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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

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

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

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1. Dates and Code Numerals Appearing in Patent Headings

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

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

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

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

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

Avis

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

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

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

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

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

2. Country Code

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

2. Code des pays

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

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

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

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

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

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

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

4. Orders for Patents by Class or Sub-Class

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

4. Commande de brevets par classe ou sous-classe

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

5. Advice on Making a Patent Application

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

5. Conseils relatifs à la préparation de demandes de brevets

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

6. Licensing of Patents

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

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

6. Octroi de licences en vertu des brevets

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

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

7. Patents Available for Licence or Sale

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

7. Brevets disponibles pour licence ou vente

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

8. List of Patents Available for Licence or Sale

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

2,654,395
2,676,118
2,701,086
2,704,131
2,717,504

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 :

2,654,395
2,676,118
2,701,086
2,704,131
2,717,504

2,745,646	2,745,646
2,755,317	2,755,317
2,765,148	2,765,148
2,926,128	2,926,128

9. Applications Open to Public Inspection

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

9. Demandes mises à la disponibilité du public

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

10. Language of Published Documents

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

10. Langue du document publié

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

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

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

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

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

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

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

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

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

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

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

Preliminary Examination

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

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

* International fees will be reduced by:

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

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

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **269 $**

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

* Les frais seront réduits de:

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

12. PCT Notices

Patent Cooperation Treaty (PCT)

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

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

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

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

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

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

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

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

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

13. Practice Notice

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

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

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

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

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

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

13. Énoncé de pratique

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

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

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

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

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

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

Offices.

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

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

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

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

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

14. Correspondence Procedures

June 20, 2017

14. Procédures de correspondance

le 20 juin, 2017

This notice will replace all previous notices regarding Correspondence Procedures.

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

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

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

1. Physical Delivery of Correspondence to CIPO

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

1. Livraison en personne de correspondance à l'OPIC

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

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

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

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

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

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

Download the Fee Payment Form.

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

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

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

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

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

Téléchargez le formulaire de paiements.

1.1 Designated Establishments

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

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

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

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

1.1 Établissements désignés

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1.2. Services Courrier recommandé[MC] et Xpresspost[MC] de Postes Canada

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

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

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

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

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^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.

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

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

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

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

2. Correspondance électronique

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

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

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

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

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

2.1 Facsimile

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

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

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

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

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

Patents

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

2.1 Correspondance par télécopieur

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

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

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

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

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

Brevets

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

2.2 Online

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

Patents

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

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

2.2 En ligne

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

Brevets

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

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

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

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

Canada as Receiving Office Under the PCT: PCT-SAFE

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

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

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

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

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

Trademarks

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

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

Marques de commerce

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

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

Copyright

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

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

Droits d'auteur

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

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

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

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

Industrial Designs

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

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

Dessins industriels

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

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

Integrated Circuit Topographies

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

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

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

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

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

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

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

2.3 Supports électroniques

Brevets

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

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

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

application itself or amendment(s) thereof.

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

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

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

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

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

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

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

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

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

Electronic Media accepted by the Patent Office

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

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

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

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

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

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

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

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

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

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

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

Supports électroniques acceptés par le Bureau des brevets

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

the PCT Administration Instructions.

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

F des Instructions administratives du PCT.

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

3. Details concerning the electronic formats accepted

3. Précisions concernant les formats électroniques acceptés

Patents

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

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

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

TIFF Format:

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

PDF Format:

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

Brevets

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

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

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

Format TIFF

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

Format PDF

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

ASCII

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

ASCII

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

Industrial Design

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

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

TIFF Format:

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

Photographs in JPEG Format:

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

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

Dessins industriels

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

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

Format TIFF :

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

Photographies en format JPEG :

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

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

4. General Information

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

4. Renseignements généraux

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

5. Statutory Holidays

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

5. Jours fériés

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

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

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

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

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

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

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

Time limits under the Patent and Trade-marks Acts

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

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

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

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

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

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

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

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

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

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

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

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

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

Délais prévus dans le Traité de coopération en matière de brevets

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

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

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

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

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

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

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

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

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

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

Provincial and Territorial Holidays

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

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

Jours fériés provinciaux ou territoriaux

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

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

When CIPO's Offices are closed for business

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

Jours de fermeture des bureaux de l'OPIC au public

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

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

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

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

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

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

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

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

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

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

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

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

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

6. Procédures en cas de fermeture des bureaux

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

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

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

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

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

deposit account number.

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

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

Patents, Industrial Design, Copyright and Integrated Circuit Topography

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

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

Trademarks

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

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

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

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

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

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

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

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

Marques de commerce

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

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

8. Intellectual property acts, rules and regulations

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

8. Lois, règles et règlements sur la propriété intellectuelle

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

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of September 19, 2017 contains applications open to public inspection from September 3, 2017 to September 9, 2017.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 19 septembre 2017 contient les demandes disponibles au public pour consultation pour la période du 3 septembre 2017 au 9 septembre 2017.

Canadian Patents Issued

September 19, 2017

Brevets canadiens délivrés

19 septembre 2017

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[13] C
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[54] **RECEPTEURS MUTANTS ET LEUR UTILISATION DANS UN SYSTEME D'EXPRESSION DE GENE INDUCTIBLE BASE SUR UN RECEPTEUR NUCLEAIRE**
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[54] **BANDELETTE REACTIVE DE SUBSTANCE A ANALYSER AVEC DEPOT A REACTIF AMELIORE**
[72] TEODORCZYK, MARIA, US
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[54] **OLIGONUCLEOTIDES COMPRENANT DES PAIRES DE SIGNALISATION ET DES NUCLEOTIDES HYDROPHOBES, BALISES SANS TIGE, POUR LA DETECTION D'ACIDES NUCLEIQUES, DE L'ETAT DE METHYLATION ET DE MUTANTS D'ACIDES NUCLEIQUES**
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[54] **MONITEUR CARDIAQUE NON INVASIF ET PROCEDES D'UTILISATION DE DONNEES CARDIAQUES ENREGISTREES EN CONTINU**
[72] KUMAR, UDAY N., US
[72] KNIGHT, JOSEPH ALLEN, US
[72] WHITE, JOHN WARREN, US
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[54] **PROCEDE ET SYSTEME DE TRANSFORMATION D'OBJETS DE DONNEES LOGIQUES A DES FINS DE STOCKAGE**
[72] KOIFMAN, HAIM, IL
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[54] **SYSTEME DE DISTINCTION DE DOCUMENTS ET METHODE CONNEXE**
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[72] SAYSON, DAVID, CA
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[72] FAEHLE, MATTHIAS, DE
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[54] **SYSTEMES D'EQUIPEMENT DE SURFACE D'EMPLACEMENT DE PUITS**
[72] COQUILLEAU, LAURENT, US
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[72] MARSHALL, WILLIAM, US
[72] SHAMPINE, ROD, US
[72] GAMBIER, PHILIPPE, US
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[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **INTEGRAL TWO LAYER PREFORM, PROCESS AND APPARATUS FOR THE PRODUCTION THEREOF, PROCESS FOR PRODUCING A BLOW-MOULDED BAG-IN CONTAINER, AND BAG-IN-CONTAINER THUS PRODUCED**
[54] **PREFORME A DEUX COUCHES D'UN SEUL TENANT, PROCEDE ET APPAREIL POUR LA PRODUCTION DE CELLE-CI, PROCEDE POUR LA PRODUCTION D'UNE CAISSE-OUTRE MOULEE PAR SOUFFLAGE, ET CAISSE-OUTRE AINSI OBTENUE**
[72] VAN HOVE, SARAH, BE
[72] PEIRSMAN, DANIEL, BE
[72] VERPOORTEN, RUDI, BE
[73] INBEV S.A., BE
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[54] **INTEGRALLY BLOW-MOULDED BAG-IN-CONTAINER HAVING AN INNER LAYER AND THE OUTER LAYER MADE OF THE SAME MATERIAL AND PREFORM FOR MAKING IT**
[54] **CAISSE-OUTRE MOULEE PAR SOUFFLAGE D'UN SEUL TENANT PRESENTANT UNE COUCHE INTERNE ET UNE COUCHE EXTERNE FABRIQUEES DANS LE MEME MATERIAU ET PREFORME PERMETTANT DE LA FABRIQUER**
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[72] PEIRSMAN, DANIEL, BE
[72] VERPOORTEN, RUDI, BE
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[54] **HIGH FIBER SHELF STABLE TOASTER PASTRIES AND METHODS OF PREPARATION**
[54] **PATISSERIES DE LONGUE CONSERVATION A HAUTE TENEUR EN FIBRES POUR GRILLE-PAIN ET METHODES DE PREPARATION**
[72] ALLEN, PATRICK E., US
[72] FUNK, DEAN F., US
[72] KIRIHARA, TERRY T., US
[73] GENERAL MILLS IP HOLDINGS II, LLC, US
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[54] **ENSEMBLE DE BALLAST DE STABILISATION SEPARE**
[72] BRONDT, GARY W., US
[72] BROWN, RAYMOND A., US
[73] HUBBELL INCORPORATED, US
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[54] **APPAREILLAGE ET METHODE APPLICABLES A LA CHOREGRAPHIE DE L'AFFICHAGE ROBOTISE**
[72] SUTHERLAND, STEPHEN, CA
[72] WICK, DALE, CA
[73] CROSSWING INC., CA
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[54] **RAJEUNUISSEMENT DE CABLES ELECTRIQUES A CARACTERISTIQUES THERMIQUES AMELIOREES**
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[73] NOVINIUM, INC., US
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[54] **FUEL MANIFOLD FOR GAS TURBINE ENGINE**
[54] **RAMPE DE DISTRIBUTION CARBURANT POUR TURBINE A GAZ**
[72] MORENKO, OLEG, CA
[72] DAVIS, ROBERT RICHARD, CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **METHOD AND APPARATUS FOR DECODING A SIGNAL SENT FROM A MEASUREMENT-WHILE-DRILLING TOOL**
[54] **PROCEDE ET APPAREIL SERVANT A DECODER UN SIGNAL TRANSMIS PAR MESURE PENDANT L'UTILISATION D'UN OUTIL DE FORAGE**
[72] KHROMOV, SERGEY, CA
[72] EDDY, AARON, CA
[72] RODDA, ROBERT, CA
[73] PASON SYSTEMS CORP., CA
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[54] **SYSTEME DE SECURITE PAR PLAQUES GOUSSET DE FERME ET DISPOSITIFS DE FIXATION**
[72] CROOKSTON, LAWRENCE A., US
[73] CROOKSTON, LAWRENCE A., US
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[54] **SYSTEME DE COMMUNICATION**
[72] SPENCER, JONATHAN ALLAN, GB
[72] KENDRICK, GILES DAVID, GB
[72] MILLINGTON, JONATHAN PAUL, GB
[72] STEPHENSON, IAN DAVID, GB
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[73] QINETIQ LIMITED, GB
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[54] **VIS BALAYEUSE EXTENSIBLE**
[72] HOOGESTRAAT, ALAN GLENN, US
[72] HOLLANDER, LYLE KEITH, US
[73] SUDENGA INDUSTRIES, INC., US
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[72] CARLSON, MARK, US
[73] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[54] **TORTILLAS A COQUILLE MOLLE**
[72] GRIEBEL, JONATHAN M., US
[72] SOMMER, VINCENT PAUL, US
[72] HAJOVY, IVAN, US
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[54] **APPAREIL ET PROCEDES POUR LA MESURE DU DEBIT CARDIAQUE**
[72] LOWERY, GUY RUSSELL, US
[72] GRANDE, WILLIAM J., US
[73] MICROPEN TECHNOLOGIES CORPORATION, US
[73] ECOM MED., INC., US
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[54] **DEFLECTOR FOR A GAS TURBINE STRUT AND VANE ASSEMBLY**
[54] **DEFLECTEUR POUR ENSEMBLE PYLONE-AUBES D'UNE TURBINE A GAZ**
[72] DUROCHER, ERIC, CA
[72] SLEIMAN, MOHAMAD, CA
[72] TSIFOURDARIS, PANAGIOTA, CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **DYNAMIC ADDRESS TRANSLATION WITH FRAME MANAGEMENT**
[54] **TRADUCTION D'ADRESSE DYNAMIQUE AVEC GESTION DE TRAME**
[72] GREINER, DAN, US
[72] GAINEY, JR., CHARLES, US
[72] HELLER, LISA, US
[72] OSISEK, DAMIAN, US
[72] SLEGEL, TIMOTHY, US
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[54] **OLIGOFLUORINATED CROSS-LINKED POLYMERS AND USES THEREOF**
[54] **POLYMERES RETICULES OLIGOFLUORES ET LEURS UTILISATIONS**
[72] ESFAND, ROSEITA, CA
[72] SANTERRE, J. PAUL, CA
[72] ERNSTING, MARK J., CA
[72] PHAM, H. HUNG, CA
[72] WANG, VIVIAN Z., CA
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[54] **INTERFACE DE CAPTEUR DE FOND DE TROU**
[72] SAEED, GOHAR, US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **FOREUSE ROTATIVE A PERCUSSION ET PROCEDE DE FONCTIONNEMENT DE CELLE-CI**
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[72] LANGFORD, JAMES W., US
[73] ATLAS COPCO SECOROC LLC, US
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[54] **METHODS OF INHIBITING BACTERIAL VIRULENCE AND COMPOUNDS RELATING THERETO**
[54] **PROCEDES D'INHIBITION DE LA VIRULENCE BACTERIENNE ET COMPOSES S'Y RAPPORTANT**
[72] SPERANDIO, VANESSA, US
[72] FALCK, JOHN R., US
[72] STEWART, DONALD R., US
[73] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[73] OMM SCIENTIFIC, INC., US
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[54] **ANTIBODY-MEDIATED DISRUPTION OF QUORUM SENSING IN BACTERIA**
[54] **DISRUPTION, MEDIEE PAR DES ANTICORPS, DE LA DETECTION DU QUORUM CHEZ DES BACTERIES**
[72] JANDA, KIM D., US
[72] KAUFMANN, GUNNAR F., US
[72] PARK, JUNGUK, US
[73] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2010-04-20
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[54] **PHARMACEUTICAL COMPOSITIONS FOR MODULATING A KINASE CASCADE AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS PHARMACEUTIQUES POUR LA MODULATION D'UNE CASCADE DE KINASES ET LEURS PROCEDES D'UTILISATION**
[72] HANGAUER, DAVID G., JR., US
[73] ATHENEX, INC., US
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[54] **PROCESSING OF DATA TO MONITOR INPUT/OUTPUT OPERATIONS**
[54] **TRAITEMENT DE DONNEES POUR SUIVRE DES OPERATIONS D'ENTREE-SORTIE**
[72] CASPER, DANIEL, US
[72] FLANAGAN, JOHN, US
[72] HUANG, CATHERINE, US
[72] KALOS, MATTHEW, US
[72] RICCI, LOUIS, US
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[54] **SUCTION DEVICE WITH AN ELECTROSTATIC FLEXIBLE STICKING SHEET**
[54] **DISPOSITIF D'ASPIRATION AVEC FEUILLE SOUPLE COLLANTE**
[72] LU, CHUN CHIEH, TW
[73] LU, CHUN CHIEH, TW
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[54] **FASTENER WITH ADHESIVE BASE AND TWIST-TIE AND METHOD OF MAKING THE FASTENER AND OF USING THE FASTENER**
[54] **ATTACHE AVEC BASE ADHESIVE ET LIGATURE, ET METHODE DE REALISATION DE L'ATTACHE ET DE SON UTILISATION**
[72] BUSELLI, OSCAR LAWRENCE, US
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[54] **COMPACT POWER TONG**
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[72] FEIGEL, KURT R., JR., CA
[72] POHNERT, VLADIMIR G., CA
[73] UNIVERSE MACHINE CORPORATION, CA
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[54] **EXTRACTEUR D'ANCRAGE**
[72] RIVARD, GILLES, CA
[73] RIVARD, GILLES, CA
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[25] EN
[54] **COUPLING BETWEEN FREE SPACE AND OPTICAL WAVEGUIDE USING ETCHED COUPLING SURFACES**
[54] **COUPLAGE ENTRE UN ESPACE LIBRE ET UN GUIDE D'ONDES OPTIQUES UTILISANT DES SURFACES DE COUPLAGE GRAVEES**
[72] WEBSTER, MARK, US
[72] PATEL, VIPULKUMAR, US
[72] NADEAU, MARY, US
[72] GOTHOSKAR, PRAKASH, US
[72] PIEDE, DAVID, US
[73] CISCO TECHNOLOGY, INC., US
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[54] **STRUCTURAL FIBER CEMENT BUILDING MATERIALS**
[54] **MATERIAUX DE CONSTRUCTION DE CIMENT DE FIBRES STRUCTURAL**
[72] COTTIER, JOHN SYDNEY, AU
[72] COWEN, DECEMBER ROSE, US
[72] DUNOYER, REMI, AU
[72] DUSELIS, STEVEN, AU
[72] GLEESON, JAMES ALBERT, AU
[72] KUMAR, AMITABHA, US
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[54] **SILENCING OF POLO-LIKE KINASE EXPRESSION USING INTERFERING RNA**
[54] **SILENCAGE DE L'EXPRESSION DE LA POLO-LIKE KINASE A L'AIDE D'UN ARN INTERFERENT**
[72] JUDGE, ADAM, CA
[72] MACLACHLAN, IAN, CA
[73] PROTIVA BIOTHERAPEUTICS, INC., CA
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[54] **METHOD FOR RECOVERING FILTER CAKE AND DEVICE FOR CAKE FORMING AND WASHING FILTRATION**
[54] **METHODE DE RECUPERATION DE GATEAU FILTRANT, ET DISPOSITIF DE FORMATION DE GATEAU ET DE NETTOYAGE PAR LAVAGE DE LA FILTRATION**
[72] WILEY, NATHAN, US
[73] CORN PRODUCTS DEVELOPMENT, INC., US
[86] (2711336)
[87] (2711336)
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[25] EN
[54] **MEASUREMENT BANDWIDTH CONFIGURATION METHOD**
[54] **PROCEDE DE CONFIGURATION DE LARGEUR DE BANDE DE MESURE**
[72] KAZMI, MUHAMMAD, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2010-07-06
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[54] **QUICK COUPLING WITH SAFETY CATCH DEVICE**
[54] **RACCORD RAPIDE AVEC CRAN DE SURETE**
[72] TIVELLI, SERGIO, IT
[73] STUCCHI S.P.A., IT
[86] (2712008)
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[51] **Int.Cl. H04W 80/12 (2009.01) H04W 12/02 (2009.01) H04W 92/18 (2009.01)**
[25] EN
[54] **SECURED PRESENTATION LAYER VIRTUALIZATION FOR WIRELESS HANDHELD COMMUNICATION DEVICE HAVING ENDPOINT INDEPENDENCE**
[54] **VIRTUALISATION DE COUCHE DE PRESENTATION SECURISEE POUR DISPOSITIF DE COMMUNICATION PORTABLE SANS FIL AUX EXTREMITES INDEPENDANTES**
[72] ANDRESS, MARK W., CA
[72] DIETRICH, TREVOR, CA
[72] DIXON, KEVIN, CA
[72] NOBLE, DUNCAN, CA
[73] BLACKBERRY LIMITED, CA
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[25] EN
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[54] **BLOQUEUR DE CANAUX SODIQUES TRIAZOIQUES ET DIAZOIQUES CYCLIQUES**
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[72] HARBIGE, LAURENCE, GB
[72] RIDDALL, DIETER, GB
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[73] UNIVERSITY OF GREENWICH, GB
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[25] EN
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[54] **VTT EQUIPE D'UN MECANISME DE POIGNEE POUR UN PASSAGER**
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[72] SUNSDAHL, ROY A., US
[72] TAYLOR, SCOTT D., US
[73] POLARIS INDUSTRIES INC., US
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[25] EN
[54] **WHEEL DISASSEMBLY SAFETY SYSTEM**
[54] **SYSTEME DE SECURITE POUR DESASSEMBLAGE DE ROUE**
[72] MARSALY, OLIVIER, FR
[72] ROGERS, LARRY K., US
[72] HOBE, PETER K., US
[73] HUTCHINSON INDUSTRIES, INC., US
[86] (2712154)
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[25] EN
[54] **CANINE INFLUENZA VACCINES**
[54] **VACCINS CONTRE LA GRIPPE CANINE**
[72] MINKE, JULES MAARTEN, FR
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[54] **PETIT DISPOSITIF DE STATION DE BASE, DISPOSITIF DE STATION DE BASE, DISPOSITIF DE STATION MOBILE, ET SYSTEME DE COMMUNICATION MOBILE**
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[54] **COMPOSITIONS DE NETTOYAGE STABLES CONTENANT DES PRODUITS TENSIOACTIFS A BASE ISETHIONATE D'ACYLE GRAS PRESENTANT UNE TENEUR EN ACIDE GRAS/SAVON A BASE D'ACIDE GRAS SUPERIEURE A 10% EN POIDS A TAUX ELEVE DE POLYOL, ET LEURS PROCEDES**
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[73] UNILEVER PLC, GB
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[54] **ORGANIC / INORGANIC HYBRID CATALYTIC MATERIALS, THEIR PREPARATION, USE IN SELECTIVE PROCESSES AND REACTORS CONTAINING THEM**
[54] **MATERIAUX CATALYTIQUES HYBRIDES ORGANIQUES-INORGANIQUES ET LEURS METHODES DE PREPARATION, UTILISATION DANS CERTAINS PROCEDES SELECTIFS, ET REACTEURS LES CONTENANT**
[72] BARBARO, PIERLUIGI, IT
[72] BIANCHINI, CLAUDIO, IT
[72] LIGUORI, FRANCESCA, IT
[72] SAWA, HARUO, IT
[72] VIZZA, FRANCESCO, IT
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[54] **SYSTEM FOR INTEGRATING SERVICE MANAGEMENT SYSTEMS**
[54] **SYSTEME D'INTEGRATION DES SYSTEMES DE GESTION DE SERVICES**
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[72] HUDSON, ANDREW A., GB
[72] ELMETT, SARA J., GB
[72] PENVENNE, JUDITH C., US
[72] SULLIVAN, SANDRA S., US
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[54] **SYSTEME ET DISPOSITIFS DE RECUPERATION DE LA CHALEUR DES EAUX USEES**
[72] MACKENZIE, STEVEN KEITH, US
[73] MAC-DAN INNOVATIONS LLC, US
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[54] **METHOD FOR THE DEPOSITION OF PAINT OVERSPRAY, AND DEPOSITION LIQUID**
[54] **PROCEDE DE SEPARATION DE PERTES DE PEINTURE A LA PULVERISATION ET FLUIDE DE SEPARATION ASSOCIE**
[72] DINGLER, GUNTHER, DE
[72] HIHN, ERWIN, DE
[72] SWOBODA, WERNER, DE
[72] SCHLIPF, MICHAEL, DE
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[54] **VIS RADIO-TRANSPARENTE A MARQUEUR RADIO-OPAQUE**
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[54] **VACCINS CONTENANT DES VARIANTS GENETIQUES DE PARVOVIRUS CANIN**
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[72] COOPER, EMILY, US
[73] THE BOARD OF REGENTS FOR OKLAHOMA STATE UNIVERSITY, US
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[54] **EQUIPEMENT AVEC FORCE ACTIVE DE L'AILE VERS LE BAS ET SEQUENCAGE DU LEVAGE DE L'AILE**
[72] GRAHAM, WILLIAM, DOUGLAS, US
[72] BARFELS, AARON, L., US
[73] DEERE & COMPANY, US
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[54] **REPRESENTATION GRAPHIQUE DE RELATIONS DE CONTENU SUR UNE SURFACE D'UN OBJET GRAPHIQUE**
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[73] WORD DIAMONDS LLC, US
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[54] **DISTRIBUTEUR D'USTENSILES DE COUTELLERIE**
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[72] VAN LIESHOUT, MARJOLEIN I., NL
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
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[72] PAZDERNIK, IRVAN L., US
[72] LENARZ, JEFFERY L., US
[72] THOEN, RANDY K., US
[72] ANDERSON, PAUL, US
[72] LARSON, MARK, US
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[54] **METHOD AND SYSTEM FOR TAGGING PACKETS ROUTED TO CUSTOMER PREMISES DEVICES VIA CLUSTERS OF DEDICATED CUSTOMER INTERFACES**
[54] **PROCEDE ET SYSTEME D'ETIQUETAGE DE PAQUETS ROUTES VERS DES DISPOSITIFS DE LOCAUX D'ABONNES PAR LE BIAIS D'ENSEMBLES D'INTERFACES CLIENT DEDIEES**
[72] ARIS, AZRIN, MY
[72] RAMLI, SITI SAWIAH, MY
[72] CHIA, CHING KING, MY
[72] AHSAN@MISKAM, NURUL SHUHADA, MY
[72] YUSOF, ROHAYU, MY
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[54] **DISPOSITIF ET PROCEDE POUR LA DISTRIBUTION D'UN FLUIDE**
[72] CARTAGE, THIERRY, BE
[72] BODSON, OLIVIER JACQUES F.J.G., BE
[72] THIJSSEN, MARC, BE
[73] SOLVAY (SOCIETE ANONYME), BE
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[54] **METHODS AND DEVICES FOR THE INDIRECT DISPLACEMENT OF THE HYOID BONE FOR TREATING OBSTRUCTIVE SLEEP APNEA**
[54] **PROCEDES ET DISPOSITIFS DE DEPLACEMENT INDIRECT DE L'OS HYOIDE EN VUE DE TRAITER L'APNEE OBSTRUCTIVE DU SOMMEIL**
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[72] WEADOCK, KEVIN S., US
[73] ETHICON, INC., US
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[54] **METHODS AND DEVICES FOR MITIGATING ESD EVENTS**
[54] **PROCEDES ET DISPOSITIFS POUR ATTENUER DES EVENEMENTS DE DECHARGE ELECTROSTATIQUE**
[72] GUTHRIE, BRIAN, GB
[72] MACRAE, ALLAN, GB
[72] LAWRIE, KEITH, GB
[72] FAULKNER, ALLAN, GB
[72] LEE, CHIN WEE, SG
[72] TAN, JIA YIAN, US
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[54] **APPARATUS FOR DETERMINING AND/OR MONITORING A PROCESS VARIABLE OF A MEDIUM**
[54] **DISPOSITIF POUR LA DETERMINATION ET/OU LE CONTROLE D'UNE GRANDEUR DE PROCESSUS D'UN FLUIDE**
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[54] **SYSTEM FOR TRACKING VESSELS IN AUTOMATED LABORATORY ANALYZERS BY RADIO FREQUENCY IDENTIFICATION**
[54] **SYSTEME POUR LE SUIVI DE RECIPIENTS DANS DES ANALYSEURS DE LABORATOIRE AUTOMATISES PAR IDENTIFICATION PAR RADIOFREQUENCE**
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[73] ABBOTT LABORATORIES, US
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[72] LEE, EDWARD, TW
[72] PARSONS, ROBERT DAVID, TW
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[54] **ELEMENT DE SECURITE AVEC CODAGE LISIBLE PAR MACHINE**
[72] SCHIFFMANN, PETER, DE
[72] OTTO, DANIELA, DE
[72] ZERBES, JUERGEN, DE
[72] REINER, HARALD, DE
[72] MAYER, KARLHEINZ, DE
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[72] GIESE, NEILL A., US
[73] GILEAD CALISTOGA LLC, US
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[54] **MATERIAU ABSORBANT COMPRENANT DES POLYSACCHARIDES, EN PARTICULIER DES ALKYLSULFONATES**
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[73] SPECIALITY FIBRES AND MATERIALS LIMITED, GB
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[54] **APPAREIL ET PROCEDE POUR COMMANDER UN DISPOSITIF DE DISQUE DUR ELECTRONIQUE (SSD)**
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[72] VENTURI, RONALD, GB
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[54] **SYSTEMES DE TRAITEMENT DE PLAIES PAR PRESSION REDUITE ET METHODES UTILISANT DES DISTRIBUTEURS INDUISANT UNE MICRO-CONTRAINTE**
[72] ROBINSON, TIMOTHY MARK, GB
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] TOUT, AIDAN MARCUS, GB
[73] KCI LICENSING, INC., US
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[54] **PROCEDES DE MESURE DE CONCENTRATIONS DE BIOMOLECULES**
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[72] PAOLETTI, ANDREW COREY, US
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[54] **COMPOSITION LUBRIFIANTE CONTENANT UN COMPOSE ISSU D'UN ACIDE HYDROXYCARBOXYLIQUE**
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[72] BAKER, MARK R., US
[72] BASU, SHUBHAMITA, US
[73] THE LUBRIZOL CORPORATION, US
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[54] **PROCEDE ET APPAREIL POUR LIMITER LA CROISSANCE DE LA LONGUEUR DE L'OEIL**
[72] NEITZ, JAY, US
[72] NEITZ, MAUREEN, US
[73] THE MEDICAL COLLEGE OF WISCONSIN, INC., US
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[54] **COMPOSITIONS ANTIMICROBIENNES ELIMINANT LES BIOPELLICULES ET LEURS APPLICATIONS**
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[72] MADHYASTHA, SRINIVASA, CA
[72] LOVETRI, KAREN, CA
[72] YAKANDAWALA, NANDADEVA, CA
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[72] KHOSROVANINEJAD, CHARAM, FR
[73] KHOSROVANINEJAD, CHARAM, FR
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[72] KLEINSCHMIT, NICHOLAS N., US
[73] HEXAGON TECHNOLOGY AS, NO
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[72] O'TOOLE, LAWRENCE, AU
[73] ONESTEEL WIRE PTY LIMITED, AU
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[54] **CLE DYNAMOMETRIQUE AVEC ELIMINATION DE « ZONE MORTE » ET SYSTEME AMELIORE DE SURVEILLANCE DE COUPLE**
[72] CASTLE, GEORGE L., US
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[54] **UTILISATION DE COMBINAISONS DE DICAMBA/STROBILURINE DESTINEES A AUGMENTER LA SANTE D'UN VEGETAL EN VUE DE RENDEMENT ACCRU**
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[54] **PROCEDE DE COMMANDE ET APPAREIL POUR UN SCHEMA DE COMBINAISON LPOS PONDERE A DOUBLE CANAL**
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[72] CHERUBINI, GIOVANNI, CH
[72] HUTCHINS, ROBERT ALLEN, US
[72] SANDBERG, MELANIE JEAN, US
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[54] **ETIQUETTE SANS REVETEMENT ET SYSTEMES**
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[72] LUX, BENJAMIN DAVID, US
[72] CHAN, RYAN LEI HIN, US
[72] ZLOTOFF, BENJAMIN DAVID, US
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[73] COMPLEAT LLC, US
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[54] **CAPSULE, SYSTEME ET PROCEDE POUR LA PREPARATION D'UNE BOISSON ET PROCEDE DE FABRICATION D'UNE TELLE CAPSULE**
[72] KAMERBEEK, RALF, NL
[72] VAN BERGEN, CORNELIS, NL
[72] POST VAN LOON, ANGENITA DOROTHEA, NL
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[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **UN APPAREIL DE SURVEILLANCE D'EEG ET METHODE DE PRESENTATION DES IMAGES SUR LEDIT APPAREIL**
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[72] WESTERMANN, SOREN ERIK, DK
[73] T&W ENGINEERING A/S, DK
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[54] **COMPOSES POREUX CONTENANT DU CARBONE EN TANT QUE TRANSPORTEURS D'EAU ET AGENTS DE CONTROLE DE DIMENSION DES ALVEOLES POUR MOUSSES POLYMERIQUES**
[72] ANNAN, NIKOI, US
[72] LOH, ROLAND, US
[72] COCHRAN, REBECCA, US
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[72] BRAMMER, THOMAS, US
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[73] C. ED. SCHULTE GESELLSCHAFT MIT BESCHRANKTER HAFTUNG ZYLINDERSCHLOSSFABRIK, DE
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[54] **DISPERSION COMPOSITIONS WITH NONIONIC SURFACTANTS FOR USE IN PETROLEUM RECOVERY**
[54] **COMPOSITIONS DE DISPERSIONS AVEC DES TENSIOACTIFS NON IONIQUES DESTINEES A ETRE UTILISEES DANS LA RECUPERATION DU PETROLE**
[72] SANDERS, AARON W., US
[72] JOHNSTON, KEITH P., US
[72] NGUYEN, QUOC, US
[72] ADKINS, STEPHANIE, US
[72] CHEN, XI, US
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[54] **CONDUITE MELANGEUSE DE LIQUIDES RENFORCEE A PRISE ET/OU SORTIE PIVOTANTES POUR DEVIDOIR**
[72] PHILLIPS, WILLIAM J., US
[72] VOGLER, MICHAEL R., US
[73] SUNCAST TECHNOLOGIES, LLC, US
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[54] **CREATION OU MODIFICATION D'IMAGES COMMANDEES PAR LES MOUVEMENTS**
[72] CHAN, WING-SHUN, HK
[73] VTECH ELECTRONICS LTD., HK
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[72] POWELL, GRAHAM, GB
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[54] **COMPOSITE POUR PANNEAU D'ISOLATION THERMIQUE**
[72] VO, VAN-CHAU, FR
[72] MAURER, MYRON, US
[72] BUNGE, FRIEDHELM, DE
[72] MERKEL, HOLGER, DE
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **SEPARATEUR DE PILES A COMBUSTIBLE**
[72] TANNO, FUMIO, JP
[73] NISSHINBO CHEMICAL INC., JP
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[54] **ORAL CARE DEVICE**
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[72] FOUGERE, RICHARD J., US
[72] FUSI, ROBERT W., II, US
[72] MCDONOUGH, JUSTIN, US
[72] OCHS, HAROLD D., US
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[72] GONZALEZ, BERNARD A., US
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[72] HOLYOKE, CALEB WILLIAM, JR., US
[72] HUGHES, KENNETH ANDREW, US
[72] LAHM, GEORGE P., US
[72] PAHUTSKI, THOMAS FRANCIS, JR., US
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[54] **PROCEDE DE REPARATION D'UNE PAROI CONSTITUEE DE PLUSIEURS COUCHES**
[72] DELERIS, MICHEL, FR
[72] CENAC, FRANCOIS, FR
[73] SOCIETE COMPOSITE EXPERTISE & SOLUTIONS (C.E.S.), FR
[73] UNIVERSITE PAUL SABATIER, FR
[73] BAYAB INDUSTRIES, FR
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[72] MCCOOEY, CONOR, AU
[72] SLABBERT, RIKUS, AU
[73] COMPUMEDICS MEDICAL INNOVATION PTY LTD, AU
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[54] **NOUVEAUX COMPOSES AZAHETEROCYCLIQUES**
[72] SUTTON, AMANDA E., US
[72] BRUGGER, NADIA, US
[72] RICHARDSON, THOMAS E., US
[72] VANDEVEER, HAROLD GEORGE, US
[72] HUCK, BAYARD R., US
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[54] **RECIPIENT DE MILIEU DE COUPLAGE ACOUSTIQUE JETABLE**
[72] JAHNKE, RUSSELL, US
[72] BERTOLINA, JAMES, US
[72] ROBERTS, WILLIAM, US
[72] CAIN, CHARLES, US
[72] TEOFILOVIC, DEJAN, US
[72] DAVISON, THOMAS W., US
[73] HISTOSONICS, INC., US
[73] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
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[54] **FEUILLE DE POLYMERISAT DE CHLORURE DE VINYLE ET SON PROCEDE DE PRODUCTION**
[72] DEIRINGER, GUENTHER, DE
[72] SCHMIDT, BERND, DE
[72] JUERGENS, SASCHA, DE
[73] KLOECKNER PENTAPLAST GMBH & CO. KG, DE
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[54] **BALLON GONFLABLE SANS LATEX DOTE D'UNE VALVE A FERMETURE AUTOMATIQUE**
[72] HALLIBURTON, JAMES, GB
[73] SEATRIEVER INTERNATIONAL HOLDINGS LIMITED, GB
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[72] VERZBERGER-EPSHTEIN, ISABELLA, CA
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[54] **CAPUCHON DISTRIBUTEUR POUR UN CONTENANT**
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[72] GASPAROTTO, MARCUS VINICIUS, BR
[73] ARCH CHEMICALS, INC., US
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[54] **DISPOSITIF DE RAPPEL DE POIGNEE POUR UNE SERRURE A BARILLET**
[72] CHEN, PO YANG, TW
[72] TUNG, KAI TING, TW
[72] HUANG, YU TING, TW
[72] SUN, CHIA MIN, TW
[72] SHYU, SONG GEN, TW
[72] KUO, CHING CHUAN, TW
[73] TUNG-LUNG HARDWARE MANUFACTURING CO LTD., TW
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[54] **SYSTEME ET PROCEDE DE REFROIDISSEMENT D'AU MOINS UN DISPOSITIF PRODUISANT DE LA CHALEUR DANS UN AVION**
[72] MUEHLTHALER, GEORG, DE
[72] ERDLE, ANJA, DE
[72] DITTMAR, JAN, DE
[72] ROERING, SEBASTIAN, DE
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[54] **TETRACYCLINE COMPOUNDS**
[54] **COMPOSES TETRACYCLINE**
[72] DENG, YONGHONG, US
[72] PLAMONDON, LOUIS, US
[72] SUN, CUIXIANG, US
[72] XIAO, XIAO-YI, US
[72] ZHOU, JINGYE, US
[72] SUTCLIFFE, JOYCE A., US
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[73] TETRAPHASE PHARMACEUTICALS, INC., US
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[54] **JAK2 INHIBITORS AND THEIR USE FOR THE TREATMENT OF MYELOPROLIFERATIVE DISEASES AND CANCER**
[54] **INHIBITEURS DE JAK2 ET LEUR UTILISATION POUR LE TRAITEMENT DE MALADIES MYELOPROLIFERATIVES ET DU CANCER**
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[72] GREBINSKI, JAMES W., US
[72] HART, AMY, US
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[72] SCHROEDER, GRETCHEN, US
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[54] **DISPOSITIF INTERNE STABILISATEUR D'ARTICULATION, SYSTEME ET PROCEDE D'UTILISATION**
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[72] NORMAN, THOMAS H., US
[72] ESPINOSA, ALEX, US
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[54] **MOUSSE POLYSTYRENE EXTRUDEE POSSEDANT UNE LARGE DISTRIBUTION DE LA TENEUR EN COMONOMERE**
[72] HOOD, LAWRENCE S., US
[72] DESHANO, BRIAN H., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **DIOXYDE DE CHLORE STABILISE UTILISE POUR CONSERVER DES CHARGES D'HYDRATE DE CARBONE**
[72] SUMNER, ERIC GUY, US
[72] OKULL, DERRICK, US
[72] SOLOMON, ETHAN BARUCH, US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **AEROGENERATEUR A ENTRAINEMENT DIRECT**
[72] BYWATERS, GARRETT, US
[72] DANFORTH, WILLIAM, US
[72] BEVINGTON, CHRISTOPHER, US
[72] STOWELL, JESSE, US
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[54] **DERIVES DE PYRIDINYLIMIDAZOLONE DESTINES A L'INHIBITION DE LA PI3 KINASE**
[72] EMDE, ULRICH, DE
[72] BUCHSTALLER, HANS-PETER, DE
[72] KLEIN, MARKUS, DE
[72] ESDAR, CHRISTINA, DE
[72] BOMKE, JOERG, DE
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[54] **SYSTEME ET PROCEDE DESTINES A GERER UNE ATTRIBUTION DE SPECTRE**
[72] STANFORTH, PETER, US
[72] CAMCHONG, MARIO A., US
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[73] QUALCOMM INCORPORATED, US
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[54] **DISPOSITIF DE DEPART POUR UN COMPETITEUR DANS UNE COMPETITION SPORTIVE**
[72] ZANETTA, ANDRE, CH
[72] GRIMM, CEDRIC, CH
[72] GALLI, RETO, CH
[73] SWISS TIMING LTD., CH
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[54] **DISPOSITIF DE PILE A COMBUSTIBLE A MEMBRANE ELECTROLYTIQUE POLYMERE**
[72] LUNDBLAD, ANDERS, SE
[72] PERSSON, LARS, SE
[72] LOEVGREN, TOMMY, SE
[72] HULTBERG, OLA, SE
[72] KARLSSON, DANIEL, SE
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[72] HAHN, MICHAEL, DE
[72] STASCH, JOHANNES-PETER, DE
[72] SCHLEMMER, KARL-HEINZ, DE
[72] WUNDER, FRANK, DE
[72] EL SHEIKH, SHERIF, DE
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[54] **DISPOSITIF D'EMBOLISATION CONSTRUIT A PARTIR D'UN POLYMERE EXPANSIBLE**
[72] KEELEY, MIKE, US
[72] CRUISE, GREGORY, US
[72] CONSTANT, MICHAEL, US
[72] WARNER, SHEILA, US
[72] WALKER, MARICELA, US
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[54] **METHOD AND APPARATUS FOR INSTALLATION AND REPAIR OF INSULATED PIPING**
[54] **PROCEDE ET APPAREIL D'INSTALLATION ET DE REPARATION DE TUYAUX DE CANALISATION ISOLES**
[72] GUNNARSSON, LARS, SE
[72] LIDSTROEM, KJELL, SE
[73] TSC INNOVATION AB, SE
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[54] **AGENTS DE SOUTENEMENT POUR TECHNIQUES DE FRACTURATION HYDRAULIQUE**
[72] SOANE, DAVID, US
[72] MAHONEY, ROBERT P., US
[72] PORTILLA, ROSA CASADO, US
[73] SELF-SUSPENDING PROPPANT LLC, US
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[54] **VIDEO DECODING APPARATUS, VIDEO CODING APPARATUS, VIDEO DECODING METHOD, VIDEO CODING METHOD, AND STORAGE MEDIUM**
[54] **APPAREIL DE DECODAGE VIDEO, APPAREIL DE CODAGE VIDEO, METHODE DE DECODAGE VIDEO, METHODE DE CODAGE VIDEO ET SUPPORT DE STOCKAGE**
[72] SHIMADA, SATOSHI, JP
[72] NAKAGAWA, AKIRA, JP
[72] KAZUI, KIMIHIKO, JP
[72] KOYAMA, JUNPEI, JP
[73] FUJITSU LIMITED, JP
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[54] **DISPOSITIF ET PROCEDE POUR SYNCHRONISER DES DONNEES SUPPLEMENTAIRES ET DES DONNEES DE BASE**
[72] HERRE, JUERGEN, DE
[72] HELLMUTH, OLIVER, DE
[72] HOELZER, ANDREAS, DE
[72] GEYERSBERGER, STEFAN, DE
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[54] **PROCEDE DE TRAITEMENT DE L'EAU DANS LA PRODUCTION D'HUILES LOURDES A L'AIDE D'UNITES D'ECHANGE THERMIQUE REVETUES**
[72] MCKEEN, LAURENCE WAINO, US
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[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[72] ZHENG, WENLI, CN
[72] CHIU, WAI KWUN ROSSA, CN
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[54] **SYSTEMES DE RECUPERATION D'ENERGIE ET PROCEDES ASSOCIES**
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[73] PARADIGM WATERWORKS, LLC, US
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[54] **PROCEDE DE POTABILISATION ET/OU D'EPURATION D'EAU COMPRENANT L'ELIMINATION D'UN COMPOSE CIBLE ET UNE FILTRATION AU SEIN D'UN TAMBOUR FILTRANT**
[72] HUMBERT, HUGUES, FR
[72] BREANT, PHILIPPE, FR
[72] GIRODET, PIERRE, FR
[73] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
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[54] **PREPARATION DE BOISSON AUTOMATISEE**
[72] DEO, INDRANI, US
[72] JERSEY, STEVEN, US
[73] PEPSICO, INC., US
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[54] **SOLUTIONS AZURANTES OPTIQUES AQUEUSES CONCENTREES STABLES AU STOCKAGE**
[72] KLEIN, CEDRIC, FR
[72] REVEAUD, FREDERIC, FR
[72] PUDDIPHATT, DAVID, GB
[72] JACKSON, ANDREW CLIVE, CH
[73] ARCHROMA IP GMBH, CH
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[54] **DISPOSITIF DE COMMANDE D'AJUSTEMENT DE LA HAUTEUR D'UN SIEGE**
[72] GILLIS, RUSSEL VINCENT, CA
[72] YU, EDILBERT DELGADO, CA
[73] EUROSPEC MANUFACTURING INC., CA
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[54] **SYSTEME DE VISUALISATION ET DE REGULATION PREDICTIVE POUR UNE MACHINE-OUTIL A COMMANDE NUMERIQUE**
[72] MORFINO, GIUSEPPE, IT
[72] FRANCESE, CARLA, IT
[72] VESCO, MARIO, IT
[72] GHEZZO, EDOARDO, IT
[73] FIDIA S.P.A., IT
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[72] OEHRN, LARS, SE
[72] BYSTROEM, INGER, SE
[72] RUNESSON, TORBJOERN, SE
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[54] **TRAITEMENT DES CENDRES VOLANTES ET FABRICATION D'ARTICLES CONTENANT DES COMPOSITIONS DE CENDRES VOLANTES**
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[73] NEWSOUTH INNOVATIONS PTY LIMITED, AU
[73] VECOR IP HOLDINGS LIMITED, CN
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[72] WRIGHT, JOHN ANDREW, US
[72] MASPUTRA, ADI, US
[72] MIREKU, KWASI G., US
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[72] HUCK, NATHAN FOSTER, US
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[54] **DISPOSITIFS D'INTRODUCTION VASCULAIRES DOTES D'UNE SECTION DILATABLE**
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[73] CIRCULITE, INC., US
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[72] KRUS, MATTHEW, US
[73] CHEF'N CORPORATION, US
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[54] **TUYAU DE FORAGE RESISTANT A L'USURE ET AU FLAMBAGE**
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[72] BRUNNERT, DAVID, US
[72] KOCHERA, JOHN W., US
[72] MITCHELL, MARK, US
[72] FRILOT, MELISSA A., US
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[54] **A TWO PART EEG MONITOR WITH DATABUS AND METHOD OF COMMUNICATING BETWEEN THE PARTS**
[54] **DISPOSITIF DE SURVEILLANCE D'EEG EN DEUX PARTIES COMPRENANT UN BUS DE DONNEES ET PROCEDE DE COMMUNICATION ENTRE LES PARTIES**
[72] KILSGAARD, SOREN, DK
[72] KIDMOSE, PREBEN, DK
[72] RANK, MIKE LIND, DK
[73] T&W ENGINEERING A/S, DK
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[54] **SYSTEME DE PILE A COMBUSTIBLE DOTE DE CIRCUITS DE REFROIDISSEMENT MULTIPLES**
[72] CHERCHI, PIERPAOLO, IT
[72] GIANOLIO, GIUSEPPE, IT
[72] PULLARA, CRISTINA, IT
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[72] SILVINI, SIMONE, IT
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[54] **CROSSLINKABLE COMPOSITION, CROSSLINKED PRODUCT AND METHOD FOR PRODUCTION THEREOF, MULTILAYERED STRUCTURE, CROSSLINKING AGENT, AND COMPOUND AND METHOD FOR PRODUCTION THEREOF**
[54] **COMPOSITION RETICULABLE, PRODUIT RETICULE ET SON PROCEDE DE PRODUCTION, STRUCTURE MULTICOUCHE, AGENT DE RETICULATION ET MELANGE ET SON PROCEDE DE PREPARATION**
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[72] KUROSAKI, KAZUHIRO, JP
[73] KURARAY CO., LTD., JP
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[54] **PROCEDE DE SYNTHESE D'UN AGENT DE REDUCTION DE L'EAU DE TYPE ACIDE POLYCARBOXYLIQUE**
[72] FANG, JIAN, CN
[73] SHANGHAI TAIJIE CHEMICAL CO., LTD., CN
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[54] **BENDING OF A SHAFT OF A STEERABLE BOREHOLE DRILLING TOOL**
[54] **FLEXION D'UN ARBRE D'UN OUTIL DE FORAGE DE PUITS ORIENTABLE**
[72] ALLEN, PETER, GB
[72] KILSHAW, NIGEL JOHN DENNIS, GB
[72] LONG, JONATHAN CHARLES, GB
[72] DAVEY, WALTER EDWARD SOMERVILLE, GB
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[54] **APPAREIL DE TRAITEMENT DE SIGNAL ET METHODE DE TRAITEMENT DE SIGNAL, CODEUR ET METHODE DE CODAGE, DECODEUR ET METHODE DE DECODAGE ET PROGRAMME**
[72] YAMAMOTO, YUKI, JP
[72] CHINEN, TORU, JP
[72] HONMA, HIROYUKI, JP
[72] MITSUFUJI, YUHKI, JP
[73] SONY CORPORATION, JP
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[54] **DISPOSITIF DE GUIDAGE DE PHOTONS POUR APPAREIL DE RADIOTHERAPIE**
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[73] SPIRAL TECHNOLOGIES INTERNATIONAL, FR
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[54] **PROCEDE ET APPAREIL POUR UTILISER DES ROBOTS POUR LAVER DES CAMIONS UTILISES DANS DES ENVIRONNEMENTS MINIERS ET DANS D'AUTRES ENVIRONNEMENTS SALES**
[72] MAGALHAES, VALMIR APARECIDO, BR
[72] LIMA, OSVALDO, BR
[72] SAITO, CARLOS TATSUO, BR
[72] KOREEDA, LUIZ MASSARU, BR
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[54] **NOUVEAU DERIVE D'ACIDE HYDROXAMIQUE**
[72] TAKASHIMA, HAJIME, JP
[72] TSURUTA, RISA, JP
[72] YABUUCHI, TETSUYA, JP
[72] OKA, YUSUKE, JP
[72] URABE, HIROKI, JP
[72] SUGA, YOICHIRO, JP
[72] TAKAHASHI, MASATO, JP
[72] UNEUCHI, FUMITO, JP
[72] KOTSUBO, HIRONORI, JP
[72] SHOJI, MUNEO, JP
[72] KAWAGUCHI, YASUKO, JP
[73] TAISHO PHARMACEUTICAL CO., LTD., JP
[73] TOYAMA CHEMICAL CO., LTD., JP
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[54] **MODELISATION D'UNE ONDE SISMIQUE DANS UN MILIEU TRANSVERSALEMENT NON ISOTROPE A AXE DE SYMETRIE INCLINE**
[72] BAKKER, PETRUS MARIA, NL
[72] DUVENECK, ERIC JENS, NL
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **SYSTEME DE GRILLE DE PLAFOND SUSPENDU**
[72] GERKES, MARTIN DANIEL, CA
[72] KOLGA, HEIKKI, CA
[72] WHITE, RONALD, CA
[73] DECOUSTICS LIMITED, CA
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[54] **LIAISON FAIBLE DE COURBURE MECANIQUE**
[72] JENKINS, PETER, NO
[72] HOLDEN, HARALD, NO
[72] YSTGAARD, OLA, NO
[73] STATOIL PETROLEUM AS, NO
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[54] **ECHANGEUR DE CHALEUR ANNULAIRE**
[72] BURGERS, JOHN G., CA
[72] MARTIN, MICHAEL A., CA
[72] GERGES, IHAB EDWARD, CA
[72] PALANCHON, HERVE, DE
[73] DANA CANADA CORPORATION, CA
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[54] **METHOD FOR FEEDING ELECTRICAL POWER INTO A THREE-PHASE AC VOLTAGE SYSTEM**
[54] **PROCEDE D'ALIMENTATION D'UN RESEAU DE TENSION ALTERNATIVE TRIPHASEE EN ENERGIE ELECTRIQUE**
[72] ADLOFF, STEPHAN, DE
[73] WOBBEN PROPERTIES GMBH, DE
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[54] **LOCKING PLIERS WITH HANDLE LOCKING MECHANISM**
[54] **PINCE BLOCABLE A MECANISME DE VERROUILLAGE AUX BRANCHES**
[72] CRIPPS, BRIAN M., US
[73] STANLEY BLACK & DECKER, INC., US
[86] (2802259)
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[54] **METHOD FOR HOT SHAPING A WORKPIECE AND AGENT FOR REDUCING THE HEAT EMISSION**
[54] **METHODE DE FACONNAGE A CHAUD D'UNE PIECE ET AGENT REDUISANT L'EMISSION DE CHALEUR**
[72] ROCKENSCHAUB, KARIN, AT
[72] MARKETZ, WILDFRIED, GB
[73] BOEHLER SCHMIEDETECHNIK GMBH & CO. KG, AT
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[72] NEATE, ANDREW SIMON, GB
[72] PRESTON, BARRY, GB
[73] CERAVISION LIMITED, GB
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[25] EN
[54] **WELLHEAD CONNECTOR AND METHOD OF USING SAME**
[54] **CONNECTEUR DE TETE DE PUITS ET SA METHODE D'UTILISATION**
[72] JOHNSON, CHRISTOPHER DALE, US
[72] WEIR, JAMES WILLIAM, US
[72] BENNETT, DEAN ALLEN, US
[73] NATIONAL OILWELL VARCO, L.P., US
[86] (2804558)
[87] (2804558)
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[54] **TEATCUP LINER SERIES WITH VARYING MOUTHPIECE FLEXIBILITY**
[54] **ENSEMBLES DE MANCHONS-TRAYEURS DOTES D'UNE FLEXIBILITE D'EMBOUT VARIABLE**
[72] CHOWDHURY, MOFAZZAL H., US
[73] CHOWDHURY, MOFAZZAL H., US
[85] 2013-01-11
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[54] **METHOD AND APPARATUS FOR HEATING A STORED LIQUID**
[54] **PROCEDE ET APPAREIL POUR CHAUFFER UN LIQUIDE STOCKE**
[72] DOBI, STEVAN, CA
[73] PITYU CONTROLS INC., CA
[86] (2806967)
[87] (2806967)
[22] 2013-02-22
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[54] **OPENING ARRANGEMENT FOR A BOX**
[54] **DISPOSITIF D'OUVERTURE POUR BOITE**
[72] HULTBERG, LENNART, SE
[72] SONESSON, LARS, SE
[73] MCNEIL AB, SE
[85] 2013-01-29
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[25] EN
[54] **INTER STAGE SEAL HOUSING HAVING A REPLACEABLE WEAR STRIP**
[54] **LOGEMENT DE GARNITURE D'ETANCHEITE INTERMEDIAIRE EQUIPE D'UNE BANDE D'USURE REMPLACABLE**
[72] SCIMECA, SANTO F., US
[72] GARNER, CHAD, US
[73] MITSUBISHI HITACHI POWER SYSTEMS AMERICAS, INC., US
[85] 2013-02-05
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[54] **DISPOSITIF TENDEUR POUR ORTHESES**
[72] STIER, GERALD, DE
[73] BAUERFEIND AG, DE
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[25] EN
[54] **SUBMERGED HOLLOW FIBER MEMBRANE MODULE HAVING PARTITION MEMBRANE WITH SLANTED OPENINGS**
[54] **MODULE A MEMBRANE EN FIBRES CREUSES SUBMERGEE COMPORTANT UNE MEMBRANE DESEPARATION DOTEE D'OUVERTURES INCLINEES**
[72] MO, CHI JOON, KR
[72] LIM, SEONG HAN, KR
[72] JEON, YOU CHUL, KR
[72] LEE, JEONG JAE, KR
[72] KIM, DONG SEONG, KR
[73] HYOSUNG CORPORATION, KR
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[54] **DETECTION DE FOND DE TROU**
[72] CLARKSON, HUGH, GB
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2809026)
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[22] 2013-03-13
[30] GB (1303614.0) 2013-02-28

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[72] ROHDEN, ROLF, DE
[73] WOBBEN PROPERTIES GMBH, DE
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[25] EN
[54] **MEDICAL ADSORBENT AND METHOD FOR PRODUCING SAME**
[54] **ADSORBANT POUR MEDICAMENT, ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] KUROKAWA, HIROYUKI, JP
[72] HIBI, KEITA, JP
[72] KOUSAKA, TSUTOMU, JP
[72] SUZUKI, KEISUKE, JP
[73] FUTAMURA KAGAKU KABUSHIKI KAISHA, JP
[85] 2013-03-13
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[54] **RACCORDS ETAGES PAR FILETAGE EN COIN ET PROCEDES APPARENTES**
[72] MALLIS, DAVID LLEWELLYN, US
[72] WARD, GARY W., US
[73] HYDRIL COMPANY, US
[85] 2013-03-13
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[25] FR
[54] **LIQUID METERING PUMP, AND DEVICE FOR DETECTING THE VARIATION IN PRESSURE FOR SUCH A PUMP**
[54] **POMPE DOSEUSE DE LIQUIDE, ET DISPOSITIF DETECTEUR DE LA VARIATION DE PRESSION POUR UNE TELLE POMPE**
[72] LUCAS, GREGORY, FR
[72] VACHER, DAVID, FR
[72] CHARRIERE, CHRISTOPHE, FR
[73] DOSATRON INTERNATIONAL, FR
[85] 2013-03-20
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[54] **PRODUCTION OF A HIGH OCTANE ALKYLATE FROM ETHYLENE AND ISOBUTANE**
[54] **PRODUCTION D'UN ALKYLATE D'INDICE D'OCTANE ELEVE A PARTIR D'ETHYLENE ET D'ISOBUTANE**
[72] MUKHERJEE, MITRAJIT, US
[72] YOUNG, JOHN, F., US
[72] NEHLSEN, JAMES, P., US
[72] SUCIU, GEORGE, D., US
[72] COLEY, KELLY, ANN, US
[73] EXELUS, INC., US
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[54] **MORPHOLINO NUCLEIC ACID DERIVATIVES**
[54] **DERIVE D'ACIDE MORPHOLINO NUCLEIQUE**
[72] UEDA, TOSHIHIRO, JP
[73] NIPPON SHINYAKU CO., LTD., JP
[85] 2013-03-28
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[25] EN
[54] **SELF-CLEANING CIGARETTE TOBACCO COMPACTING MECHANISM**
[54] **MECANISME DE COMPACTAGE DE TABAC DE CIGARETTE AUTONETTOYANT**
[72] LIN, MEI, US
[73] REPUBLIC TOBACCO L.P., US
[86] (2813447)
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[54] **PROCESS FOR PREPARING A (METH)ACRYLATE COPOLYMER CONTAINING TERTIARY AMINO GROUPS BY FREE-RADICAL POLYMERIZATION IN SOLUTION**
[54] **PROCEDE POUR LA PREPARATION D'UN COPOLYMERE DE (METH)ACRYLATE CONTENANT DES GROUPES AMINO TERTIAIRES PAR POLYMERISATION RADICALAIRE EN SOLUTION**
[72] MEIER, CHRISTIAN, DE
[72] WEBER, ANDREAS, DE
[72] VORHOLZ, JOHANNES, DE
[72] KUKSAL, ALPERTUNGA, DE
[72] KLOSENDORF, ANDREAS, DE
[72] BOHMANN, PAMELA, DE
[72] DENGER, MARCUS, DE
[72] HOFFMANN, NORBERT, DE
[72] PAPADOPOULOS, NIKOLAOS, DE
[73] EVONIK ROEHM GMBH, DE
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[25] EN
[54] **COMPOSITE MATERIAL STRUCTURE, AND AIRCRAFT WING AND FUSELAGE PROVIDED THEREWITH**
[54] **STRUCTURE EN MATERIAU COMPOSITE, ET AILE ET FUSELAGE D'AVION COMPRENANT CELLE-CI**
[72] TANAKA, YUYA, JP
[72] YOSHIDA, SHINICHI, JP
[72] TANAKA, HIDEAKI, JP
[72] SUZUKI, HIDEYUKI, JP
[72] ABE, TOSHIO, JP
[72] KASHIWAGI, MASAHIRO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **CABLE-ACTUATED VARIABLE AREA FAN NOZZLE WITH ELASTOMERIC SEALS**
[54] **BUSE DE VENTILATEUR A SURFACE VARIABLE ACTIONNEE PAR CABLE A JOINTS ELASTOMERES**
[72] JASKLOWSKI, CHRISTOPHER, US
[72] SANGWIN, MICHAEL L., US
[72] FOUTCH, DAVID WILLIAM, US
[72] ALKISLAR, MEHMET BAHADIR, US
[72] DILLIGAN, MATTHEW ANTHONY, US
[73] THE BOEING COMPANY, US
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[54] **STABLE FREE RADICAL CHROMOPHORES AND MIXTURES THEREOF, PROCESSES FOR PREPARING THE SAME, NONLINEAR OPTIC MATERIALS, AND USES THEREOF IN NONLINEAR OPTICAL APPLICATIONS**
[54] **CHROMOPHORES A RADICAL LIBRE STABLE ET LEURS MELANGES, PROCEDES DE PREPARATION ASSOCIES, MATERIAUX OPTIQUES NON LINEAIRES, ET LEURS UTILISATIONS DANS DES APPLICATIONS OPTIQUES NONLINEAIRES**
[72] GOETZ, FREDERICK J., SR., US
[72] ASHTON, ANDREW, US
[72] EATON, DAVID F., US
[72] ARDUENGO, ANTHONY J., US
[72] SIMMONS, HOWARD E., US
[72] RUNYON, JASON W., US
[72] GOETZ, FREDERICK J., JR., US
[73] LIGHTWAVE LOGIC, INC., US
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[54] **MAXIMIZED BATTERY CAPACITY CHARGE BASED ON EQUILIBRIUM CHARGING**
[54] **CHARGE DE CAPACITE DE BATTERIE MAXIMISEE FONDEE SUR UN PROCEDE DE CHARGE EN EQUILIBRE**
[72] PATINO, JOSEPH, US
[73] BLACKBERRY LIMITED, CA
[86] (2820508)
[87] (2820508)
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[54] **INTERNAL COMBUSTION ENGINE OF THE ANNULAR PISTON TYPE AND A CENTER SHAFT FOR SUCH AN ENGINE**
[54] **MOTEUR A COMBUSTION INTERNE DU TYPE A PISTON ANNULAIRE ET ARBRE CENTRAL POUR UN TEL MOTEUR**
[72] SALMINEN, REIJO, US
[73] SALMINEN, REIJO, US
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[54] **OBLIQUE GEOLOCATION AND MEASUREMENT SYSTEM**
[54] **SYSTEME DE LOCALISATION GEOGRAPHIQUE ET DE MESURE A PARTIR D'IMAGES OBLIQUES**
[72] SCHULTZ, STEPHEN, US
[72] GIUFFRIDA, FRANK, US
[72] GRAY, ROBERT, US
[72] MONDELLO, CHARLES, US
[73] PICTOMETRY INTERNATIONAL CORP., US
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[54] **METHOD AND CONVEYOR SYSTEM**
[54] **PROCEDE ET SYSTEME DE TRANSPORTEUR**
[72] BOOM, ANTHONY S., US
[73] KONE CORPORATION, FI
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[54] **CODING OF RESIDUAL DATA IN PREDICTIVE COMPRESSION**
[54] **CODAGE DE DONNEES RESIDUELLES DANS UNE COMPRESSION PREDICTIVE**
[72] HE, DAKE, CA
[72] MENG, JIN, CA
[73] BLACKBERRY LIMITED, CA
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[54] **ADSORPTION/SEPARATION MEMBRANE MODULE, METHOD FOR PRODUCING ADSORPTION/SEPARATION MEMBRANE MODULE, AND PARTITION MEMBER**
[54] **MODULE DE MEMBRANE D'ADSORPTION/DE SEPARATION, SON PROCEDE DE PRODUCTION, ET ELEMENT DE PARTITION**
[72] SHINOHARA, NAOYUKI, JP
[72] SATO, YUTA, JP
[73] ASAHI KASEI CHEMICALS CORPORATION, JP
[85] 2013-06-26
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[54] **CAPSULE AND METHOD FOR THE PREPARATION OF A BEVERAGE BY CENTRIFUGATION**
[54] **CAPSULE ET PROCEDE PERMETTANT LA PREPARATION D'UNE BOISSON PAR CENTRIFUGATION**
[72] ABEGGLEN, DANIEL, CH
[72] TINEMBART, JEAN-FRANCOIS, CH
[72] PERENTES, ALEXANDRE, CH
[72] GERBAULET, ARNAUD, FR
[73] NESTEC S.A., CH
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[25] EN
[54] **IMPACT ATTENUATING BLADDER WITH FLUID RELEASE CONTROL VALVE FOR A HELMET LINER**
[54] **SAC GONFLABLE D'ATTENUATION D'IMPACT A SOUPAPE DE COMMANDE DE LIBERATION DE FLUIDE POUR UNE GARNITURE INTERIEURE DE CASQUE**
[72] ARCHBOLD, JEFF, CA
[73] AIRIUM PERFORMANCE INC., CA
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[54] **TEMPORARY EMBOLIC PROTECTION DEVICE AND MEDICAL PROCEDURE FOR DELIVERY THEREOF**
[54] **DISPOSITIF DE PROTECTION EMBOLIQUE TEMPORAIRE ET PROCEDURE MEDICALE POUR LE PLACEMENT DE CELUI-CI**
[72] JONSSON, ANDERS, SE
[73] SWAT MEDICAL AB, SE
[85] 2012-02-29
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[72] KNOTT, ROY WILLIAM, GB
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[54] **MAMELON A ORIFICES DE VENTILATION ET DEBITS MULTIPLES**
[72] RICHARD, MAXIME R., US
[73] DART INDUSTRIES INC., US
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[25] EN
[54] **HEAT PUMP SYSTEM AND AIR-CONDITIONER**
[54] **SYSTEME DE POMPE A CHALEUR ET CLIMATISEUR**
[72] HU, YINGNING, CN
[72] LI, BIAO, CN
[72] LIN, JUN, CN
[72] WANG, CHENGYONG, CN
[73] GUANGXI JUNFUHUANG GROUND SOURCE HEAT PUMP CO., LTD, CN
[73] GUANGXI UNIVERSITY, CN
[86] (2829412)
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[25] EN
[54] **CLEANING COMPOSITION CONTAINING POLYMER MICROEMULSION**
[54] **COMPOSITION DE NETTOYAGE CONTENANT UNE MICROEMULSION DE POLYMERES**
[72] BRITTON, CLAUDIA E., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2013-09-09
[86] 2012-03-07 (PCT/US2012/027948)
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[30] US (61/449,801) 2011-03-07
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[51] **Int.Cl. H04B 10/07 (2013.01) H04B 10/27 (2013.01) H04B 10/85 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTING OPTICAL NETWORK UNIT, AND PASSIVE OPTICAL NETWORK SYSTEM**
[54] **PROCEDE ET DISPOSITIF DE DETECTION D'UNITE DE RESEAU OPTIQUE ET SYSTEME DE RESEAU OPTIQUE PASSIF**
[72] WAN, MIN, CN
[72] ZENG, XIAOFEI, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2013-09-25
[86] 2012-03-29 (PCT/CN2012/073243)
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[25] EN
[54] **FLEXIBLE MICROWAVE CATHETERS FOR NATURAL OR ARTIFICIAL LUMENS**
[54] **CATHETERS FLEXIBLES A MICRO-ONDES POUR DES LUMIERES NATURELLES OU ARTIFICIELLES**
[72] BRANNAN, JOSEPH D., US
[73] COVIDIEN LP, US
[85] 2013-10-07
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[30] US (61/473,564) 2011-04-08

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[25] EN
[54] **BOWL WITH LID**
[54] **BOL AVEC COUVERCLE**
[72] DEL SOLAR, MARIA ALEXANDRA, US
[72] MAGUIRE, PAUL, US
[72] BRYAN, AU KIN FO, CN
[73] EDGEWELL PERSONAL CARE CANADA, ULC, CA
[85] 2013-10-15
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[54] **METHOD FOR PRODUCING PATCH, AND PATCH**
[54] **PROCEDE DE FABRICATION D'UNE PIECE ADHESIVE ET PIECE ADHESIVE**
[72] HASHIMOTO, EIJI, JP
[72] HAGIWARA, ISAO, JP
[72] NAKA, YUKIHISA, JP
[72] CHONO, HIDEHARU, JP
[73] HISAMITSU PHARMACEUTICAL CO., INC., JP
[85] 2013-10-17
[86] 2012-04-12 (PCT/JP2012/059982)
[87] (WO2012/144405)
[30] JP (2011-092477) 2011-04-18
[30] JP (2011-243189) 2011-11-07

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[51] **Int.Cl. H04W 4/12 (2009.01) H04W 88/18 (2009.01)**
[25] EN
[54] **SMS-BASED TRANSPORT FOR INSTANT CHATTING ON MULTIPLE PLATFORMS**
[54] **TRANSPORT A BASE DE SMS POUR LA DISCUSSION EN LIGNE SUR DES PLATEFORMES MULTIPLES**
[72] ZHU, ZHONGWEN, CA
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2013-10-31
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[30] US (13/099,163) 2011-05-02

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[25] EN
[54] **PRESSURE CANISTERS FOR AUTOMATED DELIVERY OF COATING COMPOSITIONS**
[54] **BOITES SOUS PRESSION POUR UNE DISTRIBUTION AUTOMATIQUE DE COMPOSITIONS DE REVETEMENT**
[72] ROBERTSON, WALTER JAMES, US
[72] CAMPBELL, MELANIE SUE, US
[72] OSTER, JOHN RITNELL, JR., US
[72] SZUL, JOSEPH S., JR., US
[72] FOUKES, RICHARD, US
[73] PPG INDUSTRIES OHIO, INC., US
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[51] **Int.Cl. H04N 7/24 (2011.01)**
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[54] **DEVICES AND METHODS FOR TRANSMITTING AND RECEIVING AN ULTRA HIGH DEFINITION VIDEO STREAM**
[54] **DISPOSITIFS ET METHODES DE TRANSMISSION ET RECEPTION D'UN FLUX VIDEO ULTRA HAUTE DEFINITION**
[72] CHOE, JEEHYUN, KR
[72] SUH, JONGYEUL, KR
[72] KIM, JINPIL, KR
[72] MOON, KYOUNGSOO, KR
[72] HONG, HOTAEK, KR
[72] LEE, JOONHUI, KR
[73] LG ELECTRONICS INC., KR
[85] 2013-11-08
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[51] **Int.Cl. A61M 5/24 (2006.01) A61M 5/32 (2006.01)**
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[54] **INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION**
[72] REYNOLDS, DAVID L., CA
[72] MACDONALD, DANIEL, CA
[72] TREMBLAY, YAN, CA
[72] TREPANIER, JULIE, CA
[73] DUOJECT MEDICAL SYSTEMS INC., CA
[85] 2013-11-15
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[30] CA (2,742,555) 2011-06-10

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[51] **Int.Cl. B26B 21/48 (2006.01) B26B 21/22 (2006.01)**
[25] EN
[54] **RAZOR WITH BLADE HEATING SYSTEM**
[54] **RASOIR DOTE D'UN SYSTEME DE CHAUFFAGE DE LAMES**
[72] BOHMER, WILLIAM, US
[72] TOMASSETTI, LOUIS D., US
[73] L.P.I CONSUMER PRODUCTS, INC., US
[73] DISPLAY MATRIX CORPORATION, US
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[51] **Int.Cl. C25B 3/00 (2006.01) C25B 3/06 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL HYDROXIDE SYSTEMS AND METHODS USING METAL OXIDATION**
[54] **SYSTEMES ET PROCEDES ELECTROCHIMIQUES A HYDROXYDE UTILISANT UNE OXYDATION DE METAL**
[72] ALBRECHT, THOMAS A., US
[72] GILLIAM, RYAN J., US
[72] BOGGS, BRYAN, US
[72] SELF, KYLE, US
[72] SOLAS, DENNIS W., US
[72] KOSTOWSKYJ, MICHAEL, US
[72] LECLERC, MARGARETE K., US
[72] GORER, ALEXANDER, US
[72] WEISS, MICHAEL, US
[73] CALERA CORPORATION, US
[85] 2013-11-18
[86] 2012-05-17 (PCT/US2012/038438)
[87] (WO2012/158969)
[30] US (61/488,079) 2011-05-19
[30] US (61/499,499) 2011-06-21
[30] US (61/515,474) 2011-08-05
[30] US (61/546,461) 2011-10-12
[30] US (61/552,701) 2011-10-28
[30] US (61/597,404) 2012-02-10
[30] US (61/617,390) 2012-03-29

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[51] **Int.Cl. H04L 12/26 (2006.01) G06F 17/00 (2006.01) G06F 17/30 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **APPLICATION IDENTIFICATION METHOD, AND DATA MINING METHOD, APPARATUS, AND SYSTEM**
[54] **PROCEDE D'IDENTIFICATION D'APPLICATION ET PROCEDE, APPAREIL ET SYSTEME D'EXTRACTION DE DONNEES**
[72] ZHOU, WEI, CN
[72] TANG, DONG, CN
[72] ZHANG, HONGDING, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2013-12-13
[86] 2013-07-29 (PCT/CN2013/080312)
[87] (WO2014/101402)
[30] CN (201210592203.5) 2012-12-31

[11] **2,838,901**
[13] C
[51] **Int.Cl. C22B 3/42 (2006.01) C22B 3/24 (2006.01) C22B 11/00 (2006.01) C22B 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR RECOVERING PRECIOUS METALS AND COPPER FROM LEACH SOLUTIONS**
[54] **PROCEDE DE RECUPERATION DE METAUX PRECIEUX ET DE CUIVRE A PARTIR DE SOLUTIONS DE LIXIVIATION**
[72] CHOI, YEONUK, CA
[72] WANG, QIANKUN, CA
[72] LANGHANS, JOHN WILLIAM, US
[73] BARRICK GOLD CORPORATION, CA
[85] 2013-12-09
[86] 2012-06-15 (PCT/US2012/042615)
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[30] US (61/497,415) 2011-06-15
[30] US (61/508,472) 2011-07-15

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[51] **Int.Cl. F15D 1/02 (2006.01) G01F 15/00 (2006.01)**
[25] EN
[54] **EXTENDED LENGTH FLOW CONDITIONER**
[54] **CONDITIONNEUR DE FLUX A LONGUEUR ETENDUE**
[72] SAWCHUK, DANIEL A., CA
[72] SELIRIO, REGINALD, CA
[73] CANADA PIPELINE ACCESSORIES, CO. LTD., CA
[86] (2839226)
[87] (2839226)
[22] 2014-01-16
[30] US (61/753,512) 2013-01-17
[30] US (14/152,459) 2014-01-10

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[51] **Int.Cl. H04N 21/2381 (2011.01)**
[25] EN
[54] **MEDIA CONTENT TRANSCEIVING METHOD AND TRANSCEIVING APPARATUS USING SAME**
[54] **PROCEDE DE TRANSMISSION ET DE RECEPTION DE CONTENU MULTIMEDIA ET APPAREIL DE TRANSMISSION ET DE RECEPTION UTILISANT CE PROCEDE**
[72] KIM, KYUNGHO, KR
[72] KIM, JINPIL, KR
[72] LEE, HYEONJAE, KR
[73] LG ELECTRONICS INC., KR
[85] 2013-12-16
[86] 2012-06-20 (PCT/KR2012/004867)
[87] (WO2012/177041)
[30] US (61/498,627) 2011-06-20
[30] US (61/499,651) 2011-06-21

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[13] C
[51] **Int.Cl. A47J 19/02 (2006.01) A47J 17/02 (2006.01) A47J 43/25 (2006.01)**
[25] EN
[54] **COMBINED CITRUS PRESS AND ZESTER**
[54] **PRESSE-AGRUME ET ZESTEUR COMBINES**
[72] JALET, VINCENT, BE
[73] DART INDUSTRIES INC., US
[86] (2839852)
[87] (2839852)
[22] 2014-01-20
[30] US (13/768,025) 2013-02-15

[11] **2,840,236**
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[51] **Int.Cl. B60W 30/00 (2006.01) B60C 23/20 (2006.01) B60W 50/00 (2006.01)**
[25] EN
[54] **WHEEL END CONDITION DETECTION**
[54] **DETECTION DE L'ETAT FINAL D'UNE ROUE**
[72] COUCH, BRYAN, CA
[72] OLSON, DANIEL, EDWARD, CA
[73] MOTOR COACH INDUSTRIES LIMITED, CA
[85] 2013-12-17
[86] 2012-08-03 (PCT/IB2012/001985)
[87] (WO2013/017955)
[30] US (61/515,148) 2011-08-04
[30] US (13/561,749) 2012-07-30

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[51] **Int.Cl. C07C 7/04 (2006.01) C07C 7/11 (2006.01)**
[25] EN
[54] **PROCESS FOR SEPARATING BY ABSORPTION THE PYROLYSIS GAS FROM PREPARATION OF LOWER CARBON OLEFINS**
[54] **PROCEDE D'ABSORPTION ET DE SEPARATION D'UN GAZ DE CRAQUAGE ISSU D'UN PROCEDE DE PREPARATION D'OLEFINES A FAIBLE TENEUR EN CARBONE**
[72] FAN, FENGTANG, CN
[72] WEI, XIAOBO, CN
[72] CHENG, LONGWU, CN
[72] WU, YINGXIN, CN
[72] HUANG, XIANGQIAN, CN
[73] FUDE (BEIJING) CHEMICAL & INDUSTRY CO., LTD, CN
[73] DAQING PETROCHEMICAL ENGINEERING CO., LTD, CN
[85] 2013-12-23
[86] 2012-05-31 (PCT/CN2012/076312)
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[51] **Int.Cl. A61F 7/12 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS AND METHODS FOR RAPID ENDOVASCULAR COOLING**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE REFROIDISSEMENT ENDOVASCULAIRE RAPIDE**
[72] BRIAN, BEN F., III, US
[72] WILSON, SCOTT D., US
[73] ZOLL CIRCULATION, INC., US
[86] (2840826)
[87] (2840826)
[22] 2006-06-29
[62] 2,613,671
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[25] EN
[54] **EGFR TARGETED THERAPY**
[54] **TRAITEMENT AYANT POUR CIBLE EGFR**
[72] KERSTEN, CHRISTIAN, NO
[72] CAMERON, MARTE GRONLIE, NO
[72] MJALAND, SVEIN, NO
[73] SYKEHUSET SORLANDET HF, NO
[85] 2013-12-31
[86] 2012-07-05 (PCT/IB2012/001619)
[87] (WO2013/005108)
[30] US (61/504,737) 2011-07-06

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[51] **Int.Cl. A61C 1/14 (2006.01) A61C 3/02 (2006.01)**
[25] EN
[54] **POSITIVE DRIVE CHUCK AND BUR ARRANGEMENT FOR A DENTAL HANDPIECE**
[54] **AGENCEMENT MANDRIN ET FRAISE A ENTRAINEMENT POSITIF POUR INSTRUMENT DENTAIRE A MAIN**
[72] NOVAK, EUGENE J., US
[73] DENTSPLY INTERNATIONAL, INC., US
[85] 2014-01-28
[86] 2012-07-05 (PCT/US2012/045525)
[87] (WO2013/019359)
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[51] **Int.Cl. H01M 8/0662 (2016.01) C25B 1/02 (2006.01) C25B 9/00 (2006.01) C25B 15/00 (2006.01)**
[25] EN
[54] **REDOX DEVICE**
[54] **DISPOSITIF D'OXYDO-REDUCTION**
[72] JEHLE, WALTER, DE
[72] LUCAS, JOACHIM, DE
[72] MARKGRAF, SEBASTIAN, DE
[73] AIRBUS DS GMBH, DE
[86] (2843655)
[87] (2843655)
[22] 2014-02-20
[30] EP (13156984.0) 2013-02-27

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[51] **Int.Cl. H01M 8/0662 (2016.01) C25B 1/02 (2006.01) C25B 9/00 (2006.01) C25B 15/00 (2006.01)**
[25] EN
[54] **REDOX DEVICE**
[54] **DISPOSITIF D'OXYDO-REDUCTION**
[72] JEHLE, WALTER, DE
[72] MARKGRAF, SEBASTIAN, DE
[72] RAATSCHEN, WILLIGERT, DE
[72] LUCAS, JOACHIM, DE
[73] AIRBUS DS GMBH, DE
[86] (2843671)
[87] (2843671)
[22] 2014-02-20
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[11] **2,844,361**
[13] C
[51] **Int.Cl. H04N 7/24 (2011.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR TRANSMITTING AND RECEIVING A UHD VIDEO STREAM WHICH IS DOWNSAMPLED INTO HD VIDEO AND RESIDUAL SUB-STREAMS**
[54] **APPAREIL ET METHODE DE TRANSMISSION ET DE RECEPTION D'UN FLUX VIDEO UHD SOUS-ECHANTILLONNE EN VIDEO HD ET SOUS-FLUX RESIDUELS**
[72] SUH, JONGYEUL, KR
[72] KWAK, KOOKYEON, KR
[72] KIM, JINPIL, KR
[72] CHOE, JEEHYUN, KR
[72] HONG, HOTAEK, KR
[73] LG ELECTRONICS INC., KR
[85] 2014-01-22
[86] 2012-07-24 (PCT/KR2012/005887)
[87] (WO2013/015596)
[30] US (61/511,559) 2011-07-26

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[51] **Int.Cl. G06Q 10/00 (2012.01) G06F 3/0481 (2013.01) G05B 15/02 (2006.01) G06F 3/14 (2006.01)**
[25] EN
[54] **HIERARCHICAL NAVIGATION WITH RELATED OBJECTS**
[54] **NAVIGATION HIERARCHIQUE AVEC DES OBJETS CONNEXES**
[72] HERSCHE, ANDREAS, US
[72] HAN, JAMES K., US
[73] SIEMENS INDUSTRY, INC, US
[86] (2844845)
[87] (2844845)
[22] 2014-03-05
[30] US (13/788,384) 2013-03-07

[11] **2,844,940**
[13] C
[51] **Int.Cl. G08C 17/02 (2006.01) E05F 15/70 (2015.01)**
[25] EN
[54] **FACTORY PROGRAMMING OF PAIRED AUTHORIZATION CODES IN WIRELESS TRANSMITTER AND DOOR OPERATOR**
[54] **PROGRAMMATION EN USINE DE CODES D'AUTORISATION COUPLES DANS UN EMETTEUR-RECEPTEUR ET UN OUVRE-PORTE SANS FIL**
[72] WILDER, STEVEN E., US
[72] DENEEN, TOM, US
[72] IKELER, TIM, US
[73] OVERHEAD DOOR CORPORATION, US
[86] (2844940)
[87] (2844940)
[22] 2014-03-06
[30] US (61/798,989) 2013-03-15
[30] US (13/944,706) 2013-07-17

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[51] **Int.Cl. H04L 12/16 (2006.01) H04W 4/00 (2009.01) G06Q 30/02 (2012.01) G06F 3/14 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND DEVICE FOR ORGANIZING AND PRESENTING DIGITAL FLYERS**
[54] **SYSTEME, PROCEDE ET DISPOSITIF POUR ORGANISER ET PRESENTER DES CIRCULAIRES NUMERIQUES**
[72] CHEUNG, MATTHEW, CA
[72] FRANCIS, JEFF, CA
[72] TAN, WEHUNS, CA
[72] MEYERS, DAVID, CA
[72] AU-YEUNG, DAVID, CA
[73] FLIPP CORPORATION, CA
[85] 2014-02-13
[86] 2012-08-16 (PCT/CA2012/000768)
[87] (WO2013/026134)
[30] US (13/213,298) 2011-08-19

[11] **2,846,118**
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[51] **Int.Cl. A43B 7/12 (2006.01) B29D 35/12 (2010.01) A43B 9/00 (2006.01) A43B 13/38 (2006.01)**
[25] EN
[54] **DIRECT ATTACH WATERPROOF FOOTWEAR**
[54] **CHAUSSURES IMPERMEABLES A ATTACHE DIRECTE**
[72] WIENER, ROBERT J., US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2014-02-20
[86] 2012-08-28 (PCT/US2012/052596)
[87] (WO2013/033055)
[30] US (13/224,811) 2011-09-02

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[25] EN
[54] **MANGANESE BASED COMPOUNDS FOR ELASTOGENESIS AND CONNECTIVE TISSUE TREATMENT**
[54] **COMPOSES A BASE DE MANGANESE DESTINES A L'ELASTOGENESE ET AU TRAITEMENT DE TISSU CONNECTIF**
[72] MITTS, THOMAS, US
[72] HINEK, ALEKSANDER, CA
[72] BUNDA, SEVERA, CA
[72] JIMENEZ, FELIPE, US
[73] THE HOSPITAL FOR SICK CHILDREN, CA
[73] HUMAN MATRIX SCIENCES, LLC, US
[86] (2846382)
[87] (2846382)
[22] 2005-02-22
[62] 2,562,871
[30] US (60/546,682) 2004-02-20
[30] US (60/622,104) 2004-10-26

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[51] **Int.Cl. C08B 37/16 (2006.01) A61K 47/61 (2017.01) A61K 47/69 (2017.01) A61K 8/60 (2006.01) A61K 31/724 (2006.01) A61K 36/185 (2006.01) A61K 47/40 (2006.01) A61Q 19/08 (2006.01) C07H 3/06 (2006.01) C07H 11/00 (2006.01) C07H 11/04 (2006.01) C07H 15/10 (2006.01) C07H 15/18 (2006.01) C08L 5/16 (2006.01)**
[25] EN
[54] **RETINAL CYCLODEXTRIN ACETALS AND HEMIACETALS FOR CLARIFYING SKIN COMPLEXION**
[54] **ACETALS ET HEMIACETALS DE CYCLODEXTRINE RETINIENNE PERMETTANT DE CLARIFIER LE TEINT**
[72] PETER, DAVID WAYNE, US
[72] STANEK, JOHN DILLON, US
[72] OROZCO, CHERIA L., US
[72] GUPTA, SHYAM K., US
[73] ISLAND KINETICS INC., US
[85] 2014-02-26
[86] 2012-03-06 (PCT/US2012/027826)
[87] (WO2013/036286)
[30] US (13/226,661) 2011-09-07

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[51] **Int.Cl. B23K 37/053 (2006.01) B23K 9/028 (2006.01) B23K 9/16 (2006.01) B23K 9/32 (2006.01)**
[25] EN
[54] **FORMING BODY FOR SEALING AN OBJECT TO BE WELDED, MORE PARTICULARLY A PIPE, HAVING A WATER SOLUBILITY GREATER THAN OR EQUAL TO 90%**
[54] **CORPS POUVANT PRENDRE UNE FORME, DESTINE A FAIRE L'ETANCHEITE D'UN OBJET A SOUDER, NOTAMMENT D'UN TUBE, ET PRESENTANT UNE SOLUBILITE DANS L'EAU SUPERIEURE OU EGALE A 90 %**
[72] BUSCHMANN, MICHAEL, DE
[73] MITSUBISHI HITACHI POWER SYSTEMS EUROPE GMBH, DE
[85] 2014-02-28
[86] 2012-08-31 (PCT/EP2012/067015)
[87] (WO2013/030364)
[30] DE (10 2011 053 171.8) 2011-08-31

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[51] **Int.Cl. H04N 19/52 (2014.01) H04N 19/126 (2014.01) H04N 19/174 (2014.01) H04N 19/18 (2014.01) H04N 19/463 (2014.01)**
[25] EN
[54] **ENCODING DEVICE, DECODING DEVICE, ENCODING METHOD, AND DECODING METHOD**
[54] **DISPOSITIF DE CODAGE, DISPOSITIF DE DECODAGE, METHODE DE CODAGE ET METHODE DE DECODAGE**
[72] TANIZAWA, AKIYUKI, JP
[72] CHUJOH, TAKESHI, JP
[72] SHIODERA, TAICHIRO, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[85] 2014-02-28
[86] 2011-10-17 (PCT/JP2011/073851)
[87] (WO2013/057782)

[11] **2,847,863**
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[51] **Int.Cl. G06T 17/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MODELING VIRTUAL CONTAMINANTS**
[54] **SYSTEME ET METHODE DE MODELISATION DE CONTAMINANTS VIRTUELS**
[72] PICHE, PATRICK, CA
[72] ANGHEL, BOGDAN, CA
[72] CHRISTIN, OLIVIER, CA
[72] SAMUS, SERGIY, CA
[72] RICCI, ROBERT, CA
[72] GOSSELIN, DANIEL, CA
[73] CAE INC., CA
[86] (2847863)
[87] (2847863)
[22] 2014-03-28
[30] US (14/228,523) 2014-03-28

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[13] C
[51] **Int.Cl. E21B 34/10 (2006.01) E21B 33/12 (2006.01) E21B 43/12 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR GALVANICALLY REMOVING FROM OR DEPOSITING ONTO A DEVICE A METALLIC MATERIAL DOWNHOLE**
[54] **APPAREIL ET PROCEDE POUR RETRAIT GALVANIQUE A PARTIR D'UN DISPOSITIF OU DEPOT SUR CELUI-CI D'UN MATERIAU METALLIQUE EN FOND DE TROU**
[72] GAUDETTE, SEAN L., US
[72] JOHNSON, MICHAEL H., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2014-03-11
[86] 2012-09-28 (PCT/US2012/057793)
[87] (WO2013/049487)
[30] US (13/249,912) 2011-09-30

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[13] C
[51] **Int.Cl. G01R 31/00 (2006.01) F04B 51/00 (2006.01) F04D 15/00 (2006.01) G01R 31/02 (2006.01) G01R 31/34 (2006.01)**
[25] EN
[54] **ELECTRIC FUEL PUMP TESTER AND METHOD**
[54] **TESTEUR DE POMPE A CARBURANT ELECTRIQUE ET PROCEDE**
[72] MCGAUGHEY, ROBERT J., US
[73] CARTER FUEL SYSTEMS, LLC, US
[85] 2014-03-19
[86] 2012-08-16 (PCT/US2012/051019)
[87] (WO2013/028440)
[30] US (13/213,587) 2011-08-19

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[13] C
[51] **Int.Cl. F03B 3/12 (2006.01) F03B 3/02 (2006.01)**
[25] EN
[54] **COMPACT BLADE FOR RUNNER OF FRANCIS TURBINE AND METHOD FOR CONFIGURING RUNNER**
[54] **AUBE COMPACTE POUR ROUE DE TURBINE FRANCIS ET PROCEDE POUR LA CONFIGURATION DE ROUE**
[72] MARIER, SYLVAIN, CA
[72] THEROUX, ERIC, CA
[73] ANDRITZ HYDRO LTD., CA
[85] 2014-04-08
[86] 2012-10-23 (PCT/CA2012/050755)
[87] (WO2013/059935)
[30] US (61/550,432) 2011-10-23

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[13] C
[51] **Int.Cl. H01R 4/20 (2006.01) H01R 4/18 (2006.01)**
[25] EN
[54] **WIRE COMPRESSION CONNECTOR**
[54] **RACCORD DE COMPRESSION DE CABLE**
[72] DINH, CONG THANH, US
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
[86] (2851846)
[87] (2851846)
[22] 2014-05-13
[30] US (14/212,626) 2014-03-14
[30] US (14/271,919) 2014-05-07

[11] **2,852,548**
[13] C
[51] **Int.Cl. H01R 13/652 (2006.01)**
[25] EN
[54] **AUTOMATED GROUNDING DEVICE WITH VISUAL INDICATION**
[54] **DISPOSITIF DE MISE A LA TERRE AUTOMATIQUE AVEC INDICATION VISUELLE**
[72] SIEBENS, LARRY N., US
[73] THOMAS & BETTS INTERNATIONAL LLC, US
[86] (2852548)
[87] (2852548)
[22] 2014-05-16
[30] US (61/827,381) 2013-05-24
[30] US (14/242,978) 2014-04-02

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[13] C
[51] **Int.Cl. H04W 76/00 (2009.01) H04M 1/738 (2006.01) H04Q 3/00 (2006.01)**
[25] EN
[54] **MULTIPLE CALL SESSION SYSTEM AND METHOD FOR A MOBILE PHONE**
[54] **SYSTEME ET PROCEDE DE SESSIONS D'APPEL MULTIPLES POUR TELEPHONE MOBILE**
[72] SANSALONE, GIUSEPPE
NICODEMO, CA
[73] PROJECTONE SOLUTIONS, INC., CA
[85] 2014-04-25
[86] 2011-10-24 (PCT/CA2011/001183)
[87] (WO2012/055017)
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[13] C
[51] **Int.Cl. E21B 49/00 (2006.01) E21B 47/008 (2012.01) E21B 47/08 (2012.01)**
[25] EN
[54] **REAL TIME DOWNHOLE SENSOR DATA FOR CONTROLLING SURFACE STIMULATION EQUIPMENT**
[54] **DONNEES DE CAPTEUR DE FOND DE PUITS EN TEMPS REEL MISES EN □UVRE POUR COMMANDER UN EQUIPEMENT DE STIMULATION EN SURFACE**
[72] COLLINS, BRETT R., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2014-04-30
[86] 2012-10-04 (PCT/US2012/058758)
[87] (WO2013/070345)
[30] US (13/293,295) 2011-11-10

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[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **ADVERTISEMENTS WITH MULTIPLE TARGETING CRITERIA BIDS**
[54] **PUBLICITES AVEC OFFRES A CRITERES DE CIBLAGE MULTIPLES**
[72] YAN, RONG, US
[72] LI, HUAJING, US
[73] FACEBOOK, INC., US
[85] 2014-05-09
[86] 2012-11-07 (PCT/US2012/063941)
[87] (WO2013/081786)
[30] US (13/306,626) 2011-11-29

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[13] C
[51] **Int.Cl. E21B 34/08 (2006.01) E21B 43/20 (2006.01) E21B 44/06 (2006.01)**
[25] EN
[54] **DOWNHOLE FLUID FLOW CONTROL SYSTEM HAVING PRESSURE SENSITIVE AUTONOMOUS OPERATION**
[54] **SYSTEME DE COMMANDE D'ECOULEMENT DE FLUIDE DE FOND DE TROU AYANT UN FONCTIONNEMENT AUTONOME SENSIBLE A LA PRESSION**
[72] FRIPP, MICHAEL LINLEY, US
[72] GANO, JOHN CHARLES, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-05-23
[86] 2012-03-02 (PCT/US2012/027463)
[87] (WO2013/130096)

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[25] EN
[54] **PERSONAL AUGMENTED REALITY**
[54] **REALITE AUGMENTEE PERSONNELLE**
[72] ZISES, MATTHEW SCOTT, US
[73] EBAY INC., US
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[87] (WO2013/101903)
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[54] **AEROSOL CONTAINER**
[54] **CONTENANT AEROSOL**
[72] SELING, KERSTIN, DE
[72] FRANZ, WALTER, DE
[73] THOMAS GMBH, DE
[86] (2857865)
[87] (2857865)
[22] 2014-07-29
[30] DE (10 2013 108 195.9) 2013-07-31

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[25] EN
[54] **OLEAGINOUS PHARMACEUTICAL AND COSMETIC FOAM**
[54] **MOUSSE PHARMACEUTIQUE ET COSMETIQUE OLEAGINEUSE**
[72] TAMARKIN, DOV, IL
[72] FRIEDMAN, DORON, IL
[72] EINI, MEIR, IL
[72] BESONOV, ALEX, IL
[73] FOAMIX PHARMACEUTICALS, LTD., IL
[86] (2857889)
[87] (2857889)
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[51] **Int.Cl. G01S 5/16 (2006.01) E21C 35/00 (2006.01) G01S 17/48 (2006.01) G03B 17/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MOTION CAPTURE IN AN UNDERGROUND ENVIRONMENT**
[54] **SYSTEMES ET PROCEDES DE CAPTURE DE MOUVEMENT DANS UN ENVIRONNEMENT SOUTERRAIN**
[72] STEELE, RODERICK MARK, CA
[72] STEELE, DUNCAN PAUL, CA
[72] STEELE, CHRISTOPHER KEITH, GB
[73] TESMAN INC., CA
[85] 2014-06-03
[86] 2011-09-30 (PCT/CA2011/001105)
[87] (WO2013/044345)

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[25] EN
[54] **FRICTION STIR WELD PLUGS AND METHODS OF USING THEREOF**
[54] **BOUCHONS DE SOUDAGE PAR FRICTION-MALAXAGE ET LEURS PROCEDES D'UTILISATION**
[72] MATLACK, MIKE P., US
[72] HELVEY, AMY M., US
[72] CARD, RANDY A., US
[73] THE BOEING COMPANY, US
[86] (2858645)
[87] (2858645)
[22] 2014-08-07
[30] US (14/043596) 2013-10-01

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[51] **Int.Cl. F21V 17/16 (2006.01) F21V 21/02 (2006.01) F21V 21/04 (2006.01)**
[25] EN
[54] **LAMP INSTALLATION DEVICE**
[54] **DISPOSITIF D'INSTALLATION DE LAMPE**
[72] LIU, ZHIYONG, CN
[72] YAN, PING, CN
[73] SHENZHEN JIAWEI PHOTOVOLTAIC LIGHTING CO., LTD., CN
[86] (2858903)
[87] (2858903)
[22] 2014-08-06
[30] CN (201320483462.4) 2013-08-08

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[51] **Int.Cl. G06F 17/30 (2006.01) G06F 17/20 (2006.01)**
[25] EN
[54] **METHODS OF MICRO-SPECIALIZATION IN DATABASE MANAGEMENT SYSTEMS**
[54] **PROCEDES DE MICRO-SPECIALISATION DANS DES SYSTEMES DE GESTION DE BASE DE DONNEES**
[72] DEBRAY, SAUMYA K., US
[72] SNODGRASS, RICHARD T., US
[72] ZHANG, RUI, US
[73] THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
[85] 2014-06-20
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[54] **AIR GUIDING ELEMENT**
[54] **ELEMENT DE GUIDAGE D'AIR**
[72] ALGUERA GALLEGO, JOSE MANUEL, DE
[72] RICHTER, MARTIN, DE
[73] JOST-WERKE GMBH, DE
[85] 2014-07-14
[86] 2013-01-07 (PCT/EP2013/050154)
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[30] DE (10 2012 201 219.2) 2012-01-27

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[51] **Int.Cl. B23K 9/18 (2006.01) B23K 9/173 (2006.01) B23K 35/38 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SUBMERGED ARC WELDING**
[54] **SYSTEMES ET PROCEDES DE SOUDAGE A L'ARC SOUS FLUX EN POUDRE**
[72] FISHER, KENNETH ALLEN, US
[72] AMATA, MARIO, US
[72] BARHORST, STEVEN, US
[72] BUNDY, JOSEPH, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-07-24
[86] 2013-03-25 (PCT/US2013/033681)
[87] (WO2013/148561)
[30] US (13/431,855) 2012-03-27

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[51] **Int.Cl. H04N 5/222 (2006.01) A47C 1/12 (2006.01)**
[25] EN
[54] **SYSTEM FOR CONTROLLING SEAT EFFECT FOR FACILITY OF SHOWING PICTURES**
[54] **SYSTEME DE COMMANDE D'EFFET DE SIEGE POUR UNE INSTALLATION DE PRESENTATION D'IMAGES**
[72] CHOI, JAE SUNG, KR
[72] PARK, JIN YONG, KR
[73] CJ 4DPLEX CO., LTD, KR
[85] 2014-08-18
[86] 2012-12-06 (PCT/KR2012/010578)
[87] (WO2013/125775)
[30] KR (10-2012-0016887) 2012-02-20

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[54] **YOGA MAT ASSEMBLY**
[54] **ENSEMBLE DE TAPIS DE YOGA**
[72] FASULLO, LUCIANO, CA
[73] SNAP MAT SYSTEMS INC., CA
[86] (2865111)
[87] (2865111)
[22] 2014-09-24
[30] US (14/469,212) 2014-08-26

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[13] C
[51] **Int.Cl. B62K 25/12 (2006.01) B60G 11/12 (2006.01)**
[25] EN
[54] **A VEHICLE SUSPENSION SYSTEM**
[54] **SYSTEME DE SUSPENSION POUR VEHICULE**
[72] MCLEAY, HUGH, AU
[73] MCLEAY, HUGH, AU
[85] 2014-08-29
[86] 2013-03-01 (PCT/AU2013/000196)
[87] (WO2013/126968)
[30] AU (2012900828) 2012-03-02

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[13] C
[51] **Int.Cl. G06F 3/041 (2006.01) G06F 3/0488 (2013.01)**
[25] EN
[54] **IMAGE CONTROL APPARATUS, IMAGE PROCESSING SYSTEM, AND COMPUTER PROGRAM PRODUCT**
[54] **APPAREIL DE COMMANDE D'IMAGE, SYSTEME DE TRAITEMENT D'IMAGE ET PRODUIT-PROGRAMME D'ORDINATEUR**
[72] NAGAHARA, TAKANORI, JP
[73] RICOH COMPANY, LTD., JP
[85] 2014-09-08
[86] 2013-04-18 (PCT/JP2013/062144)
[87] (WO2013/161915)
[30] JP (2012-098834) 2012-04-24

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[51] **Int.Cl. C22F 1/00 (2006.01) C22C 9/01 (2006.01) C22C 14/00 (2006.01) C22C 19/00 (2006.01) C22C 19/03 (2006.01) C22C 38/08 (2006.01) C30B 15/00 (2006.01) C30B 29/52 (2006.01)**
[25] EN
[54] **MEDICAL INSTRUMENT MADE OF MONO-CRYSTALLINE SHAPE MEMORY ALLOYS AND MANUFACTURING METHODS**
[54] **INSTRUMENT MEDICAL FAIT D'ALLIAGES A MEMOIRE DE FORME MONOCRISTALLINS ET LEURS PROCEDES DE FABRICATION**
[72] GAO, YONG, US
[72] AMMON, DAN, US
[73] DENTSPLY INTERNATIONAL, INC., US
[85] 2014-09-10
[86] 2013-03-15 (PCT/US2013/032338)
[87] (WO2013/138760)
[30] US (61/611,073) 2012-03-15

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[51] **Int.Cl. B42F 13/26 (2006.01) B42F 3/04 (2006.01)**
[25] EN
[54] **RING BINDER MECHANISM**
[54] **MECANISME POUR CLASSEUR**
[72] CHENG, KEI, CN
[73] WORLD WIDE STATIONERY MFG. CO., LTD., CN
[86] (2869301)
[87] (2869301)
[22] 2014-10-30
[30] CN (201310530283.6) 2013-10-31

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[51] **Int.Cl. E06B 9/17 (2006.01)**
[25] EN
[54] **LIFTING DOOR ASSEMBLY AND DOOR LINTEL SEALING DEVICE THEREFOR**
[54] **SYSTEME DE PORTE RELEVABLE AINSI QUE DISPOSITIF D'ETANCHEITE DE LINTEAU DE PORTE**
[72] SENTJURC, MATJAZ, SI
[73] EFAFLEX INZENIRING D.O.O. LJUBLJANA, SI
[85] 2014-10-03
[86] 2013-04-24 (PCT/EP2013/058544)
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[30] DE (10 2012 104 039.7) 2012-05-08

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[51] **Int.Cl. E21B 33/14 (2006.01) E21B 43/10 (2006.01) E21B 47/12 (2012.01)**
[25] EN
[54] **TELEMETRY OPERATED CEMENTING PLUG RELEASE SYSTEM**
[54] **SYSTEME DE LIBERATION DE BOUCHON DE CIMENTATION ACTIONNE PAR TELEMETRIE**
[72] TURLEY, ROCKY A., US
[72] CAMPBELL, ROBIN L., US
[72] GIROUX, RICHARD L., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2869837)
[87] (2869837)
[22] 2014-11-04
[30] US (14/083,021) 2013-11-18

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[13] C
[51] **Int.Cl. B04B 13/00 (2006.01)**
[25] EN
[54] **METHOD OF DETECTING AND CONTROLLING E-LINE LOSS**
[54] **PROCEDE DE DETECTION ET DE CONTROLE DE PERTE DE LIGNE DE SEPARATION**
[72] DAUGELA, DARCY, CA
[72] MUELLER, DAVID, CA
[72] BULBUC, DANIEL, CA
[72] ENGLER-COOPER, CHRISTINE, CA
[73] SYNCRUDE CANADA LTD., CA
[86] (2870910)
[87] (2870910)
[22] 2014-11-10
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[51] **Int.Cl. C07D 519/00 (2006.01) A61K 31/433 (2006.01) A61K 31/4355 (2006.01) A61K 31/5025 (2006.01) A61P 7/02 (2006.01) C07D 487/04 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **IMIDAZOTHIADIAZOLE AND IMIDAZOPYRIDAZINE DERIVATIVES AS PROTEASE ACTIVATED RECEPTOR 4 (PAR4) INHIBITORS FOR TREATING PLATELET AGGREGATION**
[54] **DERIVES D'IMIDAZOTHIADIAZOLE ET D'IMIDAZOPYRIDAZINE UTILES COMME INHIBITEURS DES RECEPTEURS 4 ACTIVES PAR LES PROTEASES (PAR4) POUR TRAITER L'AGREGATION PLAQUETTAIRE**
[72] BANVILLE, JACQUES, CA
[72] REMILLARD, ROGER, CA
[72] RUEDIGER, EDWARD H., CA
[72] DEON, DANIEL H., CA
[72] GAGNON, MARC, CA
[72] DUBE, LAURENCE, CA
[72] GUY, JULIA, CA
[72] PRIESTLEY, ELDON SCOTT, US
[72] POSY, SHOSHANA L., US
[72] MAXWELL, BRAD D., US
[72] WONG, PANCRAS C., US
[73] BRISTOL-MYERS SQUIBB COMPANY, US
[73] UNIVERSITE DE MONTREAL, CA
[85] 2014-10-24
[86] 2013-04-24 (PCT/US2013/037956)
[87] (WO2013/163279)
[30] US (61/638,577) 2012-04-26
[30] US (61/787,680) 2013-03-15

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[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/70 (2013.01) G06F 13/00 (2006.01) H04M 3/00 (2006.01)**
[25] EN
[54] **TRANSMISSION MANAGEMENT SYSTEM, TRANSMISSION SYSTEM, AND TRANSMISSION MANAGEMENT SYSTEM PROGRAM**
[54] **SYSTEME DE GESTION DE TRANSMISSIONS, SYSTEME DE TRANSMISSION ET PROGRAMME DESTINE AU SYSTEME DE GESTION DE TRANSMISSIONS**
[72] UMEHARA, NAOKI, JP
[73] RICOH COMPANY, LIMITED, JP
[85] 2014-10-27
[86] 2013-05-20 (PCT/JP2013/064550)
[87] (WO2013/172485)
[30] JP (2012-114602) 2012-05-18

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[13] C
[51] **Int.Cl. B65D 90/00 (2006.01) B65D 25/00 (2006.01)**
[25] EN
[54] **INSTALLATION ASSEMBLY FOR A THERMOMETER**
[54] **ENSEMBLE D'INSTALLATION POUR THERMOMETRE**
[72] PALMA, LUCA, IT
[72] FURGUT, HELENA, DE
[73] ENDRESS + HAUSER WETZER GMBH + CO. KG, DE
[86] (2872111)
[87] (2872111)
[22] 2014-11-25
[30] EP (13194626.1) 2013-11-27

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[13] C
[51] **Int.Cl. C12N 15/29 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) C07K 14/415 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) G06F 19/22 (2011.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **DIRIGENT GENE EG261 AND ITS ORTHOLOGS AND PARALOGS AND THEIR USES FOR PATHOGEN RESISTANCE IN PLANTS**
[54] **GENE DIRIGEANT EG261 ET SES ORTHOLOGUES ET PARALOGUES ET LEURS UTILISATIONS DANS LA RESISTANCE AUX PATHOGENES CHEZ LES PLANTES**
[72] MESSIER, WALTER, US
[73] EG CROP SCIENCE, INC., US
[85] 2014-11-20
[86] 2013-05-23 (PCT/US2013/042382)
[87] (WO2013/177376)
[30] US (61/652,029) 2012-05-25
[30] US (61/789,463) 2013-03-15

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[51] **Int.Cl. G01N 9/36 (2006.01) G01N 33/28 (2006.01)**
[25] EN
[54] **PROCESS FOR DETERMINING THE INCOMPATIBILITY OF CRUDES MIXTURES CONTAINING ASPHALTENE**
[54] **PROCEDE POUR DETERMINER L'INCOMPATIBILITE DES MELANGES DE BRUTS CONTENANT DE L'ASPHALTENE**
[72] AQUINO OLIVOS, MARCO ANTONIO, MX
[72] AGUIRRE, GUTIERREZ, ADRIANA DE JESUS, MX
[72] MENDOZA DE LA CRUZ, JOSE LUIS, MX
[72] GARCIA FLORES, BLANCA ESTELA, MX
[72] AGUILA HERNANDEZ, JACINTO, MX
[72] RAMOS CORZO, VERONICA, MX
[72] CEDILLO RAMIREZ, JUAN CARLOS, MX
[73] INSTITUTO MEXICANO DEL PETROLEO, MX
[86] (2872381)
[87] (2872381)
[22] 2014-11-26
[30] MX (MX/A/2013/014351) 2013-12-06

[11] **2,872,582**
[13] C
[51] **Int.Cl. F25B 47/02 (2006.01) F24F 13/00 (2006.01) F25D 21/02 (2006.01)**
[25] EN
[54] **DEFROST OPERATION MANAGEMENT**
[54] **GESTION D'OPERATION DE DEGLACAGE**
[72] QU, YI, US
[72] HREJSA, PETE, US
[73] LENNOX INDUSTRIES INC., US
[86] (2872582)
[87] (2872582)
[22] 2014-11-26
[30] US (14/091,887) 2013-11-27

[11] **2,872,588**
[13] C
[51] **Int.Cl. B01F 5/06 (2006.01) C02F 1/32 (2006.01)**
[25] EN
[54] **MIXING DEVICE FOR OPEN-CHANNEL UV WATER TREATMENT PLANTS**
[54] **DISPOSITIF DE MELANGE POUR DES INSTALLATIONS DE TRAITEMENT DE L'EAU PAR UV PRESENTANT UN CONDUIT OUVERT**
[72] MORNINGSTAR, LEROY JACK, JR., US
[72] KAMMERER, SVEN, DE
[73] XYLEM WATER SOLUTIONS HERFORD GMBH, DE
[85] 2014-11-03
[86] 2013-03-06 (PCT/EP2013/000653)
[87] (WO2013/164048)
[30] DE (10 2012 008 732.2) 2012-05-04

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[13] C
[51] **Int.Cl. G07C 5/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR VEHICLE MONITORING**
[54] **PROCEDE ET SYSTEME POUR SURVEILLANCE DE VEHICULE**
[72] ATHERTON, LEE MICHAEL, US
[73] ASSETWORKS, INC., US
[86] (2874286)
[87] (2874286)
[22] 2014-12-11
[30] US (61/914,530) 2013-12-11

[11] **2,874,615**
[13] C
[51] **Int.Cl. G02F 1/31 (2006.01) G02B 6/35 (2006.01) G02B 6/42 (2006.01) G02F 1/1333 (2006.01) G02F 1/139 (2006.01) H04Q 11/00 (2006.01)**
[25] EN
[54] **HIGH POWER OPTICAL SWITCH**
[54] **COMMUTATEUR OPTIQUE DE GRANDE PUISSANCE**
[72] SMITH, IRL W., US
[72] DORSCHNER, TERRY A., US
[73] RAYTHEON COMPANY, US
[85] 2014-11-20
[86] 2013-05-24 (PCT/US2013/042641)
[87] (WO2013/177511)
[30] US (61/651,292) 2012-05-24

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[51] **Int.Cl. H01T 13/34 (2006.01) F23Q 3/00 (2006.01)**
[25] EN
[54] **IMPROVED HIGH ENERGY IGNITION SPARK IGNITER**
[54] **ALLUMEUR A ETINCELLE AMELIORE A HAUTE ENERGIE**
[72] STRONG, ANDREW H., US
[72] KELLY, EWEN M., US
[73] JOHN ZINK COMPANY, LLC, US
[86] (2875267)
[87] (2875267)
[22] 2014-12-17
[30] US (61/920,812) 2013-12-26
[30] US (14/566,551) 2014-12-10

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[13] C
[51] **Int.Cl. G03G 15/08 (2006.01)**
[25] EN
[54] **POWDER CONTAINER AND IMAGE FORMING APPARATUS**
[54] **RECIPIENT A POUDRE ET APPAREIL DE FORMATION D'IMAGE**
[72] HOSOKAWA, HIROSHI, JP
[72] KAI, TSUKURU, JP
[72] MATSUMOTO, JUNICHI, JP
[72] KOMATSU, MAKOTO, JP
[72] HAYAKAWA, TADASHI, JP
[72] OZAWA, YUZURU, JP
[72] TAMAKI, SHINJI, JP
[72] KIKUCHI, KENJI, JP
[73] RICOH COMPANY, LIMITED, JP
[85] 2014-12-01
[86] 2013-06-03 (PCT/JP2013/065901)
[87] (WO2013/183782)
[30] JP (2012-126637) 2012-06-03
[30] JP (2012-126642) 2012-06-03
[30] JP (2013-092765) 2013-04-25
[30] JP (2013-092938) 2013-04-25

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[13] C
[51] **Int.Cl. E21D 20/00 (2006.01) E21B 7/02 (2006.01)**
[25] EN
[54] **ROCK BOLTING MACHINE AND APPARATUS**
[54] **MACHINE A BOULONNAGE DE TOIT ET APPAREIL**
[72] VOGEL, TRAVIS, CA
[72] BJARNASON, TYRELL, CA
[72] PLETZ, MICHAEL, CA
[72] STILBORN, MITCH, CA
[73] BRANDT ENGINEERED PRODUCTS LTD., CA
[86] (2875511)
[87] (2875511)
[22] 2014-12-22
[30] CA (2841506) 2014-02-04
[30] CA (2815885) 2014-02-04
[30] CA (2866044) 2014-10-06

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[13] C
[51] **Int.Cl. A47L 13/22 (2006.01)**
[25] EN
[54] **FLOOR CLEANING APPLIANCE HAVING DISPOSABLE FLOOR SHEETS AND METHOD OF CLEANING A FLOOR THEREWITH**
[54] **APPAREIL DE NETTOYAGE DE SOL POSSEDANT DES FEUILLES POUR SOL JETABLES ET PROCEDE DE NETTOYAGE D'UN SOL A L'AIDE DE CELUI-CI**
[72] POLICICCHIO, NICOLA JOHN, US
[72] SCHOLTEN, JEFF, US
[72] WHITE, JOE, US
[73] THE PROCTER & GAMBLE COMPANY, US
[73] BISSELL HOMECARE, INC., US
[85] 2014-12-04
[86] 2013-06-04 (PCT/US2013/044059)
[87] (WO2013/188170)
[30] US (13/487,696) 2012-06-04

[11] **2,876,317**
[13] C
[51] **Int.Cl. A61M 5/36 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTION AND MANAGEMENT OF AIR-IN-LINE**
[54] **METHODE ET APPAREIL DE DETECTION ET DE GESTION DE PRESENCE D'AIR DANS UNE TUBULURE**
[72] BROWNE, AIDAN, US
[72] JURETICH, JEFFERY T., US
[72] GUPTA, RAMJI, US
[72] MARTEL, DANIEL A., US
[73] ZEVEX, INC., US
[85] 2014-12-10
[86] 2013-06-19 (PCT/US2013/046594)
[87] (WO2014/004216)
[30] US (13/531,554) 2012-06-24

[11] **2,877,107**
[13] C
[51] **Int.Cl. F02D 29/02 (2006.01) F02D 17/00 (2006.01) F16F 15/02 (2006.01)**
[25] EN
[54] **ENGINE-MOUNTED CONTROLLER, AND VEHICLE**
[54] **DISPOSITIF DE COMMANDE MONTE SUR MOTEUR, ET VEHICULE**
[72] OKAMOTO, HIDEYUKI, JP
[72] YONE, TATSUHIRO, JP
[73] HONDA MOTOR CO., LTD., JP
[85] 2014-12-17
[86] 2014-04-24 (PCT/JP2014/061517)
[87] (WO2014/185244)
[30] JP (2013-102993) 2013-05-15

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[13] C
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 41/00 (2006.01) E21B 47/12 (2012.01)**
[25] EN
[54] **REMOTE AND MANUALLY ACTUATED WELL TOOL**
[54] **OUTIL DE PUITS ACTIONNE A DISTANCE ET MANUELLEMENT**
[72] NAPIER, RORY ARCHIBALD, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-12-18
[86] 2012-06-26 (PCT/EP2012/062391)
[87] (WO2014/000777)

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[13] C
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[25] EN
[54] **SEGMENTED GEL COMPOSITES AND RIGID PANELS MANUFACTURED THEREFROM**
[54] **COMPOSITES DE GEL SEGMENTES ET PANNEAUX RIGIDES FABRIQUES A PARTIR DE CEUX-CI**
[72] EVANS, OWEN R, US
[72] MELNIKOVA, IRENE, US
[73] ASPEN AEROGELS, INC., US
[85] 2014-12-18
[86] 2013-08-09 (PCT/US2013/054289)
[87] (WO2014/026088)
[30] US (61/682,198) 2012-08-10
[30] US (13/800,551) 2013-03-13

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[13] C
[51] **Int.Cl. H04B 7/26 (2006.01) H04W 28/16 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSRECEIVING OPERATING CHANNEL INFORMATION IN WIRELESS COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL D'EMISSION/RECEPTION D'INFORMATIONS DE CANAL DE FONCTIONNEMENT DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] SEOK, YONGHO, KR
[73] LG ELECTRONICS INC., KR
[85] 2014-12-19
[86] 2012-10-16 (PCT/KR2012/008433)
[87] (WO2014/010786)
[30] US (61/669,656) 2012-07-09

[11] **2,878,552**
[13] C
[51] **Int.Cl. E21B 34/12 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **DOWNHOLE SLEEVE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE MANCHON FOND DE TROU**
[72] KING, JAMES G., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-01-07
[86] 2013-06-10 (PCT/US2013/044904)
[87] (WO2014/011336)
[30] US (13/545,605) 2012-07-10

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[51] **Int.Cl. A01N 25/14 (2006.01) A01N 25/00 (2006.01) A01N 25/12 (2006.01) A01N 47/18 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **WATER DISPERSIBLE GRANULE, AND METHOD FOR PRODUCING SAME**
[54] **GRANULE HYDRODISPERSIBLE ET SON PROCEDE DE PRODUCTION**
[72] ENDO, YOSHIHISA, JP
[72] MAEKAWA, TAKAHIRO, JP
[73] NIPPON SODA CO., LTD., JP
[85] 2015-01-07
[86] 2013-07-09 (PCT/JP2013/068744)
[87] (WO2014/013908)
[30] JP (2012-160820) 2012-07-19

[11] **2,878,876**
[13] C
[51] **Int.Cl. F16L 33/03 (2006.01) B65D 63/00 (2006.01) F16B 2/06 (2006.01)**
[25] EN
[54] **BANDING STRAP**
[54] **ATTACHE DE CERCLAGE**
[72] COMANIUK, PAUL, CA
[72] COMANIUK, RYAN, CA
[72] DNESTRIANSCHII, LUCIEN, CA
[72] MARCOS, JOSEPH B., CA
[73] KWIK BANDIT INC., CA
[85] 2015-01-12
[86] 2013-07-02 (PCT/CA2013/050511)
[87] (WO2014/012178)
[30] CA (2783353) 2012-07-16

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[13] C
[51] **Int.Cl. C08G 77/388 (2006.01) A61K 8/898 (2006.01) C08G 77/452 (2006.01)**
[25] EN
[54] **ORGANOPOLYSILOXANE POLYMERS**
[54] **POLYMERES ORGANOPOLYSILOXANES**
[72] SMITH, STEVEN DARYL, US
[72] MCCHAIN, ROBERT JOSEPH, US
[72] GIZAW, YONAS, US
[72] PANANDIKER, RAJAN KESHAV, US
[72] BARRERA, CAROLA, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-15
[86] 2013-07-29 (PCT/US2013/052588)
[87] (WO2014/018986)
[30] US (61/676,744) 2012-07-27
[30] US (61/763,066) 2013-02-11

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[51] **Int.Cl. H04W 48/12 (2009.01) H04W 48/16 (2009.01) H04W 48/18 (2009.01)**
[25] EN
[54] **COMMUNICATION SYSTEM, NODE APPARATUS, COMMUNICATION METHOD AND PROGRAM**
[54] **SYSTEME DE COMMUNICATION, APPAREIL DE N□UD, PROCEDE ET PROGRAMME**
[72] TAMURA, TOSHIYUKI, JP
[72] TAKANO, YUSUKE, JP
[73] NEC CORPORATION, JP
[85] 2015-01-26
[86] 2013-07-26 (PCT/JP2013/070319)
[87] (WO2014/017630)
[30] JP (2012-167234) 2012-07-27

[11] **2,880,254**
[13] C
[51] **Int.Cl. H04N 21/45 (2011.01) H04N 21/478 (2011.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PROCESSING AN INTERACTIVE SERVICE**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT D'UN SERVICE INTERACTIF**
[72] OH, SEJIN, KR
[72] KIM, JINPIL, KR
[72] AN, SEUNGJOO, KR
[72] LEE, JINWON, KR
[72] KIM, KYUNGHO, KR
[72] MOON, KYOUNGSOO, KR
[73] LG ELECTRONICS INC., KR
[85] 2015-01-27
[86] 2013-08-28 (PCT/KR2013/007722)
[87] (WO2014/042368)
[30] US (61/700,310) 2012-09-12
[30] US (61/703,749) 2012-09-20

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[51] **Int.Cl. G06F 11/36 (2006.01)**
[25] EN
[54] **HIT TESTING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL D'ESSAI DE CONTACT**
[72] YU, YANG, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2015-01-27
[86] 2013-08-02 (PCT/CN2013/080730)
[87] (WO2014/023193)
[30] CN (201210280078.4) 2012-08-08

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[13] C
[51] **Int.Cl. E21B 43/10 (2006.01) E21B 7/04 (2006.01) E21B 43/08 (2006.01)**
[25] EN
[54] **OPEN HOLE EXPANDABLE JUNCTION**
[54] **JONCTION EXTENSIBLE A TROU OUVERT**
[72] BARKER, RONALD GORDON, US
[72] FARLEY, DOUGLAS BRIAN, US
[72] HOGG, WILLIAM CLIFFORD, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2880944)
[87] (2880944)
[22] 2015-02-05
[30] US (61/937,053) 2014-02-07

[11] **2,881,141**
[13] C
[51] **Int.Cl. H04N 13/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSCEIVING IMAGE COMPONENT FOR 3D IMAGE**
[54] **PROCEDE ET APPAREIL D'EMISSION/RECEPTION DE COMPOSANTE D'IMAGE POUR IMAGE 3D**
[72] CHOE, JEEHYUN, KR
[72] SUH, JONGYEUL, KR
[73] LG ELECTRONICS INC., KR
[85] 2015-02-05
[86] 2013-08-12 (PCT/KR2013/007226)
[87] (WO2014/025239)
[30] US (61/681,633) 2012-08-10

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[13] C
[51] **Int.Cl. A61M 5/162 (2006.01) A61M 39/02 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **SPLIT SEPTUM ASSEMBLY FOR AN INTRAVENOUS INJECTION SITE**
[54] **ENSEMBLE SEPTUM DIVISE POUR POINT D'INJECTION INTRAVEINEUSE**
[72] WINSOR, CHRIS, US
[73] NEXUS MEDICAL, LLC, US
[86] (2881294)
[87] (2881294)
[22] 2015-02-05
[30] US (61/937,804) 2014-02-10
[30] US (14/613,561) 2015-02-04

[11] **2,881,625**
[13] C
[51] **Int.Cl. E21B 21/01 (2006.01) E21B 7/24 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **A METHOD AND APPARATUS FOR DRILLING AND COMPLETION FLUID SEPARATION**
[54] **PROCEDE ET APPAREIL POUR SEPARATION DE FLUIDE DE FORAGE ET DE COMPLETION**
[72] HALL, JOHN ADRIAN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-10
[86] 2013-07-29 (PCT/US2013/052561)
[87] (WO2014/025567)
[30] US (13/572,299) 2012-08-10

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[13] C
[51] **Int.Cl. B61K 3/00 (2006.01)**
[25] EN
[54] **GAUGE FACE LUBRICATION**
[54] **LUBRIFICATION DE FACE DE GABARIT DE VOIE**
[72] POWELL, WARD, US
[72] SCHNORR, CHARLES H.,III, US
[72] PETRIE, CHARLES, US
[72] REDFIELD, MATTHEW, US
[73] L.B. FOSTER RAIL TECHNOLOGIES, INC., US
[85] 2015-02-11
[86] 2013-08-23 (PCT/CA2013/050654)
[87] (WO2014/029028)
[30] US (13/593,189) 2012-08-23

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[51] **Int.Cl. H04W 8/18 (2009.01)**
[25] EN
[54] **DATA ACCESS METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF D'ACCES A DES DONNEES**
[72] WANG, YANPING, CN
[72] XUE, ZITAO, CN
[73] ZTE CORPORATION, CN
[85] 2015-02-11
[86] 2013-06-21 (PCT/CN2013/077714)
[87] (WO2014/026505)
[30] CN (201210294823.0) 2012-08-17

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[51] **Int.Cl. H02M 7/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ASSEMBLING A VOLTAGE AMPLIFIER**
[54] **SYSTEME ET PROCEDE PERMETTANT D'ASSEMBLER UN AMPLIFICATEUR DE TENSION**
[72] GORRELL, BRIAN EARL, US
[72] BALTZ, JAMES PAUL, US
[73] FINISHING BRANDS HOLDINGS INC., US
[85] 2015-03-03
[86] 2013-08-13 (PCT/US2013/054800)
[87] (WO2014/042805)
[30] US (61/701,285) 2012-09-14
[30] US (13/964,841) 2013-08-12

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[51] **Int.Cl. A61B 6/00 (2006.01) A61B 6/06 (2006.01) A61B 6/08 (2006.01) G03B 42/02 (2006.01)**
[25] EN
[54] **ADJUSTABLE DYNAMIC FILTER**
[54] **FILTRE DYNAMIQUE REGLABLE**
[72] MILLER, ZACHARY A., US
[73] MILLER, ZACHARY A., US
[85] 2015-03-11
[86] 2013-09-11 (PCT/US2013/059238)
[87] (WO2014/043217)
[30] US (13/609,362) 2012-09-11

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[13] C
[51] **Int.Cl. B24B 19/14 (2006.01) B24B 19/26 (2006.01) B24B 27/00 (2006.01)**
[25] EN
[54] **METHOD FOR THE AUTOMATED SURFACE TREATMENT OF A PROFILED LARGE COMPONENT OF A WIND TURBINE, TREATMENT DEVICE AND TREATMENT SYSTEM**
[54] **PROCEDE AUTOMATISE D'USINAGE DE SURFACE D'UN ELEMENT PROFILE DE GRANDE DIMENSION, INSTALLATION EOLIENNE, DISPOSITIF D'USINAGE ET SYSTEME D'USINAGE**
[72] HEILIG, TOBIAS, DE
[72] JANSSEN, INGO, DE
[72] WOLF, ERNST-JURGEN, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2015-03-10
[86] 2013-10-10 (PCT/EP2013/071213)
[87] (WO2014/057061)
[30] DE (102012019989.9) 2012-10-12
[30] DE (102013210582.7) 2013-06-06

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[51] **Int.Cl. G01R 15/18 (2006.01) G01R 27/02 (2006.01) H02J 3/10 (2006.01) H03H 7/00 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR AC CURRENT SOURCES, PRECISION CURRENT TRANSDUCERS AND DETECTORS**
[54] **METHODES ET DISPOSITIFS SERVANT AUX SOURCES DE COURANT CA, TRANSDUCTEURS DE COURANT DE PRECISION ET DETECTEURS**
[72] MILJANIC, PETAR N., RS
[72] BARCZYK, TOMASZ, CA
[73] GUILDLINE INSTRUMENTS LIMITED, CA
[86] (2885445)
[87] (2885445)
[22] 2015-03-20
[30] US (61/968,557) 2014-03-21

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[51] **Int.Cl. C08F 297/08 (2006.01) C08F 4/80 (2006.01) C08F 232/08 (2006.01)**
[25] EN
[54] **SELF-ASSEMBLING POLYMERS - I**
[54] **POLYMERES AUTOASSEMBLANT - I**
[72] AAMER, KHALED ABDEL-HAKIM HELMY, US
[73] PALL CORPORATION, US
[86] (2886288)
[87] (2886288)
[22] 2015-03-26
[30] US (14/292,376) 2014-05-30

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[13] C
[51] **Int.Cl. G01M 11/08 (2006.01) G01B 11/16 (2006.01)**
[25] EN
[54] **A MONITORING DEVICE, SYSTEM AND METHOD FOR THE MONITORING OF AN AREA OF BUILDING OR LAND, USING AT LEAST ONE LIGHT WAVEGUIDE**
[54] **DISPOSITIF DE SURVEILLANCE, SYSTEME ET PROCEDE DE SURVEILLANCE D'UNE ZONE DE CONSTRUCTION OU TERRAIN EN UTILISANT AU MOINS UN GUIDE D'ONDE LUMINEUX**
[72] HODAC, BERNARD, FR
[73] OSMOS SA, FR
[85] 2015-04-01
[86] 2012-02-09 (PCT/IB2012/000732)
[87] (WO2013/117954)

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[51] **Int.Cl. A61B 17/88 (2006.01) A61B 17/72 (2006.01) A61B 17/86 (2006.01)**
[25] EN
[54] **TORQUE DRIVERS FOR HEADLESS THREADED COMPRESSION FASTENERS**
[54] **TOURNEVIS DYNAMOMETRIQUES POUR ELEMENT DE FIXATION PAR COMPRESSION FILETE SANS TETE**
[72] WONG, KIAN-MING, US
[72] LOWERY, GARY, US
[72] ARMACOST, SCOTT A., US
[73] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2015-04-08
[86] 2014-10-06 (PCT/US2014/059318)
[87] (2887572)

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[51] **Int.Cl. B32B 27/00 (2006.01) B32B 7/00 (2006.01) E01C 7/35 (2006.01)**
[25] EN
[54] **COMPOSITE TACK FILM**
[54] **FILM COLLANT COMPOSITE**
[72] YU, TAO, US
[72] WANG, FEI, US
[73] SAINT-GOBAIN ADFORS CANADA, LTD., US
[85] 2015-04-15
[86] 2013-10-18 (PCT/US2013/065693)
[87] (WO2014/063056)
[30] US (61/716,043) 2012-10-19

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[13] C
[51] **Int.Cl. E21B 17/046 (2006.01) E21B 19/16 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEM AND METHOD FOR CIRCUMFERENTIALLY ORIENTING A DOWNHOLE LATCH SUBSYSTEM**
[54] **APPAREIL, SYSTEME ET PROCEDE D'ORIENTATION CIRCONFERENTIELLE D'UN SOUS-SYSTEME DE VERROUILLAGE DE FOND DE TROU**
[72] STEELE, DAVID JOE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-17
[86] 2012-11-29 (PCT/US2012/066951)
[87] (WO2014/084823)

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[13] C
[51] **Int.Cl. C08K 5/07 (2006.01) C08F 2/38 (2006.01) C08F 2/40 (2006.01)**
[25] EN
[54] **QUINONE COMPOUNDS FOR INHIBITING MONOMER POLYMERIZATION**
[54] **COMPOSES DE QUINONE POUR L'INHIBITION DE LA POLYMERISATION DE MONOMERES**
[72] MO, HUA, US
[72] METZLER, ROGER D., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-04-21
[86] 2013-10-14 (PCT/US2013/064857)
[87] (WO2014/066086)
[30] US (13/660,488) 2012-10-25

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[51] **Int.Cl. C08F 297/06 (2006.01) C08F 4/80 (2006.01) C08F 8/04 (2006.01) C08J 5/18 (2006.01) C08L 53/00 (2006.01)**
[25] EN
[54] **SELF-ASSEMBLING POLYMERS - II**
[54] **POLYMERES AUTOASSEMBLANT - II**
[72] AAMER, KHALED ABDEL-HAKIM HELMY, US
[73] PALL CORPORATION, US
[86] (2889437)
[87] (2889437)
[22] 2015-04-24
[30] US (14/292,611) 2014-05-30

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[13] C
[51] **Int.Cl. B65G 47/52 (2006.01)**
[25] EN
[54] **PALLET STACKER CONVEYOR**
[54] **COURROIE DE TRANSPORT D'EMPILEUR DE PALETTES**
[72] HILGENDROF, DENNIS J., US
[73] HILGENDROF, DENNIS J., US
[86] (2889460)
[87] (2889460)
[22] 2015-04-30
[30] US (14/292,899) 2014-05-31

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[13] C
[51] **Int.Cl. C09K 8/36 (2006.01)**
[25] EN
[54] **WELLBORE SERVICING COMPOSITIONS AND METHODS OF MAKING AND USING SAME**
[54] **COMPOSITIONS D'ENTRETIEN DE PUITS DE FORAGE ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] GAMAGE, PUBUDU HASANKA, US
[72] DEVILLE, JAY PAUL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-23
[86] 2013-09-25 (PCT/US2013/061708)
[87] (WO2014/070340)
[30] US (13/664,259) 2012-10-30

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[13] C
[51] **Int.Cl. C08F 297/06 (2006.01) C08F 4/80 (2006.01) C08J 5/18 (2006.01) C08L 53/00 (2006.01)**
[25] EN
[54] **SELF-ASSEMBLING POLYMERS - III**
[54] **POLYMERES AUTOASSEMBLANT - III**
[72] AAMER, KHALED ABDEL-HAKIM HELMY, US
[73] PALL CORPORATION, US
[86] (2889580)
[87] (2889580)
[22] 2015-04-24
[30] US (14/292,722) 2014-05-30

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[13] C
[51] **Int.Cl. B60B 19/00 (2006.01) A63B 55/60 (2015.01) B60B 1/00 (2006.01)**
[25] EN
[54] **COLLAPSIBLE WHEELS AND METHODS OF MAKING COLLAPSIBLE WHEELS**
[54] **ROUES PLIABLES ET PROCEDES DE FABRICATION DE ROUES PLIABLES**
[72] SOLHEIM, JOHN A., US
[72] COLE, ERIC V., US
[73] KARSTEN MANUFACTURING CORPORATION, US
[85] 2015-04-27
[86] 2013-10-25 (PCT/US2013/066843)
[87] (WO2014/070609)
[30] US (61/719,634) 2012-10-29

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[13] C
[51] **Int.Cl. F04D 29/10 (2006.01) F04D 13/08 (2006.01)**
[25] EN
[54] **HIGH TEMPERATURE RADIAL BEARING FOR ELECTRICAL SUBMERSIBLE PUMP ASSEMBLY**
[54] **PALIER RADIAL A TEMPERATURE ELEVEE POUR ENSEMBLE POMPE SUBMERSIBLE ELECTRIQUE**
[72] KNAPP, JOHN M., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-05-01
[86] 2013-10-22 (PCT/US2013/066132)
[87] (WO2014/070522)
[30] US (13/667,645) 2012-11-02

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[13] C
[51] **Int.Cl. E21B 43/12 (2006.01) F04B 47/06 (2006.01) F04B 49/06 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEM FOR CONTROLLING A LINEAR MOTOR FOR A DEEP WELL OIL PUMP**
[54] **PROCEDES ET SYSTEME DE COMMANDE D'UN MOTEUR LINEAIRE POUR POMPE A PETROLE DE PUITS PROFOND**
[72] CARDAMONE, DAVID P., US
[72] DEIRMENGIAN, CARL R., US
[72] KEOHANE, EUGENE F., US
[72] KINNAMAN, BENJAMIN W., US
[73] MOOG INC., US
[85] 2015-05-04
[86] 2013-11-26 (PCT/US2013/071976)
[87] (WO2014/082074)
[30] US (61/729,815) 2012-11-26

[11] **2,890,820**
[13] C
[51] **Int.Cl. B60G 11/14 (2006.01) B60G 9/04 (2006.01) F16F 1/06 (2006.01) F16F 9/32 (2006.01)**
[25] EN
[54] **SUSPENSION AND COMPRESSION COIL SPRING FOR SUSPENSION**
[54] **DISPOSITIF DE SUSPENSION ET RESSORT DE COMPRESSION HELICOIDAL POUR DISPOSITIF DE SUSPENSION**
[72] YAMAMOTOYA, KENJI, IN
[72] ENOMOTO, HIDETO, JP
[72] TAKAHASHI, KEN, JP
[72] SATO, TOSHIAKI, JP
[72] SUGIYAMA, MITSUHIRO, JP
[72] KOBAYASHI, YOSHIO, JP
[72] INAGE, TAICHI, JP
[72] KATO, TOMOTAKE, JP
[72] NISHIKAWA, AKIHIKO, JP
[72] UMEZAWA, MASAHIRO, JP
[72] AYADA, MICHIHIKO, JP
[72] KAJIGAYA, SUGURU, JP
[73] NHK SPRING CO., LTD., JP
[85] 2015-05-08
[86] 2013-11-14 (PCT/JP2013/080811)
[87] (WO2014/077327)
[30] JP (2012-252520) 2012-11-16

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[13] C
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 33/124 (2006.01) E21B 34/14 (2006.01)**
[25] EN
[54] **DISSOLVABLE TOOL AND METHOD OF DISSOLVING SAME**
[54] **OUTIL SOLUBLE ET PROCEDE DE DISSOLUTION DE CELUI-CI**
[72] MAILAND, JASON C., US
[72] JOHNSON, CHARLES C., US
[72] KITZMAN, JEFFERY D., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-05-05
[86] 2013-11-01 (PCT/US2013/068070)
[87] (WO2014/074412)
[30] US (13/670,902) 2012-11-07

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[13] C
[51] **Int.Cl. F16L 58/00 (2006.01) F16L 55/115 (2006.01) F16L 57/06 (2006.01) H02G 3/06 (2006.01)**
[25] EN
[54] **CONDUIT SLEEVE WITH DETACHABLE END CAP**
[54] **MANCHON DE CONDUIT DOTE D'UN BOUCHON D'EXTREMITE DETACHABLE**
[72] DRANE, MARK R., US
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
[86] (2891271)
[87] (2891271)
[22] 2015-05-13
[30] US (61/992,747) 2014-05-13

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[54] **CASING MANIPULATION ASSEMBLY WITH HYDRAULIC TORQUE LOCKING MECHANISM**
[54] **ENSEMBLE DE MANIPULATION D'ENVELOPPE AVEC MECANISME DE VERROUILLAGE DE COUPLE HYDRAULIQUE**
[72] HART, DANIEL R., US
[73] BAKER HUGHES INCORPORATED, US
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[54] **SPECIMEN PROCESSING SYSTEMS AND METHODS FOR HOLDING SLIDES**
[54] **SYSTEMES DE TRAITEMENT D'ECHANTILLON ET PROCEDES POUR MAINTIEN DE LAMES PORTE-OBJETS**
[72] MARSHALL, KEVIN DAVID, US
[72] HARRISON, JOSHUA DAVID KENNETH, US
[72] KETTERER, MATTHEW, US
[72] KRAM, BRIAN HOWARD, US
[73] VENTANA MEDICAL SYSTEMS, INC., US
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[54] **A METHOD OF USING A WORK STRING HAVING A SWIVEL**
[54] **UNE METHODE D'UTILISATION D'UNE COLONNE DE TRAVAIL COMPORTANT UN PIVOT**
[72] BARANNIKOW, IVAN ANDRE, US
[72] FARLEY, DOUGLAS BRIAN, US
[72] DUDOCHKIN, EGOR, US
[72] ROSENBERG, STEVEN MICHAEL, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2891579)
[87] (2891579)
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[54] **METHOD AND APPARATUS FOR CHARGING A BATTERY USING MULTIPLE CHARGING SOURCES**
[54] **PROCEDE ET APPAREIL DE CHARGE D'UNE BATTERIE A L'AIDE DE MULTIPLES SOURCES DE CHARGE**
[72] HERRMANN, JOHN E., US
[72] HERRMANN, AMY T., US
[72] KERFOOT, ROY L., US
[72] LOUIE, EDMOND, US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2015-05-19
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[54] **CORD-SHAPED HEATER AND SHEET-SHAPED HEATER**
[54] **CORPS DE CHAUFFE EN FORME DE CORDON ET CORPS DE CHAUFFE EN FORME DE FEUILLE**
[72] HASE, YASUHIRO, JP
[72] OBA, MOTOYUKI, JP
[72] SUZUKI, TADAO, JP
[72] OTA, TOMOYA, JP
[73] KURABE INDUSTRIAL CO., LTD., JP
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[54] **IMPROVED EFFICIENCY PILOT BURNER SYSTEM FOR WATER HEATERS**
[54] **SYSTEME A BRULEUR PILOTE A EFFICACITE AMELIOREE POUR CHAUFFE-EAU**
[72] BOROS, JOZEF, US
[72] RAO, ASHWIN, US
[72] THENAPPAN, SUBBRAMANIAN, US
[72] GIBBONS, DAVID L., US
[73] RHEEM MANUFACTURING COMPANY, US
[86] (2892565)
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[54] **STRAIN SENSING CABLE**
[54] **CABLE A DETECTION DE DEFORMATION**
[72] LAMBERT, CHRISTOPHER, US
[72] BALAGOPAL, AJIT, US
[72] IVASAUSKAS, JONAS, US
[73] BAKER HUGUES INCORPORATED, US
[85] 2015-05-26
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[25] EN
[54] **SINGLE SERVE CAPSULE FOR PRODUCING A COFFEE BEVERAGE WITHOUT CREMA**
[54] **CAPSULE POUR PREPARER UNE BOISSON AU CAFE SANS CREME**
[72] EMPL, GUNTER, DE
[72] EPPLER, WOLFGANG, DE
[72] THROM, ANDRE, DE
[73] K-FEE SYSTEM GMBH, DE
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[54] **TREATMENT OF FINE TAILINGS**
[54] **TRAITEMENT DE REFUS DE CRIBLE FINS**
[72] ADKINS, STEPHEN, GB
[73] BASF SE, DE
[85] 2015-05-27
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[54] **SWITCHING STAGE, ENERGY CONVERSION CIRCUIT, AND CONVERSION STAGE FOR WIND TURBINES COMPRISING THE ENERGY CONVERSION CIRCUIT**
[54] **ETAGE DE COMMUTATION, CIRCUIT DE CONVERSION D'ENERGIE ET ETAGE DE CONVERSION POUR EOLIENNES COMPRENANT CE CIRCUIT DE CONVERSION D'ENERGIE**
[72] ZABALETA MAEZTU, MIKEL, ES
[72] LOPEZ TABERNA, JESUS, ES
[72] BURGUETE ARCHEL, EDUARDO, ES
[73] INGETEAM POWER TECHNOLOGY, S.A., ES
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[54] **DEVICE AND METHOD FOR COOLING ROLLED STOCK**
[54] **DISPOSITIF ET PROCEDE DE REFROIDISSEMENT D'UN PRODUIT LAMINE**
[72] BREUER, MICHAEL, DE
[72] GRAMER, ANDREAS, DE
[72] ALKEN, JOHANNES, DE
[72] MATHWEIS, DIETRICH, DE
[72] ZETZSCHE, HEIKO, DE
[73] SMS GROUP GMBH, DE
[85] 2015-06-09
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[54] **MRI COMPATIBLE HANDLE AND STEERABLE SHEATH**
[54] **POIGNEE COMPATIBLE AVEC L'IRM ET GAINE ORIENTABLE**
[72] STENZEL, GREGG S., US
[72] WEDAN, STEVEN R., US
[72] PAGE, DOUGLAS A., US
[72] LLOYD, THOMAS W., US
[72] KALTHOFF, JAMES ALAN, US
[72] BRUTLAG, BRYAN A., US
[73] IMRICOR MEDICAL SYSTEMS, INC., US
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[54] **HIGH PRESSURE LOCK ASSEMBLY**
[54] **ENSEMBLE DE VERROUILLAGE HAUTE PRESSION**
[72] BLACK, STEVEN S., US
[73] BAKER HUGHES INCORPORATED, US
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[54] **TEMPERATURE ADJUSTED ANALYTE DETERMINATION FOR BIOSENSOR SYSTEMS**
[54] **DETERMINATION D'ANALYTE AJUSTEE A UNE TEMPERATURE POUR DES SYSTEMES BIOCAPTEURS**
[72] WU, HUAN-PING, US
[72] NELSON, CHRISTINE D., US
[73] ASCENSIA DIABETES CARE HOLDINGS AG, CH
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[25] EN
[54] **LIGHT SOURCE DEVICE AND PROJECTOR USING THE SAME**
[54] **DISPOSITIF DE SOURCE LUMINEUSE ET PROJECTEUR UTILISANT CELUI-CI**
[72] MAEDA, IKUO, JP
[72] FUJITA, KAZUHIRO, JP
[72] MURAI, TOSHIHARU, JP
[72] TAKAHASHI, TATSUYA, JP
[72] NISHIMORI, TAKEHIRO, JP
[73] RICOH COMPANY, LTD., JP
[85] 2015-06-22
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[51] **Int.Cl. E21B 21/08 (2006.01) E21B 43/22 (2006.01) E21B 49/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING SUBTERRANEAN FORMATIONS WITH INTERLOCKING LOST CIRCULATION MATERIALS**
[54] **PROCEDES ET COMPOSITIONS DE TRAITEMENT DE FORMATIONS SOUTERRAINES AU MOYEN DE COLMATANTS IMBRIQUES**
[72] JAMISON, DALE E., US
[72] SAVARI, SHARATH, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-06-22
[86] 2014-02-10 (PCT/US2014/015537)
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[51] **Int.Cl. E21B 17/046 (2006.01) E21B 31/00 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **LINER HANGER/PACKER APPARATUS WITH PRESSURE BALANCE FEATURE ON ANCHOR SLIPS TO FACILITATE REMOVAL**
[54] **APPAREIL DE SUSPENSION/GARNITURE DE COLONNE PERDUE AVEC FONCTIONNALITE D'EQUILIBRAGE DE PRESSION SUR LES COINS D'ANCRAGE POUR FACILITER L'ENLEVEMENT**
[72] TOM, ANDY, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-06-25
[86] 2013-12-13 (PCT/US2013/074952)
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[25] EN
[54] **METHOD FOR LEACHING GOLD FROM GOLD ORE CONTAINING PYRITE**
[54] **PROCEDE POUR LA LIXIVIATION D'OR A PARTIR DE MINERAI D'OR CONTENANT DE LA PYRITE**
[72] HATANO, KAZUHIRO, JP
[72] AOTO, YUKI, JP
[72] NAKAMURA, TAKESHI, JP
[73] JX NIPPON MINING & METALS CORPORATION, JP
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[25] EN
[54] **POLYCRYSTALLINE SILICON DEPOSITION METHOD**
[54] **PROCEDE SERVANT A DEPOSER DU SILICIUM POLYCRISTALLIN**
[72] KLOSE, GORAN, DE
[72] KRAUS, HEINZ, DE
[72] WEISS, TOBIAS, DE
[73] WACKER CHEMIE AG, DE
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[25] EN
[54] **METHOD OF ELUTING GOLD AND SILVER AND METHOD OF RECOVERING GOLD AND SILVER USING THE SAME**
[54] **PROCEDE D'ELUTION D'OR ET D'ARGENT ET PROCEDE DE RECUPERATION D'OR ET D'ARGENT L'UTILISANT**
[72] HATANO, KAZUHIRO, JP
[72] KATSUKAWA, KOJI, JP
[72] ONO, EIKI, JP
[72] SANO, MASAKI, JP
[72] AOTO, YUKI, JP
[72] IMAGAWA, HARUE, JP
[73] JX NIPPON MINING & METALS CORPORATION, JP
[85] 2015-07-16
[86] 2013-02-28 (PCT/JP2013/055561)
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[51] **Int.Cl. C09K 8/80 (2006.01)**
[25] EN
[54] **RESIN COMPOSITION, COATED PARTICLES, INJECTION MATERIAL AND METHOD FOR INJECTING INJECTION MATERIAL INTO FRACTURE**
[54] **COMPOSITION DE RESINE, PARTICULES ENROBEES, MATERIEL D'INJECTION ET METHODE D'INJECTION DE MATERIEL DANS UNE FRACTURE**
[72] RAPPOLT, JAMES J., US
[72] SANTORELLI, MICHAEL, US
[72] MORI, MOTOKO, JP
[72] ASAMI, MASAKATSU, JP
[73] DUREZ CORPORATION, US
[73] SUMITOMO BAKELITE CO., LTD., JP
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[25] EN
[54] **UREA DERIVATIVES AND THEIR USE AS FATTY-ACID BINDING PROTEIN (FABP) INHIBITORS**
[54] **DERIVES D'UREE ET LEURS UTILISATIONS EN TANT QU'INHIBITEURS DE LA PROTEINE DE LIAISON A UN ACIDE GRAS (FABP)**
[72] BUETTELMANN, BERND, DE
[72] CECCARELLI, SIMONA M., CH
[72] CONTE, AURELIA, CH
[72] KUEHNE, HOLGER, DE
[72] KUHN, BERND, CH
[72] NEIDHART, WERNER, CH
[72] OBST SANDER, ULRIKE, CH
[72] RICHTER, HANS, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
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[25] EN
[54] **METHODS FOR TREATING A FERROUS METAL SUBSTRATE**
[54] **PROCEDES DE TRAITEMENT D'UN SUBSTRAT METALLIQUE FERREUX**
[72] VARGAS, RICHARD M., US
[72] MCINTYRE, JOHN F., US
[73] PPG INDUSTRIES OHIO, INC., US
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[25] EN
[54] **THROUGH FLOW VENTILATION SYSTEM FOR A POWER GENERATION TURBINE PACKAGE**
[54] **SYSTEME DE VENTILATION DE FLUX TRAVERSANT POUR ENSEMBLE TURBINE DE GENERATION DE COURANT**
[72] DAVIES, JAMES, GB
[72] DRURY, STEPHEN, GB
[72] WILDING, ANDREW, GB
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-07-22
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[54] **ENSEMBLE DIFFUSEUR A MULTIPLES COMPOSANTS**
[72] NGUYEN, HAI, H., US
[72] AVANT, MARCUS A., US
[72] GUILLORY, JEREMY J., US
[72] LAUDERDALE, DONALD P., US
[72] ROSENBLATT, STEVE, US
[73] BAKER HUGHES INCORPORATED, US
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[25] EN
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[54] **DISPOSITIF DE DISTRIBUTION**
[72] TEGBORG, LARS, SE
[72] SPIRA, JACK, SE
[73] SENSIDOSE AB, SE
[85] 2015-07-23
[86] 2014-01-24 (PCT/GB2014/050188)
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[51] **Int.Cl. G10L 15/06 (2013.01)**
[25] EN
[54] **METHOD AND DEVICE FOR ACOUSTIC LANGUAGE MODEL TRAINING**
[54] **PROCEDE ET DISPOSITIF D'APPRENTISSAGE DE MODELE DE LANGAGE ACOUSTIQUE**
[72] LU, DULING, CN
[72] LI, LU, CN
[72] RAO, FENG, CN
[72] CHEN, BO, CN
[72] LU, LI, CN
[72] ZHANG, XIANG, CN
[72] WANG, ERYU, CN
[72] YUE, SHUAI, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
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[25] EN
[54] **FERROUS DISINTEGRABLE POWDER COMPACT, METHOD OF MAKING AND ARTICLE OF SAME**
[54] **POUDRE COMPACTE FERREUSE DESINTEGRABLE, PROCEDE DE FABRICATION ET ARTICLE DE CELLE-CI**
[72] XU, ZHIYUE, US
[72] ZHANG, ZHIHUI, US
[72] XU, YINGQING, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-07-29
[86] 2014-01-29 (PCT/US2014/013567)
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[25] EN
[54] **VENDOR TRAY AND METHOD FOR VENDING AT A LIVE EVENT**
[54] **PLATEAU DE DISTRIBUTION ET UNE METHODE DE DISTRIBUTION LORS D'UNE ACTIVITE**
[72] MONTMORENCY, NICOLAS, CA
[73] MONTMORENCY, NICOLAS, CA
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[87] (2900006)
[22] 2015-08-07
[30] US (62/042,835) 2014-08-28

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[51] **Int.Cl. B01J 37/02 (2006.01)**
[25] EN
[54] **CATALYST FOR ACTIVE HYDROGEN RECOMBINER AND PROCESS FOR MAKING THE CATALYST**
[54] **CATALYSEUR DESTINE A UN RECOMBINEUR D'HYDROGENE ACTIF ET PROCEDE DE FABRICATION DU CATALYSEUR**
[72] SZYNKARCZUK, JAREK, CA
[72] DICKOUT, LEIGH, CA
[72] ZAIDI, SYED SAMEEN, CA
[72] HU, YANING, CA
[73] CCI THERMAL TECHNOLOGIES INC., CA
[86] (2900777)
[87] (2900777)
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[51] **Int.Cl. F04C 2/08 (2006.01) F04C 15/00 (2006.01) F04C 27/00 (2006.01)**
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[54] **PISTON WITH REPLACEABLE AND/OR ADJUSTABLE SURFACES**
[54] **PISTON DOTE DE SURFACES REMPLACABLES ET/OU REGLABLES**
[72] RAMOS, ROLANDO NICO M., US
[72] HILLPERT, LEE, US
[72] BLODGETT, WILLIAM W., US
[73] LOBEPRO, INC., US
[85] 2015-08-13
[86] 2014-03-12 (PCT/US2014/024661)
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[51] **Int.Cl. B23K 35/00 (2006.01) B23K 35/02 (2006.01) B23K 35/22 (2006.01) B23K 35/30 (2006.01) B23K 35/34 (2006.01) B23K 35/40 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR LOW-MANGANESE WELDING ALLOYS**
[54] **SYSTEMES ET PROCEDES POUR DES ALLIAGES DE SOUDAGE A FAIBLE TENEUR EN MANGANESE**
[72] BARHORST, STEVEN EDWARD, US
[72] KRIEGER, KEVIN M., US
[72] BUNDY, JOSEPH C., US
[72] AMATA, MARIO ANTHONY, US
[72] DUNCAN, DARYL L., US
[72] FIORE, SUSAN RENATA, US
[73] HOBART BROTHERS COMPANY, US
[85] 2015-08-18
[86] 2014-05-02 (PCT/US2014/036507)
[87] (WO2014/182552)
[30] US (61/821,064) 2013-05-08
[30] US (14/265,750) 2014-04-30

[11] **2,902,691**
[13] C
[51] **Int.Cl. E21C 35/00 (2006.01) B60K 1/04 (2006.01) B60R 16/04 (2006.01)**
[25] EN
[54] **MINING MACHINE AND CHARGING STATION COMPRISING REFRIGERATION CIRCUITS**
[54] **MACHINE D'EXPLOITATION MINIERE ET POSTE DE RECHARGE COMPORTANT DES CIRCUITS DE REFRIGERATION**
[72] LINDHOLM, KARI, FI
[72] VARE, VILLE, FI
[72] KOUVO, MIKKO, FI
[73] SANDVIK MINING AND CONSTRUCTION OY, FI
[86] (2902691)
[87] (2902691)
[22] 2015-09-02
[30] EP (14192036.3) 2014-11-06

[11] **2,903,321**
[13] C
[51] **Int.Cl. A63G 21/18 (2006.01) A63K 3/02 (2006.01)**
[25] EN
[54] **LAUNCHER FOR A SLIDE AS WELL AS METHOD FOR LAUNCHING A SLIDE RUN IN A SLIDE CHUTE**
[54] **DISPOSITIF DE DEPART POUR UN TOBOGGAN AINSI QUE PROCEDE DE DEPART D'UNE DESCENTE SUR UN CIRCUIT DE TOBOGGAN**
[72] BRAUN, RAINER, DE
[73] AQUARENA HOLDING GMBH, DE
[85] 2015-09-01
[86] 2014-03-10 (PCT/EP2014/054541)
[87] (WO2014/146918)
[30] DE (10 2013 102 945.0) 2013-03-22

[11] **2,904,079**
[13] C
[51] **Int.Cl. C07D 471/08 (2006.01)**
[25] EN
[54] **A PROCESS FOR PREPARATION OF (2S,5R)-7-OXO-6-SULPHOOXY-2-[((3R)-PIPERIDINE-3-CARBONYL)-HYDRAZINO CARBONYL]-1,6-DIAZA-BICYCLO-[3.2.1]-OCTANE**
[54] **PROCEDE POUR LA PREPARATION DU (2S,5R)-7-OXO-6-SULFO-OXY-2-[((3R)-PIPERIDINE-3-CARBONYL)-HYDRAZINO CARBONYL]-1,6-DIAZA-BICYCLO-[3.2.1]-OCTANE**
[72] JOSHI, SANJEEV, IN
[72] WANKHEDE, KARUNA SURESH, IN
[72] JADHAV, SUNIL BHAGINATH, IN
[72] PAWAR, SHIVAJI SAMPATRAO, IN
[72] AHIRRAO, VINOD KASHINATH, IN
[72] BHAWSAR, SATISH, IN
[72] DESHPANDE, PRASAD KESHAV, IN
[72] YEOLE, RAVINDRA DATTATRAYA, IN
[72] PATEL, MAHESH VITHALBHAI, IN
[73] WOCKHARDT LIMITED, IN
[85] 2015-09-02
[86] 2013-10-12 (PCT/IB2013/059326)
[87] (WO2014/135931)
[30] IN (717/MUM/2013) 2013-03-08

[11] **2,904,878**
[13] C
[51] **Int.Cl. E01B 27/02 (2006.01)**
[25] EN
[54] **SEGMENTED RAILWAY REGULATOR BLADE**
[54] **LAME DE REGULATEUR DE VOIE FERREE SEGMENTEE**
[72] SULESKY, WILLIAM A., US
[73] NORDCO INC., US
[86] (2904878)
[87] (2904878)
[22] 2015-09-22
[30] US (14/493,895) 2014-09-23

[11] **2,906,866**
[13] C
[51] **Int.Cl. E04F 17/00 (2006.01) E04D 13/04 (2006.01)**
[25] EN
[54] **DECK DRAIN AND METHOD OF MANUFACTURE**
[54] **BONDE D'EVACUATION DE PONT ET SON PROCEDE DE FABRICATION**
[72] GUNTER, CHARLES E., US
[73] ABT, INC., US
[85] 2015-09-14
[86] 2014-03-17 (PCT/US2014/030452)
[87] (WO2014/145649)
[30] US (61/794,991) 2013-03-15

[11] **2,907,235**
[13] C
[51] **Int.Cl. E01B 29/32 (2006.01) E01B 29/10 (2006.01) E01B 29/22 (2006.01)**
[25] EN
[54] **PLATE-HANDLING SYSTEM INSERTING PLATE FROM GAGE SIDE**
[54] **MECANISME DE TRAITEMENT DE PLAQUE A INSERTION DE PLAQUE DU COTE CAGE**
[72] IRION, ALLAN, US
[73] NORDCO INC., US
[86] (2907235)
[87] (2907235)
[22] 2015-10-01
[30] US (62/086,272) 2014-12-02

[11] **2,907,251**
[13] C
[51] **Int.Cl. A23P 30/00 (2016.01) A21C 3/00 (2006.01) A21C 9/00 (2006.01)**
[25] EN
[54] **PROCESS FOR MANUFACTURING A PRODUCT INCLUDING STARCH BALL**
[54] **PROCEDE DE FABRICATION D'UN PRODUIT COMPORTANT UNE BOULE D'AMIDON**
[72] KUO, LIN-KUEI, TW
[73] KUO, LIN-KUEI, TW
[86] (2907251)
[87] (2907251)
[22] 2015-10-02

[11] **2,907,335**
[13] C
[51] **Int.Cl. B65B 3/00 (2006.01) A61J 1/14 (2006.01) A61J 1/20 (2006.01)**
[25] EN
[54] **CONTROLLED NON-CLASSIFIED FILLING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE REMPLISSAGE CONTROLE ET NON-CLASSIFIE**
[72] PY, DANIEL, US
[73] DR. PY INSTITUTE, LLC, US
[85] 2015-09-15
[86] 2014-03-15 (PCT/US2014/030052)
[87] (WO2014/145313)
[30] US (61/798,210) 2013-03-15

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[13] C
[51] **Int.Cl. E02F 3/815 (2006.01) E01B 27/02 (2006.01)**
[25] EN
[54] **ROADWORTHY RAIL BALLAST REGULATOR**
[54] **REGULATEUR DE BALLAST DE RAIL**
[72] BOYD, JAMES WILLIAM, US
[72] SPENCE, DAVID A., US
[72] PIPOL, JUSTIN JEROME, US
[72] THOMPSON, MICHAEL DAVID, US
[73] NORDCO INC., US
[86] (2907381)
[87] (2907381)
[22] 2015-10-08
[30] US (62/064,747) 2014-10-16
[30] US (14/856,178) 2015-09-16

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[13] C
[51] **Int.Cl. E04G 21/28 (2006.01) E04G 5/06 (2006.01) E04G 21/24 (2006.01)**
[25] EN
[54] **TRUSS GIRDER FOR A WEATHER PROTECTION ROOF AS WELL AS WEATHER PROTECTION ROOF WITH SEVERAL TRUSS GIRDERS**
[54] **POUTRE A TREILLIS POUR UN TOIT DE PROTECTION CONTRE LES INTEMPERIES ET TOIT DE PROTECTION CONTRE LES INTEMPERIES COMPORTANT PLUSIEURS POUTRES A TREILLIS**
[72] MAIER, MELANIE, DE
[72] LEDER, CHRISTIAN, DE
[72] KURTH, JURGEN, DE
[72] RUCHTI, BERND, DE
[73] PERI GMBH, DE
[85] 2015-10-09
[86] 2014-04-09 (PCT/EP2014/057183)
[87] (WO2014/167015)
[30] DE (10 2013 206 583.3) 2013-04-12

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[13] C
[51] **Int.Cl. B24D 3/34 (2006.01) A45D 29/04 (2006.01) A61B 17/54 (2006.01) A61C 3/06 (2006.01) B24D 7/00 (2006.01) B24D 11/00 (2006.01)**
[25] EN
[54] **ABRASIVE BODY**
[54] **CORPS ABRASIF**
[72] RUNDEN, BERNHARD, DE
[72] FISCHER, GERD, DE
[73] LUKAS-ERZETT VEREINIGTE SCHLEIF- UND FRASWERKZEUGFABRIKEN GMBH & CO. KG, DE
[85] 2015-10-09
[86] 2014-04-11 (PCT/EP2014/057418)
[87] (WO2014/167111)
[30] DE (10 2013 103 643.0) 2013-04-11

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[13] C
[51] **Int.Cl. B42D 15/04 (2006.01)**
[25] EN
[54] **GREETING CARDS WITH SUSPENDED MOTION**
[54] **CARTES DE SOUHAITS DOTEES DE MOUVEMENT SUSPENDU**
[72] BOGDANSKI, SHARON, US
[72] TALBOT, JOHN, US
[72] SHLONSKY, LYNNE, US
[72] SAPP, DAVE, US
[72] MAO, CHARLOTTE, US
[72] MARSH, ALLISON, US
[72] FORRESTER, NICOLE, US
[73] AMERICAN GREETINGS CORPORATION, US
[86] (2910298)
[87] (2910298)
[22] 2015-10-27
[30] US (62/069,364) 2014-10-28
[30] US (14/922,236) 2015-10-26

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[13] C
[51] **Int.Cl. E21B 49/08 (2006.01) E21B 21/01 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SPECIATING HYDROCARBONS**
[54] **METHODE ET APPAREIL DE SPECIATION D'HYDROCARBURES**
[72] DEGREEVE, JASON ALEXANDER, CA
[72] UNRAU, SEAN WILLIAM LYONS, CA
[72] VAN BEURDEN, MARCEAU ERNEST, CA
[72] VAN BEURDEN, RYAN HENRICUS, CA
[73] PASON SYSTEMS CORP., CA
[86] (2911112)
[87] (2911112)
[22] 2010-11-01
[62] 2,719,816
[30] US (61/355,951) 2010-06-17

[11] **2,911,809**
[13] C
[51] **Int.Cl. A47C 17/16 (2006.01)**
[25] EN
[54] **MULTI-LEVEL SOFA HINGE FOR SOFA CONVERTIBLE**
[54] **CHARNIERE DE CANAPE MULTINIVEAU DESTINE A UN CANAPE-LIT**
[72] KANTHASAMY, ABEDAN, MY
[73] LIFESTYLE SOLUTIONS, INC., US
[86] (2911809)
[87] (2911809)
[22] 2015-11-10
[30] US (14/731,905) 2015-06-05

[11] **2,911,888**
[13] C
[51] **Int.Cl. D04H 1/728 (2012.01) B82Y 30/00 (2011.01)**
[25] EN
[54] **HYBRID FELTS OF ELECTROSPUN NANOFIBERS**
[54] **FEUTRES HYBRIDES DE NANOFIBRES ELECTROFILEES**
[72] MENKHAUS, TODD, US
[72] FONG, HAO, US
[73] NANOPAREIL, LLC, US
[85] 2015-08-13
[86] 2013-02-14 (PCT/US2013/026233)
[87] (WO2014/126575)

[11] **2,912,846**
[13] C
[51] **Int.Cl. F16B 25/10 (2006.01) F16B 23/00 (2006.01) F16B 25/00 (2006.01)**
[25] EN
[54] **SCREW FOR AVOIDING CRACKS AND BURRS**
[54] **VIS SERVANT A EVITER LES FENTES ET LES BAVURES**
[72] LIN, CHAO-WEI, TW
[73] KWANTEX RESEARCH INC., TW
[86] (2912846)
[87] (2912846)
[22] 2015-11-23
[30] TW (104107855) 2015-03-11

[11] **2,913,258**
[13] C
[51] **Int.Cl. H04L 12/16 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **WI-FI ADMINISTRATION CONSOLE**
[54] **CONSOLE D'ADMINISTRATION WI-FI**
[72] TOKSVIG, MICHAEL JOHN MCKENZIE, US
[72] HUGHES, CHARLES J., US
[72] TSENG, ERICK, US
[73] FACEBOOK, INC., US
[85] 2015-11-23
[86] 2014-05-29 (PCT/US2014/039918)
[87] (WO2014/194029)
[30] US (13/906,784) 2013-05-31

[11] **2,913,519**
[13] C
[51] **Int.Cl. B29C 44/34 (2006.01) B29B 7/74 (2006.01) B29C 47/26 (2006.01)**
[25] EN
[54] **EXTRUSION PARISON HEAD FOR DISCONTINUOUS FOAMING**
[54] **TETE DE TUBE D'EXTRUSION POUR LE MOUSSAGE DISCONTINU**
[72] KNIPP, GUIDO, DE
[73] W. MULLER GMBH, DE
[85] 2015-11-25
[86] 2014-06-04 (PCT/EP2014/061533)
[87] (WO2014/195337)
[30] DE (10 2013 105 749.7) 2013-06-04

[11] **2,913,681**
[13] C
[51] **Int.Cl. H04L 12/723 (2013.01) H04L 12/715 (2013.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TAGGING PACKETS ROUTED TO CUSTOMER PREMISES DEVICES VIA CLUSTERS OF DEDICATED CUSTOMER INTERFACES**
[54] **PROCEDE ET SYSTEME D'ETIQUETAGE DE PAQUETS ROUTES VERS DES DISPOSITIFS DE LOCAUX D'ABONNES PAR LE BIAIS D'ENSEMBLES D'INTERFACES CLIENT DEDIEES**
[72] YEAP, TET HIN, CA
[72] ARIS, AZRIN, MY
[72] RAMLI, SITI SAWIAH, MY
[72] CHIA, CHING KING, MY
[72] AHSAN MISKAM, NURUL SHUHADA, MY
[72] YUSOF, ROHAYU, MY
[73] TELEKOM MALAYSIA BERHAD, MY
[86] (2913681)
[87] (2913681)
[22] 2009-06-26
[62] 2,740,881

[11] **2,913,738**
[13] C
[51] **Int.Cl. G01M 99/00 (2011.01) B25B 28/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR TESTING PRESSURE OF HYDRAULIC TOOLS**
[54] **DISPOSITIF ET PROCEDE DE TEST DE PRESSION D'OUTILS HYDRAULIQUES**
[72] PERRONE, MICHAEL, US
[73] PERRONE, MICHAEL, US
[85] 2015-11-26
[86] 2013-06-29 (PCT/US2013/048831)
[87] (WO2014/005133)
[30] US (61/665,918) 2012-06-29
[30] US (61/745,555) 2012-12-22

[11] **2,914,220**
[13] C
[51] **Int.Cl. B62B 3/10 (2006.01) A47L 13/51 (2006.01)**
[25] EN
[54] **CLEANING CART**
[54] **CHARIOT DE NETTOYAGE**
[72] EISENHUT, ANDREAS, DE
[72] RUECKHEIM, MARKUS, DE
[72] GRATZKI, TORSTEN, DE
[72] BARBER, STEVE, GB
[72] DEERBERG, JENS, DE
[73] CARL FREUDENBERG KG, DE
[85] 2015-12-02
[86] 2014-05-21 (PCT/EP2014/001370)
[87] (WO2015/003761)
[30] DE (10 2013 011 632.5) 2013-07-12

[11] **2,915,221**
[13] C
[51] **Int.Cl. C08J 9/40 (2006.01) B01J 13/00 (2006.01) C04B 28/00 (2006.01) C04B 28/24 (2006.01) C04B 38/00 (2006.01) E04B 1/74 (2006.01)**
[25] EN
[54] **COMPOSITE INSULATION INCLUDING INORGANIC AEROGEL AND MELAMINE FOAM**
[54] **MATERIAUX COMPOSITES ISOLANTS COMPRENANT UN AEROGEL INORGANIQUE ET UNE MOUSSE DE MELAMINE**
[72] BONNARDEL, PIERRE-ANTOINE, FR
[72] CHAUSSON, SOPHIE, FR
[72] GERARDIN, EMILIE, FR
[73] ASPEN AEROGELS, INC., US
[85] 2015-12-11
[86] 2014-06-13 (PCT/EP2014/062437)
[87] (WO2014/198931)
[30] FR (1355558) 2013-06-14

[11] **2,915,522**
[13] C
[51] **Int.Cl. B07B 1/18 (2006.01)**
[25] EN
[54] **PROFILED STRAINER BAR AND STRAINER MADE OF PROFILED STRAINER BARS**
[54] **BARRE DE TAMIS PROFILEE ET DISPOSITIF DE TAMISAGE A BARRES DE TAMIS PROFILEES**
[72] MICKELAT, THOMAS, DE
[72] REINSTEIN, MICHAEL, DE
[73] ANDRITZ FIEDLER GMBH, DE
[85] 2015-12-15
[86] 2014-08-14 (PCT/EP2014/002258)
[87] (WO2015/024648)
[30] DE (10 2013 013 907.4) 2013-08-20
[30] DE (10 2014 011 679.4) 2014-08-05

[11] **2,915,587**
[13] C
[51] **Int.Cl. B60L 5/00 (2006.01) E21C 33/00 (2006.01) H02J 7/00 (2006.01) H02J 9/00 (2006.01) H02P 25/02 (2016.01)**
[25] EN
[54] **MINING VEHICLE AND METHOD FOR ITS ENERGY SUPPLY**
[54] **VEHICULE MINIER ET PROCEDE D'ALIMENTATION EN ENERGIE DE CELUI-CI**
[72] KOUVO, MIKKO, FI
[72] KOUHIA, SAMULI, FI
[72] VERHO, SAMULI, FI
[72] VATANEN, HARRI, FI
[73] SANDVIK MINING AND CONSTRUCTION OY, FI
[86] (2915587)
[87] (2915587)
[22] 2015-12-18
[30] EP (14199556.3) 2014-12-22

[11] **2,916,123**
[13] C
[51] **Int.Cl. C21D 9/48 (2006.01) C21D 1/673 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PARTIALLY HARDENING SEMIFINISHED PRODUCTS**
[54] **PROCEDE ET DISPOSITIF PERMETTANT LE DURCISSEMENT PARTIEL DE DEMI-PRODUITS**
[72] SIKORA, SASCHA, DE
[72] GORSCHLUETER, JOERG, DE
[72] PIERONEK, DAVID, DE
[73] THYSSENKRUPP STEEL EUROPE AG, DE
[85] 2015-12-18
[86] 2014-07-18 (PCT/EP2014/065515)
[87] (WO2015/011051)
[30] DE (10 2013 108 046.4) 2013-07-26

[11] **2,917,280**
[13] C
[51] **Int.Cl. H04W 74/04 (2009.01) H04W 36/18 (2009.01) H04B 1/76 (2006.01)**
[25] EN
[54] **PILOT GROUPING AND ROUTE PROTOCOLS IN MULTI-CARRIER COMMUNICATION SYSTEMS**
[54] **GROUPAGE DE SIGNAUX PILOTES ET PROTOCOLES DE ROUTAGE DANS DES SYSTEMES DE COMMUNICATIONS MULTIPORTEUSES**
[72] BLACK, PETER JOHN, US
[73] QUALCOMM INCORPORATED, US
[86] (2917280)
[87] (2917280)
[22] 2006-09-22
[62] 2,786,705
[30] US (60/719,760) 2005-09-22
[30] US (11/523,959) 2006-09-19

[11] **2,918,517**
[13] C
[51] **Int.Cl. C10G 1/04 (2006.01) C02F 1/26 (2006.01)**
[25] EN
[54] **SUPERCRITICAL BITUMEN FROTH TREATMENT FROM OIL SAND**
[54] **TRAITEMENT DE MOUSSE DE BITUME SUPERCRITIQUE A PARTIR DE SABLES BITUMINEUX**
[72] BULBUC, DANIEL, CA
[72] CHUNG, KENG, CA
[72] CHILDS, DAVID, CA
[73] SYNCRUDE CANADA LTD., CA
[86] (2918517)
[87] (2918517)
[22] 2016-01-13
[30] US (62/103,436) 2015-01-14

[11] **2,919,612**
[13] C
[51] **Int.Cl. B01D 12/00 (2006.01) B01D 11/02 (2006.01) B01D 15/00 (2006.01) B01J 20/34 (2006.01) C02F 11/00 (2006.01) C02F 11/14 (2006.01)**
[25] EN
[54] **SOLID/LIQUID SEPARATION APPARATUS, AND METHOD FOR SAME**
[54] **APPAREIL DE SEPARATION SOLIDE/LIQUIDE, ET PROCEDE ASSOCIE**
[72] SANO, TADASHI, JP
[72] SEKIYA, SACHIO, JP
[73] HITACHI, LTD., JP
[85] 2016-01-27
[86] 2013-08-02 (PCT/JP2013/070962)
[87] (WO2015/015631)

[11] **2,921,050**
[13] C
[51] **Int.Cl. H01R 13/717 (2006.01) H01B 3/18 (2006.01) H01B 9/00 (2006.01) H01R 13/46 (2006.01) B23K 37/00 (2006.01)**
[25] EN
[54] **ELECTRIC CABLE FOR USE IN A WELDING DEVICE**
[54] **CABLE ELECTRIQUE DESTINE A UN APPAREIL DE SOUDAGE**
[72] MAYER-ROSA, MICHAEL, DE
[72] BAYER, THOMAS, DE
[72] KAMMERER, ANDREAS, DE
[73] BALLUFF GMBH, DE
[86] (2921050)
[87] (2921050)
[22] 2016-02-16
[30] DE (20 2015 102 166.6) 2015-04-29

[11] **2,921,059**
[13] C
[51] **Int.Cl. H01R 13/717 (2006.01) B23K 9/32 (2006.01) H01B 3/18 (2006.01) H01B 9/00 (2006.01) H01R 13/46 (2006.01)**
[25] EN
[54] **INSERT MOULDED CABLE FOR USE IN A WELDING DEVICE**
[54] **CABLE MOULE POUR INSERTION DESTINE A UN APPAREIL DE SOUDURE**
[72] MAYER-ROSA, MICHAEL, DE
[72] BAYER, THOMAS, DE
[72] KAMMERER, ANDREAS, DE
[73] BALLUFF GMBH, DE
[86] (2921059)
[87] (2921059)
[22] 2016-02-16
[30] DE (20 2015 102 167.4) 2015-04-29

[11] **2,921,184**
[13] C
[51] **Int.Cl. G01S 13/522 (2006.01)**
[25] EN
[54] **USING ORTHOGONAL SPACE PROJECTIONS TO GENERATE A CONSTANT FALSE ALARM RATE CONTROL PARAMETER**
[54] **UTILISATION DE PROJECTIONS DANS L'ESPACE ORTHOGONAL POUR GENERER UN PARAMETRE DE COMMANDE A TAUX CONSTANT DE FAUSSES ALARMES**
[72] HOLDER, ERNEST JEFFERSON, US
[73] PROPAGATION RESEARCH ASSOCIATES, INC., US
[86] (2921184)
[87] (2921184)
[22] 2015-12-29
[30] US (14/586,836) 2014-12-30

[11] **2,922,174**
[13] C
[51] **Int.Cl. H04N 21/234 (2011.01) H04N 21/236 (2011.01)**
[25] EN
[54] **APPARATUS FOR TRANSMITTING BROADCAST SIGNALS, APPARATUS FOR RECEIVING BROADCAST SIGNALS, METHOD FOR TRANSMITTING BROADCAST SIGNALS AND METHOD FOR RECEIVING BROADCAST SIGNALS**
[54] **APPAREIL D'EMISSION DE SIGNAUX DE DIFFUSION, APPAREIL DE RECEPTION DE SIGNAUX DE DIFFUSION, PROCEDE D'EMISSION DE SIGNAUX DE DIFFUSION ET PROCEDE DE RECEPTION DE SIGNAUX DE DIFFUSION**
[72] LEE, JANGWON, KR
[72] OH, SEJIN, KR
[72] MOON, KYOUNGSOO, KR
[72] KO, WOOSUK, KR
[72] HONG, SUNGRYONG, KR
[73] LG ELECTRONICS INC., KR
[85] 2016-02-22
[86] 2014-10-31 (PCT/KR2014/010367)
[87] (WO2015/065104)
[30] US (61/898,489) 2013-11-01

[11] **2,923,017**
[13] C
[51] **Int.Cl. G02B 6/12 (2006.01) G02B 6/30 (2006.01)**
[25] EN
[54] **OPTICAL-MICROWAVE-QUANTUM TRANSDUCER**
[54] **TRANSDUCTEUR QUANTIQUE A MICRO-ONDE OPTIQUE**
[72] PARK, JAE I., US
[73] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2016-03-02
[86] 2014-08-27 (PCT/US2014/052906)
[87] (WO2015/034721)
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[54] **CONNECTION OF AT LEAST FOUR ELECTRIC CONDUCTORS**
[54] **RACCORDEMENT D'AU MOINS QUATRE CONDUCTEURS ELECTRIQUES**
[72] HOPPE, JENS, DE
[72] LOPPACH, KARSTEN, DE
[72] WENDE, THOMAS, DE
[72] WIMMER, RENE MARTIN, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **MOTORCYCLE**
[54] **MOTOCYCLE**
[72] NISHIMOTO, TARO, JP
[72] INOUE, TAISHI, JP
[72] ISHIKAWA, AKIKO, JP
[73] HONDA MOTOR CO., LTD., JP
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[51] **Int.Cl. H04N 21/234 (2011.01) H04N 21/235 (2011.01) H04J 11/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR TRANSMITTING BROADCAST SIGNALS, APPARATUS FOR RECEIVING BROADCAST SIGNALS, METHOD FOR TRANSMITTING BROADCAST SIGNALS AND METHOD FOR RECEIVING BROADCAST SIGNALS**
[54] **APPAREIL DE TRANSMISSION DE SIGNAUX DE DIFFUSION, APPAREIL DE RECEPTION DE SIGNAUX DE DIFFUSION, PROCEDE DE TRANSMISSION DE SIGNAUX DE DIFFUSION ET PROCEDE DE RECEPTION DE SIGNAUX DE DIFFUSION**
[72] SHIN, JONGWOONG, KR
[72] KIM, JINWOO, KR
[72] KO, WOOSUK, KR
[72] HWANG, JAEHO, KR
[72] HONG, SUNGRYONG, KR
[73] LG ELECTRONICS INC., KR
[85] 2016-03-21
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[54] **APPARATUS AND METHOD FOR FORMING FIBRE REINFORCED COMPOSITE STRUCTURES**
[54] **APPAREIL ET PROCEDE POUR FORMER DES STRUCTURES COMPOSITES RENFORCEES PAR DES FIBRES**
[72] MILLAR, WILLIAM JAMES TREVOR, IE
[72] WILSON, ROBERT SAMUEL, IE
[72] MCCONNELL, JONATHAN JAMES, IE
[73] SHORT BROTHERS PLC, IE
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[54] **KIT DE COLLE DENTAIRE**
[72] NOJIRI, YAMATO, JP
[73] KURARAY NORITAKE DENTAL INC., JP
[85] 2016-03-31
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[54] **AUTHORIZATION OF SERVER OPERATIONS**
[54] **AUTORISATION D'OPERATIONS DE SERVEUR**
[72] BAENTSCH, MICHAEL, CH
[72] BUHLER, PETER, CH
[72] EIRICH, THOMAS, CH
[72] HERMANN, RETO, CH
[72] HOERING, FRANK, CH
[72] KRAMP, THORSTEN, CH
[72] KUYPER, MICHAEL P., CH
[72] WEIGOLD, THOMAS D., CH
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[86] (2926128)
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[25] EN
[54] **DENTIFRICE COMPOSITION COMPRISING ZINC OXIDE AND ZINC CITRATE**
[54] **COMPOSITIONS DE DENTIFRICE COMPRENANT DE L'OXYDE DE ZINC ET DU CITRATE DE ZINC**
[72] PRENCIPE, MICHAEL, US
[72] XU, YUN, CN
[72] HUANG, XIAO YI, CN
[72] FISHER, STEVEN, US
[72] WON, BETTY, US
[72] SCHAEFFER-KORBYLO, LYNDSAY, US
[73] COLGATE-PALMOLIVE COMPANY, US
[85] 2016-04-14
[86] 2014-12-19 (PCT/US2014/071335)
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[51] **Int.Cl. E21B 4/06 (2006.01) E21B 23/14 (2006.01)**
[25] EN
[54] **DOWN HOLE HARMONIC DRIVE TRANSMISSION**
[54] **TRANSMISSION A DEMULTIPLICATION HARMONIQUE DE FOND DE TROU**
[72] SNYDER, JOHN KENNETH, US
[72] HAY, RICHARD THOMAS, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-15
[86] 2013-11-22 (PCT/US2013/071471)
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[51] **Int.Cl. A61K 39/00 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CTL INDUCER COMPOSITION**
[54] **COMPOSITION INDUCTRICE DE LYMPHOCYTES T CYTOTOXIQUES**
[72] ITOH, KYOGO, JP
[72] SHICHIJO, SHIGEKI, JP
[72] YAMADA, AKIRA, JP
[73] BRIGHTPATH BIOTHERAPEUTICS CO., LTD., JP
[86] (2927770)
[87] (2927770)
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[25] EN
[54] **HOLE REPAIR DEVICE, KIT AND METHOD**
[54] **DISPOSITIF, KIT ET PROCEDE DE REPARATION DE TROUS**
[72] WANG, DANLI, US
[72] KUHL, MICHAEL E., US
[72] SCHOENHERR, DWIGHT B., US
[72] OLSON, JUDD D., US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2016-04-19
[86] 2015-06-10 (PCT/US2015/035053)
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[30] US (62/015,061) 2014-06-20
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[51] **Int.Cl. F26B 3/02 (2006.01) F26B 15/18 (2006.01)**
[25] EN
[54] **APPARATUS FOR DRYING COAL USING REHEAT STEAM**
[54] **APPAREIL DE SECHAGE DE CHARBON UTILISANT DE LA VAPEUR DE RECHAUFFEMENT**
[72] KIM, SUNG KON, KR
[73] HANKOOK TECHNOLOGY INC., KR
[85] 2016-04-19
[86] 2014-10-28 (PCT/KR2014/010159)
[87] (WO2015/064996)
[30] KR (10-2013-0129735) 2013-10-30

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[13] C
[51] **Int.Cl. F21S 10/04 (2006.01) F21K 9/00 (2016.01) F21V 23/00 (2015.01)**
[25] EN
[54] **IMITATION CANDLE AND FLAME SIMULATION ASSEMBLY THEREOF**
[54] **FAUSSE CHANDELLE ET ENSEMBLE DE SIMULATION DE FLAMME ASSOCIE**
[72] LI, XIAOFENG, CN
[73] LI, XIAOFENG, CN
[86] (2930065)
[87] (2930065)
[22] 2016-05-12
[30] CN (201620081309.2) 2016-01-27
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[51] **Int.Cl. B42F 13/26 (2006.01) B42F 13/22 (2006.01)**
[25] EN
[54] **SINGLE BOOSTER BINDER MECHANISM**
[54] **MECANISME RELIEUR A POUSSEUR UNIQUE**
[72] LE, SEAN L., US
[72] CARUSO, CATHLEEN D., US
[72] HAWLEY, KENNETH N., US
[72] NELSON, ERIC R., US
[72] CUSHING, ERIC J., US
[72] BERKHOUT, JACOBUS M., US
[72] WHITTALL, CHRIS, US
[72] KWAK, YONGJU, US
[72] HARDEN, DANIEL K., US
[72] MAKAY, MICKEY, US
[72] REYES, STAN, US
[72] SHEN, HARDY S., US
[73] CCL LABEL, INC., US
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[25] EN
[54] **DRIVING FORCE DISTRIBUTING DEVICE**
[54] **DISPOSITIF DE REPARTITION DE FORCE D'ENTRAINEMENT**
[72] TSUCHIHASHI, MAKOTO, JP
[72] FUJINUMA, SACHI, JP
[73] HONDA MOTOR CO., LTD., JP
[85] 2016-07-26
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[11] **2,941,538**
[13] C
[51] **Int.Cl. H04B 10/073 (2013.01) H04J 14/02 (2006.01)**
[25] EN
[54] **LINK SWITCHING METHOD, DEVICE, AND SYSTEM**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE COMMUTATION DE LIAISONS**
[72] YANG, HE, CN
[72] WANG, YIMING, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-09-02
[86] 2014-03-05 (PCT/CN2014/072935)
[87] (WO2015/131360)

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[13] C
[51] **Int.Cl. B62D 55/07 (2006.01) B62B 17/02 (2006.01)**
[25] EN
[54] **PIVOTABLE WHEEL ASSEMBLY FOR SNOWMOBILE SKI**
[54] **ASSEMBLAGE DE ROUE PIVOTANTE DESTINE A UN SKI DE MOTONEIGE**
[72] BEAUDOIN, DENIS, CA
[73] INVESTISSEMENTS D. BEAUDOIN INC., CA
[86] (2942701)
[87] (2942701)
[22] 2009-12-08
[62] 2,687,708
[30] CA (2,647,375) 2008-12-08

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[13] C
[51] **Int.Cl. H04W 12/04 (2009.01) H04W 36/00 (2009.01) H04W 84/12 (2009.01)**
[25] EN
[54] **PROTECTING WLCP MESSAGE EXCHANGE BETWEEN TWAG AND UE**
[54] **PROTECTION D'ECHANGE DE MESSAGES WLCP ENTRE TWAG ET UE**
[72] ROELAND, DINAND, SE
[72] ROMMER, STEFAN, SE
[72] NORRMAN, KARL, SE
[72] LEHTOVIRTA, VESA, FI
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2016-11-02
[86] 2015-04-15 (PCT/EP2015/058140)
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[13] C
[51] **Int.Cl. B21D 53/04 (2006.01) B21D 53/08 (2006.01) F28F 13/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONSTRUCTING ENGINEERED PACKING FOR HEAT EXCHANGE**
[54] **SYSTEMES ET PROCEDES DE CONSTRUCTION D'UN GARNISSAGE CONCU POUR L'ECHANGE DE CHALEUR**
[72] FEINSTEIN, JONATHAN JAY, US
[73] ZONEFLOW REACTOR TECHNOLOGIES, LLC, US
[85] 2016-12-01
[86] 2015-06-02 (PCT/US2015/033760)
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[30] US (14/297,210) 2014-06-05

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[13] C
[51] **Int.Cl. A63H 33/08 (2006.01) A63H 18/02 (2006.01) A63H 19/30 (2006.01) A63H 21/00 (2006.01)**
[25] EN
[54] **SURFACESCAPE FOR MULTI-DIMENSIONAL PLAY AND DISPLAY**
[54] **PHYSIONOMIE DE SURFACE POUR JEU ET PRESENTATION MULTIDIMENSIONNELS**
[72] KOSMO, JENNIFER LYNN, US
[73] KOSMO, JENNIFER LYNN, US
[85] 2016-12-09
[86] 2015-06-11 (PCT/US2015/035374)
[87] (WO2015/195462)
[30] US (14/308,435) 2014-06-18

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[13] C
[51] **Int.Cl. B63H 1/36 (2006.01) B63H 16/08 (2006.01)**
[25] EN
[54] **REVERSING PROPULSION DEVICE FOR WATERCRAFT**
[54] **DISPOSITIF DE PROPULSION A INVERSION POUR NAVIRE**
[72] KETTERMAN, GREGORY SCOTT, US
[72] CZARNOWSKI, JAMES TAYLOR, US
[72] KARDAS, JASON CHRISTOPHER, US
[72] DOW, PHILIP JAMES, US
[73] HOBIE CAT COMPANY, A MISSOURI CORPORATION, US
[86] (2953968)
[87] (2953968)
[22] 2013-11-04
[62] 2,888,067
[30] US (61/725,642) 2012-11-13
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[13] C
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[25] EN
[54] **A POLYMER BASED ON A MALTODEXTRIN FOR ENCAPSULATING ORGANIC COMPOUNDS**
[54] **POLYMERE A BASE D'UNE MALTODEXTRINE POUR L'ENCAPSULATION DE COMPOSES ORGANIQUES**
[72] TROTTA, FRANCESCO, IT
[72] FOSSATI, ERNESTO, IT
[73] ROQUETTE ITALIA S.P.A., IT
[85] 2017-01-04
[86] 2014-07-07 (PCT/EP2014/064466)
[87] (WO2016/004974)

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[51] **Int.Cl. B60G 11/113 (2006.01) F16F 1/26 (2006.01)**
[25] EN
[54] **ISOLATED SPRING CLAMP GROUP**
[54] **ENSEMBLE DE PINCE A RESSORT ISOLE**
[72] DUDDING, ASHLEY T., US
[72] WILSON, WILLIAM, US
[72] COLLYER, BRENT, US
[72] CORTEZ, JEROME LIM, US
[72] WILLIAMS, PATRICK, US
[73] HENDRICKSON USA, L.L.C., US
[86] (2957852)
[87] (2957852)
[22] 2009-04-06
[62] 2,721,581
[30] US (12/103,086) 2008-04-15

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[51] **Int.Cl. B60G 11/10 (2006.01) B60G 11/02 (2006.01) F16F 1/26 (2006.01)**
[25] EN
[54] **ISOLATED SPRING CLAMP GROUP**
[54] **NOUVELLE DEMANDE EN COURS**
[72] DUDDING, ASHLEY T., US
[72] WILSON, WILLIAM, US
[72] COLLYER, BRENT, CA
[72] CORTEZ, JEROME LIM, US
[72] WILLIAMS, PATRICK, US
[73] HENDRICKSON USA, L.L.C., US
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[87] (2957864)
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[13] C
[51] **Int.Cl. H04W 4/06 (2009.01)**
[25] EN
[54] **CONFERENCE MANAGEMENT SYSTEM, CONFERENCE MANAGEMENT DEVICE, WIRELESS TERMINAL, CONFERENCE MANAGEMENT METHOD, AND CONFERENCE MANAGEMENT PROGRAM**
[54] **SYSTEME DE GESTION DE CONFERENCE, APPAREIL DE GESTION DE CONFERENCE, TERMINAL SANS FIL, METHODE DE GESTION DE CONFERENCE ET PROGRAMME DE GESTION DE CONFERENCE**
[72] SHIOTA, SHINSUKE, JP
[73] NEC PLATFORMS, LTD., JP
[85] 2017-02-22
[86] 2016-09-29 (PCT/JP2016/078900)
[87] (2958657)
[30] JP (2015-206845) 2015-10-21

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[13] C
[51] **Int.Cl. C09K 8/00 (2006.01) E21B 43/00 (2006.01)**
[25] EN
[54] **HIGH-PERFORMANCE AQUEOUS-PHASE POLYMER FLUID FOR DRILLING WELLBORES IN LOW-GRADIENT FORMATIONS**
[54] **FLUIDE POLYMERE A HAUTE PERFORMANCE EN PHASE AQUEUSE, POUR LE FORAGE DE PUITS EN FORMATIONS DE FAIBLE PENTE**
[72] FERRUSQUIA HERNANDEZ, CARLOS, MX
[73] TECNOLOGIA INTEGRAL EN FLUIDOS DE PERFORACION S.A. DE C.V., MX
[85] 2017-03-08
[86] 2015-09-08 (PCT/MX2015/000124)
[87] (WO2016/039611)
[30] MX (MX/a/2014/010736) 2014-09-08

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[51] **Int.Cl. B60R 11/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR A MOUNTABLE ELECTRONIC DEVICE HOLDER**
[54] **SYSTEMES ET PROCEDES POUR UN SUPPORT DE DISPOSITIF ELECTRONIQUE POUVANT ETRE MONTE**
[72] ORMSBEE, BOWDEN, US
[72] ADELMAN, GREGORY M., US
[72] CORE, IAN M., US
[73] NITE IZE, INC., US
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[51] **Int.Cl. C08L 97/02 (2006.01) C08J 5/04 (2006.01) C08L 21/00 (2006.01)**
[25] EN
[54] **COCONUT FIBER/STRAW/SUGARCANE HUSK (BAGASSE) BONDED RUBBER**
[54] **CAOUTCHOUC LIE FAIT DE FIBRE/PAILLE/ECORCE DE CANNE A SUCRE (BAGASSE)**
[72] VOON, GERARD G. V., CA
[71] VOON, GERARD G. V., CA
[22] 2016-03-09
[41] 2017-09-09

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[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SOYBEAN VARIETY XB28AB15R**
[54] **VARIETE DE SOJA XB28AB15R**
[72] KALLEM, RANDY LEROY, US
[72] SALOIS, CATLYNN GAIL, US
[72] STREIT, LEON GEORGE, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2016-03-03
[41] 2017-09-03

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[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SOYBEAN VARIETY XB07AB15R**
[54] **VARIETE DE SOJA XB07AB15R**
[72] KRASHENINNIK, NADIA NIKOLAYEVNA, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2016-03-03
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[25] EN
[54] **SOYBEAN VARIETY XB006F15R**
[54] **VARIETE DE SOJA XB006F15R**
[72] KRASHENINNIK, NADIA NIKOLAYEVNA, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2016-03-03
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[25] EN
[54] **SOYBEAN VARIETY XB006E15R**
[54] **VARIETE DE SOJA XB006E15R**
[72] KRASHENINNIK, NADIA NIKOLAYEVNA, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2016-03-03
[41] 2017-09-03

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[25] EN
[54] **SOYBEAN VARIETY XB11V15R**
[54] **VARIETE DE SOJA XB11V15R**
[72] KRASHENINNIK, NADIA NIKOLAYEVNA, US
[72] VAN HERK, JOHN GERARD, CA
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2016-03-03
[41] 2017-09-03

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[13] A1
[51] **Int.Cl. E02F 3/88 (2006.01) E21C 37/12 (2006.01)**
[25] EN
[54] **AIR DISTRIBUTING MANIFOLD FOR A HYDROVAC TANK**
[54] **COLLECTEUR DE DISTRIBUTION D'AIR DESTINE A UN RESERVOIR D'HYDROASPIRATION**
[72] MCCAFFREY, ROBIN MICHAEL, CA
[72] ROLLINS, BILL, CA
[71] EMPIRE IRON WORKS LTD., CA
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[54] **COUPLING APPARATUS FOR A FLOOR DRAIN AND METHOD OF USE**
[54] **APPAREILLAGE DE RACCORDEMENT DESTINE A UN DRAIN DE PLANCHER ET METHODE D'UTILISATION**
[72] OLSSON, CHRISTER, CA
[71] OLSSON, CHRISTER, CA
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[54] **SPORTS BOARD ENHANCEMENT SYSTEM**
[54] **DISPOSITIF DE REHAUSSEMENT DE PLANCHE DE SPORT**
[72] TOMER, DAVID, US
[71] IMEDGEBOARDS LLC, US
[22] 2016-03-03
[41] 2017-09-03

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[54] **METHOD AND APPARATUS FOR MIXING FIREFIGHTING POLYMER**
[54] **METHODES ET APPAREIL DE MELANGE DE POLYMERES DE LUTTE CONTRE L'INCENDIE**
[72] SOLOMON, RICK, CA
[71] DIRECT FIRE SUPPRESSION INC., CA
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[25] EN
[54] **GASEOUS FLUID CONDITIONING MODULE**
[54] **MODULE DE CONDITIONNEMENT DE FLUIDE GAZEUX**
[72] TEN BROEKE, SEBASTIAAN M.E., NL
[72] FAASSEN, ANTONIUS T.A., NL
[72] EXALTO, RAY A., NL
[72] VISSCHER, JEROEN, NL
[72] VAN SWAM, DAVE, NL
[71] PRINS AUTOGASSYSTEMEN B.V., NL
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[54] **LIGHT CABLE SAFETY SLEEVE**
[54] **MANCHON DE SECURITE DE CABLE LUMINEUX**
[72] VAN DEN BRINK, LISA M., CA
[72] COPP, DYANA L., CA
[71] VAN DEN BRINK, LISA M., CA
[71] COPP, DYANA L., CA
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[54] **SOLID RESIDUE SOLUTION**
[54] **SOLUTION DE RESIDU SOLIDE**
[72] LEDO PEREZ, DAVID, CA
[71] LEDO PEREZ, DAVID, CA
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[25] EN
[54] **STIMULATION SYSTEMS AND METHODS**
[54] **SYSTEMES DE STIMULATION ET METHODES**
[72] COMSA, RADU-MIRCEA, RO
[72] BADEA, ANDREEA-GABRIELA, FR
[71] COMSA, RADU-MIRCEA, RO
[71] BADEA, ANDREEA-GABRIELA, FR
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[54] **RATCHET CHAIN BINDER**
[54] **CHAINE D'ATTACHE DE ROCHET**
[72] CHOU, YEH-CHIEN, TW
[71] STRONG YUN INDUSTRIAL CO., LTD., TW
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[54] **GUIDE DE RACLEUR DE PIPELINE**
[72] WALTER, BRONISLAV, CA
[72] WALTER, SCOTT, CA
[71] WALTER, BRONISLAV, CA
[71] WALTER, SCOTT, CA
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[25] EN
[54] **MULTI PURPOSE ADDITIVE FOR COMBUSTION ENGINE**
[54] **ADDITIF MULTIUSAGE DESTINE A UN MOTEUR A COMBUSTION**
[72] MOUSA, WASEEM HUSSEIN ABDELKARIM, JO
[71] CMW 4TH DIMENSION ENTERPRISES LTD, CA
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[25] EN
[54] **DEVICE FOR HANDLING TIRES**
[54] **DISPOSITIF DE MANUTENTION DE PNEUS**
[72] GOOSSEN, DARCY, CA
[71] GOOSSEN, DARCY, CA
[22] 2016-03-08
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[54] **A NEW PROCESS FOR SEPARATING INGREDIENTS OF ELECTRONIC SCRAP**
[54] **UN NOUVEAU PROCEDE DE SEPARATION D'INGREDIENTS DE REBUT ELECTRONIQUE**
[72] NABI, GHULAM, CA
[71] NABI, GHULAM, CA
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[51] **Int.Cl. A61M 37/00 (2006.01)**
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[54] **TATTOO MACHINE ASSEMBLY AND METHOD OF USE**
[54] **APPAREIL DE TATOUAGE ET METHODE D'UTILISATION**
[72] ROBERTSON, ANDREW, CA
[72] HRUSHOWY, LANDRY, CA
[71] ROBERTSON, ANDREW, CA
[71] HRUSHOWY, LANDRY, CA
[22] 2016-03-07
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[25] EN
[54] **METHOD AND SYSTEM FOR INTEGRATION OF IN-SITU TREATMENT OF FLUID TAILINGS AND TAILINGS WATER IN TAILINGS POND**
[54] **METHODE ET SYSTEME D'INTEGRATION DE TRAITEMENT SUR PLACE DE RESIDUS FLUIDES ET EAU DE RESIDUS DANS LES BASSINS DE RESIDUS**
[72] LI, GUOHUI, CA
[71] LI, GUOHUI, CA
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[54] **SOLAR POWERED VEHICLE INTEGRATED BATTERY CHARGER**
[54] **CHARGEUR DE BATTERIE INTEGRE A UN VEHICULE A ENERGIE SOLAIRE**
[72] TAYLOR, KEVIN D., CA
[71] TAYLOR, KEVIN D., CA
[22] 2016-03-07
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[25] EN
[54] **BALLOON TYING AID**
[54] **DISPOSITIF D'AIDE D'ATTACHE DE BALLON**
[72] PLOUFFE, MARQUE, CA
[71] PLOUFFE, MARQUE, CA
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[25] EN
[54] **SLIDING DOOR LOCKING DEVICE**
[54] **MECANISME DE VERROUILLAGE DE PORTE COULISSANTE**
[72] WHITE, BRUCE, CA
[72] GAULD, CRAIG, CA
[72] MILLER, BRUCE, CA
[72] BETTS, RICHARD, CA
[71] PADIO SYSTEMS INC., CA
[22] 2016-03-09
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[25] EN
[54] **PICTURE/WALL HANGER**
[54] **CROCHET MURAL/PHOTO**
[72] BLAKE, ROBERT J., CA
[71] BLAKE, E. LORI E., CA
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[51] **Int.Cl. A01G 9/02 (2006.01) A01G 9/00 (2006.01) A01G 27/00 (2006.01) E04D 13/04 (2006.01)**
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[54] **PERMANENT FOUR SEASON SELF-WATERING FLAT GREEN ROOF**
[54] **TOIT VERT PLAT AUTO-ARROSANT PERMANENT QUATRE SAISONS**
[72] GOOS, RICHARD H., CA
[71] GOOS, RICHARD H., CA
[22] 2016-03-09
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[51] **Int.Cl. A47L 11/20 (2006.01) A47L 7/02 (2006.01) A47L 9/32 (2006.01)**
[25] EN
[54] **SUCTION SCRAPER DEVICE FOR PET HAIR REMOVER**
[54] **APPAREIL RACLEUR ASPIRANT DESTINE A L'ENLEVEMENT DES POILS D'ANIMAUX**
[72] DE SILVA, MAGDALENE L., CA
[71] DE SILVA, MAGDALENE L., CA
[22] 2016-03-08
[41] 2017-09-08

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[51] **Int.Cl. A45B 9/02 (2006.01) A63C 11/22 (2006.01) B25G 1/00 (2006.01) A61H 3/00 (2006.01)**
[25] EN
[54] **ERGONOMIC HANDLES FOR MOBILITY & REHABILITATION DEVICES**
[54] **POIGNEES ERGONOMIQUES DESTINEES A DES DISPOSITIFS DE MOBILITE ET DE REHABILITATION**
[72] SHINTANI, MANDY, CA
[72] CLENNETT, JOCELYN, CA
[72] OLIVER, DIANA, CA
[71] URBAN POLING INC., CA
[22] 2016-03-08
[41] 2017-09-08

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[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 10/10 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR EVENT SCHEDULING**
[54] **SYSTEMES ET METHODES DE PLANIFICATION D'EVENEMENT**
[72] TOOR, RAVINDER SINGH, CA
[71] TOOR, RAVINDER SINGH, CA
[22] 2016-03-08
[41] 2017-09-08

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[51] **Int.Cl. G09F 13/00 (2006.01) G09F 9/00 (2006.01) G09F 19/12 (2006.01)**
[25] EN
[54] **LIGHT-EMITTING SIGN APPARATUS**
[54] **APPAREIL DE SIGNALISATION EMETTANT DE LA LUMIERE**
[72] ARTEAU, PATRICE, CA
[72] BELANGER, LUC, CA
[72] LAFORCE, ROBERT, CA
[71] TRAFIC INNOVATION INC., CA
[22] 2016-03-09
[41] 2017-09-09

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[51] **Int.Cl. B05B 12/14 (2006.01)**
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[54] **ZERO WASTE COLOR CHANGE SYSTEM**
[54] **SYSTEME DE CHANGEMENT DE COULEUR NE PRODUISANT PAS DE DECHET**
[72] ROBERT, PIERRE-ALEXANDRE, CA
[71] PACCAR INC, US
[22] 2016-03-29
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[30] CA (2,922,742) 2016-03-04

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[51] **Int.Cl. B62D 53/06 (2006.01) B60P 3/00 (2006.01)**
[25] EN
[54] **A TRAILER**
[54] **UNE REMORQUE**
[72] FEROS, NICHOLAS, AU
[71] VINIDEX PTY LIMITED, AU
[22] 2016-04-08
[41] 2017-09-08
[30] AU (2016100252) 2016-03-08

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[54] **BUILDING FACADE SYSTEM**
[54] **SYSTEME DE FACADE DE BATIMENT**
[72] LEVAN, KURTIS E., US
[71] LEVAN, KURTIS E., US
[22] 2016-06-06
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[54] **ELECTRIC FIREPLACE INSERT WITH INTERCHANGEABLE FIREBOX MODULES**
[54] **INSERTION DE FOYER ELECTRIQUE A MODULE DE FOYER INTERCHANGEABLE**
[72] TAO, LETAO, US
[72] BAADE, JONELL, US
[72] KOHLER, PAUL ALBERT, US
[71] LF CENTENNIAL LIMITED, VG
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[30] US (62/306,059) 2016-03-09
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[25] EN
[54] **BEACON NETWORK FOR IDENTIFYING SHOPPER LOCATIONS AND PROVIDING ENHANCED SHOPPER SERVICES**
[54] **RESEAU DE BALISES SERVANT A IDENTIFIER LES EMPLACEMENTS D'ACHETEUR ET A FOURNIR DES SERVICES AMELIORES AUX ACHETEURS**
[72] NAJARI, AMIR, CA
[72] LEHOTSKY, DANIEL ADOLF, CA
[72] WU, CHRISTOPHER, CA
[71] SEIKO EPSON CORPORATION, JP
[22] 2016-11-01
[41] 2017-09-09
[30] US (15/064,863) 2016-03-09

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[25] EN
[54] **CONFIGURATION OF EQUIPMENT WITH RETAILER AND GEOLOCATION INFORMATION**
[54] **CONFIGURATION D'EQUIPEMENT A PARTIR D'INFORMATION DE DETAILLANT ET DE GEOLOCALISATION**
[72] LEHOTSKY, DANIEL ADOLF, CA
[72] NAJARI, AMIR, CA
[72] WU, CHRISTOPHER, CA
[71] SEIKO EPSON CORPORATION, JP
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[25] EN
[54] **GASEOUS FLUID CONDITIONING MODULE**
[54] **MODULE DE CONDITIONNEMENT DE FLUIDE GAZEUX**
[72] TEN BROEKE, SEBASTIAAN M. E., NL
[72] FAASSEN, ANTONIUS T. A., NL
[72] EXALTO, RAY A., NL
[72] VISSCHER, JEROEN, NL
[72] VAN SWAM, DAVE, NL
[71] PRINS AUTOGASSYSTEMEN B.V., NL
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[54] **HAZARDOUS EVENT ALERT SYSTEMS AND METHODS**
[54] **SYSTEMES D'ALERTE D'EVENEMENTS DANGEREUX ET METHODES**
[72] BRAMUCCI, JOSHUA M., US
[72] HENNIGES, BENJAMIN, US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
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[51] **Int.Cl. B61H 11/02 (2006.01) B61H 9/00 (2006.01) B61H 13/00 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD, AND APPARATUS FOR IMPROVING SAFETY OF ECP-EQUIPPED TRAINS WITH FLAMMABLE CARGO**
[54] **SYSTEME, METHODE ET APPAREIL D'AMELIORATION DE LA SECURITE DE TRAINS EQUIPES D'ECP RELATIVEMENT AUX MARCHANDISES INFLAMMABLES**
[72] NAYLOR, MICHAEL A., US
[72] GANGEMELLA, DONALD W., US
[72] KLEMANSKI, RICHARD S., US
[72] HAAS, CARL L., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
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[54] **A SEEDING TOOL**
[54] **UN OUTIL DE SEMENCE**
[72] RYAN, JOHN WILLIAM, AU
[71] AUSPLOW PTY. LTD., AU
[22] 2016-12-02
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[51] **Int.Cl. B23K 9/10 (2006.01) B23K 9/32 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO SWITCH A WELD POWER OUTPUT**
[54] **METHODES ET APPAREIL DE COMMUTATION D'UNE SORTIE DE COURANT DE SOUDURE**
[72] RYAN, JOSEPH ROBERT, US
[72] BYRNE, JAMES ANDREW, US
[72] ACHTNER, RICHARD MARK, US
[72] SALSICH, ANTHONY VAN BERGEN, US
[71] ILLINOIS TOOL WORKS INC., US
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[25] EN
[54] **DISPLACEMENT DETERMINATION PROGRAM, METHOD, AND INFORMATION PROCESSING APPARATUS**
[54] **PROGRAMME DE DETERMINATION DE DEPLACEMENT, METHODE ET APPAREIL DE TRAITEMENT DE L'INFORMATION**
[72] TOMIMORI, HIDEKI, JP
[72] NAKASHIMA, SATOSHI, JP
[71] FUJITSU LIMITED, JP
[22] 2017-01-17
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[54] **PRESSURE VESSEL WITH DOME SUPPORTED DIAPHRAGM**
[54] **RECIPIENT SOUS PRESSION A DIAPHRAGME SOUTENU PAR UN DOME**
[72] COGLIATI, MICHAEL, US
[72] VAN HAAREN, CHRISTOPHER A., US
[71] AMTROL LICENSING INC., US
[22] 2017-01-20
[41] 2017-09-09
[30] US (15/065,371) 2016-03-09

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[51] **Int.Cl. E02D 29/02 (2006.01)**
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[54] **MONOLITHIC RETAINING WALL**
[54] **MUR DE SOUTENEMENT MONOLITHIQUE**
[72] SIMONSON, ROBERT, CA
[71] EXCEL PROJECT MANAGEMENT LTD., CA
[22] 2017-01-24
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[25] EN
[54] **RADIO TRANSMITTER SYSTEM AND METHOD**
[54] **SYSTEME D'EMETTEUR RADIO ET METHODE**
[72] HERSHBERGER, DAVID LEE, US
[71] CONTINENTAL ELECTRONICS CORP., US
[22] 2017-01-26
[41] 2017-09-04
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[51] **Int.Cl. A01B 15/16 (2006.01) A01B 33/08 (2006.01)**
[25] EN
[54] **DISK GUARD SUPPORT**
[54] **SUPPORT DE PROTEGE-DISQUE**
[72] STEPHENSON, ROGER, US
[72] AESCHLIMAN, TODD, US
[72] NICHOLS, THOMAS, US
[71] DEERE & COMPANY, US
[22] 2017-02-01
[41] 2017-09-04
[30] US (62/303,423) 2016-03-04
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[51] **Int.Cl. A01D 34/82 (2006.01) A01D 34/74 (2006.01) A01D 34/81 (2006.01) A01D 34/66 (2006.01)**
[25] EN
[54] **JOINT FOR ROTARY CUTTERBAR**
[54] **JOINT DESTINE A UNE BARRE DE COUPE ROTATIVE**
[72] STEPHENSON, ROGER, US
[72] AESCHLIMAN, TODD, US
[72] NICHOLS, THOMAS, US
[71] DEERE & COMPANY, US
[22] 2017-02-02
[41] 2017-09-04
[30] US (62/303,430) 2016-03-04
[30] US (15/402,460) 2017-01-10

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[51] **Int.Cl. A01D 34/76 (2006.01) A01D 34/66 (2006.01)**
[25] EN
[54] **CUTTERBAR MODULE STRUCTURE**
[54] **STRUCTURE DE MODULE DE BARRE DE COUPE**
[72] STEPHENSON, ROGER, US
[72] AESCHLIMAN, TODD, US
[72] NICHOLS, THOMAS, US
[71] DEERE & COMPANY, US
[22] 2017-02-03
[41] 2017-09-04
[30] US (62/303,426) 2016-03-04
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[51] **Int.Cl. A01D 34/66 (2006.01) A01D 34/76 (2006.01)**
[25] EN
[54] **ROTARY CUTTERBAR MODULE END CAP**
[54] **CAPUCHON D'EXTREMITE DE MODULE DE BARRE DE COUPE ROTATIVE**
[72] STEPHENSON, ROGER, US
[72] AESCHLIMAN, TODD, US
[72] NICHOLS, THOMAS, US
[71] DEERE & COMPANY, US
[22] 2017-02-03
[41] 2017-09-04
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[30] US (15/402,481) 2017-01-10

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[51] **Int.Cl. A01D 34/71 (2006.01) A01D 34/66 (2006.01) A01D 43/00 (2006.01) F16C 33/80 (2006.01)**
[25] EN
[54] **DEBRIS DIVERTER FOR ROTARY CUTTERBAR**
[54] **DEFLECTEUR DE DEBRIS DESTINE A UNE BARRE DE COUPE ROTATIVE**
[72] STEPHENSON, ROGER, US
[71] DEERE & COMPANY, US
[22] 2017-02-03
[41] 2017-09-04
[30] US (62/303,438) 2016-03-04
[30] US (15/402,448) 2017-01-10

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[13] A1
[51] **Int.Cl. F01D 9/04 (2006.01) F01D 11/08 (2006.01) F01D 11/24 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH COMPLIANT LAYER FOR TURBINE SHROUD MOUNTS**
[54] **TURBINE A GAZ A COUCHE CONFORME DESTINEE A DES FIXATIONS DE CARENAGE DE TURBINE**
[72] VETTERS, DANIEL K., US
[72] PETTY, JACK D., US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2017-02-07
[41] 2017-09-09
[30] US (15/065,256) 2016-03-09

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[13] A1
[51] **Int.Cl. G06K 9/62 (2006.01) G06K 9/46 (2006.01) G06N 3/02 (2006.01)**
[25] EN
[54] **HYBRID DETECTION RECOGNITION SYSTEM**
[54] **SYSTEME DE RECONNAISSANCE ET DETECTION HYBRIDE**
[72] KWON, JUNGHYUN, US
[72] NARASIMHA, RAMYA, US
[72] SCHWARTZ, EDWARD L., US
[72] MCFARLAND, MAX, US
[72] SAVARESE, SILVIO, US
[72] BERKNER, KATHRIN, US
[71] RICOH COMPANY, LTD., JP
[22] 2017-02-09
[41] 2017-09-07
[30] US (62/304,713) 2016-03-07
[30] US (15/199,553) 2016-06-30

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[51] **Int.Cl. G06F 21/00 (2013.01) G06F 12/14 (2006.01)**
[25] EN
[54] **HYPERVISOR-BASED INTERCEPTION OF MEMORY ACCESSES**
[54] **INERCEPTION D'ACCES MEMOIRE FONDEE SUR UN HYPERVISEUR**
[72] IONESCU, ION-ALEXANDRU, US
[71] CROWDSTRIKE, INC., US
[22] 2017-02-07
[41] 2017-09-07
[30] US (15/063,086) 2016-03-07

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[13] A1
[51] **Int.Cl. E04F 15/00 (2006.01) E04F 15/02 (2006.01)**
[25] EN
[54] **TILING LAMINATE, PROCESS AND USE**
[54] **LAMELLE DE CARRELAGE, PROCEDE ET UTILISATION**
[72] KRAUSZ, GABRIEL, CA
[71] KABLAN DEVELOPMENTS INC., CA
[22] 2017-02-09
[41] 2017-09-04
[30] US (62/303,664) 2016-03-04

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[13] A1
[51] **Int.Cl. B25B 11/00 (2006.01) F03D 13/00 (2016.01) F03D 80/50 (2016.01) B66C 1/18 (2006.01) F16D 1/04 (2006.01) F16D 1/08 (2006.01) F16M 11/00 (2006.01)**
[25] EN
[54] **A HOIST TOOL FOR HANDLING A SHRINK ELEMENT OF A GEAR SYSTEM**
[54] **UN OUTIL DE LEVAGE DESTINE A MANIPULER UN ELEMENT REDUCTEUR D'UN MECANISME D'ENGRENAGE**
[72] FREEMAN, CASEY, US
[71] MOVENTAS GEARS OY, FI
[22] 2017-02-10
[41] 2017-09-04
[30] US (15/061,396) 2016-03-04

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[51] **Int.Cl. A61H 31/00 (2006.01) A61M 16/00 (2006.01)**
[25] FR
[54] **BREATHING ASSISTANCE DEVICE USED IN CARDIOPULMONARY RESUSCITATION**
[54] **APPAREIL D'ASSISTANCE RESPIRATOIRE UTILISABLE EN REANIMATION CARDIO-PULMONAIRE**
[72] FOURNIER, MAXENCE, FR
[72] JACQUOT, ERIC, FR
[72] LIBARDI, MICKAEL, FR
[71] AIR LIQUIDE MEDICAL SYSTEMS, FR
[22] 2017-02-13
[41] 2017-09-07
[30] FR (16 51 885) 2016-03-07

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[51] **Int.Cl. H01F 27/26 (2006.01) B82Y 15/00 (2011.01) E05B 81/54 (2014.01) E05B 81/78 (2014.01) E05F 15/77 (2015.01) B60R 16/023 (2006.01) E05B 47/00 (2006.01) H01Q 1/36 (2006.01)**
[25] EN
[54] **ELONGATED FLEXIBLE INDUCTOR AND ELONGATED AND FLEXIBLE LOW-FREQUENCY ANTENNA**
[54] **INDUCTEUR FLEXIBLE ALLONGE ET ANTENNE BASSE FREQUENCE FLEXIBLE ET ALLONGEE**
[72] ROJAS CUEVAS, ANTONIO, ES
[72] NAVARRO PEREZ, FRANCISCO EZEQUIEL, ES
[72] CANETE CABEZA, CLAUDIO, ES
[71] PREMO, S.L., ES
[22] 2017-02-15
[41] 2017-09-04
[30] EP (16380004.8) 2016-03-04

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[13] A1
[51] **Int.Cl. B28D 7/04 (2006.01) B28D 1/02 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD OF HANDLING STONE SAMPLES**
[54] **DISPOSITIF ET METHODE DE MANIPULATION D'ECHANTILLONS DE ROCHE**
[72] KAHKONEN, MIKA, FI
[71] NURMEKSEN TYOSTO JA TARVIKE OY, FI
[22] 2017-02-15
[41] 2017-09-04
[30] FI (20165183) 2016-03-04

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[13] A1
[51] **Int.Cl. F02C 9/18 (2006.01) F01D 17/10 (2006.01) F02C 6/08 (2006.01)**
[25] EN
[54] **HIGH PRESSURE COMPRESSOR AUGMENTED BLEED WITH AUTONOMOUSLY ACTUATED VALVE**
[54] **PURGE AUGMENTEE PAR UN COMPRESSEUR HAUTE PRESSION A VANNE ACTIONNEE AUTOMATIQUEMENT**
[72] THOMAS, MICHAEL ANTHONY, JR., US
[72] MOECKEL, CURTIS WILLIAM, US
[72] FASIG, DAVID WILLIAM, US
[72] FLORES, CARLOS IVAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-16
[41] 2017-09-03
[30] US (15/059,716) 2016-03-03

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[13] A1
[51] **Int.Cl. H05B 6/02 (2006.01) H05B 6/06 (2006.01) H05K 5/06 (2006.01)**
[25] EN
[54] **MAGNETIC INDUCTIVE RAIL SWITCH HEATER**
[54] **CHAUFFE-COMMUTATEUR DE RAIL A INDUCTION MAGNETIQUE**
[72] JOHNSTON, JEFFREY ROSS, US
[71] JOHNSTON, JEFFREY ROSS, US
[22] 2017-02-16
[41] 2017-09-04
[30] US (15061795) 2016-03-04
[30] US (15062290) 2016-03-07

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[13] A1
[51] **Int.Cl. F02C 9/22 (2006.01) F01D 9/02 (2006.01) F01D 9/04 (2006.01)**
[25] EN
[54] **MODULATED HYBRID VARIABLE AREA TURBINE NOZZLE FOR GAS TURBINE ENGINE**
[54] **BUSE DE TURBINE A SURFACE VARIABLE HYBRIDE MODULEE DESTINEE A UNE TURBINE A GAZ**
[72] BENTLEY, DAVID TODD, US
[72] JOHNSON, CHRISTOPHER RYAN, US
[72] POWELL, BRANDON FLOWERS, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-16
[41] 2017-09-04
[30] US (15/060,876) 2016-03-04

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[51] **Int.Cl. C10G 2/00 (2006.01) C10L 3/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING SYNTHESIS GAS**
[54] **PROCEDE DE PRODUCTION DE GAZ SYNTHETIQUE**
[72] HEINZEL, ALBRECHT, DE
[72] MABROUK, RACHID, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[22] 2017-02-21
[41] 2017-09-08
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[51] **Int.Cl. B64C 25/02 (2006.01) B64C 25/10 (2006.01) B64C 25/26 (2006.01)**
[25] EN
[54] **AIRCRAFT LANDING GEAR ASSEMBLY**
[54] **DISPOSITIF DE TRAIN D'ATTERRISSAGE D'UN AERONEF**
[72] GREEN, CHRIS, GB
[72] GREEN, KAY, GB
[71] SAFRAN LANDING SYSTEMS UK LIMITED, GB
[22] 2017-02-21
[41] 2017-09-04
[30] EP (16158757.1) 2016-03-04

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[51] **Int.Cl. F16J 15/16 (2006.01) F16J 15/3284 (2016.01)**
[25] EN
[54] **SEAL RING FOR VEHICLES**
[54] **BAGUE D'ETANCHEITE DESTINEE A DES VEHICULES**
[72] IZUMI, MASAO, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-02-16
[41] 2017-09-03
[30] JP (JP2016-040582) 2016-03-03

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[13] A1
[51] **Int.Cl. E01C 23/088 (2006.01) E02F 9/28 (2006.01) E21C 35/197 (2006.01)**
[25] EN
[54] **BIT HOLDER (PICK) WITH SHORTENED SHANK AND ANGULAR DIFFERENTIAL BETWEEN THE SHANK AND BASE BLOCK BORE**
[54] **SUPPORT DE FORET (PIC) A TIGE RACCOURCIE ET DIFFERENTIEL ANGULAIRE ENTRE LA TIGE ET LE TROU DE BLOC DE BASE**
[72] SOLLAMI, PHILLIP, US
[71] THE SOLLAMI COMPANY, US
[22] 2017-02-23
[41] 2017-09-05
[30] US (62/304,169) 2016-03-05
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[13] A1
[51] **Int.Cl. E01C 23/08 (2006.01) E21C 25/18 (2006.01)**
[25] EN
[54] **BIT HOLDER WITH ENLARGED TIRE PORTION AND NARROWED BIT HOLDER BLOCK**
[54] **SUPPORT DE FORET A PORTION DE TIGE ELARGIE ET A BLOC DE SUPPORT DE FORET RETRECI**
[72] SOLLAMI, PHILLIP, US
[71] THE SOLLAMI COMPANY, US
[22] 2017-02-23
[41] 2017-09-07
[30] US (15/062,620) 2016-03-07

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[21] **2,958,752**
[13] A1
[51] **Int.Cl. F23D 14/84 (2006.01) F23D 14/46 (2006.01)**
[25] EN
[54] **GASEOUS FUEL-AIR BURNER HAVING A BLUFF BODY FLAME STABILIZER**
[54] **BRULEUR DE COMBUSTIBLE GAZEUX-AIR COMPORTANT UN STABILISATEUR DE FLAMME A CORPS NON PROFILE**
[72] GOH, JOSEPH, US
[72] PATTERSON, BRAD, US
[72] LOVETT, EDWARD, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-02-22
[41] 2017-09-08
[30] US (15/064,328) 2016-03-08

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[13] A1
[51] **Int.Cl. G01G 19/12 (2006.01) B60W 40/13 (2012.01) G01G 23/01 (2006.01)**
[25] EN
[54] **ONBOARD LOAD WEIGHT MEASUREMENT SYSTEM FOR VEHICLES, WITH A MULTIPOINT AUTOMATIC AND SEMI-AUTOMATIC CALIBRATION SYSTEM**
[54] **DISPOSITIF DE MESURE DE POIDS DE CHARGE EMBARQUEE DESTINE A DES VEHICULES, COMPORTANT UN MECANISME D'ETALONNAGE MULTIPOINT AUTOMATIQUE ET SEMI-AUTOMATIQUE**
[72] TOIGO, FREDERICO TIETBOHL, BR
[71] TOIGO IMPORTADORA E DISTRIBUIDORA DE SISTEMAS AUTOMOTIVOS LTDA., BR
[22] 2017-02-23
[41] 2017-09-04
[30] BR (BR102016004840-0) 2016-03-04

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[13] A1
[51] **Int.Cl. B64D 27/02 (2006.01) B64D 27/24 (2006.01) B64D 35/00 (2006.01)**
[25] EN
[54] **PROPULSION SYSTEM FOR AN AIRCRAFT**
[54] **SYSTEME DE PROPULSION DESTINE A UN AERONEF**
[72] VONDRELL, RANDY M., US
[72] POLAKOWSKI, MATTHEW RYAN, US
[72] MURROW, KURT DAVID, US
[72] CRABTREE, GLENN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-23
[41] 2017-09-07
[30] US (62/304,450) 2016-03-07
[30] US (15/245,257) 2016-08-24

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[51] **Int.Cl. H04W 4/12 (2009.01) B64D 47/00 (2006.01)**
[25] EN
[54] **AIRCRAFT MESSAGE ROUTING SYSTEM**
[54] **SYSTEME D'ACHEMINEMENT DE MESSAGE D'AERONEF**
[72] BOLLING, RANDY E., US
[72] STEFFLER, JOSEPH BERNARD, US
[72] GUIDOBONI, MICHAEL FRANCIS, US
[72] SANKAR, VENKAT, IN
[71] GE AVIATION SYSTEMS LLC, US
[22] 2017-02-23
[41] 2017-09-05
[30] IN (201641007779) 2016-03-05

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[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 25/12 (2006.01) F01D 25/24 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH AN OFFTAKE**
[54] **TURBINE A GAZ A CANAL DE REACTION**
[72] GUIJARRO VALENCIA, ANTONIO, DE
[72] MICHELASSI, VITTORIO, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-23
[41] 2017-09-09
[30] IT (102016000024825) 2016-03-09

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[13] A1
[51] **Int.Cl. G01M 15/14 (2006.01) F16H 57/01 (2012.01) F02C 7/36 (2006.01)**
[25] EN
[54] **ENGINE HEALTH MONITORING USING ACOUSTIC SENSORS**
[54] **SURVEILLANCE DE L'ETAT FONCTIONNEL D'UN MOTEUR AU MOYEN DE CAPTEURS ACOUSTIQUES**
[72] SCHMIDT, RICHARD, US
[72] DICKMAN, JOSEPH ROBERT, US
[72] KIRACOFE, DANIEL ROY, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-23
[41] 2017-09-08
[30] US (15/063,582) 2016-03-08

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[13] A1
[51] **Int.Cl. B05C 17/005 (2006.01) B05C 21/00 (2006.01) B28B 5/04 (2006.01) B28B 7/16 (2006.01) A61L 24/00 (2006.01)**
[25] EN
[54] **STORAGE AND MIXING SYSTEM FOR PASTY CEMENT COMPONENTS AND METHOD THEREFOR**
[54] **SYSTEME D'ENTREPOSAGE ET DE MELANGE DE COMPOSANTES DE CIMENT PATEUX ET METHODE ASSOCIEE**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[71] HERAEUS MEDICAL GMBH, DE
[22] 2017-02-23
[41] 2017-09-03
[30] DE (10 2016 103 816.4) 2016-03-03

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[13] A1
[51] **Int.Cl. C09D 11/52 (2014.01)**
[25] EN
[54] **SILVER NANOPARTICLE INK**
[54] **ENCRE A NANOPARTICULE D'ARGENT**
[72] SALAMI, PEDRAM, CA
[72] LIU, PING, CA
[72] ALLEN, C. GEOFFREY, CA
[72] CHOPRA, NAVEEN, CA
[72] HALFYARD, KURT I., CA
[71] XEROX CORPORATION, US
[22] 2017-02-21
[41] 2017-09-04
[30] US (15/061618) 2016-03-04

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[13] A1
[51] **Int.Cl. E21B 17/042 (2006.01)**
[25] EN
[54] **SUCKER ROD END**
[54] **EXTREMITE DE TIGE DE POMPAGE**
[72] LEVRINO, ALEJANDRO, AR
[72] PEREYRA, MATIAS GUSTAVO, AR
[72] ALEJANDRE, JESUS AARON ABARCA, MX
[71] TENARIS CONNECTIONS B.V., NL
[22] 2017-02-24
[41] 2017-09-04
[30] US (15/061,353) 2016-03-04

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[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) F21K 9/00 (2016.01) F21S 4/20 (2016.01) H03M 5/12 (2006.01)**
[25] EN
[54] **LED DRIVING SYSTEM WITH POWER TRANSMISSION PATH COINCIDED WITH DATA TRANSMISSION PATH**
[54] **MECANISME D'ENTRAINEMENT A DEL DOTE D'UN CHEMIN DE TRANSMISSION D'ALIMENTATION COINCIDANT AVEC UN CHEMIN DE TRANSMISSION DE DONNEES**
[72] LIN, FENGCHENG, CN
[72] GUO, WANGRUI, CN
[72] LIN, HAO, CN
[71] DONGGUAN CITY MINLEON ELECTRONICS CO., LTD., CN
[22] 2017-02-28
[41] 2017-09-03
[30] CN (201610119984.4) 2016-03-03

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[13] A1
[51] **Int.Cl. B26B 21/52 (2006.01) B26B 21/08 (2006.01)**
[25] EN
[54] **RAZOR HANDLE AND METHOD OF MANUFACTURE**
[54] **POIGNEE DE RASOIR ET METHODE DE FABRICATION**
[72] MARTIN, TEVIS KOLL, US
[72] NEWLIN, SCOTT, US
[72] BOEY, BRITTANIA, US
[71] HARRY'S, INC., US
[22] 2017-02-27
[41] 2017-09-04
[30] US (15/061,128) 2016-03-04

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[13] A1
[51] **Int.Cl. E03F 5/04 (2006.01) E03C 1/12 (2006.01) F16L 41/02 (2006.01) F16L 47/32 (2006.01)**
[25] EN
[54] **COUPLING APPARATUS FOR A FLOOR DRAIN AND METHOD OF USE**
[54] **APPAREILLAGE DE RACCORDEMENT DESTINE A UN DRAIN DE PLANCHER ET METHODE D'UTILISATION**
[72] OLSSON, CHRISTER, CA
[71] OLSSON, CHRISTER, CA
[22] 2017-03-01
[41] 2017-09-03
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[51] **Int.Cl. B65D 43/22 (2006.01) B65D 51/16 (2006.01)**
[25] EN
[54] **LID HAVING A DUAL CAMMED SEAL ARM ASSEMBLY**
[54] **COUVERCLE COMPORTANT UN DISPOSITIF DE BRAS D'ETANCHEITE A DOUBLE CAME**
[72] COON, ROBERT C., US
[72] GARFIELD, ALEXANDER, US
[71] IGNITE USA, LLC, US
[22] 2017-03-01
[41] 2017-09-03
[30] US (15/060,244) 2016-03-03

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[13] A1
[51] **Int.Cl. B65D 47/06 (2006.01) B65D 43/02 (2006.01) B65D 51/16 (2006.01)**
[25] EN
[54] **NO-SPILL DRINKING CONTAINER**
[54] **CONTENANT DE BOISSON ANTI DEVERSEMENT**
[72] COON, ROBERT C., US
[72] HURLEY, PAUL D., US
[71] IGNITE USA, LLC, US
[22] 2017-03-01
[41] 2017-09-03
[30] US (15/060,227) 2016-03-03

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[51] **Int.Cl. B65D 43/22 (2006.01) B65D 47/06 (2006.01)**
[25] EN
[54] **LID ASSEMBLY FOR A CONTAINER**
[54] **ENSEMBLE DE COUVERCLE POUR UN CONTENANT**
[72] MATTHIS, MARJAVIS J., US
[71] IGNITE USA, LLC, US
[22] 2017-03-01
[41] 2017-09-03
[30] US (15/060,580) 2016-03-03

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[51] **Int.Cl. B64D 47/00 (2006.01) H04W 84/02 (2009.01) B64F 5/60 (2017.01) G01M 15/00 (2006.01) G01M 15/14 (2006.01)**
[25] EN
[54] **WIRELESS ENGINE MONITORING SYSTEM FOR ENVIRONMENTAL EMISSION CONTROL AND AIRCRAFT NETWORKING**
[54] **SYSTEME DE SURVEILLANCE DE MOTEUR SANS FIL DESTINE AU CONTROLE DES EMISSIONS DANS L'ENVIRONNEMENT ET RESEAUTAGE D'AERONEF**
[72] ZIARNO, JAMES J., US
[71] HARRIS CORPORATION, US
[22] 2017-02-28
[41] 2017-09-08
[30] US (15/063,856) 2016-03-08

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[13] A1
[51] **Int.Cl. A45F 3/16 (2006.01) B65D 25/44 (2006.01)**
[25] EN
[54] **PORTABLE BEVERAGE CONTAINER FOR SERVING AND ENTERTAINING CHILDREN**
[54] **CONTENANT DE BOISSON PORTATIF DESTINE AU SERVICE ET AU DIVERTISSEMENT DES ENFANTS**
[72] COON, ROBERT C., US
[72] HURLEY, PAUL D., US
[71] IGNITE USA, LLC, US
[22] 2017-03-01
[41] 2017-09-04
[30] US (62/303,926) 2016-03-04

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[13] A1
[51] **Int.Cl. B65D 25/28 (2006.01)**
[25] EN
[54] **PORTABLE BEVERAGE CONTAINER WITH ROBUST, COLLAPSIBLE HANDLE**
[54] **CONTENANT DE BOISSON PORTATIF A POIGNEE ROBUSTE ET ECRASABLE**
[72] BOYER, CHRISTOPHER T., US
[72] COON, ROBERT C., US
[72] WASHBURN, BRYAN, US
[71] IGNITE USA, LLC, US
[22] 2017-03-01
[41] 2017-09-04
[30] US (62/303,942) 2016-03-04

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[13] A1
[51] **Int.Cl. B62B 5/00 (2006.01) G06Q 10/06 (2012.01) B62B 3/14 (2006.01)**
[25] EN
[54] **ASSIGNMENT OF A MOTORIZED PERSONAL ASSISTANCE APPARATUS**
[54] **ATTRIBUTION D'UN APPAREIL D'AIDE PERSONNELLE MOTORISE**
[72] HIGH, DONALD R., US
[72] WINKLE, DAVID C., US
[72] ATCHLEY, MICHAEL D., US
[71] WAL-MART STORES, INC., US
[22] 2017-03-01
[41] 2017-09-03
[30] US (62/303,021) 2016-03-03

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[13] A1
[51] **Int.Cl. A01K 1/035 (2006.01)**
[25] EN
[54] **COLLAPSIBLE PET BED WITH REMOVABLY ATTACHABLE COVER**
[54] **LIT ECRASABLE A REVETEMENT AMOVIBLE POUR ANIMAL DE COMPAGNIE**
[72] MILLER, BRENDA K., US
[71] FOCUS PRODUCTS GROUP INTERNATIONAL, LLC, US
[22] 2017-03-01
[41] 2017-09-08
[30] US (15/063,981) 2016-03-08
[30] US (15/138,762) 2016-04-26

[21] **2,959,779**
[13] A1
[51] **Int.Cl. A47K 11/10 (2006.01) A47L 13/29 (2006.01) A47L 13/44 (2006.01) A47L 13/46 (2006.01)**
[25] EN
[54] **SCISSOR-STYLE TOILET BRUSH**
[54] **BROSSE DE TOILETTE DE STYLE CISEAUX**
[72] LIBMAN, ANDREW D., US
[72] LIBMAN, AARON, US
[72] BOWMAN, VINCENT H., US
[72] LABANCO, SAM K., US
[72] MOURATIS, WILLIAM ANDREW, US
[72] KULUJIAN, CHRISTIAN J., US
[71] THE LIBMAN COMPANY, US
[22] 2017-03-02
[41] 2017-09-04
[30] US (62/303,786) 2016-03-04

[21] **2,959,780**
[13] A1
[51] **Int.Cl. H02M 1/08 (2006.01) H02M 3/04 (2006.01)**
[25] EN
[54] **CONTROL METHOD FOR POLYPHASE STEP-UP CONVERTER, AND POLYPHASE STEP-UP CONVERTER**
[54] **METHODE DE COMMANDE D'UN CONVERTISSEUR ELEVATEUR POLYPHASE ET CONVERTISSEUR ELEVATEUR POLYPHASE**
[72] HASUKA, YOSHINOBU, JP
[72] KAJIHATA, KAZUO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-03-02
[41] 2017-09-03
[30] JP (2016-041486) 2016-03-03

[21] **2,959,783**
[13] A1
[51] **Int.Cl. B65D 81/32 (2006.01) B65D 17/44 (2006.01)**
[25] EN
[54] **DISPENSABLE CONTAINMENT VESSEL AND DISPENSING SYSTEM**
[54] **RECIPIENT DE CONFINEMENT DISTRIBUTEUR ET SYSTEME DE DISTRIBUTION**
[72] EKKERT, LEN, US
[72] NICKERSON, DARREN, US
[72] STONEBERG, THOMAS, US
[71] PHOENIX CLOSURES, INC., US
[22] 2017-03-02
[41] 2017-09-09
[30] US (15/065,270) 2016-03-09

[21] **2,959,791**
[13] A1
[51] **Int.Cl. G01N 1/28 (2006.01) G01N 1/44 (2006.01) G01N 27/62 (2006.01) H01J 49/02 (2006.01)**
[25] EN
[54] **TEMPERATURE INFLUENCED CHEMICAL VAPORIZATION AND DETECTION OF COMPOUNDS HAVING LOW VOLATILITY**
[54] **VAPORISATION CHIMIQUE INFLUENCEE PAR LA TEMPERATURE ET DETECTION DE COMPOSES AYANT UNE FAIBLE VOLATILITE**
[72] VILKOV, ANDREY N., US
[72] WIDJAJA, JOSEPH A., US
[72] SYAGE, JACK A., US
[71] MORPHO DETECTION, LLC, US
[22] 2017-03-03
[41] 2017-09-08
[30] US (15/064,264) 2016-03-08

[21] **2,959,796**
[13] A1
[51] **Int.Cl. G01N 1/28 (2006.01) G01N 1/44 (2006.01) G01N 27/62 (2006.01) H01J 49/04 (2006.01)**
[25] EN
[54] **CHEMICAL VAPORIZATION AND DETECTION OF COMPOUNDS HAVING LOW VOLATILITY**
[54] **VAPORISATION CHIMIQUE ET DETECTION DE COMPOSES AYANT UNE FAIBLE VOLATILITE**
[72] VILKOV, ANDREY N., US
[72] WIDJAJA, JOSEPH A., US
[72] HANOLD, KARL A., US
[72] SYAGE, JACK A., US
[71] MORPHO DETECTION, LLC, US
[22] 2017-03-03
[41] 2017-09-08
[30] US (15/064,203) 2016-03-08

[21] **2,959,801**
[13] A1
[51] **Int.Cl. B60P 1/02 (2006.01) B60G 17/017 (2006.01) B60P 1/64 (2006.01) B62B 3/06 (2006.01) B65G 65/32 (2006.01) B65G 67/04 (2006.01) B66F 9/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR LOADING A CONTAINER FOR TRANSPORT**
[54] **SYSTEME ET METHODE DE CHARGEMENT D'UN CONTENEUR EN VUE DU TRANSPORT**
[72] REZVANIAN, CYRUS, CA
[71] 2222035 ONTARIO INC, CA
[22] 2017-03-03
[41] 2017-09-03
[30] US (62302865) 2016-03-03

[21] **2,959,818**
[13] A1
[51] **Int.Cl. F17C 1/04 (2006.01) F17C 13/00 (2006.01)**
[25] EN
[54] **SHROUD ASSEMBLY FOR A PORTABLE PRESSURIZED GAS CYLINDER**
[54] **ASSEMBLAGE D'ENVELOPPE POUR BONBONNE DE GAZ SOUS PRESSION PORTABLE**
[72] AGUIAR, CARLOS, PT
[72] PEDROSA, FILIPE, PT
[71] AMTROL LICENSING INC., US
[22] 2017-03-01
[41] 2017-09-07
[30] US (62/304,695) 2016-03-07

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[21] **2,959,825**
[13] A1
[51] **Int.Cl. B65D 21/06 (2006.01) B65D 21/032 (2006.01) B65D 43/16 (2006.01)**
[25] EN
[54] **NESTABLE HAMPER WITH MULTI-SEGMENTED LID**
[54] **PANIER A LINGE A COUVERCLE MULTISEGMENTE**
[72] BARRE, BERTRAND, FR
[72] LEPAGE, FRANCIS, FR
[71] NEATFREAK GROUP INC., CA
[22] 2017-03-03
[41] 2017-09-05
[30] US (62/304,171) 2016-03-05
[30] US (15/447,676) 2017-03-02

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[21] **2,959,827**
[13] A1
[51] **Int.Cl. B65D 51/28 (2006.01) B65D 25/30 (2006.01) B65D 43/02 (2006.01)**
[25] EN
[54] **FROZEN JUICE CONTAINER**
[54] **CONTENANT DE JUS CONGELE**
[72] BERTHELETTE, ANDRE, CA
[71] BERTHELETTE, ANDRE, CA
[22] 2017-03-03
[41] 2017-09-04
[30] US (62304091) 2016-03-04

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[21] **2,959,828**
[13] A1
[51] **Int.Cl. A47G 25/06 (2006.01)**
[25] EN
[54] **GARMENT RACK WITH ROTATABLE BUMPERS**
[54] **SUPPORT A VETEMENT DOTE DE PARECHOCS ROTATIFS**
[72] BARRE, BERTRAND, FR
[72] LEPAGE, FRANCIS, FR
[71] NEATFREAK GROUP INC., CA
[22] 2017-03-03
[41] 2017-09-04
[30] US (62/303,682) 2016-03-04
[30] US (15/447,840) 2017-03-02

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[21] **2,959,848**
[13] A1
[51] **Int.Cl. F16K 35/00 (2006.01) F16K 31/60 (2006.01) F17C 13/04 (2006.01)**
[25] FR
[54] **VALVE FOR PRESSURIZED FLUID**
[54] **ROBINET POUR FLUIDE SOUS PRESSION**
[72] FRENAL ANTOINE, FR
[72] ONDO, OLIVIER, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[22] 2017-03-01
[41] 2017-09-03
[30] FR (16 51 799) 2016-03-03

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[21] **2,959,851**
[13] A1
[51] **Int.Cl. B07B 1/30 (2006.01) E21B 21/01 (2006.01) E21B 21/06 (2006.01)**
[25] EN
[54] **GAS TIGHT SHALE SHAKER FOR ENHANCED DRILLING FLUID RECOVERY AND DRILLED SOLIDS WASHING**
[54] **TAMIS VIBRANT ETANCHE AU GAZ SERVANT A AMELIORER LA RECUPERATION DE FLUIDE DE FORAGE ET LE LESSIVAGE DES SOLIDES FORES**
[72] ROSS, STAN, CA
[72] PALMER, WENDELL, CA
[71] RECOVERY ENERGY SERVICES INC., CA
[22] 2017-03-02
[41] 2017-09-03
[30] US (60/303,169) 2016-03-03

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[21] **2,959,854**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) H04L 12/16 (2006.01) H04W 4/02 (2009.01)**
[25] EN
[54] **INTEREST BASED CONTENT DISTRIBUTION**
[54] **DISTRIBUTION DE CONTENU FONDE SUR L'INTERET**
[72] GIUNIO-ZORKIN, ALEXANDER M., CA
[71] TIC TALKING HOLDINGS INC., CA
[22] 2017-03-03
[41] 2017-09-03
[30] US (15/060,279) 2016-03-03
[30] US (62/330,546) 2016-05-02

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[21] **2,959,881**
[13] A1
[51] **Int.Cl. E21B 25/16 (2006.01) E21B 49/02 (2006.01)**
[25] EN
[54] **LOW RESISTANCE CORE SAMPLE MARKING SYSTEM AND METHOD FOR ORIENTATION OF A MARKED CORE SAMPLE**
[54] **SYSTEME DE MARQUAGE D'ECHANTILLON DE PIECE PLEINE A FAIBLE RESISTANCE ET METHODE D'ORIENTATION D'UN ECHANTILLON DE PIECE PLEINE MARQUE**
[72] JONSSON, LENNART, SE
[72] ERIKSEN, LARS A., NO
[72] LOVO, ARNSTEIN, NO
[72] LINDHJEM, RUNE, NO
[71] DEVICO AS, NO
[22] 2017-03-03
[41] 2017-09-04
[30] NO (20160384) 2016-03-04

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[21] **2,959,888**
[13] A1
[51] **Int.Cl. B60P 3/22 (2006.01)**
[25] EN
[54] **CARGO TANK ASSEMBLIES WITH GROUND LEVEL ACCESS**
[54] **ASSEMBLAGES DE RESERVOIR DE MARCHANDISE A ACCES AU NIVEAU DU SOL**
[72] CANNON, JOHN F., US
[71] WABASH NATIONAL, L.P., US
[22] 2017-03-03
[41] 2017-09-04
[30] US (62/303,751) 2016-03-04
[30] US (62/309,049) 2016-03-16
[30] US (15/447,808) 2017-03-02

[21] **2,959,891**
[13] A1
[51] **Int.Cl. A47L 9/24 (2006.01) A47L 5/24 (2006.01)**
[25] EN
[54] **ADJUSTABLE VACUUM TUBE CLAMP ASSEMBLY AND VACUUM CLEANERS INCLUDING SAME**
[54] **DISPOSITIF DE PINCE DU TUBE D'ASPIRATEUR AJUSTABLE ET ASPIRATEURS EQUIPES DUDIT DISPOSITIF**
[72] LUTZ, CHRISTOPHER, US
[72] HILL, JASON, US
[72] WILLIAMS, MATTHEW A., US
[72] COOLEY, NICHOLAS JAMES, US
[72] SCHULTZ, DOUGLAS C., US
[72] SANDERS, JEREMY, US
[71] EMERSON ELECTRIC CO., US
[22] 2017-03-03
[41] 2017-09-03
[30] US (62/303,179) 2016-03-03
[30] US (15/447,700) 2017-03-02

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[13] A1
[51] **Int.Cl. A47J 31/10 (2006.01) A47J 31/34 (2006.01) A47J 31/44 (2006.01)**
[25] EN
[54] **COFFEE MAKER AND CONTROL METHOD THEREOF**
[54] **CAFETIERE ET METHODE DE COMMANDE ASSOCIEE**
[72] WANG, DONGLEI, CN
[72] CHEN, XUEJUN, CN
[72] LAI, DONGPING, CN
[71] VESTA ELECTRICAL APPLIANCE MANUFACTURING (ZHONGSHAN) CO., LTD., CN
[22] 2017-03-03
[41] 2017-09-04
[30] CN (201610125732.2) 2016-03-04

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[21] **2,959,893**
[13] A1
[51] **Int.Cl. A63F 3/00 (2006.01)**
[25] EN
[54] **WORD-FORMING AND WORD-GUESSING GAME**
[54] **JEU DE FORMATION DE MOT ET DE DEVINETTE DE MOT**
[72] FECHSER, TED J., US
[71] THE UPPER DECK COMPANY, US
[22] 2017-03-03
[41] 2017-09-04
[30] US (62/303,840) 2016-03-04
[30] US (15/274,084) 2016-09-23

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[21] **2,959,896**
[13] A1
[51] **Int.Cl. F24F 13/02 (2006.01) F24D 5/00 (2006.01) F24D 19/00 (2006.01) F24H 9/12 (2006.01)**
[25] EN
[54] **AIR HANDLER AND INSERT FOR THE SAME**
[54] **APPAREIL DE TRAITEMENT DE L'AIR ET INSERTION DESTINEE AUDIT APPAREIL**
[72] HENDERSON, ROBERT BRUCE, CA
[71] HENDERSON, ROBERT BRUCE, CA
[22] 2017-03-06
[41] 2017-09-09
[30] US (15/065,394) 2016-03-09

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[21] **2,959,898**
[13] A1
[51] **Int.Cl. A01G 3/06 (2006.01) A01D 34/416 (2006.01) A01D 34/84 (2006.01) B65H 54/00 (2006.01) B65H 75/34 (2006.01)**
[25] EN
[54] **WINDING MECHANISM FOR A STRING TRIMMER HEAD**
[54] **MECANISME ENROULEUR DESTINE A UNE TETE DE DEBROUSSAILLEUSE**
[72] NOLIN, ERIC, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2017-03-03
[41] 2017-09-03
[30] US (62/302,983) 2016-03-03

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[21] **2,959,899**
[13] A1
[51] **Int.Cl. B62B 17/04 (2006.01) B62D 55/07 (2006.01)**
[25] EN
[54] **STABILIZER INSERT FOR A SNOWMOBILE**
[54] **INSERTION DE STABILISATEUR DESTINEE A UNE MOTONEIGE**
[72] BEAUDOIN, DENIS, CA
[71] INVESTISSEMENTS D. BEAUDOIN INC., CA
[22] 2017-03-03
[41] 2017-09-03
[30] US (62/303,195) 2016-03-03

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[21] **2,959,901**
[13] A1
[51] **Int.Cl. E21B 7/00 (2006.01)**
[25] EN
[54] **MODULAR DRILLING SYSTEM**
[54] **APPAREIL DE FORAGE MODULAIRE**
[72] MCLAREN, GORDON L., CA
[72] BRISSON, SYLVAIN, CA
[71] 8491844 CANADA CORP. O/A DRILLCO MINING AND EXPLO, CA
[22] 2017-03-03
[41] 2017-09-04
[30] US (62/303,706) 2016-03-04

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[21] **2,959,902**
[13] A1
[51] **Int.Cl. B63C 1/12 (2006.01) B63B 21/04 (2006.01) B63C 3/12 (2006.01) B63B 35/71 (2006.01)**
[25] EN
[54] **WATERCRAFT DOCKING STRUCTURE**
[54] **STRUCTURE DE MISE A QUAI D'EMBARCATION**
[72] LEVIN, KERRY, US
[71] DESIGNER DIRECT, INC., D/B/A LEVIN ASSOCIATES, US
[22] 2017-03-03
[41] 2017-09-03
[30] US (62302873) 2016-03-03
[30] US (15444366) 2017-02-28

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[21] **2,959,903**
[13] A1
[51] **Int.Cl. E03C 1/10 (2006.01) C02F 1/00 (2006.01) E03B 7/07 (2006.01) E03C 1/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FLUSHING A DRINKING WATER INSTALLATION**
[54] **SYSTEME ET METHODE DE CHASSE D'UNE INSTALLATION D'EAU POTABLE**
[72] BARTENSTEIN, PAUL, DE
[71] UPONOR INNOVATION AB, SE
[22] 2017-03-02
[41] 2017-09-03
[30] DE (102016103833.4) 2016-03-03

[21] **2,959,905**
[13] A1
[51] **Int.Cl. B65F 1/16 (2006.01) B65D 43/26 (2006.01) B65F 1/14 (2006.01)**
[25] EN
[54] **RECEPTACLE ASSEMBLIES WITH MOTION DAMPERS**
[54] **ENSEMBLES DE RECEPTACLES DOTES D'ATTENUATEURS DE MOUVEMENT**
[72] YANG, FRANK, US
[72] CHANG, DI-FONG, US
[72] RAPOPORT, ZACHARY, US
[72] SANDOR, JOSEPH, US
[71] SIMPLEHUMAN, LLC, US
[22] 2017-03-02
[41] 2017-09-03
[30] US (62/303,166) 2016-03-03

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[21] **2,959,906**
[13] A1
[51] **Int.Cl. A47G 33/06 (2006.01) H01R 35/00 (2006.01) H02J 4/00 (2006.01)**
[25] EN
[54] **POWERED TREE CONSTRUCTION**
[54] **CONSTRUCTION D'ARBRE ALIMENTE**
[72] OCEGUEDA GALLAGA, VICTOR HUGO, MX
[72] ZHANG, YIFENG, CN
[71] POLYGROUP MACAU LIMITED (BVI), VG
[22] 2017-03-02
[41] 2017-09-04
[30] US (62/303,521) 2016-03-04

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[21] **2,959,907**
[13] A1
[51] **Int.Cl. H04W 84/18 (2009.01) E02F 9/26 (2006.01) G01V 3/08 (2006.01) G01V 3/10 (2006.01)**
[25] EN
[54] **WIRELESS SENSOR NETWORK FOR DETECTING EQUIPMENT FAILURE**
[54] **RESEAU DE CAPTEUR SANS FIL SERVANT A DETECTER LA DEFAILLANCE D'EQUIPEMENT**
[72] HASSANEIN, HOSSAM S., CA
[72] ALMA'AITAH, ABDALLAH Y., JO
[72] OBAIA, KHALED, CA
[71] HASSANEIN, HOSSAM S., CA
[71] ALMA'AITAH, ABDALLAH Y., JO
[71] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA
[22] 2017-03-02
[41] 2017-09-03
[30] US (62/302,909) 2016-03-03

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[21] **2,959,917**
[13] A1
[51] **Int.Cl. C02F 1/00 (2006.01) B01F 13/00 (2006.01) C02F 3/00 (2006.01) C02F 3/28 (2006.01) C02F 11/04 (2006.01)**
[25] EN
[54] **MUNICIPAL MIXING WITH RECIPROCATING MOTION DISK**
[54] **MELANGEUR D'EAU MUNICIPALE A DISQUE A MOUVEMENT ALTERNATIF**
[72] GOLDHARDT, JAMES, US
[72] CHRISTIANSEN, HAYDON, US
[71] OVIVO INC., CA
[22] 2017-03-03
[41] 2017-09-04
[30] US (62/304,042) 2016-03-04

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[21] **2,959,918**
[13] A1
[51] **Int.Cl. C02F 11/12 (2006.01) C02F 11/00 (2006.01)**
[25] EN
[54] **SLUDGE BLENDING THICKENER**
[54] **EPAISSISSEUR DE MELANGE DE BOUE**
[72] HEIMDAL, TOR, US
[72] CLARK, RYAN, US
[72] HAWKINS, SCOTT, US
[72] VORWALLER, JOHN, US
[71] OVIVO INC., CA
[22] 2017-03-03
[41] 2017-09-04
[30] US (62/303,730) 2016-03-04

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[21] **2,959,920**
[13] A1
[51] **Int.Cl. G05B 19/406 (2006.01) G05B 19/402 (2006.01)**
[25] EN
[54] **DIRECT CLIENT INITIATED CNC TOOL SETTING**
[54] **PARAMETRE D'OUTIL A CONTROLE INFORMATIQUE ETABLI PAR LE CLIENT**
[72] CLEMENT, MIGUEL, CA
[72] MENARD, STEPHANE, CA
[72] BRUNEAU, DOMINIQUE, CA
[72] GABRIELS, DAVID, CA
[71] INOVATECH ENGINEERING CORPORATION, CA
[22] 2017-03-06
[41] 2017-09-04
[30] US (62/303,600) 2016-03-04

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[21] **2,959,921**
[13] A1
[51] **Int.Cl. B60P 1/43 (2006.01) B65G 67/04 (2006.01) B65G 69/28 (2006.01)**
[25] EN
[54] **RAMP DEVICE FOR LOADING AND UNLOADING VEHICLES**
[54] **DISPOSITIF DE RAMPE SERVANT AU CHARGEMENT ET AU DECHARGEMENT DE VEHICULES**
[72] DELANGHE, ERNEST J., US
[72] SEURER, RANDALL, US
[72] HANNEMAN, JOSEPH EDWARD, US
[72] DATHE, PAUL, US
[72] POTTER, STEVEN W., US
[71] CALIBER, INC., US
[22] 2017-03-06
[41] 2017-09-04
[30] US (62/303,835) 2016-03-04

[21] **2,959,929**
[13] A1
[51] **Int.Cl. E04G 5/00 (2006.01) E04G 5/06 (2006.01) E04G 5/10 (2006.01)**
[25] EN
[54] **SCAFFOLD ACCESSORIES**
[54] **ACCESSOIRES D'ECHAFAUDAGE**
[72] BEAULIEU, HENRI-PASCAL, CA
[71] BEAULIEU, HENRI-PASCAL, CA
[22] 2017-03-07
[41] 2017-09-09
[30] GB (1604080.0) 2016-03-09

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[21] **2,959,976**
[13] A1
[51] **Int.Cl. E02D 31/00 (2006.01) B09B 3/00 (2006.01)**
[25] EN
[54] **WASTE DISPOSAL CLOSURE SYSTEM**
[54] **MECANISME DE FERMETURE DE DISPOSITIF D'ELIMINATION DE DECHETS**
[72] FROH, RON, US
[72] BRIGGS, ALAN E., US
[72] CLAYTON, JAY, US
[71] COMMERCIAL LIABILITY PARTNERS, LLC, US
[71] KEY ENVIRONMENTAL, INC., US
[22] 2017-03-07
[41] 2017-09-08
[30] US (62/305,300) 2016-03-08
[30] US (62/457,577) 2017-02-10

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[21] **2,959,985**
[13] A1
[51] **Int.Cl. F21S 4/10 (2016.01) F21K 9/00 (2016.01) A47G 33/06 (2006.01) F21S 10/02 (2006.01) F21V 23/00 (2015.01) H05B 37/02 (2006.01)**
[25] EN
[54] **VARIABLE MULTI-COLOR LED LIGHT STRING AND CONTROLLER FOR AN ARTIFICAL TREE**
[54] **BANDE LUMINEUSE A DEL MULTICOLORE VARIABLE ET COMMANDE DESTINEES A UN ARBRE ARTIFICIEL**
[72] LEUNG, CHI YIN ALAN, HK
[72] KWOK, CHI KIN SAMUEL, CN
[71] POLYGROUP MACAU LIMITED (BVI), VG
[22] 2017-03-03
[41] 2017-09-04
[30] US (62/303,603) 2016-03-04

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[21] **2,960,006**
[13] A1
[51] **Int.Cl. A47K 3/28 (2006.01) A47B 47/00 (2006.01) A47G 29/08 (2006.01)**
[25] EN
[54] **SHELVING SYSTEM WITH OBSCURABLE SHELVING**
[54] **SYSTEME D'ETAGERE DOTE D'ETAGERE OBSCURCISSABLE**
[72] YANG, FRANK, US
[72] SANDOR, JOSEPH, US
[72] RAPOPORT, ZACHARY, US
[71] SIMPLEHUMAN, LLC, US
[22] 2017-03-03
[41] 2017-09-03
[30] US (15/060,057) 2016-03-03

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[21] **2,960,038**
[13] A1
[51] **Int.Cl. A61B 5/01 (2006.01) A61B 5/055 (2006.01) A61B 5/06 (2006.01) A61B 18/12 (2006.01)**
[25] EN
[54] **MAGNETIC RESONANCE THERMOMETRY DURING ABLATION**
[54] **THERMOMETRIE PAR RESONANCE MAGNETIQUE PENDANT L'ABLATION**
[72] GOVARI, ASSAF, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[72] EPHRATH, YARON, IL
[72] GLINER, VADIM, IL
[72] DROR, EYAL, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-03-06
[41] 2017-09-08
[30] US (62/305,026) 2016-03-08
[30] US (15/425,166) 2017-02-06

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[21] **2,960,040**
[13] A1
[51] **Int.Cl. A47J 31/06 (2006.01) A47J 31/10 (2006.01) B01D 35/02 (2006.01)**
[25] EN
[54] **REUSABLE FILTER CARTRIDGE FOR MULTIPLE BREWER TYPES**
[54] **CARTOUCHE DE FILTRE REUTILISABLE DESTINEE A PLUSIEURS TYPES D'INFUSEUR**
[72] DEMIGLIO, RONALD R., US
[71] EKO BRANDS, LLC, US
[22] 2017-03-06
[41] 2017-09-04
[30] US (15061082) 2016-03-04

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[51] **Int.Cl. C07C 45/41 (2006.01)**
[25] EN
[54] **PROCESSES FOR THE PREPARATION OF HYDROXYLATED CYCLOHEXYL COMPOUNDS**
[54] **PROCEDE DE PREPARATION DE COMPOSES CYCLOHEXYLES HYDROXYLATES**
[72] HUDLICKY, TOMAS, CA
[72] FROESE, JORDAN THOMAS, CA
[71] HUDLICKY, TOMAS, CA
[71] FROESE, JORDAN THOMAS, CA
[22] 2017-03-06
[41] 2017-09-04
[30] US (62/303,444) 2016-03-04

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[51] **Int.Cl. B60Q 11/00 (2006.01) B60K 35/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR VEHICLE SYSTEM DIAGNOSTICS, REPORTING, AND DOT COMPLIANCE**
[54] **SYSTEME ET METHODE DESTINES AU DIAGNOSTIC DE VEHICULE, A LA PRODUCTION DE RAPPORT ET A LA CONFORMITE AUX EXIGENCES REGLEMENTAIRES EN MATIERE DE TRANPORT**
[72] BALASUNDERAM, MURALY, US
[71] SPARTAN MOTORS, INC., US
[22] 2017-03-07
[41] 2017-09-08
[30] US (62/305,306) 2016-03-08

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[13] A1
[51] **Int.Cl. C02F 1/00 (2006.01)**
[25] EN
[54] **SUBMERGED CLARIFIER LAUNDER**
[54] **LESSIVEUR-CLARIFICATEUR SUBMERGE**
[72] VORWALLER, JOHN, US
[72] HEIMDAL, TOR, US
[72] CLARK, RYAN, US
[72] KLINE, TODD, US
[72] PETRONE, RALPH, US
[72] HUGO, BRUCE, US
[72] BEAMAN, TYSON, US
[71] OVIVO INC., CA
[22] 2017-03-06
[41] 2017-09-07
[30] US (15/063,397) 2016-03-07

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[13] A1
[51] **Int.Cl. H02B 1/14 (2006.01)**
[25] EN
[54] **RISK REDUCTION OF ELECTRICAL HAZARDS**
[54] **REDUCTION DU RISQUE DE DANGERS D'ELECTROCUTION**
[72] KUZNIAK, THEODORE ROBERT, CA
[72] ERWIED, JAMES BAXTER, CA
[72] KRAMER, MICHAEL HENDRIK, CA
[72] KUZNIAK, TODD ROBERT, CA
[72] MASSE, GARY JOSEPH, CA
[72] ZALESKI, JOSEPH EMIL, CA
[71] KUZNIAK, THEODORE ROBERT, CA
[71] ERWIED, JAMES BAXTER, CA
[71] KRAMER, MICHAEL HENDRIK, CA
[71] KUZNIAK, TODD ROBERT, CA
[71] MASSE, GARY JOSEPH, CA
[71] ZALESKI, JOSEPH EMIL, CA
[22] 2017-03-07
[41] 2017-09-09
[30] US (62/389,755) 2016-03-09
[30] US (15/444,717) 2017-02-28

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[51] **Int.Cl. E21B 21/06 (2006.01)**
[25] EN
[54] **INDUCTION HEATER FOR DRILLING CUTTINGS AND OTHER MATERIALS AND METHOD**
[54] **APPAREIL DE CHAUFFAGE A INDUCTION DESTINE AUX DEBLAIS DE FORAGE ET AUTRES MATERIAUX, ET METHODE**
[72] FOLK, ROBERT, CA
[72] LACHANCE, ADRIAN, CA
[71] ELECTRIC HORSEPOWER INC., CA
[22] 2017-03-07
[41] 2017-09-07
[30] US (62/304,897) 2016-03-07

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[13] A1
[51] **Int.Cl. F24F 13/32 (2006.01) F24F 13/30 (2006.01) F28F 9/007 (2006.01)**
[25] EN
[54] **MODULAR RACK FOR CLIMATE CONTROL SYSTEM**
[54] **SUPPORT MODULAIRE DESTINE A UN SYSTEME DE CONTROLE DU CLIMAT**
[72] MOHIDEEN, ABDUL KADER PEER, IN
[72] RAMASWAMY, SANDESH, IN
[72] RAJENDRAN, VINOTH, IN
[72] KUPPUSWAMY, JANAKIRAMAN, IN
[72] THOKUR, GANESH, IN
[72] USTURGE, OMKAR, IN
[72] JOSEPH, POLY, IN
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2017-03-07
[41] 2017-09-08
[30] US (15/063,717) 2016-03-08

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[13] A1
[51] **Int.Cl. A47J 37/06 (2006.01) A47J 37/07 (2006.01) A47J 37/10 (2006.01)**
[25] EN
[54] **TWO-TIER COOKING AND BASTING APPARATUS**
[54] **APPAREIL A DEUX PARTIES PERMETTANT DE CUIRE ET DE BADIGEONNER**
[72] MUNDT, JOHN, US
[71] MUNDT, JOHN, US
[22] 2017-03-03
[41] 2017-09-03
[30] US (62/303239) 2016-03-03

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[13] A1
[51] **Int.Cl. A63C 1/30 (2006.01)**
[25] EN
[54] **BLADE HOLDER ASSEMBLY**
[54] **DISPOSITIF DE SUPPORT DE LAME**
[72] CHARTRAND, DANIEL, CA
[72] DAOUST, BERNARD, CA
[71] SPORT MASKA INC., CA
[22] 2017-03-07
[41] 2017-09-08
[30] US (62/305,180) 2016-03-08
[30] US (62/329,281) 2016-04-29

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[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 15/18 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **A PROCESS TO EXTRACT, COMPARE AND DISTILL CHAIN-OF-EVENTS TO DETERMINE THE ACTIONABLE STATE OF MIND OF AN INDIVIDUAL**
[54] **UN PROCEDE D'EXTRACTION, DE COMPARAISON ET DE DISTILLATION DE CHAINES D'EVENEMENTS EN VUE DE DETERMINER L'ETAT FONCTIONNEL DE L'ESPRIT D'UN INDIVIDU**
[72] SILVALINGAM, CRISHANTH, CA
[72] YAN, HAN, CA
[71] NEURAL INSIGHT INC., CA
[22] 2017-03-06
[41] 2017-09-04
[30] US (62/303,792) 2016-03-04

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[13] A1
[51] **Int.Cl. A45C 5/14 (2006.01) A45C 5/03 (2006.01)**
[25] EN
[54] **LUGGAGE ARTICLE HAVING OFFSET SUPPORT MEMBERS**
[54] **ARTICLE DE BAGAGE A ELEMENTS DE SUPPORT DECALES**
[72] SALANDER, MARK TYLER, US
[72] SUAREZ-LAMUS, LETICIA, US
[71] SAMSONITE IP HOLDINGS S.A R.L., LU
[22] 2017-03-08
[41] 2017-09-08
[30] US (62/305,503) 2016-03-08

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[13] A1
[51] **Int.Cl. B23D 51/10 (2006.01) B23D 61/12 (2006.01)**
[25] EN
[54] **TOOLLESS BLADE RELEASE MECHANISM FOR A POWER TOOL**
[54] **MECANISME DE DEGAGEMENT DE LAME SANS OUTIL DESTINE A UN OUTIL ELECTRIQUE**
[72] SCOTT, ZACHARY, US
[72] GREGORICH, BRENT, US
[72] MCCRACKEN, ROBERT, US
[72] MOK, KWOK TING, HK
[72] WONG, TSZ KIN, HK
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2017-03-08
[41] 2017-09-09
[30] US (15/065,024) 2016-03-09

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[51] **Int.Cl. H01M 8/04664 (2016.01) H01M 8/04089 (2016.01) H01M 8/0438 (2016.01) B60K 1/04 (2006.01) B60K 15/07 (2006.01) B60L 11/18 (2006.01) B60S 5/00 (2006.01)**
[25] EN
[54] **METHOD OF INSPECTING A FUEL CELL SYSTEM, AND THE FUEL CELL SYSTEM**
[54] **METHODE D'INSPECTION D'UN SYSTEME DE PILE A COMBUSTIBLE, ET SYSTEME DE PILE A COMBUSTIBLE**
[72] HOSOI, MASAKI, JP
[72] OHARA, HIROKAZU, JP
[72] MATSUMOTO, YUJI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-03-08
[41] 2017-09-09
[30] JP (2016-045123) 2016-03-09

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[13] A1
[51] **Int.Cl. F16H 57/027 (2012.01)**
[25] EN
[54] **VENTILATION STRUCTURE FOR TRANSMISSION**
[54] **STRUCTURE DE VENTILATION DESTINEE A UNE TRANSMISSION**
[72] TANAKA, YOSHINORI, JP
[72] NAGAHAMA, SHINJI, JP
[72] AZUMA, YOHEI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-03-07
[41] 2017-09-09
[30] JP (2016-046254) 2016-03-09

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[13] A1
[51] **Int.Cl. B64D 47/00 (2006.01) B64F 5/60 (2017.01) B64D 43/00 (2006.01) B64D 47/08 (2006.01)**
[25] EN
[54] **AIRCRAFT WING DEFORMATION MONITORING AND ANALYSIS SYSTEM**
[54] **SYSTEME DE SURVEILLANCE ET ANALYSE DE DEFORMATION D'AILE D'AERONEF**
[72] FLECK, TRAVIS W., US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2017-03-06
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[30] US (15/064,959) 2016-03-09

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[51] **Int.Cl. A61C 7/12 (2006.01)**
[25] EN
[54] **REMOVABLE ORTHODONTIC CORRECTION DEVICE**
[54] **DISPOSITIF DE CORRECTION ORTHODONTIQUE AMOVIBLE**
[72] HUNG, CHENG-HSIANG, CN
[71] HUNG, CHENG-HSIANG, CN
[22] 2017-03-08
[41] 2017-09-09
[30] CN (201610132939.2) 2016-03-09

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[51] **Int.Cl. E05D 15/06 (2006.01) E05D 13/00 (2006.01) E06B 3/46 (2006.01)**
[25] EN
[54] **SLIDING BARN DOOR HARDWARE**
[54] **QUINCAILLERIE DE PORTE DE GRANGE COULISSANTE**
[72] BORING, TOMMY, US
[72] SISSON, STEPHEN, US
[72] COOPER, JAMES, US
[72] MIRANDA, JOE, US
[72] POWELL, BRIAN, US
[71] JELD-WEN, INC., US
[22] 2017-03-07
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[30] US (62/304885) 2016-03-07

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[51] **Int.Cl. G01S 1/00 (2006.01) F42B 6/04 (2006.01) F42B 6/06 (2006.01) G01S 1/08 (2006.01) F21V 33/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR LOCATING ARROWS**
[54] **SYSTEMES ET METHODES DE REPERAGE DE FLECHES**
[72] EMRICH, BRYAN, US
[72] DAOURA, DANIEL JABRE, US
[72] PEARSON-FRANKS, NICHOLAS RYAN, US
[71] BREADCRUMB, LLC, US
[22] 2017-03-07
[41] 2017-09-08
[30] US (62/305,418) 2016-03-08

[21] **2,960,222**
[13] A1
[51] **Int.Cl. B07C 5/34 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PRODUCT SORTATION**
[54] **SYSTEMES ET METHODES DE TRI DE PRODUITS**
[72] WAHLMEIER, SHAYNE, US
[72] ROGERS, BRYAN, US
[72] SOLANA, JESSICA LYNN, US
[72] HARCAR, MUSTAFA ALI, US
[72] RIZKALLAH, ANDREW JOSEPH, US
[71] WAL-MART STORES, INC., US
[22] 2017-03-08
[41] 2017-09-09
[30] US (62/305,816) 2016-03-09

[21] **2,960,229**
[13] A1
[51] **Int.Cl. F16L 55/44 (2006.01)**
[25] EN
[54] **GUIDE FOR A PIPELINE PIG**
[54] **GUIDE DE RACLEUR DE PIPELINE**
[72] WALTER, BRONISLAV, CA
[72] WALTER, SCOTT, CA
[71] WALTER, BRONISLAV, CA
[71] WALTER, SCOTT, CA
[22] 2017-03-08
[41] 2017-09-08
[30] CA (2,923,031) 2016-03-08

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[13] A1
[51] **Int.Cl. B60S 5/00 (2006.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **SYSTEMS AND APPARATUSES FACILITATING A DO-IT-YOURSELF EXPERIENCE-BASED REPAIR SOLUTION**
[54] **SYSTEMES ET APPAREIL FACILITANT UNE SOLUTION DE REPARATION FONDEE SUR L'EXPERIENCE AUTONOME**
[72] SHIPMAN, MICHAEL PAUL, US
[72] BROWN, SCOTT F., US
[72] WITHERS, DESTRY J., US
[72] MORGAN, HOWARD BRYSON, US
[71] AUTOZONE PARTS, INC., US
[22] 2017-03-09
[41] 2017-09-09
[30] US (62/305,643) 2016-03-09
[30] US (15/450,486) 2017-03-06

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[13] A1
[51] **Int.Cl. G06K 9/50 (2006.01) G06K 9/80 (2006.01)**
[25] FR
[54] **IMAGE IMPROVEMENT DEVICE APPLICABLE TO FINGERPRINT IMAGES**
[54] **PROCEDE D'AMELIORATION D'IMAGES APPLICABLE AUX IMAGES D'EMPREINTES DIGITALES**
[72] KAZDAGHLI, LAURENT, FR
[72] THUILLIER, CEDRIC, FR
[72] COUTURIER, LAURIANE, FR
[71] SAFRAN IDENTITY & SECURITY, FR
[22] 2017-03-06
[41] 2017-09-04
[30] FR (16/51822) 2016-03-04

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[13] A1
[51] **Int.Cl. A01B 33/14 (2006.01) A01B 33/10 (2006.01) A01G 23/00 (2006.01)**
[25] EN
[54] **IMPROVED TOOTH AND TOOTHHOLDER FOR INDUSTRIAL MULCHING APPARATUS**
[54] **DENT AMELIOREE ET SUPPORT DE DENT DESTINE A UN APPAREIL DE DECHIQUETAGE INDUSTRIEL**
[72] NOEL, MARCEL, CA
[71] IMEX SOURCING INC., CA
[22] 2017-03-08
[41] 2017-09-08
[30] US (62/305,120) 2016-03-08

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[13] A1
[51] **Int.Cl. C10G 31/10 (2006.01) E21B 43/34 (2006.01) E21B 43/40 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR HANDLING RAW OIL AND STRUCTURES RELATED THERETO**
[54] **METHODES ET SYSTEMES DE TRAITEMENT D'HUILE BRUTE ET STRUCTURES ASSOCIEES**
[72] FORMOSO, DANIEL J., US
[72] CLARK, CHARLES L., US
[72] YOUNG, ERLING J., US
[71] NANA WORLEYPARSONS LLC, US
[22] 2017-03-08
[41] 2017-09-09
[30] US (62/305,880) 2016-03-09
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[13] A1
[51] **Int.Cl. A61F 2/46 (2006.01) A61F 2/30 (2006.01) A61F 2/32 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR JOINT REPLACEMENT**
[54] **METHODE ET DISPOSITIF DE REMPLACEMENT D'ARTICULATION**
[72] BIRMINGHAM, PATRICK, US
[71] BIRMINGHAM, PATRICK, US
[22] 2017-03-08
[41] 2017-09-09
[30] US (15/064,758) 2016-03-09

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[13] A1
[51] **Int.Cl. G06T 19/20 (2011.01) G06T 13/20 (2011.01) G06T 17/20 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATED VIRTUAL GEOMETRY DEFORMATION**
[54] **SYSTEMES ET METHODES DE DEFORMATION GEOMETRIQUE VIRTUELLE AUTOMATISEE**
[72] SHIPKOV, PETER, US
[72] YUEN, SIMON, US
[72] WAGENER, MALTE, US
[71] DELUXE MEDIA CREATIVE SERVICES INC., US
[22] 2017-03-08
[41] 2017-09-09
[30] US (15/065,114) 2016-03-09

[21] **2,960,354**
[13] A1
[51] **Int.Cl. A61B 34/00 (2016.01) A61B 34/30 (2016.01)**
[25] EN
[54] **MODULAR DEVICE COMPRISING MECHANICAL ARMS**
[54] **APPAREIL MODULAIRE COMPORTANT DES BRAS MECANIQUES**
[72] COHEN, DVIR, IL
[72] LEVINSON, YARON, IL
[71] MEMIC INNOVATIVE SURGERY LTD., IL
[22] 2017-03-09
[41] 2017-09-09
[30] US (62/305631) 2016-03-09
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[13] A1
[51] **Int.Cl. A01B 29/00 (2006.01) A01B 73/00 (2006.01) E01C 19/23 (2006.01)**
[25] EN
[54] **LAND ROLLER**
[54] **ROULEAU A TERRAIN**
[72] SMYTH, BARRY W., CA
[72] THOMSON, MATTHEW D., CA
[71] SMYTH WELDING & MACHINE SHOP LTD., CA
[22] 2017-03-07
[41] 2017-09-08
[30] US (62/305,156) 2016-03-08

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[13] A1
[51] **Int.Cl. B07B 1/46 (2006.01) B07B 1/42 (2006.01)**
[25] EN
[54] **VIBRATORY CLASSIFIER APPARATUS**
[54] **APPAREIL DE CLASSEMENT PAR VIBRATION**
[72] ERICKSON, SHAWN, US
[72] TUFFORD, CODY, US
[72] GRIMM, LAFE, US
[72] LARSON, RYAN, US
[71] SUPERIOR INDUSTRIES, INC., US
[22] 2017-03-09
[41] 2017-09-09
[30] US (62/305,810) 2016-03-09
[30] US (62/332,180) 2016-05-05
[30] US (62/372,563) 2016-08-09
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[13] A1
[51] **Int.Cl. G02B 5/20 (2006.01) G02B 5/30 (2006.01) H04J 14/00 (2006.01) H04J 14/02 (2006.01) H04J 14/06 (2006.01)**
[25] EN
[54] **OPTICAL BANDPASS FILTER, POLARIZER AND MULTIPLEXER**
[54] **FILTRE PASSE-BANDE OPTIQUE, POLARISEUR ET MULTIPLEXEUR**
[72] DECORBY, RAY, CA
[72] ALLEN, TREVOR, CA
[72] MELNYK, AARON, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[22] 2017-03-08
[41] 2017-09-08
[30] US (62305208) 2016-03-08

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[13] A1
[51] **Int.Cl. B60G 7/00 (2006.01) F16C 11/06 (2006.01)**
[25] EN
[54] **LOCKING BOOT FOR BALL JOINT**
[54] **BOTTE DE BLOCAGE DE JOINT A BILLE**
[72] WINTER, SIMON, CA
[72] MCVEIGH, JACK, CA
[72] KEARNS, TYLER, CA
[72] LUIZ, ROSAN, CA
[71] MEVOTECH LP, CA
[22] 2017-05-12
[41] 2017-09-06
[30] US (15/338,933) 2016-10-31

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[51] **Int.Cl. A01J 5/007 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PREPARATION CUP ATTACHMENT**
[54] **SYSTEME ET METHODE DE PREPARATION D'UN ACCESSOIRE DE GOBELET**
[72] FORESMAN, MARK A., US
[72] PREVOST, BRADLEY J., US
[71] TECHNOLOGIES HOLDINGS CORP., US
[22] 2017-07-06
[41] 2017-09-06
[30] US (15/204,918) 2016-07-07

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

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[51] **Int.Cl. A61B 8/00 (2006.01) A61B 8/08 (2006.01) G01N 29/07 (2006.01)**
[25] FR
[54] **ULTRASONIC METHOD AND DEVICE FOR CHARACTERISING WEAK ANISOTROPIC MEDIA, AND ULTRASONIC PROBE ASSEMBLY FOR SUCH A CHARACTERISATION DEVICE**
[54] **PROCEDE ET DISPOSITIF ULTRASONORE DE CARACTERISATION DES MILIEUX MOUS ANISOTROPES, ET ENSEMBLE DE SONDE ULTRASONORE POUR UN TEL DISPOSITIF DE CARACTERISATION**
[72] TANTER, MICKAEL, FR
[72] PERNOT, MATHIEU, FR
[72] FINK, MATHIAS, FR
[72] GENNISSON, JEAN-LUC, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR
[71] (INSERM) INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[71] ECOLE SUPERIEURE DE PHYSIQUE ET DE CHIMIE INDUSTRIELLES DE LA VILLE DE PARIS, FR
[71] UNIVERSITE PARIS DIDEROT - PARIS 7, FR
[85] 2016-07-27
[86] 2015-01-12 (PCT/FR2015/050058)
[87] (WO2015/114232)
[30] FR (14 00265) 2014-01-31

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[13] A1
[51] **Int.Cl. G01N 21/49 (2006.01) G01N 21/51 (2006.01)**
[25] EN
[54] **NEPHELOMETRIC TURBIDIMETER WITH AXIAL ILLUMINATION AND CIRCUMFERENTIAL PHOTODETECTOR**
[54] **TURBIDIMETRE NEPHELOMETRIQUE A ECLAIRAGE AXIAL ET PHOTODETECTEUR CIRCONFERENTIEL**
[72] LEGGETT, RICHARD EDWARD, US
[72] PERDUE, WAYNE BORIS, DE
[72] MITREITER, ANDREAS, DE
[71] HACH COMPANY, US
[85] 2016-12-20
[86] 2015-09-18 (PCT/US2015/050993)
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[30] US (62/052,916) 2014-09-19

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[13] A1
[51] **Int.Cl. G01N 33/08 (2006.01) A01K 45/00 (2006.01) G01N 21/552 (2014.01) G01N 21/65 (2006.01)**
[25] EN
[54] **NON-INVASIVE DEVICE FOR DETERMINING THE FERTILITY AND/OR SEX OF AN EGG,'AND CORRESPONDING METHOD**
[54] **DISPOSITIF NON INVASIF DE DETERMINATION DE LA FERTILITE ET/OU DU SEXE D'UN OEUF, ET PROCEDE CORRESPONDANT**
[72] SCHORTGEN, MARC, FR
[71] TRONICO, FR
[85] 2016-12-21
[86] 2015-07-09 (PCT/EP2015/065778)
[87] (WO2016/005539)
[30] FR (1456744) 2014-07-11

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[13] A1
[51] **Int.Cl. A61K 31/525 (2006.01) A23K 20/10 (2016.01) A23K 20/174 (2016.01) A23L 27/30 (2016.01) A23L 33/125 (2016.01) A23L 33/135 (2016.01) A23L 33/15 (2016.01) A23C 9/152 (2006.01) A61K 31/047 (2006.01) A61P 3/10 (2006.01) C12N 1/20 (2006.01)**
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[72] MACE, CATHERINE, CH
[72] GODFREY, KEITH MALCOLM, GB
[72] BAKER, PHILIP NEWTON, NZ
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[72] SONG, RUOZHI, US
[72] MAZANEC, TERRY J., US
[71] ANELLOTECH, INC., US
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[72] VUIBLET, VINCENT, FR
[72] PIOT, OLIVIER, FR
[72] RIEU, PHILIPPE, FR
[72] FERE, MICHAEL, FR
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[72] BEREZNAK, JAMES FRANCIS, US
[72] CAMPBELL, MATTHEW JAMES, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **AMIDES DE BENZOXAZINONE COMME MODULATEURS DU RECEPTEUR DES MINERALCORTICOIDES**
[72] O'MAHONY, GAVIN, SE
[72] KOSSENJANS, MICHAEL, SE
[72] EDMAN, KARL, SE
[72] KAJANUS, JOHAN, SE
[72] HOGNER, CARL ANDERS, SE
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[72] KRIEG, THOMAS, GB
[72] SAEB-PARSY, KOUROSH, GB
[72] MURPHY, MICHAEL PATRICK, GB
[72] WORK, LORRAINE, GB
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[71] CAMBRIDGE ENTERPRISE LIMITED, GB
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[54] **OXYSTEROLS DESTINES AU TRAITEMENT ET A LA PREVENTION DE MALADIES PROVOQUEES PAR DES VIRUS**
[72] LEMBO, DAVID, IT
[72] POLI, GIUSEPPE LEONE GRAZIANO ENRICO, IT
[72] CIVRA, ANDREA, IT
[72] CAGNO, VALERIA, IT
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[54] **PROCEDE ET DISPOSITIF DE DETERMINATION IN OVO PAR SPECTROSCOPIE RAMAN DU SEXE D'□UFS D'OISEAUX FECONDES ET INCUBES**
[72] GALLI, ROBERTA, DE
[72] PREUSSE, GRIT, DE
[72] KOCH, EDMUND, DE
[72] STEINER, GERALD, DE
[72] KRAUTWALD-JUNGHANNS, MARIA-ELISABETH, DE
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[54] **DERIVES D'AZEPANYLE ET COMPOSITIONS PHARMACEUTIQUES A ACTIVITE ANTI-PARASITAIRE LES CONTENANT**
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[54] **DIHYDROPYRIDOPYRAZINE-1,8-DIONES ET LEUR UTILISATION DANS LE TRAITEMENT, LE SOULAGEMENT OU LA PREVENTION DE MALADIES VIRALES**
[72] SCHULZ-GASCH, TANJA, CH
[72] WEIKERT, ROBERT, CH
[72] NEIDHART, WERNER, CH
[72] BUSCHMANN, HELMUT, DE
[72] SZOLAR, OLIVER, AT
[72] WOLKERSTORFER, ANDREA, AT
[72] HANDLER, NORBERT, AT
[72] ROCH, FRANZ-FERDINAND, AT
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[72] DEKKER, ROBERT, ES
[71] TIGENIX S.A.U., ES
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[54] **DERIVES D'INDANE ET D'INDOLINE ET LEUR UTILISATION EN TANT QU'ACTIVATEURS DE LA GUANYLATE CYCLASE SOLUBLE**
[72] ADAMS, CHRISTOPHER MICHAEL, US
[72] BEVAN, DOUG, US
[72] CAPPARELLI, MICHAEL PAUL, US
[72] EHARA, TAKERU, US
[72] FERRARA, LUCIANA, US
[72] JI, NAN, US
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[71] JOHNSON & JOHNSON CONSUMER INC., US
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[72] EAGLESON, SCOTT T., US
[72] GURNARI, LAWRENCE, US
[72] DAVIDSON, MELANIE, US
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[71] DENTSPLY DETREY GMBH, DE
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[54] **COMPOSES HETEROCYCLIQUES ET LEUR UTILISATION EN TANT QU'INHIBITEURS GAMMA-T DU RECEPTEUR ORPHELIN APPARENTE AUX RECEPTEURS DES RETINOIDES (ROR))**
[72] YAMAMOTO, SATOSHI, JP
[72] SHIRAI, JUNYA, JP
[72] ODA, TSUNEO, JP
[72] KONO, MITSUNORI, JP
[72] OCHIDA, ATSUKO, JP
[72] IMADA, TAKASHI, JP
[72] TOKUHARA, HIDEKAZU, JP
[72] TOMATA, YOSHIHIDE, JP
[72] ISHII, NAOKI, JP
[72] TAWADA, MICHIKO, JP
[72] FUKASE, YOSHIYUKI, US
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[72] FUKUMOTO, SHOJI, JP
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[72] HILGERS, LUCAS A. TH., NL
[72] PLATENBURG, PETER PAUL L. I., NL
[72] VAN DEN BOSCH, JOHANNES F., NL
[71] LITEVAX B.V., NL
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[72] PARKINSON, DAVID JOHN, GB
[71] DPS BRISTOL (HOLDINGS) LIMITED, GB
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[54] **APPAREIL DE TRAITEMENT DE DECHETS ET PROCEDE D'ALIMENTATION**
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[72] MANE, NARENDRA DATTATRAY, IN
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[72] GODBOLE, HIMANSHU MADHAV, IN
[72] SINGH, GIRIJ PAL, IN
[71] LUPIN LIMITED, IN
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[54] **PARTICULES CONTENANT DES POLYMERES RAMIFIES**
[72] RANNARD, STEVE, GB
[72] FORD, JANE, GB
[72] ROGERS, HANNAH, GB
[72] CHAMBON, PIERRE, GB
[72] GIARDIELLO, MARCO, GB
[72] OWEN, ANDREW, GB
[72] KITTERINGHAM, NEIL, GB
[71] THE UNIVERSITY OF LIVERPOOL, GB
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[54] **DERIVES DE QUINOLIZINONE UTILISES COMME INHIBITEURS DE PI3K**
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[72] JANA, NIRMAL KUMAR, IN
[72] MAHANGARE, SACHIN JAYSING, IN
[72] VIDHATE, PRASHANT POPATRAO, IN
[72] LAGAD, DIPAK RAYCHAND, IN
[72] TARAGE, ANAND JAGANNATH, IN
[72] KULKARNI, SANJEEV ANANT, IN
[72] PALLE, VENKATA P., IN
[72] KAMBOJ, RAJENDER KUMAR, IN
[71] LUPIN LIMITED, IN
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[54] **CONVERSION DE MONOXYDE DE CARBONE, DE DIOXYDE DE CARBONE OU D'UNE COMBINAISON DE CES DERNIERS SUR CATALYSEUR HYBRIDE**
[72] CHOJECKI, ADAM, NL
[72] NIESKENS, DAVY, NL
[72] DAVIDIAN, THOMAS, NL
[72] GROENENDIJK, PETER E., NL
[72] RUITENBEEK, MATTHIJS, NL
[72] FISH, BARRY B., US
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[54] **DERIVES DE 4,5-DIHYDROISOXAZOLE COMME INHIBITEURS DE NAMPT**
[72] CHIKKANNA, DINESH, IN
[72] KHAIRNAR, VINAYAK, IN
[71] AURIGENE DISCOVERY TECHNOLOGIES LIMITED, IN
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[54] **COMPOSITIONS DE TRAITEMENT DU CANCER A L'AIDE D'ANTAGONISTES DE LIAISON A L'AXE PD-1 ET D'INHIBITEURS DE MEK**
[72] JUNTTILA, MELISSA, US
[71] GENENTECH, INC., US
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[54] **DETECTION DE PEPTIDES DU GLUTEN DANS DES LIQUIDES CORPORELS HUMAINS**
[72] MORENO AMADOR, MARIA DE LOURDES, ES
[72] SOUSA MARTIN, CAROLINA, ES
[72] RODRIGUEZ HERRERA, ALFONSO, ES
[72] CEBOLLA RAMIREZ, ANGEL, ES
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[54] **COMPOSITION DE POLOXAMERE EXEMPTE DE SUBSTANCE A LONGUE DUREE DE CIRCULATION, LEURS PROCEDES DE PRODUCTION ET LEURS UTILISATIONS**
[72] EMANUELE, R. MARTIN, US
[72] BALASUBRAMANIAN, MANNARSAMY, US
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[71] MAST THERAPEUTICS, INC., US
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[54] **DERIVES DE BENZODIAZEPINE A TITRE D'ANTAGONISTES DES RECEPTEURS DE CCK2/GASTRINE**
[72] BOYCE, MALCOLM JAMES, GB
[72] THOMSEN, LIV, GB
[72] GILBERT, DONALD ALAN, GB
[72] WOOD, DAVID, GB
[71] TRIO MEDICINES LIMITED, GB
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[54] **COMPOSITIONS COMPRISING MELATONIN AND FLAVONOIDS FOR USE IN THE TREATMENT OF TUMOURS RESISTANT TO CHEMOTHERAPY**
[54] **COMPOSITIONS COMPRENANT DE LA MELATONINE ET DES FLAVONOIDES DESTINEES A ETRE UTILISEES DANS LE TRAITEMENT DE TUMEURS RESISTANT A LA CHIMIOTHERAPIE**
[72] MOGNA, GIOVANNI, IT
[71] PROBIOTICAL S.P.A., IT
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[54] **DERIVES D'ISOINDOLINE A UTILISER DANS LE TRAITEMENT D'UNE INFECTION VIRALE**
[72] JOHNS, BRIAN ALVIN, US
[72] VELTHUISEN, EMILE JOHANN, US
[72] WEATHERHEAD, JASON GORDON, US
[72] SUWANDI, LITA, US
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[72] BALAGOPAL, LAKSHMI, IN
[72] SHARPE, PAULA LOUISE, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **COMPOSITION DENTAIRE AUTO-ADHESIVE BICOMPOSANT, SON PROCEDE DE PRODUCTION ET SON UTILISATION**
[72] HECHT, REINHOLD, DE
[72] LUDSTECK, MANFRED, DE
[72] STIPPSCHILD, ANDREA, DE
[72] RAIA, GIOACCHINO, DE
[72] GUGGENBERGER, RAINER, DE
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **POLYTHERAPIE CONTRE LE CANCER**
[72] POURDEHNAD, MICHAEL, US
[72] GANDHI, ANITA, US
[72] TAKESHITA, KENICHI, US
[72] CHOPRA, RAJESH, US
[71] CELGENE CORPORAITON, US
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[72] VELTHUISEN, EMILE JOHANN, US
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[54] **DERIVES D'ISOINDOLINONE UTILES A TITRE D'AGENTS ANTIVIRAUX**
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[72] VELTHUISEN, EMILE JOHANN, US
[72] WEATHERHEAD, JASON GORDON, US
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[54] **COMPOSES ANTIPROLIFERATIFS ET METHODES D'UTILISATION DESDITS COMPOSES**
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[72] CORREA, MATTHEW DANIEL, US
[72] RAHEJA, RAJ, US
[72] LOPEZ-GIRONA, ANTONIA, US
[72] MAN, HON-WAH, US
[72] MULLER, GEORGE W., US
[72] KHALIL, EHAB M., US
[72] MACBETH, KYLE, US
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[54] **FORMULATION DE COMPRIME DE 2-FLUORO-N-METHYL-4-[7-(QUINOLINE -6-YLMETHYL) IMIDAZO[1,2-B] [1,2,4]TRIAZINE -2-YL]BENZAMIDE**
[72] GONCALVES, ELISABETE, CH
[72] TAUCHMANN, CHRISTIN, CH
[72] YEN, SHAU-FONG, CH
[72] VIPPAGUNTA, SUDHA, US
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[54] **COMPOSITIONS A BASE DE SAFRAN PERMETTANT LA PREVENTION ET/OU LE TRAITEMENT DE DYSTROPHIES CORNEENNES**
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[71] HORTUS NOVUS SRL, IT
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[72] KASIBHATLA, SHAILAJA, US
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[54] **REGIMES DE PRIMO-VACCINATION/RAPPEL AVEC UN ADJUVANT D'AGONISTE TLR4 ET UN VECTEUR LENTIVIRAL**
[72] KENNEY, RICHARD, US
[72] HSU, FRANK, US
[72] TER MEULEN, JAN HENRIK, US
[72] BERGLUND, PETER LARS AKSEL, US
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[54] **PROCEDE DE CONTROLE QUALITE D'UNE PIECE AU MOINS PARTIELLEMENT EN ELASTOMERE CHARGE**
[72] VERGER, SERGE, FR
[72] LABAUNE, PHILIPPE, FR
[72] PANNIER, STEPHANE, FR
[72] CHARNOTET, THIERRY, FR
[71] ANVIS SD FRANCE SAS, FR
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[54] **METHOD FOR CONDITIONING A DIANHYDROHEXITOL, AQUEOUS SOLUTION OF CONDITIONED DIANHYDROHEXITOL, AND USES THEREOF**
[54] **PROCEDE DE CONDITIONNEMENT D'UN DIANYDROHEXITOL, SOLUTION AQUEUSE DE DIANHYDROHEXITOL CONDITIONNEE ET SES UTILISATIONS**
[72] IBERT, MATHIAS, FR
[72] WYART, HERVE, FR
[72] PARENT, GWENAELLE, FR
[71] ROQUETTE FRERES, FR
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[72] KAHN, JOHANNA, US
[71] MJN U.S. HOLDINGS LLC, US
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[54] **METHODE ET APPAREIL DE PRODUCTION D'UN CONTOUR DE COU OPTIMISE SUR DES PREFORMES**
[72] AKTAS, MAHIR, TR
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[71] KLICKOW, HANS-HENNING, DE
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[72] CLIFFORD, NEIL, GB
[72] WHITMAN, DAVID W., US
[72] WIEGERS, RONALD, NL
[71] AVERY DENNISON CORPORATION, US
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[54] **SYSTEMES DE FABRICATION TERRESTRE ET DANS L'ESPACE**
[72] SNYDER, MICHAEL, US
[72] DUNN, JASON, US
[72] KEMMER, AARON, US
[72] CHEN, MICHAEL, US
[71] MADE IN SPACE, INC., US
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[54] **BANDE MULTICOUCHE POUR CREPAGE ET STRUCTURATION DANS UN PROCEDE DE FABRICATION DE PAPIER OUATE**
[72] EAGLES, DANA, US
[72] HANSEN, ROBERT, US
[72] KARLSSON, JONAS, SE
[72] JAIN, MANISH, US
[72] AGARWAL, DHRUV, US
[71] ALBANY INTERNATIONAL CORP., US
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[54] **COURROIE MULTICOUCHE DE CREPAGE ET DE STRUCTURATION DANS UN PROCEDE DE FABRICATION DE PAPIER OUATE**
[72] EAGLES, DANA, US
[72] HANSEN, ROBERT, US
[72] KARLSSON, JONAS, SE
[72] JAIN, MANISH, US
[72] AGARWAL, DHRUV, US
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[72] CHAPPA, RALPH A., US
[72] LOCKWOOD, NATHAN A., US
[72] MCGONIGLE, JOSEPH SCHMIDT, US
[71] SURMODICS, INC., US
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[72] DE CLEIR, PIARAS VALDIS, US
[71] KRAFT FOODS GROUP BRANDS LLC, US
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[54] **PROCEDE DE SECHAGE DE DISPOSITIF MEDICAL**
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[71] PLASMABIOTICS, FR
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[54] **MOUSSES POREUSES DERIVEES DE MATRICE EXTRACELLULAIRE, DISPOSITIFS MEDICAUX DE MEC EN MOUSSE POREUSE ET PROCEDES POUR LES UTILISER ET LES FABRIQUER**
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[72] GHEEWALA, NIKHIL N., US
[72] YOUNG, BRENT D., US
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[54] **SYSTEMS AND PROCESSES FOR SEPARATING EMULSIFIED WATER FROM A FLUID STREAM**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE SEPARER DE L'EAU EMULSIFIEE D'UN COURANT DE FLUIDE**
[72] ADAMSKI, ROBERT PAUL, US
[72] KINI, GAUTAM CHANDRAKANTH, US
[72] SHANKAR, SANTHOSH KUMAR, US
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[54] **SYSTEMS AND PROCESSES FOR SEPARATING EMULSIFIED WATER FROM A FLUID STREAM**
[54] **SYSTEMES ET PROCEDES POUR LA SEPARATION D'EAU EMULSIONNEE A PARTIR D'UN FLUX DE FLUIDE**
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[54] **ENSEMBLE ARTICULATION DE DISQUE INTERVERTEBRAL PROTHETIQUE**
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[71] FITZBIONICS LIMITED, GB
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[71] AMO DEVELOPMENT, LLC, US
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[72] LOFTIN, CALEB S., US
[72] ZACHERLE, MATTHEW E., US
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[54] **ARTICLE FIBREUX HYDROFUGE**
[72] LI, FAN, US
[72] OUSMAN, ERENA FARAH, US
[72] SWOREN, JOHN CHRISTOPHER, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **ENSEMBLE DE FILTRATION ENROULE EN SPIRALE COMPRENANT UN BIOFILTRE INTEGRE**
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[72] JOHNSON, JON E., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **MOUSSE PERMETTANT DE DISTRIBUER DES ADDITIFS A EFFET TEXTILE SUR DES ARTICLES FIBREUX**
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[72] SWOREN, JOHN CHRISTOPHER, US
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[72] CERRUTI, FERRUCCIO, IT
[71] ETEA SICUREZZA GROUP LTD, GB
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[54] **SYNTHESE A L'ETAT SOLIDE DE CATALYSEURS DE DESHYDROGENATION OXYDATIVE**
[72] BASSET, JEAN-MARIE, SA
[72] ZHU, HAIBO, SA
[72] ROSENFELD, DEVON C., US
[72] LAVEILLE, PACO, SA
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[54] **CARTON A POIGNEE**
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[72] COXE, CHARLES FRANCES, JR., US
[72] BATES, AARON LEE, US
[72] BALDINO, MARK, US
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[54] **PROCEDE DE TRAITEMENT DE PAILLE**
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[71] NAFICI ENVIRONMENTAL RESEARCH (NER) LTD, GB
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[54] **SYSTEMES ET PROCEDES PERMETTANT LA FORMATION DE DECHETS BIOLOGIQUES CELLULOSIQUES A PARTIR DE DECHETS SOLIDES MELANGES**
[72] NGUYEN, QUANG A., US
[72] LUCENA, IGNACIO CARVAJO, ES
[72] GARCES, VANESA RAMOS, ES
[72] PEREZ, PABLO CABEZA, ES
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[54] **SYSTEMES ABSORBANTS D'ECHANGE D'IONS, APPAREILS**
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[72] ANDREWS, BRIAN, GB
[72] ROBINSON, TIMOTHY MARK, GB
[71] KCI LICENSING, INC., US
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[54] **STRUCTURE DE PANSEMENT MULTIFONCTION POUR THERAPIE PAR PRESSION NEGATIVE**
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[72] ROBINSON, TIMOTHY MARK, GB
[72] LOCKE, CHRISTOPHER BRIAN, GB
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[54] **SYSTEMES DE TRAITEMENT DES EAUX USEES POUR FAIRE S'EVAPORER DE L'EAU PRESENTANT UNE ENTREE DE GAZ DE FUMEE IMMERGEE**
[72] RUTSCH, MICHAEL J., US
[72] DUESEL, BERNARD F., US
[72] CLERKIN, CRAIG, US
[71] HEARTLAND TECHNOLOGY PARTNERS LLC, US
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[54] **PRODUCTION SIMULTANEE D'ELECTRICITE ET DE PRODUITS CHIMIQUES A L'AIDE D'UNE SOURCE D'ENERGIE PRIMAIRE RENOUVELABLE**
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[54] **PROCEDE DE DEMOULAGE D'UN MATERIAU COMPOSITE A MATRICE ORGANIQUE**
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[72] JAUSSAUD, RAOUL, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[72] CASH, JOHN W. III, US
[71] WESTROCK PACKAGING SYSTEMS, LLC, US
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[54] **PROCEDE DE DETISSAGE ET DE REALIGNEMENT DE FIBRES DE CARBONE**
[72] MANTAUX, OLIVIER, FR
[72] GILLET, ARNAUD, FR
[72] PEDROS, MATTHIEU, FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] INSTITUT POLYTECHNIQUE DE BORDEAUX, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[72] FEDEROFF, HOWARD J., US
[72] MAPSTONE, MARK E., US
[72] CHEEMA, AMRITA K., US
[72] FIANDACA, MASSIMO S., US
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[71] UNIVERSITY OF ROCHESTER, US
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[72] LOMBARDO, ANGELO LEONE, IT
[72] AMABILE, ANGELO, IT
[72] MIGLIARA, ALESSANDRO, IT
[71] OSPEDALE SAN RAFFAELE S.R.L., IT
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[54] **UTILISATION DE PROTEINES VEGETALES HYDROLYSEES PAR VOIE ENZYMATIQUE DANS LE BRASSAGE DE BOISSONS FERMENTEES**
[72] BERTOLI, JOSE, BR
[72] BAX, FABIO, BR
[72] YAMAMOTO, WALTER T., BR
[71] CORN PRODUCTS DEVELOPMENT, INC., BR
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[72] FERNANDEZ GARCIA, JOSE LUIS, ES
[72] GOSALVEZ BERENGUER, JAIME, ES
[72] BOU AREVALO, GERMAN, ES
[72] TAMAYO NOVAS, MARIA, ES
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[54] **PROCEDE DE DETECTION ET DE CARACTERISATION PAR ULTRASONS DE DEFAUTS DANS UN MATERIAU HETEROGENE**
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[54] **PROCEDE DE SEPARATION D'HUILE**
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[54] **PROCEDE DE FABRICATION D'UNE FEUILLE POUR PRODUIRE UN FANTOME DE PEPPER**
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[54] **DISTRIBUTEUR DE BOBINE ENROULEE SANS NOYAU AVEC STOCKAGE DE CABLE FACULTATIF POUR UN RESEAU OPTIQUE DE TERMINAUX**
[72] MULLANEY, JULIAN S., US
[72] ALSTON, ERIC EMMANUEL, US
[72] CARRICO, WILLIAM ALAN, US
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[72] ZRUNA, DALIMIL, CZ
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[54] **SYSTEME ET PROCEDE DE MAGNETISATION D'UN TRANSFORMATEUR DANS UN SYSTEME ELECTRIQUE AVANT L'EXCITATION DU SYSTEME ELECTRIQUE**
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[54] **DISPOSITIF ET METHODE DE VERIFICATION ET CORRECTION DE LA POSITION D'UN DISPOSITIF FONCTIONNEL PAR RAPPORT A UNE PIECE**
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[72] NAVARRIA, FILIPPO, IT
[71] COMAU S.P.A., IT
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[54] **PROCEDE DE CROISSANCE EPITAXIALE D'UNE INTERFACE DE MATERIAUX ENTRE DES MATERIAUX DES GROUPES III A V ET DES TRANCHES DE SILICIUM ASSURANT LE CONTREBALANCEMENT DES CONTRAINTES RESIDUELLES**
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[72] DUCOURNAU, GUILLAUME, FR
[72] FAUCHER, MARC, FR
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[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **PROCEDE DE FABRICATION D'UN DISPOSITIF OPTIQUE GUIDE PAR UN SUBSTRAT**
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[72] AMITAI, YAAKOV, IL
[71] LUMUS LTD., IL
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[54] **COUVERTURE DE FENETRE ET APPAREIL D'AFFICHAGE AYANT CELLE-CI ET PROCEDE DE FABRICATION D'UN APPAREIL D'AFFICHAGE**
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[72] KIM, NAK HYUN, KR
[72] CHO, YONG SUK, KR
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[54] **BIJOUX PRESENTANT UNE FONCTION SOCIALE ET SYSTEMES PERMETTANT L'INTERACTION ENTRE DES DISPOSITIFS MULTIPLES**
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[72] BETTUA, MICHAEL, US
[72] BRICKEN, COLIN, US
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[72] PALKOWITSH, GREGORY LEE, US
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[72] THATCHER, JONATHAN CARL, US
[72] SLOBODYANSKIY, ILYA ALEKSANDROVICH, US
[72] VOREL, AARON LAVENE, US
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[72] DEHGHANIKIADEHI, ABBAS, FR
[72] PASQUIER, CHRISTOPHE, FR
[71] UNIVERSITE CLERMONT AUVERGNE, FR
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[54] **PROCEDE DE FABRICATION D'UN ARTICLE COMPOSITE RENFORCE DE FIBRES, ARTICLE COMPOSITE OBTENU ET SON UTILISATION**
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[54] **DETECTEUR DE FREQUENCE DE PHASE ET BOUCLE A VERROUILLAGE DE PHASE A LARGE BANDE HAUTE-FREQUENCE A FAIBLE SAUTILLEMENT PRECISE**
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[72] SHAPIRO, HERBERT N., US
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[54] **SYSTEME ET PROCEDE DE COMMANDE D'UNE UNITE CVC SUR LA BASE DE SIGNAUX DE THERMOSTAT**
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[72] SMITHSON, MATTHEW WESLEY, US
[72] TANIGAWA, MASATO, US
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[54] **SYSTEMES ET PROCEDES POUR SELECTIONNER DES ACTIONS DE RESEAU POUR AMELIORER DES RESULTATS DE GRILLE**
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[71] SCHLUMBERGER CANADA LIMITED, CA
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[72] RUSSO, AMY, US
[72] STETTLER, HANS, US
[72] MORGAN, ANDRE MICHELLE, US
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[54] **PROCEDE ET SYSTEME PERMETTANT D'ENREGISTRER DES SIGNAUX SISMIQUES**
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[72] MATEEVA, ALBENA ALEXANDROVA, US
[72] LOPEZ, JORGE LUIS, US
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[72] MEUTH, JOSHUA BRANDON, US
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[54] **CONJUGUES DE HYALURONANE AYANT DES SUBSTANCES PHARMACEUTIQUEMENT ACTIVES, PROCEDES ET COMPOSITIONS**
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[71] PHARMALINK AB, SE
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[54] **ACCOUPLEMENT DE TUYAUX POUR RELIER DEUX EXTREMITES DE TUYAUX OU COLLIER DE TUYAU POUR RENDRE ETANCHE UN TUYAU DEFECTUEUX**
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[54] **CLIMATISEUR COMPORTANT UN DISPOSITIF DE VARIATION DU VOLUME D'AIR**
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[72] MAKOWIECKI, GARY JOE, US
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[54] **APPAREIL DE LIBERATION ET PROCEDE DE FABRICATION D'APPAREIL DE LIBERATION**
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[54] **SYSTEME ET PROCEDE POUR MINIMISER UN BRUIT CYCLIQUE FIXE NON ALEATOIRE DANS DES SPECTROMETRES**
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[72] BOOTH, JASON, US
[72] ROBOTHAM, CLAUDE, US
[72] IZZIA, FEDERICO, US
[71] RIGAKU RAMAN TECHNOLOGIES, INC., US
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[54] **METHODES ET DISPOSITIFS DE SEPARATION ET D'ELIMINATION DE PLASMA RICHE EN PLAQUETTES ET DE CELLULES D'ASPIRAT DE MOELLE OSSEUSE**
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[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] THE UNIVERSITY OF SOUTHERN CALIFORNIA, US
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[54] **APPAREIL DE COUPE ET D'OBTURATION DE FOND DE TROU**
[72] PIPCHUK, DOUGLAS, CA
[72] COOPER, IAIN MICHAEL, US
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[25] EN
[54] **DRILL PIPE OSCILLATION REGIME AND TORQUE CONTROLLER FOR SLIDE DRILLING**
[54] **REGIME D'OSCILLATION DE TUYAU DE FORAGE ET CONTROLEUR DE COUPLE POUR FORAGE COULISSANT**
[72] BOONE, SCOTT G., US
[72] GILLAN, COLIN J., US
[71] CANRIG DRILLING TECHNOLOGY LTD., US
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[54] **ELECTROLYTE FORMING PROCESS**
[54] **PROCEDE DE FORMATION D'ELECTROLYTE**
[72] BONE, ADAM, GB
[72] LEAH, ROBERT, GB
[72] MATTHEWS, CARL, GB
[72] LANKIN, MIKE, GB
[72] RAHMAN, MAHFUJUR, GB
[72] SELCUK, AHMET, GB
[71] CERES INTELLECTUAL PROPERTY COMPANY LIMITED, GB
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[25] EN
[54] **ELECTROLYTE FORMING PROCESS**
[54] **PROCEDE DE FORMATION D'ELECTROLYTE**
[72] BONE, ADAM, GB
[72] LEAH, ROBERT, GB
[72] MATTHEWS, CARL, GB
[72] LANKIN, MIKE, GB
[72] RAHMAN, MAHFUJUR, GB
[71] CERES INTELLECTUAL PROPERTY COMPANY LIMITED, GB
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[30] GB (1502032.4) 2015-02-06

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[13] A1
[51] **Int.Cl. B21D 11/02 (2006.01) B21D 7/024 (2006.01) B21D 7/08 (2006.01)**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF CURVED PIECES FROM A CONTINUOUS METAL ELEMENT**
[54] **PROCEDE DE FABRICATION DE PIECES INCURVEES A PARTIR D'UN ELEMENT METALLIQUE CONTINU**
[72] PASSONE, PIETRO, IT
[71] E.M.A.R.C. S.P.A., IT
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[25] EN
[54] **SEGREGATED MULTI-MATERIAL METAL-MATRIX COMPOSITE TOOLS**
[54] **OUTILS EN COMPOSITE A MATRICE METALLIQUE A PLUSIEURS MATERIAUX SEPARES**
[72] COOK, GRANT O., III, US
[72] PARTHASARATHI PADMAREKHA, VENKKATEESH, US
[72] PAN, YI, US
[72] VOGLEWEDE, DANIEL BRENDAN, US
[72] OLSEN, GARRETT T., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **PLUG TRACKING THROUGH SURFACE MOUNTED EQUIPMENT**
[54] **SUIVI DE BOUCHON PAR EQUIPEMENT MONTE EN SURFACE**
[72] ROGOZINSKI, NICOLAS, US
[72] BUDLER, NICHOLAS F., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **METHODS AND APPARATUS FOR WELDING WORK PIECES HAVING DISSIMILAR COMPOSITIONS**
[54] **PROCEDES ET APPAREIL POUR LE SOUDAGE DE PIECES A USINER PRESENTANT DES COMPOSITIONS DIFFERENTES**
[72] BUSH, DONALD R., US
[72] ROHRDANZ, NICHOLAS B., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2017-07-24
[86] 2016-02-04 (PCT/US2016/016490)
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[25] EN
[54] **THERMALLY COMPENSATED VALVE TRIM COMPONENT**
[54] **ORGANE INTERNE DE SOUPAPE A COMPENSATION THERMIQUE**
[72] RICHARDSON, JONATHAN W., US
[72] PARRIE, TIMOTHY RANDALL, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[86] 2016-02-04 (PCT/US2016/016492)
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[13] A1
[51] **Int.Cl. G01N 11/00 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **MODELING OF FLUID INTRODUCTION AND/OR FLUID EXTRACTION ELEMENTS IN SIMULATION OF COREFLOOD EXPERIMENT**
[54] **MODELISATION D'ELEMENTS D'INTRODUCTION DE FLUIDE ET/OU D'EXTRACTION DE FLUIDE DANS LA SIMULATION D'EXPERIENCE DE TEST DE DEPLACEMENT DES FLUIDES EN MILIEU POREUX**
[72] SU, SHI, FR
[72] FORDHAM, EDMUND J., GB
[72] GIDDINS, MARIE ANN, GB
[72] NACCACHE, PAUL, GB
[72] CLARKE, ANDREW, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
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[30] US (62/111,166) 2015-02-03
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[13] A1
[51] **Int.Cl. B26D 7/02 (2006.01) B26D 7/06 (2006.01)**
[25] EN
[54] **DEVICE TO CLAMP LOGS DURING THE CUT THEREOF AND SAWING MACHINE COMPRISING SAID DEVICE**
[54] **DISPOSITIF POUR SERRER DES BILLES PENDANT LEUR DECOUPE ET MACHINE A SCIER COMPRENANT LEDIT DISPOSITIF**
[72] PARDINI, GIONATA, IT
[71] UNIVERSAL TISSUE TECHNOLOGY S.R.L., IT
[85] 2017-07-25
[86] 2015-12-18 (PCT/EP2015/080567)
[87] (WO2016/124297)
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[25] EN
[54] **REMOVAL OF RADIONUCLIDES FROM MIXTURES**
[54] **ELIMINATION DE RADIONUCLEIDES CONTENUS DANS DES MELANGES**
[72] URCH, HENNING, DE
[72] REIN, CHRISTIAN, AU
[72] FITZMAURICE, NEIL JEFFREY, AU
[72] ORR, GRAHAM ROBERT, AU
[72] REDFERN, DAVID, AU
[71] BASF SE, DE
[85] 2017-07-25
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[13] A1
[51] **Int.Cl. C11D 1/83 (2006.01) C11D 3/37 (2006.01) C11D 3/40 (2006.01)**
[25] EN
[54] **LAUNDRY LIQUID COMPOSITION**
[54] **COMPOSITION LIQUIDE POUR LESSIVE**
[72] AUTY, CATHERINE MARY, GB
[72] BATCHELOR, STEPHEN NORMAN, GB
[72] BIRD, JAYNE MICHELLE, GB
[72] TYNAN, MATTHEW, GB
[71] UNILEVER PLC, GB
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[51] **Int.Cl. C11D 1/83 (2006.01) C11D 1/72 (2006.01) C11D 3/37 (2006.01) C11D 3/40 (2006.01)**
[25] EN
[54] **LAUNDRY LIQUID COMPOSITION**
[54] **COMPOSITION LIQUIDE POUR LESSIVE**
[72] BATCHELOR, STEPHEN NORMAN, GB
[72] BIRD, JAYNE MICHELLE, GB
[72] TYNAN, MATTHEW, GB
[71] UNILEVER PLC, GB
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[86] 2016-02-10 (PCT/EP2016/052790)
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[13] A1
[51] **Int.Cl. C11D 1/83 (2006.01) C11D 3/37 (2006.01) C11D 3/40 (2006.01)**
[25] EN
[54] **LAUNDRY LIQUID COMPOSITION**
[54] **COMPOSITION LIQUIDE POUR LESSIVE**
[72] BATCHELOR, STEPHEN NORMAN, GB
[72] BIRD, JAYNE MICHELLE, GB
[72] TYNAN, MATTHEW, GB
[71] UNILEVER PLC, GB
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[13] A1
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[25] EN
[54] **TREATMENT OR PREVENTION OF SURGERY-INDUCED CACHEXIA AND/OR EXPRESSION OF MYELOID-DERIVED SUPPRESSOR CELLS AND PRO-INFLAMMATORY CYTOKINES**
[54] **TRAITEMENT OU PREVENTION DE LA CACHEXIE INDUITE PAR UNE INTERVENTION CHIRURGICALE ET/OU DE L'EXPRESSION DES CELLULES SUPPRESSIVES DE LA LIGNEE MYELOIDE ET DE CYTOKINES PRO-INFLAMMATOIRES**
[72] HAMILTON-REEVES, JILL, US
[72] HOLZBEIERLEIN, JEFFREY M., US
[72] YANKEE, THOMAS, US
[71] NESTEC S.A., CH
[85] 2017-07-25
[86] 2016-02-15 (PCT/EP2016/053156)
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[30] US (62/116,155) 2015-02-13

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[13] A1
[51] **Int.Cl. E02F 9/28 (2006.01) E02F 3/80 (2006.01)**
[25] EN
[54] **FIXING DEVICE FOR FIXING A WEAR OR PROTECTION ELEMENT ON A BUCKET OF AN EARTH MOVING MACHINE AND CORRESPONDING FIXING METHOD AND WEAR OR PROTECTION SYSTEM**
[54] **DISPOSITIF DE FIXATION SERVANT A FIXER UN ELEMENT ANTI USURE OU PROTECTEUR SUR UN GODET D'UNE MACHINE DE DEPLACEMENT DE TERRE ET METHODE DE FIXATION CORRESPONDANTE ET SYSTEME ANTIUSURE OU PROTECTEUR**
[72] ROL CORREDOR, JAVIER, ES
[72] MARTINEZ MANE, ANGEL, ES
[72] LOPEZ REQUEJO, SERGIO, ES
[72] PEREZ SORIA, FRANCISCO, ES
[72] TRIGINER BOIXEDA, JORGE, ES
[71] METALOGENIA RESEARCH & TECHNOLOGIES S.L., ES
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[30] ES (PCT/ES2015/070119) 2015-02-23

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[51] **Int.Cl. C08F 4/651 (2006.01) C08F 2/01 (2006.01) C08L 23/10 (2006.01) C08F 10/06 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING HETEROPHASIC COPOLYMERS OF PROPYLENE**
[54] **PROCEDE DE PRODUCTION DE COPOLYMERES DE PROPYLENE HETEROPHASIQUES**
[72] LESKINEN, PAULI, FI
[72] LILJA, JOHANNA, FI
[72] WANG, JINGBO, AT
[72] GAHLEITNER, MARKUS, AT
[71] BOREALIS AG, AT
[85] 2017-07-25
[86] 2016-02-18 (PCT/EP2016/053430)
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[13] A1
[51] **Int.Cl. A61B 10/00 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **INFANT SKIN TEST DEVICE AND METHODS FOR USING SAME**
[54] **DISPOSITIF DE TEST CUTANE POUR NOURRISSON ET PROCEDES D'UTILISATION ASSOCIES**
[72] BLANCHARD, CARINE, CH
[71] NESTEC S.A., CH
[85] 2017-07-25
[86] 2016-02-22 (PCT/EP2016/053673)
[87] (WO2016/131988)
[30] US (62/118,875) 2015-02-20

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[13] A1
[51] **Int.Cl. A45D 40/00 (2006.01) A45D 33/00 (2006.01) A45D 34/00 (2006.01)**
[25] FR
[54] **COSMETIC POT COMPRISING A COVER HAVING A GUIDED HOOKING MEMBER**
[54] **POT DE COSMETIQUE COMPORTANT UN COUVERCLE A ELEMENT D'ACCROCHAGE GUIDE**
[72] SALCIARINI, CHRISTIAN, FR
[72] CHANDELIER, JULIEN, FR
[72] PERBAL, GREGORY, FR
[71] CHANEL PARFUMS BEAUTE, FR
[85] 2017-07-25
[86] 2016-02-08 (PCT/FR2016/050265)
[87] (WO2016/128660)
[30] FR (1551009) 2015-02-09

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[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/40 (2006.01) A47J 31/52 (2006.01)**
[25] EN
[54] **MACHINE FOR PREPARING A BEVERAGE WITH REPEATABLE CHARACTERISTICS**
[54] **MACHINE DE PREPARATION D'UNE BOISSON AVEC DES CARACTERISTIQUES REPRODUCTIBLES**
[72] BIANCHI, ROBERTO, IT
[72] GUGLIELMINO, SCOTT, IT
[72] GATTI, RICCARDO, IT
[71] LA MARZOCCO S.R.L., IT
[85] 2017-07-25
[86] 2015-03-16 (PCT/IB2015/051903)
[87] (WO2016/147026)

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[13] A1
[51] **Int.Cl. A01N 37/46 (2006.01) A01N 25/30 (2006.01) A01N 37/00 (2006.01) A01P 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR DISINFECTING A SURFACE, AND COMPOSITION SUITABLE FOR USE THEREIN**
[54] **PROCEDE DE DESINFECTION D'UNE SURFACE ET COMPOSITION ADAPTEE A CE PROCEDE**
[72] BOBBERT, ILJA, NL
[71] HYGIENIX BV, NL
[85] 2017-07-25
[86] 2016-02-05 (PCT/EP2016/052551)
[87] (WO2016/124764)
[30] EP (15154007.7) 2015-02-05

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[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/17 (2006.01)**
[25] EN
[54] **METHOD OF PERFORMING WELLSITE FRACTURE OPERATIONS WITH STATISTICAL UNCERTAINTIES**
[54] **PROCEDE DE REALISATION D'OPERATIONS DE FRACTURE SUR SITE DE FORAGE AVEC DES INCERTITUDES STATISTIQUES**
[72] WENG, XIAOWEI, US
[72] COHEN, CHARLES-EDOUARD, BR
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-07-24
[86] 2015-12-15 (PCT/US2015/065717)
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[30] US (62/108,841) 2015-01-28

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[13] A1
[51] **Int.Cl. A61K 35/32 (2015.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **COMPOSITION FOR TREATING INFLAMMATORY DISEASES INDUCED BY HYPERIMMUNE RESPONSE**
[54] **COMPOSITION POUR TRAITER DES MALADIES INFLAMMATOIRES PROVOQUEES PAR DES REPONSES HYPER-IMMUNES**
[72] CHOI, HEONSIK, KR
[72] CHOI, KYOUNGBAEK, KR
[72] LEE, HYEONYOUL, KR
[72] KIM, DAEWOOK, KR
[72] LEE, HYESUN, KR
[72] KIM, MIN, KR
[72] KIM, SUJEONG, KR
[71] KOLON LIFE SCIENCE, INC., KR
[85] 2017-07-25
[86] 2016-02-05 (PCT/KR2016/001310)
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[30] US (62/112,718) 2015-02-06

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[13] A1
[51] **Int.Cl. G01N 11/00 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **ENHANCED OIL RECOVERY (EOR) CHEMICAL COREFLOOD SIMULATION STUDY WORKFLOW**
[54] **FLUX DE TRAVAUX D'ETUDE DE SIMULATION CHIMIQUE DE BALAYAGE SUR CAROTTE POUR LA RECUPERATION ASSISTEE DES HYDROCARBURES (RAH)**
[72] SU, SHI, FR
[72] GIDDINS, MARIE ANN, GB
[72] KUZNETSOV, DANILA, AU
[72] NACCACHE, PAUL, GB
[72] CLARKE, ANDREW, GB
[72] FORDHAM, EDMUND J., GB
[72] HAWKES, LAURENCE, GB
[72] HOWE, ANDREW, GB
[72] MITCHELL, JONATHAN, GB
[72] STANILAND, JOHN, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-07-25
[86] 2016-02-03 (PCT/US2016/016270)
[87] (WO2016/126759)
[30] US (62/111,158) 2015-02-03
[30] US (62/111,162) 2015-02-03
[30] US (62/111,166) 2015-02-03

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[13] A1
[51] **Int.Cl. G01N 11/00 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **MULTI-PHASE POLYMER APPARENT VISCOSITY DETERMINATION IN POLYMER COREFLOOD SIMULATION STUDY WORKFLOW**
[54] **CALCUL DE COEFFICIENT DE VISCOSITE DE CISAILLEMENT DE POLYMERE A PLUSIEURS PHASES EN DEROULEMENT DES OPERATIONS D'ETUDE DE SIMULATION PAR INJECTION DE POLYMERE DANS UNE CAROTTE**
[72] SU, SHI, FR
[72] GIDDINS, MARIE ANN, GB
[72] NACCACHE, PAUL, GB
[72] CLARKE, ANDREW, GB
[72] FORDHAM, EDMUND J., GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-07-25
[86] 2016-02-03 (PCT/US2016/016273)
[87] (WO2016/126761)
[30] US (62/111,162) 2015-02-03
[30] US (62/111,158) 2015-02-03
[30] US (62/111,166) 2015-02-03

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[13] A1
[51] **Int.Cl. B32B 27/32 (2006.01) E04D 5/06 (2006.01) E04D 5/10 (2006.01) E04D 5/12 (2006.01)**
[25] EN
[54] **THERMOPLASTIC ROOFING MEMBRANES FOR FULLY-ADHERED ROOFING SYSTEMS**
[54] **MEMBRANES DE TOITURE THERMOPLASTIQUES POUR SYSTEMES DE TOITURE A ADHERENCE TOTALE**
[72] WANG, HAO, US
[72] HUBBARD, MICHAEL J., US
[72] WACENSKE, DWAYNE, US
[72] TIPPMANN, DONNA C., US
[71] FIRESTONE BUILDING PRODUCTS CO., LLC, US
[85] 2017-07-25
[86] 2016-02-08 (PCT/US2016/016975)
[87] (WO2016/127169)
[30] US (62/112,932) 2015-02-06

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[13] A1
[51] **Int.Cl. B64D 27/02 (2006.01) B64C 5/02 (2006.01) B64C 5/06 (2006.01)**
[25] EN
[54] **AIRFRAME-INTEGRATED PROPELLER-DRIVEN PROPULSION SYSTEMS**
[54] **SYSTEMES DE PROPULSION A HELICE A CELLULE INTEGREE**
[72] HIRANO, HELIO, BR
[72] TRAPP, LUIS GUSTAVO, BR
[71] EMBRAER S.A., BR
[85] 2017-07-26
[86] 2016-02-19 (PCT/BR2016/000016)
[87] (WO2016/134433)
[30] US (14/631,423) 2015-02-25

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[13] A1
[51] **Int.Cl. B60C 5/16 (2006.01) B60C 15/02 (2006.01) B60B 21/12 (2006.01)**
[25] EN
[54] **ROLLING ASSEMBLY**
[54] **ENSEMBLE ROULANT**
[72] MERINO LOPEZ, JOSE, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2017-07-26
[86] 2016-01-14 (PCT/EP2016/050688)
[87] (WO2016/124366)
[30] FR (1550886) 2015-02-05

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[13] A1
[51] **Int.Cl. G01R 31/06 (2006.01) G01R 27/26 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR DETERMINING A PARAMETER OF A TRANSFORMER**
[54] **DISPOSITIF ET PROCEDE DE DETERMINATION D'UNE CARACTERISTIQUE D'UN TRANSFORMATEUR**
[72] PUTTER, MARKUS (DECEASED), AT
[72] SAPETSCHNIG, RENE, AT
[71] OMICRON ELECTRONICS GMBH, AT
[85] 2017-07-26
[86] 2016-01-26 (PCT/EP2016/051544)
[87] (WO2016/124443)
[30] AT (A 50092/2015) 2015-02-06

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[13] A1
[51] **Int.Cl. E21B 43/25 (2006.01) E21B 17/05 (2006.01) E21B 28/00 (2006.01) G01V 1/157 (2006.01)**
[25] FR
[54] **WELL STIMULATION TOOL COMPRISING AN ARTICULATED LINK**
[54] **OUTIL DE STIMULATION DE PUITS COMPORTANT UNE LIAISON ARTICULEE**
[72] DELCHAMBRE, MICHAEL, FR
[72] FERIOL, LAURENT, FR
[72] ONQUIERT, GUILLAUME, FR
[71] ENE29 S.AR.L., LU
[85] 2017-07-26
[86] 2016-01-26 (PCT/EP2016/051564)
[87] (WO2016/120267)
[30] FR (1550600) 2015-01-27

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[13] A1
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[25] EN
[54] **PLASTICIZER COMPOSITION CONTAINING POLYMERIC DICARBOXYLIC ACID ESTERS AND TEREPHTHALIC ACID DIALKYL ESTERS**
[54] **COMPOSITION DE PLASTIFIANT CONTENANT DES ESTERS D'ACIDE DICARBOXYLIQUE POLYMERES ET DES DIALKYLESTERS D'ACIDE TEREPHTALIQUE**
[72] PFEIFFER, MATTHIAS, DE
[72] BREITSCHEIDEL, BORIS, DE
[72] GRIMM, AXEL, DE
[72] MORGENSTERN, HERBERT, DE
[71] BASF SE, DE
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[54] **SYSTEME DE SABLAGE A MOTEUR PROTEGE**
[72] KRISMANIC, GEORG, AT
[72] LANG, ANDREAS, AT
[72] SCHNEIDER, ALBERT, AT
[71] KNORR-BREMSE GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, AT
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[54] **BURNER FOR THE PRODUCTION OF SYNTHESIS GAS AND RELATED COOLING CIRCUIT**
[54] **BRULEUR POUR LA PRODUCTION DE GAZ DE SYNTHESE ET CIRCUIT DE REFROIDISSEMENT ASSOCIE**
[72] ZANICHELLI, LUCA, IT
[72] STREPPAROLA, ELIO, IT
[72] CARLUCCI MAZZAMUTO, MARCO, IT
[71] CASALE SA, CH
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[54] **ENCAPSULATION D'AGENTS ACTIFS TRES PUISSANTS**
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[72] NEWITT, CLIVE ROLAND (DECEASED), GB
[71] EDEN RESEARCH PLC, GB
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[54] **COMPOSITION COMPRENANT UN PESTICIDE ET UN ESTER ALCOXYL□E**
[72] FLEUTE-SCHLACHTER, INGO, DE
[72] RATHS, HANS-CHRISTIAN, DE
[72] HUPKA, BIRGIT, DE
[72] HAHN, BJOERN THOMAS, DE
[72] ROEDER, JUERGEN, DE
[71] BASF SE, DE
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[54] **PROCEDE DE PRODUCTION DE POLYETHYLENE**
[72] SUMERIN, VICTOR, FI
[72] THORMAN, JOSEPH, FI
[72] AHO, JANI, FI
[72] VAHTERI, MARKKU, FI
[72] TUPE, RAVINDRA, FI
[72] KELA, JARMO, FI
[71] BOREALIS AG, AT
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[54] **COPOLYMERES A BLOCS ET LEUR UTILISATION POUR AMELIORER LES PROPRIETES A FROID DE CARBURANTS OU COMBUSTIBLES**
[72] PREVOST, JULIE, FR
[72] HEROGUEZ, VALERIE, FR
[72] COLLETTE, FLORAINE, FR
[71] TOTAL MARKETING SERVICES, FR
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[54] **FOUR DE FRITTAGE POUR COMPOSANTS EN MATIERE FRITTEE, EN PARTICULIER COMPOSANTS DENTAIRES**
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[72] SCHMIDT, CHRISTIAN, DE
[71] SIRONA DENTAL SYSTEMS GMBH, DE
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[54] **METHOD FOR CARRYING OUT PRECISE LASER CUTTINGS ON A RIBBON SHEET AND APPARATUS TO CARRY OUT THE METHOD**
[54] **PROCEDE DE MISE EN □UVRE DE DECOUPES PAR LASER PRECISES SUR UNE FEUILLE DE RUBAN ET APPAREIL DE MISE EN □UVRE DU PROCEDE**
[72] DALLAN, ANDREA, IT
[71] DALLAN S.P.A., IT
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[54] **BOUCHON DE FOND DE TROU MULTIFONCTION**
[72] MAKOWIECKI, GARY JOE, US
[72] STAIR, TODD ANTHONY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **COMPOSITION DETERGENTE**
[72] LETZELTER, NATHALIE SOPHIE, GB
[72] RANDHAWA, ASHMITA, GB
[72] VIALLET, SANDRINE ANNETTE HENRIETTE, GB
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **METHOD OF DISHWASHING**
[54] **PROCEDE DE LAVAGE AUTOMATIQUE DE LA VAISSELLE**
[72] LETZELTER, NATHALIE, SOPHIE, GB
[72] SOLACHE LEON, FERNANDO, GB
[72] URQUHART, CLAIRE, GB
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **METHOD OF DISHWASHING**
[54] **PROCEDE DE LAVAGE AUTOMATIQUE DE LA VAISSELLE**
[72] LETZELTER, NATHALIE SOPHIE, GB
[72] SOLACHE LEON, FERNANDO, GB
[72] URQUHART, CLAIRE, GB
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **ADHESIVE MATERIAL AND METHOD OF USE THEREOF**
[54] **MATERIAU ADHESIF ET PROCEDE D'UTILISATION ASSOCIE**
[72] WALKER, JASON, US
[71] ZEPHYROS, INC., US
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[25] EN
[54] **POST ANNEALED HIGH TENSILE STRENGTH COATED STEEL SHEET HAVING IMPROVED YIELD STRENGTH AND HOLE EXPANSION**
[54] **TOLE D'ACIER REVETUE A HAUTE RESISTANCE A LA TRACTION AYANT SUBI UN POST-RECUIT AYANT UNE LIMITE D'ELASTICITE CONVENTIONNELLE ET UN RESULTAT D'ESSAI D'AGRANDISSEMENT DE TROU AMELIORES**
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[71] ARCELORMITTAL, LU
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[54] **VENTED DRAINING SLACK ADJUSTER END CAP**
[54] **EMBOUT DRAINANT VENTILE DE REGLEUR DE TIMONERIE**
[72] WHALEN, SHAUN T., US
[72] GREGAR, PETER PAUL, US
[72] NATSCHKE, SCOTT LEE, US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
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[54] **COMPOSITIONS ELASTOMERES ET LEURS APPLICATIONS**
[72] GUBBELS, FREDERIC, BE
[72] TEXEIRA, SANDRINE, BE
[71] DOW CORNING CORPORATION, US
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[54] **SOUPAPE ACTIONNEE OU POMPE POUR DISPOSITIFS MICROFLUIDIQUES**
[72] MESCHER, MARK JOSEPH, US
[72] COPPETA, JONATHAN ROBERT, US
[72] SPENCER, ABIGAIL JUNE, US
[72] ISENBERG, BRETT, US
[71] THE CHARLES STARK DRAPER LABORATORY, INC., US
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[54] **SYSTEME, PROCEDE ET DISPOSITIF DE SURVEILLANCE DU CERVEAU EN TEMPS REEL**
[72] NENADOVIC, VERA, CA
[72] GUEVARA ERRA, RAMON MARIANO, FR
[72] BOULET, JASON, CA
[71] BRAINSVIEW INC., CA
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[54] **SYSTEMES DE PRESSE ET PROCEDES**
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[72] LOPEZ LAGE, MANUEL, ES
[72] RAYA ZAMORA, PEDRO, ES
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[54] **APPARATUS AND METHOD FOR COMPENSATING FOR RECEIVER MOTION IN AIRBORNE ELECTROMAGNETIC SYSTEMS**
[54] **APPAREIL ET PROCEDE POUR COMPENSER LE MOUVEMENT DE RECEPTEUR DANS DES SYSTEMES ELECTROMAGNETIQUES AEROPORTES**
[72] SMIAROWSKI, ADAM, FR
[72] MILES, PHILIP, FR
[71] CGG SERVICES SAS, FR
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[54] **TEST DEVICE AND METHOD FOR OPERATING A TEST DEVICE**
[54] **DISPOSITIF DE TEST ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN TEL DISPOSITIF**
[72] KAUFMANN, REINHARD, AT
[72] FLAX, DIRK, AT
[71] OMICRON ELECTRONICS GMBH, AT
[85] 2017-07-27
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[54] **POLYFUNCTIONAL AMINES WITH HYDROPHOBIC MODIFICATION FOR CONTROLLED CROSSLINKING OF LATEX POLYMERS**
[54] **AMINES POLYFONCTIONNELLES PRESENTANT UNE MODIFICATION HYDROPHOBE POUR LA RETICULATION CONTROLEE DES POLYMERES DE LATEX**
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[71] ENNIS PAINT, INC., US
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[54] **METHOD FOR PRODUCING COATED METAL STRIP**
[54] **PROCEDE DE PRODUCTION DE BANDE METALLIQUE REVETUE**
[72] MORIKAWA, SHIGEYASU, JP
[72] FUJII, TAKAHIRO, JP
[71] NISSHIN STEEL CO., LTD., JP
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[54] **DETECTEUR ULTRASONORE PIEZOELECTRIQUE**
[72] GRANT, MICHAEL ETHAN, US
[72] CUTLER, JEFFREY, US
[71] HONEYWELL INTERNATIONAL INC., US
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[25] EN
[54] **UNDERGROUND GPS FOR USE IN PLUG TRACKING**
[54] **GPS SOUTERRAIN A UTILISER POUR LE SUIVI DE BOUCHON**
[72] BUDLER, NICHOLAS F., US
[71] HALLIBURTON ENERGY SERVICES INC., US
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[54] **METAL-MATRIX COMPOSITES REINFORCED WITH A REFRACTORY METAL**
[54] **COMPOSITES A MATRICE METALLIQUE RENFORCES PAR UN METAL REFRACTAIRE**
[72] OLSEN, GARRETT T., US
[72] COOK, GRANT O., III, US
[72] VOGLEWEDE, DANIEL BRENDAN, US
[72] THOMAS, JEFFREY G., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **COMPOSITION D'APPRET A BASE DE SOLVANT**
[72] GUMMERSHEIMER, PETER P., DE
[72] SCHUH, MARC J., FR
[71] H.B. FULLER COMPANY, US
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[54] **WATER BASED PRIMER COMPOSITION**
[54] **COMPOSITION D'APPRET A BASE D'EAU**
[72] PEREZ GARCIA, LUIS G., ES
[72] LAGO NUNEZ, CARMEN, ES
[72] PANGAIO DA COSTA, JOEL A., PT
[72] DE CALMES, NICOLAS, FR
[71] H.B. FULLER COMPANY, US
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[54] **ION SPECIFIC MEDIA REMOVAL FROM VESSEL FOR VITRIFICATION**
[54] **ELIMINATION DE MILIEUX SPECIFIQUES AUX IONS D'UN RECIPIENT POUR VITRIFICATION**
[72] CAMPBELL, BRETT EDWARD, US
[72] COLE, MATT DENVER, US
[71] KURION, INC., US
[85] 2017-07-27
[86] 2016-02-01 (PCT/US2016/015937)
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[54] **DISPOSITIF DE POINCONNAGE AVEC POINTE DE POINCON REMPLACABLE**
[72] VILLENEUVE, LARRY, US
[72] TEICHROEW, DARIUS, US
[71] MATE PRECISION TOOLING, INC., US
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[30] US (62/113,778) 2015-02-09
[30] US (14/985,863) 2015-12-31

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[54] **GELLING DEXTRAN ETHERS**
[54] **ETHERS DE DEXTRANE GELIFIANTS**
[72] PAULLIN, JAYME L., US
[72] NAMBIAR, RAKESH, US
[71] E I DU PONT DE NEMOURS AND COMPANY, US
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[54] **LABEL ASSEMBLIES FOR ADVERSE ENVIRONMENTS**
[54] **ENSEMBLES ETIQUETTES POUR ENVIRONNEMENTS HOSTILES**
[72] JANKO, PAVEL, NL
[71] AVERY DENNISON CORPORATION, US
[85] 2017-07-27
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[54] **ENSEMBLE POINCON AVEC POINTE DE POINCON REMPLACABLE FIXEE PAR GOUPILLE D'ACCOUPLEMENT**
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[71] MATE PRECISION TOOLING, INC., US
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[54] **CERAMIC BINDER COMPOSITION FOR CERAMIC COATED SEPARATOR FOR LITHIUM ION BATTERIES, METHODS OF PRODUCING SAME, AND USES THEREOF**
[54] **COMPOSITION DE LIANT CERAMIQUE POUR SEPARATEUR A REVETEMENT CERAMIQUE DESTINE AUX BATTERIES AU LITHIUM-ION, PROCEDES DE LEUR FABRICATION ET LEUR UTILISATION**
[72] ALHARIZAH, ALAA, US
[72] CHU, SUNG GUN, US
[72] GOLIASZEWSKI, ALAN EDWARD, US
[72] HOOD, DAVID K., US
[72] PENG, SHUFU, US
[72] TALLON, MICHAEL A., US
[72] FILLIPO, BRUCE, US
[71] HERCULES LLC, US
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[54] **COMPOSITION TOPIQUE LIQUIDE CONTENANT DE LA MELATONINE**
[72] AGOSTINETTO, RITA, IT
[71] ARES TRADING S.A., CH
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[54] **METHOD FOR DETERMINING THE DIRECTION OF A SOURCE OF WATERBORNE SOUND, A COMPUTER PROGRAM PRODUCT, A COMPUTER OR SONAR, AND A WATERCRAFT**
[54] **PROCEDE DE DETERMINATION DE LA DIRECTION D'UNE SOURCE D'UN SON TRANSMIS PAR L'EAU, PRODUIT DE PROGRAMME INFORMATIQUE, ORDINATEUR OU SONAR ET VEHICULE NAUTIQUE**
[72] LOGES, WERNER, DE
[71] ATLAS ELEKTRONIK GMBH, DE
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[54] **AIR, ACOUSTIC AND/OR FIRE SEALING SLEEVE INSERT AND AIR, ACOUSTIC AND/OR FIRE SEALING DEVICE**
[54] **ELEMENT RAPPORTE DE MANCHON D'ETANCHEITE VIS-A-VIS DE L'AIR, ACOUSTIQUE ET/OU VIS-A-VIS DU FEU ET DISPOSITIF D'ETANCHEITE VIS-A-VIS DE L'AIR, ACOUSTIQUE ET/OU VIS-A-VIS DU FEU**
[72] SARG, TAMARA, US
[72] STROIKE, CHAD, US
[72] SCHWAIGER, LUKAS, US
[72] KEJRIWAL, AKHIL, US
[72] MUNZENBERGER, HERBERT, DE
[72] VANDERTOOK, JOSHUA, US
[71] HILTI AKTIENGESELLSCHAFT, LI
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[54] **GRAPHICAL DEPICTION OF WRAP PROFILE FOR LOAD WRAPPING APPARATUS**
[54] **REPRESENTATION GRAPHIQUE DE PROFIL D'EMBALLAGE POUR APPAREIL D'EMBALLAGE DE CHARGE**
[72] LANCASTER, PATRICK, R., III, US
[72] MITCHELL, MICHAEL, P., US
[71] LANTECH.COM, LLC, US
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[54] **USES OF CO-CRYSTALS**
[54] **UTILISATIONS DE CO-CRISTAUX**
[72] OSWALD, IAIN, GB
[72] DELORI, AMIT, GB
[71] UNIVERSITY OF STRATHCLYDE, GB
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[54] **METHOD FOR THE PRODUCTION OF A COATED METAL SHEET, COMPRISING THE APPLICATION OF AN AQUEOUS SOLUTION CONTAINING AN AMINO ACID, AND ASSOCIATED USE IN ORDER TO IMPROVE TRIBOLOGICAL PROPERTIES**
[54] **PROCEDE DE PREPARATION D'UNE TOLE REVETUE COMPRENANT L'APPLICATION D'UNE SOLUTION AQUEUSE COMPRENANT UN AMINOACIDE ET UTILISATION ASSOCIEE POUR AMELIORER LES PROPRIETES TRIBOLOGIQUES**
[72] RACHIELE, LYDIA, FR
[72] DERULE, HERVE, FR
[72] THAI, DELPHINE, FR
[71] ARCELORMITTAL, LU
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[54] **TRACKING AND LIGHTING SYSTEMS AND METHODS FOR A VEHICLE**
[54] **SYSTEMES ET PROCEDES DE SUIVI ET D'ECLAIRAGE POUR UN VEHICULE**
[72] QUINLAN, CHARISSA, US
[72] KAY, BRADLEY WILLIAM, US
[71] J.W. SPEAKER CORPORATION, US
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[54] **ELEMENTS DE FIXATION POUR SYSTEMES A REACTEURS NUCLEAIRES**
[72] CADELL, SETH, US
[72] LISZKAI, TAMAS R., US
[71] NUSCALE POWER, LLC, US
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[54] **EXPANDED-GLASS GRANULAR MATERIAL AND METHOD FOR PRODUCING SAME**
[54] **GRANULAT DE VERRE MOUSSE ET SON PROCEDE DE FABRICATION**
[72] WEINBERGER, KARL, DE
[71] DENNERT PORAVER GMBH, DE
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[54] **FORET POUR TROUS PROFONDS A UNE LEVRE DE COUPE**
[72] DEEG, JUERGEN, DE
[71] BOTEK PRAZISIONSBOHRTECHNIK GMBH, DE
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[54] **PROCESS FOR CLEANING SOILED METAL SURFACES AND SUBSTANCES USEFUL FOR SUCH PROCESS**
[54] **PROCEDE DE NETTOYAGE DE SURFACES METALLIQUES SOUILLEES ET DES SUBSTANCES UTILES POUR UN TEL PROCEDE**
[72] HUEFFER, STEPHAN, DE
[72] GARCIA MARCOS, ALEJANDRA, DE
[72] REIS-WALTHER, EVA-MARIA, DE
[71] BASF SE, DE
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[54] **SELECTION D'EMPLACEMENTS DE PUITS POTENTIELS DANS UN MODELE MATRICIEL DE RESERVOIR**
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[71] LANDMARK GRAPHICS CORPORATION, US
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[54] **PRESSURE-SENSITIVE ADHESIVES FOR TRANSDERMAL DRUG DELIVERY**
[54] **ADHESIFS SENSIBLES A LA PRESSION POUR L'ADMINISTRATION TRANSDERMIQUE DE MEDICAMENTS**
[72] ZHANG, JILIN, US
[72] LIAO, JUN, US
[72] LIU, PUCHUN, US
[72] DINH, STEVEN, US
[71] NOVEN PHARMACEUTICALS, INC., US
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[54] **RECIPIENT MULTICOUCHE EN PET A BARRIERE AMELIOREE**
[72] MOFFITT, RONALD D., US
[72] KAUR, JASMEET, US
[72] FREEMAN, T. EDWIN, US
[72] KRIEGEL, ROBERT, US
[72] SHI, YU, US
[72] MORALES, MARLON SALVADOR, US
[72] NAGHAL, VIDHU, US
[71] THE COCA-COLA COMPANY, US
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[54] **SOCIAL ENGINEERING SIMULATION WORKFLOW APPLIANCE**
[54] **APPAREIL DE FLUX DE TRAVAIL DE SIMULATION D'INGENIERIE SOCIALE**
[72] CHAPMAN, MARK T., US
[71] PHISHLINE, LLC, US
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[54] **FILTRAGE DE DIAGRAMMES DE LIGNAGE DE DONNEES**
[72] RADIVOJEVIC, DUSAN, US
[71] AB INITIO TECHNOLOGY LLC, US
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[54] **AUTOMATIC DOOR OPERATION**
[54] **ACTIONNEMENT DE PORTE AUTOMATIQUE**
[72] WOJDYLA, ADAM, US
[72] DOSENBACH, SAJED, US
[72] PUGH, MICHAEL R., US
[72] WEGNER, CHRISTOPHER, US
[72] PERKINS, GREG, US
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[54] **QUERYING A DATA SOURCE ON A NETWORK**
[54] **INTERROGATION D'UNE SOURCE DE DONNEES SUR UN RESEAU**
[72] SCHECHTER, IAN, US
[72] ALLIN, GLENN JOHN, US
[71] AB INITIO TECHNOLOGY LLC, US
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[54] **AGENCEMENT D'OUTIL DE COUPE**
[72] BUCK, GUNTER, DE
[71] WOHLHAUPTER GMBH, DE
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[25] EN
[54] **SEAT BASE ASSEMBLY OF A VEHICLE**
[54] **ENSEMBLE DE BASE DE SIEGE D'UN VEHICULE**
[72] LAIRD, MICHAEL, US
[72] MAYEKAWA, ROY, US
[72] PUGH, MICHAEL, US
[72] ZINDLER, MICHAEL T., US
[72] STONER, JAMES, US
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[51] **Int.Cl. G06Q 50/30 (2012.01) H04W 4/02 (2009.01)**
[25] EN
[54] **PROGRAMMATICALLY DETERMINING LOCATION INFORMATION IN CONNECTION WITH A TRANSPORT SERVICE**
[54] **DETERMINATION PROGRAMMATIQUE D'INFORMATIONS D'EMPLACEMENT RELATIVE A UN SERVICE DE TRANSPORT**
[72] BRINIG, KEVIN, US
[72] HELLER, DANIEL, US
[72] SIFLEET, TOD, US
[72] PULAKUNTA, JYOTHIDHAR, US
[71] UBER TECHNOLOGIES, INC., US
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[54] **SYSTEME DE TRAITEMENT DE CIBLE D'IRRADIATION**
[72] RICHTER, THOMAS FABIAN, DE
[72] SYKORA, ALEXANDER, DE
[72] KANNWISCHER, WILFRIED, DE
[72] JAAFAR, LEILA, DE
[71] AREVA GMBH, DE
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[54] **METHOD FOR THE PRODUCTION OF MILK WITH A HIGH CONTENT OF NATIVE VITAMIN D**
[54] **PROCEDE POUR PRODUIRE DU LAIT AYANT UNE TENEUR ELEVEE EN VITAMINE D NATIVE**
[72] GNANN, TONY, DE
[71] GNANN, TONY, DE
[85] 2017-08-02
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[51] **Int.Cl. G06F 17/00 (2006.01) G06Q 30/02 (2012.01)**
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[54] **METHOD TO STOP SERVING RE-TARGETING ADS**
[54] **PROCEDE POUR ARRETER DE FOURNIR DES ANNONCES DE RECIBLAGE PUBLICITAIRE**
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[72] THORNTON, JOHN MICHAEL, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
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[54] **SCELLEMENT D'OPERCULES SUR DES RECIPIENTS**
[72] BROZELL, BRIAN, J., US
[72] CHISHOLM, BRIAN, J., US
[72] OLSAVSKY, JOSEPH, E., US
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US
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[54] **GYPSUM PANELS, SYSTEMS, AND METHODS**
[54] **PANNEAUX DE PLATRE, SYSTEMES, ET PROCEDES**
[72] THOMAS, VINCENT B., US
[72] BRADFORD, ROCHELLE, US
[72] SANDERS, CHRISTOPHER J., US
[72] TENG, YI-HSIEN HARRY, US
[71] GEORGIA-PACIFIC GYPSUM LLC, US
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[25] EN
[54] **GYPSUM PANELS, SYSTEMS, AND METHODS**
[54] **PANNEAUX DE PLATRE, SYSTEMES, ET PROCEDES**
[72] THOMAS, VINCENT B., US
[72] BRADFORD, ROCHELLE, US
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[71] GEORGIA-PACIFIC GYPSUM LLC, US
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[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 50/22 (2012.01)**
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[54] **PURCHASING INTERFACE**
[54] **INTERFACE D'ACHAT**
[72] OLSON, JUSTIN DOUGLAS, US
[72] FRAIKIN, ANTOINE, US
[72] JENSEN, KEVIN MATTHEW, US
[72] JENSEN, BRENT DANIEL, US
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[25] EN
[54] **APPARATUS AND METHOD FOR MOBILE FRICTION STIR WELDING OF TWO TUBULAR STRUCTURES**
[54] **DISPOSITIF ET PROCEDE POUR LE SOUDAGE PAR FRICTION-MALAXAGE MOBILE DE DEUX STRUCTURES TUBULAIRES**
[72] WEIGL, MARKUS, DE
[71] GRENZEBAU MASCHINENBAU GMBH, DE
[85] 2017-08-03
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[25] EN
[54] **APPARATUS, METHOD AND SYSTEM TO VERIFY META DATA OF A PERSON**
[54] **APPAREILS, METHODE ET SYSTEME POUR VERIFIER LES METADONNEES D'UNE PERSONNE**
[72] SANCHEZ, CARLOS, GB
[71] IPAGOO LLP, GB
[85] 2017-08-03
[86] 2016-02-02 (PCT/GB2016/050239)
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[72] CANIS, LAURE, FR
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[72] BECKER, LESLIE, ZA
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[72] DEGOLLADA BASTOS, MARIA, ES
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[72] NEAL, DANIEL R., US
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[54] **SYSTEME D'ENTRAINEMENT POUR UN VEHICULE A ENTRAINEMENT DIRECT PAR LA FORCE MUSCULAIRE, PROCEDE POUR CHANGER UN GALET D'UN TEL SYSTEME D'ENTRAINEMENT ET PROCEDE DE FABRICATION**
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[54] **ELEMENT DE LIAISON POUR REALISER UNE LIAISON PAR SOUDURE PAR FRICTION**
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[72] MAIWALD, MARIO, DE
[72] DUBIEL, GERHARD, DE
[72] SPINDLER, DANIEL, DE
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[54] **ENSEMBLE DE REDRESSEMENT D'AIR DE TURBOMACHINE A PERFORMANCES AERODYNAMIQUES AMELIOREES**
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[72] MANIERE, VIANNEY CHRISTOPHE MARIE, FR
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[72] PEET, STEVEN EDUARD, GB
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[54] **PROCEDES ET SYSTEMES DE CIMENTATION EMPLOYANT UN BOUCHON INTELLIGENT**
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[72] MOLINA VALDERRAMA, JUAN, PABLO, ES
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[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 40/04 (2012.01)**
[25] EN
[54] **ASYNCHRONOUS TENDERING FOR VARIABLE CHARACTERISTIC ASSETS**
[54] **SOUMISSION ASYNCHRONE POUR DES ACTIFS A CARACTERISTIQUE VARIABLE**
[72] WHITTEN, WILLIAM DAVID, US
[71] THE NORDAM GROUP, INC., US
[85] 2017-08-09
[86] 2016-02-04 (PCT/US2016/016634)
[87] (WO2016/130405)
[30] US (62/114,351) 2015-02-10
[30] US (14/748,070) 2015-06-23

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[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/06 (2006.01)**
[25] EN
[54] **WELLBORE ISOLATION DEVICES AND METHODS OF USE**
[54] **DISPOSITIFS D'ISOLATION DE PUITS DE FORAGE ET PROCEDES D'UTILISATION**
[72] STAIR, TODD ANTHONY, US
[72] MAKOWIECKI, GARY JOE, US
[72] EZELL, MICHAEL DALE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-08-09
[86] 2015-03-19 (PCT/US2015/021479)
[87] (WO2016/148720)

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[13] A1
[51] **Int.Cl. F16H 15/52 (2006.01) F16H 57/029 (2012.01) F16H 15/50 (2006.01)**
[25] EN
[54] **HYDRAULIC RACE SHIFTER FOR A CONTINUOUSLY VARIABLE TRANSMISSION DEVICE**
[54] **CHANGEUR HYDRAULIQUE DE BAGUE POUR DISPOSITIF DE TRANSMISSION VARIABLE EN CONTINU**
[72] KLIEWER, JOSEPH D., US
[72] KOEROGHLIAN, MARK M., US
[71] ORBITAL TRACTION, LTD., US
[85] 2017-08-09
[86] 2016-02-10 (PCT/US2016/017222)
[87] (WO2016/130601)
[30] US (14/619,990) 2015-02-11

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[51] **Int.Cl. F16H 57/12 (2006.01) F16H 15/50 (2006.01) F16H 15/52 (2006.01)**
[25] EN
[54] **PRELOAD AND TORSIONAL BACKLASH MANAGEMENT FOR A CONTINUOUSLY VARIABLE TRANSMISSION DEVICE**
[54] **GESTION DE JEU DE TORSION ET DE PRECHARGE POUR UN DISPOSITIF DE TRANSMISSION VARIABLE EN CONTINU**
[72] KLIEWER, JOSEPH D., US
[72] KOEROGHLIAN, MARK M., US
[71] ORBITAL TRACTION, LTD., US
[85] 2017-08-09
[86] 2016-02-11 (PCT/US2016/017426)
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[30] US (14/620,031) 2015-02-11

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[51] **Int.Cl. G06F 21/31 (2013.01) G06F 21/32 (2013.01)**
[25] EN
[54] **METHOD FOR IDENTIFICATION OF USER'S INTERACTION SIGNATURE**
[54] **PROCEDE D'IDENTIFICATION D'UNE SIGNATURE D'INTERACTION D'UN UTILISATEUR**
[72] ARMANDO, MARCO, PL
[71] NEITEC SP. Z O.O., PL
[85] 2017-08-10
[86] 2016-03-15 (PCT/EP2016/055517)
[87] (WO2016/150756)
[30] EP (15160867.6) 2015-03-25

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[51] **Int.Cl. B65B 57/10 (2006.01) B65B 25/14 (2006.01)**
[25] EN
[54] **A PLANT FOR PROCESSING PRODUCTS INCLUDING A UNIT FOR DETECTING DEFECTIVE PRODUCTS**
[54] **INSTALLATION POUR LE TRAITEMENT DE PRODUITS COMPRENANT UNE UNITE DE DETECTION DE PRODUITS DEFECTUEUX**
[72] FRANZAROLI, MASSIMO, IT
[71] PULSAR S.R.L., IT
[85] 2017-08-10
[86] 2016-02-25 (PCT/IB2016/051029)
[87] (WO2016/135662)
[30] IT (BO2015U000016) 2015-02-27
[30] IT (BO2015U000039) 2015-05-04
[30] IT (202015000025907) 2015-06-19

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[51] **Int.Cl. A61N 5/10 (2006.01) A61B 5/055 (2006.01) G01R 33/20 (2006.01)**
[25] EN
[54] **PLANNING AND CONTROL FOR MAGNETIC RESONANCE GUIDED RADIATION THERAPY**
[54] **PLANIFICATION ET COMMANDE POUR RADIOTHERAPIE GUIDEE PAR RESONANCE MAGNETIQUE**
[72] DEMPSEY, JAMES, F., US
[72] KAWRYKOW, IWAN, US
[71] VIEWRAY TECHNOLOGIES, INC., US
[85] 2017-08-10
[86] 2016-02-11 (PCT/US2016/017618)
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[51] **Int.Cl. E21C 27/24 (2006.01)**
[25] EN
[54] **MILLING DEVICE**
[54] **DISPOSITIF DE BROYAGE**
[72] RASCHKA, JOACHIM, DE
[72] STEINBERG, JENS, DE
[72] BECHEM, ULRICH, DE
[71] CATERPILLAR GLOBAL MINING EUROPE GMBH, DE
[85] 2017-08-10
[86] 2016-02-12 (PCT/EP2016/000250)
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[51] **Int.Cl. B25C 1/08 (2006.01)**
[25] EN
[54] **IMPROVEMENTS FOR A GAS-POWERED FIXING TOOL**
[54] **AMELIORATIONS CONCERNANT UN OUTIL DE FIXATION ENTRAINE PAR GAZ.**
[72] CORDEIRO, PIERRE, FR
[72] HERELIER, PATRICK, FR
[72] NAYRAC, FREDERIC, FR
[72] RICORDI, CHRISTIAN, FR
[72] VETTORETTI, ALAIN, FR
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-08-10
[86] 2016-02-29 (PCT/US2016/020000)
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[30] EP (15158537.9) 2015-03-10
[30] EP (15200997.3) 2015-12-18

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[13] A1
[51] **Int.Cl. E21B 34/14 (2006.01)**
[25] EN
[54] **PRESSURE INSENSITIVE COUNTING TOE SLEEVE**
[54] **MANCHON DE RELEVAGE A COMPTAGE INSENSIBLE A LA PRESSION**
[72] BACSIK, RYAN R., US
[72] BRASSEAUX, JASON J., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2017-08-10
[86] 2016-02-12 (PCT/US2016/017662)
[87] (WO2016/130877)
[30] US (62/115,807) 2015-02-13

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[13] A1
[51] **Int.Cl. F16D 66/02 (2006.01) F16D 65/18 (2006.01)**
[25] EN
[54] **A BRAKE WITH A REED SWITCH FOR INDICATING AN OPERATING CONDITION OF THE BRAKE**
[54] **FREIN AVEC UN COMMUTATEUR A LAMES POUR INDIQUER UNE CONDITION DE FONCTIONNEMENT DU FREIN**
[72] UFFELMAN, BRADLEY LYN, US
[71] WARNER ELECTRIC TECHNOLOGY LLC, US
[85] 2017-08-11
[86] 2016-02-11 (PCT/US2016/017441)
[87] (WO2016/130738)
[30] US (14/620,355) 2015-02-12

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[13] A1
[51] **Int.Cl. E21B 17/03 (2006.01) E21D 20/00 (2006.01) F16B 21/00 (2006.01)**
[25] EN
[54] **MULTI-FUNCTIONAL CONNECTOR, DRILL HEAD, AND METHOD**
[54] **RACCORD MULTIFONCTIONNEL, TETE DE FORAGE, ET PROCEDE**
[72] GALLER, THOMAS, AT
[72] FELBER, ROBERT, AT
[72] HABERER, CHRISTOPH, AT
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2017-08-14
[86] 2015-04-02 (PCT/EP2015/057296)
[87] (WO2016/155832)

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[13] A1
[51] **Int.Cl. B60C 9/22 (2006.01) B60C 9/20 (2006.01)**
[25] EN
[54] **CROWN REINFORCEMENT FOR A TYRE FOR A HEAVY-DUTY CIVIL ENGINEERING VEHICLE**
[54] **ARMATURE DE SOMMET DE PNEUMATIQUE POUR VEHICULE LOURD DE TYPE GENIE CIVIL**
[72] DOMINGO, ALAIN, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2017-08-14
[86] 2016-03-04 (PCT/EP2016/054665)
[87] (WO2016/139348)
[30] FR (1551866) 2015-03-05

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[51] **Int.Cl. A41C 3/00 (2006.01) A41C 3/02 (2006.01) A41C 3/06 (2006.01) A61F 13/14 (2006.01)**
[25] EN
[54] **SUPPORT FOR BODY PORTION**
[54] **SUPPORT POUR PARTIE DU CORPS**
[72] ROMAN, EFRAT, IL
[71] EZBRA ADVANCED WOUND CARE LTD., IL
[71] EZBRA ADVANCED WOUND CARE LTD., IL
[85] 2017-08-14
[86] 2016-02-17 (PCT/IL2016/050188)
[87] (WO2016/132360)
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[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) E21B 21/08 (2006.01)**
[25] EN
[54] **AUTOMATIC EVENT DETECTION AND CONTROL WHILE DRILLING IN CLOSED LOOP SYSTEMS**
[54] **DETECTION ET COMMANDE AUTOMATIQUE D'EVENEMENTS EN COURS DE FORAGE DANS DES SYSTEMES EN BOUCLE FERMEE**
[72] GUMUS, FERHAT, US
[72] KINIK, KORAY, US
[72] RING, LEV, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2017-08-14
[86] 2016-02-23 (PCT/US2016/019023)
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[30] US (14/628,850) 2015-02-23

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[13] A1
[51] **Int.Cl. E21B 33/134 (2006.01) E21B 23/10 (2006.01) E21B 33/136 (2006.01)**
[25] EN
[54] **EXPANDABLE DEVICE FOR FORMING A CEMENT PLUG**
[54] **DISPOSITIF EXTENSIBLE PERMETTANT DE FORMER UN BOUCHON DE CIMENT**
[72] HARESTAD, KRISTIAN, NO
[71] PERIGON AS, NO
[85] 2017-08-15
[86] 2016-02-12 (PCT/EP2016/053044)
[87] (WO2016/131726)
[30] NO (20150226) 2015-02-16

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[13] A1
[51] **Int.Cl. B65C 9/28 (2006.01)**
[25] EN
[54] **A DEVICE FOR THE LABELLING OF INDIVIDUAL PRODUCTS**
[54] **DISPOSITIF D'ETIQUETAGE DE PRODUITS INDIVIDUELS**
[72] VICKTORIUS, WINFRIED, DE
[72] JUNG, ULRICH, DE
[71] ESPERA-WERKE GMBH, DE
[85] 2017-08-15
[86] 2016-02-15 (PCT/EP2016/053144)
[87] (WO2016/177486)
[30] DE (10 2015 106 861.3) 2015-05-04

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[13] A1
[51] **Int.Cl. A63G 31/16 (2006.01) G09B 9/12 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR CONTROLLING A SIMULATOR**
[54] **PROCEDE ET DISPOSITIF POUR LA COMMANDE D'UN SIMULATEUR**
[72] SEEHOF, CARSTEN, DE
[71] DEUTSCHES ZENTRUM FUR LUFT - UND RAUMFAHRT E.V., DE
[85] 2017-08-15
[86] 2016-02-22 (PCT/EP2016/053655)
[87] (WO2016/131986)
[30] DE (10 2015 102 459.4) 2015-02-20

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[13] A1
[51] **Int.Cl. E21B 47/09 (2012.01) E21B 33/12 (2006.01) E21B 47/12 (2012.01)**
[25] EN
[54] **PLUG TRACKING USING THROUGH-THE-EARTH COMMUNICATION SYSTEM**
[54] **SUIVI D'OBJET A L'AIDE DE SYSTEME DE COMMUNICATION PAR LA TERRE**
[72] BUDLER, NICHOLAS F., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-08-15
[86] 2015-03-31 (PCT/US2015/023659)
[87] (WO2016/159989)

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[13] A1
[51] **Int.Cl. A47J 31/32 (2006.01) A47J 31/36 (2006.01) A47J 31/40 (2006.01) A47J 31/44 (2006.01)**
[25] EN
[54] **AUTOMATED COFFEE AND TEA MAKER AND AUTOMATED PRESSURE BREWER**
[54] **MACHINE A CAFE ET A THE AUTOMATIQUE ET INFUSEUR A PRESSION AUTOMATIQUE**
[72] ALMBLAD, ROBERT, US
[71] ALMBLAD, ROBERT, US
[85] 2017-08-17
[86] 2016-02-19 (PCT/US2016/018675)
[87] (WO2016/134255)
[30] US (62/118,032) 2015-02-19

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[13] A1
[51] **Int.Cl. G02B 21/00 (2006.01) G02B 21/06 (2006.01) G02B 21/26 (2006.01) G02B 21/36 (2006.01)**
[25] EN
[54] **FLUORESCENCE BIOPSY SPECIMEN IMAGER AND METHODS**
[54] **IMAGEUR D'ECHANTILLON DE BIOPSIE PAR FLUORESCENCE ET PROCEDES**
[72] WANG, HAN-WEI, US
[71] LI-COR, INC., US
[85] 2017-08-17
[86] 2016-02-22 (PCT/US2016/018972)
[87] (WO2016/137899)
[30] US (62/119,660) 2015-02-23
[30] US (62/185,407) 2015-06-26

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[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 20/08 (2012.01) G06Q 50/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ELECTRONIC PROCESSING OF AGRICULTURAL PRODUCTS**
[54] **SYSTEME ET PROCEDE POUR LE TRAITEMENT ELECTRONIQUE DE PRODUITS AGRICOLES**
[72] BLOUIN, CATHERINE, CA
[72] BROWN, DOUG, CA
[72] JOHNSTONE, CHARLES VERNON, CA
[72] KLASSEN, KEVIN, CA
[72] LAI, RICKY YAT CHIU, CA
[72] LAPRAIRIE, PETER KELLY, CA
[72] PAYNE, COLIN GREGORY, CA
[72] ROBERTSON, URSULA ELAINE, CA
[72] SHRESTHA, MADHAV, CA
[72] TAYLOR, ANDREW, CA
[71] AGRICLEAR LIMITED PARTNERSHIP BY ITS GENERAL PARTNER AGRICLEAR INC., CA
[85] 2017-08-18
[86] 2016-03-04 (PCT/IB2016/051250)
[87] (WO2016/139644)
[30] US (62/128,863) 2015-03-05
[30] US (62/175,820) 2015-06-15

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[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) B21D 22/20 (2006.01) C21D 1/18 (2006.01) C21D 9/00 (2006.01) C21D 9/46 (2006.01) C22C 38/14 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **STEEL SHEET FOR HOT PRESSING AND METHOD FOR PRODUCING SAME**
[54] **TOLE D'ACIER POUR FORMAGE A CHAUD A LA PRESSE ET SON PROCEDE DE PRODUCTION**
[72] OMORI, HIROYUKI, JP
[72] MIZUTA, NAOKI, JP
[72] ASAI, TATSUYA, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2017-08-21
[86] 2016-03-11 (PCT/JP2016/057710)
[87] (WO2016/148045)
[30] JP (2015-054873) 2015-03-18
[30] JP (2015-234099) 2015-11-30

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[13] A1
[51] **Int.Cl. C12N 15/09 (2006.01) C12M 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR COLLECTING NUCLEIC ACID(S)**
[54] **PROCEDE DE COLLECTE D'ACIDE NUCLEIQUE**
[72] SEKIGUCHI, SHOTA, JP
[72] SAWADA, SHINJIRO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2017-08-21
[86] 2016-03-18 (PCT/JP2016/058658)
[87] (WO2016/152763)
[30] JP (2015-057760) 2015-03-20

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[13] A1
[51] **Int.Cl. C01B 25/45 (2006.01) H01M 4/36 (2006.01) H01M 4/58 (2010.01)**
[25] EN
[54] **LITHIUM MANGANESE PHOSPHATE NANOPARTICLES AND METHOD FOR MANUFACTURING SAME, CARBON-COATED LITHIUM MANGANESE PHOSPHATE NANOPARTICLES, CARBON-COATED LITHIUM MANGANESE PHOSPHATE NANOPARTICLE GRANULATED BODY, AND LITHIUM ION CELL**
[54] **NANOPARTICULES DE PHOSPHATE DE LITHIUM MANGANESE ET PROCEDE POUR LES FABRIQUER, NANOPARTICULES DE PHOSPHATE DE LITHIUM MANGANESE ENROBEES DE CARBONE, CORPS GRANULE EN NANOPARTICULES DE PHOSPHATE DE LITHIUM MANGANESE ENROBEES DE CARBONE, ET PILE A IONS LITHIUM**
[72] TSUJI, HIRONOBU, JP
[72] KUBOTA, YASUO, JP
[72] KAWAMURA, HIROAKI, JP
[72] TAMAKI, EIICHIRO, JP
[72] TABAYASHI, MIYUKI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2017-08-21
[86] 2016-03-22 (PCT/JP2016/058975)
[87] (WO2016/158566)
[30] JP (2015-072332) 2015-03-31

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) G01N 33/50 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **MARKER SYSTEM, IN PARTICULAR FOR BACULOVIRUS-EXPRESSED SUBUNIT ANTIGENS**
[54] **SYSTEME AVEC MARQUEUR, EN PARTICULIER POUR DES ANTIGENES SOUS-UNITE EXPRIMES PAR BACULOVIRUS**
[72] IYER, ARUN V., US
[72] HERMANN, JOSEPH RALPH, US
[72] ROOF, MICHAEL B., US
[72] VAUGHN, ERIC MARTIN, US
[72] SCHAEFFER, MERRILL LYNN, US
[71] BOEHRINGER INGELHEIM VETMEDICA, INC., US
[85] 2017-08-21
[86] 2016-03-04 (PCT/US2016/021003)
[87] (WO2016/141338)
[30] US (62/128,744) 2015-03-05

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[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) C12N 15/09 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **MATERIALS AND METHODS FOR TREATMENT OF HEMOGLOBINOPATHIES**
[54] **MATERIELS ET METHODES POUR LE TRAITEMENT DES HEMOGLOBINOPATHIES**
[72] PORTEUS, MATTHEW HEBDEN, US
[71] CRISPR THERAPEUTICS AG, CH
[85] 2017-08-22
[86] 2016-02-23 (PCT/IB2016/000276)
[87] (WO2016/135557)
[30] US (62/119,754) 2015-02-23

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[13] A1
[51] **Int.Cl. C08F 297/04 (2006.01) C08C 19/02 (2006.01) C08L 23/10 (2006.01) C08L 53/02 (2006.01)**
[25] EN
[54] **HYDROGENATED BLOCK COPOLYMER, RESIN COMPOSITION, PRESSURE-SENSITIVE ADHESIVE, ADHESIVE, MOLDED OBJECT, LIQUID-PACKAGING CONTAINER, MEDICAL TOOL, MEDICAL TUBE, CORNER MEMBER FOR WEATHER SEAL, AND WEATHER SEAL**
[54] **COPOLYMERE SEQUENCE HYDROGENE, COMPOSITION DE RESINE, ADHESIF SENSIBLE A LA PRESSION, ADHESIF, OBJET MOULE, RECIPIENT D'EMBALLAGE DE LIQUIDE, OUTIL MEDICAL, SONDE MEDICALE, ELEMENT D'ANGLE POUR JOINT D'ETANCHEITE, ET JOINT D'ETANCHEITE**
[72] OSHITA, SHINYA, JP
[72] NOJIMA, YUSUKE, JP
[72] MASUDA, MIKIO, JP
[71] KURARAY CO., LTD., JP
[85] 2017-08-22
[86] 2016-02-23 (PCT/JP2016/055307)
[87] (WO2016/136760)
[30] JP (2015-033855) 2015-02-24

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[13] A1
[51] **Int.Cl. C12N 15/11 (2006.01) A01N 63/00 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS TO CONTROL INSECT PESTS**
[54] **COMPOSITIONS ET PROCEDES DE LUTTE CONTRE DES INSECTES NUISIBLES**
[72] HU, XU, US
[72] NIU, XIPING, US
[72] PRESNAIL, JAMES KEVIN, US
[72] RICHTMAN, NINA, US
[72] ZHAO, JOE, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2017-08-11
[86] 2016-02-24 (PCT/US2016/019313)
[87] (WO2016/138106)
[30] US (62/126,151) 2015-02-27

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[13] A1
[51] **Int.Cl. G01B 11/00 (2006.01) G01N 21/01 (2006.01) G01N 21/64 (2006.01)**
[25] EN
[54] **DYNAMIC HIGH-SPEED HIGH-SENSITIVITY IMAGING DEVICE AND IMAGING METHOD**
[54] **DISPOSITIF D'IMAGERIE DYNAMIQUE HAUTE VITESSE ET HAUTE SENSIBILITE ET PROCEDE D'IMAGERIE**
[72] OTA, SADAO, JP
[72] HORISAKI, RYOICHI, JP
[72] HASHIMOTO, KAZUKI, JP
[71] THE UNIVERSITY OF TOKYO, JP
[71] OSAKA UNIVERSITY, JP
[85] 2017-08-22
[86] 2016-02-24 (PCT/JP2016/055412)
[87] (WO2016/136801)
[30] JP (2015-033520) 2015-02-24

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[13] A1
[51] **Int.Cl. C12Q 1/70 (2006.01) C07K 16/08 (2006.01) C07K 16/10 (2006.01)**
[25] EN
[54] **ANTIBODY-MEDIATED NEUTRALIZATION OF MARBURG VIRUS**
[54] **NEUTRALISATION A MEDIATION ANTICORPS DU VIRUS DE MARBURG**
[72] CROWE, JAMES E., US
[72] FLYAK, ANDREW I., US
[72] BUKREYEV, ALEXANDER, US
[72] ILINYKH, PHILIPP, US
[71] VANDERBILT UNIVERSITY, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2017-08-22
[86] 2016-02-25 (PCT/US2016/019644)
[87] (WO2016/138312)
[30] US (62/120,657) 2015-02-25

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[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 21/55 (2013.01) G06F 21/00 (2013.01)**
[25] EN
[54] **TRUSTED THIRD PARTY BROKER FOR COLLECTION AND PRIVATE SHARING OF SUCCESSFUL COMPUTER SECURITY PRACTICES**
[54] **COURTIER TIERS DE CONFIANCE DE COLLECTE ET DE PARTAGE PRIVE DE PRATIQUES DE SECURITE INFORMATIQUE REUSSIES**
[72] EFSTATHOPOULOS, PETROS, US
[71] SYMANTEC CORPORATION, US
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[54] **ANTI-DLL3 CHIMERIC ANTIGEN RECEPTORS AND METHODS OF USE**
[54] **RECEPTEURS ANTIGENIQUES CHIMERIQUES ANTI-DLL3 ET PROCEDES D'UTILISATION DESDITS RECEPTEURS**
[72] ESCARPE, PAUL ANTHONY, US
[72] DYLLA, SCOTT J., US
[72] LIU, DAVID, US
[72] STULL, ROBERT A., US
[71] ABBVIE STEMCENTRX LLC, US
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[54] **TUBE RACK TOOL**
[54] **OUTIL DE PORTOIR DE TUBES**
[72] TAYLOR, LOGAN M., US
[72] ABBOTT, RICHARD DAVID, US
[71] BIOFIRE DEFENSE, LLC, US
[85] 2017-08-22
[86] 2016-02-11 (PCT/US2016/017620)
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[30] US (14/998,015) 2015-02-24

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[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/05 (2006.01)**
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[54] **NEUROMODULATION DEVICE**
[54] **DISPOSITIF DE NEUROMODULATION**
[72] CANNING, BRENDAN J., US
[72] CARR, MICHAEL JOHN, US
[72] KOLLARIK, MARIAN, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[71] GALVANI BIOELECTRONICS LIMITED, GB
[85] 2017-08-22
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[25] EN
[54] **REPROGRAMMING PROGENITOR COMPOSITIONS AND METHODS OF USE THEREFORE**
[54] **COMPOSITIONS PROGENITRICES DE REPROGRAMMATION ET LEURS PROCEDES D'UTILISATION**
[72] EVANS, RONALD, US
[72] DOWNES, MICHAEL, US
[72] KIDA, YASUYUKI S., US
[72] KAWAMURA, TERUHISA, US
[72] WEI, ZONG, US
[72] YU, RUTH T., US
[72] ATKINS, ANNETTE R., US
[71] SALK INSTITUTE FOR BIOLOGICAL STUDIES, US
[85] 2017-08-22
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[54] **INHIBITION OF OLIG2 ACTIVITY**
[54] **INHIBITION DE L'ACTIVITE D'OLIG2**
[72] BEATON, GRAHAM, US
[72] TUCCI, FABIO C., US
[72] RAVULA, SATHEESH B., US
[72] MCHARDY, STANTON F., US
[72] RUIZ, FRANCISCO XAVIER, III, US
[72] LOPEZ, AMBROSIO, JR., US
[72] CAMPOS, BISMARCK, US
[72] WANG, HUA-YU LEO, US
[71] CURTANA PHARMACEUTICALS, INC., US
[85] 2017-08-22
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[87] (WO2016/138479)
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[51] **Int.Cl. B65D 55/16 (2006.01)**
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[54] **PROTECTIVE CASE FOR PORTABLE ELECTRONIC DEVICE**
[54] **ETUI DE PROTECTION POUR DISPOSITIF ELECTRONIQUE PORTABLE**
[72] DINING, ELIZABETH JOY, US
[72] CONRAD, ZACHARY, US
[72] BROWN, CAMERON JAMES, US
[72] KERBS, JEREMY, US
[72] WATT, ERIN JOY, US
[71] CRADL, LTD., US
[85] 2017-08-22
[86] 2016-02-24 (PCT/US2016/019364)
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[51] **Int.Cl. C12N 15/63 (2006.01) C12N 5/074 (2010.01) C12N 15/85 (2006.01)**
[25] EN
[54] **METHODS FOR PRODUCING MODIFIED RED BLOOD CELL COMPOSITIONS, COMPOSITIONS AND USES THEREOF**
[54] **PROCEDES POUR LA PRODUCTION DE COMPOSITIONS DE GLOBULES ROUGES MODIFIES, COMPOSITIONS ET LEURS UTILISATIONS**
[72] LOH, JEFFREY THOMAS, US
[71] LOH, JEFFREY THOMAS, US
[85] 2017-08-22
[86] 2016-03-29 (PCT/US2016/024805)
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[51] **Int.Cl. A61K 35/16 (2015.01) C12N 5/078 (2010.01)**
[25] EN
[54] **METHODS FOR IN VITRO PRODUCTION OF PLATELETS AND COMPOSITIONS AND USES THEREOF**
[54] **PROCEDES POUR LA PRODUCTION IN VITRO DE PLAQUETTES ET COMPOSITIONS ET UTILISATIONS CORRESPONDANTES**
[72] LOH, JEFFREY THOMAS, US
[71] LOH, JEFFREY THOMAS, US
[85] 2017-08-22
[86] 2016-03-29 (PCT/US2016/024808)
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[54] **ANTISENSE-INDUCED EXON2 INCLUSION IN ACID ALPHA-GLUCOSIDASE**
[54] **INCLUSION DE L'EXON 2, INDUITE PAR ANTISENS, DANS UNE ALPHA-GLUCOSIDASE ACIDE**
[72] WILTON, STEPHEN DONALD, AU
[72] FLETCHER, SUE, AU
[72] HANSON, GUNNAR JAMES, US
[72] BESTWICK, RICHARD KEITH, US
[72] SCHNELL, FREDERICK J., US
[71] SAREPTA THERAPEUTICS, INC., US
[71] MURDOCH UNIVERSITY, AU
[85] 2017-08-22
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[25] EN
[54] **INFUSION SYSTEM, DEVICE, AND METHOD HAVING ADVANCED INFUSION FEATURES**
[54] **SYSTEME, DISPOSITIF ET PROCEDE DE PERFUSION AYANT DES CARACTERISTIQUES DE PERFUSION PERFECTIONNEES**
[72] DAY, WILLIAM KENNETH, US
[72] SCHMIDT, JUSTIN JOSEPH, US
[72] LINDO, STEVE JOSEPH, US
[72] FORYT, PAUL JOHN, US
[71] ICU MEDICAL, INC., US
[85] 2017-08-22
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[54] **PD-L2 BIOMARKERS PREDICTIVE OF PD-1 PATHWAY INHIBITOR RESPONSES IN ESOPHAGOGASTRIC CANCERS**
[54] **BIOMARQUEURS PD-L2 PREDICTIFS DE REPONSES D'INHIBITEURS DE LA VOIE PD-1 DANS LES CANCERS OESOPHAGOGASTRIQUES**
[72] BASS, ADAM, US
[72] DERKS, SARAH, US
[72] FREEMAN, GORDON J., US
[72] RODIG, SCOTT J., US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2017-08-22
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[54] **BENZOXAZINE LOW TEMPERATURE CURABLE COMPOSITION**
[54] **COMPOSITION DE BENZOXAZINE DURCISSABLE A BASSE TEMPERATURE**
[72] WANG, DONG, US
[72] RECHICHAR, BRADLEY, US
[72] KINCAID, DEREK S., US
[72] SMITH, RONALD C., US
[71] HUNTSMAN ADVANCED MATERIALS AMERICAS LLC, US
[85] 2017-08-22
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[51] **Int.Cl. A61F 2/24 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **STEERABLE DELIVERY SYSTEM FOR REPLACEMENT MITRAL VALVE AND METHODS OF USE**
[54] **SYSTEME DE POSE MANIABLE POUR VALVULE MITRALE DE REMPLACEMENT ET PROCEDES D'UTILISATION**
[72] COOPER, ALEXANDER H., US
[72] LANDON, DAVID ROBERT, US
[72] SANCHEZ, JULIO CESAR, US
[72] RABITO, GLEN T., US
[72] RATZ, BRENT J., US
[72] QUADRI, ARSHAD, US
[72] STEWART, KEVIN M., US
[72] CHOW, PATRICK, US
[71] EDWARDS LIFESCIENCES CARDIAQ LLC, US
[85] 2017-08-22
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[51] **Int.Cl. A61K 9/22 (2006.01)**
[25] EN
[54] **TRIPULSE RELEASE STIMULANT FORMULATIONS**
[54] **FORMULATIONS DE STIMULANT DE LIBERATION A TROIS IMPULSIONS**
[72] BRAMS, MATTHEW, US
[72] SILVA, RAUL, US
[72] STRAUGHN, ARTHUR, US
[71] CINGULATE THERAPEUTICS LLC, US
[85] 2017-08-22
[86] 2016-02-26 (PCT/US2016/019877)
[87] (WO2016/138440)
[30] US (62/121,537) 2015-02-27

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[51] **Int.Cl. G01N 33/574 (2006.01) A61K 35/15 (2015.01) A61K 38/07 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **ANTI-LILRB ANTIBODIES AND THEIR USE IN DETECTING AND TREATING CANCER**
[54] **ANTICORPS ANTI-LILRB ET LEUR UTILISATION POUR DETECTER ET TRAITER UN CANCER**
[72] ZHANG, CHENGCHENG, US
[72] DENG, MI, US
[72] AN, ZHIQIANG, US
[72] XIONG, WEI, US
[72] ZHANG, NINGYAN, US
[72] ZHENG, JUNKE, CN
[72] GUI, XUN, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2017-08-22
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[13] A1
[51] **Int.Cl. G07F 5/22 (2006.01) G06F 21/44 (2013.01) H04Q 5/00 (2006.01)**
[25] EN
[54] **SECURITY SYSTEM FOR CASH HANDLING MACHINE**
[54] **SYSTEME DE SECURITE POUR MACHINE DE MANIPULATION D'ESPECES**
[72] CRONIN, SHAUN, AU
[71] SEC ENG SYSTEMS PTY LTD, AU
[85] 2017-08-23
[86] 2016-02-24 (PCT/AU2016/050124)
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[30] AU (2015100234) 2015-02-27

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[51] **Int.Cl. A61B 17/43 (2006.01) C12N 5/075 (2010.01) A61B 17/425 (2006.01) C12N 5/02 (2006.01)**
[25] EN
[54] **GENERATION AND SELECTION OF EMBRYOS IN VITRO**
[54] **PRODUCTION ET SELECTION D'EMBRYONS IN VITRO**
[72] CHAPMAN, KEVIN, US
[72] KURZ, VOLKER, US
[72] RADEL, PEGGY, US
[72] YONEHIRO, GRANT, US
[71] BERKELEY LIGHTS, INC., US
[85] 2017-08-22
[86] 2016-03-04 (PCT/US2016/021017)
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[30] US (62/128,458) 2015-03-04
[30] US (15/061,295) 2016-03-04

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[51] **Int.Cl. A61C 13/00 (2006.01) A61B 90/98 (2016.01) A61B 5/00 (2006.01) A61C 8/00 (2006.01) G06F 19/00 (2011.01) G06K 7/10 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **DENTAL IMPLANT IDENTIFICATION SYSTEM**
[54] **SYSTEME D'IDENTIFICATION D'UN PLAN DENTAIRE**
[72] BRADLEY, PETER, AU
[72] KARLSSON, MAGNUS, SE
[72] CHRISIS, ANTHONY, AU
[72] YANNOPOULOS, STAN, AU
[72] COUNSEL, MICHAEL, AU
[71] UNIVERSAL IMPLANT TECHNOLOGIES PTY LIMITED, AU
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[25] EN
[54] **METHODS AND SYSTEMS FOR MULTIPLE TAXONOMIC CLASSIFICATION**
[54] **PROCEDES ET SYSTEMES POUR UNE CLASSIFICATION TAXINOMIQUE MULTIPLE**
[72] FLYGARE, STEVEN, US
[72] SIMMON, KEITH, US
[72] MILLER, CHASE, US
[72] QIAO, YI, US
[72] EILBECK, KAREN, US
[72] MARTH, GABOR, US
[72] YANDELL, MARK, US
[72] SCHLABERG, ROBERT, US
[72] OSBORNE, EDWARD J., US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
[85] 2017-08-22
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[51] **Int.Cl. C01F 7/42 (2006.01) C01F 7/00 (2006.01) C01F 7/02 (2006.01) C01F 7/30 (2006.01)**
[25] EN
[54] **PROCESS FOR MAKING HIGH-PURITY ALUMINUM OXIDE**
[54] **PROCEDE DE FABRICATION D'OXYDE D'ALUMINIUM DE PURETE ELEVEE**
[72] NICHOL, SCOTT, CA
[72] SMITH, DANIEL, CA
[71] POLAR SAPPHIRE LTD., CA
[85] 2017-08-23
[86] 2016-02-12 (PCT/CA2016/050131)
[87] (WO2016/134455)
[30] US (62/119,402) 2015-02-23

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[13] A1
[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR OBTAINING AND EXECUTING COMPUTER CODE SPECIFIED BY CODE ORDERS IN AN ELECTRONIC TRADING VENUE**
[54] **SYSTEMES ET PROCEDES D'OBTENTION ET D'EXECUTION DE CODE INFORMATIQUE SPECIFIE PAR DES ORDRES DE CODE DANS UN LIEU DE TRANSACTION ELECTRONIQUE**
[72] MELTON, HAYDEN PAUL, US
[71] THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY, CH
[85] 2017-08-22
[86] 2016-03-08 (PCT/US2016/021378)
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[30] US (62/130,060) 2015-03-09

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[51] **Int.Cl. B60N 2/44 (2006.01) A47C 7/18 (2006.01) B60N 2/62 (2006.01) B60N 2/66 (2006.01)**
[25] EN
[54] **VEHICULAR SEAT ELEMENT**
[54] **ELEMENT DE SIEGE DE VEHICULE**
[72] STANCIU, ROMEO, CA
[72] BECKE, LAWRENCE STEPHEN, CA
[72] WEIERSTALL, MARK DONALD, US
[71] PROPRIETECT L.P., CA
[85] 2017-08-23
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[51] **Int.Cl. G01V 3/165 (2006.01) B64D 3/00 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC SURVEY SYSTEM HAVING TOW ASSEMBLY WITH ATTITUDE ADJUSTMENT**
[54] **SYSTEME DE RELEVE ELECTROMAGNETIQUE AYANT UN ENSEMBLE DE REMORQUAGE A REGLAGE DE L'ORIENTATION**
[72] MORRISON, EDWARD BEVERLY, CA
[72] RAZ, RYAN, CA
[71] GEOTECH LTD., CA
[85] 2017-08-23
[86] 2016-02-26 (PCT/CA2016/050206)
[87] (WO2016/134483)
[30] US (62/126,435) 2015-02-27
[30] US (62/133,150) 2015-03-13

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[51] **Int.Cl. A41D 11/00 (2006.01) A41D 27/00 (2006.01) A44B 19/00 (2006.01)**
[25] EN
[54] **INFANT GARMENT WITH INDEPENDENT ZIPPERS**
[54] **VETEMENT POUR NOURRISSON AYANT DES FERMETURES A GLISSIERE INDEPENDANTES**
[72] MORTIMER, NICOLE ALLISON, CA
[71] LAIFA DESIGNS INTERNATIONAL INC., CA
[85] 2017-08-23
[86] 2016-02-24 (PCT/CA2016/050183)
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[30] US (62/121,482) 2015-02-26

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[13] A1
[51] **Int.Cl. C07D 493/22 (2006.01) A61K 31/343 (2006.01) A61K 31/365 (2006.01) A61K 31/585 (2006.01) A61P 35/00 (2006.01) C07D 303/00 (2006.01) C07D 307/00 (2006.01)**
[25] EN
[54] **C14-HYDROXYL ESTERIFIED AMINO ACID DERIVATIVES OF TRIPTOLIDE, AND PREPARATION METHOD AND USE THEREOF**
[54] **DERIVES D'ACIDES AMINES ESTERIFIES A FONCTION C14-HYDROXYLE DE TRIPTOLIDE, PROCEDE POUR LEUR PREPARATION ET UTILISATION CORRESPONDANTE**
[72] XU, RONGZHEN, CN
[72] JIANG, HONGJIAN, CN
[71] HANGZHOU WEBEN PHARMACEUTICALS INC, CN
[85] 2017-08-23
[86] 2015-10-29 (PCT/CN2015/093161)
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[25] EN
[54] **ACINETOBACTER O-OLIGOSACCHARYLTRANSFERASES AND USES THEREOF**
[54] **O-OLIGOSACCHARYLTRANSFERASE D'ACINETOBACTER ET SES UTILISATIONS**
[72] FELDMAN, MARIO, US
[72] NASR, MOHAMED ADEL, CA
[71] VAXNEWMO LLC, US
[85] 2017-08-23
[86] 2016-02-26 (PCT/CA2016/050208)
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[30] US (62/121,439) 2015-02-26

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[13] A1
[51] **Int.Cl. C07K 14/00 (2006.01) A61K 38/16 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **USE OF SHORT SYNTHETIC PEPTIDE FOR THE TREATMENT AND/OR PROPHYLAXIS OF DRY EYE DISEASE**
[54] **UTILISATION D'UN PEPTIDE SYNTHETIQUE COURT POUR LE TRAITEMENT ET/OU LA PROPHYLAXIE DU SYNDROME DE L'□IL SEC**
[72] HO, TSUNG-CHUAN, CN
[72] TSAO, YEOU-PING, CN
[71] HO, TSUNG-CHUAN, TW
[71] TSAO, YEOU-PING, TW
[85] 2017-08-23
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[51] **Int.Cl. B60P 1/00 (2006.01) B65G 65/02 (2006.01) B65G 67/00 (2006.01)**
[25] EN
[54] **LOADING/UNLOADING DEVICE FOR A DELIVERY VEHICLE**
[54] **DISPOSITIF DE CHARGEMENT/DECHARGEMENT POUR UN VEHICULE DE LIVRAISON**
[72] PRESBY, DAVID WILLIAM, US
[71] PRESBY PATENT TRUST, US
[85] 2017-08-22
[86] 2016-03-10 (PCT/US2016/021745)
[87] (WO2016/145178)
[30] US (62/130,752) 2015-03-10

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[13] A1
[51] **Int.Cl. F01C 1/10 (2006.01) F01C 19/08 (2006.01) F01C 21/08 (2006.01) F02B 53/00 (2006.01) F02B 55/02 (2006.01) F02B 55/06 (2006.01) F02B 55/14 (2006.01)**
[25] EN
[54] **HIGH POWER DENSITY AND EFFICIENCY EPITROCHOIDAL ROTARY ENGINE**
[54] **MOTEUR ROTATIF EPITROCHOIDE A RENDEMENT ET DENSITE DE PUISSANCE ELEVES**
[72] SHKOLNIK, ALEXANDER, US
[72] SHKOLNIK, NIKOLAY, US
[72] NICKERSON, MARK, US
[72] LITTERA, DANIELE, US
[72] KOPACHE, ALEXANDER, US
[72] BECKER, KYLE, US
[71] LIQUIDPISTON, INC., US
[85] 2017-08-22
[86] 2016-03-10 (PCT/US2016/021861)
[87] (WO2016/145247)
[30] US (62/130,956) 2015-03-10
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[72] LEITHEAD, TRAVIS, US
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[54] **SYSTEMS AND METHODS FOR ENABLING APPETITE MODULATION AND/OR IMPROVING DIETARY COMPLIANCE USING AN ELECTRO-DERMAL PATCH**
[54] **SYSTEMES ET PROCEDES POUR PERMETTRE UNE MODULATION D'APPETIT ET/OU AMELIORER UNE CONFORMITE DIETETIQUE A L'AIDE D'UN TIMBRE ELECTRODERMAL**
[72] PEREZ, RAUL E., US
[72] GOODE, PAUL V., US
[72] HONG, PETER I., US
[72] DIIANNI, STEVEN, US
[72] MALAVE, LUIS JOSE, US
[72] STENGEL, BRAD, US
[72] FAUL, JOHN L., IE
[71] ELIRA THERAPEUTICS LLC, US
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[54] **SYSTEME DE SUIVI DE MATIERE**
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[72] BLOOM, MARK, US
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[71] CAREFUSION 303, INC., US
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[72] VOURLOUMIS, DIONOSIOS, US
[72] YIN, JUN, US
[72] ERANDE, ROHAN, US
[72] MANDAL, DEBASHIS, US
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[54] **UTILISATION D'UN ANTAGONISTE DU RECEPTEUR DES GLUCOCORTICOIDES ET D'ANALOGUES DE LA SOMATOSTATINE POUR LE TRAITEMENT DE TUMEURS SECRETANT DE L'HORMONE ADRENOCORTICOTROPE (ACTH)**
[72] MORAITIS, ANDREAS G., US
[72] BELANOFF, JOSEPH K., US
[71] CORCEPT THERAPEUTICS, INC., US
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[54] **MIXOTROPHIC FERMENTATION METHOD FOR MAKING ACETONE, ISOPROPANOL, BUTYRIC ACID AND OTHER BIOPRODUCTS, AND MIXTURES THEREOF**
[54] **PROCEDE DE FERMENTATION MIXOTROPHE POUR PRODUIRE DE L'ACETONE, DE L'ISOPROPANOL, DE L'ACIDE BUTYRIQUE ET D'AUTRE BIOPRODUITS, ET MELANGES DE CEUX-CI**
[72] TRACY, BRYAN P., US
[72] JONES, SHAWN WILLIAM, US
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[71] UNIVERSITY OF LEICESTER, GB
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[54] **PROCEDE DE PRE-TRAITEMENT DE SUSPENSION EPAISSE DE MINERAI ET PROCEDE DE FABRICATION DE SUSPENSION EPAISSE DE MINERAI**
[72] HIGUCHI, HIROTAKA, JP
[72] OHARA, GO, JP
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[72] IMAMURA, MASAKI, JP
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[54] **IMMUNOCYTE MODIFIE, PROCEDE D'OBTENTION D'IMMUNOCYTE MODIFIE ET UTILISATION DE CELUI-CI**
[72] FUJII, SHIN-ICHIRO, JP
[72] SHIMIZU, KANAKO, JP
[72] YAMASAKI, SATOSHI, JP
[72] SHINGA, JUN, JP
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[54] **PROCEDES ET COMPOSITIONS RELATIFS A DES ANTAGONISTES DE LA LEPTINE**
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[72] KRIHELI, MARINO, IL
[72] TAVOR, RAANAN, IL
[71] EQUASHIELD MEDICAL LTD., IL
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[54] **SYSTEMS AND METHODS FOR A PHYSICAL UPLINK CONTROL CHANNEL ON A SECONDARY CELL**
[54] **SYSTEMES ET PROCEDES POUR UN CANAL PHYSIQUE DE COMMANDE DE LIAISON MONTANTE SUR UNE CELLULE SECONDAIRE**
[72] YAMADA, SHOHEI, JP
[72] UEMURA, KATSUNARI, JP
[72] KATO, YASUYUKI, JP
[72] TSUBOI, HIDEKAZU, JP
[71] SHARP KABUSHIKI KAISHA, JP
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[54] **METHOD OF PREPARING NANOPARTICULATE TOPICAL COMPOSITION**
[54] **PROCEDE DE PREPARATION DE COMPOSITION TOPIQUE NANOPARTICULAIRE**
[72] BOMMAGANI, MADHUSUDHAN, IN
[72] BHOWMICK, SUBHAS BALARAM, IN
[72] KANE, PRASHANT, IN
[72] DUBEY, VAIBHAV, IN
[71] SUN PHARMA ADVANCED RESEARCH COMPANY LTD., IN
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[72] MORITA, YASUHIRO, JP
[72] UDAGAWA, SHUJI, JP
[72] ISEKI, KATSUHIKO, JP
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[71] TORAY INDUSTRIES, INC., JP
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[54] **REMPLISSAGE DESTINE A UN EVENT DE FILTRE ET DISPOSITIF D'EVENT DE FILTRE**
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[71] RASA INDUSTRIES, LTD., JP
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[54] **ACIER INOXYDABLE PRESENTANT UNE EXCELLENTE APTITUDE AU BRASAGE**
[72] HIRAIDE, NOBUHIKO, JP
[72] HAYASHI, ATSUTAKA, JP
[71] NIPPON STEEL & SUMIKIN STAINLESS STEEL CORPORATION, JP
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[54] **CHROMATIC DISPERSION ESTIMATING CIRCUIT, OPTICAL RECEPTION DEVICE AND CHROMATIC DISPERSION AMOUNT ESTIMATING METHOD**
[54] **CIRCUIT D'ESTIMATION DE DISPERSION DE LONGUEUR D'ONDE, RECEPTEUR OPTIQUE, ET PROCEDE D'ESTIMATION DE DISPERSION DE LONGUEUR D'ONDE**
[72] YAMAZAKI, ETSUSHI, JP
[72] TAKAMUKU, TOMOHIRO, JP
[72] YOSHIDA, YUKI, JP
[72] YOSHIDA, MITSUTERU, JP
[72] SHIBAHARA, KOKI, JP
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[54] **COMPOSES PYRIMIDINE SUBSTITUES EN TANT QU'INHIBITEURS DE LA PHOSPHATIDYLINOSITOL 3-KINASE .DELTA. ET UTILISATION DE CES DERNIERS**
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[72] LIU, XIAORONG, CN
[72] HUANG, DANDAN, CN
[72] ZHANG, YAN, CN
[72] KAI, YUMEI, CN
[71] NANJING SANHOME PHARMACEUTICAL CO., LTD., CN
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[71] MASCULL, ROGER THOMAS, NZ
[71] MASCULL, ELIZABETH JOCELYN, NZ
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[72] SORENSEN, STEVEN M., US
[71] RUNWAY BLUE, LLC, US
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[54] **DISTRIBUTEUR DESTINE A UN EMPILEMENT DE MATERIAU EN BANDE**
[72] LARSSON, BJORN, SE
[72] WALLENIUS, HANS, SE
[71] SCA HYGIENE PRODUCTS AB, SE
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[54] **METHODS AND DEVICES FOR DETECTION OF RESISTANCE TO AN ENZYME INHIBITOR**
[54] **PROCEDES ET DISPOSITIFS POUR LA DETECTION DE LA RESISTANCE A UN INHIBITEUR ENZYMATIQUE**
[72] LI, XINGXIANG, US
[71] CELLEX, INCORPORATED, US
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[54] **METHODES THERAPEUTIQUES FAISANT INTERVENIR DE LA NORIBOGAINE ET DES COMPOSES APPARENTES**
[72] FRIEDHOFF, LAWRENCE, US
[72] MAILLET, EMELINE, US
[72] WEIS, HOLGER, US
[71] DEMERX, INC., US
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[30] US (62/005,858) 2014-05-30
[30] US (62/007,346) 2014-06-03
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[54] **CARACTERISATION DE GARNISSAGE REFRACTAIRE D'ENCEINTES METALLURGIQUES A L'AIDE DE SCANNERS AUTONOME**
[72] BONIN, MICHEL PIERRE, US
[72] HOOG, JARED HUBERT, US
[71] PROCESS METRIX, LLC, US
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[54] **GESTION DE DONNEES**
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[72] AFRICANO, WILLIAM, US
[72] MCGUIRE, PATRICK, US
[71] MYGNAR, INC., US
[85] 2017-08-23
[86] 2016-02-22 (PCT/US2016/018939)
[87] (WO2016/137889)
[30] US (14/628,653) 2015-02-23

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[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/00 (2006.01) C12N 5/12 (2006.01)**
[25] EN
[54] **ANTI-AMYLOID-BETA ANTIBODIES**
[54] **ANTICORPS ANTI-AMYLOIDE-BETA**
[72] FLORENCE, QUENTIN, US
[72] MENON, NANDA, US
[72] MOFFITT, WILLIAM, US
[72] LUNSFORD, BILL, US
[71] RPEPTIDE, LLC, US
[85] 2017-08-23
[86] 2016-02-23 (PCT/US2016/019064)
[87] (WO2016/137947)
[30] US (62/120,138) 2015-02-24
[30] US (62/198,790) 2015-07-30

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 14/47 (2006.01) C07K 16/18 (2006.01) C12P 21/08 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **ANTI-TAU ANTIBODIES**
[54] **ANTICORPS ANTI-TAU**
[72] FLORENCE, QUENTIN, US
[72] MENON, NANDA, US
[72] MOFFITT, WILLIAM, US
[72] LUNSFORD, BILL, US
[71] RPEPTIDE, LLC, US
[85] 2017-08-23
[86] 2016-02-23 (PCT/US2016/019067)
[87] (WO2016/137950)
[30] US (62/120,120) 2015-02-24

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[13] A1
[51] **Int.Cl. E21B 47/007 (2012.01)**
[25] EN
[54] **SMART LOAD PIN FOR DRAW-WORKS**
[54] **BROCHE DE CHARGE INTELLIGENTE POUR TREUIL DE FORAGE**
[72] MARTIN, TRENTON, US
[72] MCLEMORE, STEVEN, US
[72] STEFANOS, RAFIK ISHAK, US
[71] TRANSOCEAN SEDCO FOREX VENTURES LIMITED, KY
[85] 2017-08-23
[86] 2016-02-23 (PCT/US2016/019161)
[87] (WO2016/138014)
[30] US (62/119,397) 2015-02-23

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[13] A1
[51] **Int.Cl. C01F 5/14 (2006.01) B01D 53/73 (2006.01) C01F 5/22 (2006.01)**
[25] EN
[54] **CARBON DIOXIDE SEQUESTRATION WITH MAGNESIUM HYDROXIDE AND REGENERATION OF MAGNESIUM HYDROXIDE**
[54] **SEQUESTRATION DE DIOXYDE DE CARBONE PAR DE L'HYDROXYDE DE MAGNESIUM ET REGENERATION D'HYDROXYDE DE MAGNESIUM**
[72] JONES, JOE, US
[72] YABLONSKY, AL, US
[71] CARBONFREE CHEMICALS HOLDINGS, LLC, US
[85] 2017-08-23
[86] 2016-02-23 (PCT/US2016/019164)
[87] (WO2016/138016)
[30] US (62/119,633) 2015-02-23

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[13] A1
[51] **Int.Cl. H04B 17/29 (2015.01) H04B 17/21 (2015.01) H04B 17/24 (2015.01) H04B 17/30 (2015.01)**
[25] EN
[54] **METHODS AND USER EQUIPMENT FOR MEASURING THE RADIATED POWER OF A WIRELESS DEVICE PROXIMATE TO A PHANTOM**
[54] **PROCEDES ET EQUIPEMENT UTILISATEUR PERMETTANT DE MESURER LA PUISSANCE EMISE D'UN DISPOSITIF SANS FIL A PROXIMITE D'UN FANTOME**
[72] TAYLOR, CAROLYN, US
[71] ZTE (USA) INC., US
[85] 2017-08-23
[86] 2016-02-24 (PCT/US2016/019246)
[87] (WO2016/138073)
[30] US (62/120,072) 2015-02-24

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[13] A1
[51] **Int.Cl. A61M 5/315 (2006.01) A61M 5/48 (2006.01) A61M 39/24 (2006.01)**
[25] EN
[54] **APPARATUS AND KITS FOR FLUID INFUSION**
[54] **APPAREIL ET KITS POUR PERFUSION DE FLUIDE**
[72] PIEHL, MARK D., US
[72] ROBERTSON, GALEN C., US
[72] HAGLER, JOHN TYLER WILLIS, US
[72] TITKEMEYER, ROBERT W., US
[72] FEILER, FREDERIC C., JR., US
[71] 410 MEDICAL, INC., US
[85] 2017-08-23
[86] 2016-02-23 (PCT/US2016/019167)
[87] (WO2016/138018)
[30] US (62/120,021) 2015-02-24
[30] US (62/187,367) 2015-07-01
[30] US (62/274,566) 2016-01-04

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[13] A1
[51] **Int.Cl. B22C 1/00 (2006.01)**
[25] EN
[54] **METALLURGICAL VESSEL LINING WITH CONFIGURED PERFORATION STRUCTURE**
[54] **GARNISSAGE DE CUVE METALLURGIQUE PRESENTANT UNE STRUCTURE DE PERFORATIONS SPECIALEMENT CONCUE**
[72] SIMOES, JOSE, BE
[72] PATEL, BABU, US
[72] PILLAI, SUNILKUMAR C., US
[72] JANSSEN, DOMINIQUE (DECEASED), US
[72] MADDALENA, ROGER, US
[71] VESUVIUS CRUCIBLE COMPANY, US
[85] 2017-08-23
[86] 2016-02-24 (PCT/US2016/019280)
[87] (WO2016/153693)
[30] US (62/137,498) 2015-03-24

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[13] A1
[51] **Int.Cl. B65G 53/66 (2006.01) B65G 53/00 (2006.01) B65G 53/24 (2006.01)**
[25] EN
[54] **METHOD FOR RESIN DELIVERY INCLUDING METERING INTRODUCTION OF EXTERNAL AIR TO MAINTAIN DESIRED VACUUM LEVEL**
[54] **PROCEDE DE DISTRIBUTION DE RESINE COMPRENANT LE DOSAGE DE L'INTRODUCTION D'AIR EXTERIEUR POUR MAINTENIR UN NIVEAU DE VIDE SOUHAITE**
[72] MAGUIRE, STEPHEN B., US
[71] MAGUIRE, STEPHEN B., US
[85] 2017-08-23
[86] 2016-02-25 (PCT/US2016/019455)
[87] (WO2016/138200)
[30] US (62/120,401) 2015-02-25

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[13] A1
[51] **Int.Cl. E06B 3/32 (2006.01)**
[25] EN
[54] **ILLUMINATED THRESHOLD BARRIER**
[54] **BARRIERE DE SEUIL ECLAIREE**
[72] DUNN, STEVEN BRYAN, US
[72] BEISINGER, QUINN MICHAEL, US
[72] BIRKERT, THOMAS, US
[71] MUNCHKIN, INC., US
[85] 2017-08-23
[86] 2016-02-25 (PCT/US2016/019589)
[87] (WO2016/138279)
[30] US (62/120,802) 2015-02-25
[30] US (15/053,326) 2016-02-25

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[13] A1
[51] **Int.Cl. B01D 1/06 (2006.01)**
[25] EN
[54] **COMPACT MECHANICAL VAPOR RECOMPRESSION EVAPORATOR SYSTEM**
[54] **SYSTEME COMPACT D'EVAPORATEUR A RECOMPRESSION MECANIQUE DE VAPEUR**
[72] ZIMMER, ARTUR G., US
[71] CALORIS ENGINEERING, LLC, US
[85] 2017-08-23
[86] 2016-02-26 (PCT/US2016/019700)
[87] (WO2016/138343)
[30] US (62/121,545) 2015-02-27

[21] **2,977,658**
[13] A1
[51] **Int.Cl. B65D 51/24 (2006.01)**
[25] EN
[54] **POWDERED DISPENSER CONTAINER WITH A COMBINED SCOOP HOLDER AND SCRAPER**
[54] **RECIPIENT DE DISTRIBUTEUR EN POUDRE AYANT UN SUPPORT DE CUILLERE ET UN GRATTOIR COMBINES**
[72] DUNN, STEVEN B., US
[72] BIESINGER, QUINN MICHAEL, US
[72] HATHERILL, MARK A., US
[72] BIRKERT, THOMAS E., US
[71] MUNCHKIN, INC., US
[85] 2017-08-23
[86] 2016-02-25 (PCT/US2016/019654)
[87] (WO2016/138318)
[30] US (62/120,813) 2015-02-25
[30] US (15/054,002) 2016-02-25

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[13] A1
[51] **Int.Cl. A61K 39/285 (2006.01) A61K 39/12 (2006.01) A61K 39/275 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF INACTIVATED NONREPLICATING MODIFIED VACCINIA VIRUS ANKARA (MVA) AS MONOIMMUNOTHERAPY OR IN COMBINATION WITH IMMUNE CHECKPOINT BLOCKING AGENTS FOR SOLID TUMORS**
[54] **UTILISATION DE VIRUS DE LA VACCINE ANKARA MODIFIE (MVA) NON REPLICATIF INACTIVE EN TANT QUE MONO-IMMUNOTHERAPIE OU EN ASSOCIATION AVEC DES AGENTS DE BLOCAGE DE POINT DE CONTROLE POUR DES TUMEURS SOLIDES**
[72] DENG, LIANG, US
[72] SHUMAN, STEWART, US
[72] WOLCHOK, JEDD D., US
[72] MERGHOUB, TAHA, US
[72] DAI, PEIHONG, US
[72] WANG, WEIYI, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[85] 2017-08-23
[86] 2016-02-25 (PCT/US2016/019663)
[87] (WO2016/144564)
[30] US (62/120,862) 2015-02-25

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[13] A1
[51] **Int.Cl. A01N 63/00 (2006.01) C12N 5/071 (2010.01) C12N 5/02 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT OR PREVENTION OF PARKINSON'S DISEASE**
[54] **METHODES ET COMPOSITIONS PERMETTANT LE TRAITEMENT OU LA PREVENTION DE LA MALADIE DE PARKINSON**
[72] ISACSON, OLE, US
[71] THE MCLEAN HOSPITAL CORPORATION, US
[85] 2017-08-23
[86] 2016-02-26 (PCT/US2016/019798)
[87] (WO2016/138392)
[30] US (62/121,333) 2015-02-26

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[13] A1
[51] **Int.Cl. G06N 99/00 (2010.01)**
[25] EN
[54] **TECHNIQUES FOR COUPLING PLANNAR QUBITS TO NON-PLANAR RESONATORS AND RELATED SYSTEMS AND METHODS**
[54] **TECHNIQUES DE COUPLAGE DE BITS QUANTIQUES PLANAIRES A DES RESONATEURS NON PLANAIRES, SYSTEMES ET PROCEDES ASSOCIES**
[72] MINEV, ZLATKO, US
[72] SERNIAK, KYLE, US
[72] POP, LOAN, US
[72] CHU, YIWEN, US
[72] BRECHT, TERESA, US
[72] FRUNZIO, LUIGI, US
[72] DEVORET, MICHEL, US
[72] SCHOELKOPE ROBERT J., III, US
[71] YALE UNIVERSITY, US
[85] 2017-08-23
[86] 2016-02-26 (PCT/US2016/019801)
[87] (WO2016/138395)
[30] US (62/126,183) 2015-02-27

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[13] A1
[51] **Int.Cl. B04B 1/04 (2006.01) B01D 46/02 (2006.01) B01D 46/10 (2006.01) B04B 1/08 (2006.01) B04B 3/02 (2006.01) B04B 3/04 (2006.01)**
[25] EN
[54] **LIQUID REFINEMENT**
[54] **AFFINEMENT DE LIQUIDE**
[72] LEWIS, RICHARD, US
[72] SCOTT, KURT, US
[71] RECOVERED ENERGY, INC., US
[85] 2017-08-23
[86] 2016-02-26 (PCT/US2016/019958)
[87] (WO2016/138494)
[30] US (62/121,660) 2015-02-27
[30] US (62/121,673) 2015-02-27
[30] US (62/204,327) 2015-08-12

[21] **2,977,664**
[13] A1
[51] **Int.Cl. H01L 39/22 (2006.01) H03F 19/00 (2006.01)**
[25] EN
[54] **JOSEPHSON JUNCTION-BASED CIRCULATORS AND RELATED SYSTEMS AND METHODS**
[54] **CIRCULATEURS A BASE DE JONCTION JOSEPHSON ET SYSTEMES ET PROCEDES ASSOCIES**
[72] SLIWA, KATRINA, US
[72] HATRIDGE, MICHAEL, US
[72] NARLA, ANIRUDH, US
[72] SHANKAR, SHYAM, US
[72] FRUNZIO, LUIGI, US
[72] SCHOELKOPF, ROBERT J., III, US
[72] DEVORET, MICHEL, US
[71] YALE UNIVERSITY, US
[85] 2017-08-23
[86] 2016-02-26 (PCT/US2016/019819)
[87] (WO2016/138406)
[30] US (62/126,423) 2015-02-27

[21] **2,977,669**
[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) C07K 14/47 (2006.01) G01N 33/577 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **13+/17+ BIN1 EXPRESSION AS A MARKER OF CARDIAC DISORDERS**
[54] **EXPRESSION DE BIN1 13+/17+ A UTILISER EN TANT QUE MARQUEUR DE TROUBLES CARDIAQUES**
[72] SHAW, DARRYL STEVEN, US
[72] SHAW, NEIL GAVIN, US
[71] SARCOTEIN DIAGNOSTICS, LLC, US
[85] 2017-08-23
[86] 2016-03-02 (PCT/US2016/020495)
[87] (WO2016/141088)
[30] US (62/126,867) 2015-03-02

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[13] A1
[51] **Int.Cl. A23K 10/30 (2016.01)**
[25] EN
[54] **ADDITION OF EDIBLE FAT (LIPIDS) TO HAY FOR ENHANCING THE NUTRITIONAL VALUE AND DIGESTIBILITY AND REDUCING THE TOXICITY RISK**
[54] **ADDITION DE MATIERE GRASSE COMESTIBLE (LIPIDES) A DU FOIN POUR AMELIORER SA VALEUR NUTRITIONNELLE ET DIGESTIBILITE ET REDUIRE LE RISQUE DE TOXICITE**
[72] SMALLWOOD, NORMAN J., US
[71] SMALLWOOD, NORMAN J., US
[85] 2017-08-23
[86] 2016-03-04 (PCT/US2016/020947)
[87] (WO2016/144778)
[30] US (62/129,074) 2015-03-06

[21] **2,977,674**
[13] A1
[51] **Int.Cl. E21B 7/12 (2006.01) E21B 7/128 (2006.01) E21B 19/09 (2006.01)**
[25] EN
[54] **MARINE MOTION COMPENSATED DRAW-WORKS REAL-TIME PERFORMANCE MONITORING AND PREDICTION**
[54] **SURVEILLANCE ET PREVISION DES PERFORMANCES EN TEMPS REEL D'UN TREUIL DE FORAGE A COMPENSATION DE MOUVEMENT MARIN**
[72] MARTIN, TRENTON, US
[72] STEFANOS, RAFIK ISHAK, US
[72] BARR, AARON, US
[71] TRANSOCEAN SEDCO FOREX VENTURES LIMITED, KY
[85] 2017-08-23
[86] 2016-02-23 (PCT/US2016/019168)
[87] (WO2016/138019)
[30] US (62/119,537) 2015-02-23

[21] **2,977,678**
[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01)**
[25] EN
[54] **HAPLOID INDUCTION**
[54] **INDUCTION D'HAPLOIDES**
[72] BRITT, ANNE B., US
[72] KUPPU, SUNDARAM, US
[72] CHAN, SIMON (DECEASED), US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-08-23
[86] 2016-02-23 (PCT/US2016/019170)
[87] (WO2016/138021)
[30] US (62/120,274) 2015-02-24

[21] **2,977,682**
[13] A1
[51] **Int.Cl. B27L 11/08 (2006.01) B27N 3/04 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SEPARATING FIBERS IN WOOD LOGS**
[54] **APPAREIL ET PROCEDE POUR SEPARER DES FIBRES DANS DES RONDINS DE BOIS**
[72] ROONEY, KEVIN PATRICK, US
[72] THOMAS, WILLIAM ANDERSON, US
[72] WHITE, JAMES MICHAEL, US
[72] SEALE, ROY DANIEL, US
[72] WHITE, BOBBY LYN, US
[72] BARWICK, ADAM GLENN, US
[72] CLARK, DON ROBERTS, US
[71] SCRIMTEC HOLDINGS, LLC, US
[85] 2017-08-23
[86] 2016-02-23 (PCT/US2016/019181)
[87] (WO2016/138029)
[30] US (14/628,412) 2015-02-23

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[13] A1
[51] **Int.Cl. G01N 1/20 (2006.01) G01N 1/00 (2006.01) G01N 1/14 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR TAKING SAMPLES FROM A SLURRY FLOW**
[54] **APPAREIL PERMETTANT DE PRELEVER DES ECHANTILLONS D'UN ECOULEMENT DE BOUE**
[72] HAMILTON LEWIS-GRAY, ALEXANDER, AU
[71] GEKKO SYSTEMS PTY LTD, AU
[85] 2017-08-24
[86] 2016-02-15 (PCT/AU2016/000039)
[87] (WO2016/134403)
[30] AU (2015900676) 2015-02-26

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[13] A1
[51] **Int.Cl. C12N 15/09 (2006.01) A61K 31/713 (2006.01) C12N 15/00 (2006.01) C12Q 1/68 (2006.01) G01N 33/48 (2006.01) C07K 14/47 (2006.01) C12N 15/90 (2006.01)**
[25] EN
[54] **HOMOLOGOUS RECOMBINATION FACTORS**
[54] **FACTEURS DE RECOMBINAISON HOMOLOGUE**
[72] DUROCHER, DANIEL, CA
[72] NOORDERMEER, SYLVIE, CA
[72] ORTHWEIN, ALEXANDRE, CA
[71] SINAI HEALTH SYSTEM, CA
[85] 2017-08-24
[86] 2016-03-01 (PCT/CA2016/000057)
[87] (WO2016/138574)
[30] US (62/127,013) 2015-03-02
[30] US (62/222,542) 2015-09-23

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[13] A1
[51] **Int.Cl. C10G 32/02 (2006.01) C10C 3/14 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR REFINING HYDROCARBONS WITH ELECTROMAGNETIC ENERGY**
[54] **PROCEDE ET APPAREIL DE RAFFINAGE D'HYDROCARBURES FONCTIONNANT AVEC DE L'ENERGIE ELECTROMAGNETIQUE**
[72] BRODER, CALVAN ALLAN, CA
[71] 1836272 ALBERTA LTD., CA
[85] 2017-08-24
[86] 2016-02-25 (PCT/CA2016/050196)
[87] (WO2016/134476)
[30] US (62/120,670) 2015-02-25

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[13] A1
[51] **Int.Cl. A41D 13/00 (2006.01) A41B 9/06 (2006.01) A61B 5/00 (2006.01) A61B 5/01 (2006.01) A61B 5/04 (2006.01) A61B 5/11 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEMS AND METHODS FOR OPTIMIZING AND MASKING COMPRESSION IN A BIOSENSING GARMENT**
[54] **APPAREIL, SYSTEMES ET PROCEDES DESTINES A OPTIMISER ET MASQUER LA COMPRESSION DANS UN VETEMENT A BIOCAPTEURS**
[72] BERZOWSKA, JOANNA, CA
[72] CHANAY, FREDERIC, CA
[72] NURKKA, MARIA ELINA, CA
[71] OMSIGNAL INC, CA
[85] 2017-08-24
[86] 2016-02-26 (PCT/CA2016/050207)
[87] (WO2016/134484)
[30] US (62/126,134) 2015-02-27

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[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 36/00 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC WAVE CONCENTRATED HEATING AND HEAT-ACTIVATED CHEMICAL REACTIONS OF ENHANCED SENSITIZERS FOR ENHANCED OIL RECOVERY**
[54] **CHAUFFAGE CONCENTRE PAR ONDES ELECTROMAGNETIQUES ET REACTIONS CHIMIQUES ACTIVEES PAR LA CHALEUR DE SENSIBILISATEURS PERFECTIONNES PERMETTANT UNE MEILLEURE RECUPERATION DU PETROLE**
[72] PARK, SIMON, CA
[72] KIM, SEONGHWAN, CA
[72] VYAS, RUSHI, CA
[71] ESPARK ENERGY INC., CA
[85] 2017-08-24
[86] 2016-02-25 (PCT/CA2016/050197)
[87] (WO2016/134477)
[30] US (62/120,422) 2015-02-25

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[13] A1
[51] **Int.Cl. A63G 31/02 (2006.01) A63G 21/04 (2006.01)**
[25] EN
[54] **TILT AND DROP TRACK SWITCHING ELEMENT**
[54] **ELEMENT DE COMMUTATION DE VOIE D'INCLINAISON ET DE CHUTE**
[72] RUPP, DAVID ROBERT, US
[72] EMERICK-WHITSON, CYNTHIA LYNN, US
[71] DYNAMIC STRUCTURES, LTD., CA
[85] 2017-08-24
[86] 2016-03-01 (PCT/CA2016/050212)
[87] (WO2016/138580)
[30] US (62/127,865) 2015-03-04

[21] **2,977,697**
[13] A1
[51] **Int.Cl. A61K 31/353 (2006.01) A61K 9/06 (2006.01) A61K 9/08 (2006.01) A61P 9/10 (2006.01) A61P 27/02 (2006.01) A61P 27/06 (2006.01) A61P 27/12 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR TREATING OCULAR DISEASES**
[54] **COMPOSES POUR LE TRAITEMENT DE MALADIES OCULAIRES**
[72] LIAO, CHICHOU, CN
[71] SPRINGSKY BIOMED COMPANY LIMITED, TW
[85] 2017-08-24
[86] 2016-02-25 (PCT/CN2016/074533)
[87] (WO2016/134660)
[30] US (14/632,866) 2015-02-26

[21] **2,977,698**
[13] A1
[51] **Int.Cl. A63G 31/02 (2006.01) B61J 1/00 (2006.01)**
[25] EN
[54] **TRANSVERSE RAIL SWITCHING ELEMENT**
[54] **ELEMENT DE COMMUTATION DE RAIL TRANSVERSAL**
[72] RUPP, DAVID ROBERT, US
[72] EMERICK-WHITSON, CYNTHIA LYNN, US
[71] DYNAMIC STRUCTURES, LTD., CA
[85] 2017-08-24
[86] 2016-03-01 (PCT/CA2016/050213)
[87] (WO2016/138581)
[30] US (62/127,446) 2015-03-03

[21] **2,977,700**
[13] A1
[51] **Int.Cl. B65B 5/00 (2006.01) B65B 5/02 (2006.01) B65B 5/04 (2006.01) B65B 55/00 (2006.01) B65B 55/02 (2006.01) B65B 55/12 (2006.01) B65B 57/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PACKAGING INSTRUMENTS**
[54] **SYSTEMES ET PROCEDES POUR EMBALLER DES INSTRUMENTS**
[72] BAKER, RUSSELL, US
[72] ZELNER, LAWRENCE, US
[71] RST AUTOMATION LLC, US
[85] 2017-08-23
[86] 2016-03-11 (PCT/US2016/022207)
[87] (WO2016/145413)
[30] US (62/132,212) 2015-03-12

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[13] A1
[51] **Int.Cl. B01F 7/00 (2006.01) B01F 7/10 (2006.01)**
[25] EN
[54] **STIRRING DEVICE**
[54] **SYSTEME D'ORGANE D'AGITATION**
[72] MULTNER, BENJAMIN, DE
[72] KELLER, WOLFGANG, FR
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[72] DESHPANDE, SACHIN G., US
[71] SHARP KABUSHIKI KAISHA, JP
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[54] **PROCEDES D'ECHANGE D'INFORMATIONS D'ETAT DE LECTURE MULTIMEDIA**
[72] DESHPANDE, SACHIN G., US
[71] SHARP KABUSHIKI KAISHA, JP
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[54] **EXTRAIT DE PROPOLIS TAIWANAISE POUR LE TRAITEMENT DE MALADIES OCULAIRES**
[72] LIAO, CHICHOU, CN
[71] SPRINGSKY BIOMED COMPANY LIMITED, TW
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[54] **AGENCEMENT DE BARRES D'AGITATION ET RECIPIENT DE TRANSPORT ET DE STOCKAGE DE LIQUIDES EQUIPE D'UN AGENCEMENT DE BARRES D'AGITATION**
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[72] BLOMER, PETER, DE
[72] PAUL, ULRICH, DE
[71] PROTECHNA S.A., CH
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[54] **EXTENSIONS DE SIGNALISATION DE SERVICE**
[72] DESHPANDE, SACHIN G., US
[71] SHARP KABUSHIKI KAISHA, JP
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[54] **CASQUE A SYSTEME DE MASQUE**
[72] BORNHOLDT, MELISSA CATHERINE, NZ
[72] BETTERIDGE, MAX LEON, NZ
[72] OLSEN, GREGORY JAMES, NZ
[72] MCLAREN, MARK ARVIND, NZ
[72] IP, BERNARD TSZ LUN, NZ
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[54] **SYSTEME DE LOCALISATION D'UN VEHICULE MONTE SUR VOIE DE GUIDAGE**
[72] GREEN, ALON, CA
[72] IGNATIUS, RODNEY, CA
[72] WHITWAM, FIRTH, CA
[72] KINIO, WALTER, CA
[72] DIMMER, DAVID, CA
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[54] **DISPOSITIF ET PROCEDE DE GESTION DE LA CHARGE ET DE LA DECHARGE D'ULTRACONDENSATEURS SANS CABLAGE DE COMMANDE**
[72] CABALLERO ATIENZAR, MANUEL ALONSO, ES
[71] GESTIMA SOLAR S.L., ES
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[54] **COMPOSITIONS AND COMBINATIONS FOR THE TREATMENT OF ANGIOGENESIS DISEASES AND DISORDERS**
[54] **COMPOSITIONS ET ASSOCIATIONS DESTINEES AU TRAITEMENT DE MALADIES ET DE TROUBLES DE L'ANGIOGENESE**
[72] SREDNI, BENJAMIN, IL
[71] FERAMDA LTD., IL
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[54] **REACTEUR D'OXYDO-REDUCTION SEQUENTIELLE POUR SYSTEME GC/FID DE REACTION POST-COLONNE**
[72] JONES, ANDREW, US
[71] ACTIVATED RESEARCH COMPANY, LLC, US
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[54] **SYSTEM AND METHOD FOR ASSOCIATING MESSAGES WITH MEDIA DURING PLAYING THEREOF**
[54] **SYSTEME ET PROCEDE D'ASSOCIATION DE MESSAGES AVEC UN CONTENU MULTIMEDIA, DURANT LA LECTURE DE CE CONTENU**
[72] VAKNIN, OFER, IL
[72] MOR, YOAV, IL
[71] SECOND SCREEN VENTURES LTD., IL
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[54] **APPARATUS AND METHOD FOR CALCINATION OF GYPSUM**
[54] **APPAREIL ET PROCEDE DE CALCINATION DE GYPSE**
[72] NIIMI, KATSUMI, JP
[72] ENDO, KAZUMI, JP
[72] TAKENAKA, TAKESHI, JP
[72] NITOH, KOUJI, JP
[71] YOSHINO GYPSUM CO., LTD., JP
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[71] OUTSENSE DIAGNOSTICS LTD., CV
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[54] **PROCEDE DE FABRICATION DE SUBSTRATS POUR FROTTER ET SUBSTRATS AINSI OBTENUS**
[72] WHITE, EDWARD JASON, US
[72] HUGLEY, SAMUEL, US
[71] THE CLOROX COMPANY, US
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[54] **DISPOSITIF DE MESURE DE LA DOULEUR ET SYSTEME DE MESURE DE LA DOULEUR**
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[71] OSAKA UNIVERSITY, JP
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[54] **A METHOD FOR CONVERTING ELEMENTS, SUCH AS CALCIUM, COPPER, MAGNESIUM, AND CESIUM, INTO MORE USEFUL ELEMENTS, AND A METHOD FOR MAKING RADIOACTIVE SUBSTANCES HARMLESS BY APPLYING THIS ELEMENT CONVERISON METHOD**
[54] **PROCEDE DE TRANSMUTATION D'ELEMENTS COMME LE CALCIUM, LE CUIVRE, LE MAGNESIUM OU LE CESIUM EN ELEMENTS PLUS UTILES, ET PROCEDE DE DETOXIFICATION DE SUBSTANCE RADIOACTIVE EN APPLIQUANT UNE TECHNIQUE DE TRANSMUTATION D'ELEMENTS**
[72] OMASA, RYUSHIN, JP
[71] JAPAN TECHNO CO., LTD., JP
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[54] **SUPPORT DE LENTILLE OPHTALMIQUE POUR LE DEPOT PHYSIQUE EN PHASE VAPEUR**
[72] BOULINEAU, MICHAEL S., US
[72] GOEBEL, SANDY, US
[72] CAMPBELL, GLENN M., US
[72] EGGART, KYLE, US
[72] MOXON, JOHN THOMAS, US
[72] MARSHALL, MICHAEL L., US
[71] VISION EASE, LP, US
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[54] **MOTEUR SANS BALAI ET BICYCLETTE ELECTRIQUE LE COMPRENANT**
[72] NAGATA, TOSHIHIKO, JP
[72] TAKAGI, YASUFUMI, JP
[72] SHIRAISHI, TOMONARI, JP
[71] YAMAHA MOTOR ELECTRONICS CO., LTD., JP
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[54] **SYSTEME D'OCULAIRE JETABLE POUR APPAREIL DE BALAYAGE OCULAIRE A ULTRASONS**
[72] HEATH, GARY, US
[72] LEVIEN, ANDREW K., US
[72] WATSON, JOHN D., US
[71] ARCSCAN, INC., US
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[54] **CAPTEUR D'ANALYTE**
[72] DEHENNIS, ANDREW, US
[72] TANKIEWICZ, SZYMON, US
[72] WHITEHURST, TODD, US
[71] SENSEONICS, INCORPORATED, US
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[54] **IMMUNOLOGICAL MEASUREMENT METHOD FOR L-FABP AND MEASUREMENT REAGENT USED IN SAID METHOD**
[54] **PROCEDE DE DOSAGE IMMUNOLOGIQUE DE L-FABP ET REACTIF DE DOSAGE UTILISE DANS LEDIT PROCEDE**
[72] KOBAYASHI, KOJI, JP
[72] MATSUMOTO, TAKUJI, JP
[72] YAMAMOTO, MITSUAKI, JP
[71] SEKISUI MEDICAL CO., LTD., JP
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING, INCLUDING PREVENTING, PARVOVIRUS INFECTIONS AND RELATED DISEASES**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT ET DE PREVENTION DES INFECTIONS PAR PARVOVIRUS ET DES MALADIES ASSOCIEES**
[72] GHIM, SHIN-JE, US
[72] JENSON, A. BENNETT, US
[72] TRENT, JOHN O., US
[71] UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATON, INC., US
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[54] **PROCEDE ET SYSTEME DE REMPLISSAGE DE GAZ COMPRIME**
[72] GRIMMER, ANDY, US
[72] CLOYD, RONALD, US
[72] SALBERG, RYAN, US
[72] ZEPP, STEVE, US
[71] GILBARCO INC., US
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[54] **PYRIMIDINE DERIVATIVES AS KINASE INHIBITORS AND THEIR THERAPEUTICAL APPLICATIONS**
[54] **DERIVES DE PYRIMIDINE COMME INHIBITEURS DE KINASE ET APPLICATIONS THERAPEUTIQUES ASSOCIEES**
[72] TAO, CHUNLIN, US
[72] WANG, QINWEI, US
[72] NALLAN, LAXMAN, US
[72] HO, DAVID, US
[72] POLAT, TULAY, US
[72] ARP, FORREST, US
[72] WEINGARTEN, PAUL, US
[71] NANTBIOSCIENCE, INC., US
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[54] **DETECTION DE VARIATIONS DIFFERENTIELLES MULTI-ECHANTILLONS**
[72] BRUESTLE, JEREMY JOSEPH, US
[72] DREES, BECKY L., US
[71] SPIRAL GENETICS, INC., US
[85] 2017-08-24
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[54] **SYSTEME MICROFLUIDIQUE A FLUX CONTINU**
[72] RAMSAY, EUAN, CA
[72] TAYLOR, ROBERT JAMES, CA
[72] LEAVER, TIMOTHY, CA
[72] WILD, ANDRE, CA
[72] OU, KEVIN, CA
[72] WALSH, COLIN, US
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
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[54] **ITERATIVE RAY-TRACING FOR AUTOSCALING OF OBLIQUE IONOGRAMS**
[54] **LANCER DE RAYON ITERATIF POUR MISE A L'ECHELLE AUTOMATIQUE D'IONOGRAMMES OBLIQUES**
[72] CROWLEY, GEOFFREY, US
[72] DULY, TIMOTHY M., US
[72] WINKLER, CLIVE, US
[72] AZEEM, SYED IRFAN, US
[71] ATOMOSPHERIC AND APACE TECHNOLOGY RESEARCH ASSOCIATES, LLC, US
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[54] **CHILD-RESISTANT PACKAGING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'EMBALLAGE A L'EPREUVE DES ENFANTS**
[72] EVERETT, MUNSON WHITMAN, US
[71] EVERETT, MUNSON WHITMAN, US
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[25] EN
[54] **SELF-HEALING CAPACITOR AND METHODS OF PRODUCTION THEREOF**
[54] **CONDENSATEUR AUTOREGENERATEUR ET SES PROCEDES DE PRODUCTION**
[72] KELLY-MORGAN, IAN S.G., US
[72] LAZAREV, PAVEL IVAN, US
[71] CAPACITOR SCIENCES INCORPORATED, US
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[30] US (62/121,328) 2015-02-26
[30] US (15/053,943) 2016-02-25

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[51] **Int.Cl. A23G 3/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR RETARDER-TO-OVEN DOUGH PRODUCT**
[54] **SYSTEMES ET PROCEDES POUR UN PRODUIT DE PATE POUVANT ETRE TRANSFERE D'UNE CHAMBRE DE FERMENTATION FROIDE A UN FOUR**
[72] ROBERTSON, DEREK, US
[71] ARYZTA LLC, US
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[30] US (62/120,773) 2015-02-25

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[54] **VIRAL VECTORS FOR PROPHYLAXIS AND THERAPY OF HEMOGLOBINOPATHIES**
[54] **VECTEURS VIRAUX POUR LA PROPHYLAXIE ET LA THERAPIE D'HEMOGLOBINOPATHIES**
[72] RIVELLA, STEFANO, US
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[72] KHOSRAVI SIMCHI, SEPIDEH, CA
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[25] EN
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[54] **TUYAU EN ACIER, STRUCTURE DE TUYAU EN ACIER, PROCEDE DE FABRICATION ET PROCEDE DE CONCEPTION DE TUYAU EN ACIER**
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[72] IGI, SATOSHI, JP
[71] JFE STEEL CORPORATION, JP
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[54] **USER TERMINAL, RADIO COMMUNICATION SYSTEM, AND RADIO COMMUNICATION METHOD**
[54] **TERMINAL UTILISATEUR, SYSTEME DE COMMUNICATION SANS FIL ET PROCEDE DE COMMUNICATION SANS FIL**
[72] TAKEDA, KAZUKI, JP
[72] NAGATA, SATOSHI, JP
[71] NTT DOCOMO, INC., JP
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[54] **STEEL WIRE SURFACE TREATMENT METHOD AND SURFACE TREATMENT LINE**
[54] **PROCEDE DE TRAITEMENT DE SURFACE DE FIL D'ACIER ET LIGNE DE TRAITEMENT DE SURFACE**
[72] NAKANO, SATOSHI, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
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[54] **COMPOSITION POUR LA PREVENTION OU LE TRAITEMENT DE LA CALCIFICATION DE VALVULE ET CONTENANT UN INHIBITEUR DE DPP-4**
[72] CHANG, EUN-JU, KR
[72] SONG, JAE-KWAN, KR
[72] KIM, MI JEONG, KR
[71] THE ASAN FOUNDATION, KR
[71] UNIVERSITY OF ULSAN FOUNDATION FOR INDUSTRY COOPERATION, KR
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[54] **DRUM UNIT, CARTRIDGE AND COUPLING MEMBER**
[54] **UNITE TAMBOUR, CARTOUCHE ET ELEMENT D'ACCOUPLEMENT**
[72] UESUGI, TETSUO, JP
[72] HAYASHIDA, MAKOTO, JP
[72] YAMAGUCHI, KOJI, JP
[72] YANO, TAKASHI, JP
[71] CANON KABUSHIKI KAISHA, JP
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[54] **BALAYAGE D'ENVIRONNEMENTS ET SUIVI DE DRONES**
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[72] SCHUETT, NATHAN, US
[72] BUSEK, NAIMISARANYA DAS, US
[71] PRENAV INC., US
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[54] **TRANSMITTER AND PARITY PERMUTATION METHOD THEREOF**
[54] **EMETTEUR ET PROCEDE DE PERMUTATION DE PARITE DE CELUI-CI**
[72] JEONG, HONG-SIL, KR
[72] KIM, KYUNG-JOONG, KR
[72] MYUNG, SE-HO, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **CUSHION FOR PATIENT INTERFACE DEVICE, BREATHING MASK WITH CUSHION, AND METHOD AND APPARATUS FOR SAME**
[54] **COUSSIN POUR UN DISPOSITIF D'INTERFACE PATIENT, MASQUE RESPIRATOIRE AYANT UN COUSSIN, AINSI QUE PROCEDE ET APPAREIL POUR CELUI-CI**
[72] ELLIS, MICHAEL P., US
[71] MASK SOLUTIONS LLC, US
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[25] EN
[54] **SECURITY ARRANGEMENTS IN COMMUNICATION BETWEEN A COMMUNICATION DEVICE AND A NETWORK DEVICE**
[54] **AGENCEMENTS DE SECURITE DANS UNE COMMUNICATION ENTRE UN DISPOSITIF DE COMMUNICATION ET UN DISPOSITIF RESEAU**
[72] NASLUND, MATS, SE
[72] SAHLIN, BENGT, FI
[72] NORRMAN, KARL, SE
[72] ARKKO, JARI, FI
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **AN INSPECTION SYSTEM FOR CABLE, PIPE OR WIRE TRANSITS**
[54] **SYSTEME D'INSPECTION POUR CABLE, TUYAU OU PASSAGES DE CABLES**
[72] BOHLIN, JENS, SE
[72] LANDQVIST, JORGEN, SE
[72] HILDINGSSON, ULF, SE
[71] ROXTEC AB, SE
[85] 2017-08-25
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[54] **VEHICLE NAVIGATION METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS**
[54] **PROCEDES, SYSTEMES ET PRODUITS-PROGRAMMES INFORMATIQUES POUR LA NAVIGATION DE VEHICULES**
[72] CONNOR, SIDNEY A., US
[72] STEVENS, J. STEDMAN, US
[71] VU SYSTEMS, LLC, US
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[54] **HIGH STRETCH RATIO PREFORMS AND RELATED CONTAINERS AND METHODS**
[54] **PREFORMES A RAPPORT D'ETIRAGE ELEVE ET RECIPIENTS ET PROCEDES ASSOCIES**
[72] KNIGHT, BRANDON W., US
[72] GEORGE, PATRICK T., US
[72] BRUNSON, DAVID A., US
[71] DR PEPPER/SEVEN UP, INC., US
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[54] **REDUCTION DES TISSUS ADIPEUX**
[72] DOBAK, JOHN DANIEL, US
[71] DOBAK, JOHN DANIEL, US
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[54] **FILLERS**
[54] **CHARGES**
[72] KIRBY, KURT, US
[72] DECKER, OWEN H., US
[72] DUNCAN, PAMELA, US
[72] LAVEN, JEFFREY J., US
[71] POLYNT COMPOSITES USA INC., US
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[54] **MODULATEURS SPECIFIQUES ALLELIQUES DE LA RHODOPSINE P23H**
[72] MURRAY, SUSAN F., US
[72] SETH, PUNIT P., US
[72] MCCALEB, MICHAEL L., US
[72] FREIER, SUSAN M., US
[72] SINGH, PRIYAM, US
[71] IONIS PHARMACEUTICALS, INC., US
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[54] **TECHNIQUES FOR PRODUCING QUANTUM AMPLIFIERS AND RELATED SYSTEMS AND METHODS**
[54] **TECHNIQUES DE PRODUCTION D'AMPLIFICATEURS QUANTIQUES ET SYSTEMES ET PROCEDES ASSOCIES**
[72] SZOCS, LASZLO J., US
[72] NARLA, ANIRUDH, US
[72] HATRIDGE, MICHAEL, US
[72] SLIWA, KATRINA, US
[72] SHANKAR, SHYAM, US
[72] FRUNZIO, LUIGI, US
[72] DEVORET, MICHEL, US
[71] YALE UNIVERSITY, US
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[54] **FLEXIBLE CHEMICAL PRODUCTION PLATFORM**
[54] **PLATE-FORME DE PRODUCTION CHIMIQUE SOUPLE**
[72] SOOKRAJ, SADESH H., US
[71] NOVOMER, INC., US
[85] 2017-08-09
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[25] EN
[54] **MODULATION OF APOLIPOPROTEIN C-III (APOCIII) EXPRESSION IN LIPODYSTROPHY POPULATIONS**
[54] **MODULATION DE L'EXPRESSION DE L'APOLIPOPROTEINE C-III (APOCIII) DANS DES POPULATIONS TOUCHEES PAR LA LIPODYSTROPHIE**
[72] DIGENIO, ANDRES, US
[71] IONIS PHARMACEUTICALS, INC., US
[85] 2017-08-25
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[54] **IMAGING SYSTEMS AND METHODS OF USING THE SAME**
[54] **SYSTEMES D'IMAGERIE ET LEURS PROCEDES D'UTILISATION**
[72] SOBIERANSKI, ANTONIO CARLOS, BR
[72] DEMIRCI, UTKAN, US
[72] TEKIN, HUSEYIN CUMHUR, TR
[72] INCI, FATIH, US
[71] BRIGHAM AND WOMEN'S HOSPITAL, INC., US
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[54] **ACOUSTIC SIGNAL TRANSMISSION COUPLANTS AND COUPLING MEDIUMS**
[54] **AGENTS DE COUPLAGE POUR L'EMISSION DE SIGNAUX ACOUSTIQUES ET MILIEUX DE COUPLAGE**
[72] FREIBURG, EVAN, US
[72] KRUSE, DUSTIN, US
[71] DECISION SCIENCES MEDICAL COMPANY, LLC, US
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[54] **MOLECULES PERTURBANT LA PYRUVATE KINASE M2 ET L'INTERACTION DE L'INTEGRINE ET LEURS UTILISATIONS**
[72] LIU, ZHI-REN, US
[72] LI, LIANGEIWEI, US
[72] ZHANG, YINWEI, US
[71] PRODA BIOTECH LLC, US
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[54] **SYSTEM AND METHOD FOR TREATING ITEMS WITH INSECTICIDE**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'ARTICLES A L'AIDE D'UN INSECTICIDE**
[72] OLSON, JOELLE, US
[72] TISCHLER, SHERRI, US
[71] ECOLAB USA INC., US
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[54] **DETERMINING ENERGY USAGE OF A RESIDENCE BASED ON CURRENT MONITORING**
[54] **DETERMINATION D'UTILISATION D'ENERGIE D'UNE RESIDENCE BASEE SUR UNE SURVEILLANCE DE COURANT**
[72] LACHMAN, BENJAMIN J., US
[72] KINNEY, ROBIN J., US
[71] POTENTIAL LABS, LLC, US
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[54] **PORCINE EPIDEMIC DIARRHEA VIRUS STRAINS AND IMMUNOGENIC COMPOSITIONS THEREFROM**
[54] **SOUCHES DU VIRUS DE LA DIARRHEE EPIDEMIQUE PORCINE ET COMPOSITIONS IMMUNOGENES TIREES DE CELLES-CI**
[72] ZHANG, JIANQIANG, US
[72] CHEN, QI, US
[72] GAUGER, PHILLIP, US
[72] MADSON, DARIN, US
[72] HARDHAM, JOHN MORGAN, US
[72] BANDRICK, MEGGAN, US
[72] CALVERT, JAY GREGORY, US
[72] THOMPSON, JAMES RICHARD, US
[72] STOEVA, MIRA IVANOVA, US
[72] VALDEZ, WALTER, US
[71] IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US
[71] ZOETIS SERVICES LLC, US
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[25] EN
[54] **DISPOSABLE ABSORBENT CORE AND DISPOSABLE ABSORBENT ASSEMBLY INCLUDING SAME, AND METHOD OF MAKING SAME**
[54] **NOYAU ABSORBANT JETABLE ET ENSEMBLE ABSORBANT JETABLE LE COMPRENANT, ET SON PROCEDE DE FABRICATION**
[72] WANG, BRANDON SHUI LING, CN
[72] WRIGHT, ANDREW C., GB
[72] VARONA, EUGENIO, US
[71] DSG TECHNOLOGY HOLDINGS LTD., VG
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[54] **PROCESS AND KIT FOR PREDICTING ANTIBIOTIC RESISTANCE AND SUSCEPTIBILITY OF BACTERIA**
[54] **PROCEDE ET KIT PERMETTANT DE PREDIRE LA RESISTANCE ET LA SENSIBILITE DES BACTERIES AUX ANTIBIOTIQUES**
[72] CHATTOPADHYAY, SUJAY, US
[72] SOKURENKO, EVGENI, US
[71] IDGENOMICS, INC., US
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[54] **SYSTEME DE COMMANDE POUR DISPOSITIF DE DETECTION DE PRESENCE DE SIGNAL ET SYSTEME DOMOTIQUE**
[72] HARARY, JOSEPH M., US
[72] VAN VOORHEES, SETH, US
[72] SLOVAK, STEVEN M., US
[71] RESEARCH FRONTIERS INCORPORATED, US
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[54] **SUBSTITUTED PYRAZOLE COMPOUNDS AS SERINE PROTEASE INHIBITORS**
[54] **COMPOSES PYRAZOLE SUBSTITUES A UTILISER EN TANT QU'INHIBITEURS DE SERINE PROTEASE**
[72] SHORT, KEVIN MICHAEL, US
[72] ESTIARTE-MARTINEZ, MARIA DE LOS ANGELES, US
[72] KITA, DAVID BEN, US
[72] SHIAU, TIMOTHY PHILIP, US
[71] VERSEON CORPORATION, US
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[25] EN
[54] **DUAL FUNCTION MOLECULES FOR HISTONE DEACETYLASE INHIBITION AND ATAXIA TELANGIECTASIA MUTATED ACTIVATION AND METHODS OF USE THEREOF**
[54] **MOLECULES A DOUBLE FONCTION POUR L'INHIBITION DE L'HISTONE DESACETYLASE ET L'ACTIVATION DE L'ATAXIE TELANGIECTASIE MUTEE ET PROCEDES D'UTILISATION ASSOCIES**
[72] GRINDROD, SCOTT, US
[72] JUNG, MIRA, US
[72] BROWN, MILTON, US
[72] DRITSCHILO, ANATOLY, US
[71] SHUTTLE PHARMACEUTICALS, LLC, US
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[54] **CABLES FORMED FROM HALOGEN-FREE COMPOSITIONS HAVING FIRE RETARDANT PROPERTIES**
[54] **CABLES FORMES A PARTIR DE COMPOSITIONS DEPOURVUES D'HALOGENE AYANT DES PROPRIETES IGNIFUGES**
[72] CLANCY, TIMOTHY JOHN, US
[72] LEE, ELLIOT BYUNGHWA, US
[72] MALINOSKI, JON MICHAEL, US
[72] SIRIPURAPU, SRINIVAS, US
[71] GENERAL CABLE TECHNOLOGIES CORPORATION, US
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[54] **COATING SCAFFOLDS**
[54] **ECHAFAUDAGES A REVETEMENT**
[72] JONGPAIBOONKIT, LEENAPORN, US
[72] MURPHY, WILLIAM L., US
[72] SCHULZKI, SHARON VIRGINIA, US
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[72] GRAY, ALEX L., US
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[72] RENZ, ANDREAS, DE
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[72] WASIELEWSKI, RAY C., US
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[54] **USE OF MOLECULAR CHAPERONES FOR THE ENHANCED PRODUCTION OF SECRETED, RECOMBINANT PROTEINS IN MAMMALIAN CELLS**
[54] **UTILISATION DE CHAPERONS MOLECULAIRES POUR AUGMENTER LA FABRICATION DE PROTEINES SECRETEES RECOMBINANTES DANS LES CELLULES MAMMALIENNES**
[72] CHAN, SHAM-YUEN, US
[72] TANG, HSINYI YVETTE, US
[72] TAO, YIWEN, US
[72] WU, YONGJIAN, US
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[54] **ACURATE SUTURING NEEDLE**
[54] **AIGUILLE DE SUTURE ARQUEE**
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[72] AHO, JOHN, US
[72] BASKE, ROGER, US
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