (2016-123438) 2016-06-22
[30] JP (2016-123439) 2016-06-22

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[13] A1
[51] **Int.Cl. A47C 27/14 (2006.01) A47C 27/15 (2006.01) A61G 7/057 (2006.01)**
[25] EN
[54] **REVERSIBLE MATTRESS WITH VARYING FIRMNESS**
[54] **MATELAS REVERSIBLE A FERMETE VARIABLE**
[72] CARLITZ, STUART, US
[71] ECLIPSE INTERNATIONAL, US
[85] 2018-11-13
[86] 2017-05-12 (PCT/US2017/032376)
[87] (WO2017/197246)
[30] US (62/336,092) 2016-05-13

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[13] A1
[51] **Int.Cl. B22C 7/00 (2006.01) B22D 27/04 (2006.01) C03B 11/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PRODUCING MANUFACTURING MOLDS FOR METAL CASTING**
[54] **SYSTEMES ET PROCEDES DE PRODUCTION DE MOULES DE FABRICATION POUR COULAGE DE METAL**
[72] WOWCZUK, YURIJ F., US
[72] GEERS, GREG, US
[71] MATTHEWS RESOURCES, INC., US
[85] 2018-11-13
[86] 2017-05-12 (PCT/US2017/032509)
[87] (WO2017/197327)
[30] US (62/335,295) 2016-05-12

[21] **3,024,106**
[13] A1
[51] **Int.Cl. C09J 123/08 (2006.01) B32B 27/32 (2006.01) C08L 51/06 (2006.01)**
[25] EN
[54] **PROCESSES FOR PRODUCING IN-LINE POLYOLEFIN BASED ADHESIVE COMPOSITIONS, AND ADHESIVE COMPOSITIONS AND FILMS THEREOF**
[54] **PROCEDES DE PRODUCTION EN LIGNE DE COMPOSITIONS ADHESIVES A BASE DE POLYOLEFINE, ET COMPOSITIONS ADHESIVES ET FILMS ASSOCIES**
[72] BOTROS, MAGED G., US
[72] PODBORNY, WILLIAM R., US
[72] CORCORAN, LINDSAY E., US
[71] EQUISTAR CHEMICALS, LP, US
[85] 2018-11-13
[86] 2017-05-12 (PCT/US2017/032379)
[87] (WO2017/200867)
[30] US (62/339,247) 2016-05-20

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[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 50/26 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MAINTAINING CHAIN OF CUSTODY FOR ASSETS OFFLOADED FROM A PORTABLE ELECTRONIC DEVICE**
[54] **SYSTEMES ET PROCEDES DESTINES A MAINTENIR UNE CHAINE DE CONTROLE POUR DES ACTIFS DECHARGES D'UN DISPOSITIF ELECTRONIQUE PORTABLE**
[72] FLOWERDAY, DAVID B., US
[72] ORLOWSKI, REMIGIUSZ, PL
[72] TINE, STEVEN D., US
[72] RADWANSKI, LECHOSLAW, PL
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2018-11-13
[86] 2016-05-20 (PCT/PL2016/050022)
[87] (WO2017/200403)

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[13] A1
[51] **Int.Cl. C09J 123/08 (2006.01) B32B 27/32 (2006.01) C08L 51/06 (2006.01)**
[25] EN
[54] **IN-LINE POLYOLEFIN BASED ADHESIVE COMPOSITIONS HAVING GRAFT POLYOLEFIN/ELASTOMER COPOLYMERS**
[54] **COMPOSITIONS ADHESIVES A BASE DE POLYOLEFINE OBTENUES EN LIGNE AYANT DES COMPOSITIONS POLYOLEFINE/ELASTOMERE GREFFEES CONTENANT DES COPOLYMERES POLYOLEFINE/ELASTOMERE GREFFES**
[72] BOTROS, MAGED G., US
[71] EQUISTAR CHEMICALS, LP, US
[85] 2018-11-13
[86] 2017-05-12 (PCT/US2017/032391)
[87] (WO2017/200869)
[30] US (62/339,247) 2016-05-20
[30] US (62/413,196) 2016-10-26

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06K 7/02 (2006.01) G06Q 10/00 (2012.01)**
[25] EN
[54] **STOCK LEVEL INDICATION APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE D'INDICATION DE NIVEAU DE STOCKAGE**
[72] JONES, NICHOLAUS A., US
[72] TAYLOR, ROBERT J., US
[72] VASGAARD, AARON J., US
[72] JONES, MATTHEW A., US
[71] WALMART APOLLO, LLC, US
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[30] US (62/336,824) 2016-05-16

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[51] **Int.Cl. B65D 51/18 (2006.01) B65D 43/00 (2006.01) B65D 43/02 (2006.01)**
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[54] **LIQUID CONTAINER LID ASSEMBLY FOR CONTROLLED LIQUID DELIVERY**
[54] **ENSEMBLE DE COUVERCLE DE RECIPIENT DE LIQUIDE POUR DISTRIBUTION CONTROLEE DE LIQUIDE**
[72] SAVENOK, PAVEL, US
[71] SAVENOK, PAVEL, US
[85] 2018-11-13
[86] 2017-05-18 (PCT/US2017/033389)
[87] (WO2017/201321)
[30] US (62/338,503) 2016-05-18

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[25] EN
[54] **DATABASE MANAGEMENT AND GRAPHICAL USER INTERFACES FOR MEASUREMENTS COLLECTED BY ANALYZING BLOOD**
[54] **GESTION DE BASE DE DONNEES ET INTERFACES UTILISATEUR GRAPHIQUES POUR DES MESURES RECUEILLIES PAR ANALYSE SANGUINE**
[72] MCRAITH, KEVIN, US
[72] KESANI, HARI, US
[72] IYER, ANAND, US
[72] SUSAI, GABRIEL, US
[72] SHOMALI, MANSUR, US
[72] RAO, PRASAD, MATTI, US
[71] WELLDOC, INC., US
[85] 2018-11-13
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[30] US (62/336,201) 2016-05-13
[30] US (62/436,216) 2016-12-19
[30] US (62/477,307) 2017-03-27
[30] US (62/477,204) 2017-03-27

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[51] **Int.Cl. G08B 13/24 (2006.01)**
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[54] **MIMO CABLE GUIDED INTRUSION DETECTION SENSOR**
[54] **CAPTEUR DE DETECTION D'INTRUSION GUIDE PAR CABLES MIMO**
[72] HARMAN, ROBERT KEITH, CA
[71] FIBER SENSYS, INC., US
[85] 2018-11-13
[86] 2017-05-05 (PCT/CA2017/000113)
[87] (WO2017/193201)
[30] US (62/335,146) 2016-05-12

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[51] **Int.Cl. A01N 43/40 (2006.01)**
[25] EN
[54] **HETEROCYCLIC COMPOUNDS AS KINASE INHIBITORS**
[54] **COMPOSES HETEROCYCLIQUES UTILISES EN TANT QU'INHIBITEURS DE KINASES**
[72] WANG, TONG, US
[72] GATELY, STEPHEN, US
[71] TRANSLATIONAL DRUG DEVELOPMENT, LLC, US
[85] 2018-11-13
[86] 2016-05-18 (PCT/US2016/033111)
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[30] US (62/163,369) 2015-05-18
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[51] **Int.Cl. C12N 1/20 (2006.01) C12N 9/02 (2006.01) C12N 9/04 (2006.01) C12P 7/06 (2006.01)**
[25] EN
[54] **MICROORGANISM WITH MODIFIED ALDEHYDE:FERREDOXIN OXIDOREDUCTASE ACTIVITY AND RELATED METHODS**
[54] **MICRO-ORGANISME A ACTIVITE ALDEHYDE/FERREDOXINE OXYDOREDUCTASE MODIFIEE ET PROCEDES ASSOCIES**
[72] LIEW, FUNGMIN, US
[72] KOEPKE, MICHAEL, US
[71] LANZATECH, INC., US
[85] 2018-11-13
[86] 2017-05-12 (PCT/US2017/032564)
[87] (WO2017/200884)
[30] US (62/336,639) 2016-05-14

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[51] **Int.Cl. B66C 11/12 (2006.01) B65G 49/04 (2006.01) C02F 1/461 (2006.01)**
[25] EN
[54] **SYSTEM FOR TREATING WATER**
[54] **SYSTEME DE TRAITEMENT D'EAU**
[72] SALOKANNEL, ANTTI, FI
[72] KARHU, MIKKO, FI
[72] LUUKKONEN, MATTI, FI
[72] VAN DER MEER, TUOMAS, FI
[72] ISOMAKI, NIKO, FI
[71] OUTOTEC (FINLAND) OY, FI
[85] 2018-11-13
[86] 2016-05-20 (PCT/FI2016/050346)
[87] (WO2017/198893)

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[25] EN
[54] **GEARBOX WITH INTERNAL DIAPHRAGM**
[54] **BOITE DE VITESSES DOTEE DE DIAPHRAGME INTERNE**
[72] CALL, RAYMOND LEE II, US
[72] SMITH, WILLIAM F. (DECEASED), US
[71] UNIVERSAL MOTION COMPONENTS CO., INC., US
[85] 2018-11-13
[86] 2017-05-19 (PCT/US2017/033645)
[87] (WO2017/205219)
[30] US (62/340,420) 2016-05-23

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[51] **Int.Cl. E21B 10/42 (2006.01) E21B 10/43 (2006.01) E21B 10/62 (2006.01)**
[25] EN
[54] **ROLLING ELEMENT WITH HALF LOCK**
[54] **ELEMENT ROULANT A DEMI-VERROUILLAGE**
[72] GROSZ, GREGORY CHRISTOPHER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-11-13
[86] 2016-06-17 (PCT/US2016/037991)
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[51] **Int.Cl. C07D 213/70 (2006.01) A61K 31/4418 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **PYRIDINETHIONES, PHARMACEUTICAL COMPOSITIONS THEREOF, AND THEIR THERAPEUTIC USE FOR TREATING A PROLIFERATIVE, INFLAMMATORY, NEURODEGENERATIVE, OR IMMUNE-MEDIATED DISEASE**
[54] **PYRIDINETHIONES, COMPOSITIONS PHARMACEUTIQUES LES CONTENANT, ET LEUR UTILISATION THERAPEUTIQUE DANS LE TRAITEMENT D'UNE MALADIE INFLAMMATOIRE, NEURODEGENERATIVE OU D'ORIGINE IMMUNOLOGIQUE**
[72] FUNG, LEAH, US
[72] SULLIVAN, ROBERT, US
[72] CHAN, KYLE W.H., US
[72] MERCURIO, FRANK, US
[72] MANOUKIAN, ARMEN, CA
[72] SCANGA, SAM, CA
[72] MASTRONARDI, FABRIZIO, CA
[71] BIOTHERYX, INC., US
[85] 2018-11-13
[86] 2017-05-15 (PCT/US2017/032599)
[87] (WO2017/200902)
[30] US (62/337,256) 2016-05-16

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[13] A1
[51] **Int.Cl. C08F 20/16 (2006.01) C08F 20/34 (2006.01) C09D 133/14 (2006.01) C09D 143/04 (2006.01)**
[25] EN
[54] **DUST SUPPRESSION COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS ET PROCEDES DE SUPPRESSION DE POUSSIERE**
[72] CLEAR, SUSANNAH C., US
[72] ALI, MAHFUZA B., US
[72] SAHNI, VASAV, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-11-13
[86] 2017-05-16 (PCT/US2017/032817)
[87] (WO2017/200988)
[30] US (62/339,191) 2016-05-20

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[13] A1
[51] **Int.Cl. C07D 207/263 (2006.01) A61K 31/4015 (2006.01) A61K 31/435 (2006.01) A61P 31/12 (2006.01) C07D 211/76 (2006.01)**
[25] EN
[54] **PEPTIDOMIMETICS FOR THE TREATMENT OF NOROVIRUS INFECTION**
[54] **PEPTIDOMIMETIQUES POUR LE TRAITEMENT D'UNE INFECTION A NOROVIRUS**
[72] SCHINAZI, RAYMOND F., US
[72] AMBLARD, FRANCK, US
[72] KOVARI, LADISLAU, US
[72] LIU, PENG, US
[72] ZHOU, SHAOMAN, US
[72] KUIPER, BENJAMIN D., US
[72] KEUSCH, BRADLEY J., US
[71] EMORY UNIVERSITY, US
[85] 2018-11-13
[86] 2017-05-15 (PCT/US2017/032600)
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[30] US (62/335,962) 2016-05-13

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[13] A1
[51] **Int.Cl. A61K 8/42 (2006.01) A61K 8/02 (2006.01) A61K 8/46 (2006.01) A61Q 19/10 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **SOLID CLEANSING COMPOSITIONS WITH TAURINE AND METHODS THEREOF**
[54] **COMPOSITIONS DE NETTOYAGE SOLIDES CONTENANT DE LA TAURINE ET PROCEDES ASSOCIES**
[72] SMART, SCOTT, US
[72] PAN, LONG, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-11-13
[86] 2016-08-08 (PCT/US2016/046012)
[87] (WO2018/030983)

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[13] A1
[51] **Int.Cl. B23K 26/38 (2014.01) B23K 26/32 (2014.01)**
[25] EN
[54] **A MILLING AND LASER DRILLING SYSTEM**
[54] **SYSTEME DE FRAISAGE ET FORAGE AU LASER**
[72] FRANCOEUR, GARY, US
[72] CIMMA, DAVID A., US
[71] FRANCOEUR, GARY, US
[85] 2018-11-13
[86] 2017-05-17 (PCT/US2017/033055)
[87] (WO2017/201138)
[30] US (62/338,159) 2016-05-18

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/4985 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION OF ANTI-CD20 ANTIBODY, P13 KINASE-DELTA SELECTIVE INHIBITOR, AND BTK INHIBITOR TO TREAT B-CELL PROLIFERATIVE DISORDERS**
[54] **COMBINAISON D'UN ANTICORPS ANTI-CD20, D'UN INHIBITEUR SELECTIF DE P13 KINASE-DELTA ET D'UN INHIBITEUR DE BTK POUR TRAITER DES TROUBLES PROLIFERATIFS DES LYMPHOCYTES B**
[72] WEISS, MICHAEL S., US
[72] MISKIN, HARI P., US
[72] SPORTELLI, PETER, US
[71] TG THERAPEUTICS, INC., US
[71] RHIZEN PHARMACEUTICALS S.A., CH
[71] LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES, FR
[85] 2018-11-13
[86] 2017-05-26 (PCT/US2017/034855)
[87] (WO2017/205843)
[30] US (62/342,822) 2016-05-27

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[13] A1
[51] **Int.Cl. D21H 27/30 (2006.01) B31F 1/07 (2006.01) D21H 15/02 (2006.01) D21H 27/02 (2006.01)**
[25] EN
[54] **MULTI-PLY TISSUE CONTAINING LAMINATED AND NON-LAMINATED EMBOSSED AREAS**
[54] **LINGETTE MULTICOUCHE CONTENANT DES ZONES GAUFREES STRATIFIEES ET NON STRATIFIEES**
[72] SEALEY, JAMES E., US
[72] MILLER, BYRD TYLER, US
[72] PENCE, JUSTIN S., US
[72] ANKLAM, CHRIS B., US
[71] FIRST QUALITY TISSUE, LLC, US
[85] 2018-11-13
[86] 2017-05-15 (PCT/US2017/032746)
[87] (WO2017/197405)
[30] US (62/336,212) 2016-05-13

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[13] A1
[51] **Int.Cl. A61K 8/27 (2006.01) A61K 8/49 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **DENTIFRICE INCLUDING ZINC AND BLUE DYE OR PIGMENT**
[54] **DENTIFRICE COMPRENANT DU ZINC ET UN COLORANT BLEU OU UN PIGMENT**
[72] KOCINSKA, AGNIESZKA, CH
[72] CHOPRA, SUMAN, US
[72] GRONLUND, JENNIFER, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-11-13
[86] 2016-08-11 (PCT/US2016/046538)
[87] (WO2018/031017)

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[13] A1
[51] **Int.Cl. H04W 12/06 (2009.01) G06F 21/35 (2013.01) H04L 29/06 (2006.01) H04W 4/02 (2018.01) H04W 92/18 (2009.01)**
[25] EN
[54] **DEVICE PAIRING USING A SECURE ZONE**
[54] **APPARIEMENT DE DISPOSITIFS UTILISANT UNE ZONE SECURISEE**
[72] NAIR, SUBHASH P., US
[72] CLAY, TIMOTHY M., US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2018-11-13
[86] 2017-05-15 (PCT/US2017/032757)
[87] (WO2017/213807)
[30] US (15/177,044) 2016-06-08

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[13] A1
[51] **Int.Cl. D21H 21/22 (2006.01) D21H 11/16 (2006.01) D21H 21/08 (2006.01) D21H 23/04 (2006.01)**
[25] EN
[54] **DISSOLVED AIR DE-BONDING OF A TISSUE SHEET**
[54] **DELIAGE A L'AIR DISSOUS D'UNE FEUILLE DE SOIE**
[72] LEE, JEFFREY A., US
[71] GPCP IP HOLDINGS LLC, US
[85] 2018-11-13
[86] 2017-05-16 (PCT/US2017/032880)
[87] (WO2017/205113)
[30] US (62/340,038) 2016-05-23
[30] US (15/589,463) 2017-05-08

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[13] A1
[51] **Int.Cl. G06F 21/32 (2013.01)**
[25] EN
[54] **IRIS RECOGNITION METHODS AND SYSTEMS BASED ON AN IRIS STOCHASTIC TEXTURE MODEL**
[54] **PROCEDES ET SYSTEMES DE RECONNAISSANCE D'IRIS BASES SUR UN MODELE DE TEXTURE STOCHASTIQUE D'IRIS**
[72] TEVEROVSKIY, MIKHAIL, US
[71] EYELOCK, LLC, US
[85] 2018-11-13
[86] 2017-05-17 (PCT/US2017/033067)
[87] (WO2017/201147)
[30] US (62/337,965) 2016-05-18

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[13] A1
[51] **Int.Cl. C07C 311/32 (2006.01) A61K 47/20 (2006.01) A61K 31/7088 (2006.01) A61K 31/713 (2006.01)**
[25] EN
[54] **CATIONIC SULFONAMIDE AMINO LIPIDS AND AMPHIPHILIC ZWITTERIONIC AMINO LIPIDS**
[54] **LIPIDES SULFONAMIDE AMINES CATIONIQUES ET LIPIDES AMINES ZWITTERIONIQUES AMPHIPHILES**
[72] SIEGWART, DANIEL J., US
[72] MILLER, JASON B., US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2018-11-13
[86] 2017-05-16 (PCT/US2017/032950)
[87] (WO2017/201076)
[30] US (62/337,196) 2016-05-16

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[13] A1
[51] **Int.Cl. F25D 7/00 (2006.01) G06Q 10/08 (2012.01) F25D 11/00 (2006.01) F25D 15/00 (2006.01) F25D 19/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF CONTROLLING PRODUCT TEMPERATURES DURING DELIVERY**
[54] **SYSTEMES ET PROCEDES DE REGULATION DES TEMPERATURES DES PRODUITS PENDANT LA LIVRAISON**
[72] WINKLE, DAVID C., US
[72] HIGH, DONALD R., US
[72] MCHALE, BRIAN G., GB
[72] MATTINGLY, TODD D., US
[71] WALMART APOLLO, LLC, US
[85] 2018-11-13
[86] 2017-05-18 (PCT/US2017/033246)
[87] (WO2017/201235)
[30] US (62/338,290) 2016-05-18

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[13] A1
[51] **Int.Cl. A61K 8/23 (2006.01) A61K 8/02 (2006.01) A61K 8/22 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **PEROXYMONOSULFATE TOOTHPOWDER COMPOSITION FOR TENACIOUS STAINS**
[54] **COMPOSITION DE POUDRE DENTAIRE DE PEROXYMONOSULFATE POUR TACHES TENACES**
[72] DOGO-ISONAGIE, CAJETAN, US
[72] FEI, LIN, US
[72] CHOPRA, SUMAN, US
[72] GRONLUND, JENNIFER, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-11-13
[86] 2016-08-11 (PCT/US2016/046543)
[87] (WO2018/031018)

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[13] A1
[51] **Int.Cl. B65D 47/06 (2006.01) B65D 47/10 (2006.01)**
[25] FR
[54] **END FITTING FOR BOTTLE HAVING SPOUTS**
[54] **EMBOUT POUR BOUTEILLE AVEC BECS VERSEURS**
[72] ABADI BOUSBACI, LAURENT, FR
[72] TIAR, SORAYA, FR
[71] IZY, FR
[85] 2018-11-13
[86] 2016-04-20 (PCT/FR2016/050926)
[87] (WO2016/181049)
[30] FR (1554302) 2015-05-13

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[13] A1
[51] **Int.Cl. C04B 24/16 (2006.01) C04B 24/26 (2006.01) C04B 28/14 (2006.01) C08F 220/02 (2006.01) C08F 220/06 (2006.01)**
[25] EN
[54] **GYPSUM SLURRIES WITH LINEAR POLYCARBOXYLATE DISPERSANTS**
[54] **BOUILLIES DE GYPSE AYANT DES DISPERSANTS DE POLYCARBOXYLATE LINEAIRE**
[72] VILINSKA, ANNAMARIA, US
[72] LI, ALFRED C., US
[72] DUPUIS, MARIO, CA
[72] TRIANTAFILLU, IORDANA, CA
[72] LOISEAU, FRANCIS, CA
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2018-11-13
[86] 2017-05-18 (PCT/US2017/033304)
[87] (WO2017/201270)
[30] US (62/339,383) 2016-05-20
[30] US (15/588,756) 2017-05-08

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[13] A1
[51] **Int.Cl. H05K 1/02 (2006.01)**
[25] FR
[54] **ELECTRONIC CIRCUIT**
[54] **CIRCUIT ELECTRONIQUE**
[72] RACIC, ZORAN, FR
[71] ZODIAC AEROTECHNICS, FR
[85] 2018-11-13
[86] 2017-05-12 (PCT/FR2017/051161)
[87] (WO2017/194899)
[30] FR (16 54275) 2016-05-13

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[13] A1
[51] **Int.Cl. A61K 47/20 (2006.01) A61K 9/14 (2006.01) A61K 47/18 (2017.01) A61K 47/22 (2006.01) A61K 31/7105 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR THE DELIVERY OF TRNA AS NANOPARTICLES AND METHODS OF USE THEREWITH**
[54] **COMPOSITIONS DESTINEES A L'ADMINISTRATION D'ARNT SOUS LA FORME DE NANOPARTICULES ET PROCEDE D'UTILISATION ASSOCIE**
[72] THOMAS, PHILIP J., US
[72] SIEGWART, DANIEL J., US
[72] JOHNSON, ARTHUR E., US
[72] TORRES, MICHAEL J., US
[72] MILLER, JASON B., US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2018-11-13
[86] 2017-05-16 (PCT/US2017/032967)
[87] (WO2017/201091)
[30] US (62/337,096) 2016-05-16

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[13] A1
[51] **Int.Cl. H05K 3/38 (2006.01) H05K 1/02 (2006.01) H05K 3/02 (2006.01) H05K 3/46 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING CIRCUIT BOARDS**
[54] **PROCEDES DE FABRICATION DE CARTES DE CIRCUITS IMPRIMES**
[72] GAY, MICHAEL, US
[71] ISOLA USA CORP., US
[85] 2018-11-13
[86] 2017-05-18 (PCT/US2017/033342)
[87] (WO2017/201294)
[30] US (62/337,979) 2016-05-18

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[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01) B65D 85/00 (2006.01) B65D 85/30 (2006.01)**
[25] EN
[54] **TEMPERATURE PACK COOLING SYSTEMS AND METHODS OF CONTROLLING PRODUCT TEMPERATURES DURING DELIVERY**
[54] **SYSTEMES DE REFROIDISSEMENT DE BLOC DE TEMPERATURE ET PROCEDES DE REGULATION DE TEMPERATURE DE PRODUIT PENDANT LA DISTRIBUTION**
[72] WINKLE, DAVID C., US
[72] MCHALE, BRIAN G., GB
[72] HIGH, DONALD R., US
[72] ALI, SADAF, US
[72] MATTINGLY, TODD D., US
[71] WALMART APOLLO, LLC, US
[85] 2018-11-13
[86] 2017-05-17 (PCT/US2017/033016)
[87] (WO2017/201118)
[30] US (62/338,246) 2016-05-18

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[13] A1
[51] **Int.Cl. C02F 1/02 (2006.01) C02F 1/04 (2006.01)**
[25] EN
[54] **HUMIDIFICATION-DEHUMIDIFICATION SYSTEMS AND METHODS AT LOW TOP BRINE TEMPERATURES**
[54] **SYSTEMES ET PROCEDES D'HUMIDIFICATION-DESHUMIDIFICATION A DES BASSES TEMPERATURES DE SAUMURE MAXIMALES**
[72] LAM, STEVEN, US
[72] WILSON, CONOR THOMAS, US
[72] ST. JOHN, MAXIMUS G., US
[72] GOVINDAN, PRAKASH NARAYAN, US
[71] GRADIANT CORPORATION, US
[85] 2018-11-13
[86] 2017-05-19 (PCT/US2017/033557)
[87] (WO2017/201417)
[30] US (15/161,051) 2016-05-20

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[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01)**
[25] EN
[54] **SECURE COLLECTION OF SENSITIVE DATA**
[54] **COLLECTE SECURISEE DE DONNEES SENSIBLES**
[72] COPELAND, RODNEY ALLEN, US
[72] CARLSON, JAY ERIC, US
[72] HANRAHAN, MICHAEL DAVID, US
[72] ALCOTT, CHRISTOPHER SCOTT, US
[71] CHARTER COMMUNICATIONS OPERATING, LLC, US
[85] 2018-11-13
[86] 2016-10-07 (PCT/US2016/055971)
[87] (WO2017/204845)
[30] US (62/342,491) 2016-05-27
[30] US (62/342,490) 2016-05-27

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[13] A1
[51] **Int.Cl. A61B 17/02 (2006.01) A61F 5/37 (2006.01) A61F 13/14 (2006.01)**
[25] EN
[54] **MULTI-PLY RETRACTOR/STABILIZER AND WOUND EXPOSURE DEVICE AND METHOD OF USE**
[54] **RETRACTEUR/STABILISATEUR MULTICOUCHE ET DISPOSITIF D'EXPOSITION DE PLAIE, ET PROCEDE D'UTILISATION**
[72] GALBIERZ, THOMAS R., US
[72] GALBIERZ, MICHAEL A., US
[71] GSQUARED MEDICAL LLC, US
[85] 2018-11-13
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[54] **OSMOSE INVERSE ETAGEE A COURANT TRANSVERSAL**
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[72] PETERSON, RICHARD, US
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[72] WINECKI, SLAWOMIR, US
[72] ARGUMEDO, DARWIN, US
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[54] **RECHERCHE D'ENSEMBLES DE DONNEES STRUCTURES ET NON STRUCTURES**
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[72] LITMAN, SCOTT, US
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[54] **COMPOSES DE PHOSPHORE EXEMPTS D'AZOTE ET LUBRIFIANTS LES CONTENANT**
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[72] HUSSAIN, MAHMUD M., US
[72] WOLLENBERG, KURT F., US
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[54] **PROCEDE DE REMPLISSAGE DE PLATEAUX D'ALIMENTATION ET SYSTEME D'ALIMENTATION**
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[71] LANDMECO, OLGOD A/S, DK
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[54] **DISPOSITIF DE COMMANDE D'UTILISATEUR POUR UN TRANSPORTEUR**
[72] PERET, BOB D., US
[72] COULTER, STEWART M., US
[72] KAMEN, DEAN, US
[72] KANE, DEREK G., US
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[54] **CODAGE ET DECODAGE DE DIFFERENCES DE PHASE INTERCANAUX ENTRE DES SIGNAUX AUDIO**
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[72] ATTI, VENKATRAMAN S., US
[71] QUALCOMM INCORPORATED, US
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[54] **METHOD FOR THE FABRICATION OF THREE-DIMENSIONAL OBJECTS AND APPARATUS FOR SAME**
[54] **PROCEDE DE FABRICATION D'OBJETS TRIDIMENSIONNELS ET APPAREIL ASSOCIE**
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[72] WALKER, DAVID A., US
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[54] **VANNE D'AIR COMBINEE**
[72] KALTHOFF, ADAM L., US
[72] HALVORSON, FORREST, US
[71] DEZURIK, INC., US
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[54] **SYSTEM AND METHOD FOR INTEGRATION OF TELEMEDICINE INTO MULTIMEDIA VIDEO VISITATION SYSTEMS IN CORRECTIONAL FACILITIES**
[54] **SYSTEME ET PROCEDE D'INTEGRATION DE TELEMEDECINE DANS DES SYSTEMES DE VISITE VIDEO MULTIMEDIA DANS DES ETABLISSEMENTS CORRECTIONNELS**
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[54] **HIGH VOLTAGE ELECTRICAL DISCONNECT DEVICE WITH MAGNETIC ARC DEFLECTION ASSEMBLY**
[54] **DISPOSITIF DE DECONNEXION ELECTRIQUE A HAUTE TENSION EQUIPE D'UN ENSEMBLE DE DEVIATION D'ARC MAGNETIQUE**
[72] SHEA, JOHN JOSEPH, US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[54] **INTERNAL LOCATION ADDRESS AND AUTOMATIC ROUTING OF INTRA-FACILITY MOVEMENT**
[54] **ADRESSE D'EMPLACEMENT INTERNE ET ROUTAGE AUTOMATIQUE D'UN MOUVEMENT A L'INTERIEUR D'UNE INSTALLATION**
[72] GILLEN, ROBERT J., US
[72] BONIN, PAUL H., US
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[54] **PYROTECHNIC CIRCUIT PROTECTION SYSTEMS, MODULES, AND METHODS**
[54] **SYSTEMES, MODULES ET PROCEDES DE PROTECTION DE CIRCUIT PYROTECHNIQUE**
[72] VON ZUR MUEHLEN, PATRICK ALEXANDER, US
[72] HENRICKS, MICHAEL CRAIG, US
[72] VENTURA, JOSEPH JAMES, US
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[54] **PROCESSES FOR PREPARING PHOSPHORODIAMIDATE MORPHOLINO OLIGOMERS**
[54] **PROCEDES DE PREPARATION D'OLIGOMERES MORPHOLINO DE PHOSPHORODIAMIDATE**
[72] CAI, BAO, US
[72] MARTINI, MITCHELL, US
[72] THOMAS, KATIE, US
[72] SHIMABUKU, ROSS, US
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[54] **ELEMENT ROULETTE A SEMI-BLOCAGE ET CALE DE VERROUILLAGE**
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[72] HINZ, BRANDON JAMES, US
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[54] **TRAITEMENT DE MALADIES CHOLESTATIQUES INTRAHEPATIQUES**
[72] BOUDES, POL, US
[72] MCWHERTER, CHARLES A., US
[71] CYMABAY THERAPEUTICS, INC., US
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[54] **SUSPENSIONS PROBIOTIQUES STABLES**
[72] MODY, SEEMA K., US
[72] NAQVI, SYED H., US
[71] DSM IP ASSETS B.V., NL
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[54] **METHOD AND FORMULATION FOR IMPREGNATION OF POROUS MATERIALS**
[54] **PROCEDE ET FORMULATION POUR L'IMPREGNATION DE MATERIAUX POREUX**
[72] CIAMPINI, DAVIDE, IT
[71] SICPA HOLDING SA, CH
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[54] **ORAL CARE COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS D'HYGIENE BUCCALE ET LEURS PROCEDES D'UTILISATION**
[72] CHEN, DANDAN, US
[72] YANG, YING, US
[72] D'AMBROGIO, ROBERT, US
[72] THOMSON, PAUL, US
[72] TRIVEDI, HARSH MAHENDRA, US
[72] PRENCIPE, MICHAEL, US
[72] MASTERS, JAMES GERARD, US
[72] JARACZ, STANISLAV, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] **MACHINE A TETES MULTIPLES DE FORMATION DE BOITES MULTIFORMATS**
[72] VILANOVA ALZAMORA, MANUEL, ES
[71] TAVIL IND, S.A.U., ES
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[54] **PROCEDES DE CREATION DE CHROMOSOMES SYNTHETIQUES EXPRIMANT DES VOIES DE BIOSYNTHESE ET LEURS UTILISATIONS**
[72] PERKINS, EDWARD, US
[72] GREENE, AMY, US
[71] SYNPLOID BIOTEK, LLC, US
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[54] **ORAL CARE COMPOSITION AND METHOD OF USE**
[54] **COMPOSITION D'HYGIENE BUCCO-DENTAIRE ET PROCEDE D'UTILISATION**
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[54] **ELIMINATION DE METAUX LOURDS DANS UN TRAITEMENT LESTE**
[72] WIKRAMANAYAKE, ROHAN, US
[72] PEPIN, RAYMOND G., US
[72] MILES, THOMAS, US
[71] EVOQUA WATER TECHNOLOGIES LLC, US
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[54] **SYSTEME ET PROCEDE DE NETTOYAGE D'UN DISPOSITIF**
[72] HAEGGSTROM, EDWARD, FI
[72] RAUHALA, TIMO, FI
[72] MOILANEN, PETRO, FI
[72] SALMI, ARI, FI
[71] ALTUM TECHNOLOGIES OY, FI
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[54] **BALLASTED SOLIDS TREATMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DES SOLIDES UTILISES COMME LEST**
[72] LINDEMANN, TIMOTHY, US
[72] WHITTIER, MICHAEL CASEY, US
[71] EVOQUA WATER TECHNOLOGIES LLC, US
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[54] **METHOD FOR PRODUCING SHEET INGOTS BY VERTICAL CASTING OF AN ALUMINIUM ALLOY**
[54] **PROCEDE DE FABRICATION DE LINGOTS DE LAMINAGE PAR COULEE VERTICALE D'UN ALLIAGE D'ALUMINIUM**
[72] JARRY, PHILIPPE, FR
[72] TAINA, FABIO, FR
[72] ACHARD, JEAN-LOUIS, FR
[72] BERTHERAT, MARC, CH
[72] MENET, PIERRE-YVES, FR
[72] CABLEA, MIRCEA, FR
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[54] **SYSTEME DE CODEC AUDIO ADAPTATIF, PROCEDE, APPAREIL ET SUPPORT**
[72] JOHNSTON, JAMES, US
[72] WHITE, STEPHEN, US
[71] IMMERSION SERVICES LLC, US
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[25] FR
[54] **INDUSTRIAL BAG WITH CLOSING AND OPENING SYSTEM COMPRISING A TEAR-OFF BOTTOM STRIP, AND METHOD FOR PRODUCING SUCH A BAG**
[54] **SAC INDUSTRIEL AVEC UN SYSTEME DE FERMETURE ET D'OUVERTURE COMPRENANT UNE BANDE DE FOND APTE A ETRE ARRACHEE ET PROCEDE DE FABRICATION D'UN TEL SAC**
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[71] VICAT, FR
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[54] **PROCEDE D'AMELIORATION DE LA MORPHOLOGIE DE POINTS QUANTIQUES NOYAU/ENVELOPPE POUR NANOSTRUCTURES HAUTEMENT LUMINESCENTES**
[72] GUO, WENZHOU, US
[72] IPPEN, CHRISTIAN, US
[72] HOTZ, CHARLES, US
[72] BEELER, ROSE, US
[72] LYNCH, JARED, US
[72] KAN, SHIHAI, US
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[54] **BOSSAGE A PALIER INTERNE**
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[72] EIHUSEN, JOHN ALLEN, US
[72] YEGGY, BRIAN CHRISTOPHER, US
[71] HEXAGON TECHNOLOGY AS, NO
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[54] **REDUCED OXYGEN CARRIERS AND THEIR USE FOR THE TREATMENT OF CARBOXYHEMOGLOBINEMIA**
[54] **TRANSPORTEURS D'OXYGENE REDUIT ET LEUR UTILISATION DESTINES AU TRAITEMENT DE LA CARBOXYHEMOGLOBINEMIE**
[72] ROSE, JASON JOSEPH, US
[72] XU, QINZI, US
[72] GLADWIN, MARK T., US
[72] TEJERO BRAVO, JESUS, US
[71] UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
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[25] EN
[54] **HIGH STRENGTH SHAPED ALUMINAS AND A METHOD OF PRODUCING SUCH HIGH STRENGTH SHAPED ALUMINAS**
[54] **ALUMINES FACONNEES A HAUTE RESISTANCE ET PROCEDE DE FABRICATION DE TELLES ALUMINES FACONNEES A HAUTE RESISTANCE**
[72] BARCLAY, DAVID A., US
[72] CHAVEZ, MARK M., US
[71] SASOL (USA) CORPORATION, US
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[54] **KNIFE FOR A COMMINUTING MACHINE**
[54] **COUTEAU POUR BROYEUR**
[72] PISCHON, STEFAN, AT
[72] KAINDL, JOSEF, AT
[71] UNTHA SHREDDING TECHNOLOGY GMBH, AT
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[25] EN
[54] **USE OF A COMPOSITION AND METHOD FOR REDUCING BACTERIAL SPORES IN PULP SUSPENSION**
[54] **UTILISATION D'UNE COMPOSITION ET PROCEDE POUR REDUIRE DES SPORES BACTERIENNES DANS UNE SUSPENSION DE PATE**
[72] AHOLA, JUHANA, FI
[72] KOLARI, MARKO, FI
[71] KEMIRA OYJ, FI
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[54] **METHOD AND APPARATUS FOR PERFORMING SIGNAL CONDITIONING TO MITIGATE INTERFERENCE DETECTED IN A COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL APTES A EXECUTER UN CONDITIONNEMENT DE SIGNAL AFIN D'ATTENUER UNE INTERFERENCE DETECTEE DANS UN SYSTEME DE COMMUNICATION**
[72] TACCONI, PABLO, US
[72] ABDELMONEM, AMR, US
[72] ZIA, NAUMAN, US
[71] ISCO INTERNATIONAL, LLC, US
[85] 2018-11-13
[86] 2017-05-24 (PCT/US2017/034237)
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[30] US (62/344,280) 2016-06-01
[30] US (62/481,789) 2017-04-05
[30] US (15/603,851) 2017-05-24

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[51] **Int.Cl. C08L 91/00 (2006.01) C09D 7/00 (2018.01) C10G 3/00 (2006.01) C10G 45/58 (2006.01) C10G 65/04 (2006.01) C10L 1/04 (2006.01) C10M 177/00 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING PARAFFINS AND METHOD FOR PRODUCING THE SAME**
[54] **COMPOSITION CONTENANT DES PARAFFINES ET SON PROCEDE DE PRODUCTION**
[72] RAMO, VIRPI, FI
[72] NYMAN, TOMI, FI
[72] ESKOLA, TANJA, FI
[71] NESTE CORPORATION, FI
[85] 2018-11-13
[86] 2017-05-16 (PCT/FI2017/050374)
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[54] **SPORTS HYDRATION APPARATUS**
[54] **APPAREIL HYDRATANT DE SPORT**
[72] SOLEY, RICK, AU
[71] SOLEY, RICK, AU
[85] 2018-11-14
[86] 2017-06-08 (PCT/AU2017/050572)
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[51] **Int.Cl. A61K 31/7125 (2006.01) A61P 21/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING ETEPLIRSEN**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DE L'ETEPLIRSEN**
[72] HOLT, THOMAS, US
[71] SAREPTA THERAPEUTICS, INC., US
[85] 2018-11-13
[86] 2017-05-24 (PCT/US2017/034265)
[87] (WO2017/213854)
[30] US (62/340,947) 2016-05-24
[30] US (62/429,160) 2016-12-02

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[51] **Int.Cl. G06K 9/00 (2006.01)**
[25] EN
[54] **DETECTING SENTINEL FRAMES IN VIDEO DELIVERY USING A PATTERN ANALYSIS**
[54] **DETECTION D'IMAGES DE SENTINELLE DANS UNE DISTRIBUTION VIDEO A L'AIDE D'UNE ANALYSE DE MODELE**
[72] EMEOTT, STEPHEN P., US
[72] LI, RENXIANG, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2018-11-13
[86] 2017-05-11 (PCT/US2017/032117)
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[30] US (15/153,236) 2016-05-12

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[51] **Int.Cl. C07D 405/14 (2006.01) A61K 31/407 (2006.01) A61P 3/10 (2006.01) A61P 35/00 (2006.01) C07D 403/04 (2006.01) C07D 403/14 (2006.01) C07D 471/10 (2006.01) C07D 487/10 (2006.01) C07D 491/10 (2006.01)**
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[54] **INHIBITORS OF THE MENIN-MLL INTERACTION**
[54] **INHIBITEURS DE L'INTERACTION MENINE-MLL**
[72] CACATIAN, SALVACION, US
[72] CLAREMON, DAVID A., US
[72] DILLARD, LAWRENCE WAYNE, US
[72] DONG, CHENGGUO, US
[72] FAN, YI, US
[72] JIA, LANQI, US
[72] LOTESTA, STEPHEN D., US
[72] MARCUS, ANDREW, US
[72] MORALES-RAMOS, ANGEL, US
[72] SINGH, SURESH B., US
[72] VENKATRAMAN, SHANKAR, US
[72] YUAN, JING, US
[72] ZHENG, YAJUN, US
[72] ZHUANG, LINGHANG, US
[72] PARENT, STEPHAN D., US
[72] HOUSTON, TRAVIS L., US
[71] VITAE PHARMACEUTICALS, INC., US
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[25] EN
[54] **PYRROLOPYRROLE COMPOSITIONS AS PYRUVATE KINASE (PKR) ACTIVATORS**
[54] **COMPOSITIONS DE PYRROLOPYRROLE EN TANT QU'ACTIVATEURS DE LA PYRUVATE KINASE (PKR)**
[72] ERICSSON, ANNA, US
[72] GREEN, NEAL, US
[72] GUSTAFSON, GARY, US
[72] HAN, BINGSONG, US
[72] LANCIA, DAVID R., JR., US
[72] MITCHELL, LORNA, US
[72] RICHARD, DAVID, US
[72] SHELEKHIN, TATIANA, US
[72] SMITH, CHASE C., US
[72] WANG, ZHONGGUO, US
[72] ZHENG, XIAOZHANG, US
[71] FORMA THERAPEUTICS, INC., US
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[86] 2018-03-20 (PCT/US2018/023405)
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[51] **Int.Cl. C07F 9/6558 (2006.01) C07F 9/6561 (2006.01)**
[25] EN
[54] **PROCESSES FOR PREPARING PHOSPHORODIAMIDATE MORPHOLINO OLIGOMERS**
[54] **PROCEDES DE PREPARATION D'OLIGOMERES MORPHOLINO DE PHOSPHORODIAMIDATE**
[72] CAI, BAO, US
[72] MARTINI, MITCHELL, US
[72] SHIMABUKU, ROSS, US
[72] THOMAS, KATIE, US
[71] SAREPTA THERAPEUTICS, INC., US
[85] 2018-11-13
[86] 2017-05-24 (PCT/US2017/034284)
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[30] US (62/340,953) 2016-05-24
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[51] **Int.Cl. G06K 9/00 (2006.01) H04N 21/234 (2011.01) H04N 21/81 (2011.01)**
[25] EN
[54] **GENERATING SYNTHETIC FRAME FEATURES FOR SENTINEL FRAME MATCHING**
[54] **GENERATION DE CARACTERISTIQUES DE TRAMES SYNTHETIQUES POUR UNE MISE EN CORRESPONDANCE DE TRAMES SENTINELLES**
[72] LI, RENXIANG, US
[72] EMEOTT, STEPHEN P., US
[72] ISHTIAQ, FAISAL, US
[71] ARRIS ENTERPRISES LLC, US
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[30] US (15/153,370) 2016-05-12

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[51] **Int.Cl. C12N 9/12 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **VARIANTS OF A DNA POLYMERASE OF THE POLX FAMILY**
[54] **VARIANTS D'UNE ADN POLYMERASE DE LA FAMILLE POLX**
[72] YBERT, THOMAS, FR
[72] DELARUE, MARC, FR
[71] DNA SCRIPT, FR
[71] INSTITUT PASTEUR, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2018-11-13
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[51] **Int.Cl. G01D 4/00 (2006.01)**
[25] EN
[54] **UTILITY METER FOR USE WITH DISTRIBUTED GENERATION DEVICE**
[54] **COMPTEUR DE SERVICE PUBLIC DESTINE A ETRE UTILISE AVEC UN DISPOSITIF DE GENERATION DISTRIBUEE**
[72] SCHAMBER, STEVEN JOHN, US
[72] VENKATESAN, PRASANNA, US
[71] LANDIS+GYR INNOVATIONS, INC., US
[85] 2018-11-13
[86] 2017-05-26 (PCT/US2017/034653)
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[51] **Int.Cl. A61N 2/00 (2006.01) A61B 5/024 (2006.01) A61B 5/0402 (2006.01) A61B 5/0476 (2006.01) A61B 5/08 (2006.01) A61N 2/02 (2006.01)**
[25] EN
[54] **DEVICE FOR THE TREATMENT OF THE HUMAN BODY USING ELECTROMAGNETIC FIELDS**
[54] **DISPOSITIF DE TRAITEMENT DU CORPS HUMAIN FAISANT APPEL A DES CHAMPS ELECTROMAGNETIQUES**
[72] DALLAGO, VALERIO, IT
[71] S.I.S.T.E.M.I. S.R.L. - SOCIETA' ITALIANA SEQEX TECNOLOGIE ELETTRO MEDICALI INNOVATIVE, IT
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[13] A1
[51] **Int.Cl. H04W 52/02 (2009.01) H04B 7/06 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR ENABLING RECEPTION OF BEAM SWEEP TRANSMISSIONS**
[54] **PROCEDES ET DISPOSITIFS POUR PERMETTRE LA RECEPTION D'EMISSIONS DE BALAYAGE DE FAISCEAU**
[72] RUNE, JOHAN, SE
[72] PRADAS, JOSE LUIS, SE
[72] REIAL, ANDRES, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2018-11-13
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[51] **Int.Cl. A61C 7/20 (2006.01) A61C 7/12 (2006.01)**
[25] FR
[54] **ORTHODONTIC SHAPE MEMORY BAND**
[54] **RUBAN ORTHODONTIQUE A MEMOIRE DE FORME**
[72] BENAROUCH, DAN, FR
[72] MAJBRUCH, DELPHINE, FR
[71] D & D, FR
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[86] 2017-05-16 (PCT/EP2017/061661)
[87] (WO2017/198640)
[30] FR (1654422) 2016-05-18

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[51] **Int.Cl. B66F 17/00 (2006.01) B66F 11/04 (2006.01)**
[25] FR
[54] **SYSTEM FOR ASSISTING IN THE EVALUATION AND MANAGEMENT OF A DANGER ON AN AERIAL LIFT**
[54] **SYSTEME D'AIDE A L'EVALUATION ET A LA GESTION D'UN DANGER SUR UNE NACELLE ELEVATRICE**
[72] VIAL, CYRILLE, FR
[72] LUMINET, PHILIPPE, FR
[71] HAULOTTE GROUP, FR
[85] 2018-11-13
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[30] FR (1654415) 2016-05-18

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[51] **Int.Cl. A61K 31/202 (2006.01) A61P 27/14 (2006.01)**
[25] EN
[54] **COMPOSITION FOR USE IN THE PROPHYLAXIS OF ALLERGIC DISEASE**
[54] **COMPOSITION DESTINEE A ETRE UTILISEE DANS LA PROPHYLAXIE DE MALADIES ALLERGIQUES**
[72] ECKHARDT, ERIK, FR
[72] NEMBRINI, CHIARA, CH
[72] JOURDAIN, LAURELINE, US
[71] NESTEC S.A., CH
[85] 2018-11-14
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[87] (WO2017/207124)
[30] EP (16172431.5) 2016-06-01

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[51] **Int.Cl. H04W 52/02 (2009.01) H04W 28/02 (2009.01) H04W 72/06 (2009.01) H04B 7/06 (2006.01)**
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[54] **DORMANT MODE MEASUREMENT OPTIMIZATION**
[54] **OPTIMISATION DE MESURES EN MODE DORMANT**
[72] LINCOLN, BO, SE
[72] KARIPIDIS, ELEFTHERIOS, SE
[72] SEMAAN, ELIANE, SE
[72] HESSLER, MARTIN, SE
[72] BALDEMAIR, ROBERT, SE
[72] PALENIUS, TORGNY, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[30] US (15/154,403) 2016-05-13

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[54] **TISSUE SUBSTITUTE MATERIALS AND METHODS FOR TISSUE REPAIR**
[54] **MATERIAUX DE SUBSTITUT DE TISSU ET PROCEDES DE REPARATION DE TISSU**
[72] MACEWAN, MATTHEW, US
[71] ACERA SURGICAL, INC., US
[85] 2018-11-13
[86] 2016-05-12 (PCT/US2016/032001)
[87] (WO2017/196325)

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[51] **Int.Cl. A21D 13/40 (2017.01) A23L 5/00 (2016.01) A21D 13/45 (2017.01) A21D 13/00 (2017.01) A47J 37/00 (2006.01) A47J 43/20 (2006.01)**
[25] EN
[54] **ASYMMETRICALLY PATTERNED BAKED BREAD FOOD**
[54] **MOTIF ASYMETRIQUE DE CUISSON D'ALIMENT TYPE PAIN**
[72] SAMUELS, JUSTIN, US
[72] ROCKWELL, SAMUEL, US
[71] SAMUELS, JUSTIN, US
[71] ROCKWELL, SAMUEL, US
[85] 2018-11-13
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[51] **Int.Cl. C07K 19/00 (2006.01) A61K 47/68 (2017.01) C07K 14/195 (2006.01) C07K 14/31 (2006.01) C07K 14/315 (2006.01) C07K 14/705 (2006.01) C07K 14/745 (2006.01) C07K 16/00 (2006.01) C07K 16/46 (2006.01) C07K 17/00 (2006.01) C12N 1/21 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR MAKING ANTIBODY CONJUGATES**
[54] **COMPOSITIONS ET PROCEDES DE PRODUCTION DE CONJUGUES D'ANTICORPS**
[72] TSOURKAS, ANDREW, US
[72] HUI, JAMES, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2018-11-13
[86] 2016-05-12 (PCT/US2016/032221)
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[54] **INDIRECT METHOD OF ARTICULAR TISSUE REPAIR**
[54] **METHODE INDIRECTE DE REPARATION DE TISSUS ARTICULAIRES**
[72] MURRAY, MARTHA M., US
[72] FLEMING, BRADEN C., US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
[71] RHODE ISLAND HOSPITAL, US
[85] 2018-11-13
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[54] **ESTIMATION DE LA FIDELITE DESTINEE A DES SYSTEMES INFORMATIQUES QUANTIQUES**
[72] MARTINIS, JOHN, US
[72] DING, NAN, US
[72] BABBUSH, RYAN, US
[72] ISAKOV, SERGEI V., CH
[72] NEVEN, HARTMUT, US
[72] SMELYANSKIY, VADIM, US
[72] CASTRILLO, SERGIO BOIXO, US
[71] GOOGLE LLC, US
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[51] **Int.Cl. H01M 10/54 (2006.01) C22B 7/00 (2006.01) C22B 26/12 (2006.01)**
[25] FR
[54] **METHOD FOR RECYCLING ELECTRODE MATERIALS OF A LITHIUM BATTERY**
[54] **PROCEDE POUR LE RECYCLAGE DE MATERIAUX D'ELECTRODE DE BATTERIE AU LITHIUM**
[72] AMOUZEGAR, KAMYAB, CA
[72] BOUCHARD, PATRICK, CA
[72] TURCOTTE, NANCY, CA
[72] ZAGHIB, KARIM, CA
[71] HYDRO-QUEBEC, CA
[85] 2018-11-14
[86] 2017-05-19 (PCT/CA2017/050611)
[87] (WO2017/197528)
[30] US (62/339,470) 2016-05-20

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[25] EN
[54] **METHODS AND SYSTEMS FOR SETTING A SYSTEM OF SUPER CONDUCTING QUBITS HAVING A HAMILTONIAN REPRESENTATIVE OF A POLYNOMIAL ON A BOUNDED INTEGER DOMAIN**
[54] **PROCEDES ET SYSTEMES DE CONFIGURATION D'UN SYSTEME DE QUBITS SUPRACONDUCTEURS AYANT UN REPRESENTANT HAMILTONIEN D'UN POLYNOME SUR UN DOMAINE ENTIER LIMITE**
[72] KARIMI, SAHAR, CA
[72] RONAGH, POOYA, CA
[71] 1QB INFORMATION TECHNOLOGIES INC., CA
[85] 2018-11-14
[86] 2017-05-26 (PCT/CA2017/050637)
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[30] US (15/165,655) 2016-05-26

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[51] **Int.Cl. H02K 3/28 (2006.01) H02K 7/18 (2006.01) H02K 15/00 (2006.01) H02K 3/12 (2006.01)**
[25] EN
[54] **WINDING OF A GENERATOR OF A WIND POWER INSTALLATION, AND METHOD FOR CONNECTING FLAT RIBBON CONDUCTORS**
[54] **ENROULEMENT D'UN GENERATEUR D'UNE EOLIENNE ET PROCEDE DE RACCORDEMENT DE CONDUCTEURS PLATS**
[72] ROER, JOCHEN, DE
[72] MOHLMANN, GERALD, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2018-11-14
[86] 2017-05-16 (PCT/EP2017/061688)
[87] (WO2017/211549)
[30] DE (10 2016 110 533.3) 2016-06-08

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[13] A1
[51] **Int.Cl. A61K 31/718 (2006.01) A61K 35/745 (2015.01) A61P 1/14 (2006.01) C08B 30/00 (2006.01)**
[25] EN
[54] **USE OF RESISTANT STARCH AS A PREBIOTIC TO MODIFY MICROBIOTA**
[54] **UTILISATION D'AMIDON RESISTANT DE POMME DE TERRE COMME PREBIOTIQUE POUR MODIFIER LE MICROBIOTE**
[72] MCLAREN, DEREK, CA
[72] MCLAREN, EARL, CA
[71] MCPHARMA BIOTECH INC., CA
[85] 2018-11-14
[86] 2017-07-06 (PCT/CA2017/050817)
[87] (WO2018/010013)
[30] US (62/362,760) 2016-07-15
[30] US (62/396,543) 2016-09-19

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[51] **Int.Cl. C07C 51/41 (2006.01) C07C 41/03 (2006.01) C07C 43/11 (2006.01) C07C 53/06 (2006.01) C07C 213/04 (2006.01) C07C 213/08 (2006.01) C07C 215/08 (2006.01) C07C 269/00 (2006.01) C07C 271/02 (2006.01) C08G 65/28 (2006.01) C08J 9/08 (2006.01)**
[25] EN
[54] **ORGANIC AMINE SALT COMPOUNDS HAVING CO2-DONATING ANIONS AND THEIR USE AS FOAMING AGENT**
[54] **COMPOSE ORGANIQUE DE SEL D'AMINE PRESENTANT DES ANIONS SERVANT DE DONNEURS DE CO2 ET APPLICATION DE CELUI-CI COMME AGENT MOUSSANT**
[72] BI, GEHUA, CN
[72] BI, YUSUI, CN
[71] SHANDONG UNIVERSITY OF TECHNOLOGY, CN
[85] 2018-11-14
[86] 2017-05-11 (PCT/CN2017/083949)
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[30] CN (201610392162.3) 2016-06-02

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[51] **Int.Cl. F16L 55/128 (2006.01)**
[25] EN
[54] **WATER-SOLUBLE PIPE-PLUGGING DEVICE AND PIPE-PLUGGING METHOD THEREOF**
[54] **DISPOSITIF D'OBTURATION DE TUYAU SOLUBLE DANS L'EAU ET SON PROCEDE D'OBTURATION DE TUYAU**
[72] LI, DEEN, CN
[71] LI, DEEN, CN
[85] 2018-11-14
[86] 2017-05-16 (PCT/CN2017/084500)
[87] (WO2017/215387)
[30] CN (201610409692.4) 2016-06-12
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[54] **SYSTEME DE SUPPORT DE COUVERCLE**
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[72] LANDENBERGER, LORENZ, DE
[71] BOBST BIELEFELD GMBH, DE
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[54] **TRANSDERMAL FORMULATIONS FOR DELIVERY OF CELECOXIB AND ITS USE IN THE TREATMENT OF CELECOXIB-RESPONSIVE DISEASES AND CONDITIONS**
[54] **FORMULATIONS TRANSDERMIQUES POUR L'ADMINISTRATION DE CELECOXIB ET LEUR UTILISATION DANS LE TRAITEMENT DE MALADIES ET DE PATHOLOGIES SENSIBLES AU CELCOXIB**
[72] GABRIELE, JOSEPH, CA
[72] TERIS, MIKAELA, CA
[71] DELIVRA INC., CA
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[54] **FLUORESCENT WHITENING AGENTS AND MIXTURES THEREOF**
[54] **AGENTS DE BLANCHIMENT FLUORESCENTS ET MELANGES DE CEUX-CI**
[72] HAFERMANN, MARCO, DE
[72] HAUSCHEL, BERND, DE
[72] HUNKE, BERNHARD, DE
[72] LANSING, THEO, DE
[72] KRAEMER, MICHAEL, DE
[72] PEEKHAUS, ROBERT, DE
[71] BLANKOPHOR GMBH & CO. KG, DE
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[54] **CANDY COLOR PAINT AND REFINISHING METHOD**
[54] **PEINTURE DE COULEUR BONBON ET PROCEDE DE RETOUCHE**
[72] GOEDHART, PAUL MARINUS, NL
[71] VALSPAR B.V., NL
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[54] **NEW CRYSTALLINE FORM OF N-[5-(3,5-DIFLUORO-BENZYL)-1H-INDAZOL-3-YL]-4-(4-METHYL-PIPERAZIN-1-YL)-2-(TETRAHYDRO-PYRAN-4-YLAMINO)-BENZAMIDE**
[54] **NOUVELLE FORME CRISTALLINE DE N-[5-(3,5-DIFLUORO-BENZYL)-1H-INDAZOL-3-YL]-4-(4-METHYL-PIPERAZIN-1-YL)-2-(TETRAHYDRO-PYRAN-4-YLAMINO)-BENZAMIDE**
[72] CANDIANI, ILARIA, IT
[72] OTTAIANO, GIOVANNI, IT
[72] TOMASI, ATTILIO, IT
[71] NERVIANO MEDICAL SCIENCES S.R.L., IT
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[25] EN
[54] **A SYSTEM AND METHOD FOR ULTRASOUND-ENHANCED DELIVERY OF DRUGS**
[54] **SYSTEME ET PROCEDE POUR ADMINISTRATION AMELIOREE PAR ULTRASONS DE MEDICAMENTS**
[72] SUEN, WAI LEUNG LANGSTON, CN
[72] CHEUNG, SIN HANG SARAH, CN
[72] ENGELS, JAN FREDERIK, CN
[71] SONIKURE HOLDINGS LIMITED, CN
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[25] EN
[54] **VARIANTS OF CHYMOSIN WITH IMPROVED MILK-CLOTTING PROPERTIES**
[54] **VARIANTS DE CHYMOSINE POSSEDANT DES PROPRIETES DE CAILLAGE DU LAIT AMELIOREES**
[72] JAECKEL, CHRISTIAN, DK
[72] LUND, MARTIN, DK
[72] VAN DEN BRINK, JOHANNES MAARTEN, DK
[71] CHR. HANSEN A/S, DK
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[25] EN
[54] **VARIANTS OF CHYMOSIN WITH IMPROVED MILK-CLOTTING PROPERTIES**
[54] **VARIANTS DE CHYMOSINE POSSEDANT DES PROPRIETES DE CAILLAGE DU LAIT AMELIOREES**
[72] JAECKEL, CHRISTIAN, DK
[72] LUND, MARTIN, DK
[72] VAN DEN BRINK, JOHANNES MAARTEN, DK
[71] CHR. HANSEN A/S, DK
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[54] **METHOD FOR RECOVERY OF PHOSPHATE**
[54] **PROCEDE DE RECUPERATION DE PHOSPHATE**
[72] NILSEN, PAAL JAHRE, NO
[72] HOLTE, HANS RASMUS, NO
[71] CAMBI TECHNOLOGY AS, NO
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[54] **PERSONAL CARE COMPOSITION**
[54] **COMPOSITION DE SOINS PERSONNELS**
[72] MENG, SHENG, CN
[72] MURRAY, ANDREW MALCOLM, GB
[72] SONG, WENHUI, CN
[72] YUAN, SU, CN
[72] ZHAO, WEI, CN
[72] YANG, XIAOXIA, CN
[72] WANG, XIAOLI, CN
[71] UNILEVER PLC, GB
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[25] EN
[54] **CLIMBING DEVICE FOR CARRYING OUT A MOVEMENT RELATIVE TO A TOWER AND METHOD FOR PRODUCING A TOWER**
[54] **DISPOSITIF DE MONTEE POUR LA REALISATION D'UN MOUVEMENT PAR RAPPORT A UN MAT ET PROCEDE DE FABRICATION D'UN MAT**
[72] KNOOP, FRANK, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[86] 2017-05-23 (PCT/EP2017/062408)
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[54] **A MOVEMENT PLATFORM SYSTEM**
[54] **SYSTEME DE PLATEFORME DE MOUVEMENT**
[72] VELTENA, MARINUS CORNELIS CHRISTAAN, NL
[71] E2M TECHNOLOGIES B.V., NL
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[86] 2017-05-24 (PCT/EP2017/062557)
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[54] **RESEAUX POLYMERES D'INTERPENETRATION**
[72] WONG, WILLIAM SAI YAU, AU
[72] TRICOLI, ANTONIO, AU
[72] NISBET, DAVID RUSSELL, AU
[72] STACHURSKI, ZBIGNIEW, AU
[71] THE AUSTRALIAN NATIONAL UNIVERSITY, AU
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[54] **INSTALLATION DE STOCKAGE ET DE DISTRIBUTION DE CARBURANT**
[54] **FACILITY FOR STORING AND DISPENSING FUEL**
[72] CLOUTIER, PHILIPPE, FR
[71] TOKHEIM HOLDING B.V., NL
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[25] EN
[54] **METHODS FOR OPTIMISING METABOLITE PRODUCTION IN GENETICALLY MODIFIED PLANTS AND FOR PROCESSING THESE PLANTS**
[54] **PROCEDES D'OPTIMISATION DE LA PRODUCTION DE METABOLITES DANS DES PLANTES GENETIQUEMENT MODIFIEES ET DE TRAITEMENT DE CES PLANTES**
[72] ANDRE, CARL, US
[72] CAVENDER, ANTHONY J, US
[71] BASF PLANT SCIENCE COMPANY GMBH, DE
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[25] EN
[54] **LATE CUSTOMIZATION ON VALVE BODY END CONNECTIONS USING ADDITIVE MANUFACTURING**
[54] **PERSONNALISATION TARDIVE SUR DES RACCORDS D'EXTREMITE DE CORPS DE VANNE AU MOYEN D'UNE FABRICATION ADDITIVE**
[72] LAI, TAN K., SG
[72] SIANG, CHONG S., SG
[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[51] **Int.Cl. F16K 27/02 (2006.01) B22C 9/02 (2006.01) B22C 9/10 (2006.01) B22F 3/105 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A VALVE BODY HAVING ONE OR MORE CORROSION-RESISTANT INTERNAL SURFACES**
[54] **PROCEDE DE FABRICATION D'UN CORPS DE VANNE POSSEDANT UNE OU PLUSIEURS SURFACES INTERNES RESISTANT A LA CORROSION**
[72] LAI, TAN K., SG
[72] SIANG, CHONG S., SG
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2018-11-09
[86] 2017-04-20 (PCT/US2017/028600)
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[25] EN
[54] **METHOD AND APPARATUS FOR LATE-CUSTOMIZATION OF VALVE BODY ENDS BY ADDING FLANGES USING ALGORITHMS FOR WELD DISTORTION PREDICTION**
[54] **PROCEDE ET APPAREIL POUR RECONFIGURATION TARDIVE D'EXTREMITES DE CORPS DE VANNE PAR AJOUT DE BRIDES A L'AIDE D'ALGORITHMES POUR PREVISION DE DISTORSION DE SOUDAGE**
[72] GRABAU, TED DENNIS, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2018-11-09
[86] 2017-05-03 (PCT/US2017/030798)
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[54] **REVETEMENT DE SURFACES SOLIDES EN SOIE D'ARAIGNEE**
[72] HEDHAMMAR, MY, SE
[72] NILEBACK, LINNEA, SE
[71] SPIBER TECHNOLOGIES AB, SE
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[54] **STABLE, GLUFOSINATE-CONTAINING HERBICIDAL COMPOSITIONS**
[54] **COMPOSITIONS HERBICIDES STABLES CONTENANT DU GLUFOSINATE**
[72] LONG, MELVIN, US
[72] MCALPIN, THOMAS, US
[71] BASF SE, DE
[85] 2018-11-09
[86] 2017-05-09 (PCT/US2017/031774)
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[25] EN
[54] **FASTING MIMICKING DIET (FMD) AS AN IMMUNOREGULATORY TREATMENT FOR GASTROINTESTINAL AUTOIMMUNE/INFLAMMATORY DISEASES.**
[54] **REGIME MIMANT LE JEUNE (FMD) EN TANT QUE TRAITEMENT IMMUNOREGULATEUR POUR DES MALADIES AUTO-IMMUNES/INFLAMMATOIRES GASTRO-INTESTINALES**
[72] LONGO, VALTER D., US
[72] CHOI, IN YOUNG, US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2018-11-09
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[25] EN
[54] **SELECTION OF HUMAN HEMATOPOETIC STEM CELLS USING EPCR**
[54] **SELECTION DE CELLULES SOUCHES HEMATOPOIETIQUES HUMAINES A L'AIDE DE L'EPCR**
[72] SAUVAGEAU, GUY, CA
[72] FARES, IMAN, US
[72] CHAGRAOUI, JALILA, CA
[71] UNIVERSITE DE MONTREAL, CA
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[86] 2017-05-31 (PCT/CA2017/050661)
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[25] EN
[54] **MULTIPURPOSE BEVERAGE PREPARATION MACHINE AND ELECTRONIC DEVICE FOR CONTROLLING THE SAME**
[54] **MACHINE DE PREPARATION DE BOISSON MULTIFONCTION ET DISPOSITIF ELECTRONIQUE POUR COMMANDER CELLE-CI**
[72] MAGATTI, MARCO, CH
[71] NESTEC SA, CH
[85] 2018-11-14
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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR RECEIVING SMOKABLE MATERIAL**
[54] **APPAREIL PERMETTANT DE RECEVOIR UNE SUBSTANCE A FUMER**
[72] THORSEN, MITCHEL, US
[72] MEHNERT, JOHN CLAY, US
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2018-11-09
[86] 2017-05-12 (PCT/EP2017/061523)
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[25] EN
[54] **SUBTILASE VARIANTS AND POLYNUCLEOTIDES ENCODING SAME**
[54] **VARIANTS DE SUBTILASE ET POLYNUCLEOTIDES CODANT POUR CEUX-CI**
[72] NIELSEN, JENS ERIK, DK
[72] JOELCK, MALENE IRMING, DK
[72] CHRISTENSEN, LARS LEHMANN HYLLING, DK
[72] SILOW, MARIA BERGGAARD, DK
[72] HANSEN, PETER KAMP, DK
[71] NOVOZYMES A/S, DK
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[54] **METHODS OF TREATING AUTOIMMUNE DISEASE USING ALLOGENEIC T CELLS**
[54] **METHODES DE TRAITEMENT D'UNE MALADIE AUTO-IMMUNE A L'AIDE DE LYMPHOCYTES T ALLOGENIQUES**
[72] KHANNA, RAJIV, AU
[71] THE COUNCIL OF THE QUEENSLAND INSTITUTE OF MEDICAL RESEARCH, AU
[85] 2018-11-14
[86] 2017-05-25 (PCT/IB2017/000805)
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[30] US (62/341,360) 2016-05-25
[30] US (62/359,326) 2016-07-07
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[54] **USE OF CARBAMATE COMPOUND IN ORDER TO PREVENTATIVELY TREAT HEADACHES**
[54] **UTILISATION D'UN COMPOSE CARBAMATE POUR LE TRAITEMENT PREVENTIF DE MAUX DE TETE**
[72] SHIN, HYE WON, KR
[72] PARK, YOON KYUNG, KR
[71] SK BIOPHARMACEUTICALS CO., LTD., KR
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[30] KR (10-2016-0061374) 2016-05-19

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[54] **DEVICE AND SYSTEM FOR DETECTING A FORCE**
[54] **DISPOSITIF ET SYSTEME PERMETTANT DE DETECTER UNE FORCE**
[72] MOOR, TIMOTHY NICHOLAS, GB
[71] HP1 TECHNOLOGIES LIMITED, GB
[85] 2018-11-14
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[25] EN
[54] **SYSTEM FOR THE ROTATABLE COUPLING OF A CLOSING ELEMENT AND STATIONARY SUPPORT STRUCTURE**
[54] **SYSTEME POUR L'ACCOUPLEMENT ROTATIF D'UN ELEMENT DE FERMETURE ET D'UNE STRUCTURE DE SUPPORT STATIONNAIRE**
[72] BACCHETTI, LUCIANO, IT
[71] IN & TEC S.R.L., IT
[85] 2018-11-14
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[30] IT (102016000051288) 2016-05-18

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[25] EN
[54] **INTERMEDIATES FOR THE SYNTHESIS OF BILE ACID DERIVATIVES, IN PARTICULAR OF OBETICHOLIC ACID**
[54] **INTERMEDIAIRES POUR LA SYNTHESE DE DERIVES DE L'ACIDE BILIAIRE, EN PARTICULIER DE L'ACIDE OBETICHOLIQUE**
[72] WEYMOUTH-WILSON, ALEXANDER CHARLES, GB
[72] KOMSTA, ZOFIA, GB
[72] WALLIS, LAURA, GB
[72] EVANS, TIMOTHY, GB
[72] DAVIES, IEUAN, GB
[72] OTTER, CARL, GB
[72] BATCHELOR, RHYS, GB
[71] NZP UK LIMITED, GB
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[54] **PARTICULES D'OXYDE DE CERIUM ET LEUR PROCEDE DE PRODUCTION**
[72] OHTAKE, NAOTAKA, JP
[72] OCAMPO, FABIEN, FR
[72] JORGE COELHO MARQUES, RUI MIGUEL, CN
[71] RHODIA OPERATIONS, FR
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[54] **METHODS AND COMPOUNDS**
[54] **PROCEDE ET INTERMEDIAIRES POUR L'EPOXYDATION 6,7-ALPHA DE 4,6-DIENES STEROIDES**
[72] WEYMOUTH-WILSON, ALEXANDER CHARLES, GB
[72] KOMSTA, ZOFIA, GB
[72] WALLIS, LAURA, GB
[72] EVANS, TIMOTHY, GB
[71] NZP UK LIMITED, GB
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[54] **USE OF CARBAMATE COMPOUND FOR PREVENTING OR TREATING TRIGEMINAL NEURALGIA**
[54] **UTILISATION D'UN COMPOSE CARBAMATE POUR LA PREVENTION OU LE TRAITEMENT DE LA NEVRALGIE DU TRIJUMEAU**
[72] JO, MIN JAE, KR
[72] HWANG, SUN GWAN, KR
[72] YI, HAN JU, KR
[71] SK BIOPHARMACEUTICALS CO., LTD., KR
[85] 2018-11-14
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[54] **STEROID 6.7.BETA.-EPOXIDES AS CHEMICAL INTERMEDIATES**
[54] **BETA-EPOXYDES DE STEROIDES 6.7 COMME INTERMEDIAIRES CHIMIQUES**
[72] WEYMOUTH-WILSON, ALEXANDER CHARLES, GB
[72] KOMSTA, ZOFIA, GB
[72] WALLIS, LAURA, GB
[72] DAVIES, IEUAN, GB
[72] WANG, JINGJING, GB
[71] NZP UK LIMITED, GB
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[25] EN
[54] **USE OF CARBAMATE COMPOUND FOR PREVENTING OR TREATING FIBROMYALGIA OR FUNCTIONAL SYNDROME ASSOCIATED WITH FIBROMYALGIA**
[54] **UTILISATION D'UN COMPOSE DE CARBAMATE POUR PREVENIR OU TRAITER LA FIBROMYALGIE OU UN SYNDROME FONCTIONNEL ASSOCIE A LA FIBROMYALGIE**
[72] JO, MIN JAE, KR
[72] YI, HAN JU, KR
[72] HWANG, SUN GWAN, KR
[71] SK BIOPHARMACEUTICALS CO., LTD., KR
[85] 2018-11-14
[86] 2017-05-18 (PCT/KR2017/005173)
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[25] EN
[54] **A PROCESS FOR DEGRADING PLASTIC PRODUCTS**
[54] **PROCEDE DE DEGRADATION DE PRODUITS PLASTIQUES**
[72] DESROUSSEAUX, MARIE-LAURE, FR
[72] TEXIER, HELENE, FR
[72] DUQUESNE, SOPHIE, FR
[72] MARTY, ALAIN, FR
[72] ALOUI DALIBEY, MEDIHA, FR
[72] CHATEAU, MICHEL, FR
[71] CARBIOS, FR
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[54] **CONTACT LENS FOR PRESBYOPIA**
[54] **LENTILLE DE CONTACT POUR PRESBYTIE**
[72] LEE, SEONG JUN, KR
[72] LEE, HYUN SEUNG, KR
[72] LEE, HYUN JEONG, KR
[71] LEE, SEONG JUN, KR
[71] LEE, HYUN SEUNG, KR
[71] LEE, HYUN JEONG, KR
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[25] EN
[54] **SYSTEM FOR THE ROTATABLE COUPLING OF A CLOSING ELEMENT AND A STATIONATY SUPPORT STRUCTURE THEREOF**
[54] **SYSTEME POUR LE COUPLAGE ROTATIF D'UN ELEMENT DE FERMETURE ET D'UNE STRUCTURE DE SUPPORT STATIONNAIRE DE CELUI-CI**
[72] BACCHETTI, LUCIANO, IT
[71] IN & TEC S.R.L., IT
[85] 2018-11-14
[86] 2017-05-18 (PCT/IB2017/052923)
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[54] **METHOD AND SYSTEM FOR IDENTIFYING A PARKING SPACE**
[54] **PROCEDE ET SYSTEME D'IDENTIFICATION DE PLACE DE STATIONNEMENT**
[72] BELL, LANDON, US
[71] BELL, LANDON, US
[85] 2018-11-14
[86] 2017-03-27 (PCT/US2017/024352)
[87] (WO2017/176489)
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[51] **Int.Cl. A61C 13/00 (2006.01)**
[25] EN
[54] **COMPUTER-ASSISTED MANUFACTURING METHOD FOR A TOOTH REPLACEMENT PART OR A DENTAL AUXILIARY ELEMENT**
[54] **PROCEDE DE FABRICATION ASSISTE PAR ORDINATEUR POUR PROTHESE DENTAIRE OU ELEMENT AUXILIAIRE DENTAIRE**
[72] SCHAFER, ANDREAS, DE
[71] SIRONA DENTAL SYSTEMS GMBH, DE
[85] 2018-11-14
[86] 2017-05-19 (PCT/EP2017/062062)
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[30] DE (10 2016 208 794.0) 2016-05-20

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[25] EN
[54] **INFRARED RADIATION HEATER**
[54] **DISPOSITIF DE CHAUFFAGE PAR RAYONNEMENT INFRAROUGE**
[72] KIMPARA, NAOYA, JP
[71] SHIZUOKA SEIKI CO., LTD., JP
[85] 2018-11-14
[86] 2016-12-27 (PCT/JP2016/088844)
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[25] EN
[54] **ADSORBENT AND METHOD FOR PRODUCING SAME, METHOD FOR REMOVING CARBON DIOXIDE, CARBON DIOXIDE REMOVING DEVICE, AND AIR CONDITIONING DEVICE**
[54] **ADSORBANT ET SON PROCEDE DE PRODUCTION, PROCEDE D'ELIMINATION DU DIOXYDE DE CARBONE, DISPOSITIF D'ELIMINATION DU DIOXYDE DE CARBONE ET DISPOSITIF DE CLIMATISATION**
[72] AOSHIMA, MASAHIRO, JP
[72] SHIMAZAKI, TOSHIKATSU, JP
[72] NAKAMURA, HIDEHIRO, JP
[72] YOSHIKAWA, KOUHEI, JP
[72] KANEEDA, MASATO, JP
[71] HITACHI CHEMICAL COMPANY, LTD., JP
[85] 2018-11-14
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[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO NUCLEIC ACID AMPLIFICATION PROCESSES**
[54] **AMELIORATIONS DE OU CONCERNANT DES PROCEDES D'AMPLIFICATION D'ACIDES NUCLEIQUES**
[72] PROVINS, JARROD, GB
[72] SHEN, DAIWEI, GB
[72] KRAYNACK, BRYAN, GB
[71] LUMIRADX UK LTD, GB
[85] 2018-11-14
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[30] GB (1611469.6) 2016-06-30

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[54] **PRODUCTION OF A CANINE BETA CELL LINE FROM AN IMMATURE PANCREAS**
[54] **PRODUCTION D'UNE LIGNEE CELLULAIRE BETA CANINE A PARTIR D'UN PANCREAS IMMATURE**
[72] CZERNICHOW, PAUL, FR
[71] ANIMAL CELL THERAPY - ACT, FR
[85] 2018-11-09
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[25] EN
[54] **IMPROVED ASSAY WITH SYNAPTOBREVIN BASED MOIETY**
[54] **ESSAI AMELIORE AVEC UN FRAGMENT A BASE DE SYNAPTOBREVINE**
[72] PIAZZA, TIMOTHY, US
[72] DUNNING, FRANCIS MARK, US
[72] TUCKER, WARD C., US
[71] BIOMADISON, INC., US
[85] 2018-11-14
[86] 2017-05-16 (PCT/US2017/032954)
[87] (WO2017/201079)
[30] US (62/336,964) 2016-05-16
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[51] **Int.Cl. A61H 35/04 (2006.01) A61M 11/04 (2006.01)**
[25] EN
[54] **FLUID DELIVERY APPARATUS**
[54] **APPAREIL D'ADMINISTRATION DE FLUIDE**
[72] FRENCH, ALEXANDRA GRACE, AU
[72] ROGERS, MADDISON JANE, AU
[72] CECCATO, LUKE JOHN, AU
[71] SINACLEAR IP PTY LTD, AU
[85] 2018-11-09
[86] 2016-02-12 (PCT/AU2016/050093)
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[51] **Int.Cl. A61F 9/007 (2006.01)**
[25] EN
[54] **VITRECTOMY PROBE WITH ROTARY CUTTER AND ASSOCIATED DEVICES, SYSTEMS, AND METHODS**
[54] **SONDE DE VITRECTOMIE AVEC DISPOSITIF DE COUPE ROTATIF ET DISPOSITIFS, SYSTEMES ET PROCEDES ASSOCIES**
[72] CHARLES, STEVEN, US
[71] NOVARTIS AG, CH
[85] 2018-11-14
[86] 2017-07-10 (PCT/IB2017/054150)
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[54] **BACTERIA-BASED GEL COMPOSITIONS FOR TOPICAL APPLICATIONS AND USES THEREOF**
[54] **COMPOSITIONS DE GEL A BASE DE BACTERIES POUR APPLICATION TOPIQUE ET UTILISATIONS ASSOCIEES**
[72] MOGNA, GIOVANNI, IT
[71] PROBIOTICAL S.P.A., IT
[85] 2018-11-09
[86] 2017-05-31 (PCT/IB2017/053206)
[87] (WO2017/208172)
[30] IT (102016000057122) 2016-06-01

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[51] **Int.Cl. A61K 31/194 (2006.01) A61K 31/282 (2006.01) A61K 31/454 (2006.01)**
[25] EN
[54] **IMPROVED THERAPEUTIC INDEX OF ANTI-IMMUNE CHECKPOINT INHIBITORS USING COMBINATION THERAPY COMPRISING A PHY906 EXTRACT, A SCUTELLARIA BAICALENSIS GEORGI (S) EXTRACT OR A COMPOUND FROM SUCH EXTRACTS**
[54] **AMELIORATION DE L'INDICE THERAPEUTIQUE D'INHIBITEURS DES POINTS DE CONTROLE ANTI-IMMUNITAIRE PAR UTILISATION D'UN TRAITEMENT D'ASSOCIATION COMPRENANT UN EXTRAIT DE PHY906, UN EXTRAIT DE SCUTELLARIA BAICALENSIS GEORGI (S) OU UN COMPOSE PROVENANT DE CES EXTRAITS**
[72] CHENG, YUNG-CHI, US
[72] CHEN, LIEPING, US
[71] YALE UNIVERSITY, US
[85] 2018-11-14
[86] 2017-05-23 (PCT/US2017/034025)
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[30] US (62/340,164) 2016-05-23

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[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **REPLACEABLE DRESSING AND METHOD FOR VIEWING A TISSUE SITE**
[54] **PANSEMENT REMPLACABLE ET PROCEDE DE VISUALISATION D'UN SITE TISSULAIRE**
[72] SIMMONS, TYLER H., US
[71] KCI LICENSING, INC., US
[85] 2018-11-14
[86] 2017-05-10 (PCT/US2017/031923)
[87] (WO2017/200814)
[30] US (62/339,246) 2016-05-20

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[51] **Int.Cl. H04N 5/378 (2011.01) H04N 5/353 (2011.01) H04N 5/374 (2011.01) G02B 3/00 (2006.01)**
[25] EN
[54] **PHOTODETECTOR ADAPTED TO PROVIDE ADDITIONAL COLOR INFORMATION**
[54] **PHOTODETECTEUR CONCU POUR FOURNIR DES INFORMATIONS DE COULEUR SUPPLEMENTAIRES**
[72] LADD, JOHN W., US
[72] CROUCH, JAMES E., US
[72] MAGNANI, ALBERTO M., US
[71] BAE SYSTEMS IMAGING SOLUTIONS INC., US
[85] 2018-11-14
[86] 2017-05-31 (PCT/US2017/035122)
[87] (WO2017/210250)
[30] US (62/343,314) 2016-05-31

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[51] **Int.Cl. G06T 19/00 (2011.01) G06F 3/01 (2006.01)**
[25] EN
[54] **AUGMENTED REALITY PLATFORM USING CAPTURED FOOTAGE FROM MULTIPLE ANGLES**
[54] **PLATE-FORME DE REALITE AUGMENTEE UTILISANT UNE SEQUENCE CAPTUREE SOUS DE MULTIPLES ANGLES**
[72] KORMANDEL, SAGI, US
[72] CHU, KELLY, US
[71] AUGMENTLY, INC., US
[85] 2018-11-14
[86] 2017-05-19 (PCT/IB2017/052971)
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[30] US (15/159,485) 2016-05-19

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[51] **Int.Cl. A01K 61/80 (2017.01) A01K 61/65 (2017.01)**
[25] EN
[54] **SUBMERSIBLE FEEDING, CONTROL AND COMMAND PLATFORM**
[54] **PLATE-FORME SUBMERSIBLE D'ALIMENTATION, DE CONTROLE ET DE COMMANDE**
[72] SIMOES ALVES VIEIRA, ANTONIO, PT
[71] SIMOES ALVES VIEIRA, ANTONIO, PT
[85] 2018-11-14
[86] 2017-05-26 (PCT/PT2017/000012)
[87] (WO2017/209636)
[30] PT (109416) 2016-05-31

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[51] **Int.Cl. B28B 11/24 (2006.01) C04B 40/00 (2006.01) F26B 3/04 (2006.01) F26B 9/06 (2006.01) F26B 21/04 (2006.01)**
[25] EN
[54] **CONDITIONED CURING SYSTEMS AND PROCESSES THEREOF**
[54] **SYSTEMES DE DURCISSEMENT CONDITIONNES ET PROCEDES CORRESPONDANTS**
[72] JIMENEZ, ANDREA CECILIA MONTOYA, US
[72] ATAKAN, VAHIT, US
[72] MARTINY, ANDRES, US
[72] PERRY, GEORGE MATTHEW, US
[72] SMITH, KENNETH MICHAEL, US
[72] PATTEN, DEVIN, US
[72] CASTORO, DANIEL, US
[72] NARINE, SHALENDRA, US
[72] SETH, ANUJ, US
[72] QUINN, SEAN CAMRON, US
[71] SOLIDIA TECHNOLOGIES, INC., US
[85] 2018-11-14
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[30] US (62/343,633) 2016-05-31

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[51] **Int.Cl. D21H 11/18 (2006.01) D21H 11/20 (2006.01) D21H 19/34 (2006.01) D21H 19/52 (2006.01) D21H 21/18 (2006.01)**
[25] EN
[54] **MODIFIED NANOCRYSTALINE CELLULOSE MATERIALS AND FORMULATIONS AND PRODUCTS MADE THEREFROM**
[54] **MATERIAUX DE CELLULOSE NANOCRISTALLINE MODIFIES ET FORMULATIONS ET PRODUITS FABRIQUES A PARTIR DE CEUX-CI**
[72] BEN SHALOM, TAL, IL
[72] SHOSEYOV, ODED, IL
[72] LAPIDOT, SHAUL, IL
[72] AZERRAF, CLARITE, IL
[72] NEVO, YUVAL, IL
[71] MELODEA LTD., IL
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD, IL
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[30] US (62/337,014) 2016-05-16

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[51] **Int.Cl. G06Q 50/08 (2012.01) G05B 23/00 (2006.01)**
[25] EN
[54] **GROUND ENGAGING TOOL MANAGEMENT**
[54] **GESTION D'OUTIL D'ENTREE EN PRISE AVEC LE SOL**
[72] FINLEY, TAYLOR M., US
[72] CARPENTER, CHRISTOPHER M., US
[72] WILKINSON, ERIC E., US
[71] ESCO GROUP LLC, US
[85] 2018-11-14
[86] 2017-05-31 (PCT/US2017/035319)
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[30] US (62/344,312) 2016-06-01

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[51] **Int.Cl. B01D 5/00 (2006.01) B01D 19/00 (2006.01) C10L 1/10 (2006.01) F02P 5/145 (2006.01) F23K 5/18 (2006.01) F26B 21/08 (2006.01)**
[25] EN
[54] **CATALYTIC REACTIVE COMPONENT REDUCTION SYSTEM AND METHODS FOR THE USE THEREOF**
[54] **SYSTEME DE REDUCTION CATALYTIQUE DE COMPOSANT REACTIF ET SES PROCEDES D'UTILISATION**
[72] WALKER, STEPHEN, US
[72] LIMAYE, SANTOSH, US
[72] JUNG, WESLEY, US
[72] ROBERTSON, STUART, US
[71] WALKER, STEPHEN, US
[71] LIMAYE, SANTOSH, US
[71] JUNG, WESLEY, US
[71] ROBERTSON, STUART, US
[85] 2018-11-14
[86] 2017-05-16 (PCT/US2017/032899)
[87] (WO2017/201044)
[30] US (62/337,043) 2016-05-16

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[51] **Int.Cl. B60G 3/18 (2006.01) B60G 3/00 (2006.01) B60G 3/20 (2006.01) B60G 7/00 (2006.01) B60G 11/00 (2006.01) B60G 11/26 (2006.01) B60G 11/27 (2006.01)**
[25] EN
[54] **VEHICLE REAR SUSPENSION SYSTEM**
[54] **SYSTEME DE SUSPENSION ARRIERE DE VEHICULE**
[72] MILTON, TREVOR R., US
[72] LYNK, KEVIN M., US
[72] SADLIK, ADAM, US
[72] LORENZ, EDWIN, US
[72] SCHLUNDT, MICHAEL, US
[72] BARR, PAUL, US
[71] ARVINMERITOR TECHNOLOGY, LLC, US
[71] BLUEGENTECH LLC, US
[85] 2018-11-09
[86] 2017-05-09 (PCT/US2017/031653)
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[30] US (62/391,745) 2016-05-09
[30] US (15/357,350) 2016-11-21
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[51] **Int.Cl. C12N 9/24 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **NON-AQUEOUS, NON-OIL BACILLUS AMYLOLIQUEFACIENS COMPOSITIONS**
[54] **COMPOSITIONS DE BACILLUS AMYLOLIQUEFACIENS NON HUILEUSES ET NON AQUEUSES**
[72] HUANG, ZHENGYU, US
[72] BELKIND, BENJAMIN A., US
[72] GANGAVARAPU, VENKAT, US
[72] ZHENG, ZUOXING, US
[72] MAYHEW, TODD JAMES, US
[72] ALCALA, ANA VIDA C., US
[71] VALENT BIOSCIENCES LLC, US
[85] 2018-11-14
[86] 2017-06-02 (PCT/US2017/035594)
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[30] US (62/345,420) 2016-06-03

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[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE LA TUBERCULOSE SECONDAIRE ET DES INFECTIONS A MYCOBACTERIUM NON TUBERCULEUSES**
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[71] INFECTIOUS DISEASE RESEARCH INSTITUTE, US
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[71] BENZ RESEARCH AND DEVELOPMENT CORP., US
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[54] **COMPOSITIONS DE MICROBES VIVANTS NON AQUEUSES NON AQUEUSES SANS HUILE**
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[72] BELKIND, BENJAMIN A., US
[72] DEVISETTY, BALA N., US
[72] GANGAVARAPU, VENKAT, US
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[54] **DISPOSITIF DETECTEUR D'EMPREINTE DIGITALE ET PROCEDES ASSOCIES**
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[72] VELEZ, MARIO FRANCISCO, US
[72] TSENG, CHIN-JEN, US
[72] PANCHAWAGH, HRISHIKESH VIJAYKUMAR, US
[72] SAMMOURA, FIRAS, US
[72] STROHMANN, JESSICA LIU, US
[72] DJORDJEV, KOSTADIN DIMITROV, US
[72] BURNS, DAVID WILLIAM, US
[72] FENNELL, LEONARD EUGENE, US
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[54] **POINTS PDOT HYBRIDES POLYMERE-SILICE ET LEURS PROCEDES D'UTILISATION**
[72] CHIU, DANIEL T., US
[72] YU, JIANGBO, US
[72] RONG, YU, US
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[54] **TECHNIQUES DE DETECTION ET DE RESOLUTION D'ATTRIBUTS D'ENSEMBLE DE SERVICES DE BASE**
[72] PATIL, ABHISHEK PRAMOD, US
[72] KAKANI, NAVEEN KUMAR, US
[72] ASTERJADHI, ALFRED, US
[72] CHERIAN, GEORGE, US
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[54] **NOVEL CYCLOSPORIN DERIVATIVES AND USES THEREOF**
[54] **NOUVEAUX DERIVES DE CYCLOSPORINE ET LEURS UTILISATIONS**
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[72] YANG, SUIZHOU, US
[72] LONG, ZHENGYU, US
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[54] **CONTACT BIOLOGIQUE ET TRAITEMENT PAR FLOTTATION A L'AIR DISSOUS D'EAUX PLUVIALES**
[72] ANTONNEAU, NATHAN, US
[71] EVOQUA WATER TECHNOLOGIES LLC, US
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[54] **SYSTEME ET PROCEDE DE LOCALISATION D'IMAGES D'EFFECTEURS PENDANT UN ACTE MEDICAL**
[72] ISAACS, ROBERT E., US
[72] JOHNSTON, SAMUEL MORRIS, US
[72] SKWERER, DAVID ALEXANDER, US
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[54] **SYSTEME ET PROCEDE DE COMMANDE DE PERFORMANCE DE CAPTURE DE DECHETS DANGEREUX AQUEUX**
[72] MERTZ, JOSHUA, US
[72] SIMPSON, BRETT, US
[72] LAMARCHE, WHITNEY, US
[72] NULLE, CLAY, US
[72] LUEY, JA-KAEL, US
[72] RAE, DUSTIN, US
[72] GARRETT, BEN, US
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[72] FACCIOLI, GIOVANNI, IT
[72] SOFFIATTI, RENZO, IT
[71] TECRES S.P.A., IT
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[54] **SIMULATION DE TRAITEMENT ORTHODONTIQUE PRESENTANT UN TRAITEMENT GRAPHIQUE AMELIORE POUR LA MODELISATION VIRTUELLE**
[72] THOMPSON, LANCE, US
[71] CLEARCORRECT OPERATING, LLC, US
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[54] **PROCEDE DE PURIFICATION ET D'ACTIVATION DE LA NEUROTOXINE BOTULIQUE**
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[72] BARKHO, SULYMAN, US
[72] TAO, LIANG, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **ARCHITECTURE DE CELLULES STANDARD POUR DIFFUSION BASEE SUR LE NOMBRE D'AILETTES**
[72] CORREALE, ANTHONY, JR., US
[72] BOWERS, BENJAMIN, US
[72] DELLA ROVA, TRACEY, US
[72] GOODALL, WILLIAM, III, US
[71] QUALCOMM INCORPORATED, US
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[54] **A SYSTEM AND METHOD FOR WATER TREATMENT**
[54] **SYSTEME ET PROCEDE POUR LE TRAITEMENT DE L'EAU**
[72] MOLLER, GREGORY, US
[72] STRAWN, DANIEL, US
[72] BAKER, MARTIN, US
[72] STAGGS, GENE, US
[71] UNIVERSITY OF IDAHO, US
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[54] **AQUEOUS AGRICULTURAL COMPOSITION HAVING IMPROVED SPRAY DRIFT PERFORMANCE**
[54] **COMPOSITION AGRICOLE AQUEUSE DOTEE DE PERFORMANCES DE DERIVE AMELIOREES**
[72] ANDERSON, TIMOTHY H., US
[72] OESTER, DEAN, US
[72] CHIROMO, ANDREW P., US
[72] ZIMMERMANN, TOBIAS, DE
[71] BASF SE, DE
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[54] **SYSTEM AND METHOD FOR AUTOMATED TABLE GAME ACTIVITY RECOGNITION**
[54] **SYSTEME ET PROCEDE DESTINES A LA RECONNAISSANCE AUTOMATISEE DE L'ACTIVITE D'UN JEU DE TABLE**
[72] VO, NHAT DINH MINH, AU
[72] CHALLA, SUBHASH, AU
[72] LI, ZHI, AU
[71] SENSEN NETWORKS GROUP PTY LTD, AU
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[54] **REAL-TIME DATA ACQUISITION AND RECORDING SYSTEM**
[54] **SYSTEME D'ACQUISITION ET D'ENREGISTREMENT DE DONNEES EN TEMPS REEL**
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[72] HAMSMITH, MATHEW, US
[71] WI-TRONIX, LLC, US
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[54] **ACTIVE AGENT AND METHOD FOR REDUCING MALODOR**
[54] **AGENT ACTIF ET PROCEDE POUR REDUIRE LES MAUVAISES ODEURS**
[72] FAN, AIXING, US
[72] SIMPSON, EDWARD, US
[72] DU-THUMM, LAURENCE D., US
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] **CLOSED LOOP COOLING SYSTEM FOR A JUNCTION BOX IN A VEHICLE, AND RELATED COMPONENTS, SYSTEMS, AND METHODS**
[54] **SYSTEME DE REFROIDISSEMENT EN BOUCLE FERMEE POUR UNE BOITE DE JONCTION DANS UN VEHICULE, ET ELEMENTS, SYSTEMES ET PROCEDES ASSOCIES**
[72] MATTE, FRANCOIS, CA
[72] DUGUAY, PASCAL, CA
[72] LAMOTHE, RENE, CA
[71] VOLVO GROUP CANADA INC., CA
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[54] **CONJUGUES SUCRE-DIPEPTIDE UTILISES COMME MOLECULES AROMATIQUES**
[72] SMARRITO-MENOZZI, CANDICE MARIE, CH
[72] BARCOS, MARIA EUGENIA, CH
[72] VITON, FLORIAN, CH
[72] MANGANIELLO, SONIA, CH
[71] NESTEC S.A., CH
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[54] **DISPOSITIF D'INSPECTION DE LA PEAU POUR IDENTIFIER DES ANOMALIES**
[72] MURPHY, CHRIS, IE
[72] CORLEY, GAVIN, IE
[72] KIERSEY, SIMON, IE
[71] BLUEDROP MEDICAL LTD, IE
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[54] **ENSEMBLE CIRCUIT A BAGUE DE RESSORT**
[72] JAEGER, TALBOT, US
[71] NOVAWURKS, INC., US
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[54] **MICROSCOPE A BALAYAGE A RESOLUTION SPECTRALE**
[72] DIXON, ARTHUR EDWARD, CA
[71] HURON TECHNOLOGIES INTERNATIONAL INC., CA
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[54] **REAL-TIME DATA ACQUISITION AND RECORDING SYSTEM VIEWER**
[54] **SYSTEME D'ACQUISITION ET D'ENREGISTREMENT DE DONNEES EN TEMPS REEL ET VISUALISEUR**
[72] JORDAN, LAWRENCE B., US
[72] PATEL, SAVANKUMAR V., US
[72] WEAVER, BRYAN, US
[71] WI-TRONIX, LLC, US
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[54] **PROTEINES DE FUSION VWF GLYCOSYLEES A PHARMACOCINETIQUE AMELIOREE**
[72] KANNICHT, CHRISTOPH, DE
[72] SOLECKA-WITULSKA, BARBARA, DE
[72] WINGE, STEFAN, DE
[72] SCHWIENTEK, TILO, DE
[71] OCTAPHARMA AG, CH
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[25] EN
[54] **DISC BRAKE FOR A COMMERCIAL VEHICLE, BRAKE PAD, AND BRAKE PAD SET**
[54] **FREIN A DISQUE POUR VEHICULE UTILITAIRE, GARNITURE DE FREIN ET JEU DE GARNITURES DE FREIN**
[72] FISCHL, TOBIAS, DE
[72] PRITZ, WOLFGANG, DE
[72] PETSCHKE, ANDREAS, DE
[72] SCHROPP, JOSEF, DE
[72] DAHLENBURG, JULIAN CATO, DE
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[54] **AMINOSTEROID DERIVATIVES AND PROCESS FOR PRODUCING SAME**
[54] **DERIVES AMINOSTEROIDES ET LEUR PROCEDE DE PRODUCTION**
[72] POIRIER, DONALD, CA
[72] MALTAIS, RENE, CA
[72] PERREAULT, MARTIN, CA
[71] UNIVERSITE LAVAL, CA
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[25] EN
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[54] **TRAITEMENT DE L'HYPOGLYCEMIE POST-BARIATRIQUE AVEC DES ANTAGONISTES GLP-1**
[72] MCLAUGHLIN, TRACEY L., US
[72] CRAIG, COLLEEN M., US
[71] THE BOT OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[54] **VIDEO CONTENT ANALYSIS SYSTEM AND METHOD FOR TRANSPORTATION SYSTEM**
[54] **SYSTEME ET PROCEDE D'ANALYSE DE CONTENU VIDEO POUR SYSTEME DE TRANSPORT**
[72] JORDAN, LAWRENCE B., US
[72] PATEL, SAVANKUMAR V., US
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[72] RATHINAVEL, JAGADEESWARAN, US
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[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
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[54] **TRAITEMENT DE L'HYPOGLYCEMIE POST-BARIATRIQUE AVEC L'EXENDINE (9-39)**
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[54] **MANIPULATEUR A ARTICULATION UNIQUE DE SERRAGE POUR UTILISATION AVEC UN ELEVATEUR A ARTICULATION UNIQUE**
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[72] SMITH, LOGAN, US
[72] GUIDRY, NICHOLAS, US
[71] FRANK'S INTERNATIONAL, LLC, US
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[54] **METHODE DE PRONOSTIC ET/OU DE TRAITEMENT DE LA LEUCEMIE PROMYELOCYTAIRE AIGUE**
[72] ALTUCCI, LUCIA, IT
[72] MARTENS, JOOST HENDRIK ADRIAAN, IT
[72] MAI, ANTONELLO, IT
[71] EPI-C S.R.L., IT
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[72] COPELAND, RODNEY ALLEN, US
[72] HANRAHAN, MICHAEL DAVID, US
[72] ALCOTT, CHRISTOPHER SCOTT, US
[71] CHARTER COMMUNICATIONS OPERATING, LLC, US
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[54] **DISPOSITIF D'INSPECTION DE LA PEAU POUR IDENTIFIER DES ANOMALIES**
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[72] CORLEY, GAVIN, IE
[72] KIERSEY, SIMON, IE
[71] BLUEDROP MEDICAL LTD, IE
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[72] DE LA CRUZ Y ARANDA, MARCELINO, DE
[72] FRANGENBERG, MEINHARD, DE
[71] TAKRAF GMBH, DE
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[54] **COMPOSITION NUTRITIONNELLE POUR LE TRAITEMENT OU LA PREVENTION DE LA DIMINUTION DE LA MOBILITE**
[72] HORCAJADA, MARIE NOELLE, FR
[72] BREUILLE, DENIS, CH
[72] BOUTRY, CLAIRE, CH
[72] ROUGHEAD, ZAMZAM KABIRY (FARIBA), US
[71] NESTEC S.A., CH
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[54] **COMPOSITION COMESTIBLE SEMI-SOLIDE POUR UTILISATION CHEZ DES PATIENTS SUBISSANT UNE ENDOSCOPIE, NOTAMMENT UNE COLOSCOPIE**
[72] BAR-SHALOM, DANIEL, DK
[72] VILMANN, PETER, DK
[72] MULLERTZ, ANETTE, DK
[72] ZEDERKOF, JACOB KOLSTRUP, DK
[72] HOLM, HANNE, DK
[72] JACOBSEN, JETTE, DK
[71] UNIVERSITY OF COPENHAGEN, DK
[71] SJAELLANDS UNIVERSITETSHOSPITAL, DK
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[54] **DETERMINATION D'ANISOTROPIE ET D'ANGLE D'INCLINAISON A L'AIDE D'IMPULSIONS ELECTROMAGNETIQUES (EM) PROVENANT D'ANTENNES INCLINEES**
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[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **CONJUGUE DE CIBLAGE POLYMERE A BRAS MULTIPLES ANTICANCEREUX**
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[72] HUANG, YANGQING, CN
[72] SONG, YUNSONG, CN
[72] YUAN, FANG, CN
[71] BRIGHTGENE BIO-MEDICAL TECHNOLOGY CO., LTD., CN
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[54] **PROCEDE D'ESTIMATION D'AU MOINS L'UNE DE LA FORME, DE LA POSITION ET DE L'ORIENTATION D'UNE RESTAURATION DENTAIRE**
[72] KEUSTERMANS, JOHANNES, BE
[72] VAN LEEMPUT, PIETER, BE
[72] WOUTERS, VEERLE, BE
[72] MOLLEMANS, WOUTER, BE
[71] NOBEL BIOCARE SERVICES AG, CH
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[25] FR
[54] **SUPPLY SYSTEM FOR SUPPLYING A MOULD WITH MOLTEN METAL, AND FACILITY AND MANUFACTURING METHOD IMPLEMENTING SAME**
[54] **SYSTEME D'ALIMENTATION POUR ALIMENTER UN MOULE EN METAL FONDU, INSTALLATION ET PROCEDE DE FABRICATION LA METTANT EN OEUVRE**
[72] BOHLI, RAMZI, FR
[72] NIANE, NGADIA TAHA, FR
[72] GRANGE, DAVID, FR
[72] GUERCHE, DIDIER MAURICE MARCEAU, FR
[72] BOUKERMA, SAID, FR
[71] SAFRAN, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[54] **NOUVEAUX ANTICORPS SE LIANT SPECIFIQUEMENT AUX EPITOPES DU VIRUS DU ZIKA ET LEURS UTILISATIONS**
[72] CORTI, DAVIDE, CH
[71] HUMABS BIOMED SA, CH
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[54] **PARTICULE POUR L'ENCAPSIDATION D'UN SYSTEME D'INGENIERIE DU GENOME**
[72] BOUILLE, PASCALE, FR
[72] GAYON, REGIS, FR
[72] LAMOUROUX, LUCILLE, FR
[72] ICHE, ALEXANDRA, FR
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[25] EN
[54] **APPARATUS FOR ACTUATING A HYDRAULIC CARRIER ROD OF A ROTARY PRINTING MACHINE**
[54] **APPAREIL D'ACTIONNEMENT D'UNE TIGE DE SUPPORT HYDRAULIQUE D'UNE MACHINE D'IMPRESSION ROTATIVE**
[72] LANDENBERGER, LORENZ, DE
[71] BOBST BIELEFELD GMBH, DE
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[54] **POLYPEPTIDES MODULANT LES REPONSES IMMUNITAIRES DEPENDANTES DE SIGLEC**
[72] KANNICHT, CHRISTOPH, DE
[72] WINGE, STEFAN, SE
[72] KOHLA, GUIDO, DE
[72] SOLECKA-WITULSKA, BARBARA, DE
[71] OCTAPHARMA AG, CH
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[54] **FIRE PROTECTION ELEMENT, AND METHOD FOR MANUFACTURING A FIRE PROTECTION ELEMENT**
[54] **ELEMENT IGNIFUGE AINSI QUE PROCEDE DE FABRICATION D'UN ELEMENT IGNIFUGE**
[72] FORG, CHRISTIAN, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
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[54] **APPAREIL D'INDICATION DE TENSION DIRECTE**
[72] RICHARDSON, JORDAN DAVID, US
[72] WESTOVER, ROBERT DAVID, US
[71] APPLIED BOLTING TECHNOLOGY, US
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[25] FR
[54] **PROCESS FOR CRYOGENIC SEPARATION OF A FEED STREAM CONTAINING METHANE AND AIR GASES, FACILITY FOR PRODUCING BIOMETHANE BY PURIFICATION OF BIOGASES DERIVED FROM NON-HAZARDOUS WASTE STORAGE FACILITIES (NHWSF) IMPLEMENTING THE PROCESS**
[54] **PROCEDE DE SEPARATION CRYOGENIQUE D'UN DEBIT D'ALIMENTATION CONTENANT DU METHANE ET DES GAZ DE L'AIR, INSTALLATION POUR LA PRODUCTION DE BIO METHANE PAR EPURATION DE BIOGAZ ISSUS D'INSTALLATIONS DE STOCKAGE DE DECHETS NON-DANGEREUX (ISDND) METTANT EN OEUVRE LE PROCEDE**
[72] PRINCE, GUENAEL, FR
[72] PAGET, NICOLAS, FR
[72] LEHMAN, JEAN-YVES, FR
[71] WAGA ENERGY, FR
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[54] **FIRE PROTECTION ELEMENT HAVING A WOVEN CARRIER FABRIC**
[54] **ELEMENT COUPE-FEU DOTE D'UN SUBSTRAT TEXTILE**
[72] FORG, CHRISTIAN, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
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[54] **METHOD FOR CALIBRATION OF FEED RATE OF A METERING DEVICE AND A METERING DEVICE**
[54] **PROCEDE D'ETALONNAGE DE DEBIT D'ALIMENTATION D'UN DISPOSITIF DE DOSAGE ET DISPOSITIF DE DOSAGE**
[72] STARK, CRISTER, SE
[71] VADERSTAD HOLDING AB, SE
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[54] **COMMANDE DE CHAUFFAGE INTELLIGENTE POUR SECHEUR A AIR**
[72] WRIGHT, ERIC C., US
[71] NEW YORK AIR BRAKE LLC, US
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[51] **Int.Cl. A61K 47/68 (2017.01)**
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[54] **CONJUGUES ANTICORPS-MEDICAMENT ANTI-CMET ET METHODES D'UTILISATION DE CES CONJUGUES**
[72] REILLY, EDWARD B., US
[72] NAUMOVSKI, LOUIE, US
[72] ALLAN, CHRISTIAN B., US
[72] WANG, JIEYI, US
[72] ANDERSON, MARK G., US
[72] AFAR, DANIEL E., US
[71] ABBVIE BIOTHERAPEUTICS INC., US
[71] ABBVIE INC., US
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[54] **COMPOSES CRISTALLINS A BASE DE PLATINE**
[72] ARINDAM, SARKAR, IN
[72] PRINGLE, GAVIN, GB
[72] LOUGHREY, JONATHAN, GB
[72] CHITRE, SAURABH, GB
[72] REECE, HAYLEY, GB
[72] FIGINI, ATTILIA, CH
[72] RUGGIERO, IVAN, CH
[71] AKAMARA THERAPEUTICS, INC., US
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[54] **TUBE D'ECOULEMENT A PLUSIEURS CANAUX**
[72] BELL, MARK JAMES, US
[72] WEINSTEIN, JOEL, US
[72] SCHLOSSER, MARTIN ANDREW, US
[72] SCHOLLENBERGER, FREDERICK SCOTT, US
[71] MICRO MOTION, INC., US
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[51] **Int.Cl. B05B 11/00 (2006.01)**
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[54] **DISPOSITIF DE DISTRIBUTION**
[72] FRIES, RUDOLF, AT
[71] JOMA KUNSTSTOFFTECHNIK GMBH, AT
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[25] EN
[54] **CRYOGENIC COOLING SYSTEMS AND METHODS OF CONTROLLING PRODUCT TEMPERATURES DURING DELIVERY**
[54] **SYSTEMES DE REFROIDISSEMENT CRYOGENIQUE ET PROCEDES DE REGULATION DES TEMPERATURES DES PRODUITS PENDANT LA LIVRAISON**
[72] WINKLE, DAVID C., US
[72] MCHALE, BRIAN G., GB
[72] WILKINSON, BRUCE W., US
[72] HIGH, DONALD R., US
[72] MATTINGLY, TODD D., US
[71] WALMART APOLLO, LLC, US
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[51] **Int.Cl. B60T 13/38 (2006.01) B60T 13/24 (2006.01) B60T 13/26 (2006.01) B60T 15/02 (2006.01) B60T 17/08 (2006.01) F16D 65/14 (2006.01)**
[25] EN
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[54] **ACTIONNEUR DE FREIN A RESSORT A FIXATION DE DIAPHRAGME**
[72] KOELZER, ROBERT L., US
[72] FISHER, ALBERT D., US
[72] BRADFORD, AARON C., US
[72] RHOADS, DAVID C., US
[72] JENKINS, MICHAEL R., US
[71] HALDEX BRAKE PRODUCTS CORPORATION, US
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[54] **SYSTEM AND METHOD OF PRODUCING AND DISPLAYING VISUAL INFORMATION REGARDING GAS CLOUDS**
[54] **SYSTEME ET PROCEDE DE PRODUCTION ET D'AFFICHAGE D'INFORMATIONS VISUELLES CONCERNANT DES NUAGES DE GAZ**
[72] MUSTAFA, ALI, US
[72] MCCUBBREY, DAVID, US
[72] COLBRY, DIRK, US
[72] LARSON, ERIC, US
[71] PIXEL VELOCITY, INC., US
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[54] **DUAL BRACKET MECHANISM MOUNTED SPORTS GOAL PRACTICE BACKSTOP SYSTEM**
[54] **SYSTEME D'ECRAN ARRIERE POUR L'ENTRAINEMENT SPORTIF AVEC UNE CAGE DE BUT, POURVU D'UN MECANISME DE SUPPORT DOUBLE**
[72] RIGOLI, MICHAEL, US
[71] SMART SPORTS TEK, INC., US
[85] 2018-11-15
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[51] **Int.Cl. C22C 21/16 (2006.01)**
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[54] **ALUMINUM ALLOY COMPOSITIONS AND METHODS OF MAKING AND USING THE SAME**
[54] **COMPOSITIONS D'ALLIAGE D'ALUMINIUM ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] SHYAM, AMIT, US
[72] YAMAMOTO, YUKINORI, US
[72] SHIN, DONGWON, US
[72] ROY, SHIBAYAN, US
[72] HAYNES, JAMES A., US
[72] MAZIASZ, PHILIP J., US
[72] SABAU, ADRIAN, US
[72] RODRIGUEZ-JASSO, ANDRES F., US
[72] GONZALEZ-VILLARREAL, JOSE, US
[72] TALAMANTES-SILVA, JOSE, US
[72] ZHANG, LIN, US
[72] GLASPIE, CHRISTOPHER R., US
[72] MIRMIRAN, SEYED, US
[71] UT-BATTELLE, LLC, US
[71] NEMAK USA, INC., US
[71] FCA US LLC, US
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[54] **PARTICLE DETECTOR MADE OF A SEMICONDUCTOR MATERIAL**
[54] **DETECTEUR DE PARTICULES REALISE DANS UN MATERIAU SEMI-CONDUCTEUR**
[72] VERVISCH, WILFRIED VIVIAN ROLAND, FR
[72] OTTAVIANI, LAURENT, FR
[72] BIONDO, STEPHANE, FR
[72] HURTADO EP VERVISCH, VANESSA LAURENCE JILL, FR
[71] UNIVERSITE D'AIX MARSEILLE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS, FR
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[54] **METHODS OF IMPROVING ADHESION OF NON-DI-(2-ETHYLHEXYL)PHTHALATE POLYVINYL CHLORIDE TO AN ACRYLIC- OR ABS-BASED POLYMER**
[54] **PROCEDES D'AMELIORATION DE L'ADHESION D'UN POLY(CHLORURE DE VINYLE) NON-DI-(2-ETHYLHEXYL)PHTALATE A UN POLYMERE A BASE D'ACRYLIQUE OU D'ABS**
[72] SEVINC, ZEHRA SIBEL, US
[72] LING, MICHAEL TUNG KIUNG, US
[71] BAXTER INTERNATIONAL INC., US
[71] BAXTER HEALTHCARE SA, CH
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[25] FR
[54] **METHOD AND SYSTEM OF SMART MANAGEMENT OF ELECTROCHEMICAL BATTERIES FOR AN ELECTRIC VEHICLE**
[54] **PROCEDE ET SYSTEME DE GESTION INTELLIGENTE DE BATTERIES ELECTROCHIMIQUES D'UN VEHICULE ELECTRIQUE**
[72] SELLIN, CHRISTIAN, FR
[72] JESTIN, JEAN-JACQUES, FR
[72] AGNUS, YVAN, FR
[72] HINGANT, DOMINIQUE, FR
[72] TAN, TONY, FR
[72] BRUNET, GILLES, FR
[72] THOMAS, MICHEL, FR
[71] BLUEBUS, FR
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[54] **METHOD AND SYSTEM FOR MANAGING THE ELECTROCHEMICAL BATTERIES OF AN ELECTRIC VEHICLE IN THE EVENT OF BATTERY FAILURE**
[54] **PROCEDE ET SYSTEME DE GESTION DE BATTERIES ELECTROCHIMIQUES D'UN VEHICULE ELECTRIQUE EN CAS DE DEFAILLANCE DE BATTERIE(S)**
[72] SELLIN, CHRISTIAN, FR
[72] JESTIN, JEAN-JACQUES, FR
[72] TAN, TONY, FR
[72] AGNUS, YVAN, FR
[72] BRUNET, GILLES, FR
[72] THOMAS, MICHEL, FR
[72] HINGANT, DOMINIQUE, FR
[71] BLUEBUS, FR
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[54] **ELECTRIC FIRE APPARATUS AND HEATING SYSTEM**
[54] **APPAREIL DE RADIATEUR ELECTRIQUE ET SYSTEME DE CHAUFFAGE**
[72] BAIRD, PAUL CHRISTOPHER, GB
[71] BAIRD, PAUL CHRISTOPHER, GB
[85] 2018-11-15
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[54] **VARIABLE WORKING DISTANCE MICROSCOPE**
[54] **MICROSCOPE A DISTANCE DE TRAVAIL VARIABLE**
[72] MCCULLOCH, PHILIP, US
[71] NOVARTIS AG, CH
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[54] **RECOGNITION OF WEED IN A NATURAL ENVIRONMENT**
[54] **RECONNAISSANCE DE MAUVAISE HERBE DANS UN ENVIRONNEMENT NATUREL**
[72] KIEPE, BJORN, DE
[72] SCHILLING, THOMAS, DE
[72] GLADBACH, ALEXANDRA, DE
[72] STEPPONAT, BIRGIT, DE
[72] FOIS, FRANCO, DE
[72] RECHSTEINER, DANIEL, DE
[72] HELLWEG, SEBASTIAN, DE
[71] BASF SE, DE
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[54] **SUPPORT HOUSING FOR SAMPLING CONES FOR A PIPETTING SYSTEM**
[54] **BOITIER DE SUPPORT DE CONES DE PRELEVEMENT POUR SYSTEME DE PIPETAGE**
[72] GOMES CAVACO, PHILIPPE, FR
[71] GILSON SAS, FR
[85] 2018-11-09
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[54] **METALLIC PIPE CONNECTION**
[54] **RACCORDEMENT DE TUYAU METALLIQUE**
[72] ALBERGANTI, GIACOMO, IT
[72] RUGA, GIULIANO, IT
[71] GIACOMINI S.P.A., IT
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[54] **SENSING SYSTEM FOR NUMERICAL REPRESENTATION**
[54] **SYSTEME DE DETECTION POUR REPRESENTATION NUMERIQUE**
[72] ABOUBAKR, GASSER, US
[71] ABOUBAKR, GASSER, US
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[25] EN
[54] **MANAGEMENT SYSTEM FOR OBJECTS UNDER MONITORING AND METHOD OF IDENTIFYING BEACON TERMINALS**
[54] **SYSTEME DE GESTION D'OBJET CIBLE SURVEILLE ET PROCEDE DE RECONNAISSANCE DE TERMINAL DE BALISE**
[72] HAMADA, YUKI, JP
[72] KADONO, MASAKI, JP
[72] KATSUMATA, YOSHIAKI, JP
[72] OTAGAKI, SHUNICHI, JP
[72] YAMAMOTO, YASUHISA, JP
[71] CHIYODA CORPORATION, JP
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[51] **Int.Cl. A61B 3/13 (2006.01) G02B 21/22 (2006.01)**
[25] EN
[54] **OPTICAL AND DIGITAL VISUALIZATION IN A SURGICAL MICROSCOPE**
[54] **VISUALISATION OPTIQUE ET NUMERIQUE A L'AIDE D'UN MICROSCOPE CHIRURGICAL**
[72] YU, LINGFENG, US
[72] REN, HUGANG, US
[71] NOVARTIS AG, CH
[85] 2018-11-15
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[30] US (62/361,227) 2016-07-12

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[51] **Int.Cl. F02C 7/00 (2006.01) F01D 25/00 (2006.01) F02C 9/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PREDICTING TURBINE OUTLET TEMPERATURE IN GAS TURBINE**
[54] **PROCEDE ET APPAREIL POUR PREDIRE LA TEMPERATURE DE SORTIE DE TURBINE D'UNE TURBINE A GAZ**
[72] SCHMIT, NICOLAS, JP
[72] KANIWA, MASATO, JP
[72] KAWANO, YUKIHIRO, JP
[72] SODEKODA, SHIHO, JP
[71] IHI CORPORATION, JP
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[51] **Int.Cl. C10G 45/02 (2006.01) B01D 3/14 (2006.01) B01J 23/40 (2006.01) B01J 29/08 (2006.01) B01J 29/12 (2006.01) B01J 29/89 (2006.01) C10G 47/16 (2006.01) C10G 47/18 (2006.01) C10G 65/12 (2006.01) C10L 1/04 (2006.01) C10L 1/08 (2006.01)**
[25] EN
[54] **JET AND DIESEL SELECTIVE HYDROCRACKING**
[54] **HYDROCRAQUAGE SELECTIF DU CARBUREACTEUR ET DU DIESEL**
[72] DANDEKAR, AJIT B., US
[72] MCMANUS, JESSE R., US
[72] WILSON, KEITH, GB
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[25] FR
[54] **MULTIFUNCTIONAL WIND/WATER TURBINE AND ASSEMBLY THEREOF FOR MULTIPLE APPLICATIONS AND USES**
[54] **EOLIENNE/HYDROLIENNE MULTIFONCTIONNELLE ET LEUR RASSEMBLEMENT POUR DE MULTIPLES APPLICATIONS ET UTILISATIONS**
[72] VU, TUAN NGHIEM, FR
[71] TECHSAFE GLOBAL, FR
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[51] **Int.Cl. G06F 17/50 (2006.01) G01V 11/00 (2006.01)**
[25] EN
[54] **AN ITERATIVE AND REPEATABLE WORKFLOW FOR COMPREHENSIVE DATA AND PROCESSES INTEGRATION FOR PETROLEUM EXPLORATION AND PRODUCTION ASSESSMENTS**
[54] **FLUX DE TRAVAUX ITERATIF ET REPETABLE DESTINE A UNE INTEGRATION DE DONNEES ET DE PROCESSUS COMPLETE POUR L'EXPLORATION PETROLIERE ET LES EVALUATIONS DE PRODUCTION**
[72] MEZGHANI, MOKHLES MUSTAPHA, SA
[72] NAJJAR, NAZIH F., SA
[72] ABUALI, MAHDI, SA
[72] ZUHLKE, RAINER, SA
[72] INAN, SEDAT, SA
[72] ALLEN, CONRAD K., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[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] VAN GAASBEEK, ERIK PIETER, NL
[72] KAMERBEEK, RALF, NL
[72] GROOTHORNTE, AREND HENDRIK, NL
[72] OTTENSCHOT, MARC HENRIKUS JOSEPH, NL
[71] KONINKLIJKE DOUWE EGBERTS B.V., NL
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[25] EN
[54] **SYSTEM FOR PREPARING AROMATIC BEVERAGES WITH OPTIMISED BEVERAGE DISCHARGE DISPOSITION AND PROCESS OF OPERATION OF SAID SYSTEM**
[54] **SYSTEME DE PREPARATION DE BOISSONS AROMATIQUES AVEC AGENCEMENT DE DISTRIBUTION DE BOISSONS OPTIMISE ET PROCEDE DE FONCTIONNEMENT DUDIT SYSTEME**
[72] NABEIRO, RUI MIGUEL, PT
[71] NOVADELTA - COMERCIO E INDUSTRIA DE CAFES S.A., PT
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[25] EN
[54] **INTERFACE SEALING COMPONENT FOR A BATTERY COVER ASSEMBLY, AND RELATED SYSTEMS AND METHODS**
[54] **COMPOSANT D'ETANCHEITE D'INTERFACE POUR ENSEMBLE COUVERCLE DE BATTERIE, ET SYSTEMES ET PROCEDES ASSOCIES**
[72] LECLERC, JEAN-FRANCOIS, CA
[72] MATTE, FRANCOIS, CA
[71] VOLVO GROUP CANADA INC., CA
[85] 2018-11-15
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[51] **Int.Cl. H02G 3/06 (2006.01) B60R 16/02 (2006.01) H02G 3/08 (2006.01)**
[25] EN
[54] **CABLE SEALING DEVICE FOR AN ELECTRICAL JUNCTION BOX**
[54] **DISPOSITIF D'ETANCHEITE DE CABLE POUR BOITE DE JONCTION ELECTRIQUE**
[72] LAINE, YVES, CA
[72] MATTE, FRANCOIS, CA
[72] HUPPE, GUILLAUME, CA
[71] VOLVO GROUP CANADA INC., CA
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[25] EN
[54] **YIELD FORECAST AND LIGHT USE EFFICIENCY**
[54] **PREVISION DE RENDEMENT ET EFFICACITE D'UTILISATION DE LA LUMIERE**
[72] DINAR, MENACHEM, IL
[72] MORAG, OMRI, IL
[71] PASKAL TECHNOLOGIES AGRICULTURE COOPERATIVE LTD., IL
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[25] EN
[54] **METHOD AND APPARATUS FOR SPATIAL COMPRESSION AND INCREASED MOBILITY RESOLUTION OF IONS**
[54] **PROCEDE ET APPAREIL DE COMPRESSION SPATIALE ET DE RESOLUTION DE MOBILITE ACCRUE D'IONS**
[72] IBRAHIM, YEHIA M., US
[72] GARIMELLA, SANDILYA, US
[72] SMITH, RICHARD D., US
[71] BATTELLE MEMORIAL INSTITUTE, US
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[54] **HUMANIZED AFFINITY MATURED ANTI-FCRN ANTIBODIES**
[54] **ANTICORPS ANTI-FCRN A MATURATION D'AFFINITE HUMANISES**
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[72] BLUMBERG, RICHARD S., US
[72] JONES, SUSAN DANA, US
[72] ROOPENIAN, DERRY, US
[72] HOLGATE, ROBERT GEORGE EDWARD, GB
[72] JONES, TIMOTHY DAVID, GB
[72] HEARN, ARRON ROBERT, GB
[71] SYNTIMMUNE, INC., US
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[25] EN
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[54] **PRESENTOIR REFRIGERE COMPRENANT UN SYSTEME DE SUPPORT D'ECOULEMENT D'AIR**
[72] LEONARD, LARRY N., US
[71] HUSSMANN CORPORATION, US
[85] 2018-11-15
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[30] US (15/164,414) 2016-05-25

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[25] EN
[54] **HUMAN AIRWAY STEM CELLS IN LUNG EPITHELIAL ENGINEERING**
[54] **CELLULES SOUCHES DE VOIES RESPIRATOIRES HUMAINES EN INGENIERIE EPITHELIALE PULMONAIRE**
[72] GILPIN, SARAH E., US
[72] OTT, HARALD C., US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[25] EN
[54] **GAS DISTRIBUTION DEVICE AND METHOD FOR ADJUSTING GAS DISTRIBUTION RATIO**
[54] **DISPOSITIF DE DISTRIBUTION DE GAZ ET PROCEDE DE REGLAGE DE RAPPORT DE DISTRIBUTION DE GAZ**
[72] KANG, KI-JOON, KR
[71] BENIT M CO., LTD., KR
[85] 2018-11-15
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[30] KR (10-2016-0059661) 2016-05-16
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[51] **Int.Cl. H04M 1/24 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COMMUNICATION PROVIDER AND REMOTE DEVICE CONNECTION ANALYSIS**
[54] **SYSTEME ET PROCEDE D'ANALYSE DE CONNEXION ENTRE UN FOURNISSEUR DE COMMUNICATION ET UN DISPOSITIF DISTANT**
[72] NEIDERMYER, RICHARD M., US
[72] MELNIK, JON C., US
[71] GREENEDEN U.S. HOLDINGS II, LLC, US
[85] 2018-11-15
[86] 2017-05-05 (PCT/US2017/031385)
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[51] **Int.Cl. C12N 15/113 (2010.01) C12N 15/85 (2006.01)**
[25] EN
[54] **MODULATORY POLYNUCLEOTIDES**
[54] **POLYNUCLEOTIDES MODULATEURS**
[72] SAH, DINAH WEN-YEE, US
[72] HOU, JINZHAO, US
[72] NONNENMACHER, MATHIEU, US
[71] VOYAGER THERAPEUTICS, INC., US
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[51] **Int.Cl. A01H 5/00 (2018.01) C12N 15/113 (2010.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/11 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PLANT REGULATORY ELEMENTS AND USES THEREOF**
[54] **ELEMENTS DE REGULATION DE PLANTES ET LEURS UTILISATIONS**
[72] CHITTOOR, JAISHREE, M., US
[72] FLASINSKI, STANISLAW, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2018-11-15
[86] 2017-05-22 (PCT/US2017/033832)
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[30] US (62/340,656) 2016-05-24

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[51] **Int.Cl. C08J 3/20 (2006.01) C08K 3/26 (2006.01) C08K 5/00 (2006.01)**
[25] EN
[54] **FIRE RETARDANT COMPOSITIONS AND CABLE SEPARATORS FORMED THEREOF**
[54] **COMPOSITIONS IGNIFUGES ET SEPARATEURS DE CABLES FORMES A PARTIR DE CELLES-CI**
[72] ABU-ALI, AMJAD F., US
[72] WEISS, LAURA ANN, US
[72] ZHU, QIAN, US
[72] THWAITES, STEPHEN A., US
[71] GENERAL CABLE TECHNOLOGIES CORPORATION, US
[85] 2018-11-13
[86] 2017-05-17 (PCT/US2017/033040)
[87] (WO2017/201130)
[30] US (62/337,378) 2016-05-17

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[51] **Int.Cl. A61K 31/496 (2006.01) A61K 31/5377 (2006.01) C07D 265/30 (2006.01)**
[25] EN
[54] **PROCESSES FOR PREPARING PHOSPHORODIAMIDATE MORPHOLINO OLIGOMERS**
[54] **PROCEDES DE PREPARATION D'OLIGOMERES MORPHOLINO DE PHOSPHORODIAMIDATE**
[72] CAI, BAO, US
[72] MARTINI, MITCHELL, US
[72] THOMAS, KATIE, US
[72] SHIMABUKU, ROSS, US
[71] SAREPTA THERAPEUTICS, INC., US
[85] 2018-11-13
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[30] US (62/340,953) 2016-05-24
[30] US (62/357,134) 2016-06-30
[30] US (62/357,166) 2016-06-30
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[13] A1
[51] **Int.Cl. G21D 1/02 (2006.01)**
[25] EN
[54] **UPGRADING POWER OUTPUT OF PREVIOUSLY-DEPLOYED NUCLEAR POWER PLANTS**
[54] **MISE A NIVEAU DE LA PUISSANCE DE SORTIE DE CENTRALES NUCLEAIRES PRECEDEMMENT DEPLOYEES**
[72] WALTERS, LEON C., US
[71] ADVANCED REACTOR CONCEPTS LLC, US
[85] 2018-11-13
[86] 2017-06-05 (PCT/US2017/036010)
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[30] US (62/345,147) 2016-06-03

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[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 50/06 (2012.01)**
[25] EN
[54] **COMPUTER IMPLEMENTED METHOD FOR GENERATING A FIELD DEVELOPMENT PLAN (FDP) FOR THE EXPLOITATION OF OIL AND GAS RESERVOIRS**
[54] **PROCEDE MIS EN OEUVRE PAR ORDINATEUR POUR GENERER UN PLAN DE DEVELOPPEMENT DE CHAMP (FDP) POUR L'EXPLOITATION DE GISEMENTS DE PETROLE ET DE GAZ**
[72] RODRIGUEZ TORRADO, RUBEN, ES
[72] RIOS ALIAGA, JESUS, US
[72] DE PAOLA, GIORGIO, ES
[72] EMBID DROZ, SONIA MARIETTE, ES
[71] REPSOL, S.A., ES
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2018-11-16
[86] 2017-05-12 (PCT/EP2017/061436)
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[30] EP (16382221.6) 2016-05-19

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[51] **Int.Cl. B32B 9/00 (2006.01) B32B 27/18 (2006.01)**
[25] EN
[54] **MULTILAYER STRUCTURE AND METHOD FOR PRODUCING SAME**
[54] **STRUCTURE MULTICOUCHE ET SON PROCEDE DE PRODUCTION**
[72] AKEDO, JUN, JP
[72] NODA, HIROAKI, JP
[72] TSUDA, HIROKI, JP
[72] SAKAMOTO, NOBUO, JP
[71] NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, JP
[85] 2018-11-16
[86] 2017-05-16 (PCT/JP2017/018395)
[87] (WO2017/199968)
[30] JP (2016-098021) 2016-05-16

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[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **STROMAL GENE SIGNATURES FOR DIAGNOSIS AND USE IN IMMUNOTHERAPY**
[54] **SIGNATURES GENETIQUES STROMALES DESTINEES AU DIAGNOSTIC ET A L'UTILISATION EN IMMUNOTHERAPIE**
[72] HEGDE, PRITI, US
[72] MOLINERO, LUCIANA, US
[72] MARIATHASAN, SANJEEV, US
[72] TURLEY, SHANNON, US
[72] ASTARITA, JILLIAN, US
[72] CUBAS, RAFAEL, US
[72] YANG, YAGAI, US
[71] GENENTECH, INC., US
[85] 2018-11-16
[86] 2017-05-16 (PCT/US2017/032890)
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[30] US (62/337,815) 2016-05-17

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[51] **Int.Cl. A47B 53/02 (2006.01) A47B 47/02 (2006.01) A47B 57/00 (2006.01) A47F 5/00 (2006.01) A47F 5/08 (2006.01) B65G 1/10 (2006.01)**
[25] EN
[54] **MODULAR PALLET RACKING SYSTEM**
[54] **SYSTEME MODULAIRE DE RAYONNAGE DE PALETTES**
[72] STAUFFER, AUSTIN J., US
[72] STAUFFER, RYAN B., US
[72] SCHWEITZER, DOLEN, US
[72] STAUFFER, BARRY, US
[71] 560 HOLDINGS, LLC, US
[85] 2018-11-15
[86] 2017-05-09 (PCT/US2017/031660)
[87] (WO2017/200795)
[30] US (62/339,430) 2016-05-20
[30] US (62/451,158) 2017-01-27

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[51] **Int.Cl. G01N 13/00 (2006.01) B01D 19/02 (2006.01) B01D 19/04 (2006.01) B05B 12/00 (2018.01) C12M 1/21 (2006.01)**
[25] EN
[54] **SIDE-STREAM FOAM MONITOR AND CONTROL SYSTEM**
[54] **CANON A MOUSSE A FLUX LATERAL ET SON SYSTEME DE COMMANDE**
[72] KISTY, JEFFREY J., US
[71] SOLENIS TECHNOLOGIES, L.P., CH
[85] 2018-11-15
[86] 2017-05-11 (PCT/US2017/032190)
[87] (WO2017/200841)
[30] US (62/337,395) 2016-05-17

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[51] **Int.Cl. A61K 38/20 (2006.01) C07K 14/54 (2006.01) C12N 15/67 (2006.01)**
[25] EN
[54] **POLYNUCLEOTIDES ENCODING INTERLEUKIN-12 (IL12) AND USES THEREOF**
[54] **POLYNUCLEOTIDES CODANT POUR L'INTERLEUKINE 12 (IL-12) ET LEURS UTILISATIONS**
[72] FREDERICK, JOSHUA, US
[72] HEWITT, SUSANNAH, US
[72] BAI, AILIN, US
[72] HOGE, STEPHEN, US
[72] PRESNYAK, VLADIMIR, US
[72] MCFADYEN, IAIN, US
[72] BENENATO, KERRY, US
[72] KUMARASINGHE, ELLALAHEWAGE SATHYAJITH, US
[71] MODERNATX, INC., US
[85] 2018-11-16
[86] 2017-05-18 (PCT/US2017/033422)
[87] (WO2017/201350)
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[51] **Int.Cl. C04B 18/02 (2006.01)**
[25] EN
[54] **GRANULES**
[54] **GRANULES**
[72] SKORINA, TAISIYA, US
[72] ROSENFLANZ, ANATOLY Z., US
[72] TANGEMAN, JEAN A., US
[72] BUDD, KENTON D., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[86] 2017-05-11 (PCT/US2017/032204)
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[30] US (62/336,995) 2016-05-16
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[51] **Int.Cl. H04L 12/26 (2006.01) H04W 24/06 (2009.01) H04W 88/02 (2009.01)**
[25] EN
[54] **CLIENT DEVICE AND METHOD FOR ANALYSIS OF A PREDETERMINED SET OF PARAMETERS ASSOCIATED WITH RADIO COUPLING TO A WLAN**
[54] **DISPOSITIF CLIENT ET PROCEDE D'ANALYSE D'UN ENSEMBLE PREDETERMINE DE PARAMETRES ASSOCIES A UN COUPLAGE RADIO A UN WLAN**
[72] SHATIL, OHAD, US
[72] RAJENDIRAN, SUBRAMANI, IN
[71] SYMBOL TECHNOLOGIES, LLC, US
[85] 2018-11-15
[86] 2017-05-12 (PCT/US2017/032368)
[87] (WO2017/213794)
[30] US (62/346,016) 2016-06-06
[30] US (15/593,558) 2017-05-12

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[13] A1
[51] **Int.Cl. B64F 1/305 (2006.01) G06K 9/00 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **METHOD FOR POSITIONING A PASSENGER BOARDING BRIDGE AT AN AIRPLANE**
[54] **PROCEDE DE POSITIONNEMENT D'UNE PASSERELLE D'EMBARQUEMENT DE PASSAGERS AU NIVEAU D'UN AVION**
[72] PEREZ PEREZ, MARCOS, ES
[72] MENDIOLAGOITIA JULIANA, JOSE, ES
[72] FERNANDEZ BLANCO, JOAQUIN, ES
[72] ALVAREZ GARCIA, IGNACIO, ES
[71] THYSSENKRUPP ELEVATOR INNOVATION CENTER S.A., ES
[71] THYSSENKRUPP AG, DE
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[86] 2017-05-15 (PCT/EP2017/061592)
[87] (WO2017/198605)
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[13] A1
[51] **Int.Cl. F04D 7/04 (2006.01) F04D 13/08 (2006.01) F04D 15/00 (2006.01) F04D 29/042 (2006.01) F16D 1/097 (2006.01)**
[25] EN
[54] **PUMP FOR PUMPING LIQUID AS WELL AS IMPELLER ASSEMBLY**
[54] **POMPE POUR POMPER UN LIQUIDE, ET ENSEMBLE ROTOR**
[72] BERGH, STEFAN, SE
[71] XYLEM IP MANAGEMENT S.A R.L., LU
[85] 2018-11-16
[86] 2017-05-10 (PCT/EP2017/061137)
[87] (WO2017/198509)
[30] EP (16169846.9) 2016-05-17

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[13] A1
[51] **Int.Cl. A61K 39/09 (2006.01) C07K 16/12 (2006.01)**
[25] EN
[54] **ANTIBODIES AND METHODS OF USE THEREOF IN TREATMENT OF INFECTIOUS DISEASE**
[54] **ANTICORPS ET LEURS PROCEDES D'UTILISATION DANS LE TRAITEMENT DE MALADIES INFECTIEUSES**
[72] KUIPERS, ANNEMARIE, NL
[72] VAN KESSEL, KOK, NL
[72] BEURSKENS, FRANK, NL
[72] DE JONG, ROB, NL
[72] STRUMANE, KRISTIN, NL
[72] SCHUURMAN, JANINE, NL
[72] PARREN, PAUL, NL
[72] VAN STRIJP, JOS, NL
[72] ROOIJAKKERS, SUZAN, NL
[71] GENMAB B.V., NL
[85] 2018-11-16
[86] 2017-05-17 (PCT/EP2017/061879)
[87] (WO2017/198731)
[30] DK (PA 2016 00305) 2016-05-18

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[51] **Int.Cl. A23L 7/161 (2016.01) A23L 7/191 (2016.01) A23P 30/30 (2016.01) A21D 13/043 (2017.01) A21D 13/047 (2017.01) A21D 13/066 (2017.01)**
[25] EN
[54] **GLUTEN-FREE COMPOSITIONS**
[54] **COMPOSITIONS SANS GLUTEN**
[72] CARLESSO, SHARYN, AU
[71] CARLESSO, SHARYN, AU
[85] 2018-11-16
[86] 2017-06-02 (PCT/AU2017/050535)
[87] (WO2017/205932)
[30] AU (2016902155) 2016-06-03

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[51] **Int.Cl. C09K 8/528 (2006.01) C01B 25/40 (2006.01) C09K 8/536 (2006.01) C09K 8/80 (2006.01)**
[25] EN
[54] **SLOW-RELEASE SCALE INHIBITING COMPOSITIONS**
[54] **COMPOSITIONS ANTI-TARTRE A LIBERATION LENTE**
[72] DREYER, DANIEL ROBERT, US
[72] KURIAN, PIOUS V., US
[71] ECOLAB USA INC., US
[85] 2018-11-15
[86] 2017-05-12 (PCT/US2017/032372)
[87] (WO2017/200864)
[30] US (62/336,774) 2016-05-16

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[13] A1
[51] **Int.Cl. A61K 38/26 (2006.01) C07K 14/605 (2006.01)**
[25] EN
[54] **GLUCAGON-RECEPTOR SELECTIVE POLYPEPTIDES AND METHODS OF USE THEREOF**
[54] **POLYPEPTIDES SELECTIFS DU RECEPTEUR DU GLUCAGON ET METHODES POUR LES EMPLOYER**
[72] BLACKWELL, WILLIAM, US
[72] SRIVASTAVA, VED P., US
[72] PAULIK, MARK A., US
[72] YOUNG, ANDREW, US
[72] HUNTER, ROBERT NEIL, III, US
[72] DOCK, STEVEN THOMAS, US
[71] INTARCIA THERAPEUTICS, INC., US
[85] 2018-11-15
[86] 2017-05-15 (PCT/US2017/032714)
[87] (WO2017/200943)
[30] US (62/337,005) 2016-05-16
[30] US (62/414,146) 2016-10-28
[30] US (62/420,937) 2016-11-11

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[13] A1
[51] **Int.Cl. F42D 1/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR LINING A BLAST HOLE**
[54] **APPAREIL ET PROCEDE DE REVETEMENT DE TROU DE MINE**
[72] BODLEY, NICHOLAS, AU
[71] MTI GROUP PTY LTD, AU
[85] 2018-11-16
[86] 2016-11-30 (PCT/AU2016/051177)
[87] (WO2017/197427)
[30] AU (2016901856) 2016-05-18

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[51] **Int.Cl. A42C 5/02 (2006.01) A41D 20/00 (2006.01) A42C 5/00 (2006.01)**
[25] EN
[54] **DEVICE FOR ABSORBING AND RETAINING SWEAT**
[54] **DISPOSITIF D'ABSORPTION ET DE RETENUE DE SUEUR**
[72] JOHNSON, JUSTIN, US
[72] JOHNSON, J.T., US
[72] SULHEIM, CHAD, US
[71] NO SWEAT, LLC, US
[85] 2018-11-15
[86] 2017-05-16 (PCT/US2017/032796)
[87] (WO2017/200973)
[30] US (15/157,385) 2016-05-17

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[51] **Int.Cl. C07D 487/14 (2006.01) A61K 31/4162 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01) C07D 498/04 (2006.01) C07D 498/14 (2006.01) C07D 498/20 (2006.01)**
[25] EN
[54] **MACROCYCLIC INDOLE DERIVATIVES**
[54] **DERIVES D'INDOLE MACROCYCLIQUES**
[72] JOHANNES, SARAH ANNA LIESA, DE
[72] BUCHGRABER, PHILIPP, DE
[72] KLAR, ULRICH, DE
[72] CHRIST, CLARA, DE
[72] FERNANDEZ-MONTALVAN, AMAURY ERNESTO, DE
[72] MOWES, MANFRED, DE
[72] LIENAU, PHILIP, DE
[72] EIS, KNUT, DE
[72] SACK, ULRIKE, DE
[72] MONNING, URSULA, DE
[72] SCHOLZ, ARNE, DE
[72] KUHNKE, JOACHIM, DE
[72] THEDE, KAI, DE
[72] WERBECK, NICOLAS, DE
[72] SERRANO-WU, MICHAEL, US
[72] LEMKE, CHRIS, US
[72] MCKINNEY, DAVID, US
[72] FITZGERALD, MARK, US
[72] NASVESCHUK, CHRISTOPHER, US
[72] LAZARSKI, KIEL, US
[72] FERRARA, STEVEN JAMES, US
[72] FURST, LAURA, US
[72] WEI, GUO, US
[72] MCCARREN, PATRICK RYAN, US
[71] BAYER AKTIENGESELLSCHAFT, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[71] THE BROAD INSTITUTE, INC., US
[85] 2018-11-16
[86] 2017-05-17 (PCT/EP2017/000629)
[87] (WO2017/198341)
[30] US (62/338,942) 2016-05-19
[30] EP (16172726.8) 2016-06-02

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[13] A1
[51] **Int.Cl. E04G 21/32 (2006.01) E04G 3/28 (2006.01) E04G 5/14 (2006.01)**
[25] EN
[54] **A PERIMETER SAFETY SCREEN ASSEMBLY**
[54] **ENSEMBLE ECRAN DE SECURITE DE PERIMETRE**
[72] ROSATI, EMILIO, AU
[71] FORM 700 PTY LTD, AU
[85] 2018-11-16
[86] 2017-05-19 (PCT/AU2017/000117)
[87] (WO2017/197440)
[30] AU (2016901878) 2016-05-19
[30] AU (2016904047) 2016-10-05

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[13] A1
[51] **Int.Cl. G01N 27/02 (2006.01) G01N 27/07 (2006.01) G01N 27/22 (2006.01)**
[25] EN
[54] **DETERMINING AN ELECTRICAL PROPERTY OF INTEREST OF MATERIALS IN A TARGET REGION**
[54] **DETERMINATION D'UNE PROPRIETE ELECTRIQUE D'INTERET DE MATERIAUX DANS UNE REGION CIBLE**
[72] VOUTILAINEN, ARTO, FI
[71] ROCSOLE LTD, FI
[85] 2018-11-16
[86] 2016-05-26 (PCT/FI2016/050368)
[87] (WO2017/203095)

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[51] **Int.Cl. C07K 16/00 (2006.01) C07K 16/34 (2006.01) C07K 16/36 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **ANTI-FACTOR IX PADUA ANTIBODIES**
[54] **ANTICORPS ANTI-FACTEUR IX PADUA**
[72] VOELKEL, DIRK, AT
[72] PACHLINGER, ROBERT, AT
[72] ROTTENSTEINER, HANSPETER, AT
[72] WEBER, ALFRED, AT
[72] ENGELMAIER, ANDREA, AT
[71] BAXALTA INCORPORATED, US
[71] BAXALTA GMBH, CH
[85] 2018-11-15
[86] 2017-05-16 (PCT/US2017/032808)
[87] (WO2017/200981)
[30] US (62/337,118) 2016-05-16
[30] US (62/340,834) 2016-05-24

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[51] **Int.Cl. C04B 35/10 (2006.01) C04B 35/101 (2006.01) C04B 35/443 (2006.01) C04B 35/626 (2006.01) C04B 35/64 (2006.01) C04B 35/66 (2006.01) F27D 1/00 (2006.01)**
[25] EN
[54] **SPINEL REFRACTORY GRANULATES WHICH ARE SUITABLE FOR ELASTICIZING HEAVY-CLAY REFRACTORY PRODUCTS, METHOD FOR THEIR PRODUCTION AND USE THEREOF**
[54] **GRANULATS DE SPINELLE IGNIFUGES CONVENANT POUR RENDRE ELASTIQUES DES PRODUITS IGNIFUGES EN CERAMIQUE GROSSIERE, PROCEDE POUR LES REALISER ET LEUR UTILISATION**
[72] LIEVER, HEINRICH, DE
[72] SCHULZE-BERGKAMEN, HILMAR, NZ
[72] VELLMER, CARSTEN, DE
[71] REFRATECHNIK HOLDING GMBH, DE
[85] 2018-11-16
[86] 2017-03-23 (PCT/EP2017/056998)
[87] (WO2017/198377)
[30] DE (10 2016 109 254.1) 2016-05-19

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[51] **Int.Cl. H01F 38/14 (2006.01) H02J 50/10 (2016.01) H02J 50/80 (2016.01)**
[25] EN
[54] **COIL UNIT**
[54] **UNITE BOBINE**
[72] NARUSE, YUJI, JP
[72] MINAGAWA, YUSUKE, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-11-16
[86] 2016-05-18 (PCT/JP2016/064713)
[87] (WO2017/199361)

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[13] A1
[51] **Int.Cl. H01L 49/00 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING SECONDARY BATTERY**
[54] **PROCEDE DE FABRICATION DE BATTERIE RECHARGEABLE**
[72] TSUNOKUNI, KAZUYUKI, JP
[72] SAITO, TOMOKAZU, JP
[72] SATO, YUKI, JP
[72] TAKANO, HIKARU, JP
[71] KABUSHIKI KAISHA NIHON MICRONICS, JP
[85] 2018-11-16
[86] 2017-04-05 (PCT/JP2017/014164)
[87] (WO2017/199618)
[30] JP (2016-100875) 2016-05-19
[30] JP (2017-049257) 2017-03-15

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[51] **Int.Cl. C07K 17/08 (2006.01)**
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[72] DOYLE, THOMAS, US
[72] WATERHOUSE, ANNA, US
[72] RODAS, MELISSA, US
[72] WATTERS, ALEXANDER L., US
[72] SUPER, MICHAEL, US
[72] INGBER, DONALD E., US
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[54] **FOREHEAD COOLING METHOD AND DEVICE TO STIMULATE THE PARASYMPATHETIC NERVOUS SYSTEM FOR THE TREATMENT OF INSOMNIA**
[54] **PROCEDE DE REFROIDISSEMENT DU FRONT ET DISPOSITIF DESTINE A STIMULER LE SYSTEME NERVEUX PARASYMPATHIQUE POUR LE TRAITEMENT DE L'INSOMNIE**
[72] NOFZINGER, ERIC A., US
[71] EBB THERAPEUTICS, INC., US
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[54] **HYDROGENATED BLOCK COPOLYMER, VIBRATION DAMPER, SOUND INSULATOR, INTERLAYER FOR LAMINATED GLASS, DAM RUBBER, SHOE SOLE MATERIAL, FLOORING MATERIAL, LAMINATE, AND LAMINATED GLASS**
[54] **COPOLYMERE SEQUENCE HYDROGENE, AMORTISSEUR DE VIBRATIONS, ISOLANT ACOUSTIQUE, COUCHE INTERMEDIAIRE POUR VERRE FEUILLETE, CAOUTCHOUC DE BARRAGE, MATERIAU DE SEMELLE DE CHAUSSURE, MATERIAU DE REVETEMENT DE SOL, STRATIFIE ET VERRE FEUILLETE**
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[72] OSHITA, SHINYA, JP
[71] KURARAY CO., LTD., JP
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[54] **TETHERLESS WEARABLE THERMAL DEVICES AND METHODS OF USING THEM FOR TREATMENT OF SLEEPING AND NEUROLOGICAL DISORDERS**
[54] **DISPOSITIFS THERMIQUES PORTATFS SANS ATTACHE ET METHODES D'UTILISATION DE CEUX-CI POUR LE TRAITEMENT DE TROUBLES DU SOMMEIL ET DE TROUBLES NEUROLOGIQUES**
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[72] SCHIRM, JEFFERY, US
[71] EBB THERAPEUTICS, INC., US
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[54] **ADMINISTRATION LENTIVIRALE DE CONSTRUCTIONS CRISPR/CAS QUI CLIVENT LES GENES ESSENTIELS A L'INFECTION PAR LE VIH-1 ET SA REPLICATION**
[72] HOWELL, ALEXANDRA, US
[72] ESZTERHAS, SUSAN, US
[72] LUIKART, BRYAN WESTON, US
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[54] **SYSTEMES DE REFROIDISSEMENT PAR EVAPORATION ET PROCEDES DE REGULATION DE TEMPERATURE DE PRODUIT PENDANT LA LIVRAISON**
[72] WINKLE, DAVID C., US
[72] MCHALE, BRIAN G., GB
[72] HIGH, DONALD R., US
[72] MATTINGLY, TODD D., US
[71] WALMART APOLLO, LLC, US
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[54] **PROCEDE D'EXFOLIATION DE PARTICULES**
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[71] UNIVERSITE GRENOBLE ALPES, FR
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[72] WHITE, JACOB, US
[71] BERRY METAL COMPANY, US
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[54] **METHOD OF ENHANCING ADHESION OF LIQUID TONER PRINTED ON A SUBSTRATE, AND PRODUCTS THEREFROM**
[54] **PROCEDE D'AMELIORATION DE L'ADHERENCE D'UN TONER LIQUIDE IMPRIME SUR UN SUBSTRAT, ET PRODUITS AINSI OBTENUS**
[72] VARNELL, DANIEL F., US
[71] SOLENIS TECHNOLOGIES, L.P., CH
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[54] **POLYNUCLEOTIDES CODANT LA RELAXINE**
[72] XIA, ZHINAN, US
[72] TICHO, BARRY, US
[72] BRIANCON-ERIS, NADEGE, US
[72] DOUSIS, ATHANASIOS, US
[72] DE PICCIOTTO, SEYMOUR, US
[72] PRESNYAK, VLADIMIR, US
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[71] MODERNATX, INC., US
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[54] **DIHYDROTESTOSTERONE AND DIHYDROTESTOSTERONE DERIVATIVES AND PROMOTERS IN THE TREATMENT OF CANCER**
[54] **DIHYDROTESTOSTERONE ET DERIVES DE DIHYDROTESTOSTERONE ET PROMOTEURS POUR LE TRAITEMENT DU CANCER**
[72] HOFFMAN, STEVEN, US
[71] TYME, INC., US
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[54] **SANITARY WASTE TREATMENT METHOD**
[54] **PROCEDE DE TRAITEMENT DE DECHETS SANITAIRES**
[72] LATTIMORE, SIDNEY, US
[72] SUMMERS, BUFORD HAROLD DENTON, US
[71] B.A.M. 2 WASTE WATER CONSULTING, PTR., US
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[25] EN
[54] **DEVICE FOR REMOVING CATALYST AND OTHER MATERIAL FROM REFINERY AND PETROCHEMICAL REACTORS AND OTHER VESSELS**
[54] **DISPOSITIF D'ELIMINATION DE CATALYSEUR ET D'UN AUTRE MATERIAU A PARTIR DE REACTEURS DE RAFFINERIE ET PETROCHIMIQUES ET D'AUTRES CUVES**
[72] JANSEN, CHRISTOPHER, AU
[72] HOISETH, MERLIN S., US
[72] HARVEY, NICOLAS, CA
[71] WORLEYPARSONS SERVICES PTY LTD, AU
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[54] **METHODS AND SYSTEMS FOR DETECTING INTRUSIONS IN A MONITORED VOLUME**
[54] **PROCEDES ET SYSTEMES DE DETECTION D'INTRUSIONS DANS UN VOLUME SURVEILLE**
[72] BRAVO ORELLANA, RAUL, FR
[72] GARCIA, OLIVIER, FR
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[54] **SYSTEM AND METHOD FOR PREPARING A PATIENT'S TIBIA IN AN ORTHOPAEDIC JOINT REPLACEMENT PROCEDURE**
[54] **SYSTEME ET PROCEDE DE PREPARATION DU TIBIA D'UN PATIENT LORS D'UNE PROCEDURE DE REMPLACEMENT D'ARTICULATION ORTHOPEDIQUE**
[72] PENNINGER, CHARLES L., US
[72] BARNETT, JAMES E., GB
[72] FLAKNE, KYLE R., US
[72] HATHAWAY, TYLER S., US
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[72] REEVE, MICHAEL R., GB
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[72] AC, SHIVARAM, IN
[72] BURAVALLA, VIDYASHANKAR RAMASASTRY, IN
[72] GHOSH, SHUVAJYOTI, IN
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[54] **POLYNUCLEOTIDES CODANT POUR L'?-GALACTOSIDASE A POUR LE TRAITEMENT DE LA MALADIE DE FABRY**
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[72] HOGE, STEPHEN, US
[72] BENENATO, KERRY, US
[72] PRESNYAK, VLADIMIR, US
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[54] **ANTICORPS ANTI-TIM-3 ET LEURS METHODES D'UTILISATION**
[72] VAN DIJK, MARC, NL
[72] BREOUS-NYSTROM, EKATERINA VLADIMIROVNA, CH
[72] WILSON, NICHOLAS STUART, US
[72] WAIGHT, JEREMY DALE, US
[72] UNDERWOOD, DENNIS JOHN, US
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[54] **POLYTHERAPIE A BASE D'ARNM POUR LE TRAITEMENT DU CANCER**
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[72] HEWITT, SUSANNAH, US
[72] BAI, AILIN, US
[72] HOGE, STEPHEN G., US
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[54] **LIDAR A BALAYAGE A PIXELS MULTIPLES**
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[72] KERSTENS, PIETER J., US
[72] REKOW, MATHEW NOEL, US
[72] NESTINGER, STEPHEN S., US
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[54] **FILMS A BASE DE PLASMA ET PROCEDES POUR LES FABRIQUER ET LES UTILISER**
[72] ERICSON, DANIEL GRANT, US
[71] OCTAPHARMA AG, CH
[85] 2018-11-15
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[54] **PROCEDE ET SYSTEME DE VERIFICATION D'IMAGE A DISTANCE SUR UNITE D'AFFICHAGE ELECTRONIQUE**
[72] DE LAET, RICK, US
[72] DUNN, WILLIAM, US
[71] MANUFACTURING RESOURCES INTERNATIONAL, INC., US
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[54] **SYSTEME DE MANIPULATION POUR PIECES D'USURE EN CONTACT AVEC LE SOL FIXEES EQUIPEMENT DE TERRASSEMENT**
[72] PAUL, DAVID M., US
[72] CLARKE, RODNEY K., AU
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[72] COWGILL, NOAH D., US
[72] FINLEY, TAYLOR M., US
[72] CARPENTER, RYAN J., US
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[54] **PROCEDE DE TRAITEMENT D'UN ENSEMBLE DE DONNEES GEOSPATIALES**
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[72] AGGARWAL, VIBHOR, IN
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **FEUILLES ABSORBANTES DOUCES, TISSUS STRUCTURANTS POUR LA FABRICATION DE FEUILLES ABSORBANTES DOUCES, ET PROCEDES DE FABRICATION DE FEUILLES ABSORBANTES DOUCES**
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[72] FAN, XIAOLIN, US
[72] CHOU, HUNG-LIANG, US
[72] ORIARAN, TAIYE PHILIPS, US
[72] ANAND, FARMINDER SINGH, US
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[72] MILLER, JOSEPH HENRY, US
[71] GPCP IP HOLDINGS LLC, US
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[72] SUZUKI, TOSHIHIKO, JP
[72] SHIMIZU, SHINOBU, JP
[72] MIZUNO, MASAAKI, JP
[72] HAYAKAWA, MASAHIRO, JP
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[72] BARKER, DEAN ANTONY, NZ
[72] O'DONNELL, KEVIN PETER, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
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[54] **INHIBITEURS D'ARGILE POUR OPERATIONS DE FORAGE, DE FRACTURATION ET AUTRES**
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[71] INGEVITY SOUTH CAROLINA, LLC, US
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[54] **BETA-HAIRPIN PEPTIDOMIMETIC WITH ELASTASE INHIBITORY ACTIVITY AND AEROSOL DOSAGE FORMS THEREOF**
[54] **PEPTIDOMIMETIQUE EN EPINGLE A CHEVEUX BETA PRESENTANT UNE ACTIVITE D'INHIBITION DE L'ELASTASE ET FORMES PHARMACEUTIQUES AEROSOLS CORRESPONDANTES**
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[72] KELLER, MANFRED, DE
[71] POLYPHOR AG, CH
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[54] **PEPTIDOMIMETIQUE EN EPINGLE A CHEVEUX BETA AYANT UNE ACTIVITE INHIBITRICE A L'ENCONTRE DE L'ELASTASE, ET SES FORMES POSOLOGIQUES EN AEROSOL**
[72] BRUIJNZEEL, PIET, NL
[72] ZIMMERMANN, JOHANN, DE
[72] BARTH, PHILIP, CH
[72] CHEVALIER, ERIC, FR
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[72] FELL, JAY BRADFORD, US
[72] BLAKE, JAMES F., US
[72] HINKLIN, RONALD JAY, US
[72] MEJIA, MACEDONIO J., US
[72] HICKEN, ERIK JAMES, US
[72] CHICARELLI, MARK JOSEPH, US
[72] GAUDINO, JOHN J., US
[72] VIGERS, GUY P.A., US
[72] BURGESS, LAURENCE E., US
[72] MARX, MATTHEW ARNOLD, US
[72] CHRISTENSEN, JAMES GAIL, US
[72] LEE, MATTHEW RANDOLF, US
[72] SAVECHENKOV, PAVEL, US
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[72] TANG, TONY P., US
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[54] **GRANULATS DE SPINELLE IGNIFUGES CONVENANT POUR RENDRE ELASTIQUES DES PRODUITS IGNIFUGES EN CERAMIQUE GROSSIERE, PROCEDE POUR LES REALISER ET LEUR UTILISATION**
[72] LIEVER, HEINRICH, DE
[72] SCHULZE-BERGKAMEN, HILMAR, NZ
[72] VELLMER, CARSTEN, DE
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[72] YUAN, ZHIRUN, CA
[72] MAO, CHANGBIN, CA
[71] FPINNOVATIONS, CA
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[54] **INSTALLATION ET PROCEDE DE TRAITEMENT D'UN FLUX COMPRENANT DU SULFURE D'HYDROGENE**
[72] LOFBERG, AXEL, FR
[72] GUERRERO, JESUS, ES
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE LILLE, FR
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[72] JEANMART, STEPHANE ANDRE MARIE, CH
[72] ZAMBACH, WERNER, CH
[72] RENDINE, STEFANO, CH
[72] LAMBERTH, CLEMENS, CH
[72] BEAUDEGNIES, RENAUD, CH
[72] POULIOT, MARTIN, CH
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[54] **DISPOSITIF DE COMPLETION DE FOND DE TROU AVEC UN LIQUIDE**
[72] KRUGER, CHRISTIAN, DK
[71] WELLTEC OILFIELD SOLUTIONS AG, CH
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[72] NESGAARD, CARSTEN, DK
[71] WELLTEC OILFIELD SOLUTIONS AG, CH
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[54] **FORMULATIONS TOPIQUES DE COMPOSES HETEROCYCLIQUES BIARYLES ET LEURS PROCEDES D'UTILISATION**
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[72] DUFFY, ERIN M., US
[71] MELINTA SUBSIDIARY CORP., US
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[54] **DERIVE PYRIMIDINE, PROCEDE DE PREPARATION ET UTILISATION ASSOCIEE EN MEDECINE**
[72] CHEN, LEI, CN
[72] GUAN, DONGLIANG, CN
[72] BAI, HUA, CN
[72] GOU, JUN, CN
[72] ZHAO, WEIFENG, CN
[72] WANG, ZHONGLI, CN
[72] LING, LONG, CN
[72] MA, YUTAO, CN
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[54] **DRY-ERASE COMPOSITIONS AND METHODS OF MAKING AND USING THEREOF**
[54] **COMPOSITIONS EFFACABLES A SEC ET LEURS PROCEDES DE REALISATION ET D'UTILISATION**
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[72] WEBER, RACHEL ANN, US
[71] IDEAPAINT, INC., US
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[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
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[72] LUTZE, WERNER, US
[72] PEGG, IAN, US
[71] THE CATHOLIC UNIVERSITY OF AMERICA, US
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[54] **PROCEDE DE FABRICATION D'UN ARTICLE FORME A LA PRESSE, ET CHAINE DE FABRICATION**
[72] NAKAZAWA, YOSHIAKI, JP
[72] NOMURA, NARUHIKO, JP
[72] SUZUKI, TOSHIYA, JP
[72] KUBO, MASAHIRO, JP
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[71] HEIJMANS N.V., NL
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[72] SMARGON, AARON, US
[72] PYZOCHA, NEENA, US
[72] COX, DAVID BENJAMIN TURITZ, US
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[72] VALENCIA, JAIME A., US
[72] MAHER, DAVID W., US
[72] DENTON, ROBERT D., US
[72] TELETZKE, GARY F., US
[72] LIN, MICHAEL W., US
[71] EXXONMOBILE UPSTREAM RESEARCH COMPANY, US
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[72] TSUJIMOTO, HIROKO, JP
[72] SHINOHARA, TAKESHI, JP
[71] JAPAN SCIENCE TECHNOLOGY AGENCY, JP
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[72] OLSON, MERLE E., CA
[71] ALBERTA VETERINARY LABORATORIES LTD, CA
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[72] LARMOUR-SHIP, KEREN, IL
[72] FABIAN, TAL, IL
[72] MILLER, ALAN, IL
[72] KRUMBEIN RUBIN, SHARON, IL
[72] SHANDALOV, ELIZABETA, IL
[72] BERGSTEIN FREIBERG, MIRA, IL
[71] BROMINE COMPOUNDS LTD., IL
[71] TENOVA ADVANCED TECHNOLOGIES LTD, IL
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[54] **CORPS MOULE EN MOUSSE, CAOUTCHOUC D'AMORTISSEMENT, CORPS COMPOSITE DE CAOUTCHOUC D'AMORTISSEMENT ET PANNEAU, ET PROCEDE D'AUGMENTATION DE LA PERTE DE TRANSMISSION DU SON**
[72] MORISHITA, YOSHIHIRO, JP
[72] KATO, MASAHIRO, JP
[72] SENDA, YASUSHI, JP
[72] ARISHIMA, HIROYUKI, JP
[72] KOISHIKAWA, JUN, JP
[71] KURARAY CO., LTD., JP
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[54] **APPARATUS AND METHOD FOR WELDING COMPOSITE THERMOPLASTIC MATERIALS**
[54] **APPAREIL ET PROCEDE POUR SOUDER DES MATERIAUX THERMOPLASTIQUES COMPOSITES**
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[71] MTI GROUP PTY LTD, AU
[85] 2018-11-16
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[54] **COATING COMPOSITIONS AND PROCESSES FOR MAKING THE SAME**
[54] **COMPOSITIONS DE REVETEMENT ET LEURS PROCEDES DE PREPARATION**
[72] GUJARE, NITIN, CA
[72] HOLUB, JIRI, CA
[72] TABIENDO, JUN, CA
[72] ANDRENACCI, ALFREDO, CA
[71] SHAWCOR LTD., CA
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[54] **T-CELL RECEPTORS WHICH RECOGNISE FRAMESHIFT MUTANTS OF TGF.BETA.RII**
[54] **RECEPTEURS DE LYMPHOCYTES T RECONNAISSANT DES MUTANTS DE DEPHASAGE DE TGF.BETA.RII**
[72] INDERBERG, ELSE MARIT, NO
[72] GAUDERNACK, GUSTAV, NO
[72] WALCHLI, SEBASTIEN, NO
[72] KVALHEIM, GUNNAR, NO
[71] OSLO UNIVERSITETSSYKEHUS HF, NO
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[54] **POWER CONTROL DEVICE AND RELATED METHODS**
[54] **DISPOSITIF DE COMMANDE D'ALIMENTATION ET PROCEDES ASSOCIES**
[72] SOULIERES, SYLVAIN, CA
[72] JASMIN, SIMON, CA
[72] LAURENCELLE, FRANCOIS, CA
[72] MOREAU, ALAIN, CA
[72] VILLEMURE, CLAUDE, CA
[72] BOYER, STEPHANE, CA
[71] SYSTEMEX-ENERGIES INC., CA
[71] HYDRO-QUEBEC, CA
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[54] **SYSTEM AND METHOD FOR DETERMINING CORRESPONDENCE AND ACCOUNTABILITY BETWEEN BINARY CODE AND SOURCE CODE**
[54] **SYSTEME ET PROCEDE DE DETERMINATION D'UNE CORRESPONDANCE ET D'UNE RESPONSABILITE ENTRE UN CODE BINAIRE ET UN CODE SOURCE**
[72] LIE, DAVID, CA
[72] MIYANI, DHAVAL, CA
[72] SKANDARANIYAM, JANAHAN, CA
[72] THANOS, DANIEL, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[54] **METHOD OF MANUFACTURING A STRUCTURAL COMPONENT**
[54] **PROCEDE DE FABRICATION D'ELEMENT STRUCTURAL**
[72] SINGH, JASWINDER PAL, US
[71] MAGNA INTERNATIONAL INC., CA
[85] 2018-11-09
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[54] **COMPOSITIONS ANTIBACTERIENNES**
[72] COPP, JANINE NAOMI, NZ
[72] ACKERLEY, DAVID FRANCIS, NZ
[71] VICTORIA LINK LIMITED, NZ
[71] COPP, JANINE NAOMI, NZ
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[54] **METHOD OF AUGMENTED AUTHENTIFICATION OF A MATERIAL SUBJECT**
[54] **PROCEDE D'AUTHENTIFICATION AUGMENTEE D'UN SUJET MATERIEL**
[72] BOUTANT, YANN, FR
[72] FOURNEL, THIERRY, FR
[71] KERQUEST, FR
[85] 2018-11-15
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[54] **SUBMARINE DRIVE SYSTEM**
[54] **SYSTEME DE PROPULSION DE SOUS-MARIN**
[72] PINNEKAMP, BURKHARD, DE
[72] KLEINHEINZ, TOBIAS, DE
[72] WITTEKIND, DIETRICH, DE
[72] HOPPE, FRANZ, DE
[72] SCHMIDBAUER, THOMAS, DE
[72] VOLLMER, BERNHARD, DE
[71] RENK AKTIENGESELLSCHAFT, DE
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[54] **IDENTITY AUTHENTICATION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL D'AUTHENTIFICATION D'IDENTITE**
[72] LI, PENG, CN
[72] SUN, YIPENG, CN
[72] XIE, YONGXIANG, CN
[72] LI, LIANG, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
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[54] **AN APPARATUS AND METHOD FOR INSPECTING COILED TUBING**
[54] **APPAREIL ET PROCEDE D'INSPECTION D'UN TUBE SPIRALE**
[72] MARTIN, BRADLEY ROBERT, CA
[72] CARLSON, AARON MITCHELL, CA
[71] INTELLIGENT WELLHEAD SYSTEMS INC., CA
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[54] **PROCEDE DE FABRICATION D'UN PROFILE DE CHANT ET PARTIE DE MEUBLE**
[72] STREICHARDT, THOMAS, DE
[71] FRITZ EGGER GMBH & CO. OG, AT
[85] 2018-11-16
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[54] **COMPOSITIONS DE POLYOL ACRYLIQUE A AMINOPLASTE DURCISSABLE, LEUR PROCEDE DE PREPARATION ET LEURS PROCEDES D'UTILISATION**
[72] GUMMESON, JOEL, US
[72] PFOHL, WILLIAM F., US
[71] INEOS MELAMINES GMBH, DE
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[54] **MODULAR ASSAY READER DEVICE**
[54] **DISPOSITIF DE LECTURE DE TEST MODULAIRE**
[72] XIE, TONG, US
[72] HENGSTLER, STEPHAN, US
[72] MOYER, VINCENT C., US
[72] LAI, BENNY WING HUNG, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **A SYNTHETIC ZEOLITE COMPRISING A CATALYTIC METAL**
[54] **ZEOLITE SYNTHETIQUE COMPRENANT UN METAL CATALYTIQUE**
[72] CORMA CANOS, AVELINO, ES
[72] GUZMAN, JAVIER, US
[72] MOLINER MARIN, MANUEL, ES
[72] SERNA MERINO, PEDRO, US
[72] STROHMAIER, KARL G., US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
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[54] **TOOL FOR SEVERING A DOWNHOLE TUBULAR BY A STREAM OF COMBUSTION PRODUCTS**
[54] **OUTIL POUR COUPER UN ELEMENT TUBULAIRE DE FOND PAR UN FLUX DE PRODUITS DE COMBUSTION**
[72] JOHNSTON, SIDNEY DANTUMA, GB
[71] SPEX CORPORATE HOLDINGS LTD, GB
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[54] **BALE DETECTION AND CLASSIFICATION USING STEREO CAMERAS**
[54] **DETECTION ET CLASSIFICATION DE BALLES A L'AIDE D'APPAREILS DE PHOTO STEREO**
[72] FEVOLD, JAKE, US
[72] DUPONT, EDMOND, US
[72] KROZAK, KRIS, US
[72] DUX, DARIN L., US
[72] GRAHAM, CURT, US
[72] THOMPSON, KENT, US
[71] VERMEER MANUFACTURING COMPANY, US
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[54] **GAMING TABLE DEVICE**
[54] **DISPOSITIF DE TABLE DE JEU**
[72] BROS, CYRIL, FR
[72] DUCHENE, FREDERIC, FR
[72] GELINOTTE, EMMANUEL, FR
[71] GAMING PARTNERS INTERNATIONAL, FR
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[54] **COMPOSITION PHARMACEUTIQUE ET SON UTILISATION DANS LE TRAITEMENT DE MALADIES AUTO-IMMUNES**
[72] ALBANI, SALVATORE, SG
[71] SINGAPORE HEALTH SERVICES PTE. LTD., SG
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[51] **Int.Cl. E21B 43/00 (2006.01)**
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[54] **COMBINED OPERATION METHOD FOR WORK MODES OF WALKING BEAM PUMPING UNIT**
[54] **PROCEDE DE FONCTIONNEMENT INTEGRE POUR UN SYSTEME DE TRAVAIL D'UNE UNITE DE POMPAGE A BALANCIER**
[72] ZHANG, MIN, CN
[72] HAN, MINGTING, CN
[72] ZHANG, JIE, CN
[72] XING, WEN, CN
[71] HARBIN SURFICS ELECTRICAL TECHNOLOGY INC, CN
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[54] **ADMINISTRATION MECHANISM FOR A MEDICAMENT DELIVERY DEVICE**
[54] **MECANISME D'ADMINISTRATION DESTINE A UN DISPOSITIF D'ADMINISTRATION DE MEDICAMENT**
[72] ALEXANDERSSON, OSCAR, SE
[71] SHL MEDICAL AG, CH
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[51] **Int.Cl. C14B 1/56 (2006.01) B29C 43/02 (2006.01) B60R 13/02 (2006.01)**
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[54] **METHOD FOR FORMING MATERIALS SUCH AS LEATHER AND HIDE**
[54] **PROCEDE DE FORMAGE DE MATERIAUX TELS QUE LE CUIR ET LES PEAUX**
[72] MAZZON, ROMEO, IT
[71] PERSICO SPA, IT
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[54] **APPAREIL DE TRANSFERT LATERAL ANTIMICROBIEN ET PROCEDE D'UTILISATION**
[72] MCAULEY, JOHN, US
[71] MCAULEY MEDICAL, INC., US
[85] 2018-11-16
[86] 2017-05-26 (PCT/US2017/034744)
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[54] **PORTABLE APPARATUS AND METHOD FOR DECISION SUPPORT FOR REAL TIME AUTOMATED MULTISENSOR DATA FUSION AND ANALYSIS**
[54] **APPAREIL PORTABLE ET PROCEDE D'ASSISTANCE A LA DECISION POUR FUSION ET ANALYSE DE DONNEES DE CAPTEURS MULTIPLES AUTOMATISEES EN TEMPS REEL**
[72] WELLER, WHITNEY, US
[72] PEPUS, GREGORY, US
[71] AIRFUSION, INC., US
[85] 2018-11-15
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[54] **CRANIOPLASTY PLATE ASSEMBLY WITH PIVOTAL STRUTS**
[54] **ENSEMBLE PLAQUE DE CRANIOPLASTIE A ENTRETOISES PIVOTANTES**
[72] HOWARD, MATTHEW A., US
[72] WAIZENEGGER, AXEL, US
[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
[85] 2018-11-15
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[54] **STABILIZATION OF BETA-HYDROXYISOVALERIC ACID FORMULATIONS IN SOFT GEL CAPSULES**
[54] **STABILISATION DE FORMULATIONS D'ACIDE BETA-HYDROXYISOVALERIQUE DANS DES CAPSULES MOLLES**
[72] PURPURA, MARTIN, US
[72] JAEGER, RALF, US
[72] GU, JIE, CN
[72] ZHENG, XIONG, CN
[72] ZHANG, YAOHUA, CN
[72] DAI, LINGWEI, CN
[71] TSI GROUP LTD., US
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[51] **Int.Cl. B67C 11/04 (2006.01) B67D 7/16 (2010.01) B65B 3/30 (2006.01) B65D 47/06 (2006.01) B65D 51/24 (2006.01)**
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[54] **MEASURING ADAPTER ASSEMBLY FOR CLOSED LOOP FLUID TRANSFER SYSTEM**
[54] **ENSEMBLE ADAPTATEUR DE MESURE POUR UN SYSTEME DE TRANSFERT DE FLUIDE EN BOUCLE FERMEE**
[72] FREIBURGER, BENJAMIN, US
[72] HOLLEY, BROCK E., US
[72] HEADLY, THOMAS, US
[72] GEVERS, MATTHEW H., US
[71] TUTHILL CORPORATION, US
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[51] **Int.Cl. C09K 8/60 (2006.01) C09K 8/584 (2006.01) C09K 8/68 (2006.01)**
[25] EN
[54] **SHEAR RECOVERY FOR VISCOSIFYING SURFACTANTS IN STIMULATION FLUIDS**
[54] **REPRISE APRES CISAILLEMENT DES TENSIOACTIFS VISCOSIFIANTS DANS DES FLUIDES DE STIMULATION**
[72] NDONG, ROSE, US
[72] LIN, GENYAO, US
[72] KESAVAN, SUBRAMANIAN, US
[72] VILLAFANE, LOUIS, US
[72] ZHOU, JIAN, US
[71] RHODIA OPERATIONS, FR
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[54] **ORDER FULFILLMENT SYSTEM WITH ROBOTIC BREAK PACK**
[54] **SYSTEME D'EXECUTION DE COMMANDES DOTE D'EMBALLAGE TERTIAIRE ROBOTIQUE**
[72] HIGH, DONALD R., US
[72] ATCHLEY, MICHAEL D., US
[71] WALMART APOLLO, LLC, US
[85] 2018-11-16
[86] 2017-05-22 (PCT/US2017/033742)
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[30] US (62/340,276) 2016-05-23

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[25] EN
[54] **APPARATUS AND METHOD FOR DISPLAYING CONTENT WITH DELIVERY VEHICLE**
[54] **APPAREIL ET PROCEDE D'AFFICHAGE D'UN CONTENU AVEC UN VEHICULE DE LIVRAISON**
[72] HIGH, DONALD R., US
[72] WINKLE, DAVID C., US
[71] WALMART APOLLO, LLC, US
[85] 2018-11-15
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[30] US (62/338,326) 2016-05-18

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[54] **PRODUCT MERCHANDISING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE PRESENTATION DE MARCHANDISES**
[72] NOOLI, PRAVEEN KUMAR, US
[72] TRIPATHI, ATUL, US
[72] DIRIK, SOYKAN, US
[71] PEPSICO,INC., US
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[54] **PREPARATION DE (S)-N-(5-((R)-2-(2,5-DIFLUOROPHENYL)PYRROLIDIN-1-YL)PYRAZOLO[1,5-A]PYRIMIDIN-3-YL)-3-HYDROXYPYRROLIDINE-1-CARBOXAMIDE**
[72] EARY, CHARLES TODD, US
[72] REYNOLDS, MARK, US
[72] SPENCER, STACEY, US
[72] JUENGST, DERRICK, US
[72] HACHE, BRUNO, US
[72] JIANG, YUTONG, US
[72] HAAS, JULIA, US
[72] ANDREWS, STEVEN W., US
[71] EARY, CHARLES TODD, US
[71] REYNOLDS, MARK, US
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[54] **MODULATEURS DE RECEPTEURS NMDA DE SPIRO-LACTAME ET UTILISATIONS ASSOCIEES**
[72] KHAN, M. AMIN, US
[71] APTINYX INC., US
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[54] **APPAREIL D'EXERCICE POUR JEU DE BALLE**
[72] ROYNESTAD, TOM TORALV, NO
[72] ROB, FRANK, NO
[72] ROYNESTAD, OLE TOM, NO
[71] ROYNESTAD, TOM TORALV, NO
[71] ROB, FRANK, NO
[71] ROYNESTAD, OLE TOM, NO
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[54] **NOUVELLE UTILISATION D'UN PRODUIT POUR LE TRAITEMENT DE LA PEAU**
[72] ERIKSSON, JANOLOF, SE
[71] BIOCOOL AB, SE
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[54] **NOUVEAUX DECOUPLANTS MITOCHONDRIAUX POUR LE TRAITEMENT DE MALADIES METABOLIQUES ET DU CANCER**
[72] AUGERI, DAVID J., US
[72] CAO, BIN, US
[72] TAO, HANLIN, US
[72] JIN, SHENGKAN, US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
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[54] **AERONEF A DECOLLAGE ET ATTERRISSAGE VERTICAUX A CONFIGURATIONS D'AILES INCLINEES**
[72] LYASOFF, RODIN, US
[72] BOWER, GEOFFREY C., US
[72] LOVERING, ZACHARY, US
[71] A^3 BY AIRBUS LLC, US
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[54] **PLATE-FORME CONFIGURABLE POUR CAPTEURS DE REVERBERES**
[72] RIEDEL, TOD, US
[72] AGRAWAL, ANIL, US
[71] CIMCON LIGHTING, INC., US
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[54] **LIGANDS DE SARD - COMPOSES DE DEGRADATION SELECTIFS DE RECEPTEURS DES ANDROGENES - ET METHODES D'UTILISATION**
[72] NARAYANAN, RAMESH, US
[72] MILLER, DUANE, US
[72] PONNUSAMY, THAMARAI, US
[72] HWANG, DONG-JIN, US
[72] HE, YALI, US
[71] UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION, US
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[54] **PROCEDES DE TRAITEMENT DE LA MYASTHENIE GRAVE GENERALISEE REFRACTAIRE**
[72] BEDROSIAN, CAMILLE, US
[72] O'BRIEN, FANNY, US
[72] WANG, JING JING, US
[71] ALEXION PHARMACEUTICALS, INC., US
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[54] **COMPOSITIONS A BASE D'EAU ET PROCEDES RAPIDES DE FORMATION DE COMPOSITIONS DE REVETEMENT COMPOSITE A PLUSIEURS COMPOSANTS SUR DES SUBSTRATS**
[72] WANG, WEI, US
[72] FENN, DAVID R., US
[72] HUI, CHINMING, US
[72] NIEDERST, CRAIG D., US
[72] ISTIVAN, STEPHEN BRIAN, US
[72] LIU, WENQING, CN
[72] MENG, XIAOJIE, CN
[72] SONG, LIMING, CN
[72] WANG, JUAN, CN
[72] WEI, WEI, CN
[72] XIE, IEI, CN
[72] HUANG, HAI RONG, CN
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[54] **METHOD AND ASSEMBLY FOR PREPARING A DRINK BASED ON FROZEN FOOD**
[54] **PROCEDE ET ENSEMBLE DE PREPARATION D'UNE BOISSON A BASE D'ALIMENTS CONGELES**
[72] MATHIJSSEN, GLENN, BE
[72] HENNIN, PHILIPPE, BE
[72] MAAS, STEFAN, BE
[72] GEERINCK, MAARTEN, BE
[72] SANDERS, MERIJN, BE
[72] BEYERS, KOEN, BE
[72] VERHAEGEN, STEN, BE
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[54] **ANALOGUES DE 2-ETHYLIDENE-1,5-DIMETHYL-3,3-DIPHENYLPYRROLIDINE ET PROCEDES POUR LEUR SYNTHESE ET UTILISATION**
[72] HUANG, FEI, US
[72] WU, DONGPEI, US
[72] MEJORADO, LUPE, US
[72] BANASZCZYK, MARIUSZ, US
[71] ALERE SAN DIEGO, INC., US
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[54] **DISPOSITIFS CHIRURGICAUX ROBOTIQUES, SYSTEMES ET PROCEDES ASSOCIES**
[72] FARRITOR, SHANE, US
[72] OLEYNIKOV, DMITRY, US
[72] MURPHY, JOHN, US
[72] VARANELLI, SABRINA, US
[72] SHASHO, JEFF, US
[72] WOOD, NATHAN, US
[72] WILSON, JACK, US
[72] PEA ALLEN, ELEANORA, US
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[54] **POLYNUCLEOTIDES CODANT POUR LA PORPHOBILINOGENE DESAMINASE DESTINES AU TRAITEMENT DE LA PORPHYRIE INTERMITTENTE AIGUE**
[72] MARTINI, PAOLO, US
[72] HOGE, STEPHEN, US
[72] BENENATO, KERRY, US
[72] PRESNYAK, VLADIMIR, US
[72] JIANG, LEI, US
[72] MCFADYEN, IAIN, US
[72] KUMARASINGHE, ELLALAHEWAGE SATHYAJITH, US
[72] FONTANELLAS ROMA, ANTONIO, ES
[72] BERRAONDO LOPEZ, PEDRO, ES
[72] AVILA ZARAGOZA, MATIAS ANTONIO, ES
[72] GUEY, LIN TUNG, US
[72] SABNIS, STACI, US
[71] MODERNATX, INC., US
[71] FUNDACION PARA LA INVESTIGACION MEDICA APLICADA, ES
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[54] **POLYNUCLEOTIDES CODANT POUR LA CITRINE POUR LE TRAITEMENT DE LA CITRULLINEMIE DE TYPE 2**
[72] MARTINI, PAOLO, US
[72] HOGE, STEPHEN, US
[72] BENENATO, KERRY, US
[72] PRESNYAK, VLADIMIR, US
[72] MCFADYEN, IAIN, US
[72] KUMARASINGHE, ELLALAHEWAGE SATHYAJITH, US
[72] CAO, JINSONG, US
[72] GUEY, LIN TUNG, US
[72] SABNIS, STACI, US
[71] MODERNATX, INC., US
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[54] **PROCEDES DE PRODUCTION DE BIOPLASTIQUES ET DE BIOPRODUITS DERIVES DE FUMIER**
[72] ESSAIDI, JALILA, NL
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[54] **VALIDATION D'IDENTIFIANT BIOMETRIQUE POUR SYSTEME D'ENTREE**
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[72] REYMANN, STEFFEN, GB
[71] CUBIC CORPORATION, US
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[54] **CORDON DE SERRAGE A IMPLANTER DANS UN ANNEAU DE VALVE CARDIAQUE**
[72] ALON, DAVID, IL
[72] KORMAN, DROR, IL
[71] CARDIAC IMPLANTS LLC, US
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[54] **PROCEDE DE SEQUENCAGE AMELIORE PAR IDENTIFICATION DE BRIN**
[72] WENG, LI, US
[72] FAHAM, MALEK, US
[72] LIN, SHENGRONG, US
[72] TANG, LING FUNG, US
[72] LU, YONTAO, US
[72] SUN, ZHAOHUI, US
[72] WANG, YINGYU, US
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[71] DAIICHI SANKYO COMPANY, LIMITED, JP
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[54] **LOGEMENT D'ECHAPPEMENT DE TURBINE A HAUTE DURABILITE**
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[72] KAPUSTKA, THEODORE W., US
[72] LEVASSEUR, GLENN, US
[72] BORG, MARCUS, SE
[72] BERGLUND, JOAKIM, SE
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[54] **AMELIORATIONS D'INTERFACE DE TELEVISION**
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[72] MARTCH, HENRY GREGG, US
[72] MINNICK, DANNY, US
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[54] **ANALYSE DE STABILITE DU SIGNAL D'UN CAPTEUR DE GLUCOSE**
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[72] GOTTLIEB, REBECCA K., US
[72] RAMACHANDRAN, MEENA, US
[72] CHIU, CHIA HUNG, US
[72] DANGUI PATEL, NANDITA, US
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[54] **DETECTION DE SEQUENCES D'ACIDES NUCLEIQUES CIBLES PAR ANALYSE PAR CLIVAGE PTO ET EXTENSION**
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[72] NARVEL, JAMES, US
[72] YATES, JENNIFER, US
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[72] RIALS, ROSS, US
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[54] **BLOC DE PAVAGE CONSTITUE D'UN GRANULE DE CAOUTCHOUC ET SON PROCEDE DE FABRICATION**
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[54] **SYSTEME ET PROCEDE POUR UNE LIGNE DE TRANSMISSION A IMPEDANCE VARIABLE POUR LA CHARGE DE DISPOSITIFS SANS FIL**
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[54] **UTILISATION DE L'INFORMATION DE CONTEXTE POUR FACILITER LE TRAITEMENT DES COMMANDES DANS UN ASSISTANT VIRTUEL**
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[72] BRIGHAM, CHRISTOPHER DEAN, US
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[54] **COMPOSITIONS MOUSSANTES CONTENANT DES MELANGES AZEOTROPIQUES OU DE TYPE AZEOTROPIQUE CONTENANT DU Z-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE ET LEURS APPLICATIONS DANS LA PREPARATION DE MOUSSES A BASE DE POLYISOCYANATE**
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[54] **PROCEDES AMELIORES DE FABRICATION DE PRODUITS A MACHER POUR ANIMAUX STIMULATEURS DE L'APPETIT ET EFFICACES D'UN POINT DE VUE DENTAIRE**
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[72] COPE, MELINDA S., US
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[72] OGATA, WAYNE, US
[71] RETRO VASCULAR, INC., US
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[72] GELFAND, CRAIG A., US
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[72] MOSKOWITZ, KEITH A., US
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[72] HINDSON, BENJAMIN J., US
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[54] **EMULSIFICATION ET TRANSPORT DE MOUSSE DE BITUME EN VUE D'EXTRAIRE DES IMPURETES**
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