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Office Record

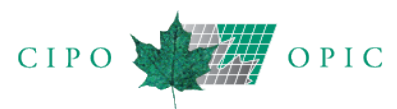
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THE CANADIAN PATENT OFFICE RECORD

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.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

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.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

Avis

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

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'identification 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).

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

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.

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. 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. 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.

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.

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.

8. List of Patents Available for Licence or Sale

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

None

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

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

Aucun

9. Applications Open to Public Inspection

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

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).

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After December 29, 2015

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1782*
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 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.

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. 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. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 29 décembre 2015

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1782 \$*
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 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.

Notices

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)) \$268

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

* International fees will be reduced by:

- \$135 for all applications filed using PCT-EASY,
- \$268 for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- \$402 for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

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).

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 57.2a) 268 \$

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

* Les frais seront réduits de:

- 135 \$ pour toutes les demandes déposées en utilisant PCT-EASY,
- 268 \$ pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- 402 \$ 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. 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

STATUTORY HOLIDAYS (*DIES NON*)

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) 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.*

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, Québec; an Industry Canada regional office; or a Registered Mail establishment) 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, Québec.

Operationally, 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 they are properly entitled to any needed extension of the time limit.

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 Trade-marks 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, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans les lois régissant 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'Industrie Canada ou un établissement de Courrier recommandé) 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 un télécopieur, seraient 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. En conséquence, 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.

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 du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Notices

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:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

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

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 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.

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:

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 :

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

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

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 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 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.

Jours fériés provinciaux ou territoriaux

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

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- 1) **Alberta:** 3rd Monday in February (Alberta Family Day)
 - 2) **British Columbia:** 1st Monday in August (British Columbia Day)
 - 3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
 - 4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
 - 5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
 - 6) **Quebec:** June 24 (St. John the Baptist Day)
 - 7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
 - 8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business
- 1) **Alberta :** 3e lundi de février (Jour de la Famille de l'Alberta)
 - 2) **Colombie-Britannique :** 1er lundi d'août (Fête de la Colombie-Britannique)
 - 3) **Nouveau-Brunswick :** 1er lundi d'août (Fête du Nouveau-Brunswick)
 - 4) **Nouvelle-Écosse :** 1er lundi d'août (congé statutaire)
 - 5) **Ontario :** 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statutaire)
 - 6) **Québec :** 24 juin (Saint-Jean-Baptiste)
 - 7) **Saskatchewan :** 1er lundi d'août (Fête de la Saskatchewan)
 - 8) **Yukon :** 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

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

All Saturdays and Sundays

*New Year's Day (Jan. 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, the Patent and Trade-marks 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 Patent and Trade-marks Offices will be closed on the following Monday.

14. 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.

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

Tous les samedi et dimanche

*Jour de l'An (1er janvier)

Vendredi Saint

Lundi de Pâques

Fête de Victoria - premier lundi précédant immédiatement 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 des brevets et des marques de commerce 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.

14. 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.

Notices

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 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.

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 (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.*

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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).

15. Correspondence Procedures

May 24, 2016

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.*

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 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 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.

Note regarding Fee Payment Forms: 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](#).

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).

15. Procédures de correspondance

le 24 mai, 2016

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.*

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 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 pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veillez 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.

Note concernant le formulaire de paiements: 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](#).

Notices

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. Industry Canada
C.D. Howe Building
235 Queen Street, Room S-143
Ottawa ON K1A 0H5
Tel.: 613-952-2268

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
2. Industry Canada
Sun Life Building
1155 Metcalfe Street, Room 950
Montreal QC 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. Industry 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. Industry 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. Industry 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

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. Industrie Canada
Édifce C.D. Howe
235, rue Queen, pièce S-143
Ottawa (Ontario) K1A 0H5
Tél. : 613-952-2268

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
2. Industrie Canada
Édifce Sun Life
1155, rue Metcalfe, bureau 950
Montréal (Québec) H3B 2V6
Tél. : 514-496-1797
Sans frais : 1-888-237-3037

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

Avis

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. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

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

2. Registered Mail™ and Xpresspost™ Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark 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 establishment 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.

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.

3. 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 via [CIPO's Web](#) site 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

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

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

2. Service 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 établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, 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.

3. 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 sur le [site web de l'OPIC](#) 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

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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.

3.1 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 (953-2476) or
819-953-OPIC (953-6742)

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.

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.

3.2 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 via [CIPO's Web site](#).

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.

3.1 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 (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise 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 recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoi. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquiescement 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.

3.2 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 sur le [site Web de l'OPIC](#).

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- [filing an application](#) (regular application);
- [filing a request for national entry](#);
- [filing an international application](#) (PCT Safe and ePCT);
- [general correspondence relating to applications and patents](#);
- [maintaining the name of a patent agent on the register of patent agents](#);
- [ordering copies in paper, or electronic form of a document](#).

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, 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](#).

Trade-marks

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 via CIPO's Web site, by accessing the following web pages:

- [filing a new or revised trade-mark application](#);
- [renewal of a trade-mark registration](#);
- [request to enter a name on the list of trade-mark agents](#);
- [annual renewal of a trade-mark agent](#);
- [requesting copies of trade-mark documents](#);
- [filing of a declaration of use](#);
- [registration of a trade-mark application](#); and
- [statement of Opposition](#); and
- [extensions of time in trade-mark opposition cases](#).

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyée par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- [déposer une demande](#) (demande régulière);
- [déposer une demande d'entrée dans la phase nationale](#);
- [déposer une demande internationale](#) (PCT Safe et ePCT);
- [correspondance générale concernant des demandes et des brevets](#);
- [maintien du nom d'un agent de brevets dans le registre des agents de brevets](#);
- [commande de copies papier ou d'un document sous forme électronique](#).

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

Conformément à la Règle 89*bis* 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](#).

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 transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web 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](#).

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Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web 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 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](#).

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 via CIPO's web site, by accessing the following web 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](#).

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 via CIPO's web site, by accessing the following web pages:

- [general correspondence relating to integrated circuit topographies](#).

3.3 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

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 sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web 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](#);
- [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](#).

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 sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web 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](#).

Topographies de circuits intégrés

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 sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [correspondance générale relative aux topographies de circuits intégrés](#).

3.3 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.

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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 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

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 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

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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 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.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site 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 & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

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 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.

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web 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'OPIB 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;

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- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII Format:

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

Format 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 subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site 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 1/2" 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 1/2" 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.

5. General Information

General information may be obtained by communicating with CIPO's [Client Service Centre](#).

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 électroniquement par le site Web 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 « Stellant 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 les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

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

Notices

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of September 6, 2016 contains applications open to public inspection from August 21, 2016 to August 27, 2016.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 6 septembre 2016 contient les demandes disponibles au public pour consultation pour la période du 21 août 2016 au 27 août 2016.

Canadian Patents Issued

September 6, 2016

Brevets canadiens délivrés

6 septembre 2016

[11] **2,319,538**
[13] C

[51] **Int.Cl. G06F 21/00 (2013.01) H04N 21/254 (2011.01) H04N 21/4627 (2011.01) H04N 21/6334 (2011.01) H04K 1/00 (2006.01) H04L 9/32 (2006.01)**

[25] EN

[54] **INFORMATION ACCESS CONTROL SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE CONTROLE D'ACCES A DES INFORMATIONS**

[72] GOLDSCHLAG, DAVID M., US

[72] KRAVITZ, DAVID W., US

[73] GOOGLE INC., US

[85] 2000-08-03

[86] 1999-02-19 (PCT/US1999/003275)

[87] (WO1999/043120)

[30] US (60/075,433) 1998-02-20

[30] US (60/081,766) 1998-04-15

[30] US (60/081,739) 1998-04-15

[30] US (60/110,021) 1998-11-25

[30] US (60/116,002) 1999-01-15

[30] US (60/097,845) 1998-08-25

[11] **2,454,183**
[13] C

[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01) A61P 31/12 (2006.01) A61P 31/14 (2006.01) C07H 21/02 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS FOR RNAI MEDIATED INHIBITION OF GENE EXPRESSION IN MAMMALS**

[54] **METHODES ET COMPOSITIONS POUR L'INHIBITION INDUITE PAR L'ARNI DE L'EXPRESSION GENETIQUE CHEZ DES MAMMIFERES**

[72] KAY, MARK, US

[72] MCCAFFREY, ANTON, US

[73] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US

[85] 2004-01-16

[86] 2002-07-19 (PCT/US2002/022869)

[87] (WO2003/010180)

[30] US (60/307,411) 2001-07-23

[30] US (60/360,664) 2002-02-27

[11] **2,480,645**
[13] C

[51] **Int.Cl. H04W 72/04 (2009.01) H04J 3/00 (2006.01)**

[25] EN

[54] **ALLOCATING TRAFFIC CHANNELS IN A COMMUNICATIONS SYSTEM**

[54] **ALLOCATION DE VOIES DE TRAFIC DANS UN SYSTEME DE COMMUNICATIONS**

[72] CORNETT, JOHN B., JR., US

[72] JOHNSON, KEVIN P., US

[72] NELSON, GEORGE R., JR., US

[73] IPR LICENSING, INC., US

[85] 2004-09-30

[86] 2003-01-22 (PCT/US2003/001967)

[87] (WO2003/063518)

[30] US (60/350,835) 2002-01-22

[11] **2,493,302**
[13] C

[51] **Int.Cl. G06Q 30/02 (2012.01) H04L 12/58 (2006.01) H04L 29/06 (2006.01)**

[25] EN

[54] **INTEGRATED INTERACTIVE MESSAGING SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE MESSAGERIE INTERACTIVE INTEGREE**

[72] HEWES, GERALD, US

[72] HWANG, BOON, US

[72] NANDIWADA, SRINIVASARAO, US

[72] PRIYADARSHAN, ESWAR, US

[73] M-QUBE, INC., US

[85] 2005-01-19

[86] 2003-07-18 (PCT/US2003/023642)

[87] (WO2004/010593)

[30] US (60/397,402) 2002-07-19

[11] **2,498,249**
[13] C

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 39/00 (2006.01) A61P 31/00 (2006.01) C07K 14/435 (2006.01) C07K 16/18 (2006.01)**

[25] EN

[54] **OSTERTAGIA VACCINE**

[54] **VACCIN CONTRE L'OSTERTAGIA**

[72] GELDHOFF, PETER, BE

[72] VERCAUTEREN, ISABEL, BE

[72] CLAEREBOUT, EDWIN, BE

[72] VERCRUYSSSE, JOZEF, BE

[72] DE MAERE, VEERLE, BE

[73] UNIVERSITEIT GENT, BE

[85] 2005-03-09

[86] 2003-09-11 (PCT/EP2003/010189)

[87] (WO2004/024769)

[30] US (10/243,319) 2002-09-13

**Canadian Patents Issued
September 6, 2016**

[11] **2,516,479**
[13] C

[51] **Int.Cl. G06T 1/00 (2006.01) G06F 3/12 (2006.01) G06K 19/06 (2006.01) G06T 11/60 (2006.01) H04L 12/16 (2006.01) G06Q 40/02 (2012.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR MANIPULATING IMAGES ON CONSUMER GOODS**

[54] **DISPOSITIF ET METHODE DE MANIPULATION D'IMAGES SUR DES PRODUITS DE CONSOMMATION**

[72] ELGAR, ADAM, GB

[72] ELGAR, TOM, GB

[73] SERVERSIDE GROUP LIMITED, GB

[85] 2005-08-17

[86] 2004-02-17 (PCT/GB2004/000626)

[87] (WO2004/074961)

[30] US (60/447,972) 2003-02-18

[30] US (10/406,519) 2003-04-03

[11] **2,526,590**
[13] C

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[54] **DISPOSITIF ET PROCEDURE DE RECALAGE EN TEMPS REEL DE MOTIFS SUR DES IMAGES, NOTAMMENT POUR LE GUIDAGE PAR LOCALISATION**

[72] COSTE-MANIERE, EVE, FR

[72] VIEVILLE, THIERRY, FR

[72] MOURGUES, FABIEN, FR

[73] INTUITIVE SURGICAL OPERATIONS, INC., US

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[54] **STORAGE- AND TRANSPORT-INDEPENDENT COLLABORATIVE DOCUMENT-MANAGEMENT SYSTEM**

[54] **SYSTEME DE GESTION DE DOCUMENTS EN COLLABORATION INDEPENDANT DU STOCKAGE ET DE LA TRANSMISSION**

[72] NGO, J. THOMAS, US

[72] WEBB, J. TODD, US

[73] PROOFPOINT, INC., US

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[54] **METHOD AND SYSTEM FOR DETERMINING THE POSITION OF AN OBJECT MOVING ALONG A COURSE**

[54] **PROCEDE ET SYSTEME PERMETTANT DE DETERMINER LA POSITION D'UN OBJET SE DEPLACANT SUR UNE TRAJECTOIRE**

[72] ROUSSEAU, MICHEL, BE

[73] ALSTOM BELGIUM S.A., BE

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[54] **METHODS ET COMPOSITIONS POUR LE TRAITEMENT ET LA PREVENTION D'UNE INFECTION PAR LE VIH AU MOYEN DE TRIM5.ALPHA.**

[72] SODROSKI, JOSEPH, US

[72] STREMLAU, MATTHEW, US

[72] OWENS, CHRISTOPHER M., US

[73] DANA-FARBER CANCER INSTITUTE, INC., US

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[54] **OLIGONUCLEOTIDES COMPORTANT UNE PYRIMIDINE A MODIFICATION C5**

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[72] RAJEEV, KALLANTHOTTATHIL G., US

[73] ALNYLAM PHARMACEUTICALS, INC., US

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[54] **SYSTEM AND METHOD FOR PROCESSING COMPOSITE TRADING ORDERS**
[54] **SYSTEME ET METHODE DE TRAITEMENT D'ORDRES COMMERCIAUX COMPOSITES**
[72] CLAU, MATTHEW W., US
[72] DRISCOLL, JAMES R., US
[72] MANNING, GREGORY P., US
[72] NOVIELLO, JOSEPH C., US
[73] BGC PARTNERS, INC., US
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[54] **EMBARCATION RECREATIVE**
[72] PARANT, PIERRE-LOUIS, CA
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[54] **PARTICULES VIROSOMES RENFERMANT DES ANTIGENES DU VIRUS DE L'INFLUENZA ET DU VIRUS DE L'HEPATITE B**
[72] MOSER, CHRISTIAN, CH
[72] ASSERO, GIOVANNA, IT
[72] FICHERA, EPIFANIO, IT
[72] VENTURA, DARIO, IT
[72] LEMPEREUR, LAURENCE, IT
[72] FELNEROVA, DIANA, CH
[73] CRUCELL SWITZERLAND AG, CH
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[54] **SPECTROMETRE DE MASSE**
[72] BATEMAN, ROBERT HAROLD, GB
[72] GILES, KEVIN, GB
[72] PRINGLE, STEVEN DEREK, GB
[72] WILDGOOSE, JASON LEE, GB
[73] MICROMASS UK LIMITED, GB
[85] 2007-04-26
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[54] **PREDICTION OF UPLINK INTERFERENCE POTENTIAL GENERATED BY AN ANCILLARY TERRESTRIAL NETWORK AND/OR RADIOTERMINALS**
[54] **PREVISION DU POTENTIEL DE BROUILLAGE SUR LIAISON MONTANTE GENERE PAR UN RESEAU TERRESTRE AUXILIAIRE ET/OU DES TERMINAUX RADIO**
[72] KARABINIS, PETER D., US
[73] ATC TECHNOLOGIES, LLC, US
[85] 2007-05-03
[86] 2005-12-07 (PCT/US2005/044122)
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[54] **POTENT LNA OLIGONUCLEOTIDES FOR THE INHIBITION OF HIF-1A EXPRESSION**
[54] **OLIGONUCLEOTIDES LNA POUR INHIBER L'EXPRESSION HIF-1A**
[72] RASMUSSEN, FRANK WINTHER, DK
[72] WESTERGAARD, MAJKEN, DK
[72] HANSEN, HENRIK FRYDENLUND, DK
[72] THRUE, CHARLOTTE ALBAEK, DK
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[13] C

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[54] **METHOD AND APPARATUS FOR MONITORING MATERIALS**
[54] **PROCEDE ET APPAREIL DE SUIVI DE MATERIAUX**
[72] EMANUEL, MICHAEL, CA
[72] ZHAO, CHONGDE, CA
[72] YU, BIAO, CA
[72] RENDELL, CHRIS, CA
[72] VINNIK, DIMITRI, CA
[73] C-THERM TECHNOLOGIES LTD., CA
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[54] **VERIFICATION ACCELEREE DE SIGNATURES NUMERIQUES ET DE CLES PUBLIQUES**

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[72] BROWN, DANIEL, CA
[72] VANSTONE, SCOTT A., CA
[72] LAMBERT, ROBERT, CA
[72] ANTIPA, ADRIAN, CA
[73] CERTICOM CORP., CA
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[54] **MAGLATCH MECHANISM FOR USE IN LIGHTING CONTROL POD**

[54] **MECANISME A VERROU MAGNETIQUE POUR BOITIER DE COMMANDE D'ECLAIRAGE**

[72] DEBOER, JOHN, US
[72] MCCOY, BRIAN TIMOTHY, US
[73] SIEMENS INDUSTRY, INC., US
[86] (2593284)
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[30] US (11/823,523) 2007-06-27

[11] **2,595,145**
[13] C

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[54] **METAL DETECTOR**

[54] **DETECTEUR DE METAUX**

[72] SIMON, JOSEPH S., US
[73] CARNES COMPANY, INC., US
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[13] C

[51] **Int.Cl. G06F 3/14 (2006.01) H04N 21/414 (2011.01) G06F 3/0481 (2013.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR ADJUSTING PRESENTATION OF TEXT, IMAGES AND MOVING IMAGES ON AN ELECTRONIC DEVICE ACCORDING TO AN ORIENTATION OF THE DEVICE**

[54] **SYSTEME ET METHODE DE REGLAGE DE LA PRESENTATION DE TEXTES, D'IMAGES ET D'IMAGES MOBILES SUR UN DISPOSITIF ELECTRONIQUE SELON L'ORIENTATION DE CE DISPOSITIF**

[72] GRIFFIN, JASON, CA
[73] BLACKBERRY LIMITED, CA
[86] (2595718)
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[54] **MICROWAVE ANTENNA ASSEMBLY AND METHOD FOR USING THE SAME**

[54] **ENSEMBLE D'ANTENNE HYPERFREQUENCE ET METHODE D'UTILISATION**

[72] PRAKASH, MANI N., US
[72] JOHNSON, EMILLE, US
[72] NGUYEN, TAO, US
[72] SHIU, BRIAN, US
[73] COVIDIEN LP, US
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[13] C

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[54] **RETROFITTING AUTHENTICATION ONTO FIRMWARE**

[54] **AUTHENTIFICATION DE RETROINSTALLATION SUR UN MICROLOGICIEL**

[72] VADEKAR, ASHOK, CA
[72] NEILL, BRIAN, CA
[73] CERTICOM CORPORATION, CA
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[54] **CELL LINES FOR EXPRESSING ENZYME USEFUL IN THE PREPARATION OF AMIDATED PRODUCTS**

[54] **LIGNEES CELLULAIRES PERMETTANT D'EXPRIMER UNE ENZYME UTILE POUR LA PREPARATION DE PRODUITS AMIDES**

[72] MILLER, DUNCAN A., US
[72] MEHTA, NOZER M., US
[72] CONSALVO, ANGELO P., US
[73] ENTERIS BIOPHARMA, INC., US
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[54] **METHOD OF DRUG DESIGN**
[54] **METHODE DE CONCEPTION D'UN MEDICAMENT**
[72] MEUTERMANS, WIM, AU
[72] TOMETZKI, GERALD B.(DECEASED), AU
[72] ZUEGG, JOHANNES, AU
[73] ALCHEMIA LTD., AU
[85] 2008-02-11
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[54] **TUYAUX CONTENANT DES POLYAMIDES RESISTANT A L'HYDROLYSE**
[72] FISH, ROBERT B., JR., US
[72] MARTENS, MARVIN M., US
[72] MESTEMACHER, STEVEN A., US
[72] PAGILAGAN, ROLANDO UMALI, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **SYSTEMS AND METHODS FOR REPLENISHING FUEL-CELL-POWERED PORTABLE DEVICES**
[54] **SYSTEMES ET METHODES DE REAPPROVISIONNEMENT EN ENERGIE D'APPAREILS PORTATIFS A PILE A COMBUSTIBLE**
[72] CONNOR, DENIS, CA
[72] MCLEAN, GERARD FRANCIS, CA
[72] STUKAS, ANNA, CA
[72] VANDERLEEDEN, OLEN, CA
[73] INTELLIGENT ENERGY LIMITED, GB
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[51] **Int.Cl. G06Q 99/00 (2006.01)**

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[54] **SYSTEM AND METHOD OF TRANSFERRING INFORMATION**
[54] **SYSTEME ET PROCEDE DE TRANSFERT D'INFORMATIONS**
[72] WALLACH, BENJAMIN T., US
[73] REGIONS ASSET COMPANY, US
[85] 2008-03-20
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[54] **APPARATUS FOR PROCESSING BIOLOGICAL MATERIAL**
[54] **APPAREIL POUR TRAITER UN MATERIAU BIOLOGIQUE**
[72] SCHAEFER, ANDREAS, DE
[72] VOIT, THOMAS, DE
[72] TSCHOPP, WALTER, CH
[72] GEIGER, ADRIAN, CH
[72] ZBINDEN, MARKUS, CH
[72] HIBBING, HARALD, DE
[72] KARL, ANDREAS, DE
[72] EIGEMEIER, FRANK, DE
[72] BEHRMANN, VOLKER, DE
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[73] QIAGEN GMBH, DE
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[30] DE (10 2006 027 680.9) 2006-06-14
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[54] **DISSOLUTION COMPOSITION FOR EXAMINING DRUG SOLUBILITY**
[54] **PREPARATION DE DISSOLUTION POUR L'ETUDE DE LA SOLUBILITE D'UN MEDICAMENT**
[72] LEIGH, STEVE, CH
[72] LEIGH, MATHEW LOUIS STEVEN, CH
[72] VAN HOOGEVEST, PETER, CH
[72] STREICH, DANIEL, CH
[72] QUINTON, JACQUES, FR
[73] BIORELEVANT.COM LTD, GB
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[54] **DAMEUSE A NEIGE**
[72] PELLETIER, MICHEL, CA
[73] PRINOTH S.P.A., IT
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[87] (2632273)
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[54] **PRODUCTION DE CELLULES DE LIGNEE NEURONALE A PARTIR DU SANG**
[72] FULGA, VALENTIN, IL
[72] PORAT, YAEL, IL
[72] POROZOV, SVETLANA, IL
[73] KWALATA TRADING LIMITED, CY
[85] 2008-06-09
[86] 2005-12-14 (PCT/IL2005/001348)
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[30] US (60/636,391) 2004-12-14
[30] US (60/668,739) 2005-04-05

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[13] C
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[54] **METHODS AND APPARATUS FOR DETERMINING FIBRE ORIENTATION**
[54] **PROCEDES ET APPAREIL PERMETTANT DE DETERMINER L'ORIENTATION DE FIBRES**
[72] REID, MATTHEW E., CA
[72] FEDOSEJEVS, ROBERT, CA
[73] UNIVERSITY OF NORTHERN BRITISH COLUMBIA, CA
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[86] 2007-01-17 (PCT/CA2007/000062)
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[25] EN
[54] **SELF-EXCITING, SELF-SENSING PIEZOELECTRIC CANTILEVER SENSOR**
[54] **CAPTEUR EN PORTE-A-FAUX PIEZOELECTRIQUE A AUTO-EXCITATION ET AUTONOME**
[72] MUTHARASAN, RAJAKKANNU, US
[72] MARALDO, DAVID, US
[72] CAMPBELL, GOSSETT, US
[72] RIJAL, KISHAN, US
[73] DREXEL UNIVERSITY, US
[85] 2008-07-21
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[13] C
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[25] EN
[54] **DISPENSING CONSUMER PRODUCTS**
[54] **DISTRIBUTION DE PRODUITS DE GRANDE CONSOMMATION**
[72] TEMPLER, JOHN WESLEY, US
[72] ALLSUP, MARK, US
[73] SELL TRAX INVESTMENTS, LLC, US
[86] (2638327)
[87] (2638327)
[22] 2008-07-25
[30] US (12/019,515) 2008-01-24

[11] **2,640,048**
[13] C
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[54] **TURBOREACTEUR A GENERATEUR ELECTRIQUE AGENCE DANS LA SOUFFLANTE**
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[73] SNECMA, FR
[86] (2640048)
[87] (2640048)
[22] 2008-10-07
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[54] **HYDRATANTS ET LUBRIFIANTS AQUEUX ET LEURS UTILISATIONS**
[72] GUPTA, VIBHA, US
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[72] NIKOLIC, BORIS, US
[73] AQUATROVE BIOSCIENCES, INC., US
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[54] **METHOD AND SYSTEM FOR MONITORING A MOBILE STATION PRESENCE IN A SPECIAL AREA**
[54] **PROCEDE ET SYSTEME PERMETTANT DE SURVEILLER LA PRESENCE D'UNE STATION MOBILE DANS UNE ZONE SPECIALE**
[72] PEREZ LAFUENTE, CARLOS ALBERTO, ES
[73] AFIRMA CONSULTING & TECHNOLOGIES, S.L., ES
[85] 2008-09-04
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[54] **ANTI-STATICS**
[54] **SUBSTANCE ANTISTATIQUE**
[72] KER, VICTORIA, CA
[72] KELLY, MARK, CA
[72] KINGSTON, GEORGE FRANKLIN, CA
[72] KWAN, MICHAEL CHING-YUEN, CA
[72] HOANG, PETER PHUNG MINH, CA
[72] GUILLEN-CASTELLANOS, SERGIO ALEJANDRO, CA
[72] KARNIK, UMESH, CA
[73] NOVA CHEMICALS CORPORATION, CA
[86] (2645516)
[87] (2645516)
[22] 2008-12-01

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[72] SAITO, GHEN, US
[72] DESAI, RODGER, US
[72] RISHI, RAJU, US
[73] RAVE WIRELESS, INC., US
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[54] **CORING TOOL ALIGNMENT SYSTEM**
[54] **SYSTEME D'ALIGNEMENT D'OUTIL DE CAROTTAGE**
[72] WADLEY, TRACY F., US
[72] KIEF, RICHARD F., US
[73] SEWER TAP INC., US
[86] (2646812)
[87] (2646812)
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[72] BENNETT, MARK A., US
[73] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
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[54] **DISPOSITIF ET PROCEDE UTILISANT DES RESONANCES OPTIQUES ASYMETRIQUES**
[72] KILIC, ONUR, US
[72] DIGONNET, MICHEL J.F., US
[72] KINO, GORDON S., US
[72] SOLGAARD, OLAV, US
[73] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[72] FRASER, MICHAEL GRANT, AU
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[54] **PROCEDE POUR DETECTION ULTRASONIQUE AMELIOREE**

[72] MORADI, MEHDI, CA

[72] ABOLMAESUMI, PURANG, CA

[72] SAUERBREI, ERIC, CA

[72] SIEMENS, D. ROBERT, CA

[72] ISOTALO, PHILLIP, CA

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[73] QUEEN'S UNIVERSITY AT KINGSTON, CA

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[72] BRYDGES-PRICE, RICHARD IAN, GB

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[86] 2007-06-15 (PCT/GB2007/002250)

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[54] **PROLONGED-RELEASE INJECTABLE SUSPENSIONS OF PALIPERIDONE PALMITATE, AND DOSAGE FORMS AND DELIVERY SYSTEMS INCORPORATING SAME**

[54] **POSOLOGIE ASSOCIEE AUX ESTERS DE PALIPERIDONE INJECTABLES A ACTION PROLONGEE**

[72] VERMEULEN, AN MARGRIET CORNELIA, BE

[72] WOUTERS, ALFONS JEANNE, BE

[72] GOPAL, SRIHARI, US

[72] LEWYN-BRISCOE, PETER H., US

[72] SAMTANI, MAHESH, US

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[73] JANSSEN PHARMACEUTICA N.V., BE

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[54] **DOCUMENT DE VALEUR OU DE SECURITE AVEC AU MOINS DEUX DISPOSITIFS INDICATEURS**

[72] PAESCHKE, MANFRED, DE

[72] PFLUGHOEFFT, MALTE, DE

[72] BEYER-MEKLENBURG, GUENTER, DE

[72] KUETER, JOACHIM, DE

[73] BUNDESDRUCKEREI GMBH, DE

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[73] NOVABIOTICS LIMITED, GB

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[54] **INHIBITEURS DE PROLYLE HYDROXYLASE**

[72] DUFFY, KEVIN J., US

[72] FITCH, DUKE M., US

[72] JIN, JIAN, US

[72] LIU, RONGGANG, US

[72] SHAW, ANTONY N., US

[72] WIGGALL, KENNETH, US

[73] GLAXOSMITHKLINE LLC, US

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[54] **COMPOSES DE LA PYRRO[1,2-B]PYRIDAZINONE**

[72] RUEBSAM, FRANK, US
[72] TRAN, MARTIN T., US
[72] WEBBER, STEPHEN E., US
[72] DRAGOVICH, PETER S., US
[72] LI, LIANSHENG, US
[72] MURPHY, DOUGLAS E., US
[72] KUCERA, DAVID JOHN, US
[72] SUN, ZHONGXIANG, US
[72] TRAN, CHINH VIET, US
[73] ANADYS PHARMACEUTICALS, INC., US

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[54] **FIBER-REINFORCED DENTAL COMPOSITES AND METHOD FOR THE MANUFACTURE THEREOF**
[54] **COMPOSITES DENTAIRES RENFORCES DE FIBRES ET PROCEDE POUR LEUR FABRICATION**

[72] LASSILA, LIPPO V.J., FI
[72] VALLITTU, PEKKA K., FI
[72] GAROUSHI, SUFYAN, FI
[72] AIROLA, KARRI, FI
[73] STICK TECH OY, FI

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[54] **PROCEDE DE CONFIGURATION, DE ROUES HELICES CREUSES ET DE LEURS CAGES**

[72] CARROUSET, PIERRE, FR
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[72] SAVILLE, CODEY A., CA
[73] BRIGHTLING EQUIPMENT LTD., CA

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[54] **LIEUSE DE BARRES RENFORCEE**

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[73] MAX CO., LTD., JP

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[72] NAGAOKA, TAKAHIRO, JP
[72] KOBAYASHI, TSUYOSHI, JP
[73] MAX CO., LTD., JP

[86] (2664964)
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[72] KUSAKARI, ICHIRO, JP
[73] MAX CO., LTD., JP

[86] (2665028)
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[54] **UNITE DE CONDITIONNEMENT**

[72] LEMKE, STEFAN, DE
[72] WETTLAUFER, BERNARD, DE
[73] PCO GROUP GMBH, DE

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[54] **AIR PISTON AND DOME FOAM PUMP**

[54] **POMPE A PISTON PNEUMATIQUE ET A MOUSSE A DIAPHRAGME**

[72] CIAVARELLA, NICK E., US

[72] WILLIS, DANIEL M., US

[73] GOJO INDUSTRIES, INC., US

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[54] **SEMI-HOLLOW TIRE AND WHEEL RIM FOR USE THEREWITH, SPECIFICALLY INTENDED FOR AGRICULTURAL MACHINES**

[54] **PNEUMATIQUE SEMI-CREUX ET JANTE DE ROUE ASSOCIEE, NOTAMMENT POUR MACHINES AGRICOLES**

[72] PHELY, OLIVIER, FR

[72] PIOU, DENIS, FR

[73] OTICO, FR

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[87] (2668531)

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[54] **METHOD OF PROCESSING SPECTROMETRIC DATA**

[54] **METHODE DE TRAITEMENT DE DONNEES SPECTROMETRIQUES**

[72] PFAFF, HANS, DE

[73] THERMO FISHER SCIENTIFIC (BREMEN) GMBH, DE

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[54] **ROTARY SPRINKLER**

[54] **ARROSEUR ROTATIF**

[72] ZUR, YOEL, IL

[73] CLEVER WATER SPRINKLER TECHNOLOGIES LTD., IL

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[54] **FLUID DISPENSING APPARATUS AND METHOD**

[54] **APPAREIL ET METHODE DE DISTRIBUTION DE FLUIDE**

[72] GEHMAN, MICHAEL CHAD, US

[73] WAYNE FUELING SYSTEMS LLC, US

[86] (2671906)

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[54] **SYSTEMS AND METHODS FOR PROVIDING REMOTE ACCESS TO INTERACTIVE MEDIA GUIDANCE APPLICATIONS**

[54] **SYSTEMES ET PROCEDES POUR FOURNIR UN ACCES A DISTANCE A DES APPLICATIONS DE GUIDAGE MULTIMEDIA INTERACTIVES**

[72] KLAPPERT, WALTER R., US

[72] NISHIMURA, AKITAKA, JP

[72] IWANAGA, ASAHU, JP

[72] YOSHIMOTO, AKIO, JP

[73] ROVI GUIDES, INC., US

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[25] EN

[54] **A BAG OF A HEAT-SHRINKABLE GAS-BARRIER THERMOPLASTIC FILM**

[54] **SAC DE FILM THERMOPLASTIQUE THERMORETRACTABLE A BARRIERE CONTRE LES GAZ**

[72] SMITH, ADRIAN MAXWELL WILLIAM, AU

[73] CRYOVAC AUSTRALIA PTY LTD, AU

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[54] **DUAL-POWERED AIRFLOW GENERATOR**

[54] **GENERATEUR D'ECOULEMENT D'AIR A DOUBLE ALIMENTATION**

[72] USELTON, ROBERT B., US

[73] LENNOX INDUSTRIES INC., US

[86] (2674142)

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[30] US (12/186,132) 2008-08-05

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[54] **A METHOD AND APPARATUS FOR QUANTITATIVELY EVALUATING MENTAL STATES BASED ON BRAIN WAVE SIGNAL PROCESSING SYSTEM**

[54] **PROCEDE ET APPAREIL DESTINES A EVALUER QUANTITATIVEMENT DES ETATS MENTAUX ET BASES SUR UN SYSTEME DE TRAITEMENT DES SIGNAUX DES ONDES CEREBRALES**

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[72] YANG, STANLEY, US

[73] NEUROSKY, INC., US

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[54] **ADMINISTRATION D'AGENTS BLOQUANT ET/OU FAVORISANT L'ETHYLENE**

[72] BAIER, GRETCHEN, US

[72] NEWSHAM, MARK D., US

[72] GRAF, IRINA V., US

[72] SCHMITT, ROBERT L., US

[72] CHOPIN, LAMY J., III, US

[72] DEGROOT, JACKIE, US

[72] WOOSTER, JEFFREY J., US

[72] DHADIALLA, TARLOCHAN, US

[73] AGROFRESH INC., US

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[72] RAMAKRISHNAN, INDUMATHI, IN

[72] NESAKUMAR, EDWARD JOSEPH, IN

[73] MOMENTIVE PERFORMANCE MATERIALS INC., US

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[54] **METHOD FOR TREATING MINERAL SLUDGE ABOVE GROUND USING POLYMERS**

[54] **PROCEDE DE TRAITEMENT DES BOUES SCHLAMMEUSES AU-DESSUS DU SOL AU MOYEN DE POLYMERES**

[72] PONCET, FREDERIC, FR

[72] GAILLARD, NICOLAS, FR

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[54] **SYSTEME ET PROCEDE DE TELECOMMUNICATIONS**

[72] ROBERTSON, ROBERT, GB

[73] MULTITONE ELECTRONICS PLC, GB

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[54] **COMPOSITIONS AZEOTROPIQUES ET RESSEMBLANT A DES AZEOTROPES DE E-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE**

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[73] E.I. DU PONT DE NEMOURS AND COMPANY, US

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[54] **SEALING METHOD AND APPARATUS**

[54] **PROCEDE ET APPAREIL DE SCELLEMENT**

[72] EDEN, ROBERT D., GB

[73] RAWWATER ENGINEERING COMPANY LIMITED, GB

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[54] **ESSAI DE CABLE ELECTRIQUE A PAIRES TORSADEES**

[72] FRIED, SHLOMO, IL

[73] BIOSENSE WEBSTER, INC., US

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[54] **A PIPE CONNECTOR AND METHOD OF CONNECTING PIPES**

[54] **RACCORD DE CONDUITE ET PROCEDE DE RACCORDEMENT DE CONDUITES**

[72] MCCANN, CALUM, AU

[72] MCCANN, GLENN, AU

[73] FLOWCON PTY LTD AS TRUSTEE FOR THE FLOWCON UNIT TRUST, AU

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[54] **RACCORD DE VALVE POUR TUBES MEDICAUX**

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[73] INDUSTRIE BORLA S.P.A., IT

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[54] **REMOTE MONITORING SYSTEMS AND METHODS**

[54] **SYSTEMES ET PROCEDES DE TELESURVEILLANCE**

[72] KONG, JAMES PO, US

[72] LICKTEIG, CHARLES ANTHONY, US

[72] COTTRELL, MICHAEL EDWARD, GB

[72] DANG, CHESTER BING, CA

[72] GUL, RONG PIETER, NL

[72] HARDEVELD, WILHELMUS ANTONIUS, NL

[72] HARNISH, BRETT RICHARD ALEXANDER, CA

[72] INNES, KENNETH JOHN, GB

[72] VAN LATUM, MARK THEODOOR, NG

[72] LEE, KWI-CHENG, NL

[72] PARCHEWSKY, ROBERT FRANK, NL

[72] RAVESLOOT, WILHELMUS, NL

[72] SCHULTHEIS, STEVEN MICHAEL, US

[72] YING, DANIEL DAZHANG, MY

[72] ZOLKIEWSKI, GEORGE MARK, US

[72] POLLEY, MATTHEW CHARLES, CA

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[54] **STRUCTURE DE MONTAGE D'ELECTRODE CONSOMMABLE**

[72] AMANO, AKIRA, JP

[72] SHIMAZAKI, WATARU, JP

[72] WATANABE, HIROSHI, JP

[72] KUBOTA, YUTAKA, JP

[73] HONDA MOTOR CO., LTD., JP

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[54] **COMPOSITIONS DE COMPRIME A DESINTEGRATION PAR VOIE ORALE DE LAMOTRIGINE**
[72] VENKATESH, GOPI M., US
[72] VYAS, NEHAL H., US
[72] GOSSELIN, MICHAEL, US
[72] LAI, JIN-WANG, US
[73] ADARE PHARMACEUTICALS, INC., US
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[54] **SEGMENTAL ORTHOPEDIC DEVICE FOR SPINAL ELONGATION AND FOR TREATMENT OF SCOLIOSIS**
[54] **DISPOSITIF ORTHOPEDIQUE SEGMENTAIRE POUR ELONGATION SPINALE ET POUR LE TRAITEMENT DE LA SCOLIOSE**
[72] BUTTERMANN, GLENN R., US
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[54] **IMMOBILISATION DES GROUPES CHELATEURS POUR CHROMATOGRAPHIE POUR IONS METALLIQUES IMMOBILISES (IMAC)**
[72] GORLICH, DIRK, DE
[72] FREY, STEFFEN, DE
[73] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
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[54] **MODULATEURS DU REGULATEUR DE LA CONDUCTANCE TRANSMEMBRANAIRE DE LA FIBROSE KYSTIQUE**
[72] GALLARDO-GODOY, ALEJANDRA, US
[73] VERTEX PHARMACEUTICALS INCORPORATED, US
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[54] **SYSTEMES, PROCEDES ET APPAREIL DESTINES A LA LECTURE DE L'ETAT D'UN BIT QUANTIQUE**
[72] BERKLEY, ANDREW J., CA
[73] D-WAVE SYSTEMS INC., CA
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[54] **APPAREILS, SYSTEMES ET PROCEDES DE GENERATION DE RECOMMANDATIONS**
[72] O'DONOGHUE, HUGH, US
[72] CORRIGAN, SEAN, US
[72] CROWE, SHANE, US
[72] PEGUM, ANDREW, US
[72] LILLYWHITE, KURT DAVID, US
[73] QUALCOMM INCORPORATED, US
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[54] **SYSTEM AND METHOD OF MALWARE SAMPLE COLLECTION ON MOBILE NETWORKS**
[54] **SYSTEME ET PROCEDE DE COLLECTE D'ECHANTILLONS DE MALICIEUX DANS DES RESEAUX MOBILES**
[72] TUVELL, GEORGE, US
[72] VENUGOPAL, DEEPAK, US
[72] HU, GUONING, US
[73] PULSE SECURE, LLC, US
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[54] **RESEAU DE CAPTEURS DE GAZ POTENTIOMETRIQUES MULTIFONCTIONNELS DOTE DE CAPTEURS DE TEMPERATURE ET DE CONTROLE DE TEMPERATURE INTEGRES**
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[54] **UDP-GLUCURONYL TRANSFERASE ET POLYNUCLEOTIDE CODANT POUR CELLE-CI**
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[72] FUKUI, YUKO, JP
[72] MIZUTANI, MASAKO, JP
[73] SUNTORY HOLDINGS LIMITED, JP
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[54] **BOUCHON DE SECURITE A RESERVOIR SCELLE**
[72] CHEN, TEI FU, US
[73] THE SUNRIDER CORPORATION DBA SUNRIDER INTERNATIONAL, US
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[54] **PROCEDE ET SYSTEME DE LIBERATION CONTROLEE D'AGENT SCLEROSANT**
[72] TREMBLAY, ALAIN, CA
[73] UTI LIMITED PARTNERSHIP, CA
[85] 2010-04-27
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[54] **COMPOSES DE 1,2,4-TRIAZINE-3,5-DIONE DESTINES AU TRAITEMENT DE TROUBLES QUI REPENDENT A LA MODULATION DU RECEPTEUR DOPAMINERGIQUE D3**
[72] BRAJE, WILFRIED, DE
[72] TURNER, SEAN COLM, DE
[72] HAUPT, ANDREAS, DE
[72] LANGE, UDO, DE
[72] GENESTE, HERVE, DE
[72] DRESCHER, KARLA, DE
[72] UNGER, LILIANE, DE
[72] JONGEN-RELO, ANA LUCIA, DE
[72] BESPALOV, ANTON, DE
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[73] BASF SE, DE
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[54] **PROCEDE DE PREPARATION D'UN ECHAFAUDAGE POREUX POUR L'INGENIERIE TISSULAIRE**
[72] LE VISAGE, CATHERINE, FR
[72] LETOURNEUR, DIDIER, FR
[72] CHAUBET, FREDERIC, FR
[72] AUTISSIER, AUDE, FR
[73] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[73] UNIVERSITE PARIS 7 - DENIS DIDEROT, FR
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[54] **TRAITEMENT DES EAUX USEES ISSUES D'UN PROCESSUS DE TRANSFORMATION DE LA BIOMASSE EN LIQUIDE COMPRENANT LA PRODUCTION DE GAZ DE SYNTHESE ET INSTALLATIONS D'USINE INTEGREES**
[72] KUKKONEN, PETRI, FI
[72] KNUUTTILA, PEKKA, FI
[72] JOKELA, PEKKA, FI
[73] UPM-KYMMENE OYJ, FI
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[30] FI (20085400) 2008-04-30

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[54] **MANCHON DE TUYAU EN TOLE ONDULEE A TRIPLE PAROI ET PROCEDES**
[72] SUTTON, GERALD S., US
[72] SHAFFER, WILLIAM V., US
[72] GODDARD, JAMES B., US
[72] KURDZIEL, JOHN M., US
[72] KELLEY, DAVID J., US
[72] BIESENBERGER, JEFFREY J., US
[73] ADVANCED DRAINAGE SYSTEMS, INC., US
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[54] **SYSTEME ET PROCEDE DE GESTION ET DE MISE A JOUR D'INFORMATIONS ASSOCIEES A DES ENTITES ECONOMIQUES**
[72] MULHERN, ROBERT KELLY, US
[72] REDMAN, JAMES CRAWFORD, US
[72] KARAS, DAVID J., US
[72] SATTERFIELD, MARKUS R., US
[73] EQUIFAX, INC., US
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[54] **PROCEDE PERMETTANT D'ENRICHIR DU RIZ ET PRODUIT OBTENU GRACE A CE PROCEDE**
[72] RONDOLINO, PIERO, IT
[73] RONDOLINO SOCIETA' COOPERATIVA AGRICOLA, IT
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[54] **PROCEDE DE SURVEILLANCE DE L'ACTIVITE MICROBIOLOGIQUE GLOBALE (TOTALE) DANS DES COURANTS INDUSTRIELS**
[72] RICE, LAURA E., US
[73] NALCO COMPANY, US
[85] 2010-05-19
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[54] **LASER MULTI-SENSOR SYSTEM FOR THE SELECTIVE TRACE ANALYSIS OF ORGANIC MATERIALS**
[54] **SYSTEME MULTI-CAPTEURS LASER POUR L'ANALYSE SELECTIVE DE TRACES DE SUBSTANCES ORGANIQUES**
[72] GOEBEL, JOHANN, DE
[72] PEUSER, PETER, DE
[73] SPHEREA GMBH, DE
[85] 2010-05-26
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[87] (WO2009/068218)
[30] DE (10 2007 057 374.1) 2007-11-27

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[13] C

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[25] EN
[54] **PROCESS FOR THE PRODUCTION OF 2-[4-(3- OR 2-FLUOROBENZYLOXY)BENZYLAMINO]PROPANAMIDES WITH HIGH PURITY DEGREE**
[54] **PROCEDE DE PRODUCTION DE 2-[4-(3- OU 2-FLUOROBENZYLOXY)BENZYLAMINO] PROPANAMIDES D'UN DEGRE DE PURETE ELEVE**
[72] BARBANTI, ELENA, IT
[72] FARAVELLI, LAURA, IT
[72] SALVATI, PATRICIA, IT
[72] CANEVOTTI, RENATO, IT
[72] PONZINI, FRANCESCO, IT
[73] NEWRON PHARMACEUTICALS S.P.A., IT
[85] 2010-05-21
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[13] C

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[25] EN
[54] **FIBREBOARD REINFORCED CONTAINER**
[54] **CONTENANT RENFORCE A L'AIDE D'UN PANNEAU DE FIBRES**
[72] DOPLAGA, JOSEPH, CA
[72] SCHMITTE, BOB, CA
[73] COLEMAN CONTAINERS LIMITED, CA
[86] (2707149)
[87] (2707149)
[22] 2010-06-07

[11] **2,708,728**
[13] C

[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/128 (2006.01)**
[25] EN
[54] **SEALING ELEMENT FOR A PACKER**
[54] **ELEMENT SCELLANT POUR UN JOINT DE FORMATION**
[72] CLARKE, TIM, GB
[73] RUBBERATKINS LIMITED, GB
[85] 2010-06-10
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[87] (WO2009/074780)
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[13] C

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[25] EN
[54] **ACCESS CHANNEL DEFINITION TECHNOLOGY**
[54] **TECHNOLOGIE DE DEFINITION D'UN CANAL D'ACCES**
[72] YAMBAL, SACHIN, IN
[72] MAHALLE, RAJESH, IN
[72] JAIN, JITENDRA J., IN
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2708910)
[87] (2708910)
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[25] EN
[54] **METHOD AND SYSTEM FOR MULTIPLE IN-LANE LOTTERY TICKET SALES AT A RETAIL ESTABLISHMENT**
[54] **PROCEDE ET SYSTEME POUR DES VENTES MULTIPLES A LA CAISSE DE TICKETS DE LOTERIE DANS UN ETABLISSEMENT DETAILLANT**
[72] HERNDON, BURBANK, US
[72] HOPKINS, TODD, US
[72] BEHM, WILLIAM F., US
[72] WHITEMAN, JANINE, US
[73] SCIENTIFIC GAMES HOLDINGS LIMITED, IE
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[30] US (61/014,962) 2007-12-19
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[25] FR
[54] **MULTI-COLUMN SEQUENCED SEPARATION PROCESS FOR SEPARATING AN IONIC METAL DERIVATIVE**
[54] **PROCEDE DE SEPARATION SEQUENCE MULTICOLONNES D'UN DERIVE METALLIQUE IONIQUE**
[72] THEOLEYRE, MARC-ANDRE, FR
[72] GULA, FRANCIS, FR
[73] NOVASEP PROCESS, FR
[85] 2010-06-16
[86] 2008-12-19 (PCT/FR2008/001797)
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[25] EN
[54] **CAPPING BIOPROSTHETIC TISSUE TO REDUCE CALCIFICATION**
[54] **PROTECTION DE TISSU BIOPROSTHETIQUE POUR EN REDUIRE LA CALCIFICATION**
[72] DOVE, JEFFREY S., US
[72] WRIGHT, GREGORY A., US
[72] DAVIDSON, JIM A., US
[72] DOBLER, DARIN, US
[73] EDWARDS LIFESCIENCES CORPORATION, US
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[30] US (12/338,872) 2008-12-18

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[54] **HEAVY DUTY BEARING SUPPORT SYSTEM FOR ATV**
[54] **SYSTEME DE SUPPORT DE PALIER ROBUSTE POUR UN VEHICULE TOUT TERRAIN**
[72] CRESSMAN, BRIAN M., CA
[73] ONTARIO DRIVE & GEAR LIMITED, CA
[86] (2710938)
[87] (2710938)
[22] 2010-07-29

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[13] C

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[54] **PRESSURE ACTUABLE DOWNHOLE TOOL AND METHOD FOR ACTUATING THE SAME**
[54] **OUTIL DE FOND POUVANT ETRE ACTIONNE PAR PRESSION, ET PROCEDE POUR L'ACTIONNER**
[72] CHRISTIE, STEWART, GB
[72] LIPP, NIALL, GB
[73] PETROWELL LIMITED, GB
[85] 2010-06-29
[86] 2009-02-19 (PCT/GB2009/050162)
[87] (WO2009/106875)
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[13] C

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[25] EN
[54] **METHOD AND APPARATUS FOR DISPLAYING VIDEO DATA FROM MULTIPLE SOURCE COMPUTERS IN A MULTI-MONITOR COMPUTER SYSTEM**
[54] **PROCEDE ET APPAREIL POUR AFFICHER DES DONNEES VIDEO PROVENANT DE PLUSIEURS ORDINATEURS SOURCES DANS UN SYSTEME D'ORDINATEUR A PLUSIEURS ECRANS**
[72] LEUNG, ANDREW, CA
[72] MCELHINNEY, MARK, FI
[72] ANTONYUK, VIKTOR, CA
[73] SMART TECHNOLOGIES ULC, CA
[85] 2010-07-06
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[25] EN
[54] **SENSOR ASSEMBLY**
[54] **ENSEMBLE CAPTEUR**
[72] CROCKER, ROBERT LYE, GB
[73] SPERRY RAIL (INTERNATIONAL) LIMITED, GB
[85] 2010-07-07
[86] 2009-01-09 (PCT/GB2009/000049)
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[54] **METHOD OF OPERATING A LINEAR ION TRAP TO PROVIDE LOW PRESSURE SHORT TIME HIGH AMPLITUDE EXCITATION**
[54] **PROCEDE DE MISE EN OEUVRE D'UN PIEGE A IONS LINEAIRE POUR PRODUIRE UNE EXCITATION COURTE BASSE PRESSION D'AMPLITUDE ELEVEE**
[72] GUNA, MIRCEA, CA
[72] LE BLANC, YVES, CA
[73] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
[85] 2010-07-07
[86] 2009-01-26 (PCT/CA2009/000087)
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[13] C

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[25] EN
[54] **MODULAR ELECTROMAGNETIC DEVICE WITH REVERSIBLE GENERATOR-MOTOR OPERATION**
[54] **DISPOSITIF ELECTROMAGNETIQUE MODULAIRE A FONCTIONNEMENT GENERATEUR-MOTEUR REVERSIBLE**
[72] CIPRIANI, MARCO, IT
[73] GE AVIO S.R.L., IT
[85] 2010-07-20
[86] 2009-01-21 (PCT/IB2009/050219)
[87] (WO2009/093183)
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[13] C

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[25] EN
[54] **IMIDAZOPYRIDAZINES AS PARI INHIBITORS, PRODUCTION THEREOF, AND USE AS MEDICAMENTS**
[54] **IMIDAZOPYRIDAZINES EN TANT QU'INHIBITEURS DE PARI, LEUR PRODUCTION ET LEUR UTILISATION EN TANT QUE MEDICAMENTS**
[72] HEINELT, UWE, DE
[72] WEHNER, VOLKMAR, DE
[72] HERRMANN, MATTHIAS, DE
[72] SCHOENAFINGER, KARL, DE
[72] STEINHAGEN, HENNING, DE
[73] SANOFI-AVENTIS, FR
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[25] EN
[54] **METHOD FOR REMOVING AIR FROM A CHROMATOGRAPHY COLUMN**
[54] **PROCEDE PERMETTANT DE RETIRER DE L'AIR D'UNE COLONNE DE CHROMATOGRAPHIE**
[72] AGREN, TOMAS, SE
[73] GE HEALTHCARE BIO-SCIENCES AB, SE
[85] 2010-07-09
[86] 2009-01-22 (PCT/SE2009/000024)
[87] (WO2009/093958)
[30] GB (0801127.2) 2008-01-22

[11] **2,713,542**
[13] C

[51] **Int.Cl. C10M 173/02 (2006.01) C10M 111/04 (2006.01)**
[25] EN
[54] **A PROCESS FOR THE COATING OF METALLIC SURFACES WITH A LUBRICANT COMPOSITION CONTAINING WAXES**
[54] **PROCEDE D'ENDUCTION DE SURFACES METALLIQUES AVEC UNE COMPOSITION DE LUBRIFIANT CONTENANT DES CIRES**
[72] RAU, UWE, DE
[72] NITTEL, KLAUS-DIETER, DE
[73] CHEMETALL GMBH, DE
[85] 2010-07-28
[86] 2009-01-26 (PCT/EP2009/050852)
[87] (WO2009/095374)
[30] DE (10 2008 000 186.4) 2008-01-30

[11] **2,714,957**
[13] C

[51] **Int.Cl. B65D 85/804 (2006.01) A47J 31/00 (2006.01) A47J 31/36 (2006.01)**
[25] EN
[54] **SEALED CAPSULE FOR CONTAINING BEVERAGE INGREDIENTS AND HAVING AN INLET-SIDE MEMBRANE**
[54] **CAPSULE SCHELLEE DESTINEE A CONTENIR DES INGREDIENTS DE BOISSON ET COMPRENANT UNE MEMBRANE DU COTE D'ENTREE**
[72] BOUSSEMART, CHRISTOPHE S., FR
[72] YOAKIM, ALFRED, CH
[73] NESTEC S.A., CH
[85] 2010-09-02
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[25] FR
[54] **DOUBLE-LAYER MULTIPLE-COIL SUPERCAPACITOR**
[54] **SUPERCONDENSATEUR MULTIBOBINES**
[72] AZAIS, PHILIPPE, FR
[72] CAUMONT, OLIVIER, FR
[72] DEPOND, JEAN-MICHEL, FR
[73] BLUE SOLUTIONS, FR
[85] 2010-08-05
[86] 2009-02-12 (PCT/EP2009/051665)
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[30] FR (0851056) 2008-02-19

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[13] C

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[25] FR
[54] **MULTITRACK SUPERCAPACITOR**
[54] **SUPERCONDENSATEUR MULTIPISTES**
[72] AZAIS, PHILIPPE, FR
[72] CAUMONT, OLIVIER, FR
[72] DEPOND, JEAN-MICHEL, FR
[73] BLUE SOLUTIONS, FR
[85] 2010-08-05
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[87] (WO2009/103661)
[30] FR (0851058) 2008-02-19

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[13] C

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[25] EN
[54] **LOW EMISSION POWER GENERATION AND HYDROCARBON RECOVERY SYSTEMS AND METHODS**
[54] **PRODUCTION D'ELECTRICITE A FAIBLE EMISSION ET SYSTEMES ET PROCEDES DE RECUPERATION D'HYDROCARBURES**
[72] MINTA, MOSES, US
[72] MITTRICKER, FRANKLIN F., US
[72] RASMUSSEN, PETER C., US
[72] STARCHER, LOREN K., US
[72] RASMUSSEN, CHAD C., US
[72] WILKINS, JAMES T., US
[72] MEIDEL, RICHARD W., JR, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2010-08-11
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[30] US (61/072,292) 2008-03-28
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[13] C

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[25] FR
[54] **SECTORED DISTRIBUTOR FOR TURBOMACHINE**
[54] **DISTRIBUTEUR SECTORISE POUR UNE TURBOMACHINE**
[72] BARIAUD, CHRISTIAN, BERNARD, FR
[72] DIGARD BROU DE CUISSART, SEBASTIEN, FR
[72] HERZER, ERIC, RENE, FR
[72] RICHARD, BRUNO, MARIE, BENJAMIN, JACQUES, FR
[73] SNECMA, FR
[85] 2010-08-12
[86] 2009-03-17 (PCT/FR2009/000277)
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[30] FR (0801499) 2008-03-19

[11] **2,715,537**
[13] C

[51] **Int.Cl. G02C 7/02 (2006.01) A61F 2/16 (2006.01)**
[25] EN
[54] **SYSTEM, OPHTHALMIC LENS, AND METHOD FOR EXTENDING DEPTH OF FOCUS**
[54] **SYSTEME, VERRE OPHTALMIQUE ET PROCEDE POUR ETENDRE LA PROFONDEUR DE FOYER**
[72] WEEBER, HENDRIK A., IE
[72] PIERS, PATRICIA ANN, IE
[72] ARTAL, PABLO, IE
[72] MANZANERA, SILVESTRE, IE
[73] AMO REGIONAL HOLDINGS, IE
[85] 2010-08-13
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[11] **2,715,690**
[13] C

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[25] EN
[54] **ULTRA-CONCENTRATED LIQUID DEGREASER COMPOSITION**
[54] **COMPOSITION DE DEGRAISSAGE LIQUIDE ULTRA-CONCENTREE**
[72] TADROWSKI, TAMI J., US
[73] ECOLAB INC., US
[85] 2010-08-17
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[30] US (61/042,909) 2008-04-07

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[25] EN

[54] **USE OF ALKOXYLATED POLYALKANOLAMINES FOR SPLITTING OIL-WATER EMULSIONS**

[54] **UTILISATION DE POLYALCANOLAMINES ALCOXYLEES POUR SEPARER DES EMULSIONS HUILE DANS L'EAU**

[72] EBERT, SOPHIA, DE

[72] EICHHORN, ANDREAS, DE

[73] BASF SE, DE

[85] 2010-08-20

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[25] EN

[54] **A METHOD OF WAKING UP AND A PORTABLE ELECTRONIC DEVICE CONFIGURED TO PERFORM THE SAME**

[54] **METHODE DE REVEIL ET DISPOSITIF ELECTRONIQUE PORTATIF CONFIGURE POUR CETTE APPLICATION**

[72] HOLBEIN, MARC EDWARD, CA

[72] ORR, KEVIN HOWARD, CA

[72] PAPO, ALEKSANDAR SASHA, CA

[72] PARCO, ADAM LOUIS, CA

[72] GRANT, CHRISTOPHER JAMES, CA

[73] BLACKBERRY LIMITED, CA

[86] (2716699)

[87] (2716699)

[22] 2010-10-01

[30] EP (09172145.6) 2009-10-02

[11] **2,717,161**
[13] C

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[25] EN

[54] **COMBINATION ELECTRONIC ARTICLE SURVEILLANCE/RADIO FREQUENCY IDENTIFICATION ANTENNA**

[54] **COMBINAISON DE SURVEILLANCE ELECTRONIQUE D'ARTICLE/D'ANTENNE D'IDENTIFICATION DE RADIOFREQUENCE**

[72] LEONE, STEVEN V., US

[72] CANIPE, LARRY K., US

[73] TYCO FIRE & SECURITY GMBH, CH

[85] 2010-08-31

[86] 2009-03-05 (PCT/US2009/001463)

[87] (WO2009/111071)

[30] US (12/043,581) 2008-03-06

[11] **2,717,948**
[13] C

[51] **Int.Cl. A61K 31/506 (2006.01)**

[25] EN

[54] **5IMIDAZOQUINOLINES AND PYRIMIDINE DERIVATIVES AS POTENT MODULATORS OF VEGF-DRIVEN ANGIOGENIC PROCESSES**

[54] **5-IMIDAZOQUINOLEINES ET DERIVES DE PYRIMIDINE EN TANT QUE MODULATEURS PUISSANTS DE PROCESSUS ANGIOGENIQUES CONTROLES PAR VEGF**

[72] GARCIA-ECHEVERRIA, CARLOS, CH

[73] NOVARTIS AG, CH

[85] 2010-09-08

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[25] EN

[54] **A METHOD OF PRODUCING BIOETHANOL FROM LIGNOCELLULOSE BIOMASS**

[54] **PROCEDE DE FABRICATION DE BIOETHANOL A PARTIR DE BIOMASSE LIGNOCELLULOSIQUE**

[72] KARSTENS, TIES, DE

[73] ZYLUM BETEILIGUNGSGESELLSCHAFT MBH & CO. PATENTE II KG, DE

[85] 2010-09-09

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[30] DE (10 2008 013 845.2) 2008-03-12

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[13] C

[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/00 (2006.01) E21B 43/30 (2006.01)**

[25] EN

[54] **USING MINES AND TUNNELS FOR TREATING SUBSURFACE HYDROCARBON CONTAINING FORMATIONS**

[54] **UTILISATION DE MINES ET DE TUNNELS POUR LE TRAITEMENT DE FORMATIONS SOUTERRAINES CONTENANT DES HYDROCARBURES**

[72] BURNS, DAVID BOOTH, US

[72] HWANG, HORNG JYE, US

[72] MARWEDE, JOCHEN, NL

[72] MCDONALD, DUNCAN CHARLES, US

[72] PRINCE-WRIGHT, ROBERT GEORGE, US

[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL

[85] 2010-09-16

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[30] US (61/046,329) 2008-04-18

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[25] EN
[54] **PROCESS FOR THE PREPARATION OF TRIAMIDES FROM AMMONIA AND AMIDO-DICHLORIDES**
[54] **PROCEDE POUR PRODUIRE DES TRIAMIDES A PARTIR D'AMMONIAC ET D'AMIDO-DICHLORURES**
[72] BOCK, MICHAEL, DE
[72] HUTTENLOCH, OLIVER, DE
[72] DECK, PATRICK, DE
[72] BEY, OLIVER, DE
[72] SCHELLING, HEINER, DE
[72] SIEGERT, MARKUS, DE
[73] BASF SE, DE
[85] 2010-09-22
[86] 2009-03-26 (PCT/EP2009/053577)
[87] (WO2009/121786)
[30] EP (08153960.3) 2008-04-02

[11] **2,719,410**
[13] C

[51] **Int.Cl. H05B 3/58 (2006.01)**
[25] EN
[54] **MOISTURE RESISTANT LAYERED SLEEVE HEATER AND METHOD OF MANUFACTURE THEREOF**
[54] **APPAREIL DE CHAUFFAGE A MANCHON STRATIFIE RESISTANT A L'HUMIDITE ET PROCEDE POUR SA FABRICATION**
[72] RUSSEGGER, ELIAS, AT
[72] SCHEFBANKER, GERHARD, AT
[72] ANTOSCH, GERNOT, AT
[72] POESCHL, WOLFGANG, AT
[72] WALLINGER, MARTIN, AT
[72] PTASIENSKI, KEVIN, US
[72] KENCHEL, MATT, US
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[54] **DETECTION DE VISAGE AUTOMATIQUE ET MASQUAGE D'IDENTITE DANS DES IMAGES, ET APPLICATIONS APPARENTEES**
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[72] WILLIAMS, LANCE, US
[72] STRELOW, DENNIS, US
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[72] PICKETT, TONY, GB
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[72] METZGER, FRIEDRICH, DE
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[72] CACCIA, HOWARD G., US
[73] COLEMAN CABLE, LLC, US
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PALMITOYL ETHANOLAMIDE
AND STEAROYL
ETHANOLAMIDE**
[54] **FORMULATION
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[54] **PROCEDE DE LUBRIFICATION
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[72] BOCCALETTI, GIOVANNI, IT
[72] RIGANTI, FABIO, IT
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[54] **POMPE POUR DISPOSITIFS DE
PREPARATION DE BOISSON
LIQUIDE**
[72] BUEHLER, LEO, CH
[72] ETTER, STEFAN, CH
[72] HODEL, THOMAS, CH
[72] MOSER, RENZO, CH
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STAIN TINTING SYSTEM**
[54] **SYSTEME ARCHITECTURAL DE
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[72] KORENKIEWICZ, STEPHEN M., US
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[72] NAKAJIMA, TAIDO LANTZ, US
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- [54] **PROCEDES ET COMPOSITIONS POUR LA GENERATION DE LIGNEES CELLULAIRES DEFICIENTES EN BAX ET BAK**
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- [73] SANGAMO BIOSCIENCES, INC., US
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- [54] **TRANSFORMATEUR DE PUISSANCE AVEC COMMUTATEUR A GRADINS**
- [72] ALBRECHT, WOLFGANG, DE
- [72] DOHNAL, DIETER, DE
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- [54] **FARINE EN LIT FLUIDISE CONTENANT UN MARQUEUR ET PROCEDES DE FABRICATION**
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- [54] **COMPRESSEUR DE TURBOMACHINE**
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- [72] PERROT, VINCENT PAUL GABRIEL, FR
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[54] **PROCEDE ET DISPOSITIF D'EPURATION DES GAZ D'ECHAPPEMENT D'UN MOTEUR DIESEL**
[72] SPURK, PAUL, DE
[72] PFEIFER, MARCUS, DE
[72] NOACK, HENDRIK-DAVID, DE
[73] UMICORE AG & CO. KG, DE
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[54] **DERIVES DE L'ACIDE CARBOXYLIQUE PHENOXYCHROMANE SUBSTITUES EN 6**
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[72] CLARK, CHRISTOPHER T., US
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[54] **COMPOSITIONS AVEC DES CARACTERISTIQUES D'ETANCHEITE AMELIOREES POUR DES JOINTS D'ETANCHEITE MOULES EN PLACE**
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[73] HENKEL IP & HOLDING GMBH, DE
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[73] SNAP-ON INCORPORATED, US
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[72] VARNELL, DANIEL F., US
[73] SOLENIS TECHNOLOGIES CAYMAN, L.P., CH
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[54] **RECORDING MEDIUM, REPRODUCTION DEVICE, AND INTEGRATED CIRCUIT**
[54] **SUPPORT D'ENREGISTREMENT, DISPOSITIF DE REPRODUCTION, ET CIRCUIT INTEGRE**
[72] SASAKI, TAJI, JP
[72] YAHATA, HIROSHI, JP
[73] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
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[54] **ONGLES ARTIFICIELS SOUPLES, ET LEUR PROCEDE DE FORMATION**

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[72] FOGLIA, MARCELO, US

[73] PACIFIC WORLD CORPORATION, US

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[54] **DERIVES DE 1-(4-UREIDOBENZOYL)PIPERAZINE**

[72] COOKE, ANDREW JOHN, GB

[72] BENNETT, DAVID JONATHAN, GB

[72] EDWARDS, ANDREW STANLEY, GB

[72] ROUGHTON, ANDREW LAIRD, US

[72] NEAGU, IRINA, US

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[72] MORRIS, MICHELLE LEE, US

[72] RONG, YAJING, US

[72] OHLMEYER, MICHAEL, US

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[73] MERCK SHARP & DOHME B.V., NL

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[54] **COMPOSITIONS PHARMACEUTIQUES DE RETENTION GASTRIQUE DESTINEES AU TRAITEMENT ET A LA PREVENTION DE TROUBLES DU SNC**

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[73] DEPOMED, INC., US

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[25] EN

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[54] **RESEAU SANS FIL MOBILE POUR SUIVI DE BIENS ET SURVEILLANCE D'UNE CHAINE D'APPROVISIONNEMENT**

[72] HALL, STEWART E., US

[72] NARLOW, DOUGLAS A., US

[73] TYCO FIRE & SECURITY GMBH, CH

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[54] **METHOD FOR THE INTEGRATED PRODUCTION OF CELLULOSE AND LOW-MOLECULAR-WEIGHT REUSABLE MATERIALS**

[54] **PROCEDE DE PRODUCTION INTEGREE DE CELLULOSE ET DE MATIERE REUTILISABLE DE FAIBLE POIDS MOLECULAIRE**

[72] MACHHAMMER, OTTO, DE

[72] HENKELMANN, JOCHEM, DE

[72] ROHDE, WOLFGANG, DE

[72] EMMELUTH, MARIO, DE

[72] GIESA, SONJA, DE

[73] BASF SE, DE

[85] 2011-02-25

[86] 2009-09-07 (PCT/EP2009/061529)

[87] (WO2010/026244)

[30] EP (08163886.8) 2008-09-08

[11] **2,735,926**
[13] C

[51] **Int.Cl. A61K 31/4196 (2006.01) A61K 31/4168 (2006.01) A61P 31/10 (2006.01) A61P 33/04 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITION FOR USE IN TREATING SEXUALLY TRANSMITTED INFECTIONS**

[54] **COMPOSITION PHARMACEUTIQUE DESTINEE A ETRE UTILISEE DANS LE TRAITEMENT DES INFECTIONS SEXUELLEMENT TRANSMISSIBLES**

[72] GARCIA SALGADO LOPEZ, RAUL, MX

[72] ARZOLA PANIAGUA, ANGELICA, MX

[72] SENOSIAIN PELAEZ, JUAN PABLO, MX

[72] BARRANCO HERNANDEZ, GUSTAVO, MX

[73] LABORATORIOS SENOSIAIN S.A. DE C.V., MX

[85] 2011-03-03

[86] 2009-09-04 (PCT/IB2009/006738)

[87] (WO2010/026469)

[30] MX (MX/a/2008/011321) 2008-09-04

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[11] **2,736,693**
[13] C

[51] **Int.Cl. A63B 69/00 (2006.01) A63B 23/12 (2006.01)**
[25] EN
[54] **TRAINING GLOVE**
[54] **GANT D'ENTRAINEMENT**
[72] STACK, JOSEPH, CA
[73] STACK, JOSEPH, CA
[86] (2736693)
[87] (2736693)
[22] 2011-04-07
[30] CA (2,698,565) 2010-04-07

[11] **2,736,866**
[13] C

[51] **Int.Cl. A61K 31/197 (2006.01) A61K 33/26 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **PROPHYLACTIC/AMELIORATING AGENT FOR ADULT DISEASES COMPRISING 5-AMINOLEVULINIC ACID, ITS ESTER, OR SALT THEREOF AS ACTIVE INGREDIENT**
[54] **AGENT PROPHYLACTIQUE/D'AMELIORATION POUR DES MALADIES CHEZ L'ADULTE COMPRENANT L'ACIDE 5-AMINOLEVULINIQUE, SON ESTER OU UN SEL DE CELUI-CI COMME INGREDIENT ACTIF**
[72] TANAKA, TOHRU, JP
[73] SBI PHARMACEUTICALS CO., LTD., JP
[85] 2011-02-25
[86] 2009-10-27 (PCT/JP2009/005651)
[87] (WO2010/050179)
[30] JP (2008-275914) 2008-10-27

[11] **2,737,006**
[13] C

[51] **Int.Cl. E05F 15/77 (2015.01) G08B 21/12 (2006.01) G08C 17/00 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS PERTAINING TO BARRIER MOVEMENT CONTROLLERS AND EMPLOYING A CAMERA AND A WIRELESS TRANSMITTER**
[54] **PROCEDE ET APPAREIL CONCERNANT LES DISPOSITIFS DE COMMANDE DU MOUVEMENT D'UNE BARRIERE EMPLOYANT UNE CAMERA ET UN EMETTEUR SANS FIL**
[72] KARASEK, MARK L., US
[72] DANIEL-WAYMAN, ROBERT, US
[73] THE CHAMBERLAIN GROUP, INC., US
[86] (2737006)
[87] (2737006)
[22] 2011-04-11
[30] US (12/761,049) 2010-04-15

[11] **2,737,024**
[13] C

[51] **Int.Cl. F41H 5/007 (2006.01)**
[25] EN
[54] **ENCLOSURE PROTECTING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE PROTECTION D'UNE ENCEINTE**
[72] BRILL, ALON, IL
[72] COHEN, BOAZ, IL
[72] GENUSSOV, RON, IL
[73] RAFAEL ADVANCED DEFENSE SYSTEMS LTD., IL
[85] 2011-03-11
[86] 2009-07-15 (PCT/IL2009/000702)
[87] (WO2010/029530)
[30] IL (194090) 2008-09-15

[11] **2,737,340**
[13] C

[51] **Int.Cl. C07D 311/58 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING NEBIVOLOL**
[54] **PROCEDE POUR LA PREPARATION DE NEBIVOLOL**
[72] MARAGNI, PAOLO, IT
[72] MICHIELETTO, IVAN, IT
[72] VOLPICELLI, RAFFAELLA, IT
[72] SORIATO, GIORGIO, IT
[72] FOLETTO, JOHNNY, IT
[72] COTARCA, LIVIUS, IT
[72] VERZINI, MASSIMO, IT
[73] ZACH SYSTEM S.P.A., IT
[85] 2011-03-02
[86] 2009-10-28 (PCT/EP2009/064230)
[87] (WO2010/049455)
[30] IT (MI2008A001924) 2008-10-31

[11] **2,738,183**
[13] C

[51] **Int.Cl. F16K 7/06 (2006.01) A47J 31/46 (2006.01) B67D 1/12 (2006.01) F16K 7/02 (2006.01) F16K 31/06 (2006.01)**
[25] EN
[54] **PINCH VALVE**
[54] **ROBINET A MANCHON**
[72] VELTROP, LOREN, US
[72] LYONS, CHRISTOPHER, US
[72] KURTH, MARK, US
[72] PAYNE, TIM, US
[72] KONING, KYLE, US
[72] STANGO, JIM, US
[73] PRINCE CASTLE LLC, US
[86] (2738183)
[87] (2738183)
[22] 2011-04-27
[30] US (12/885,641) 2010-09-20

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[11] **2,738,613**
[13] C

[51] **Int.Cl. B29C 70/82 (2006.01) B29C 70/08 (2006.01) B29C 70/24 (2006.01) B29C 70/30 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR REINFORCING A SUBSTRATE OR A FABRIC IN A CORE STRUCTURE OF A COMPONENT, E.G. FOR AN AIRCRAFT OR SPACECRAFT, COMPONENT, E.G. FOR AN AIRCRAFT OR SPACECRAFT, AND AIRCRAFT OR SPACECRAFT**

[54] **PROCEDE ET DISPOSITIF POUR RENFORCER UN SUBSTRAT OU UN TEXTILE D'UNE STRUCTURE CENTRALE D'UN COMPOSANT, PAR EXEMPLE D'UN AERONEF OU D'UN VEHICULE SPATIAL, COMPOSANT, PAR EXEMPLE D'UN AERONEF OU D'UN VEHICULE SPATIAL, ET AERONEF OU VEHICULE SPATIAL**

[72] ENDRES, GREGOR CHRISTIAN, DE
[72] WEBER, HANS-JUERGEN, DE
[73] AIRBUS OPERATIONS GMBH, DE
[85] 2011-03-23
[86] 2009-10-27 (PCT/EP2009/064157)
[87] (WO2010/049425)
[30] DE (10 2008 043 314.4) 2008-10-30
[30] US (61/109,644) 2008-10-30

[11] **2,738,722**
[13] C

[51] **Int.Cl. C08G 65/327 (2006.01) C08G 85/00 (2006.01)**

[25] EN

[54] **PROCESS FOR THE PREPARATION OF PHOSPHATED POLYCONDENSATES AND USE THEREOF**

[54] **PROCEDE DE FABRICATION DE PRODUITS DE POLYCONDENSATION PHOSPHATES ET LEUR UTILISATION**

[72] KRAUS, ALEXANDER, DE
[72] DIERSCHKE, FRANK, DE
[72] BECKER, FABIAN, DE
[72] SCHUHBECK, THOMAS, DE
[72] GRASSL, HARALD, DE
[72] GROESS, KARIN, DE
[73] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
[85] 2011-03-28
[86] 2009-09-07 (PCT/EP2009/061545)
[87] (WO2010/040611)
[30] EP (08165916.1) 2008-10-06

[11] **2,739,168**
[13] C

[51] **Int.Cl. C09J 4/06 (2006.01) A61L 15/58 (2006.01) C09J 5/00 (2006.01) C09J 7/02 (2006.01) C09J 133/06 (2006.01) C09J 151/08 (2006.01) C09J 175/04 (2006.01) C09J 183/04 (2006.01)**

[25] EN

[54] **SWITCHABLE ADHESIVES**

[54] **ADHESIFS A ADHERENCE VARIABLE**

[72] TUNIUS, MATS, SE
[73] LUMINA ADHESIVES AB, SE
[85] 2011-03-23
[86] 2009-09-24 (PCT/GB2009/002280)
[87] (WO2010/034998)
[30] US (61/099,625) 2008-09-24
[30] GB (0904582.4) 2009-03-17

[11] **2,739,178**
[13] C

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/50 (2006.01) A61K 31/137 (2006.01) A61K 31/485 (2006.01) A61K 31/519 (2006.01) A61K 31/573 (2006.01) A61K 38/09 (2006.01)**

[25] EN

[54] **LONG TERM DRUG DELIVERY DEVICES WITH POLYURETHANE-BASED POLYMERS AND THEIR MANUFACTURE**

[54] **DISPOSITIFS D'ADMINISTRATION A LONG TERME DE MEDICAMENT A POLYMERES A BASE DE POLYURETHANNE ET LEUR FABRICATION**

[72] KUZMA, PETR, US
[72] QUANDT, HARRY, US
[73] BRAEBURN PHARMACEUTICALS, INC., US
[85] 2011-03-28
[86] 2009-09-28 (PCT/US2009/058571)
[87] (WO2010/039641)
[30] US (12/242,497) 2008-09-30

[11] **2,740,151**
[13] C

[51] **Int.Cl. F16B 5/06 (2006.01) E04B 2/88 (2006.01) E06B 3/66 (2006.01) F16B 5/00 (2006.01)**

[25] EN

[54] **TOGGLE ASSEMBLY FOR RETAINING A PANEL MEMBER**

[54] **ORGANE D'ASSEMBLAGE A BASCULE POUR ASSUJETTIR UN ELEMENT DE PANNEAU MURAL**

[72] DOLBY, JEFFREY SCOTT, US
[72] MCKENNA, GREGORY BLAKE, US
[73] ALCOA INC., US
[86] (2740151)
[87] (2740151)
[22] 2011-05-11
[30] US (12/793,917) 2010-06-04

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[11] **2,740,753**
[13] C

[51] **Int.Cl. C10G 3/00 (2006.01) C10G 45/02 (2006.01) C10G 45/58 (2006.01) C10G 65/04 (2006.01)**

[25] EN

[54] **DEOXYGENATION OF MATERIALS OF BIOLOGICAL ORIGIN**

[54] **DESOXYGENATION DE MATERIAUX D'ORIGINE BIOLOGIQUE**

[72] HARLIN, ELINA, FI

[72] TURUNEN, HELKA, FI

[72] SELIN, JOHAN-FREDRIK, FI

[72] THITTA, MARJA, FI

[72] LASHDAF, MOHAMED, FI

[73] NESTE OYJ, FI

[85] 2011-04-14

[86] 2009-10-13 (PCT/FI2009/050823)

[87] (WO2010/043765)

[30] EP (08166739.6) 2008-10-16

[11] **2,741,317**
[13] C

[51] **Int.Cl. B65B 7/26 (2006.01) B65B 7/20 (2006.01) B65B 57/04 (2006.01)**

[25] EN

[54] **PACKAGING MACHINE**

[54] **MACHINE DE CONDITIONNEMENT**

[72] SCHROEDER, DANIEL D., US

[72] MATE, MATT M., US

[72] LEE, MIKE, US

[72] REUTELER, URS, US

[72] THOMPSON, RONALD, US

[73] DELKOR SYSTEMS, INC., US

[85] 2011-04-19

[86] 2009-11-02 (PCT/US2009/062997)

[87] (WO2010/062719)

[30] US (12/264,070) 2008-11-03

[11] **2,741,941**
[13] C

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/407 (2006.01) A61P 19/02 (2006.01)**

[25] EN

[54] **CHOLINE AND TROMETHAMINE SALT OF LICOFELONE**

[54] **SEL DE CHOLINE ET DE TROMETHAMINE DU LICOFELONE**

[72] ALBRECHT, WOLFGANG, DE

[72] STRIEGEL, HANS-GUENTER, DE

[72] LAUFER, STEFAN, DE

[73] C-A-I-R BIOSCIENCES GMBH, DE

[85] 2011-04-28

[86] 2009-10-30 (PCT/EP2009/064390)

[87] (WO2010/049525)

[30] EP (08168127.2) 2008-10-31

[11] **2,741,972**
[13] C

[51] **Int.Cl. A23L 27/60 (2016.01) A23L 19/00 (2016.01) A23L 27/00 (2016.01) A23L 27/10 (2016.01) A23L 33/21 (2016.01)**

[25] EN

[54] **PUREED HERBS, VEGETABLES AND/OR SPICES COMPOSITION AND PROCESS FOR PREPARING IT**

[54] **COMPOSITION D'HERBES, DE LEGUMES ET/OU D'EPICES REDUITS EN PUREE ET SON PROCEDE D'ELABORATION**

[72] MELWITZ, DIETER W., DE

[73] UNILEVER PLC, GB

[85] 2011-04-28

[86] 2009-11-09 (PCT/EP2009/064820)

[87] (WO2010/060778)

[30] EP (08170194.8) 2008-11-28

[11] **2,742,907**
[13] C

[51] **Int.Cl. B65H 35/02 (2006.01) B65H 35/04 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR PROCESSING PRINTED SHEETS, ESPECIALLY SHEETS OF PRINTED SECURITIES, INTO INDIVIDUAL DOCUMENTS**

[54] **PROCEDE ET SYSTEME DE TRAITEMENT DE FEUILLES IMPRIMEES, EN PARTICULIER DES FEUILLES DE TITRES IMPRIMES, POUR DONNER DES DOCUMENTS DISTINCTS**

[72] SCHAEDE, JOHANNES GEORG, DE

[73] KBA-NOTASYS SA, CH

[85] 2011-05-05

[86] 2009-11-19 (PCT/IB2009/055164)

[87] (WO2010/058359)

[30] EP (08169609.8) 2008-11-21

[11] **2,742,942**
[13] C

[51] **Int.Cl. A61K 41/00 (2006.01) A61K 31/4166 (2006.01) A61K 31/7008 (2006.01) A61K 31/728 (2006.01) A61P 17/02 (2006.01)**

[25] EN

[54] **COMBINATION OF AN OXIDANT AND A PHOTOACTIVATOR FOR THE HEALING OF WOUNDS**

[54] **COMBINAISON D'UN OXYDANT ET D'UN PHOTOACTIVATEUR DESTINEE A LA CICATRISATION**

[72] PIERGALLINI, REMIGIO, IT

[72] LOUPIS, NIKOLAOS, GR

[72] BELLINI, FRANCESCO, CA

[73] KLOX TECHNOLOGIES INC., CA

[85] 2011-05-06

[86] 2009-11-06 (PCT/CA2009/001608)

[87] (WO2010/051636)

[30] US (61/112,235) 2008-11-07

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[11] **2,743,159**
[13] C

[51] **Int.Cl. B60T 1/00 (2006.01) A01D 34/00 (2006.01) F16D 49/00 (2006.01) F16D 63/00 (2006.01)**

[25] EN

[54] **BRAKING SYSTEM FOR FRONT CASTER WHEELS OF A SELF-PROPELLED VEHICLE**

[54] **SYSTEME DE FREINAGE POUR ROULETTES AVANT ORIENTABLES D'UN VEHICULE AUTOMOTEUR**

[72] CORRIHER, TED, US

[73] TC CORRIHER IMPLEMENT COMPANY INC., US

[85] 2011-05-10

[86] 2009-11-16 (PCT/US2009/064627)

[87] (WO2010/059567)

[30] US (61/115,652) 2008-11-18

[11] **2,743,369**
[13] C

[51] **Int.Cl. A61B 3/113 (2006.01) A61B 3/14 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR INTEGRATING GAZE TRACKING WITH VIRTUAL REALITY OR AUGMENTED REALITY**

[54] **SYSTEME ET PROCEDE POUR INTEGRER LE SUIVI DU REGARD GRACE A LA REALITE VIRTUELLE OU A LA REALITE AUGMENTEE**

[72] BROWN, IAN E., CA

[72] SCOTT, STEPHEN H., CA

[73] QUEEN'S UNIVERSITY AT KINGSTON, CA

[85] 2011-05-11

[86] 2009-11-12 (PCT/CA2009/001626)

[87] (WO2010/054473)

[30] US (61/193,280) 2008-11-13

[11] **2,743,380**
[13] C

[51] **Int.Cl. C02F 1/32 (2006.01)**

[25] EN

[54] **UV IRRADIATION APPARATUS AND METHOD**

[54] **APPAREIL ET PROCEDE D'IRRADIATION PAR UV**

[72] BARON, JOHN MICHAEL, GB

[73] STATIFLO INTERNATIONAL LIMITED, GB

[85] 2011-05-11

[86] 2009-11-10 (PCT/GB2009/002643)

[87] (WO2010/055288)

[30] GB (0820644.3) 2008-11-12

[11] **2,744,273**
[13] C

[51] **Int.Cl. E02F 3/88 (2006.01) B05B 3/02 (2006.01) E02F 3/92 (2006.01) E02F 5/28 (2006.01) E21B 7/18 (2006.01)**

[25] EN

[54] **IMPROVEMENTS IN OR RELATING TO FLUID JETS**

[54] **PERFECTIONNEMENTS AUX OU SE RAPPORTANT AUX JETS DE FLUIDE**

[72] REDDING, JOHN, GB

[73] REDDING, JOHN, GB

[85] 2011-05-18

[86] 2008-12-16 (PCT/GB2008/051191)

[87] (WO2009/077786)

[30] GB (0724592.1) 2007-12-18

[11] **2,745,067**
[13] C

[51] **Int.Cl. C08L 29/10 (2006.01) C04B 24/26 (2006.01) C08L 33/02 (2006.01) C08L 35/08 (2006.01)**

[25] EN

[54] **DISPERSING AGENT CONTAINING COPOLYMER MIXTURE**

[54] **AGENT DE DISPERSION CONTENANT UN MELANGE DE COPOLYMERES**

[72] VIERLE, MARIO, DE

[72] LORENZ, KLAUS, DE

[72] ALBRECHT, GERHARD, DE

[72] SCHOLZ, CHRISTIAN, DE

[72] WAGNER, PETRA, DE

[72] WIMMER, BARBARA, DE

[73] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE

[85] 2011-05-30

[86] 2009-11-25 (PCT/EP2009/065787)

[87] (WO2010/076094)

[30] EP (08170969.3) 2008-12-08

[11] **2,745,449**
[13] C

[51] **Int.Cl. F41A 7/08 (2006.01)**

[25] EN

[54] **BREECH DRIVE FOR A WEAPON**

[54] **ENTRAINEMENT DE CULASSE POUR ARME**

[72] HERRMANN, RALF-JOACHIM, DE

[72] SCHMEES, HEINER, DE

[72] BAUMANN, BERTHOLD, DE

[73] RHEINMETALL WAFFE MUNITION GMBH, DE

[85] 2011-06-02

[86] 2009-11-07 (PCT/EP2009/007974)

[87] (WO2010/063354)

[30] DE (10 2008 060 217.5) 2008-12-04

[11] **2,745,982**
[13] C

[51] **Int.Cl. G01S 17/02 (2006.01) H04W 84/12 (2009.01) H04W 88/02 (2009.01) G02B 3/00 (2006.01)**

[25] EN

[54] **COMMUNICATION DEVICE SENSOR ASSEMBLY**

[54] **ENSEMBLE CAPTEUR DE DISPOSITIF DE COMMUNICATION**

[72] LEE, HSIN CHIN, CA

[72] BROGA, ANTANAS MATTHEW, CA

[73] BLACKBERRY LIMITED, CA

[86] (2745982)

[87] (2745982)

[22] 2011-07-11

[30] EP (10172570.3) 2010-08-11

[11] **2,746,015**
[13] C

[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/128 (2006.01) E21B 43/10 (2006.01)**

[25] EN

[54] **ANNULAR BARRIER AND ANNULAR BARRIER SYSTEM**

[54] **BARRIERE ANNULAIRE ET SYSTEME DE BARRIERE ANNULAIRE**

[72] HALLUNDBAEK, JOERGEN, DK

[72] HAZEL, PAUL, GB

[73] WELLTEC A/S, DK

[85] 2011-06-06

[86] 2010-01-12 (PCT/EP2010/050298)

[87] (WO2010/079237)

[30] EP (09150385.4) 2009-01-12

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[11] **2,746,331**
[13] C
[51] **Int.Cl. C07D 313/12 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING OLOPATADINE AND/OR A PHARMACEUTICALLY ACCEPTABLE SALT THEREOF**
[54] **PROCEDE DE PREPARATION D'OLOPATADINE ET/OU DE L'UN DE SES SELS PHARMACEUTIQUEMENT ACCEPTABLES**
[72] GUIDI, ALBERTO, IT
[72] CHIARELLO, FILIPPO, IT
[72] ORRU', GIANMAURO, IT
[72] VERZINI, MASSIMO, IT
[72] COTARCA, LIVIUS, IT
[72] KIZIRIAN, JEAN-CLAUDE, FR
[72] TREPAT GUIXER, ELISENDA, ES
[72] MARQUILLAS OLONDRIZ, FRANCISCO, ES
[73] ZACH SYSTEM S.P.A., IT
[85] 2011-06-08
[86] 2010-02-01 (PCT/EP2010/051148)
[87] (WO2010/089268)
[30] EP (09152194.8) 2009-02-05

[11] **2,746,660**
[13] C
[51] **Int.Cl. A61N 1/05 (2006.01)**
[25] EN
[54] **NERVE ELECTRODE**
[54] **ELECTRODE DE NERF**
[72] BRUNNETT, WILLIAM C., US
[72] HACKER, DAVID C., US
[72] PAGOTTO, CARLA A., US
[72] GRANT, DENISE G., US
[73] MEDTRONIC XOMED, INC., US
[85] 2011-06-08
[86] 2009-11-24 (PCT/US2009/065625)
[87] (WO2010/077494)
[30] US (12/329,813) 2008-12-08

[11] **2,747,027**
[13] C
[51] **Int.Cl. H03M 1/06 (2006.01) H03H 21/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR ESTIMATION AND COMPENSATION OF NONLINEARITY ERRORS**
[54] **PROCEDES ET APPAREILS D'ESTIMATION ET DE COMPENSATION D'ERREURS DE NON-LINEARITE**
[72] JOHANSSON, HAKAN, SE
[73] SIGNAL PROCESSING DEVICES SWEDEN AB, SE
[85] 2011-06-15
[86] 2008-12-16 (PCT/EP2008/067663)
[87] (WO2010/069365)

[11] **2,747,834**
[13] C
[51] **Int.Cl. H04J 3/06 (2006.01) H04L 12/40 (2006.01)**
[25] EN
[54] **AN OPTICAL MEASUREMENT INSTRUMENT WITH DATA TRANSMISSION**
[54] **INSTRUMENT DE MESURE OPTIQUE A TRANSMISSION DE DONNEES**
[72] LAITINEN, JYRKI, FI
[72] YLI-KOSKI, ANTERO, FI
[72] OJALA, MARKKU, FI
[73] WALLAC OY, FI
[85] 2011-06-20
[86] 2010-01-18 (PCT/FI2010/050023)
[87] (WO2010/084245)
[30] FI (20095063) 2009-01-26
[30] US (61/149,549) 2009-02-03

[11] **2,748,822**
[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **CROSS PRIMING AMPLIFICATION OF TARGET NUCLEIC ACIDS**
[54] **AMPLIFICATION D'ACIDES NUCLEIQUES CIBLES PAR AMORCAGE CROISE**
[72] YOU, QIMIN, CN
[73] YOU, QIMIN, CN
[85] 2011-06-30
[86] 2010-01-06 (PCT/US2010/000024)
[87] (WO2010/080691)
[30] US (61/204,494) 2009-01-06

[11] **2,748,953**
[13] C
[51] **Int.Cl. B61C 15/10 (2006.01)**
[25] EN
[54] **SAND SPREADING SYSTEM**
[54] **SYSTEME D'EPANDAGE DE SABLE**
[72] BARTLING, WERNER, DE
[73] NOWE GMBH, DE
[85] 2011-07-05
[86] 2010-01-15 (PCT/EP2010/050444)
[87] (WO2010/084085)
[30] AT (A 106/2009) 2009-01-22

[11] **2,749,903**
[13] C
[51] **Int.Cl. A61K 31/44 (2006.01)**
[25] EN
[54] **SOLID PHARMACEUTICAL COMPOSITION COMPRISING AMLODIPINE AND LOSARTAN AND PROCESS FOR PRODUCING SAME**
[54] **COMPOSITION PHARMACEUTIQUE SOLIDE COMPRENANT DE L'AMLODIPINE ET DU LOSARTAN ET SON PROCEDE DE FABRICATION**
[72] PARK, JAE HYUN, KR
[72] KIM, KYEONG SOO, KR
[72] YIM, HO TAEK, KR
[73] HANMI SCIENCE CO., LTD, KR
[85] 2011-07-15
[86] 2009-02-13 (PCT/KR2009/000704)
[87] (WO2010/085014)
[30] KR (10-2009-0005840) 2009-01-23

[11] **2,749,998**
[13] C
[51] **Int.Cl. A61F 6/14 (2006.01) A61B 17/42 (2006.01)**
[25] EN
[54] **NOVEL INTRA UTERINE DEVICE**
[54] **NOUVEAU DISPOSITIF INTRA-UTERIN**
[72] BAR-AM, ILAN, IL
[73] OCON MEDICAL LTD, IL
[85] 2011-07-18
[86] 2010-01-14 (PCT/IL2010/000035)
[87] (WO2010/082197)
[30] US (61/145,558) 2009-01-18

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[11] **2,751,292**
[13] C

[51] **Int.Cl. H01M 4/96 (2006.01) H01M 4/88 (2006.01) H01M 8/1004 (2016.01) H01M 8/1018 (2016.01)**

[25] EN

[54] **POROUS ELECTRODE SUBSTRATE, METHOD FOR PRODUCING THE SAME, MEMBRANE ELECTRODE ASSEMBLY, AND POLYMER ELECTROLYTE FUEL CELL SUBSTRAT D'ELECTRODE POREUSE, SON PROCEDE DE FABRICATION, ENSEMBLE MEMBRANE-ELECTRODE ET PILE A COMBUSTIBLE DU TYPE A POLYMERE SOLIDE**

[54] **SUBSTRAT D'ELECTRODE POREUSE, SON PROCEDE DE FABRICATION, ENSEMBLE MEMBRANE-ELECTRODE ET PILE A COMBUSTIBLE DU TYPE A POLYMERE SOLIDE**

[72] SUMIOKA, KAZUHIRO, JP
[72] SAKO, YOSHIHIRO, JP
[73] MITSUBISHI RAYON CO., LTD., JP
[85] 2011-08-01
[86] 2010-02-02 (PCT/JP2010/051380)
[87] (WO2010/090164)
[30] JP (2009-023890) 2009-02-04

[11] **2,751,411**
[13] C

[51] **Int.Cl. C22C 38/04 (2006.01) C21D 8/02 (2006.01) C22C 38/02 (2006.01) C23C 2/06 (2006.01)**

[25] EN

[54] **HIGH STRENGTH GALVANIZED STEEL SHEET WITH EXCELLENT WORKABILITY AND METHOD FOR MANUFACTURING THE SAME**

[54] **TOLE EN ACIER GALVANISE A CHAUD A HAUTE RESISTANCE PRESENTANT UNE EXCELLENTE APTITUDE AU FACONNAGE ET PROCEDE DE FABRICATION ASSOCIE**

[72] KAWASAKI, YOSHIYASU, JP
[72] NAKAGAITO, TATSUYA, JP
[72] KANEKO, SHINJIRO, JP
[72] MATSUOKA, SAIJI, JP
[72] NAGATAKI, YASUNOBU, JP
[73] JFE STEEL CORPORATION, JP
[85] 2011-08-03
[86] 2010-02-19 (PCT/JP2010/053020)
[87] (WO2010/098416)
[30] JP (2009-041588) 2009-02-25
[30] JP (2009-080748) 2009-03-30
[30] JP (2009-291832) 2009-12-24

[11] **2,751,657**
[13] C

[51] **Int.Cl. H04L 29/02 (2006.01) H04L 12/70 (2013.01) H04L 12/953 (2013.01) H04L 29/06 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR DIVERTING ESTABLISHED COMMUNICATION SESSIONS ON THE BASIS OF CONTENT**

[54] **SYSTEME ET METHODE PERMETTANT DE DETOURNER EN FONCTION DU CONTENU DES SESSIONS DE COMMUNICATIONS ETABLIES**

[72] DOLSON, DAVID, CA
[72] BOWMAN, DON, CA
[73] SANDVINE INCORPORATED ULC, CA

[86] (2751657)
[87] (2751657)
[22] 2003-03-26
[62] 2,423,457
[30] US (10/395,081) 2003-03-25

[11] **2,752,919**
[13] C

[51] **Int.Cl. A61L 15/60 (2006.01) A61L 15/28 (2006.01)**

[25] EN

[54] **ACIDIC GAS PERMEATED CARBOXYALKYL STARCH PARTICLES, EXTRUDATES, AND PROCESS FOR MAKING THE SAME**

[54] **PARTICULES D'AMIDON DE CARBOXYALKYL IMPREGNEES PAR UN GAZ ACIDE, EXTRUDATS ET LEUR PROCEDE DE FABRICATION**

[72] GODIN, DANICK, CA
[72] KOUTLAKIS, GEORGE, CA
[72] NOURRY, NICOLAS, CA
[73] ARCHER DANIELS MIDLAND COMPANY, US

[85] 2011-08-17
[86] 2010-02-22 (PCT/US2010/024872)
[87] (WO2010/096742)
[30] US (61/154,119) 2009-02-20

[11] **2,754,155**
[13] C

[51] **Int.Cl. H04W 52/34 (2009.01) H04W 52/28 (2009.01) H04W 52/12 (2009.01) H04W 52/42 (2009.01)**

[25] EN

[54] **LOOP POWER CONTROLS FOR MULTI-CARRIER HIGH-SPEED UPLINK PACKET ACCESS**

[54] **COMMANDES DE PUISSANCE EN BOUCLE POUR ACCES PAR PAQUETS EN LIAISON MONTANTE HAUT DEBIT MULTIPORTEUSE**

[72] ZHANG, DANLU, US
[72] VITTHALADEVUNI, PAVAN KUMAR, US
[72] AGARWAL, RAVI, US
[72] HOU, JILEI, US
[72] OZTURK, OZCAN, US
[72] BHARADWAJ, ARJUN, US
[72] SAMBHWANI, SHARAD DEEPAK, US

[73] QUALCOMM INCORPORATED, US
[85] 2011-09-01
[86] 2010-03-17 (PCT/US2010/027661)
[87] (WO2010/107911)
[30] US (61/160,902) 2009-03-17
[30] US (12/724,963) 2010-03-16

[11] **2,754,421**
[13] C

[51] **Int.Cl. A61H 33/00 (2006.01) A47K 3/16 (2006.01) A61H 23/02 (2006.01) F16J 15/02 (2006.01)**

[25] EN

[54] **APPARATUS FOR BODY TREATMENT OF A USER VIA VIBRATIONS IN A LIQUID**

[54] **APPAREIL DE TRAITEMENT CORPOREL AU MOYEN DE VIBRATIONS DANS UN LIQUIDE**

[72] MORETTO, ALESSANDRO, IT
[73] IDEAL STANDARD INTL. BVBA, BE

[85] 2011-09-02
[86] 2010-02-04 (PCT/IT2010/000038)
[87] (WO2010/100664)
[30] IT (MI2009A000306) 2009-03-03

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[11] **2,755,200**
[13] C

[51] **Int.Cl. C23F 11/00 (2006.01) C23F 14/02 (2006.01) C23G 5/024 (2006.01) C23G 5/06 (2006.01)**

[25] EN

[54] **INHIBITING CORROSION AND SCALING OF SURFACES CONTACTED BY SULFUR-CONTAINING MATERIALS**

[54] **INHIBITION DE LA CORROSION ET DE L'ENTARTRAGE DE SURFACES EN CONTACT AVEC DES MATIERES CONTENANT DU SOUFRE**

[72] FAN, LIANG-TSENG, US

[72] SHAFIE, MOHAMMAD REZA, US

[72] TOLLAS, JULIUS MICHAEL, US

[72] LEE, WILLIAM ARTHUR FITZHUGH, US

[73] GREEN SOURCE ENERGY LLC, US

[85] 2011-09-12

[86] 2010-03-10 (PCT/US2010/026815)

[87] (WO2010/104944)

[30] US (PCT/US09/37112) 2009-03-13

[11] **2,755,322**
[13] C

[51] **Int.Cl. C08G 18/28 (2006.01) C08G 18/10 (2006.01) C08G 18/32 (2006.01) C08G 18/48 (2006.01) C08G 18/50 (2006.01) C08G 18/71 (2006.01) C08G 18/72 (2006.01) C08G 18/75 (2006.01) C08G 18/78 (2006.01) C08G 18/79 (2006.01) C08L 9/08 (2006.01) C09D 7/12 (2006.01) C09D 109/04 (2006.01) D21H 19/36 (2006.01)**

[25] EN

[54] **HYDROPHILIC COMB POLYURETHANE**

[54] **POLYURETHANNE HYDROPHILES EN NID D'ABEILLE**

[72] FEDERICI, FRANCO, IT

[72] COSTA, GABRIELE, IT

[72] BOSSI, THIERRY, IT

[72] FUMAGALLI, STEFANO, IT

[72] VAGO, RICCARDO, IT

[72] LI BASSI, GIUSEPPE, IT

[73] LAMBERTI SPA, IT

[85] 2011-09-12

[86] 2010-03-15 (PCT/EP2010/053300)

[87] (WO2010/106022)

[30] IT (VA2009A000019) 2009-03-16

[11] **2,755,758**
[13] C

[51] **Int.Cl. C02F 5/10 (2006.01) C02F 5/12 (2006.01) C02F 5/14 (2006.01) D21C 3/22 (2006.01) D21C 9/08 (2006.01) D21C 11/10 (2006.01)**

[25] EN

[54] **COMPOSITION FOR INHIBITING CALCIUM SALT SCALE FORMATION**

[54] **COMPOSITION POUR INHIBER LA FORMATION DE TARTRE DE SEL DE CALCIUM**

[72] VERRETT, SHELDON PHILLIP, US

[73] ITALMATCH CHEMICALS SPA, IT

[85] 2011-09-16

[86] 2010-03-16 (PCT/EP2010/053412)

[87] (WO2010/106077)

[30] US (61/160,876) 2009-03-17

[30] EP (09157548.0) 2009-04-07

[11] **2,757,375**
[13] C

[51] **Int.Cl. B21C 37/02 (2006.01)**

[25] EN

[54] **PRODUCING SINGLE SHEET METAL FROM TWO SEPARATE SHEETS**

[54] **PRODUCTION D'UNE TOLE A PARTIR DE DEUX TOLES SEPREES**

[72] TORABI, ALI, CA

[73] TORABI, ALI, CA

[86] (2757375)

[87] (2757375)

[22] 2011-10-28

[11] **2,757,733**
[13] C

[51] **Int.Cl. B01D 24/12 (2006.01)**

[25] EN

[54] **A WATER TREATMENT DEVICE**

[54] **DISPOSITIF DE TRAITEMENT D'EAU**

[72] PARKINSON, DAVID JOHN, GB

[72] DELVES, JAMES EDWARD, GB

[72] WONG, KAM, GB

[73] AQUACYC LIMITED, CN

[85] 2011-10-05

[86] 2010-04-07 (PCT/GB2010/050601)

[87] (WO2010/116186)

[30] GB (0906335.5) 2009-04-09

[11] **2,758,121**
[13] C

[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 21/10 (2013.01)**

[25] EN

[54] **POLICY-BASED MEDIA SYNDICATION AND MONETIZATION**

[54] **SYNDICATION ET MONETISATION DE CONTENU MULTIMEDIA A BASE DE POLITIQUE**

[72] HARRISON, KYLE, US

[72] KING, DAVID, US

[72] ON, ROBERT, US

[73] GOOGLE INC., US

[85] 2011-10-06

[86] 2010-04-07 (PCT/US2010/030266)

[87] (WO2010/118152)

[30] US (61/167,837) 2009-04-08

[30] US (12/755,298) 2010-04-06

[11] **2,759,617**
[13] C

[51] **Int.Cl. C09D 11/326 (2014.01) B41J 2/01 (2006.01) C09B 48/00 (2006.01) C09B 67/00 (2006.01)**

[25] EN

[54] **STABILIZERS FOR PIGMENTS IN SOLID INK**

[54] **STABILISATEUR DE PIGMENTS EN ENCRE SOLIDE**

[72] BIRAU, MARIA, CA

[72] ALLEN, C. GEOFFREY, CA

[72] BRETON, MARCEL P., CA

[72] JENNINGS, CAROL A., CA

[72] TUREK, CAROLINE M., CA

[72] MAYO, JAMES D., CA

[72] WONG, RAYMOND W., CA

[72] GOREDEMA, ADELA, CA

[73] XEROX CORPORATION, US

[86] (2759617)

[87] (2759617)

[22] 2011-11-29

[30] US (12/961,082) 2010-12-06

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[11] **2,760,722**
[13] C

[51] **Int.Cl. B65H 19/22 (2006.01)**
[25] EN
[54] **METHOD, MANDREL AND APPARATUS FOR WINDING UP AND REMOVING CORELESS ROLLS OF STRETCH FILM**

[54] **PROCEDE, MANDRIN ET APPAREIL D'ENROULEMENT ET DE RETRAIT DE ROULEAUX SANS NOYAU DE FILM ETIRABLE**

[72] PELLENGO GATTI, ROBERTO, IT
[73] NO.EL. S.R.L., IT
[85] 2011-11-01
[86] 2010-05-12 (PCT/EP2010/056554)
[87] (WO2010/133495)
[30] IT (MI2009A000865) 2009-05-18

[11] **2,761,133**
[13] C

[51] **Int.Cl. B65D 85/804 (2006.01) A47J 31/06 (2006.01) A47J 31/36 (2006.01) A47J 31/40 (2006.01) A47J 31/44 (2006.01) A61L 2/02 (2006.01)**

[25] EN
[54] **CAPSULE FOR PREPARING A NUTRITIONAL PRODUCT INCLUDING A FILTER AND METHOD**

[54] **CAPSULE POUR PREPARER UN PRODUIT NUTRITIONNEL COMPRENANT UN FILTRE ET PROCEDE**

[72] DOLEAC, FREDERIC, FR
[72] ABRAHAM, SOPHIE, FR
[72] DOUDIN, YASMINE, CH
[72] EPARS, YANN, CH
[72] FABOZZI, THIERRY JEAN ROBERT, CH

[72] WYSS, HEINZ, CH
[72] BEZET, NICOLAS, FR
[72] SCORRANO, LUCIO, CH
[72] DOGAN, NIHAN, CH
[72] MEIER, ALAIN, CH
[73] NESTEC S.A., CH
[85] 2011-11-04
[86] 2010-05-04 (PCT/EP2010/056043)
[87] (WO2010/128051)
[30] EP (09159373.1) 2009-05-05
[30] EP (09162485.8) 2009-06-11

[11] **2,763,448**
[13] C

[51] **Int.Cl. H04W 52/34 (2009.01) H04W 52/14 (2009.01) H04W 52/36 (2009.01) H04W 72/12 (2009.01)**

[25] EN
[54] **POWER HEADROOM REPORTING FOR CARRIER AGGREGATION**

[54] **COMPTE RENDU DE MARGE DE PUISSANCE POUR AGREGATION DE PORTEUSE**

[72] HEQ, YOUNG HYOUNG, CA
[72] CAI, ZHIJUN, US
[72] EARNSHAW, ANDREW MARK, CA
[72] MCBEATH, SEAN, US
[72] FONG, MO-HAN, CA
[73] BLACKBERRY LIMITED, CA
[85] 2011-11-23
[86] 2010-05-21 (PCT/US2010/035844)
[87] (WO2010/135697)
[30] US (61/180,652) 2009-05-22
[30] US (61/303,920) 2010-02-12
[30] US (61/320,211) 2010-04-01

[11] **2,765,025**
[13] C

[51] **Int.Cl. E04C 3/12 (2006.01) E04B 1/26 (2006.01) E04C 5/12 (2006.01)**

[25] FR
[54] **METHOD FOR MANUFACTURING FIBROUS MATERIAL ASSEMBLIES TO PRODUCE SUPPORTING STRUCTURE, ASSEMBLIES PRODUCED BY SAID METHOD, AND STRUCTURE IMPLEMENTING SAID ASSEMBLIES**

[54] **PROCEDE POUR LA FABRICATION D'ASSEMBLAGES EN MATERIAU FIBREUX POUR LA REALISATION D'UNE STRUCTURE DE SUPPORT, ASSEMBLAGES OBTENUS PAR CE PROCEDE ET STRUCTURE METTANT EN OEUVRE CESASSEMBLAGES**

[72] BOCQUET, JEAN-FRANCOIS MAURICE, FR
[72] TOUSSAINT, PASCAL ANDRE JEAN, FR
[73] UNIVERSITE DE LORRAINE, FR
[85] 2011-12-08
[86] 2010-07-01 (PCT/FR2010/051385)
[87] (WO2011/001119)
[30] FR (09/54503) 2009-07-01
[30] FR (09/54854) 2009-07-10

[11] **2,765,635**
[13] C

[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/00 (2006.01) A61K 9/16 (2006.01) A61K 31/381 (2006.01)**

[25] EN
[54] **PHARMACEUTICAL COMPOSITION OF DULOXETINE OR PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF**

[54] **COMPOSITION PHARMACEUTIQUE DE DULOXETINE OU SES SELS PHARMACEUTIQUEMENT ACCEPTABLES**

[72] MATE, SANJAY, IN
[72] KAPOOR, RITESH, IN
[72] HUDA, INDERJEETSINGH, IN
[72] ROY, KASTURI, IN
[72] TALWAR, MUNISH, IN
[72] JAIN, GIRISH KUMAR, IN
[73] WOCKHARDT RESEARCH CENTRE, IN

[85] 2011-12-15
[86] 2010-06-24 (PCT/IB2010/052879)
[87] (WO2010/150219)
[30] IN (1506/MUM/2009) 2009-06-25
[30] IN (1507/MUM/2009) 2009-06-25

[11] **2,765,776**
[13] C

[51] **Int.Cl. B01J 20/18 (2006.01) A23B 7/148 (2006.01) B01J 20/32 (2006.01) B01J 20/34 (2006.01)**

[25] EN
[54] **ADSORPTION OF VOLATILE ORGANIC COMPOUNDS DERIVED FROM ORGANIC MATTER**

[54] **ADSORPTION DE COMPOSES ORGANIQUES VOLATILS DERIVES DE MATIERE ORGANIQUE**

[72] ROWSELL, ELIZABETH, GB
[72] SMITH, ANDREW WILLIAM JOHN, GB
[72] POULSTON, STEPHEN, GB
[73] ANGLO PLATINUM MARKETING LIMITED, GB

[85] 2011-12-16
[86] 2010-07-02 (PCT/GB2010/051095)
[87] (WO2011/001186)
[30] GB (0911478.6) 2009-07-02

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[11] **2,766,542**
[13] C

[51] **Int.Cl. C10L 1/10 (2006.01) C10L 10/06 (2006.01) C10L 10/18 (2006.01)**
[25] EN
[54] **SYNERGISTIC DETERGENT AND ACTIVE METAL COMPOUND COMBINATION**
[54] **COMBINAISON SYNERGIQUE DETERGENT ET COMPOSE A METAL ACTIF**
[72] HARLE, VIRGINIE, FR
[72] LALLEMAND, MICHAEL, FR
[72] MORETON, DAVID J., GB
[72] MACDUFF, MALCOLM G. J., GB
[72] PUDLARZ, MAGALI, GB
[73] RHODIA OPERATIONS, FR
[73] THE LUBRIZOL CORPORATION, US
[85] 2011-12-22
[86] 2009-06-23 (PCT/IB2009/006396)
[87] (WO2010/150040)

[11] **2,766,726**
[13] C

[51] **Int.Cl. H05B 41/28 (2006.01) H05B 41/36 (2006.01)**
[25] EN
[54] **TWO LEVEL LIGHTING BALLAST**
[54] **BALLAST D'ECLAIRAGE A DEUX NIVEAUX**
[72] KUMAR, NITIN, US
[72] BAKRE, SHASHANK, US
[72] SCHALTON, THOMAS J., US
[73] OSRAM SYLVANIA INC., US
[86] (2766726)
[87] (2766726)
[22] 2012-02-02
[30] US (13/024,443) 2011-02-10

[11] **2,768,391**
[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR QUANTITATIVE DETECTION OF NUCLEIC ACID SEQUENCES OVER AN EXTENDED DYNAMIC RANGE**
[54] **PROCEDES ET COMPOSITIONS POUR LA DETECTION QUANTITATIVE DE SEQUENCES D'ACIDES NUCLEIQUES SUR UNE GAMME DYNAMIQUE ETENDUE**
[72] BROWNE, KENNETH A., US
[72] KACIAN, DANIEL L., US
[73] GEN-PROBE INCORPORATED, US
[85] 2012-01-16
[86] 2010-07-21 (PCT/US2010/042776)
[87] (WO2011/011535)
[30] US (61/227,339) 2009-07-21
[30] US (61/230,938) 2009-08-03

[11] **2,768,446**
[13] C

[51] **Int.Cl. E01H 4/02 (2006.01) E01H 5/12 (2006.01)**
[25] EN
[54] **HORIZONTAL ICE CUTTINGS CONVEYOR FOR ICE RESURFACING MACHINES**
[54] **CONVOYEUR HORIZONTAL DE DEBRIS DE GLACE POUR MACHINES DE RESURFACAGE DE GLACE**
[72] MANION, PATRICK R., US
[73] MANION, PATRICK R., US
[85] 2012-01-17
[86] 2009-07-21 (PCT/US2009/051323)
[87] (WO2010/014465)
[30] US (61/083,917) 2008-07-26

[11] **2,768,593**
[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 9/22 (2006.01)**
[25] EN
[54] **A METHOD OF REMOVING NUCLEIC ACID CONTAMINATION IN REVERSE TRANSCRIPTION AND AMPLIFICATION REACTIONS**
[54] **PROCEDE D'ELIMINATION D'UNE CONTAMINATION PAR ACIDE NUCLEIQUE DANS DES REACTIONS DE TRANSCRIPTION INVERSE ET D'AMPLIFICATION**
[72] ELDE, MORTEN, NO
[72] LANES, OLAV, NO
[72] GJELLESVIK, DAG RUNE, NO
[73] BIOTEC PHARMACON ASA, NO
[85] 2012-01-19
[86] 2010-07-21 (PCT/GB2010/001384)
[87] (WO2011/010094)
[30] GB (0912637.6) 2009-07-21
[30] US (61/235,177) 2009-08-19

[11] **2,770,190**
[13] C

[51] **Int.Cl. F24H 1/10 (2006.01) F24H 9/18 (2006.01)**
[25] EN
[54] **COIL TUBE HEAT EXCHANGER FOR A TANKLESS HOT WATER SYSTEM**
[54] **ECHANGEUR DE CHALEUR A TUBE DE SERPENTIN POUR UN CIRCUIT D'EAU CHAUDE SANS RESERVOIR**
[72] DEIVASIGAMANI, SRIDHAR, US
[72] AKASAM, SIVAPRASAD, US
[73] DEIVASIGAMANI, SRIDHAR, US
[73] AKASAM, SIVAPRASAD, US
[85] 2012-02-03
[86] 2010-08-18 (PCT/US2010/045834)
[87] (WO2011/022452)
[30] US (61/234,710) 2009-08-18
[30] US (12/858,101) 2010-08-17

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[11] **2,770,527**
[13] C

[51] **Int.Cl. B07B 1/14 (2006.01) B07B 1/15 (2006.01) B07B 9/00 (2006.01)**

[25] EN

[54] **SCREENING MACHINE, IN PARTICULAR STAR SCREENING MACHINE**

[54] **CRIBLE, EN PARTICULIER CRIBLE A ETOILES**

[72] DOPPSTADT, JOHANN, DE

[72] BERGER, HORST, DE

[73] DOPPSTADT FAMILIENHOLDING GMBH, DE

[85] 2012-02-08

[86] 2010-04-16 (PCT/EP2010/002351)

[87] (WO2010/127763)

[30] DE (20 2009 006 561.8) 2009-05-07

[30] DE (20 2009 010 983.6) 2009-08-13

[11] **2,770,805**
[13] C

[51] **Int.Cl. B07B 1/46 (2006.01) B07B 1/28 (2006.01)**

[25] EN

[54] **SCREEN PANEL CENTER RETAINER SYSTEM**

[54] **SYSTEME DE RETENUE CENTRAL DE PANNEAU D'ECRAN**

[72] LANE, TRACY LEONARD, US

[72] BACHO, FRANK J., US

[73] CONN-WELD INDUSTRIES, INC., US

[86] (2770805)

[87] (2770805)

[22] 2012-03-13

[30] US (13/070,601) 2011-03-24

[11] **2,771,674**
[13] C

[51] **Int.Cl. G06Q 20/32 (2012.01) H04W 4/24 (2009.01) H04B 5/00 (2006.01)**

[25] EN

[54] **METHODS AND APPARATUS TO OBTAIN TRANSACTION INFORMATION**

[54] **PROCEDE ET APPAREIL CONCU POUR OBTENIR DES INFORMATIONS SUR LES TRANSACTIONS**

[72] WALKER, DAVID RYAN, CA

[72] FYKE, STEVEN HENRY, CA

[73] BLACKBERRY LIMITED, CA

[86] (2771674)

[87] (2771674)

[22] 2012-03-15

[30] EP (11158745.7) 2011-03-17

[11] **2,771,816**
[13] C

[51] **Int.Cl. H04L 9/00 (2006.01) G06Q 30/00 (2012.01) H04L 9/30 (2006.01) H04L 9/32 (2006.01) H04L 12/16 (2006.01)**

[25] EN

[54] **TRUSTED MESSAGE STORAGE AND TRANSFER PROTOCOL AND SYSTEM**

[54] **STOCKAGE DE MESSAGE DE CONFIANCE ET PROTOCOLE ET SYSTEME DE TRANSFERT**

[72] EVERETT, DAVID, GB

[73] LOYALTY PAYS HOLDINGS CORPORATION, CA

[85] 2012-02-22

[86] 2010-09-17 (PCT/CA2010/001434)

[87] (WO2011/032271)

[30] US (61/243,203) 2009-09-17

[30] CA (PCT/CA2010/000435) 2010-03-30

[11] **2,772,050**
[13] C

[51] **Int.Cl. G01N 27/00 (2006.01) G01N 21/66 (2006.01) G01N 21/76 (2006.01)**

[25] EN

[54] **ASSAY CARTRIDGES AND METHODS OF USING THE SAME**

[54] **CARTOUCHES D'ESSAI ET PROCEDES D'UTILISATION**

[72] GLEZER, ELI N., US

[72] LELAND, JONATHAN K., US

[72] BILLADEAU, MARK A., US

[72] LEGINUS, JOSEPH M., US

[72] JEFFREY-COKER, BANDELE, US

[72] DEBAD, JEFF D., US

[72] PHALNIKAR, KOUSTUBH A., US

[72] JAMBUNATHAN, SRIRAM, US

[73] MESO SCALE TECHNOLOGIES, LLC., US

[86] (2772050)

[87] (2772050)

[22] 2003-12-23

[62] 2,511,389

[30] US (60/436,569) 2002-12-26

[11] **2,775,663**
[13] C

[51] **Int.Cl. H04N 21/434 (2011.01) H04N 21/40 (2011.01)**

[25] EN

[54] **DIGITAL BROADCAST RECEIVER AND METHOD FOR PROCESSING CAPTION THEREOF**

[54] **RECEPTEUR DE RADIODIFFUSION NUMERIQUE ET METHODE DE TRAITEMENT DE SOUS-TITRES CONNEXES**

[72] PARK, TAE JIN, KR

[73] LG ELECTRONICS INC., KR

[86] (2775663)

[87] (2775663)

[22] 2004-09-16

[62] 2,736,071

[30] KR (10-2003-0064442) 2003-09-17

[11] **2,775,823**
[13] C

[51] **Int.Cl. H04N 21/43 (2011.01)**

[25] EN

[54] **DIGITAL BROADCAST RECEIVER AND METHOD FOR PROCESSING CAPTION THEREOF**

[54] **RECEPTEUR DE RADIODIFFUSION NUMERIQUE ET METHODE DE TRAITEMENT DE SOUS-TITRES CONNEXES**

[72] PARK, TAE JIN, KR

[73] LG ELECTRONICS INC., KR

[86] (2775823)

[87] (2775823)

[22] 2004-09-16

[62] 2,736,071

[30] KR (10-2003-0064442) 2003-09-17

[11] **2,776,654**
[13] C

[51] **Int.Cl. B23P 19/02 (2006.01) B23P 6/00 (2006.01)**

[25] EN

[54] **TOOLING SYSTEM AND METHOD FOR REMOVING A DAMAGED OR DEFECTIVE BUSHING**

[54] **SYSTEME D'OUTILS ET METHODE POUR LE RETRAIT D'UN MANCHON DEFECTUEUX**

[72] COOPER, TOM, US

[73] BELL HELICOPTER TEXTRON INC., US

[86] (2776654)

[87] (2776654)

[22] 2012-05-11

[30] US (61/484,833) 2011-05-11

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[11] **2,777,028**
[13] C

[51] **Int.Cl. C08L 33/08 (2006.01) C08L 33/10 (2006.01) C08L 33/16 (2006.01) C09D 133/08 (2006.01) C09D 133/10 (2006.01) C09D 133/16 (2006.01)**

[25] EN

[54] **FLUOROPOLYMER EMULSIONS**

[54] **EMULSIONS DE FLUOROPOLYMERES**

[72] BROWN, GERALD ORONDE, US

[72] HELINSKI, VICTORIA ANN, US

[73] E. I. DU PONT DE NEMOURS AND COMPANY, US

[85] 2012-04-05

[86] 2010-10-26 (PCT/US2010/054006)

[87] (WO2011/056525)

[30] US (12/614,488) 2009-11-09

[30] US (12/614,482) 2009-11-09

[11] **2,778,240**
[13] C

[51] **Int.Cl. G10L 19/18 (2013.01) G10L 19/12 (2013.01)**

[25] EN

[54] **MULTI-MODE AUDIO CODEC AND CELP CODING ADAPTED THEREFORE**

[54] **CODEC AUDIO MULTIMODE ET CODAGE CELP ADAPTE A CE CODEC**

[72] GEIGER, RALF, DE

[72] FUCHS, GUILLAUME, DE

[72] MULTRUS, MARKUS, DE

[72] GRILL, BERNHARD, DE

[73] FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE

[85] 2012-04-19

[86] 2010-10-19 (PCT/EP2010/065718)

[87] (WO2011/048094)

[30] US (61/253,440) 2009-10-20

[11] **2,779,271**
[13] C

[51] **Int.Cl. G06K 19/06 (2006.01) G06K 19/077 (2006.01) H05B 37/02 (2006.01)**

[25] EN

[54] **CARD WITH ILLUMINATED CODES FOR USE IN SECURE TRANSACTIONS**

[54] **CARTE A CODES ECLAIRES A UTILISER DANS DES TRANSACTIONS SECURISEES**

[72] BONA, JOHN KENNETH, US

[72] DOMSTEN, RUNE PETTER, DK

[72] NIELSEN, FINN, DK

[85] EN

[73] X-CARD HOLDINGS, LLC, US

[85] 2012-04-27

[86] 2010-11-04 (PCT/US2010/055388)

[87] (WO2011/056931)

[30] US (61/258,255) 2009-11-05

[30] US (12/762,518) 2010-04-19

[11] **2,781,605**
[13] C

[51] **Int.Cl. H04L 1/20 (2006.01) H04B 1/12 (2006.01)**

[25] EN

[54] **SYSTEM FOR AND METHOD OF REMOVING UNWANTED INBAND SIGNALS FROM A RECEIVED COMMUNICATION SIGNAL**

[54] **SYSTEME ET PROCEDE DE SUPPRESSION DE SIGNAUX INTRA-BANDES INTEMPESTIFS, A PARTIR D'UN SIGNAL DE COMMUNICATION RECU**

[72] DOWNEY, MICHAEL L., US

[72] CHU, JEFFREY C., US

[73] GLOWLINK COMMUNICATIONS TECHNOLOGY, INC., US

[85] 2012-05-23

[86] 2010-11-08 (PCT/US2010/055883)

[87] (WO2011/068636)

[30] US (61/266,312) 2009-12-03

[30] US (12/753,644) 2010-04-02

[11] **2,781,653**
[13] C

[51] **Int.Cl. H02J 13/00 (2006.01) G06Q 50/06 (2012.01) G08C 25/00 (2006.01)**

[25] EN

[54] **NETWORK SYSTEM FOR A COMPONENT**

[54] **SYSTEME DE RESEAU POUR COMPOSANT**

[72] LEE, HOONBONG, KR

[72] LEE, KOONSEOK, KR

[72] KIM, YANGHWAN, KR

[72] AHN, JUNHO, KR

[73] LG ELECTRONICS INC., KR

[85] 2012-05-23

[86] 2010-11-26 (PCT/IB2010/003388)

[87] (WO2011/064671)

[30] KR (10-2009-0115203) 2009-11-26

[30] KR (10-2009-0126377) 2009-12-17

[30] KR (10-2009-0126375) 2009-12-17

[30] KR (10-2009-0126376) 2009-12-17

[30] KR (10-2009-0126364) 2009-12-17

[30] KR (10-2009-0126362) 2009-12-17

[30] KR (10-2009-0126360) 2009-12-17

[30] KR (PCT/KR2010/002852) 2010-05-05

[30] KR (PCT/KR2010/002851) 2010-05-05

[30] KR (PCT/KR2010/003750) 2010-06-10

[11] **2,783,152**
[13] C

[51] **Int.Cl. B65D 5/54 (2006.01)**

[25] EN

[54] **A CORRUGATED BOX WITH AN IMPROVED OPENING SYSTEM**

[54] **BOITE EN CARTON ONDULE DOTEE D'UN SYSTEME D'OUVERTURE AMELIORE**

[72] RAETH, ERIKA J., US

[72] VILAG, KENNETH, US

[72] WOOD, THOMAS J., US

[73] FEDERAL EXPRESS CORPORATION, US

[85] 2012-06-06

[86] 2010-12-03 (PCT/US2010/058918)

[87] (WO2011/071774)

[30] US (12/654,105) 2009-12-10

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6 septembre 2016**

[11] **2,783,271**
[13] C

[51] **Int.Cl. H01L 31/11 (2006.01) H01L 31/107 (2006.01) G01S 7/486 (2006.01) H01L 31/0232 (2014.01)**

[25] EN

[54] **DICHROMATIC PHOTODIODES
PHOTODIODES
DICHROMATIQUES**

[72] YUAN, PING, US

[72] BAI, XIAOGANG, US

[72] SUDHARSANAN, RENGARAJAN, US

[73] THE BOEING COMPANY, US

[86] (2783271)

[87] (2783271)

[22] 2012-07-16

[30] US (US 13/230,847) 2011-09-13

[11] **2,783,725**
[13] C

[51] **Int.Cl. H01H 13/14 (2006.01) H04M 1/23 (2006.01)**

[25] EN

[54] **ELECTRONIC DEVICE
INCLUDING KEYPAD WITH
KEYS HAVING A RIDGED
SURFACE PROFILE**

[54] **DISPOSITIF ELECTRONIQUE
COMPRENANT UN CLAVIER A
TOUCHES AYANT UN PROFIL DE
SURFACE SAILLANT**

[72] LEUNG, KWOK CHING, CA

[72] ZHU, MIN, CA

[72] GRIFFIN, JASON TYLER, CA

[73] BLACKBERRY LIMITED, CA

[85] 2012-06-07

[86] 2011-01-25 (PCT/IB2011/000110)

[87] (WO2011/098874)

[30] US (61/304,576) 2010-02-15

[11] **2,783,874**
[13] C

[51] **Int.Cl. H01B 3/42 (2006.01) H01B 3/18 (2006.01) H01B 3/36 (2006.01)**

[25] EN

[54] **HALOGEN-FREE, FLAME
RETARDANT COMPOSITIONS
FOR WIRE AND CABLE
APPLICATIONS**

[54] **COMPOSITIONS IGNIFUGES
EXEMPTES D'HALOGENE
DESTINEES A DES
APPLICATIONS DE FIL ET DE
CABLE**

[72] CHEN, GIVEN JING, CN

[72] YAN, WILSON XIAO WEI, CN

[72] LU, LAN, CN

[72] LI, BIN, CN

[72] GUO, DAVID HONG FEI, CN

[72] HUANG, LOTUS HUA, CN

[73] DOW GLOBAL TECHNOLOGIES
LLC, US

[85] 2012-06-08

[86] 2009-12-18 (PCT/CN2009/075727)

[87] (WO2011/072459)

[11] **2,784,943**
[13] C

[51] **Int.Cl. C07C 45/50 (2006.01) C07C 47/02 (2006.01)**

[25] EN

[54] **CONTROLLING THE
NORMAL:ISO ALDEHYDE RATIO
IN A MIXED LIGAND
HYDROFORMYLATION
PROCESS BY CONTROLLING
THE SYNGAS PARTIAL
PRESSURE**

[54] **REGLAGE DU RAPPORT
ALDEHYDE
NORMAL:ALDEHYDE ISO DANS
UN PROCEDE
D'HYDROFORMYLATION A
LIGAND MIXTE PAR REGLAGE
DE LA PRESSION PARTIELLE DE
GAZ DE SYNTHESE**

[72] EISENSCHMID, THOMAS C., US

[72] SAWREY, JEFFREY S., US

[72] MILLER, GLENN A., US

[72] BRAMMER, MICHAEL A., US

[73] DOW TECHNOLOGY
INVESTMENTS LLC, US

[85] 2012-06-19

[86] 2010-12-15 (PCT/US2010/060471)

[87] (WO2011/087688)

[30] US (61/289,115) 2009-12-22

[11] **2,785,002**
[13] C

[51] **Int.Cl. H02M 7/48 (2007.01)**

[25] EN

[54] **POWER CONVERTER DEVICE
AND DRIVING METHOD
THEREOF**

[54] **APPAREIL DE CONVERSION DE
PUISSANCE ET PROCEDE DE
COMMANDE D'UN APPAREIL DE
CONVERSION DE PUISSANCE**

[72] JIMICHI, TAKUSHI, JP

[72] AZUMA, SATOSHI, JP

[73] MITSUBISHI ELECTRIC
CORPORATION, JP

[85] 2012-06-19

[86] 2010-05-26 (PCT/JP2010/058900)

[87] (WO2011/077767)

[30] JP (2009-292564) 2009-12-24

[11] **2,786,192**
[13] C

[51] **Int.Cl. H04W 40/16 (2009.01) H04W 16/26 (2009.01)**

[25] EN

[54] **A SYSTEM AND METHOD FOR
DETECTING A TARGET CELL IN
A CELLULAR NETWORK**

[54] **SYSTEME ET PROCEDE DE
DETECTION D'UNE CELLULE
CIBLE DANS UN RESEAU
CELLULAIRE**

[72] EKICI, OZGUR, CA

[72] ISLAM, MUHAMMAD KHALEDUL,
CA

[73] BLACKBERRY LIMITED, CA

[85] 2012-07-03

[86] 2011-02-22 (PCT/CA2011/000195)

[87] (WO2011/103660)

[30] EP (10154436.9) 2010-02-23

**Canadian Patents Issued
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[11] **2,786,804**
[13] C

[51] **Int.Cl. H04W 48/12 (2009.01) H04W 24/00 (2009.01) H04W 52/32 (2009.01) H04W 72/04 (2009.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR CONTROL CHANNEL INTERFERENCE MANAGEMENT AND EXTENDED PDCCH**

[54] **SYSTEME ET PROCEDE PERMETTANT UNE GESTION DES INTERFERENCES DE CANAL DE COMMANDE ET CANAL PHYSIQUE DE COMMANDE DE LIAISON DESCENDANTE (PDCCH) ETENDU**

[72] FONG, MO-HAN, CA
[72] HEO, YOUNG HYOUNG, KR
[72] XU, HUA, CA
[72] SMITH, JACK ANTHONY, US
[72] EARNSHAW, ANDREW MARK, CA
[72] NOVAK, ROBERT, CA
[72] CAL, ZHIJUN, US
[72] MCBEATH, SEAN, US
[73] BLACKBERRY LIMITED, CA
[85] 2012-07-09
[86] 2011-01-07 (PCT/US2011/020512)
[87] (WO2011/085195)
[30] US (61/294,091) 2010-01-11

[11] **2,787,508**
[13] C

[51] **Int.Cl. E04B 1/348 (2006.01) E04B 1/19 (2006.01) E04B 1/343 (2006.01) E04H 1/00 (2006.01)**

[25] EN

[54] **MODULE FOR THE CONSTRUCTION OF BUILDINGS, AND CONSTRUCTION METHOD**

[54] **MODULE DE CONSTRUCTION DE BATIMENTS ET METHODE DE CONSTRUCTION**

[72] RODRIGUEZ, OSVALDO NESTOR, AR
[73] BEUCHAT, BARROS & PFENNIGER, CL
[73] RODRIGUEZ, OSVALDO NESTOR, AR
[85] 2012-07-19
[86] 2011-01-19 (PCT/CL2011/000005)
[87] (WO2011/088586)
[30] AR (20100100109) 2010-01-19

[11] **2,788,862**
[13] C

[51] **Int.Cl. H01Q 1/38 (2006.01) H04W 88/02 (2009.01) H01Q 9/04 (2006.01) H04B 7/04 (2006.01)**

[25] EN

[54] **LOW FREQUENCY DIVERSITY ANTENNA SYSTEM**

[54] **SYSTEME D'ANTENNE DE DIVERSITE COMPRENANT DES ANTENNES A MOTIFS EN MEANDRES**

[72] RAO, QINJIANG, CA
[73] BLACKBERRY LIMITED, CA
[85] 2012-08-01
[86] 2011-03-04 (PCT/CA2011/050128)
[87] (WO2011/106899)
[30] US (12/718,862) 2010-03-05

[11] **2,789,273**
[13] C

[51] **Int.Cl. B67D 1/08 (2006.01)**

[25] EN

[54] **BEVERAGE DISPENSING DEVICE HAVING AUDIO AND VIDEO FEEDBACK**

[54] **DISPOSITIF DE DISTRIBUTION DE BOISSONS DONNANT UN RETOUR D'INFORMATIONS SOUS FORME AUDIO ET VIDEO**

[72] DEO, INDRANI, US
[72] JERSEY, STEVEN, US
[73] PEPSICO, INC., US
[85] 2012-08-08
[86] 2011-02-09 (PCT/US2011/024129)
[87] (WO2011/100276)
[30] US (12/703,091) 2010-02-09

[11] **2,790,740**
[13] C

[51] **Int.Cl. H04N 19/30 (2014.01) H04L 12/803 (2013.01) H04L 12/12 (2006.01) H04N 7/15 (2006.01)**

[25] EN

[54] **TRANSMISSION SYSTEM AND TRANSMITTING METHOD**

[54] **SYSTEME DE TRANSMISSION ET METHODE DE TRANSMISSION**

[72] ASAI, TAKAHIRO, JP
[73] RICOH COMPANY, LIMITED, JP
[85] 2012-08-21
[86] 2011-02-24 (PCT/JP2011/054830)
[87] (WO2011/105621)
[30] JP (2010-038665) 2010-02-24
[30] JP (2011-000561) 2011-01-05

[11] **2,791,002**
[13] C

[51] **Int.Cl. B21D 51/02 (2006.01) B23P 15/00 (2006.01) B64C 1/06 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD OF MANUFACTURING A STRUCTURE**

[54] **SYSTEME ET METHODE DE FABRICATION D'UNE STRUCTURE**

[72] BISHOP, STEPHEN K., US
[72] WILSON, CRYSTAL L., US
[72] LEMOND, PAULETTE D., US
[72] SWENSON, STEPHEN S., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2791002)
[87] (2791002)
[22] 2012-09-27
[30] US (61/547,136) 2011-10-14
[30] US (13/596,257) 2012-08-28

[11] **2,791,195**
[13] C

[51] **Int.Cl. H04W 8/00 (2009.01) G07B 15/06 (2011.01)**

[25] EN

[54] **WIRELESS COMMUNICATION BETWEEN TWO TEMPORARILY CONNECTED DEVICES**

[54] **COMMUNICATION SANS FIL ENTRE DEUX DISPOSITIFS CONNECTES TEMPORAIREMENT**

[72] BALGARD, LENNART, SE
[72] ERICSSON, NICLAS, SE
[72] HANSEN, EWA, SE
[72] GIDLUND, MIKAEL, SE
[73] ABB RESEARCH LTD, CH
[85] 2012-08-27
[86] 2010-03-01 (PCT/EP2010/052521)
[87] (WO2011/107136)

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[11] **2,791,861**
[13] C

[51] **Int.Cl. B01J 8/00 (2006.01) B01J 8/02 (2006.01) C01B 3/24 (2006.01)**

[25] EN

[54] **METHOD FOR REMOVING SULFUR COMPOUNDS IN CASTABLE**

[54] **PROCEDE D'ELIMINATION D'UN COMPOSE DE SOUFRE DANS UNE MATIERE COULABLE**

[72] HODOSHIMA, SHINYA, JP
[72] YAGI, FUYUKI, JP
[72] WAKAMATSU, SHUHEI, JP
[72] KAWAZUI, KENICHI, JP
[73] JAPAN OIL, GAS AND METALS NATIONAL CORPORATION, JP
[73] INPEX CORPORATION, JP
[73] JX NIPPON OIL & ENERGY CORPORATION, JP
[73] JAPAN PETROLEUM EXPLORATION CO., LTD., JP
[73] COSMO OIL CO., LTD., JP
[73] NIPPON STEEL ENGINEERING CO., LTD., JP
[73] CHIYODA CORPORATION, JP
[85] 2012-08-31
[86] 2011-02-21 (PCT/JP2011/000935)
[87] (WO2011/108213)
[30] JP (2010-045698) 2010-03-02

[11] **2,794,035**
[13] C

[51] **Int.Cl. F04D 3/00 (2006.01) F01D 9/02 (2006.01) F02K 3/00 (2006.01)**

[25] EN

[54] **AXIAL COMPRESSOR FOR FLUID-FLOW MACHINES**

[54] **COMPRESSEUR AXIAL POUR MACHINES A CIRCULATION DE FLUIDE**

[72] MICHELI, MARCO, CH
[72] KAPPIS, WOLFGANG, CH
[72] PUERTA, LUIS FEDERICO, CH
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[86] (2794035)
[87] (2794035)
[22] 2012-11-01
[30] CH (01833/11) 2011-11-16

[11] **2,794,534**
[13] C

[51] **Int.Cl. B07B 1/46 (2006.01) F16B 3/00 (2006.01) F16B 5/10 (2006.01) F16B 17/00 (2006.01)**

[25] EN

[54] **LOCKING TWIST PIN SCREEN PANEL RETAINER SYSTEM**

[54] **SYSTEME DE RETENUE DE PANNEAU D'ECRAN A BROCHES TORSADEES VERROUILLABLE**

[72] LANE, TRACY LEONARD, US
[72] BACHO, FRANK J., US
[73] CONN-WELD INDUSTRIES, INC., US
[86] (2794534)
[87] (2794534)
[22] 2012-11-06
[30] US (13/628,399) 2012-09-27

[11] **2,794,797**
[13] C

[51] **Int.Cl. H04M 1/725 (2006.01)**

[25] EN

[54] **SOLVING CHARACTER DISPLAY AMBIGUITIES**

[54] **RESOLUTION D'AMBIGUITES D'AFFICHAGE DE CARACTERE**

[72] ARZELIER, CLAUDE JEAN-FREDERIC, FR
[73] BLACKBERRY LIMITED, CA
[85] 2012-09-27
[86] 2011-04-04 (PCT/EP2011/055193)
[87] (WO2011/121135)
[30] EP (10290179.0) 2010-04-02

[11] **2,798,528**
[13] C

[51] **Int.Cl. H04W 28/06 (2009.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR PDCCH BLIND DECODING IN MOBILE COMMUNICATIONS**

[54] **PROCEDES ET SYSTEMES DE DECODAGE AVEUGLE DE CANAL PDCCH EN COMMUNICATIONS MOBILES**

[72] MALLADI, DURGA PRASAD, US
[72] MONTOJO, JUAN, US
[72] SARKAR, SANDIP, US
[73] QUALCOMM INCORPORATED, US
[86] (2798528)
[87] (2798528)
[22] 2008-10-29
[62] 2,702,123
[30] US (60/983,907) 2007-10-30
[30] US (12/259,798) 2008-10-28

[11] **2,798,777**
[13] C

[51] **Int.Cl. C12N 5/079 (2010.01) C12N 5/07 (2010.01) C12N 5/077 (2010.01)**

[25] EN

[54] **FORMATION OF NEUROMUSCULAR JUNCTIONS IN A DEFINED SYSTEM**

[54] **FORMATION DE JONCTIONS NEUROMUSCULAIRES DANS UN SYSTEME DEFINI**

[72] HICKMAN, JAMES, US
[72] GUO, XIUFANG, US
[73] UNIVERSITY OF CENTRAL FLORIDA RESEARCH FOUNDATION, INC., US
[85] 2012-11-06
[86] 2011-05-06 (PCT/US2011/035585)
[87] (WO2011/133985)
[30] US (12/765,996) 2010-04-23

[11] **2,799,721**
[13] C

[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/145 (2006.01) A61M 5/32 (2006.01)**

[25] EN

[54] **DRUG DELIVERY DEVICE**

[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT**

[72] CRONENBERG, RICHARD A., US
[72] VEDRINE, LIONEL, US
[72] ALCHAS, PAUL, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2012-11-16
[86] 2011-03-28 (PCT/US2011/030182)
[87] (WO2011/146166)
[30] US (61/346,542) 2010-05-20

[11] **2,801,481**
[13] C

[51] **Int.Cl. A01D 65/00 (2006.01)**

[25] EN

[54] **CROP LIFTER**

[54] **SOULEVEUSE DE RECOLTES**

[72] HOELLER, FRANK, DE
[72] SCHUMACHER, FRIEDRICH-WILHELM, DE
[73] GEBR. SCHUMACHER GERAETEBAUGESELLSCHAFT MBH, DE
[86] (2801481)
[87] (2801481)
[22] 2013-01-09
[30] DE (102012100302.5) 2012-01-13

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[11] **2,802,724**
[13] C

[51] **Int.Cl. C12M 1/34 (2006.01) C12Q 1/00 (2006.01) G01N 33/02 (2006.01) G01N 33/18 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETECTING BIOLOGICAL MOLECULES IN SAMPLES**
[54] **PROCEDE ET SYSTEME POUR DETECTER DES MOLECULES BIOLOGIQUES DANS DES ECHANTILLONS**
[72] BROWN, R. STEPHEN, CA
[72] MARCOTTE, ERIC, CA
[72] WILTON, DOUG, CA
[72] GALLANT, PETER, CA
[72] DOLPHIN, DAVID, CA
[72] UNDERWOOD, LEE, GB
[73] PATHOGEN DETECTION SYSTEMS, INC., CA
[73] QUEEN'S UNIVERSITY AT KINGSTON, CA
[85] 2012-12-14
[86] 2011-06-17 (PCT/CA2011/000722)
[87] (WO2011/156915)
[30] US (61/356,384) 2010-06-18

[11] **2,802,983**
[13] C

[51] **Int.Cl. H01H 33/66 (2006.01) H01H 79/00 (2006.01) H01T 2/02 (2006.01)**
[25] EN
[54] **ARCING FAULT AND ARC FLASH PROTECTION SYSTEM HAVING A HIGH-SPEED SWITCH**
[54] **SYSTEME DE PROTECTION CONTRE DEFAUT ET ECLAIR D'ARC A COMMUTATEUR RAPIDE**
[72] BYRON, ELDRIDGE R., US
[72] SCOTT, GARY W., US
[72] RODRIGUES, CARLTON, US
[72] RAMSEY, JIM, US
[72] PICOT, PHILIPPE, FR
[73] SCHNEIDER ELECTRIC USA, INC., US
[85] 2012-12-17
[86] 2011-06-10 (PCT/US2011/039920)
[87] (WO2012/005865)
[30] US (12/825,414) 2010-06-29

[11] **2,803,768**
[13] C

[51] **Int.Cl. G06Q 50/00 (2012.01)**
[25] EN
[54] **PROACTIVE CREATION OF IMAGE-BASED PRODUCTS**
[54] **CREATION PROACTIVE DE PRODUITS A BASE D'IMAGE**
[72] WANG, WILEY H., US
[72] MILLER, TRYNN ANNE, US
[72] PREETI, NATHAN, US
[72] CHEN, EUGENE, US
[73] SHUTTERFLY, INC., US
[85] 2012-12-21
[86] 2011-05-02 (PCT/US2011/034843)
[87] (WO2011/162872)
[30] US (12/821,369) 2010-06-23

[11] **2,804,175**
[13] C

[51] **Int.Cl. A61B 18/02 (2006.01) A61B 5/046 (2006.01) A61B 17/94 (2006.01) A61B 18/04 (2006.01) A61F 7/12 (2006.01) A61M 25/10 (2013.01) A61M 25/14 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PULMONARY VEIN ISOLATION**
[54] **DISPOSITIF ET PROCEDE D'ISOLATION DE VEINE PULMONAIRE**
[72] WITTENBERGER, DAN, CA
[72] DEAC, IOANA ALINA, CA
[72] LALONDE, JEAN-PIERRE, CA
[72] DE ROY, DEBORAH A., CA
[73] MEDTRONIC CRYOCATH LP, CA
[85] 2012-12-31
[86] 2011-07-18 (PCT/CA2011/000822)
[87] (WO2012/012869)
[30] US (12/845,312) 2010-07-28

[11] **2,804,371**
[13] C

[51] **Int.Cl. C07C 1/20 (2006.01)**
[25] EN
[54] **ONE-STEP METHOD FOR BUTADIENE PRODUCTION**
[54] **PROCEDE EN UNE SEULE ETAPE POUR LA PRODUCTION DE BUTADIENE**
[72] ORDOMSKIY, VITALY VALERIEVICH, RU
[72] SUSHKEVICH, VITALY LEONIDOVICH, BY
[72] IVANOVA, IRINA IGOREVNA, RU
[73] OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOSTJU "UNISIT", RU
[85] 2013-01-03
[86] 2011-07-27 (PCT/RU2011/000565)
[87] (WO2012/015340)
[30] RU (2010131711) 2010-07-29

[11] **2,804,930**
[13] C

[51] **Int.Cl. B01D 53/02 (2006.01)**
[25] EN
[54] **INTEGRATED ADSORBER HEAD AND VALVE DESIGN AND SWING ADSORPTION METHODS RELATED THERETO**
[54] **ENSEMBLE INTEGRANT TETE D'ADSORPTION ET VANNE, ET PROCEDE D'ADSORPTION A FLUX ALTERNATIF S'Y RAPPORTANT**
[72] FREDERICK, JEFFREY W., US
[72] FULTON, JOHN W., US
[72] TAMMERA, ROBERT F., US
[72] HUNTINGTON, RICHARD, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2012-11-26
[86] 2011-05-06 (PCT/US2011/035610)
[87] (WO2011/149640)
[30] US (61/349,464) 2010-05-28
[30] US (61/448,160) 2011-03-01
[30] US (PCT/US2011/035553) 2011-05-06

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[11] **2,805,329**
[13] C

[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **INFORMATION PROVISION DEVICE, INFORMATION PROVISION METHOD, INFORMATION PROVISION PROGRAM, INFORMATION DISPLAY DEVICE, INFORMATION DISPLAY METHOD, INFORMATION DISPLAY PROGRAM, INFORMATION RETRIEVAL SYSTEM, AND RECORDING MEDIUM**

[54] **DISPOSITIF DE PROVISION D'INFORMATIONS, PROCEDE DE PROVISION D'INFORMATIONS, PROGRAMME DE PROVISION D'INFORMATIONS, DISPOSITIF D'AFFICHAGE D'INFORMATIONS, PROCEDE D'AFFICHAGE D'INFORMATIONS, PROGRAMME D'AFFICHAGE D'INFORMATIONS, SYSTEME DE RECUPERATION D'INFORMATIONS, ET SUPPORT D'ENREGISTREMENT**

[72] YAMAHARA, HISANORI, JP
[73] RAKUTEN, INC., JP
[85] 2013-01-14
[86] 2011-03-30 (PCT/JP2011/057942)
[87] (WO2012/131928)

[11] **2,805,437**
[13] C

[51] **Int.Cl. G02B 6/44 (2006.01) G02B 6/02 (2006.01)**
[25] EN
[54] **OPTICAL FIBER CONFIGURATIONS FOR TRANSMISSION OF LASER ENERGY OVER GREAT DISTANCES**

[54] **CONFIGURATIONS DE FIBRES OPTIQUES POUR LA TRANSMISSION D'ENERGIE LASER SUR DE GRANDES DISTANCES**

[72] RINZLER, CHARLES C., US
[72] ZEDIKER, MARK S., US
[73] FORO ENERGY INC., US
[85] 2013-01-14
[86] 2011-07-19 (PCT/US2011/044548)
[87] (WO2012/012436)
[30] US (12/840,978) 2010-07-21

[11] **2,806,462**
[13] C

[51] **Int.Cl. A61F 2/06 (2013.01)**
[25] EN
[54] **STENT GRAFT HAVING A MARKER AND A REINFORCING AND MARKER RING**

[54] **ENDOPROTHESE AYANT UN MARQUEUR ET UN ANNEAU MARQUEUR DE RENFORCEMENT**

[72] DUCKE, WERNER DIETER, AU
[72] HARTLEY, DAVID ERNEST, AU
[72] KING, CHANTELE, AU
[73] COOK MEDICAL TECHNOLOGIES LLC, US
[85] 2013-01-23
[86] 2011-08-05 (PCT/US2011/046728)
[87] (WO2012/019090)
[30] AU (2010210022) 2010-08-05

[11] **2,807,022**
[13] C

[51] **Int.Cl. A61F 2/88 (2006.01) A61F 2/00 (2006.01)**
[25] EN
[54] **FLEXIBLE HELICAL STENT HAVING INTERMEDIATE STRUCTURAL FEATURE**

[54] **STENT HELICOIDAL FLEXIBLE AYANT UNE CARACTERISTIQUE STRUCTURELLE INTERMEDIAIRE**

[72] SCHROEDER, VALESKA, US
[73] CORDIS CORPORATION, US
[85] 2013-01-29
[86] 2011-08-02 (PCT/US2011/046294)
[87] (WO2012/018836)
[30] US (61/369,954) 2010-08-02

[11] **2,807,058**
[13] C

[51] **Int.Cl. H02P 1/42 (2006.01)**
[25] EN
[54] **METHOD FOR STARTING A SINGLE-PHASE INDUCTION MOTOR**

[54] **PROCEDE PERMETTANT DE METTRE EN ROUTE UN MOTEUR A INDUCTION MONOPHASE**

[72] DAMSGAARD, TORBEN, DK
[72] EHMSSEN, ROBERT, DE
[72] LUNGEANU, FLORIN, DK
[72] FINK, RASMUS, DK
[72] BERTHELSEN, LARS, DK
[72] KIDD, MELISSA DRECHSEL, US
[72] GENAW, WILLIAM JAMES, US
[72] PASCHE, MICHAEL ROBERT, US
[72] BAASE, GARY THOMAS, II, US
[73] DANFOSS POWER ELECTRONICS A/S, DK
[73] STA-RITE INDUSTRIES INC., US
[85] 2013-01-30
[86] 2011-07-27 (PCT/DK2011/000086)
[87] (WO2012/013189)
[30] US (12/847,582) 2010-07-30

[11] **2,807,121**
[13] C

[51] **Int.Cl. B01D 53/14 (2006.01) B60P 3/22 (2006.01)**
[25] EN
[54] **TRANSPORT TANK WITH HIGH CAPACITY GAS SCRUBBING**

[54] **RESERVOIR DE TRANSPORT OFFRANT LE LAVAGE DE GAZ GRANDE CAPACITE**

[72] ELLIOTT, KEN, CA
[72] ELLIOTT, SONYA, CA
[73] ELLIOTT, KEN, CA
[73] ELLIOTT, SONYA, CA
[86] (2807121)
[87] (2807121)
[22] 2013-02-22

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[11] **2,807,368**
[13] C

[51] **Int.Cl. B07B 1/28 (2006.01) B07B 1/46 (2006.01)**
[25] EN
[54] **PREFERENTIAL BOW ON COMPOSITE SCREENS**
[54] **ARC PREFERENTIEL SUR DES TAMIS COMPOSITES**
[72] ROBERTSON, GRAHAM, GB
[72] CARR, BRIAN S., US
[72] BARRETT, ROBERT M., US
[73] M-I L.L.C., US
[73] UNITED WIRE LIMITED, GB
[86] (2807368)
[87] (2807368)
[22] 2009-02-04
[62] 2,715,267
[30] US (61/027,648) 2008-02-11

[11] **2,808,265**
[13] C

[51] **Int.Cl. C12N 15/10 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SOLUTION FOR EXTRACTION OF RNA**
[54] **SOLUTION POUR L'EXTRACTION D'ARN**
[72] YOSHIMOTO, MAKIKO, JP
[72] AKIYAMA, HIDEO, JP
[72] NOBUMASA, HITOSHI, JP
[73] TORAY INDUSTRIES, INC., JP
[85] 2013-02-13
[86] 2011-08-17 (PCT/JP2011/068620)
[87] (WO2012/023569)
[30] JP (2010-183280) 2010-08-18

[11] **2,808,285**
[13] C

[51] **Int.Cl. G01N 33/53 (2006.01)**
[25] EN
[54] **POTENCY TEST FOR VACCINE FORMULATIONS**
[54] **TEST D'ACTIVITE BIOLOGIQUE DESTINE A DES FORMULATIONS DE VACCIN**
[72] ALLEN, MICHELLE, US
[72] GARRETT, MARK, US
[72] BRUDERER, URS PETER, NL
[72] THIJSEN, MARTINUS ANTONIUS JOHANNES, NL
[73] INTERVET INTERNATIONAL B.V., NL
[85] 2013-02-13
[86] 2011-08-26 (PCT/EP2011/064702)
[87] (WO2012/025612)
[30] US (61/377,485) 2010-08-27
[30] US (12/875,618) 2010-09-03
[30] EP (10181634.6) 2010-09-29

[11] **2,810,314**
[13] C

[51] **Int.Cl. B01D 17/02 (2006.01)**
[25] EN
[54] **SEPARATOR FOR SEPARATING A LIGHT LIQUID-WATER MIXTURE AND METHOD FOR SEPARATING A LIGHT LIQUID-WATER MIXTURE**
[54] **SEPARATEUR DESTINE A SEPARER UN MELANGE LIQUIDE LEGER/EAU ET PROCEDE DE SEPARATION D'UN MELANGE LIQUIDE LEGER/EAU**
[72] MAYER, HERMANN, DE
[72] SCHMITZ, MARC, DE
[72] GRUBE, STEFAN, DE
[72] DOCEKAL, LIBOR, CZ
[73] ACO SEVERIN AHLMANN GMBH & CO. KG, DE
[85] 2013-03-04
[86] 2011-09-07 (PCT/EP2011/065448)
[87] (WO2012/032079)
[30] DE (10 2010 037 455.5) 2010-09-10
[30] DE (10 2011 050 939.9) 2011-06-08

[11] **2,810,516**
[13] C

[51] **Int.Cl. A61K 8/97 (2006.01) A61Q 19/02 (2006.01)**
[25] EN
[54] **COSMETIC COMPOSITIONS COMPRISING FICUS SERUM FRACTION AND METHODS TO REDUCE THE APPEARANCE OF SKIN HYPERPIGMENTATION**
[54] **COMPOSITIONS COSMETIQUES COMPRENANT UNE FRACTION DE FICUS SERUM ET PROCEDES POUR REDUIRE L'ASPECT HYPERPIGMENTE DE LA PEAU**
[72] SWANSON, CHERI LYNN, US
[72] KOGANOV, MICHAEL, US
[72] WHITAKER, SHANE, US
[72] LAUGHLIN, LEO TIMOTHY, II, US
[72] HAKOZAKI, TOMOHIRO, US
[72] ROBINSON, LARRY RICHARD, US
[72] BIERMAN, JOHN CRIST, US
[72] PRICE, JASON MICHAEL, US
[72] KRONHOLM, KURT GLEN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-03-05
[86] 2011-09-09 (PCT/US2011/050947)
[87] (WO2012/033989)
[30] US (61/381,748) 2010-09-10

[11] **2,811,546**
[13] C

[51] **Int.Cl. C07D 493/04 (2006.01) C09D 11/38 (2014.01) B01J 19/06 (2006.01)**
[25] EN
[54] **NOVEL AMIDE GELLANT COMPOSITIONS CONTAINING ISOSORBIDE**
[54] **COMPOSITIONS DE GELIFIANT D'AMIDE CONTENANT DE L'ISOSORBIDE**
[72] CHOPRA, NAVEEN, CA
[72] CHRETIEN, MICHELLE N., CA
[72] KEOSHKERIAN, BARKEV, CA
[72] VANBESIEEN, DARYL W., CA
[72] ELIYAHU, JENNY, CA
[73] XEROX CORPORATION, US
[86] (2811546)
[87] (2811546)
[22] 2013-04-02
[30] US (13/442,559) 2012-04-09

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[11] **2,813,358**
[13] C

[51] **Int.Cl. C09D 11/34 (2014.01) C09D 11/38 (2014.01)**
[25] EN
[54] **FAST CRYSTALLIZING CRYSTALLINE-AMORPHOUS INK COMPOSITIONS AND METHODS FOR MAKING THE SAME**
[54] **COMPOSITIONS D'ENCRE AMORPHE CRISTALLINE A CRISTALLISATION RAPIDE ET LEURS METHODES DE FABRICATION**
[72] IFTIME, GABRIEL, CA
[72] BELELIE, JENNIFER L., CA
[72] CHOPRA, NAVEEN, CA
[72] MORIMITSU, KENTARO, CA
[72] ODELL, PETER G., CA
[73] XEROX CORPORATION, US
[86] (2813358)
[87] (2813358)
[22] 2013-04-19
[30] US (13/457,157) 2012-04-26

[11] **2,814,556**
[13] C

[51] **Int.Cl. C08F 220/34 (2006.01) C08F 220/12 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING A (METH)ACRYLATE COPOLYMER CONTAINING QUATERNARY AMMONIUM GROUPS BY FREE-RADICAL POLYMERIZATION IN SOLUTION**
[54] **PROCEDE POUR LA PREPARATION D'UN COPOLYMERE DE (METH)ACRYLATE CONTENANT DES GROUPES AMMONIUM QUATERNAIRES PAR POLYMERISATION RADICALE EN SOLUTION**
[72] MEIER, CHRISTIAN, DE
[72] WEBER, ANDREAS, DE
[72] VORHOLZ, JOHANNES, DE
[72] KUEKSAL, ALPERTUNGA, DE
[72] KLOSENDORF, ANDREAS, DE
[72] BOEHMANN, PAMELA, DE
[72] DENGER, MARCUS, DE
[72] HOFFMANN, NORBERT, DE
[72] PAPADOPOULOS, NIKOLAOS, DE
[73] EVONIK ROEHM GMBH, DE
[85] 2013-04-12
[86] 2010-10-13 (PCT/EP2010/065333)
[87] (WO2012/048742)

[11] **2,815,058**
[13] C

[51] **Int.Cl. B01D 53/26 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR COOL DRYING A GAS**
[54] **DISPOSITIF ET PROCEDE DE SECHAGE A FROID D'UN GAZ**
[72] GEERTS, BART, BE
[73] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
[85] 2013-04-18
[86] 2011-10-31 (PCT/BE2011/000062)
[87] (WO2012/065235)
[30] BE (2010/0681) 2010-11-16

[11] **2,815,820**
[13] C

[51] **Int.Cl. H02J 7/00 (2006.01)**
[25] EN
[54] **CHARGING ELECTRONIC DEVICES**
[54] **RECHARGE DE DISPOSITIFS ELECTRONIQUES**
[72] FILES, JACE WILLIAM, US
[72] BODA, MALLIKARJUN, US
[73] BLACKBERRY LIMITED, CA
[86] (2815820)
[87] (2815820)
[22] 2013-05-08
[30] US (13/467,617) 2012-05-09

[11] **2,816,310**
[13] C

[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/00 (2006.01) G08B 21/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR MONITORING PHYSIOLOGICAL CHARACTERISTICS**
[54] **SYSTEME DE SURVEILLANCE DE CARACTERISTIQUES PHYSIOLOGIQUES**
[72] SAIDARA, FRANK, US
[72] MASTROTOTARO, JOHN JOSEPH, US
[72] TOLLE, CHARLES VALLET, US
[72] MUELLER, JOHN C., JR., US
[72] SANDERS, JEFF B., US
[72] NIELSEN, EDWARD S., US
[73] MEDTRONIC MINIMED, INC., US
[86] (2816310)
[87] (2816310)
[22] 2005-05-20
[62] 2,567,711
[30] US (10/860,114) 2004-06-03

[11] **2,816,467**
[13] C

[51] **Int.Cl. H04N 19/53 (2014.01) H04N 21/4402 (2011.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING VIDEO BY MOTION PREDICTION USING ARBITRARY PARTITION, AND METHOD AND APPARATUS FOR DECODING VIDEO BY MOTION PREDICTION USING ARBITRARY PARTITION**
[54] **PROCEDE ET DISPOSITIF DE CODAGE VIDEO PAR PREDICTION DE MOUVEMENT UTILISANT UNE PARTITION ARBITRAIRE, ET PROCEDE ET DISPOSITIF DE DECODAGE VIDEO PAR PREDICTION DE MOUVEMENT UTILISANT UNE PARTITION ARBITRAIRE**
[72] LEE, SUN-IL, KR
[72] CHEON, MIN-SU, KR
[72] HAN, WOO-JIN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2816467)
[87] (2816467)
[22] 2010-12-08
[62] 2,783,786
[30] KR (10-2009-0121400) 2009-12-08

[11] **2,817,167**
[13] C

[51] **Int.Cl. H01L 33/00 (2010.01)**
[25] EN
[54] **AC WHITE LED DEVICE**
[54] **DISPOSITIF LUMINEUX A LUMIERE BLANCHE A DEL ET COURANT ALTERNATIF**
[72] ZHANG, HONGJIE, CN
[72] ZHANG, MING, CN
[72] LI, CHENGYU, CN
[72] ZHAO, KUN, CN
[72] LI, DONGMING, CN
[72] ZHANG, LI, CN
[73] SICHUAN SUNFOR LIGHT CO., LTD., CN
[73] CHANGCHUN INSTITUTE OF APPLIED CHEMISTRY, CHINESE ACADEMY OF SCIENCES, CN
[85] 2013-05-07
[86] 2011-03-01 (PCT/CN2011/071433)
[87] (WO2012/062065)
[30] CN (201010537984.9) 2010-11-09

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[11] **2,817,396**
[13] C

[51] **Int.Cl. B60R 11/04 (2006.01) B60K 37/02 (2006.01)**

[25] EN

[54] **WORKING VEHICLE PERIPHERY MONITORING SYSTEM AND WORKING VEHICLE**

[54] **SYSTEME DE SURVEILLANCE DE PERIPHERIE D'ENGIN DE CHANTIER ET ENGIN DE CHANTIER**

[72] MITSUTA, SHINJI, JP
[72] KURIHARA, TAKESHI, JP
[73] KOMATSU LTD., JP

[85] 2013-03-19
[86] 2012-10-19 (PCT/JP2012/077062)
[87] (WO2014/045457)
[30] JP (2012-208733) 2012-09-21

[11] **2,817,756**
[13] C

[51] **Int.Cl. B44C 1/00 (2006.01) A47G 19/00 (2006.01) B41J 2/435 (2006.01) B41M 1/26 (2006.01) G06F 19/00 (2011.01) G06Q 30/00 (2012.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR CUSTOMIZING FOOD SERVICE ARTICLES**

[54] **PROCEDE ET SYSTEME DE PERSONNALISATION D'ARTICLES DE SERVICE ALIMENTAIRE**

[72] MITHAL, ASHISH K., US
[72] HEVERLY, CURTIS, US
[72] EVANS, MICHAEL G., US
[73] WADDINGTON NORTH AMERICA, INC., US

[85] 2013-06-03
[86] 2012-12-05 (PCT/US2012/068026)
[87] (WO2013/086044)
[30] US (61/566815) 2011-12-05
[30] US (13/706185) 2012-12-05

[11] **2,818,517**
[13] C

[51] **Int.Cl. H04W 24/00 (2009.01) H04L 27/34 (2006.01)**

[25] EN

[54] **ENHANCED WIRELESS PACKET DATA COMMUNICATION SYSTEM, METHOD, AND APPARATUS APPLICABLE TO BOTH WIDE AREA NETWORKS AND LOCAL AREA NETWORKS**

[54] **SYSTEME, PROCEDE ET APPAREIL AMELIORES DE COMMUNICATION DE DONNEES PAR PAQUETS APPLICABLES AUX RESEAUX LONGUE PORTEE ET AUX RESEAUX LOCAUX**

[72] SANDERFORD, H. BRITTON, US
[72] ROUQUETTE, ROBERT E., US
[72] NADEN, GARY A., US
[72] REED, MARC L., US
[72] BOUDREAUX, GORDON J., US
[72] BROWN, MICHAEL R., US
[73] SENSUS SPECTRUM LLC, US

[86] (2818517)
[87] (2818517)
[22] 2002-03-29
[62] 2,704,041
[30] US (60/279,671) 2001-03-30

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[54] **STORE AVEC ENROULEUR DE CORDON**

[72] MAROCCO, NORBERT, CA
[73] MAXXMAR INC., CA

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[54] **APPAREIL DE BOISSON INFUSEE ET PROCEDE**

[72] LAI, KIN MAN, CN
[72] FUNG, KAM FAI, CN
[72] SCHNABEL, BARBARA LYNN, US
[72] ORENT, JILL FRANCES KREUTZER, US

[73] CONAIR CORPORATION, US

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[54] **CONJUGUES THERAPEUTIQUES ET DIAGNOSTIQUES UTILISABLES AVEC DES ANTICORPS MULTISPECIFIQUES**

[72] MCBRIDE, WILLIAM J., US
[72] GOLDENBERG, DAVID M., US
[72] NOREN, CARL, US
[72] HANSEN, HANS J., US
[73] IMMUNOMEDICS, INC., US

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[54] **CORRECTION OF PRESSURE SIGNALS MEASURED DURING SUPERSONIC WIND TUNNEL TESTING**
[54] **CORRECTION DES SIGNAUX DE PRESSION MESURES DURANT UN ESSAI EN SOUFFLERIE SUPERSONIQUE**
[72] ADAMSON, ERIC E., US
[72] BIDWELL, ALICIA L., US
[73] THE BOEING COMPANY, US
[86] (2819661)
[87] (2819661)
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[25] EN
[54] **SYSTEM AND METHODS FOR INTEGRATING AND USING INFORMATION RELATING TO A COMPLEX PROCESS**
[54] **SYSTEME ET PROCEDES PERMETTANT D'INTEGRER ET D'UTILISER DES INFORMATIONS RELATIVES A UN PROCESSUS COMPLEXE**
[72] ARANGO, GUILLERMO FRANCISCO, US
[72] HEATON, JAMES, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2013-06-03
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[54] **METHOD FOR PREPARING HIGH-PURITY LITHIUM CARBONATE**
[54] **METHODE DE PREPARATION D'UN CARBONATE DE LITHIUM DE HAUTE PURETE**
[72] YAO, KAILIN, CN
[72] JIN, PENG, CN
[72] HUO, LIMING, CN
[72] TU, MINGJIANG, CN
[72] LIANG, PINGWU, CN
[72] YAN, XINXING, CN
[72] JIANG, HUCHENG, CN
[73] TIANQI LITHIUM CORPORATION, CN
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[25] EN
[54] **APPARATUS AND METHODS FOR CONTROLLING AN ELECTRONIC EXPANSION VALVE IN A REFRIGERANT CIRCUIT**
[54] **APPAREIL ET PROCEDES DE COMMANDE D'UN DETENDEUR ELECTRONIQUE DANS UN CIRCUIT REFRIGERANT**
[72] KLEMAN, KELVIN W., US
[72] KOIVISTO, RANDY R., US
[72] BABB, JEREMY LEE, US
[73] RHEEM MANUFACTURING COMPANY, US
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[54] **TOUR D'ECLAIRAGE DOTEE D'UN APPAREIL CHAUFFANT ET D'UNE FONCTION AUTOMATIQUE DE MARCHE/ARRET, ET METHODES ASSOCIEES**
[72] DREVER, PAUL R., CA
[73] DREVER, PAUL R., CA
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[54] **METHODS FOR SECURE ENROLLMENT AND BACKUP OF PERSONAL IDENTITY CREDENTIALS INTO ELECTRONIC DEVICES**
[54] **METHODES D'INSCRIPTION SECURISEE ET DE SAUVEGARDE DE DONNEES D'IDENTITE PERSONNELLES DANS DES DISPOSITIFS ELECTRONIQUES**
[72] ABDALLAH, DAVID S., US
[72] JOHNSON, BARRY W., US
[73] APPLE INC., US
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[54] **DETECTION DE TUBAGE EN TEMPS REEL A L'AIDE D'UNE MESURE D'ANTENNE INCLINEE ET CROISEE**
[72] TANG, YUMEI, US
[72] BITTAR, MICHAEL S., US
[72] LI, SHANJUN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **UNITARY PLASTIC CONDUCTIVITY SENSOR**
[54] **CAPTEUR DE CONDUCTIVITE EN MATIERE PLASTIQUE MONOBLOC**
[72] FENG, CHANG-DONG, US
[72] BENTON, BARRY W., US
[73] ROSEMOUNT ANALYTICAL, INC., US
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[54] **TREPANS PDC A LAMES DISPOSEES DANS LES DEUX SENS DE ROTATION EN SPIRALE DU TREPAN**
[72] CHEN, SHILIN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **METHOD FOR DISPLAYING CONTENT ITEMS ON AN ELECTRONIC DEVICE**
[54] **PROCEDE POUR AFFICHER DES ELEMENTS DE CONTENU SUR UN DISPOSITIF ELECTRONIQUE**
[72] GARDENFORS, DAN ZACHARIAS, SE
[73] BLACKBERRY LIMITED, CA
[86] (2821713)
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[22] 2013-07-26
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[25] EN
[54] **STABILIZING ORIENTATION VALUES OF AN ELECTRONIC DEVICE**
[54] **STABILISATION DES VALEURS D'ORIENTATION D'UN DISPOSITIF ELECTRONIQUE**
[72] OLIVER, ROBERT GEORGE, CA
[72] PARCO, ADAM LOUIS, CA
[72] BUCHANAN, NATHAN DANIEL POZNIAK, CA
[73] BLACKBERRY LIMITED, CA
[86] (2822336)
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[25] EN
[54] **METHOD AND APPARATUS PERTAINING TO BLUETOOTH.TM.-CONVEYED VOICE-BASED USER INPUT**
[54] **PROCEDE ET APPAREIL CONCERNANT UNE ENTREE UTILISATEUR VOCALE TRANSMISE PAR BLUETOOTH.TM.**
[72] NATHWANI, SANJAY, CA
[73] BLACKBERRY LIMITED, CA
[86] (2822625)
[87] (2822625)
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[11] **2,823,580**
[13] C
[51] **Int.Cl. F16H 47/02 (2006.01) F16H 61/30 (2006.01)**
[25] EN
[54] **DRIVE DEVICE FOR A SELF-PROPELLED MACHINE AND CORRESPONDING METHOD**
[54] **DISPOSITIF D'ENTRAINEMENT POUR ENGIN DE TRAVAIL AUTOMOTEUR ET PROCEDE CORRESPONDANT**
[72] SCHNABEL, BERNHARD, DE
[73] NAF NEUNKIRCHENER ACHSENFABRIK AG, DE
[85] 2013-07-02
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[51] **Int.Cl. B05B 11/00 (2006.01) B65D 47/34 (2006.01) B65D 83/76 (2006.01)**
[25] EN
[54] **FOAM DISPENSER**
[54] **DISPOSITIF DISTRIBUTEUR DE MOUSSE**
[72] IIZUKA, SHIGEO, JP
[72] MIZUSHIMA, HIROSHI, JP
[73] YOSHINO KOGYOSYO CO., LTD., JP
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[54] **CARTON DECASING SYSTEM**
[54] **SYSTEME DE DEPILAGE DE CARTONS**
[72] FORD, COLIN, US
[72] RICE, THOMAS A., US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2013-07-04
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[54] **METHOD AND DEVICE FOR ERECTING A TOWER FOR A WIND ENERGY PLANT**
[54] **PROCEDE ET DISPOSITIF POUR ERIGER UN MAT D'UNE EOLIENNE**
[72] VAN OHLEN, HERMANN, DE
[72] HOLSCHER, NORBERT, DE
[72] HONCZEK, MICHAEL, DE
[72] KAPITZA, JAN, DE
[72] BUCK, RALF, DE
[73] WOBLEN PROPERTIES GMBH, DE
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[30] DE (10 2011 003 164.2) 2011-01-26

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[13] C

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[25] EN
[54] **SPINDLE FOR WINDING UP CORELESS ROLLS OF A PLASTIC FILM**
[54] **BROCHE POUR LA FORMATION DE ROULEAUX SANS MANDRIN DE FILM PLASTIQUE**
[72] PELLENGO GATTI, ROBERTO, IT
[73] NO.EL. S.R.L., IT
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[25] EN
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[54] **CHANGEMENTS DE PARAMETRES DE QUANTIFICATION DE SIGNAL POUR DES UNITES CODEES DANS UN SYSTEME DE CODAGE VIDEO HEVC (HIGH EFFICIENCY VIDEO CODING)**
[72] KARCZEWICZ, MARTA, US
[72] JOSHI, RAJAN L., US
[73] QUALCOMM INCORPORATED, US
[85] 2013-07-11
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[13] C

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[25] EN
[54] **MIXING ELEMENT FOR GAS TURBINE UNITS WITH FLUE GAS RECIRCULATION**
[54] **ELEMENT DE MELANGE POUR UNITES DE TURBINE A GAZ COMPORTANT UNE RECIRCULATION DES GAZ DE COMBUSTION**
[72] BENZ, ERIBERT, CH
[72] LINDQVIST, NICLAS LARS OLOF, SE
[72] TABIKH, ALI MUSTAPHA, SE
[72] LUNDIN, LARS FILIP, SE
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[30] CH (00115/11) 2011-01-24

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[25] EN
[54] **ANDROGEN COMPOSITION FOR TREATING AN OPHTHALMIC CONDITION**
[54] **COMPOSITION ANDROGENE POUR LE TRAITEMENT D'UNE AFFECTION OPHTALMIQUE**
[72] TROGDEN, JOHN T., US
[72] SALAMEH, ADNAN K., US
[72] PUJARA, CHETAN P., US
[72] GORE, ANURADHA V., US
[72] GIYANANI, JAYA, US
[73] ALLERGAN, INC., US
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[13] C

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[25] EN
[54] **DETERMINATION OF MEDIA CHARACTERISTICS IN FILL-LEVEL MEASURING**
[54] **DETERMINATION DE PROPRIETES DE FLUIDE LORS DE LA MESURE D'UN NIVEAU DE REMPLISSAGE**
[72] WELLE, ROLAND, DE
[72] GRIESSBAUM, KARL, DE
[73] VEGA GRIESHABER KG, DE
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[54] **REALISATION D'ECONOMIES D'ENERGIE SUR LA BATTERIE D'UN EQUIPEMENT D'UTILISATEUR DANS UN DEPLOIEMENT HETNET AVEC EICIC**
[72] YU, YI, US
[72] SONG, YI, US
[72] CAI, ZHIJUN, US
[72] FONG, MO-HAN, US
[72] SUZUKI, TAKASHI, JP
[73] BLACKBERRY LIMITED, CA
[85] 2013-08-09
[86] 2011-02-11 (PCT/US2011/024537)
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[13] C

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[25] EN
[54] **APPARATUS AND METHOD FOR ENCODING AND DECODING AN AUDIO SIGNAL USING AN ALIGNED LOOK-AHEAD PORTION**
[54] **DISPOSITIF ET PROCEDE DE CODAGE ET DE DECODAGE D'UN SIGNAL AUDIO EN UTILISANT UNE PARTIE D'ANTICIPATION ALIGNEE**
[72] RAVELLI, EMMANUEL, DE
[72] GEIGER, RALF, DE
[72] SCHNELL, MARKUS, DE
[72] FUCHS, GUILLAUME, DE
[72] RUOPPILA, VESA, DE
[72] BACKSTROM, TOM, DE
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[72] HELMRICH, CHRISTIAN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E. V., DE
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[30] US (61/442,632) 2011-02-14

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[25] EN
[54] **METHOD AND COOLING SYSTEM FOR COOLING BLADES OF AT LEAST ONE BLADE ROW IN A ROTARY FLOW MACHINE**
[54] **PROCEDE ET SYSTEME DE REFROIDISSEMENT POUR LE REFROIDISSEMENT DES LAMES D'AU MOINS UNE RANGEE DE LAMES DANS UNE MACHINE A FLUX ROTATIF**
[72] JUSTL, SASCHA, CH
[72] SIMON-DELGADO, CARLOS, CH
[72] HEIDECHE, AXEL, CH
[72] OLMES, SVEN, CH
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[86] (2827633)
[87] (2827633)
[22] 2013-09-19
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[13] C

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[25] EN
[54] **LOAD-APPLYING DEVICE, PRESS-FORMING DIE, AND PRESS-FORMING METHOD**
[54] **DISPOSITIF D'APPLICATION DE CHARGE, MATRICE DE MOULAGE-PRESSAGE ET PROCEDE MOULE-PRESSE**
[72] YOSHIDA, TOHRU, JP
[72] TOYODA, DAISUKE, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[73] H-ONE CO., LTD., JP
[85] 2013-08-23
[86] 2012-02-24 (PCT/JP2012/054582)
[87] (WO2012/117967)
[30] JP (2011-042770) 2011-02-28

[11] **2,828,384**
[13] C

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[25] EN
[54] **SEGMENTED SEAL WITH AXIAL LOAD CONTROL FEATURE**
[54] **JOINT SEGMENTE A ELEMENT DE REGULATION DE CHARGE AXIALE**
[72] RUGGERI, EDWARD N., US
[72] BERARD, GERALD M., US
[73] EATON CORPORATION, US
[85] 2013-08-27
[86] 2012-03-01 (PCT/IB2012/000378)
[87] (WO2012/117292)
[30] US (13/038,798) 2011-03-02

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[13] C

[51] **Int.Cl. E21B 19/10 (2006.01) E21B 4/18 (2006.01) E21B 33/129 (2006.01)**
[25] EN
[54] **NON-METALLIC SLIPS HAVING INSERTS ORIENTED NORMAL TO CONE FACE**
[54] **COINS DE RETENUE NON METALLIQUES DONT LES INSERTS SONT ORIENTES NORMALEMENT VERS LA SURFACE DU CONE**
[72] YOUNG, JONATHAN A., US
[72] WIESE, STEPHEN, US
[72] ROCHEN, JAMES A., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2828491)
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[30] US (61/735,487) 2012-12-10

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[25] EN
[54] **ROTOR FOR IPM MOTOR, AND IPM MOTOR EQUIPPED WITH SAME**
[54] **ROTOR POUR MOTEUR IPM (A AIMANT PERMANENT INTERNE) ET MOTEUR IPM EN ETANT EQUIPE**
[72] IWATSU, TOMONAGA, JP
[72] KATAGIRI, YUKIO, JP
[72] FUJIWARA, SUSUMU, JP
[72] MORIKAWA, SHIGERU, JP
[73] NISSHIN STEEL CO., LTD., JP
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[86] 2012-03-27 (PCT/JP2012/057927)
[87] (WO2012/133404)
[30] JP (2011-081214) 2011-03-31
[30] JP (2011-081215) 2011-03-31
[30] JP (2011-264671) 2011-12-02

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[13] C

[51] **Int.Cl. G01D 5/32 (2006.01) G01B 11/16 (2006.01) G01K 11/32 (2006.01) G01L 11/02 (2006.01) G01N 21/41 (2006.01)**
[25] EN
[54] **MULTI-POINT PRESSURE SENSOR AND USES THEREOF**
[54] **CAPTEUR DE PRESSION MULTIPPOINTS ET SES UTILISATIONS**
[72] WILD, PETER MARTIN, CA
[72] DENNISON, CHRISTOPHER RAYMOND, CA
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[54] **ROLLER CONVEYOR MODULE HAVING A SEPARATION MECHANISM**
[54] **MODULE DE TRANSPORT A ROULEAUX COMPORTANT UN DISPOSITIF DE SEPARATION**
[72] RIBAU, YANNICK, FR
[73] INTERROLL HOLDING AG, CH
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[54] **CARTON WITH OPENING FEATURE**
[54] **CARTON AVEC ENTITE D'OUVERTURE**
[72] WALSH, JOSEPH C., US
[72] SINCLAIR, MARK, US
[72] SLOAT, JEFFREY T., US
[72] JESCH, NORMAN L., US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
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[54] **FLOW CONTROL FOR LARGE DIAMETER CONDUITS**
[54] **REGULATION DE DEBIT POUR CONDUITES DE GRAND DIAMETRE**
[72] JOKI, GLEN, CA
[73] 1075878 ALBERTA LTD., CA
[85] 2013-10-17
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[54] **AGREGATS OU AGGLOMERATS DE CARBONATE DE CALCIUM PRECIPITES**
[72] KAESSBERGER, MICHAEL, CH
[72] POHL, MICHAEL, AT
[73] OMYA DEVELOPMENT AG, CH
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[54] **STENT DELIVERY SYSTEM**
[54] **SYSTEME DE MISE EN PLACE D'UNE ENDOPROTHESE**
[72] JIMENEZ, TEODORO S., US
[72] FULKERSON, JOHN, US
[72] MAZZEI, RAFFAELE, US
[73] C.R. BARD, INC., US
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[25] EN
[54] **ROLLER FRAME**
[54] **SUPPORT DE ROULEAUX**
[72] MEYER, HELMUT, DE
[72] BOHM, ANDREAS, DE
[73] REIFENHAUSER GMBH & CO KG MASCHINENFABRIK, DE
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[87] (2836446)
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[54] **ARMREST ASSEMBLY**
[54] **ENSEMBLE D'ACCOUDOIR**
[72] BAUER, NATHANIEL DAVID, US
[73] HOLLAND PLASTICS CORPORATION., D.B.A. ANDERSON TECHNOLOGIES INC., US
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[87] (2836749)
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[51] **Int.Cl. G05B 15/02 (2006.01) H04W 4/00 (2009.01) H04N 21/482 (2011.01)**
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[54] **COMPANION CONTROL INTERFACE FOR SMART DEVICES**
[54] **INTERFACE DE COMMANDE COMPAGNON POUR DISPOSITIFS INTELLIGENTS**
[72] DEMSKIE, JOHN MICHAEL, US
[73] REMOTE TECHNOLOGIES, INC., US
[85] 2013-11-22
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[51] **Int.Cl. E06B 3/663 (2006.01) E06B 3/66 (2006.01)**
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[54] **VACUUM INSULATED GLASS HAVING INCREASED STABILITY AND METHOD FOR THE PRODUCTION THEREOF**
[54] **VERRE ISOLANT SOUS VIDE A SOLIDITE ACCRUE ET SON PROCEDE DE FABRICATION**
[72] FRIEDL, WOLFGANG, DE
[72] LEITENMEIER, STEPHAN, DE
[72] HERFERT, CHRISTIAN, DE
[73] GRENZEBACH MASCHINENBAU GMBH, DE
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[25] EN
[54] **COMPENSATING FOR INADEQUATE SAMPLE VOLUME IN BIOSENSOR DEVICES**
[54] **COMPENSATION DE VOLUME D'ECHANTILLONNAGE INADEQUAT DANS LES DISPOSITIFS BIODETECTEURS**
[72] TEODORCZYK, MARIA, US
[72] GUO, SHERRY X., US
[72] KERMANI, MAHYAR Z., US
[73] LIFESCAN, INC., US
[86] (2838176)
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[25] EN
[54] **SYSTEM AND METHOD FOR ADJUSTING THE AMOUNT OF DATA BANDWIDTH PROVIDED TO A MOBILE DEVICE**
[54] **SYSTEME ET PROCEDE D'AJUSTEMENT DE LA QUANTITE DE BANDE PASSANTE DE DONNEES ALLOUEE A UN DISPOSITIF MOBILE**
[72] MENDIOLA, DENNIS, US
[73] CHIKKA PTE LTD, SG
[85] 2013-12-04
[86] 2012-06-28 (PCT/SG2012/000230)
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[54] **ARTICULATING CAMERA ARM AND CAMERA ASSEMBLY COMPRISING SAME**
[54] **BRAS DE CAMERA ARTICULE ET ENSEMBLE DE CAMERA COMPRENANT LEDIT BRAS**
[72] CELLER, PIOTR ZBIGNIEW, CA
[73] AVIGILON CORPORATION, CA
[86] (2839330)
[87] (2839330)
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[54] **MODULES FOR MANUFACTURING SYSTEMS AND MODULAR MANUFACTURING SYSTEMS**
[54] **MODULES POUR LA FABRICATION DE SYSTEMES ET SYSTEMES DE FABRICATION MODULAIRES**
[72] OVERLEY, MATTHEW BERNARD, US
[72] BROKOPP, WESLEY BERNARD, US
[72] HARTLINE, JEFFREY DEAN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-12-16
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[30] US (61/497,114) 2011-06-15

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[54] **LUER CONNECTORS**
[54] **RACCORDS LUER**
[72] COLMAN, JOSHUA LEWIS, IL
[73] ORIDION MEDICAL 1987 LTD., IL
[85] 2014-01-09
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[25] EN

[54] **INKJET PRINTHEAD DEVICE, FLUID EJECTION DEVICE, AND METHOD THEREOF**

[54] **SYSTEME DE TETE D'IMPRESSION A JET D'ENCRE, DISPOSITIF D'EJECTION DE FLUIDE ET PROCEDE ASSOCIE**

[72] VAN BROCKLIN, ANDREW L., US

[72] GHOZEIL, ADAM L., US

[72] ANDERSON, DARYL E., US

[73] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US

[85] 2014-01-14

[86] 2011-10-24 (PCT/US2011/057515)

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[11] **2,842,217**
[13] C

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[25] EN

[54] **TROCAR ASSEMBLY WITH PNEUMATIC SEALING**

[54] **ENSEMBLE TROCART AVEC ETANCHEITE PNEUMATIQUE**

[72] STEARNS, RALPH, US

[72] STUBBS, JACK B., US

[73] SURGIQUEST, INCORPORATED, US

[86] (2842217)

[87] (2842217)

[22] 2006-11-30

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[25] EN

[54] **SLICE HEADER PREDICTION FOR DEPTH MAPS IN THREE-DIMENSIONAL VIDEO CODECS**

[54] **PREDICTION D'EN-TETES DE TRANCHES POUR DES CARTES DE PROFONDEUR DANS DES CODECS VIDEO TRIDIMENSIONNELS**

[72] CHEN, YING, US

[72] KARCZEWICZ, MARTA, US

[73] QUALCOMM INCORPORATED, US

[85] 2014-01-20

[86] 2012-07-20 (PCT/US2012/047690)

[87] (WO2013/016225)

[30] US (61/510,738) 2011-07-22

[30] US (61/522,584) 2011-08-11

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[13] C

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[25] EN

[54] **HIGH-STRENGTH STEEL SHEET AND HIGH-STRENGTH GALVANIZED STEEL SHEET EXCELLENT IN SHAPE FIXABILITY, AND MANUFACTURING METHOD THEREOF**

[54] **TOLE D'ACIER A HAUTE RESISTANCE QUI PRESENTE D'EXCELLENTE PROPRIETES DE MEMOIRE DE FORME, TOLE D'ACIER ZINGUE A HAUTE RESISTANCE ET PROCEDE DE FABRICATION DE CES DERNIERES**

[72] MINAMI, AKINOBU, JP

[72] KAWATA, HIROYUKI, JP

[72] MURASATO, AKINOBU, JP

[72] YAMAGUCHI, YUJI, JP

[72] SUGIURA, NATSUKO, JP

[72] KUWAYAMA, TAKUYA, JP

[72] MARUYAMA, NAOKI, JP

[72] SUZUKI, TAKAMASA, JP

[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

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[54] **STABILIZER TORQUE BOX ASSEMBLY AND METHOD**

[54] **ENSEMBLE CAISSON DE TORSION DE STABILISATEUR ET PROCEDE**

[72] MARCOE, JEFFERY LEE, US

[73] THE BOEING COMPANY, US

[85] 2014-01-22

[86] 2012-07-19 (PCT/US2012/047372)

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[54] **GOALTENDER LEG PAD**
[54] **JAMBIERE DE GARDIEN DE BUT**
[72] SMITH, PETER B., CA
[73] WARRIOR SPORTS, INC., US
[86] (2843297)
[87] (2843297)
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[30] US (14/177,886) 2014-02-11

[11] **2,843,350**
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[25] EN
[54] **METHOD AND APPARATUS FOR ISOLATING HIGH VOLTAGE POWER CONTROL ELEMENTS**
[54] **PROCEDE ET APPAREIL POUR ISOLER DES ELEMENTS DE COMMANDE DE COURANT HAUTE TENSION**
[72] BETANCOURT, ERICK, US
[73] THE WATT STOPPER, INC., US
[85] 2014-01-27
[86] 2012-07-26 (PCT/US2012/048360)
[87] (WO2013/016550)
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[25] EN
[54] **CONFIGURABLE TRAY TABLE**
[54] **TABLE-PLATEAU CONFIGURABLE**
[72] CURTIS, VICKI ANN, US
[72] DUNN, KAYLA, US
[72] COSTA, RICARDO ELIZONDO, US
[72] CURRY, COLIN CANSLER, US
[72] PRESCOTT, SOPHIE, US
[72] ZHU, LINGYU, US
[72] CHOI, SOOSHIN, US
[73] THE BOEING COMPANY, US
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[30] US (13/874,990) 2013-05-01

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[13] C
[51] **Int.Cl. B29C 53/50 (2006.01)**
[25] EN
[54] **COMPOSITE CORE AND METHOD OF MAKING SAME**
[54] **AME COMPOSITE ET SON PROCEDE DE FABRICATION**
[72] OLDROYD, PAUL K., US
[72] HETHCOCK, JAMES D., JR., US
[72] TOHLEN, MARK E., US
[72] KENDRICK, PHILLIP A., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2844210)
[87] (2844210)
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[13] C
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[25] EN
[54] **CAULKLESS SEAL**
[54] **JOINT SANS CALFEUTRAGE**
[72] ZIMBRIC, LUKE B., US
[73] KOHLER CO., US
[86] (2845976)
[87] (2845976)
[22] 2014-03-13
[30] US (13/829,994) 2013-03-14

[11] **2,847,111**
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[25] EN
[54] **DUPLEX STAINLESS STEEL**
[54] **ACIER INOXYDABLE DOUBLE PHASES**
[72] TAKABE, HIDEKI, JP
[72] AMAYA, HISASHI, JP
[72] OGAWA, KAZUHIRO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-02-27
[86] 2012-08-28 (PCT/JP2012/071725)
[87] (WO2013/035588)
[30] JP (2011-194160) 2011-09-06

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[25] EN
[54] **CONSTRUCTION SYSTEM PROVIDING STRUCTURAL INTEGRITY WITH INTEGRAL SEAL**
[54] **SYSTEME DE CONSTRUCTION PRODUISANT UNE INTEGRITE STRUCTURELLE A ETANCHEITE INTEGREE**
[72] ZIMMERMAN, STEVEN, US
[72] WALWORTH, VAN T., US
[72] DRUMMOND, SCOTT, US
[73] SR SYSTEMS, LLC, US
[85] 2014-02-27
[86] 2012-09-17 (PCT/US2012/055809)
[87] (WO2013/040590)
[30] US (61/573,943) 2011-09-15
[30] US (13/613,441) 2012-09-13
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[13] C
[51] **Int.Cl. A61B 17/17 (2006.01) A61B 17/72 (2006.01) A61B 5/06 (2006.01)**
[25] EN
[54] **INTRAMEDULLARY NAIL LOCKING HOLE ARRANGEMENT**
[54] **CONFIGURATION DE TROU DE VERROUILLAGE POUR CLOU INTRAMEDULLAIRE**
[72] GRACA, CLAUDIA, DE
[72] HOMEIER, ANNIKA, DE
[72] HOWLING, ILAN, DE
[72] KAISER, EDGAR, DE
[73] STRYKER EUROPEAN HOLDINGS I, LLC, US
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[25] EN
[54] **SLANT WALL BLOCK AND WALL SECTION INCLUDING SAME**
[54] **BLOC DE MUR INCLINE ET SECTION DE MUR COMPRENANT LEDIT BLOC**
[72] MACDONALD, ROBERT A., US
[72] RICCOBENE, THOMAS S., US
[73] KEYSTONE RETAINING WALL SYSTEMS LLC, US
[85] 2014-03-13
[86] 2012-09-19 (PCT/US2012/056071)
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[30] US (61/536,904) 2011-09-20

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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING DISORDERS ASSOCIATED WITH OVERWEIGHT ANIMALS**
[54] **COMPOSITIONS ET PROCEDES POUR TRAITER DES TROUBLES ASSOCIES A DES ANIMAUX EN SURPOIDS**
[72] YAMKA, RYAN MICHAEL, US
[72] FRANTZ, NOLAN ZEBULON, US
[72] GAO, XIANGMING, US
[72] AL MURRANI, SAMER, US
[73] HILL'S PET NUTRITION, INC., US
[86] (2849218)
[87] (2849218)
[22] 2009-07-20
[62] 2,731,090
[30] US (61/082,184) 2008-07-18
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[51] **Int.Cl. E21B 43/14 (2006.01) E21B 33/124 (2006.01) E21B 33/13 (2006.01) E21B 33/14 (2006.01)**
[25] EN
[54] **WELL COMPLETION METHOD TO ALLOW DUAL MONITORING OF RESERVOIR SATURATION AND PRESSURE**
[54] **PROCEDE DE CONDITIONNEMENT DE Puits POUR PERMETTRE LA SURVEILLANCE DOUBLE DE LA SATURATION ET DE LA PRESSION D'UN RESERVOIR**
[72] AL-AJMI, FAHAD A., SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2014-03-20
[86] 2012-10-26 (PCT/US2012/062099)
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[13] C

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[54] **UNIVERSAL PHASE DIMMING MODULE**
[54] **MODULE DE VARIATION DE PHASE UNIVERSEL**
[72] ZULIM, DALIBOR, US
[72] WESTRICK, RICHARD L., JR., US
[72] MULLINS, LESLIE, US
[72] CASH, AUDWIN W., US
[73] ABL IP HOLDING LLC, US
[86] (2849533)
[87] (2849533)
[22] 2014-04-22
[30] US (61/813,456) 2013-04-18

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[13] C

[51] **Int.Cl. A61M 15/00 (2006.01) A61M 16/06 (2006.01) A61M 16/20 (2006.01)**
[25] EN
[54] **VISUAL INDICATOR FOR AN AEROSOL MEDICATION DELIVERY APPARATUS AND SYSTEM**
[54] **INDICATEUR VISUEL POUR DISTRIBUTEUR DE MEDICATION EN AEROSOL ET SYSTEME CORRESPONDANT**
[72] BRUCE, SARAH, CA
[72] SCHMIDT, JAMES N., CA
[73] TRUDELL MEDICAL INTERNATIONAL, CA
[86] (2849545)
[87] (2849545)
[22] 2003-05-16
[62] 2,776,659
[30] US (60/382,227) 2002-05-21
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[25] EN
[54] **MACHINE FOR THE PREPARATION OF PHARMACEUTICAL PRODUCTS**
[54] **MACHINE CONCUE POUR LA PREPARATION DE PRODUITS PHARMACEUTIQUES**
[72] GIRIBONA, PAOLO, IT
[72] RAINER, WERNER, IT
[72] BALDASSARI, DANIELE, IT
[72] GABBARINI, ALFERINO, IT
[72] PALUSELLI, PIETRO, IT
[73] HEALTH ROBOTICS S.R.L., IT
[86] (2849554)
[87] (2849554)
[22] 2006-12-07
[62] 2,658,803
[30] IT (AN2006A 000044) 2006-07-26
[30] IT (PCT/IT2006/000688) 2006-09-27
[30] IT (PCT/IT2006/000739) 2006-10-16
[30] IT (PCT/IT2006/000740) 2006-10-17

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[11] **2,849,593**
[13] C

[51] **Int.Cl. A47K 3/40 (2006.01) E03C 1/22 (2006.01) F16L 5/02 (2006.01)**
[25] EN
[54] **INTEGRATED BONDING FLANGE SUPPORT DISK FOR PREFABRICATED SHOWER TRAY**
[54] **DISQUE SUPPORT A BRIDE DE LIAISON INTEGREE POUR PLATEAU DE DOUCHE PREFABRIQUE**
[72] DEJESUS, WILLIAM M., US
[72] NIELSEN, PETER, US
[72] MEYERS, LARRY, US
[73] MGNT PRODUCTS GROUP LLC, US
[86] (2849593)
[87] (2849593)
[22] 2014-04-23
[30] US (61/816,342) 2013-04-26
[30] US (13/934,284) 2013-07-03

[11] **2,850,632**
[13] C

[51] **Int.Cl. A61B 17/68 (2006.01) A61B 17/70 (2006.01) A61B 17/86 (2006.01) A61B 17/88 (2006.01) A61F 2/30 (2006.01)**
[25] EN
[54] **SURGICAL DEVICES AND METHODS PROVIDING SACROILIAC STABILIZATION**
[54] **DISPOSITIFS ET PROCEDES CHIRURGICAUX FOURNISSANT UNE STABILISATION SACRO-ILIAQUE**
[72] DATTA, DEVIN, US
[73] DATTA, DEVIN, US
[85] 2014-02-04
[86] 2012-08-04 (PCT/US2012/049666)
[87] (WO2013/020123)
[30] US (61/515,075) 2011-08-04
[30] US (13/565,975) 2012-08-03

[11] **2,850,768**
[13] C

[51] **Int.Cl. F22B 37/00 (2006.01)**
[25] EN
[54] **STEAM GENERATOR FILM COOLING USING PRODUCED WATER**
[54] **COUCHE DE REFROIDISSEMENT DE GENERATEUR DE VAPEUR A L'AIDE DE L'EAU PRODUITE**
[72] VEGA, JOHN, US
[72] MAYS, JEFFREY A., US
[73] AEROJET ROCKETDYNE OF DE, INC., US
[86] (2850768)
[87] (2850768)
[22] 2014-05-01

[11] **2,851,333**
[13] C

[51] **Int.Cl. G01N 27/72 (2006.01) G01B 7/06 (2006.01)**
[25] EN
[54] **CARBURIZATION SENSING METHOD**
[54] **PROCEDE DE DETECTION DE LA CARBURATION**
[72] HYODO, SHIGETOSHI, JP
[72] TAKIMOTO, YOSHIKAZU, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-04-07
[86] 2012-08-08 (PCT/JP2012/070159)
[87] (WO2013/061667)
[30] JP (2011-233881) 2011-10-25

[11] **2,852,158**
[13] C

[51] **Int.Cl. E02F 3/815 (2006.01) B60D 3/00 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN GRADER BLADE ASSEMBLIES**
[54] **AMELIORATIONS APORTEES A UN ENSEMBLE DE LAME NIVELEUSE**
[72] HARRIS, GEOFF, AU
[72] HARRIS, CRAIG, AU
[73] HARRIS, GEOFF, AU
[73] HARRIS, CRAIG, AU
[86] (2852158)
[87] (2852158)
[22] 2014-05-14
[30] AU (2013901711) 2013-05-15

[11] **2,853,028**
[13] C

[51] **Int.Cl. G21F 9/12 (2006.01) G21F 9/30 (2006.01)**
[25] EN
[54] **METHOD FOR ELIMINATING RADIOACTIVE IODINE AND HYDROPHILIC RESIN FOR ELIMINATING RADIOACTIVE IODINE**
[54] **PROCEDE D'ELIMINATION DE L'IODE RADIOACTIVE ET RESINE HYDROPHILE POUR L'ELIMINATION DE L'IODE RADIOACTIVE**
[72] HANADA, KAZUYUKI, JP
[72] URUNO, MANABU, JP
[72] KIMURA, KAZUYA, JP
[72] TAKAHASHI, KENICHI, JP
[73] DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD., JP
[73] UKIMA CHEMICALS & COLOR MFG. CO., LTD., JP
[85] 2014-04-22
[86] 2012-10-25 (PCT/JP2012/077595)
[87] (WO2013/062044)
[30] JP (2011-234739) 2011-10-26
[30] JP (2012-046846) 2012-03-02

[11] **2,854,176**
[13] C

[51] **Int.Cl. E02F 3/815 (2006.01) E02F 3/76 (2006.01) E02F 5/02 (2006.01) E02F 5/14 (2006.01)**
[25] EN
[54] **ADJUSTABLE EARTH SHAPING BLADE AND EARTH SHAPING APPARATUS**
[54] **LAME DE TERRASSEMENT AJUSTABLE ET APPAREIL DE TERRASSEMENT**
[72] HELMECZI, RAYMOND, CA
[72] KOWCH, JAMES WALTER WESLEY, CA
[73] BRIDGEVIEW MFG. INC., CA
[86] (2854176)
[87] (2854176)
[22] 2014-06-13

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[11] **2,856,276**
[13] C

[51] **Int.Cl. C07C 237/16 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING HIGH-PURITY CRYSTALLINE CARBAMIDE**
[54] **PROCEDE DE PRODUCTION DE CARBAMIDE CRISTALLINE DE HAUTE PURETE**
[72] ANDREEV, ANDREI
VLADIMIROVICH, RU
[72] BATULLIN, FARID ALEKOVICH, RU
[73] ANDREEV, ANDREI
VLADIMIROVICH, RU
[73] BATULLIN, FARID ALEKOVICH, RU
[85] 2014-05-16
[86] 2012-12-03 (PCT/RU2012/001014)
[87] (WO2013/077775)

[11] **2,856,504**
[13] C

[51] **Int.Cl. D05B 1/20 (2006.01) D05B 37/04 (2006.01) D05B 73/12 (2006.01)**
[25] EN
[54] **SEWING MACHINE AND PROCESS FOR SEWING TOGETHER, BY MEANS OF SAID SEWING MACHINE, AT LEAST TWO OVERLAPPING FLAPS OF TEXTILE**
[54] **MACHINE A COUDRE ET PROCESSUS POUR COUDRE ENSEMBLE, AU MOYEN DE LADITE MACHINE A COUDRE, AU MOINS DEUX RABATS DE TEXTILE SE CHEVAUCHANT**
[72] LONATI, TIBERIO (DECEASED), IT
[73] SANTONI S.P.A., IT
[85] 2014-05-21
[86] 2012-11-21 (PCT/IB2012/056593)
[87] (WO2013/080094)
[30] IT (MI2011A002188) 2011-11-30

[11] **2,856,733**
[13] C

[51] **Int.Cl. B26B 21/44 (2006.01)**
[25] EN
[54] **FLUID APPLICATOR FOR A PERSONAL-CARE APPLIANCE**
[54] **APPLICATEUR DE FLUIDE POUR APPAREIL D'HYGIENE CORPORELLE**
[72] WAIN, KEVIN JAMES, GB
[73] THE GILLETTE COMPANY, US
[85] 2014-05-22
[86] 2012-12-07 (PCT/US2012/068338)
[87] (WO2013/086254)
[30] US (61/568,877) 2011-12-09

[11] **2,857,097**
[13] C

[51] **Int.Cl. B25J 9/16 (2006.01)**
[25] FR
[54] **METHOD FOR CONTROLLING AN AUTOMATED SYSTEM FOR COATING A COMPONENT BY SPRAYING A MATERIAL**
[54] **PROCEDE DE COMMANDE D'UN SYSTEME ROBOTISE POUR LE REVETEMENT D'UNE PIECE PAR PROJECTION D'UN MATERIAU**
[72] CHEBROUX, CHRISTOPHE, FR
[72] GENDRON, JEAN-YVES, FR
[72] MONERIE-MOULIN, FRANCIS, FR
[73] MESSIER-BUGATTI-DOWTY, FR
[85] 2014-05-27
[86] 2012-12-06 (PCT/EP2012/074713)
[87] (WO2013/083733)
[30] FR (1161252) 2011-12-06

[11] **2,857,343**
[13] C

[51] **Int.Cl. A61K 8/97 (2006.01) A61Q 5/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR IMPROVING THE APPEARANCE OF AGING HAIR**
[54] **COMPOSITIONS ET PROCEDES POUR AMELIORER L'ASPECT DE CHEVEUX AGES**
[72] RICHARDS, JEANETTE ANTHEA, US
[72] DAWSON, THOMAS LARRY, JR., US
[72] COMBS, MARY JANE, US
[72] DUEVA-KOGANOV, OLGA, US
[72] KOGANOV, MICHAEL, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-05-28
[86] 2012-12-20 (PCT/US2012/070925)
[87] (WO2013/096611)
[30] US (61/578,997) 2011-12-22

[11] **2,857,479**
[13] C

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C08B 30/00 (2006.01) C12N 15/87 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01)**
[25] EN
[54] **CANOLA VARIETY INBRED NS6266**
[54] **VARIETE DE CANOLA AUTOFECONDE NS6266**
[72] PATEL, JAYANTILAL DEVABHAI, CA
[72] FALAK, IGOR, CA
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2857479)
[87] (2857479)
[22] 2014-07-22
[30] US (13/948,870) 2013-07-23

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[11] **2,857,480**
[13] C

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C08B 30/00 (2006.01) C12N 15/87 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01)**

[25] EN
[54] **CANOLA VARIETY INBRED NS6569**
[54] **VARIETE DE CANOLA AUTOFECONDE NS6569**
[72] PATEL, JAYANTILAL DEVABHAI, CA
[72] FALAK, IGOR, CA
[72] STANTON, DANIEL JOSEPH, CA
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2857480)
[87] (2857480)
[22] 2014-07-22
[30] US (13/948,911) 2013-07-23

[11] **2,857,528**
[13] C

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C08B 30/00 (2006.01) C12N 15/87 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01)**

[25] EN
[54] **CANOLA VARIETY INBRED NS6703**
[54] **VARIETE DE CANOLA AUTOFECONDE NS6703**
[72] PATEL, JAYANTILAL DEVABHAI, CA
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2857528)
[87] (2857528)
[22] 2014-07-22
[30] US (13/948,895) 2013-07-23

[11] **2,857,534**
[13] C

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C08B 30/00 (2006.01) C12N 15/87 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01)**

[25] EN
[54] **CANOLA VARIETY INBRED NS6623**
[54] **VARIETE DE CANOLA AUTOFECONDE NS6623**
[72] PATEL, JAYANTILAL DEVABHAI, CA
[72] FALAK, IGOR, CA
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2857534)
[87] (2857534)
[22] 2014-07-22
[30] US (13/948,883) 2013-07-23

[11] **2,858,555**
[13] C

[51] **Int.Cl. E21B 33/038 (2006.01) E21B 7/12 (2006.01) E21B 21/08 (2006.01) E21B 33/08 (2006.01)**

[25] EN
[54] **INTERNAL RISER ROTATING CONTROL HEAD**
[54] **TETE DE CONTROLE ROTATIVE DE TUBE PROLONGATEUR INTERNE**
[72] BOURGOYNE, DARRYL A., US
[72] HANNEGAN, DON M., US
[72] BAILEY, THOMAS F., US
[72] CHAMBERS, JAMES W., US
[72] WILSON, TIMOTHY L., US
[73] WEATHERFORD/LAMB, INC., US
[86] (2858555)
[87] (2858555)
[22] 2003-10-27
[62] 2,446,984
[30] US (10/281,534) 2002-10-28

[11] **2,859,059**
[13] C

[51] **Int.Cl. H04W 4/08 (2009.01)**

[25] EN
[54] **METHOD, GROUP SERVER, AND MEMBER DEVICE FOR ACCESSING MEMBER RESOURCES**
[54] **PROCEDE PERMETTANT D'ACCEDEUR AUX RESSOURCES MEMBRES, AU SERVEUR DE GROUPE ET AU DISPOSITIF MEMBRE**
[72] ZHANG, YONGJING, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2014-06-12
[86] 2012-07-12 (PCT/CN2012/078531)
[87] (WO2013/102346)
[30] CN (201210004135.6) 2012-01-06

[11] **2,859,294**
[13] C

[51] **Int.Cl. B61K 3/02 (2006.01)**

[25] EN
[54] **RAILWAY VEHICLE STEERING TRUCK**
[54] **BOGIE DE DIRECTION DE VEHICULE FERROVIAIRE**
[72] SHIMOKAWA, YOSHIYUKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-06-13
[86] 2012-09-20 (PCT/JP2012/074031)
[87] (WO2013/094264)
[30] JP (2011-277376) 2011-12-19

[11] **2,859,579**
[13] C

[51] **Int.Cl. C01B 3/06 (2006.01) C01B 3/00 (2006.01) C07C 209/00 (2006.01) C07C 211/63 (2006.01)**

[25] EN
[54] **USE OF AN IONIC LIQUID FOR STORING HYDROGEN**
[54] **UTILISATION D'UN LIQUIDE IONIQUE POUR LE STOCKAGE D'HYDROGENE**
[72] KALB, ROLAND, AT
[72] KRAYNOV, ALEXANDER, NL
[73] PROIONIC GMBH, AT
[85] 2014-06-17
[86] 2012-12-20 (PCT/EP2012/076305)
[87] (WO2013/113452)
[30] EP (12153677.5) 2012-02-02

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[11] **2,861,740**
[13] C

[51] **Int.Cl. C22C 38/00 (2006.01) C21D 9/08 (2006.01) C21D 9/50 (2006.01) C22C 38/14 (2006.01) C22C 38/58 (2006.01)**

[25] EN
[54] **LOW ALLOY STEEL**
[54] **ACIER FAIBLEMENT ALLIE**
[72] HIRATA, HIROYUKI, JP
[72] OMURA, TOMOHIKO, JP
[72] KOBAYASHI, KENJI, JP
[72] KAWANO, KAORI, JP
[72] TOMATSU, KOTA, JP
[72] OGAWA, KAZUHIRO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-06-26
[86] 2012-12-17 (PCT/JP2012/082608)
[87] (WO2013/105396)
[30] JP (2012-004204) 2012-01-12

[11] **2,862,099**
[13] C

[51] **Int.Cl. B21B 19/04 (2006.01) B21B 25/00 (2006.01)**

[25] EN
[54] **PLUG FOR USE IN PIERCING MACHINE AND REGENERATING METHOD OF PLUG**
[54] **BOUCHON UTILISE DANS UNE MACHINE DE PERCAGE ET PROCEDE DE REGENERATION DE BOUCHON**
[72] HIGASHIDA, YASUTO, JP
[72] HIDAKA, YASUYOSHI, JP
[72] SHIMODA, KAZUHIRO, JP
[72] TATEBAYASHI, YOSUKE, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-07-21
[86] 2013-03-04 (PCT/JP2013/055854)
[87] (WO2013/153878)
[30] JP (2012-090120) 2012-04-11
[30] JP (2012-107275) 2012-05-09

[11] **2,862,263**
[13] C

[51] **Int.Cl. C07D 231/14 (2006.01) A61K 31/415 (2006.01) A61P 11/00 (2006.01) C07D 231/38 (2006.01)**

[25] EN
[54] **COMPOUNDS ACTING AT MULTIPLE PROSTAGLANDIN RECEPTORS GIVING A GENERAL ANTI-INFLAMMATORY RESPONSE**
[54] **COMPOSES AGISSANT AU NIVEAU DE MULTIPLES RECEPTEURS DE PROSTAGLANDINE GENERANT UNE REAGONSE ANTI-INFLAMMATOIRE GENERALE**
[72] KANGASMETSA, JUSSI J., GB
[72] CARLING, WILLIAM R., GB
[72] MARTOS, JOSE L., GB
[72] WOODWARD, DAVID F., US
[72] WANG, JENNY W., US
[73] ALLERGAN, INC., US
[85] 2014-06-27
[86] 2012-12-19 (PCT/US2012/070664)
[87] (WO2013/101598)
[30] US (61/580,474) 2011-12-27

[11] **2,863,031**
[13] C

[51] **Int.Cl. B01D 3/14 (2006.01)**

[25] EN
[54] **PROCESS FOR PRODUCING BIOFUEL FROM A RENEWABLE FEEDSTOCK**
[54] **PROCEDE DE PRODUCTION DE BIOCARBURANT A PARTIR DE MATIERE PREMIERE RENOUVELABLE**
[72] EIZENGA, DONALD A., US
[72] VAN WEES, MARK, US
[72] STEACY, PAUL C., US
[73] UOP LLC, US
[85] 2014-07-25
[86] 2013-04-23 (PCT/US2013/037676)
[87] (WO2013/173028)
[30] US (13/475,075) 2012-05-18

[11] **2,863,497**
[13] C

[51] **Int.Cl. C23C 22/53 (2006.01) C23C 22/68 (2006.01) C25D 5/48 (2006.01) C25D 11/34 (2006.01)**

[25] FR
[54] **USE OF A SOLUTION CONTAINING SULPHATE IONS FOR REDUCING THE BLACKENING OR TARNISHING OF A METAL SHEET DURING THE STORAGE THEREOF AND METAL SHEET TREATED WITH SUCH A SOLUTION**
[54] **UTILISATION D'UNE SOLUTION CONTENANT DES IONS SULFATES POUR REDUIRE LE NOIRCISSEMENT OU LE TERNISSEMENT D'UNE TOLE LORS DE SON STOCKAGE ET TOLE TRAITEE PAR UNE TELLE SOLUTION**
[72] CHALEIX, DANIEL, FR
[72] ALLELY, CHRISTIAN, FR
[72] MONNOYER, MAXIME, FR
[72] FELTIN, PASCALE, FR
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO SL, ES
[85] 2014-07-09
[86] 2012-01-10 (PCT/FR2012/000013)
[87] (WO2013/104835)

[11] **2,867,318**
[13] C

[51] **Int.Cl. E21B 7/08 (2006.01) E21B 7/04 (2006.01)**

[25] EN
[54] **SUBSURFACE FORMATION CUTTER**
[54] **APPAREIL DE COUPE DE FORMATIONS SOUTERRAINES**
[72] CHUNG, BERNARD C., CA
[73] CHUNG, BERNARD C., CA
[86] (2867318)
[87] (2867318)
[22] 2014-10-08
[30] US (14/073,068) 2013-11-06

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[11] **2,868,546**
[13] C

[51] **Int.Cl. B23K 9/02 (2006.01) B23K 9/00 (2006.01) B23K 9/173 (2006.01) B23K 31/00 (2006.01)**
[25] EN
[54] **FILLET ARC WELDED JOINT AND METHOD OF FORMING THE SAME**
[54] **JOINT D'ANGLE SOUDE A L'ARC ET PROCEDE DE FORMATION DE CELUI-CI**
[72] ISHIDA, YOSHINARI, JP
[72] KODAMA, SHINJI, JP
[72] TSUCHIYA, SHOKO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-09-25
[86] 2013-04-16 (PCT/JP2013/061335)
[87] (WO2013/157557)
[30] JP (2012-093877) 2012-04-17
[30] JP (2012-180870) 2012-08-17

[11] **2,869,680**
[13] C

[51] **Int.Cl. H01F 7/02 (2006.01)**
[25] EN
[54] **MAGNETIC SYSTEM OF THREE INTERACTIONS**
[54] **SYSTEME MAGNETIQUE A TROIS INTERACTIONS**
[72] KERTSOPOULOS, GEORGIOS K., GR
[73] KERTSOPOULOS, GEORGIOS K., GR
[73] BLAZAKI, DIONYSIA, GR
[73] KERTSOPOULOS, GEORGIOS G., GR
[73] KERTSOPOULOU, KONSTANTINA, GR
[85] 2014-09-09
[86] 2013-03-12 (PCT/GR2013/000015)
[87] (WO2013/136097)
[30] GR (20120100153) 2012-03-13

[11] **2,869,838**
[13] C

[51] **Int.Cl. C23C 2/06 (2006.01) C22C 18/04 (2006.01) C23C 2/02 (2006.01) C23C 2/38 (2006.01)**
[25] EN
[54] **HOT-DIP GALVANIZED STEEL PIPE AND METHOD OF MANUFACTURING THE SAME**
[54] **TUBE EN ACIER GALVANISE, ET PROCEDE DE FABRICATION DU TUBE EN ACIER GALVANISE**
[72] OKAMOTO, KOUICHI, JP
[72] TAKEBAYASHI, HIROSHI, JP
[72] SOGA, YOSHITAKA, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-10-07
[86] 2012-12-13 (PCT/JP2012/082397)
[87] (WO2013/161122)
[30] JP (2012-098298) 2012-04-24

[11] **2,869,444**
[13] C

[51] **Int.Cl. F22B 37/00 (2006.01)**
[25] EN
[54] **THERMAL STORAGE CONDENSING BOILER OR HEAT EXCHANGER**
[54] **CHAUDIERE OU ECHANGEUR DE CHALEUR A CONDENSATION ET STOCKAGE THERMIQUE**
[72] CAIN, MARTIN, US
[73] CAIN, MARTIN, US
[85] 2014-10-01
[86] 2013-05-14 (PCT/US2013/040936)
[87] (WO2013/173328)
[30] US (61/688,458) 2012-05-15

[11] **2,869,740**
[13] C

[51] **Int.Cl. D06H 7/02 (2006.01) B26D 1/14 (2006.01) B26D 1/18 (2006.01) B26D 3/00 (2006.01) B26D 7/02 (2006.01)**
[25] EN
[54] **WEB MEMBER CUTTING APPARATUS FOR CUTTING WEB MEMBER THAT HAS A PLURALITY OF FIBERS INCLUDING TOWS AND WEB MEMBER CUTTING METHODS**
[54] **APPAREIL DE COUPE D'ELEMENT DE BANDE SERVANT A COUPER UN ELEMENT DE BANDE QUI COMPORTE UNE PLURALITE DE FIBRES, Y COMPRIS DES CABLES, ET METHODES DE COUPE D'ELEMENT DE BANDE**
[72] NOBUKUNI, HISAOKI, JP
[73] UNICHARM CORPORATION, JP
[85] 2014-10-06
[86] 2013-05-09 (PCT/JP2013/063011)
[87] (WO2013/175966)
[30] JP (2012-115783) 2012-05-21

[11] **2,870,427**
[13] C

[51] **Int.Cl. B23K 13/00 (2006.01) B21B 37/74 (2006.01) B21B 37/78 (2006.01) B21C 37/08 (2006.01) B23K 13/02 (2006.01) B23K 13/08 (2006.01)**
[25] EN
[54] **ELECTRIC RESISTANCE WELDING OPERATION MANAGEMENT DEVICE, ELECTRIC RESISTANCE WELDING OPERATION MANAGEMENT METHOD, AND COMPUTER PROGRAM**
[54] **DISPOSITIF DE GESTION D'OPERATION DE SOUDAGE PAR RESISTANCE ELECTRIQUE, PROCEDE DE GESTION D'OPERATION DE SOUDAGE PAR RESISTANCE ELECTRIQUE ET PROGRAMME INFORMATIQUE**
[72] HASEGAWA, NOBORU, JP
[72] FUKAMI, TOSHISUKE, JP
[72] MIZUHASHI, NOBUO, JP
[72] HAMATANI, HIDEKI, JP
[72] KARUBE, YOSHIFUMI, JP
[72] MIURA, TAKAO, JP
[72] TANAKA, KIMI HARU, JP
[72] YAMAMOTO, KAZUTO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-10-14
[86] 2013-04-05 (PCT/JP2013/060540)
[87] (WO2013/157422)
[30] JP (2012-095073) 2012-04-18
[30] JP (2012-150610) 2012-07-04

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[11] **2,872,316**
[13] C

[51] **Int.Cl. C04B 35/04 (2006.01) C04B 35/043 (2006.01) C04B 35/515 (2006.01) C04B 35/56 (2006.01) C04B 35/565 (2006.01) C04B 35/58 (2006.01) C04B 35/584 (2006.01)**

[25] EN

[54] **REFRACTORY CERAMIC BATCH AND BRICK FORMED THEREFROM**

[54] **MELANGE CERAMIQUE IGNIFUGE ET PIERRE FORMEE A PARTIR DE CELUI-CI**

[72] HARMUTH, HARALD, AT

[72] GSCHIEL, SABINE, AT

[73] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT

[85] 2014-10-31

[86] 2013-05-07 (PCT/EP2013/059491)

[87] (WO2013/185983)

[30] EP (12172161.7) 2012-06-15

[11] **2,874,451**
[13] C

[51] **Int.Cl. G10H 7/00 (2006.01) G10L 19/008 (2013.01) G10L 19/16 (2013.01) G10L 19/04 (2013.01) H04S 1/00 (2006.01) H04S 3/00 (2006.01)**

[25] EN

[54] **ENHANCED CODING AND PARAMETER REPRESENTATION OF MULTICHANNEL DOWNMIXED OBJECT CODING**

[54] **CODAGE AMELIORE ET REPRESENTATION DE PARAMETRES D'UN CODAGE D'OBJET A ABAISSEMENT DE FREQUENCE MULTI-CANAL**

[72] ENGDEGARD, JONAS, SE

[72] VILLEMOES, LARS, SE

[72] PURNHAGEN, HEIKO, SE

[72] RESCH, BARBARA, SE

[73] DOLBY INTERNATIONAL AB, NL

[86] (2874451)

[87] (2874451)

[22] 2007-10-05

[62] 2,666,640

[30] US (60/829,649) 2006-10-16

[11] **2,875,147**
[13] C

[51] **Int.Cl. C07D 237/32 (2006.01)**

[25] EN

[54] **METHOD OF PREPARING CRYSTALLINE FORM PHTHALAZINONE DERIVATIVE FOR USE IN CANCER TREATMENT**

[54] **PROCEDE DE PREPARATION D'UN DERIVE DE PHTHALAZINONE SOUS FORME CRISTALLINE POUR LE TRAITEMENT DU CANCER**

[72] MENEAR, KEITH ALLAN, GB

[72] OTTRIDGE, ANTHONY PETER, GB

[72] LONDESBROUGH, DEREK JOHN, GB

[72] HALLETT, MICHAEL RAYMOND, GB

[72] MULLHOLLAND, KEITH RAYMOND, GB

[72] PITTAM, JOHN DAVID, GB

[72] LAFFAN, DAVID DERMOT PATRICK, GB

[72] ASHWORTH, IAN WOODWARD, GB

[72] JONES, MARTIN FRANCIS, GB

[72] CHERRYMAN, JANETTE HELEN, GB

[73] KUDOS PHARMACEUTICALS LIMITED, GB

[86] (2875147)

[87] (2875147)

[22] 2007-10-15

[62] 2,664,275

[30] US (60/829,694) 2006-10-17

[11] **2,875,561**
[13] C

[51] **Int.Cl. E06B 3/677 (2006.01) E06B 3/673 (2006.01)**

[25] EN

[54] **WINDOW COMPONENT SYSTEM INCLUDING PUSHER FOR SCRAP REMOVAL**

[54] **SYSTEME DE COMPOSANT DE FENETRE COMPRENANT UN POUSSEUR POUR L'ENLEVEMENT DE REBUTS**

[72] JAMES, BRIAN G., US

[72] SHEPHERD, ROBERT R., II, US

[73] GED INTEGRATED SOLUTIONS, INC., US

[86] (2875561)

[87] (2875561)

[22] 2005-05-12

[62] 2,789,712

[30] US (60/614,314) 2004-09-29

[30] US (60/619,084) 2004-10-15

[30] US (11/085,769) 2005-03-21

[11] **2,877,475**
[13] C

[51] **Int.Cl. A61F 2/10 (2006.01) A61K 8/02 (2006.01) A61L 27/14 (2006.01)**

[25] EN

[54] **PROSTHETIC APPLIANCE TRANSFER KIT AND METHOD**

[54] **ENSEMBLE ET PROCEDE DE TRANSFERT D'APPAREIL PROTHETIQUE**

[72] TINSLEY, CHRISTIEN, US

[73] TINSLEY, CHRISTIEN, US

[73] TINSLEY TRANSFERS, INC., US

[85] 2014-12-19

[86] 2012-06-22 (PCT/US2012/043886)

[87] (WO2013/191708)

[11] **2,884,623**
[13] C

[51] **Int.Cl. A61F 2/38 (2006.01)**

[25] EN

[54] **POSTERIOR STABILIZED KNEE PROSTHESIS**

[54] **PROTHESE DE GENOU STABILISEE POSTERIEURE**

[72] LIPMAN, JOSEPH, US

[72] RABINOWICZ, ANNA, US

[73] NEW YORK SOCIETY FOR THE RUPTURED AND CRIPPLED MAINTAINING THE HOSPITAL FOR SPECIAL SURGERY, US

[86] (2884623)

[87] (2884623)

[22] 2007-09-25

[62] 2,664,666

[30] US (60/826,844) 2006-09-25

[11] **2,887,630**
[13] C

[51] **Int.Cl. B01D 25/12 (2006.01) G01N 21/53 (2006.01)**

[25] EN

[54] **TURBIDITY SENSING FILTER APPARATUS, SYSTEMS, AND METHODS THEREOF**

[54] **APPAREIL FILTRANT A DETECTION DE TURBIDITE, SYSTEME ET PROCEDES ASSOCIES**

[72] PHILLIPS, MIKE, US

[72] JORGENSEN, FLEMMING, DK

[72] SINGER, ROBERT, US

[72] FOUIGNER, ANDERS, DK

[72] HELM, ALEXANDER, DK

[73] FLSMIDT A/S, DK

[85] 2015-04-09

[86] 2013-10-15 (PCT/US2013/065034)

[87] (WO2014/062670)

[30] US (61/714,036) 2012-10-15

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[11] **2,887,984**
[13] C

[51] **Int.Cl. H01F 41/02 (2006.01) B22F 3/17 (2006.01) B22F 3/20 (2006.01) C22C 28/00 (2006.01) H01F 1/057 (2006.01) H01F 1/08 (2006.01)**

[25] EN

[54] **RARE-EARTH MAGNET PRODUCTION METHOD**

[54] **PROCEDE DE PRODUCTION D'UN AIMANT EN TERRE RARE**

[72] ICHIGOZAKI, DAISUKE, JP

[72] MIYAMOTO, NORITAKA, JP

[72] SHOJI, TETSUYA, JP

[72] IKEDA, YUYA, JP

[72] MANABE, AKIRA, JP

[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP

[85] 2015-04-13

[86] 2013-10-17 (PCT/JP2013/078191)

[87] (WO2014/065188)

[30] JP (2012-233812) 2012-10-23

[30] JP (2013-212883) 2013-10-10

[11] **2,889,847**
[13] C

[51] **Int.Cl. E02F 5/22 (2006.01) E02F 5/12 (2006.01)**

[25] EN

[54] **BACKFILL DEVICE AND METHOD WITH ROTATING DRUM**

[54] **DISPOSITIF DE REMPLISSAGE ET METHODE COMPORTANT UN TAMBOUR ROTATIF**

[72] BROWN, STANLEY L., US

[73] BROWN BEAR CORPORATION, US

[86] (2889847)

[87] (2889847)

[22] 2015-04-29

[30] US (14/267,418) 2014-05-01

[11] **2,890,414**
[13] C

[51] **Int.Cl. A61H 33/02 (2006.01) A47K 3/02 (2006.01) A61H 33/06 (2006.01) B01F 3/04 (2006.01)**

[25] EN

[54] **MICROBUBBLE SYSTEM FOR TUBS**

[54] **SYSTEME DE MICROBULLES POUR BAIGNOIRE**

[72] CASTELLOTE, MIGUEL, CA

[72] CASTELLOTE-CIECHANOWSKI, JONATHAN, CA

[73] C.G. AIR SYSTEMES INC., CA

[86] (2890414)

[87] (2890414)

[22] 2015-05-01

[30] US (61/987,202) 2014-05-01

[11] **2,891,683**
[13] C

[51] **Int.Cl. F23D 23/00 (2006.01) E21B 41/00 (2006.01) E21B 43/26 (2006.01) F23C 1/00 (2006.01) F23C 5/00 (2006.01) F23D 17/00 (2006.01) F24H 9/18 (2006.01)**

[25] EN

[54] **DUAL FUEL BURNER**

[54] **BRULEUR A BICARBURANT**

[72] BRIGGS, PAUL, US

[73] ADLER HOT OIL SERVICE, LLC, US

[86] (2891683)

[87] (2891683)

[22] 2015-05-12

[30] US (62/039,343) 2014-08-19

[30] US (14/509,636) 2014-10-08

[11] **2,893,175**
[13] C

[51] **Int.Cl. C07K 14/00 (2006.01) C07K 7/06 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12N 15/11 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS FOR GENERATION OF BAX- AND BAK-DEFICIENT CELL LINES**

[54] **PROCEDES ET COMPOSITIONS POUR LA GENERATION DE LIGNEES CELLULAIRES DEFICIENTES EN BAX ET BAK**

[72] COLLINGWOOD, TREVOR, US

[72] GREGORY, PHILIP D., US

[73] SANGAMO BIOSCIENCES, INC., US

[86] (2893175)

[87] (2893175)

[22] 2009-06-10

[62] 2,726,768

[30] US (61/131,579) 2008-06-10

[30] US (61/133,792) 2008-07-02

[11] **2,893,726**
[13] C

[51] **Int.Cl. H02S 20/23 (2014.01) H02S 40/32 (2014.01) H02S 40/36 (2014.01) E04D 13/18 (2014.01)**

[25] EN

[54] **MODULAR SOLAR PANEL ROOF SYSTEM**

[54] **SYSTEME DE TOIT MODULAIRE POUR PANNEAUX SOLAIRES**

[72] CARRINGTON, SCOTT, CA

[73] CARRINGTON, SCOTT, CA

[86] (2893726)

[87] (2893726)

[22] 2015-06-04

[30] US (14/725061) 2015-05-29

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[11] **2,895,380**
[13] C

[51] **Int.Cl. H04W 48/12 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROL CHANNEL CONFIGURATION IN A HETEROGENEOUS NETWORK ARCHITECTURE**
[54] **PROCEDE ET APPAREIL DE CONFIGURATION DE CANAL DE COMMANDE DANS UNE ARCHITECTURE DE RESEAU HETEROGENE**
[72] CAI, ZHIJUN, US
[72] SONG, YI, US
[72] BONTU, CHANDRA SEK HAR, CA
[73] BLACKBERRY LIMITED, CA
[85] 2015-06-17
[86] 2012-12-31 (PCT/US2012/072285)
[87] (WO2014/098922)
[30] US (13/720,767) 2012-12-19

[11] **2,895,539**
[13] C

[51] **Int.Cl. C07D 401/10 (2006.01) A61K 31/44 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **HELQUAT DERIVATIVES, PREPARATION THEREOF, AND USE THEREOF AS MEDICAMENTS**
[54] **DERIVES HELQUAT, LEUR PREPARATION, ET LEUR UTILISATION COMME MEDICAMENTS**
[72] TEPLY, FILIP, CZ
[72] HAJEK, MIROSLAV, CZ
[73] USTAV ORGANICKE CHEMIE A BIOCHEMIE AKADEMIE VED CR, V.V.I, CZ
[85] 2015-06-18
[86] 2014-01-17 (PCT/CZ2014/000009)
[87] (WO2014/111069)
[30] CZ (PV 2013-32) 2013-01-17

[11] **2,896,447**
[13] C

[51] **Int.Cl. F21S 10/04 (2006.01)**
[25] EN
[54] **ELECTRIC LIGHTING DEVICES USING AIR FLOW TO GENERATE A FLICKERING FLAME EFFECT**
[54] **DISPOSITIFS D'ECLAIRAGE ELECTRIQUES QUI UTILISENT UN FLUX D'AIR POUR GENERER UN EFFET DE FLAMMES QUI SCINTILLENT**
[72] THOMPSON, JEFF, US
[72] PATTON, DOUGLAS, US
[73] LUMINARA WORLDWIDE, LLC, US
[85] 2015-06-25
[86] 2013-10-16 (PCT/US2013/065284)
[87] (WO2014/062831)
[30] US (61/714,687) 2012-10-16
[30] US (61/746,014) 2012-12-26

[11] **2,896,854**
[13] C

[51] **Int.Cl. H04L 12/16 (2006.01) G06Q 50/10 (2012.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING SUBSCRIBERS A SECURE ELECTRONIC EMERGENCY RESPONSE PORTAL ON A NETWORK**
[54] **SYSTEME ET PROCEDE FOURNISSANT A DES ABONNES UN PORTAIL DE REPONSE D'URGENCE ELECTRONIQUE SECURISE SUR UN RESEAU**
[72] MACY, MARK IRWIN, CA
[72] ROBERTS, BRIAN JOHN, CA
[73] 9069569 CANADA INC., CA
[85] 2015-06-29
[86] 2014-11-03 (PCT/CA2014/051053)
[87] (WO2015/077873)
[30] US (61/909,046) 2013-11-26

[11] **2,897,267**
[13] C

[51] **Int.Cl. B65D 88/78 (2006.01)**
[25] EN
[54] **STEEL PLATE AND CONCRETE COMPOSITE TANK UNIT, TANK GROUP AND OFFSHORE PLATFORMS**
[54] **CYLINDRE UNITAIRE DE PLAQUE D'ACIER ET DE STRUCTURE COMPOSITE EN BETON, GROUPE DE CYLINDRES UNITAIRES ET PLATE-FORME OFFSHORE**
[72] WU, ZHIRONG, CN
[73] WU, ZHIRONG, CN
[85] 2015-07-06
[86] 2013-01-22 (PCT/CN2013/070808)
[87] (WO2014/113909)

[11] **2,898,412**
[13] C

[51] **Int.Cl. C09K 8/035 (2006.01) C08G 67/04 (2006.01) C08K 5/09 (2006.01) C08K 5/49 (2006.01) C09K 8/02 (2006.01) E21B 43/16 (2006.01) C08L 101/16 (2006.01)**
[25] EN
[54] **WELL TREATMENT FLUID MATERIAL AND WELL TREATMENT FLUID COMPRISING THE SAME**
[54] **MATERIAU LIQUIDE DE TRAITEMENT DE Puits ET LIQUIDE DE TRAITEMENT DE Puits COMPORTANT LEDIT MATERIAU**
[72] MASAKI, TAKASHI, JP
[72] KOBAYASHI, TAKUMA, JP
[72] YAMAZAKI, MASAHIRO, JP
[72] SATO, HIROYUKI, JP
[73] KUREHA CORPORATION, JP
[85] 2015-07-16
[86] 2014-01-14 (PCT/JP2014/050461)
[87] (WO2014/112479)
[30] JP (2013-007374) 2013-01-18

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[11] **2,899,267**
[13] C
[51] **Int.Cl. A23D 7/005 (2006.01) A23D 7/01 (2006.01) A23D 7/02 (2006.01)**
[25] EN
[54] **PROCESS FOR THE MANUFACTURE OF EDIBLE WATER-IN-OIL EMULSIONS**
[54] **PROCEDE POUR LA FABRICATION D'EMULSIONS D'EAU DANS L'HUILE COMESTIBLES**
[72] LEENHOUTS, ABRAHAM, NL
[72] SMIT-KINGMA, IRENE ERICA, NL
[72] TIO, FARLEY FERDINAND, NL
[73] UNILEVER PLC, GB
[85] 2015-07-24
[86] 2013-11-15 (PCT/EP2013/073969)
[87] (WO2014/117883)
[30] EP (13153475.2) 2013-01-31

[11] **2,900,178**
[13] C
[51] **Int.Cl. C09K 8/58 (2006.01) E21B 43/22 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **RECOVERING HYDROCARBONS FROM AN UNDERGROUND RESERVOIR**
[54] **RECUPERATION D'HYDROCARBURES D'UN RESERVOIR SOUS-TERRAIN**
[72] WANG, JIANLIN, CA
[72] DADGOSTAR, NAFISEH, CA
[72] DONG, LU, CA
[72] BOONE, THOMAS J., CA
[72] HAN, WENQIANG (ERNEST), CA
[72] SABER, NIMA, CA
[72] GUO, WEIDONG, US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[86] (2900178)
[87] (2900178)
[22] 2015-08-12

[11] **2,900,514**
[13] C
[51] **Int.Cl. A61G 13/12 (2006.01) A61B 6/04 (2006.01) A61M 5/52 (2006.01)**
[25] EN
[54] **RADIAL ACCESS METHODS AND APPARATUS**
[54] **PROCEDES ET APPAREIL D'ACCES RADIAL**
[72] SAMPOGNARO, GREGORY, US
[73] G2 MEDICAL, LLC, US
[85] 2015-08-06
[86] 2014-01-28 (PCT/US2014/013416)
[87] (WO2014/123729)
[30] US (61/850,097) 2013-02-07
[30] US (61/962,262) 2013-11-04

[11] **2,900,963**
[13] C
[51] **Int.Cl. G01N 1/10 (2006.01) G01N 30/00 (2006.01) G01N 30/08 (2006.01) G01N 30/46 (2006.01)**
[25] EN
[54] **SOLUTE EXTRACTING APPARATUS**
[54] **DISPOSITIF D'EXTRACTION DE SOLUTE**
[72] FUJITA, HIROYUKI, JP
[72] NAKAMURA, HIROFUMI, JP
[73] MIURA CO., LTD., JP
[85] 2015-08-19
[86] 2013-08-23 (PCT/JP2013/072513)
[87] (WO2015/025419)

[11] **2,901,786**
[13] C
[51] **Int.Cl. C10G 1/04 (2006.01)**
[25] EN
[54] **PARAFFINIC FROTH TREATMENT**
[54] **TRAITEMENT DE MOUSSE PARAFFINIQUE**
[72] SURYO, RONALD, US
[72] ABEL, KEITH A., CA
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[86] (2901786)
[87] (2901786)
[22] 2015-08-26

[11] **2,902,301**
[13] C
[51] **Int.Cl. B60C 25/12 (2006.01)**
[25] EN
[54] **TIRE MOUNTING DEVICE**
[54] **DISPOSITIF D'ASSEMBLAGE DE PNEUMATIQUE**
[72] ISHIKAWA, MASANOBU, JP
[73] CENTRAL MOTOR WHEEL CO., LTD., JP
[85] 2015-08-24
[86] 2013-02-28 (PCT/JP2013/055291)
[87] (WO2014/132376)

[11] **2,903,682**
[13] C
[51] **Int.Cl. B61F 5/32 (2006.01) B61F 5/26 (2006.01) B61F 5/40 (2006.01)**
[25] EN
[54] **LOW PROFILE SHEAR PAD AND ADAPTER**
[54] **GLISSOIR DE TRAVERSE DANSEUSE SURBAISSE ET ADAPTATEUR**
[72] EAST, DAVID M., US
[72] SAMMARTINO, GIUSEPPE, US
[72] GOLEMBIEWSKI, RONALD D., US
[73] STANDARD CAR TRUCK COMPANY, US
[86] (2903682)
[87] (2903682)
[22] 2008-11-27
[62] 2,645,447
[30] US (11/963,366) 2007-12-21

[11] **2,905,583**
[13] C
[51] **Int.Cl. H04L 9/28 (2006.01) H04L 12/951 (2013.01)**
[25] EN
[54] **SECURE NETWORK COMMUNICATION**
[54] **COMMUNICATION SECURISEE EN RESEAU**
[72] AMBROZ, ALEXANDER, CA
[72] PALIR, NEJC, SI
[73] JUMPTO MEDIA INC., CA
[85] 2015-09-11
[86] 2014-03-13 (PCT/CA2014/000209)
[87] (WO2014/138883)
[30] US (61/780,106) 2013-03-13
[30] US (61/804,509) 2013-03-22

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[11] **2,908,127**
[13] C

[51] **Int.Cl. A01G 31/02 (2006.01) A01G 31/00 (2006.01)**
[25] EN
[54] **COMPACT PLANT GROWING UNIT**
[54] **MODULE COMPACT DE CULTURE DE PLANTE**
[72] LAHAEYE, ERIC, CA
[73] LAHAEYE, ERIC, CA
[85] 2015-10-14
[86] 2014-04-16 (PCT/CA2014/000364)
[87] (WO2015/157839)
[30] GB (1306905.9) 2014-04-16

[11] **2,911,167**
[13] C

[51] **Int.Cl. A22B 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR CARRYING OUT AT LEAST ONE PROCESSING STEP ON A SLAUGHTERED ANIMAL, AND CUTTING TOOL**
[54] **PROCEDE DE MISE EN OEUVRE D'AU MOINS UNE ETAPE DE DECOUPE D'UN ANIMAL D'ABATTOIR ET OUTIL DE COUPE CORRESPONDANT**
[72] SCHMIDT, FRANK, DE
[73] BANSS SCHLACHT- UND FORDERTECHNIK GMBH, DE
[85] 2015-11-02
[86] 2014-05-02 (PCT/EP2014/058972)
[87] (WO2014/177682)
[30] DE (10 2013 104 585.5) 2013-05-03

[11] **2,912,472**
[13] C

[51] **Int.Cl. G01V 5/06 (2006.01) E21B 7/04 (2006.01) E21B 47/02 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTING GAMMA RADIATION DOWNHOLE**
[54] **PROCEDE ET APPAREIL DE DETECTION DE RAYONNEMENT GAMMA EN FOND DE TROU**
[72] LIU, JILI, CA
[72] LOGAN, AARON W., CA
[72] SWITZER, DAVID A., CA
[72] KAZEMI MIRAKI, MOJTABA, CA
[73] EVOLUTION ENGINEERING INC., CA
[85] 2015-11-13
[86] 2014-05-29 (PCT/CA2014/050503)
[87] (WO2014/194418)
[30] US (61/830,772) 2013-06-04

[11] **2,913,747**
[13] C

[51] **Int.Cl. A63H 17/36 (2006.01) A63H 17/385 (2006.01) A63H 33/04 (2006.01)**
[25] EN
[54] **MOBILE AGENTS FOR MANIPULATING, MOVING, AND/OR REORIENTING COMPONENTS**
[54] **AGENTS MOBILES SERVANT A MANIPULER, DEPLACER ET/OU REORIENTER DES COMPOSANTS**
[72] TAPPEINER, HANS, US
[72] SOFMAN, BORIS, US
[72] DENEALE, PATRICK LEE, US
[73] ANKI, INC., US
[85] 2015-11-26
[86] 2014-05-30 (PCT/US2014/040221)
[87] (WO2014/194191)
[30] US (61/829,419) 2013-05-31

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[54] **CARTE DE SOUHAITS INTERACTIVE RENFERMANT UN PERSONNAGE ARTICULE**
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[72] FLESHER, MELISSA, US
[73] AMERICAN GREETINGS CORPORATION, US
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[54] **SURFACE CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE DE SURFACE**
[72] CONRAD, WAYNE ERNEST, CA
[73] OMACHRON INTELLECTUAL PROPERTY INC., CA
[86] (2919941)
[87] (2919941)
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[54] **FLUID HEATER**
[54] **DISPOSITIF CHAUFFANT POUR FLUIDE**
[72] ROSSI, ANDREA, US
[73] ROSSI, ANDREA, US
[85] 2016-02-04
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[87] (WO2016/018851)
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[25] EN
[54] **DELIVERY TUBE FOR IRRIGATION AND FERTILIZATION SYSTEM AND METHOD FOR MANUFACTURING SAME**
[54] **TUBE D'APPORT POUR SYSTEME D'IRRIGATION ET DE FERTILISATION ET PROCEDE POUR LE FABRIQUER**
[72] GOULD, JANICE K., US
[72] CONKLIN, DAVID A., US
[73] RESPONSIVE DRIP IRRIGATION, LLC, US
[85] 2016-02-09
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[54] **HEATED ROTARY VALVE FOR CHROMATOGRAPHY**
[54] **SOUPAPE ROTATIVE CHAUFFEE POUR LA CHROMATOGRAPHIE**
[72] STEARNS, STANLEY D., US
[72] BRISBIN, MARTIN PAUL, US
[72] MILLER, DAVID, US
[73] VALCO INSTRUMENTS COMPANY, L.P., US
[85] 2016-02-09
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[54] **MODIFIED LIQUID DIENE-BASED RUBBER AND PRODUCTION PROCESS FOR THE SAME**
[54] **CAOUTCHOUC DIENE LIQUIDE MODIFIE ET PROCEDE DE PRODUCTION DUDIT CAOUTCHOUC**
[72] MOTODA, SATOSHI, JP
[72] HIRATA, KEI, JP
[73] KURARAY CO., LTD., JP
[85] 2016-02-10
[86] 2014-11-27 (PCT/JP2014/081367)
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[54] **NANOPARTICLE AND GELATION STABILIZED FUNCTIONAL COMPOSITES OF AN IONIC SALT IN A HYDROPHOBIC POLYMER MATRIX**
[54] **NANOPARTICULE ET COMPOSITES FONCTIONNELS A GELIFICATION STABILISEE D'UN SEL IONIQUE DANS UNE MATRICE DE POLYMERES HYDROPHOBES**
[72] KIZILEL, SEDA, TR
[72] KIZILEL, RIZA, TR
[72] DEMIREL, ADEM LEVEND, TR
[72] KANYAS, SELIN, TR
[72] AYDIN, DERYA, TR
[72] CANIAZ, RAMAZAN OGUZ, TR
[73] KOC UNIVERSITESI, TR
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[25] EN
[54] **HYBRID SPLIT CYCLE INTERNAL COMBUSTION ENGINE**
[54] **MOTEUR A COMBUSTION INTERNE A CYCLE FRACTIONNEE HYBRIDE**
[72] MARGALLO, ERNESTO, CA
[71] MARGALLO, ERNESTO, CA
[22] 2015-02-27
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[51] **Int.Cl. F24J 2/00 (2014.01) F03G 6/06 (2006.01) F24J 2/04 (2006.01) F24J 2/07 (2006.01) F24J 2/18 (2006.01)**
[25] EN
[54] **SOLAR POWER-GENERATION SYSTEM**
[54] **SYSTEME DE GENERATION D'ENERGIE SOLAIRE**
[72] LABELLE, STEPHANE, CA
[71] LABELLE, STEPHANE, CA
[22] 2015-02-25
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[21] **2,882,486**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **A HIERARCHICAL WORKSPACE SYSTEM FOR COLLABORATION AND REVENUE DISTRIBUTION, IN SERVICING REQUESTS ON A COMPUTING PLATFORM**
[54] **UN SYSTEME D'ESPACE DE TRAVAIL HIERARCHIQUE DESTINE A LA COLLABORATION ET LA DISTRIBUTION DU REVENU VISANT A REPOINDRE AUX DEMANDES SUR UNE PLATEFORME INFORMATIQUE**
[72] SIMON, KEMP I., CA
[71] SIMON, KEMP I., CA
[22] 2015-02-23
[41] 2016-08-23

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[54] **CMV CHAMBER**
[54] **CHAMBRE VMC**
[72] HODAK, RYAN, CA
[72] KIRK, RUDE, CA
[71] KRUDE INNOVATIONS LTD, CA
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[54] **YARD WASTE BAG HOLDER**
[54] **SUPPORT DE SAC DE RAMASSAGE DE DECHETS**
[72] MCCAFFREY, GEORGE T., CA
[71] MCCAFFREY, GEORGE T., CA
[22] 2015-02-23
[41] 2016-08-23

[21] **2,882,828**
[13] A1
[51] **Int.Cl. A47K 5/12 (2006.01) B67D 7/02 (2010.01) B65D 47/34 (2006.01) F04B 9/14 (2006.01)**
[25] EN
[54] **LIQUID DISPENSER WITH REMOVABLE MOBILE DISPENSER**
[54] **DISTRIBUTEUR DE LIQUIDE DOTE D'UN DISTRIBUTEUR MOBILE AMOVIBLE**
[72] OPHARDT, HEINER, CH
[72] DUNCAN, DAVID R., CA
[71] OP-HYGIENE IP GMBH, CH
[22] 2015-02-24
[41] 2016-08-24

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[13] A1
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[25] EN
[54] **SERRATED SHAFT-ENGAGING SURFACE FOR SHRINK DIC**
[54] **SURFACE D'ENGAGEMENT DE TIGE DENTELEE DESTINEE A UN DISQUE DE REDUCTION**
[72] BACIU, CORNEL, CA
[72] SECORD, DOUGLAS CECIL, CA
[71] FOREMOST INDUSTRIES INC., CA
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[25] EN

[54] **FACILITATING GENERATION OF AUTONOMOUS CONTROL INFORMATION**

[54] **FACILITATION DE LA GENERATION D'INFORMATION DE CONTROLE AUTONOME**

[72] GILDERT, SUZANNE, CA

[72] ROSE, GEORGE SAMUEL, CA

[72] TAYLOR, GRAHAM WILLIAM, CA

[72] BERGSTRA, JAMES, CA

[71] SULFUR HERON COGNITIVE SYSTEMS INC., CA

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[54] **MECHANICAL FORCE ENGINE**

[54] **MOTEUR A FORCE MECANIQUE**

[71] SMITH, PAUL G., CA

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[13] A1

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[25] EN

[54] **VERTICALLY INTEGRATED INDUSTRIAL SCALE MULTILEVEL CLOSED ECOSYSTEM GREENHOUSE**

[54] **SERRE MULTIETAGE A ECOSYSTEME FERME DESTINEE A LA PRODUCTION INDUSTRIELLE INTEGREE VERTICALEMENT**

[72] BEAULIEU, GASTON, CA

[71] BEAULIEU, GASTON, CA

[22] 2015-02-24

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[13] A1

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[54] **BODY WITH ENCLOSED LIGHTS**

[54] **CORPS MUNI DE LUMIERES ENCASTREES**

[72] MOITA, JOSE M., CA

[71] MOITA, JOSE M., CA

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[25] EN

[54] **GOLFSTR8NOW**

[54] **GOLFSTR8NOW**

[72] KOPIJ, BOHDAN, CA

[71] GOLF STR8 NOW, CA

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[25] EN

[54] **CLAMPED BEAM CUTTING TOOL**

[54] **OUTIL A PINCEMENT DESTINE A LA COUPE DE MONTANT**

[72] SHAW, DARWIN P., CA

[72] BEAUREGUARD, NOEL, CA

[71] SHAW, DARWIN P., CA

[71] BEAUREGUARD, NOEL, CA

[22] 2015-02-24

[41] 2016-08-24

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[25] EN

[54] **AN APPARATUS DEVICE TO AID IN EARLY PATIENT MOBILITY**

[54] **UN DISPOSITIF FONCTIONNEL SERVANT A AIDER LA MOBILITE DES PATIENTS**

[72] STALLARD, JEFFREE H., CA

[72] STALLARD, HOWARD W., CA

[72] LATI, JAMIL, CA

[71] STALLARD, JEFFREE H., CA

[71] STALLARD, HOWARD W., CA

[71] LATI, JAMIL, CA

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[21] **2,883,028**
[13] A1

[51] **Int.Cl. B23Q 11/08 (2006.01) B25H 1/00 (2006.01) B25H 1/14 (2006.01)**

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[54] **ADJUSTABLE TEMPO**

[54] **TEMPO AJUSTABLE**

[72] BERIAULT, JEAN SEBASTIEN J. S. B., CA

[71] BERIAULT, JEAN SEBASTIEN J. S. B., CA

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[25] EN

[54] **METHOD AND SYSTEM FOR SECURELY UPDATING A WEBSITE**

[54] **METHODE ET SYSTEME DE MISE A JOUR SECURITAIRE D'UN SITE WEB**

[72] JOHNSTON, KEVIN, CA

[71] JOHNSTON, KEVIN, CA

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[25] EN

[54] **CONTINUOUS FLOW MICROFLUIDIC SYSTEM**

[54] **SYSTEME MICROFLUIDIQUE A ECOULEMENT CONTINU**

[72] RAMSAY, EUAN, CA

[72] TAYLOR, JAMES R., CA

[72] WALSH, COLIN, US

[72] LEAVER, TIMOTHY, CA

[72] WILD, ANDRE, CA

[72] OU, KEVIN, CA

[71] RAMSAY, EUAN, CA

[71] TAYLOR, JAMES R., CA

[71] WALSH, COLIN, US

[71] LEAVER, TIMOTHY, CA

[71] WILD, ANDRE, CA

[71] OU, KEVIN, CA

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[25] EN

[54] **HEAT EXCHANGE SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE D'ECHANGE DE CHALEUR**

[72] LACH, RAYMOND, CA

[71] MAXI-THERME INC., CA

[22] 2015-02-24

[41] 2016-08-24

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 [13] A1

[51] **Int.Cl. H01P 1/15 (2006.01) H05K 10/00 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR AN INTELLIGENT RF REDUNDANCY SWITCH**

[54] **APPAREIL ET METHODE DESTINES A UN COMMUTATEUR DE REDONDANCE RF INTELLIGENT**

[72] HAMILTON, KENDRICK, CA

[72] HAMER, SEANN, CA

[72] WASKOWIC, PETER, CA

[71] SED SYSTEMS, A DIVISION OF CALIAN LTD., CA

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[51] **Int.Cl. H04L 27/36 (2006.01) H04B 1/04 (2006.01) H04B 7/185 (2006.01)**

[25] EN

[54] **DIRECT DIGITAL SYNTHESIS OF L-BAND SATELLITE SIGNALS**

[54] **SYNTHESE NUMERIQUE DIRECTE DE SIGNAUX SATELLITES DE BANDE L**

[72] ARMSTRONG, DAVID, CA

[72] HAMILTON, KENDRICK, CA

[72] HAMER, SEANN, CA

[71] SED SYSTEMS, A DIVISION OF CALIAN LTD., CA

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 [13] A1

[51] **Int.Cl. H04B 1/04 (2006.01) H04B 7/185 (2006.01)**

[25] EN

[54] **MULTICHANNEL BROADCAST SATELLITE MODULATOR**

[54] **MODULEUR DE SATELLITE DE TELEDIFFUSION MULTICANAL**

[72] ARMSTRONG, DAVID, CA

[72] HAMILTON, KENDRICK, CA

[72] HAMER, SEANN, CA

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[51] **Int.Cl. E05C 17/02 (2006.01) E05B 55/00 (2006.01) E05C 17/44 (2006.01) E05C 17/46 (2006.01)**

[25] EN

[54] **LOCKING POST WITH AN ADJUSTABLE LOCK ROD**

[54] **MONTANT DE BLOCAGE DOTE D'UNE TIGE DE BLOCAGE REGLABLE**

[72] SVENSON, MIKE, CA

[72] SVENSON, JULIAN MICHAEL, CA

[71] SVENSON, JULIAN MICHAEL, CA

[22] 2015-02-23

[41] 2016-08-23

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[51] **Int.Cl. H04B 7/185 (2006.01) H04B 1/40 (2015.01) H04J 1/00 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR IMPROVING SPECTRUM UTILIZATION FOR SATELLITE COMMUNICATIONS**

[54] **METHODES ET SYSTEMES D'AMELIORATION DE L'UTILISATION DU SPECTRE DESTINES AUX COMMUNICATIONS PAR SATELLITE**

[72] TONG, ROGER SHUN HONG, HK

[72] VONG, FRED CHUN YIN, HK

[72] HU, HAI, HK

[72] LEUNG, HARRY YIN CHUNG, HK

[71] ASIA SATELLITE TELECOMMUNICATIONS COMPANY LIMITED, HK

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[25] EN

[54] **CONDUCTIVE LIQUID POLYMER FOR USE IN MAKING TOUCH-SENSITIVE COMPATIBLE GLOVES**

[54] **POLYMERES LIQUIDE CONDUCTEUR DESTINE A LA FABRICATION DE GANTS COMPATIBLES AVEC LES PRODUITS TACTILES**

[72] YU, TONY T., CA
[71] YU, TONY T., CA
[22] 2015-02-27
[41] 2016-08-27

[21] **2,883,283**
[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/00 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR OPTIMIZING WELL PRODUCTION**

[54] **PROCEDE ET SYSTEME D'OPTIMISATION DE LA PRODUCTION D'UN PUIT**

[72] FARSHORI, FARHAN, CA
[72] OBREJANU, MARCEL, CA
[71] FLUICA INC., CA
[22] 2015-02-27
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[21] **2,883,284**
[13] A1

[51] **Int.Cl. F16L 1/10 (2006.01) B23P 19/04 (2006.01) B25B 11/00 (2006.01) F16L 55/07 (2006.01)**

[25] EN

[54] **SUPPORT FOR CONNECTING OR REMOVING A VALVE OR FITTING FROM A FLANGE**

[54] **SUPPORT DE CONNEXION OU D'EXTRACTION D'UNE SOUPEPE OU D'UN RACCORD D'UNE BRIDE**

[72] COURTENAY, JAMES, CA
[71] COURTENAY EXPLORATION INC., CA
[22] 2015-02-27
[41] 2016-08-27

[21] **2,883,286**
[13] A1

[51] **Int.Cl. F02M 43/00 (2006.01) F02D 19/06 (2006.01) F02D 41/30 (2006.01) F02M 43/04 (2006.01) F02M 61/04 (2006.01)**

[25] EN

[54] **FUEL INJECTOR**

[54] **INJECTEUR DE CARBURANT**

[72] HUANG, JIAN, CA
[72] HILL PHILIP, CA
[71] WESTPORT POWER INC., CA
[22] 2015-02-27
[41] 2016-08-27

[21] **2,883,300**
[13] A1

[51] **Int.Cl. A01G 13/00 (2006.01) C08L 75/04 (2006.01)**

[25] EN

[54] **TREE HUGGER**

[54] **MANCHON PROTECTEUR TREE HUGGER**

[72] CLARK, HELENA M., CA
[71] CLARK, HELENA M., CA
[22] 2015-02-27
[41] 2016-08-27

[21] **2,883,337**
[13] A1

[51] **Int.Cl. A01D 46/00 (2006.01)**

[25] EN

[54] **A METHOD FOR HARVESTING A BLUEBERRY FIELD**

[54] **UNE METHODE DE RECOLTE DESTINEE A UNE BLEUETIERE**

[72] PAULIN, DANIEL, CA
[72] PAULIN, ERIC, CA
[71] PAULIN, DANIEL, CA
[71] PAULIN, ERIC, CA
[22] 2015-02-27
[41] 2016-08-27

[21] **2,883,423**
[13] A1

[51] **Int.Cl. E04H 7/22 (2006.01)**

[25] EN

[54] **PORTABLE SILO ASSEMBLY**

[54] **ENSEMBLE DE SILO PORTATIF**

[72] KRUPA, DARYL A., CA
[71] KRUPA, DARYL A., CA
[22] 2015-02-27
[41] 2016-08-27

[21] **2,883,425**
[13] A1

[51] **Int.Cl. A01B 33/00 (2006.01)**

[25] EN

[54] **TILLAGE IMPLEMENT**

[54] **ACCESSOIRE ARATOIRE**

[72] REDEKOP, JOHAN, CA
[71] REDEKOP, JOHAN, CA
[22] 2015-02-27
[41] 2016-08-27

[21] **2,883,446**
[13] A1

[51] **Int.Cl. B26B 21/08 (2006.01) B26B 21/22 (2006.01) B26B 21/52 (2006.01)**

[25] EN

[54] **A RAZOR ASSEMBLY**

[54] **UN ENSEMBLE DE RASOIR**

[72] YUSUF, SHAFFEEK ALLEEM, CA
[71] ALEEM & COMPANY INC., CA
[22] 2015-02-27
[41] 2016-08-27

[21] **2,883,460**
[13] A1

[51] **Int.Cl. G01F 19/00 (2006.01) B21D 51/18 (2006.01)**

[25] EN

[54] **VOLUMETRIC MEASUREMENT VESSEL WITH SLOPED SADDLE-SHAPED BOTTOM WALL FOR OUTLET VORTEX PREVENTION**

[54] **RECIPIENT DE MESURE VOLUMETRIQUE DOTE D'UNE PAROI DE FOND EN FORME DE SELLE INCLINEE DESTINE A PREVENIR LE TOURBILLON A LA SORTIE**

[72] BEATTIE, DENNIS A., CA
[72] WALDNER, DARRELL D., CA
[71] MILLTOWN METAL SHOP LTD., CA
[22] 2015-02-27
[41] 2016-08-27

[21] **2,883,555**
[13] A1

[51] **Int.Cl. D06F 58/10 (2006.01)**

[25] EN

[54] **RUMPLE-FREE CLOTHE DRYER**

[54] **SECHEUSE SANS LACET**

[72] DODLA, JOHN EDWIN, CA
[71] DODLA, JOHN EDWIN, CA
[22] 2015-02-25
[41] 2016-08-25

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[21] **2,883,589**
 [13] A1

[51] **Int.Cl. B65B 5/08 (2006.01) A61J 1/03 (2006.01) A61J 7/04 (2006.01)**

[25] EN

[54] **SYSTEM FOR LOADING ITEMS INTO A CONTAINER-DEFINING SHEET**

[54] **MECANISME DE CHARGEMENT D'ARTICLES DANS UNE PELLICULE FORMANT UN CONTENANT**

[72] BOUTHLETTE, ETIENNE, CA

[71] 9155-0020 QUEBEC INC., CA

[22] 2015-02-27

[41] 2016-08-27

[21] **2,883,645**
 [13] A1

[51] **Int.Cl. F24D 15/04 (2006.01) F24F 5/00 (2006.01) F24F 12/00 (2006.01) F24H 4/02 (2006.01)**

[25] EN

[54] **AIR CONDITIONING DEVICE AND METHOD**

[54] **APPAREIL DE CONDITIONNEMENT DE L'AIR ET METHODE**

[72] LEE, TE-SHOU, CA

[71] CANADA YUNG FENG TECHNOLOGY INC., CA

[22] 2015-02-24

[41] 2016-08-24

[21] **2,883,761**
 [13] A1

[51] **Int.Cl. B67B 7/18 (2006.01) A47J 43/28 (2006.01) B67B 7/14 (2006.01)**

[25] FR

[54] **CROC GRIP**

[54] **CROCRO GRIP**

[72] UNKNOWN, ZZ

[71] MASSE, CLAUDE, CA

[22] 2015-02-25

[41] 2016-08-25

[21] **2,884,113**
 [13] A1

[51] **Int.Cl. B60W 40/00 (2006.01) B61C 17/00 (2006.01)**

[25] EN

[54] **CUMULATIVE INERTIAL TRACTIVE EFFORT**

[54] **EFFORT DE TRACTION INERTIELLE CUMULATIVE**

[72] OLDKNOW, KEVIN DAVID, CA

[72] KENNEDY, WAYNE A., US

[72] PETERS, JOHN M., US

[72] NEDUNOORI, SRINI, US

[72] KADAM, DIVYA, US

[71] L.B. FOSTER RAIL TECHNOLOGIES, CORP., CA

[71] UNION PACIFIC RAILROAD, US

[22] 2015-03-05

[41] 2016-08-27

[30] US (14/633,795) 2015-02-27

[21] **2,885,084**
 [13] A1

[51] **Int.Cl. H04W 4/00 (2009.01) H04W 84/10 (2009.01) G09F 9/30 (2006.01)**

[25] EN

[54] **REMOTELY CONNECTED DIGITAL MESSAGEBOARD SYSTEM AND METHOD**

[54] **SYSTEME ET METHODE DE TABLEAU D'AFFICHAGE NUMERIQUE RELIE A DISTANCE**

[72] MCGIE, PETER, CA

[71] MCGIE, PETER, CA

[22] 2015-03-16

[41] 2016-08-24

[30] US (14/630,615) 2015-02-24

[21] **2,885,644**
 [13] A1

[51] **Int.Cl. F24C 15/20 (2006.01) F24C 15/12 (2006.01) F24C 15/28 (2006.01)**

[25] EN

[54] **REMOVABLE ENCLOSURE FOR RANGE TOPS**

[54] **ENCEINTE AMOVIBLE POUR PLAQUES DE CUISSON**

[72] DUONG, VU Q., CA

[71] DUONG, VU Q., CA

[22] 2015-03-19

[41] 2016-08-23

[30] US (62/119,300) 2015-02-23

[21] **2,886,387**
 [13] A1

[51] **Int.Cl. E21B 33/129 (2006.01) E21B 33/134 (2006.01)**

[25] EN

[54] **SLIP CONFIGURATION FOR DOWNHOLE TOOL**

[54] **CONFIGURATION D'ENVELOPPE POUR OUTIL DE FOND DE TROU**

[72] GOODMAN, BRANDON C., US

[72] SESSA, MICHAEL J., US

[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC., US

[22] 2015-03-25

[41] 2016-08-25

[30] US (14/631,424) 2015-02-25

[21] **2,888,048**
 [13] A1

[51] **Int.Cl. B26D 3/11 (2006.01)**

[25] EN

[54] **FOOD SLICING APPARATUS**

[54] **APPAREIL TRANCHEUR D'ALIMENT**

[72] LEVINE, STEPHEN, US

[72] MAFFUCCI, ALISSANDRA, US

[71] LEVINE, STEPHEN, US

[71] MAFFUCCI, ALISSANDRA, US

[22] 2015-04-14

[41] 2016-08-27

[30] US (14/634,375) 2015-02-27

[21] **2,888,890**
 [13] A1

[51] **Int.Cl. A24F 19/14 (2006.01) A24F 19/00 (2006.01)**

[25] EN

[54] **DISPOSABLE AND PORTABLE ASH TRAY**

[54] **CENDRIER JETABLE ET PORTATIF**

[72] BOSE, SUSHANT K., CA

[71] BOSE, SUSHANT K., CA

[22] 2015-04-21

[41] 2016-08-27

[30] US (62/121,681) 2015-02-27

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[21] **2,889,353**
[13] A1

[51] **Int.Cl. G01M 11/00 (2006.01) E21D 9/00 (2006.01) G01C 22/00 (2006.01)**
[25] EN
[54] **UNDERGROUND STRUCTURE INSPECTION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'INSPECTION DE STRUCTURE SOUTERRAINE**
[72] SMITH, WAYNE, CA
[72] HOPKINS, SEAN, CA
[71] ALAN AULD ENGINEERING LIMITED, GB
[22] 2015-04-27
[41] 2016-08-26
[30] EP (15156804.5) 2015-02-26

[21] **2,891,451**
[13] A1

[51] **Int.Cl. E02D 33/00 (2006.01) G01N 3/10 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TESTING HELICAL PILES**
[54] **METHODE ET EQUIPEMENT DE TEST DE PIEUX HELICOIDiaux**
[72] DINH, DUC, VN
[72] DINH, BIEN, VN
[71] ALMITA PILING INC., CA
[22] 2015-05-11
[41] 2016-08-27
[30] US (62/126,252) 2015-02-27

[21] **2,892,986**
[13] A1

[51] **Int.Cl. B32B 37/04 (2006.01) B23P 15/02 (2006.01) B32B 15/01 (2006.01) F01D 5/28 (2006.01) C22C 19/05 (2006.01) C22C 19/07 (2006.01) C23C 26/00 (2006.01)**
[25] EN
[54] **IMPARTING HIGH-TEMPERATURE WEAR RESISTANCE TO TURBINE BLADE Z-NOTCHES**
[54] **ACQUISITION DE RESISTANCE A L'USURE HAUTE TEMPERATURE DESTINEE AUX COCHES EN Z DE PALE DE TURBINE**
[72] DAWSON, JOEL T., US
[72] DE WET, DANIEL J., US
[72] ZHENG, QINGJUN, US
[71] KENNAMETAL INC., US
[22] 2015-05-28
[41] 2016-08-23
[30] US (14/628,912) 2015-02-23

[21] **2,895,054**
[13] A1

[51] **Int.Cl. C08L 101/12 (2006.01) C08K 3/16 (2006.01) C08K 3/34 (2006.01) C08L 65/00 (2006.01) C08L 79/02 (2006.01) C08L 79/04 (2006.01) C23C 22/34 (2006.01)**
[25] EN
[54] **CHROMIUM-FREE CONVERSION COATING**
[54] **REVETEMENT DE CONVERSION SANS CHROME**
[72] LAPENA REY, NIEVES, US
[72] SANTA COLOMA MOZO, PATRICIA, US
[72] IZAGIRRE ETXEBERRIA, USOA, US
[72] ZUBILLAGA ALCORTA, OIHANA, US
[72] CANO IRANZO, FRANCISCO J., US
[71] THE BOEING COMPANY, US
[22] 2015-06-17
[41] 2016-08-23
[30] US (14/628,756) 2015-02-23

[21] **2,911,792**
[13] A1

[51] **Int.Cl. F16L 55/00 (2006.01) F16L 3/00 (2006.01)**
[25] EN
[54] **SUPPORT FOR CONNECTING OR REMOVING A VALVE OR FITTING FROM A FLANGE**
[54] **SUPPORT DE CONNEXION OU D'EXTRACTION D'UNE SOUPAPE OU D'UN RACCORD D'UNE BRIDE**
[72] COURTENAY, JAMES, CA
[71] COURTENAY EXPLORATION INC., CA
[22] 2015-11-12
[41] 2016-08-27
[30] CA (2,883,284) 2015-02-27

[21] **2,912,965**
[13] A1

[51] **Int.Cl. B64C 13/00 (2006.01) B64C 3/50 (2006.01) B64C 9/00 (2006.01)**
[25] EN
[54] **SHOCK ABSORBER ASSEMBLY FOR POWER DRIVE UNIT OF A VEHICLE**
[54] **DISPOSITIF D'AMORTISSEUR DESTINE AU MODULE DE COMMANDE MECANIQUE D'UN VEHICULE**
[72] JONES, KELLY THOMAS, US
[71] THE BOEING COMPANY, US
[22] 2015-11-23
[41] 2016-08-24
[30] US (14/630,226) 2015-02-24

[21] **2,914,996**
[13] A1

[51] **Int.Cl. B29D 11/00 (2006.01) G02B 3/00 (2006.01) G02C 7/02 (2006.01)**
[25] EN
[54] **SIMULTANEOUS TURNING DEVICE FOR FABRICATION OF EYEGLASS LENSES**
[54] **DISPOSITIF A PIVOTEMENT SIMULTANE DESTINE A LA FABRICATION DE LENTILLES POUR VERRES CORRECTEURS**
[72] MANDLER, ROLAND, DE
[71] OPTO TECH OPTIKMASCHINEN GMBH, DE
[22] 2015-12-10
[41] 2016-08-27
[30] DE (10 2015 102 900.6) 2015-02-27

[21] **2,915,680**
[13] A1

[51] **Int.Cl. H04L 12/931 (2013.01) H04J 14/02 (2006.01) H04Q 11/00 (2006.01)**
[25] EN
[54] **MULTIPLE PETABITS-PER-SECOND SWITCHING SYSTEM EMPLOYING LATENT SWITCHES**
[54] **SYSTEME DE COMMUTATION MULTI PETABITS/S EMPLOYANT DES COMMUTATEURS LATENTS**
[72] BESHAI, MAGED E., CA
[71] BESHAI, MAGED E., CA
[22] 2015-12-17
[41] 2016-08-26
[30] US (14/633,023) 2015-02-26

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[21] **2,916,211**
 [13] A1

[51] **Int.Cl. B24B 13/00 (2006.01) B24B 47/00 (2006.01)**

[25] EN

[54] **MILLING DEVICE FOR OPTICAL LENS PRODUCTION WITH TWO MILLING STATIONS**

[54] **DISPOSITIF D'USINAGE DESTINE A LA PRODUCTION DE VERRE OPTIQUE COMPORTANT DEUX STATIONS D'USINAGE**

[72] MANDLER, ROLAND, DE

[71] OPTOTECH OPTIKMASCHINEN GMBH, DE

[22] 2015-12-23

[41] 2016-08-27

[30] DE (10 2015 102 899.9) 2015-02-27

[21] **2,918,110**
 [13] A1

[51] **Int.Cl. B32B 33/00 (2006.01) B32B 37/00 (2006.01) C09J 7/02 (2006.01)**

[25] EN

[54] **FIRE-RESISTANT, GAS PERMEABLE DECORATIVE LAMINATE**

[54] **STRATIFIE DECORATIF PERMEABLE AU GAZ, RESISTANT AU FEU**

[72] WILDE, JOHN C., US

[72] BROWN, THOMAS L., JR., US

[72] DREXLER, JASON W., US

[71] THE BOEING COMPANY, US

[22] 2016-01-18

[41] 2016-08-27

[30] US (14/633,276) 2015-02-27

[21] **2,918,536**
 [13] A1

[51] **Int.Cl. A61B 17/072 (2006.01) A61B 17/068 (2006.01)**

[25] EN

[54] **DOUBLE FIRE STAPLING**

[54] **AGRAFAGE A DOUBLE DECLENCHEMENT**

[72] SADOWSKI, MAGDA, US

[72] KOSTRZEWSKI, STANISLAW, US

[71] COVIDIEN LP, US

[22] 2016-01-21

[41] 2016-08-23

[30] US (62/119,354) 2015-02-23

[30] US (14/927,675) 2015-10-30

[21] **2,917,353**
 [13] A1

[51] **Int.Cl. E04B 2/30 (2006.01) E04B 2/44 (2006.01)**

[25] EN

[54] **THERMAL VENEER TIE AND ANCHORING SYSTEM**

[54] **SYSTEME D'ATTACHE DE CONTREPLAQUE ET D'ANCRAGE THERMIQUE**

[72] HOHMANN, RONALD P., JR., US

[71] MITEK HOLDINGS, INC., US

[22] 2016-01-12

[41] 2016-08-23

[30] US (14/628,819) 2015-02-23

[21] **2,918,205**
 [13] A1

[51] **Int.Cl. B07B 1/46 (2006.01)**

[25] EN

[54] **VIBRATING SCREEN FOR AN INLET HOPPER OF A CONVEYOR**

[54] **TAMIS A VIBRATION DESTINE A UNE TREMIE D'ENTREE D'UNE BANDE DE TRANSPORT**

[72] NAGEL, CONRAD LEON, CA

[71] NAGEL, CONRAD LEON, CA

[22] 2016-01-19

[41] 2016-08-23

[30] US (62/119,457) 2015-02-23

[21] **2,918,634**
 [13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/072 (2006.01)**

[25] EN

[54] **SURGICAL APPARATUS**

[54] **APPAREIL CHIRURGICAL**

[72] CAPPOLA, KENNETH, US

[72] MAFFEI, FRANK, US

[72] OLSON, LEE ANN, US

[71] COVIDIEN LP, US

[22] 2016-01-22

[41] 2016-08-26

[30] US (62/121,049) 2015-02-26

[30] US (14/811,938) 2015-07-29

[21] **2,917,705**
 [13] A1

[51] **Int.Cl. B64F 1/32 (2006.01) B64F 1/36 (2006.01) B65G 43/08 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR AUTOMATED LUGGAGE SECURITY INSPECTION**

[54] **METHODE ET SYSTEME D'INSPECTION DE SECURITE AUTOMATISEE DESTINES AUX BAGAGES**

[72] ALDERMAN, TODD, US

[72] FLEMING, MICHAEL, US

[72] MURPHY, CHRISTOPHER, US

[71] JERVIS B. WEBB COMPANY, US

[22] 2015-10-13

[41] 2016-08-25

[30] US (62/120,473) 2015-02-25

[30] US (14/881,537) 2015-10-13

[21] **2,918,467**
 [13] A1

[51] **Int.Cl. B01D 45/18 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR REMOVING PARTICULATE MATTER FROM EXHAUST GAS STREAMS**

[54] **SYSTEMES ET METHODES D'EXTRACTION DE LA MATIERE PARTICULAIRE DES FLUX DE GAZ D'ECHAPPEMENT**

[72] MUKHERJI, PARTHOSAROTHY K., IN

[71] SIDEL SYSTEMS USA INC., US

[22] 2016-01-21

[41] 2016-08-26

[30] US (14/633,001) 2015-02-26

[21] **2,918,635**
 [13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/072 (2006.01)**

[25] EN

[54] **SURGICAL APPARATUS**

[54] **APPAREIL CHIRURGICAL**

[72] CAPPOLA, KENNETH, US

[72] OLSON, LEE ANN, US

[72] MAFFEI, FRANK, US

[71] COVIDIEN LP, US

[22] 2016-01-22

[41] 2016-08-26

[30] US (62/121,049) 2015-02-26

[30] US (14/812,143) 2015-07-29

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[21] **2,918,783**
[13] A1

[51] **Int.Cl. H01K 1/32 (2006.01) H01K 9/08 (2006.01)**
[25] EN
[54] **PARTIALLY COATED VEHICLE LAMP CAPSULE**
[54] **CAPSULE DE LAMPE DE VEHICULE RECOUVERTE PARTIELLEMENT**
[72] RICE, LAWRENCE M., US
[72] SWEET, ROBIN A., US
[72] HOLLAND, RICHARD, US
[71] OSRAM SYLVANIA INC., US
[22] 2016-01-25
[41] 2016-08-27
[30] US (14/633,390) 2015-02-27

[21] **2,919,649**
[13] A1

[51] **Int.Cl. E21B 7/18 (2006.01) E21B 7/04 (2006.01) E21B 7/08 (2006.01)**
[25] EN
[54] **DOWNHOLE HYDRAULIC JETTING ASSEMBLY**
[54] **MECANISME DE LANCAGE DE JETS HYDRAULIQUES EN FOND DE TROU**
[72] RANDALL, BRUCE L., US
[71] COILED TUBING SPECIALTIES, LLC, US
[22] 2016-02-02
[41] 2016-08-24
[30] US (62/198,575) 2015-07-29
[30] US (62/120,212) 2015-02-24
[30] US (15/009,572) 2016-01-28

[21] **2,919,665**
[13] A1

[51] **Int.Cl. E21B 23/00 (2006.01) E21B 19/22 (2006.01)**
[25] EN
[54] **INTERNAL TRACTOR SYSTEM FOR DOWNHOLE TUBULAR BODY**
[54] **MECANISME DE TRACTEUR INTERNE DESTINE A UN CORPS TUBULAIRE DE FOND DE TROU**
[72] RANDALL, BRUCE L., US
[71] COILED TUBING SPECIALTIES, LLC, US
[22] 2016-02-02
[41] 2016-08-24
[30] US (62/198,575) 2015-07-29
[30] US (62/120,212) 2015-02-24
[30] US (15/009,479) 2016-01-28

[21] **2,919,666**
[13] A1

[51] **Int.Cl. E21B 7/18 (2006.01) E21B 7/06 (2006.01) E21B 43/11 (2006.01) E21B 43/26 (2006.01) E21B 47/04 (2012.01) E21B 47/12 (2012.01)**
[25] EN
[54] **METHOD OF FORMING LATERAL BOREHOLES**
[54] **METHODE DE FORMAGE DE TROUS DE FORAGE LATERAUX**
[72] RANDALL, BRUCE L., US
[71] COILED TUBING SPECIALTIES, LLC, US
[22] 2016-02-02
[41] 2016-08-24
[30] US (62/198,575) 2015-07-29
[30] US (62/120,212) 2015-02-24
[30] US (15/009,623) 2016-01-28

[21] **2,919,674**
[13] A1

[51] **Int.Cl. E21B 7/18 (2006.01)**
[25] EN
[54] **STEERABLE HYDRAULIC JETTING NOZZLE, AND GUIDANCE SYSTEM FOR DOWNHOLE BORING DEVICE**
[54] **BUSE DE LANCAGE DE JET HYDRAULIQUE ORIENTABLE ET MECANISME D-ORIENTATION DESTINE AU FORAGE DE FOND DE TROU**
[72] RANDALL, BRUCE L., US
[71] COILED TUBING SPECIALTIES, LLC, US
[22] 2016-02-02
[41] 2016-08-24
[30] US (62/198,575) 2015-07-29
[30] US (62/120,212) 2015-02-24
[30] US (15/010,650) 2016-01-29

[21] **2,919,696**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 50/18 (2012.01) G06F 17/40 (2006.01)**
[25] EN
[54] **LEGAL DISCOVERY TOOL**
[54] **OUTIL DE DECOUVERTE LEGALE**
[72] GREETHAM, DAVID, US
[71] RICOH COMPANY, LTD., JP
[22] 2016-02-02
[41] 2016-08-27
[30] US (14/634,475) 2015-02-27

[21] **2,919,800**
[13] A1

[51] **Int.Cl. G05D 23/19 (2006.01) H04W 52/02 (2009.01) F24F 11/02 (2006.01)**
[25] EN
[54] **STAGING CLIMATE CONTROL SYSTEM CONTROLLER FUNCTIONS BASED ON AVAILABLE POWER**
[54] **ETABLISSEMENT DE FONCTIONS DE CONTROLEUR DE SYSTEME DE CONTROLE DU CLIMAT FONDE SUR L~ALIMENTATION DISPONIBLE**
[72] VOGEL, G. SCOTT, US
[72] SIRAVURI, RISHI, US
[71] EMERSON ELECTRIC CO., US
[22] 2016-02-03
[41] 2016-08-27
[30] US (14/634,283) 2015-02-27

[21] **2,919,931**
[13] A1

[51] **Int.Cl. A61N 1/08 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **DEVICE FOR THE APPLICATION OF A TRANSCUTANEOUS ELECTRIC STIMULATION STIMULUS**
[54] **DISPOSITIF D'APPLICATION D'UN STIMULUS DE STIMULATION ELECTRIQUE TRANSCUTANEE**
[72] ZSCHAECK, THOMAS, DE
[72] HARTLEP, ANDREAS, DE
[71] CERBOMED GMBH, DE
[22] 2016-02-02
[41] 2016-08-27
[30] DE (10 2015 002 589.9) 2015-02-27

[21] **2,919,933**
[13] A1

[51] **Int.Cl. G01D 1/10 (2006.01) G01S 19/42 (2010.01) G01S 5/02 (2010.01)**
[25] EN
[54] **MONITORING AN ENVIRONMENT**
[54] **SURVEILLANCE D'UN ENVIRONNEMENT**
[72] HUNTER, GRAHAM, GB
[71] 3D LASER MAPPING LIMITED, GB
[22] 2016-02-02
[41] 2016-08-27
[30] GB (1503300.4) 2015-02-27

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[21] **2,919,940**
[13] A1

[51] **Int.Cl. A47K 5/12 (2006.01) B67D 7/02 (2010.01) B65D 47/34 (2006.01) F04B 9/14 (2006.01)**

[25] EN

[54] **LIQUID DISPENSER WITH REMOVABLE MOBILE DISPENSER**

[54] **DISTRIBUTEUR DE LIQUIDE DOTE D'UN DISTRIBUTEUR MOBILE AMOVIBLE**

[72] OPHARDT, HEINER, CH

[72] DUNCAN, DAVID R., CA

[71] OP-HYGIENE IP GMBH, CH

[22] 2016-02-04

[41] 2016-08-24

[30] CA (2,882,828) 2015-02-24

[21] **2,920,093**
[13] A1

[51] **Int.Cl. B65D 88/12 (2006.01)**

[25] EN

[54] **LIQUID CONTAINING DRILL CUTTINGS TRANSPORT VESSEL**

[54] **CONTENANT DE TRANSPORT DE LIQUIDE RENFERMANT DES RESIDUS DE FORAGE**

[72] ROSS, STAN, CA

[72] STEGER, GREGORY, CA

[71] RECOVER ENERGY SERVICES INC., CA

[22] 2016-02-05

[41] 2016-08-25

[30] US (62/120,542) 2015-02-25

[21] **2,920,160**
[13] A1

[51] **Int.Cl. E01H 5/08 (2006.01)**

[25] EN

[54] **SNOW REMOVAL MACHINE**

[54] **MACHINE D'ENLEVEMENT DE LA NEIGE**

[72] YUKI, TORU, JP

[72] FUKANO, JUN, JP

[72] NAKAYAMA, SHINSAKU, JP

[72] HIROSE, YOSHIHISA, JP

[71] HONDA MOTOR CO., LTD., JP

[22] 2016-02-05

[41] 2016-08-25

[30] JP (2015-035715) 2015-02-25

[21] **2,920,214**
[13] A1

[51] **Int.Cl. F01C 20/10 (2006.01) B25B 21/02 (2006.01) F01C 13/02 (2006.01)**

[25] EN

[54] **CONTROLLING INCOMING AIR FOR A MULTI-DIRECTIONAL ROTATIONAL MOTOR IN A SINGLE ROTATIONAL DIRECTION**

[54] **CONTROLE DE L'AIR ENTRANT DESTINE A UN MOTEUR ROTATIF MULTIDIRECTIONNEL DANS UNE SEULE DIRECTION DE ROTATION**

[72] NOWAK, DENNIS A., JR., US

[72] WILLIAMS, JOHN R., US

[71] SNAP-ON INCORPORATED, US

[22] 2016-02-08

[41] 2016-08-27

[30] US (14/633,400) 2015-02-27

[21] **2,920,263**
[13] A1

[51] **Int.Cl. A63G 31/00 (2006.01)**

[25] EN

[54] **JUNGLE GYM**

[54] **PORTIQUE D'ESCALADE**

[72] TODOKORO, SHINJI, JP

[71] AGATSUMA CO., LTD., JP

[22] 2016-02-08

[41] 2016-08-26

[30] JP (JP 2015-036068) 2015-02-26

[21] **2,920,296**
[13] A1

[51] **Int.Cl. A63B 17/00 (2006.01) A63G 31/00 (2006.01) F16B 7/00 (2006.01)**

[25] EN

[54] **JUNGLE GYM JOINT**

[54] **JOINT DE PORTIQUE D'ESCALADE**

[72] TODOKORO, SHINJI, JP

[71] AGATSUMA CO., LTD., JP

[22] 2016-02-08

[41] 2016-08-26

[30] JP (JP-2015-036066) 2015-02-26

[21] **2,920,426**
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B63J 99/00 (2009.01) F28D 20/00 (2006.01) F28D 21/00 (2006.01)**

[25] EN

[54] **EXHAUST ENERGY RECOVERY AND POLLUTION CONTROL SYSTEM FOR MARINE VESSEL**

[54] **SYSTEME DE RECUPERATION D'ENERGIE D'ECHAPPEMENT ET DE CONTROLE DE LA POLLUTION DESTINE A UN NAVIRE**

[72] RANDALL, PETER, US

[71] RANDALL, PETER, US

[22] 2016-02-10

[41] 2016-08-26

[30] US (62/121,292) 2015-02-26

[30] US (14/864,336) 2015-09-24

[21] **2,920,510**
[13] A1

[51] **Int.Cl. B32B 18/00 (2006.01) B32B 38/08 (2006.01) C04B 35/80 (2006.01) C04B 35/84 (2006.01) C04B 41/87 (2006.01)**

[25] EN

[54] **CERAMIC MATRIX COMPOSITE ARTICLES AND METHODS FOR FORMING SAME**

[54] **ARTICLES COMPOSITES A MATRICE DE CERAMIQUE ET PROCEDES DE FORMAGE DESDITS ARTICLES**

[72] LUTHRA, KRISHAN LAL, US

[72] CORMAN, GREGORY SCOT, US

[72] RAMAMURTHI, BADRI NARAYAN, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2016-02-11

[41] 2016-08-26

[30] US (14/632,030) 2015-02-26

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[21] **2,920,513**
[13] A1

[51] **Int.Cl. B32B 18/00 (2006.01) B32B 38/08 (2006.01) C04B 35/80 (2006.01) C04B 35/84 (2006.01)**

[25] EN

[54] **CERAMIC MATRIX COMPOSITE ARTICLES AND METHODS FOR FORMING SAME**

[54] **ARTICLES COMPOSITES A MATRICE DE CERAMIQUE ET PROCEDES DE FORMAGE DESDITS ARTICLES**

[72] STEIBEL, JAMES DALE, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2016-02-11

[41] 2016-08-26

[30] US (14/632,333) 2015-02-26

[21] **2,920,563**
[13] A1

[51] **Int.Cl. F01D 25/12 (2006.01) F01D 5/18 (2006.01) F02C 7/12 (2006.01)**

[25] EN

[54] **ENGINE COMPONENT**

[54] **COMPOSANTE DE MOTEUR**

[72] BUNKER, RONALD SCOTT, US

[72] BUCK, FREDERICK ALAN, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2016-02-11

[41] 2016-08-24

[30] US (14/629,986) 2015-02-24

[21] **2,920,572**
[13] A1

[51] **Int.Cl. H04L 12/707 (2013.01) H04L 9/32 (2006.01) H04L 12/58 (2006.01)**

[25] EN

[54] **WIRELESS SYSTEMS WITH M2M COMMUNICATIONS VIA A COMPUTER NETWORK WITH A CELLULAR-TYPE BACK-UP NETWORK**

[54] **SYSTEMES SANS FIL DOTES DE COMMUNICATIONS M-M AU MOYEN D'UN RESEAU INFORMATIQUE EQUIPE D'UN RESEAU DE SECOURS DE TYPE CELLULAIRE**

[72] ADDY, KENNETH L., US

[71] HONEYWELL INTERNATIONAL INC., US

[22] 2016-02-09

[41] 2016-08-23

[30] US (14/629,045) 2015-02-23

[21] **2,920,573**
[13] A1

[51] **Int.Cl. A47C 7/62 (2006.01) B65D 85/00 (2006.01)**

[25] EN

[54] **SEATING DEVICE WITH STORAGE**

[54] **DISPOSITIF DE SIEGE EQUIPE DE RANGEMENT**

[72] MAKOS, TIMOTHY S., US

[72] KLECKNER, RYAN J., US

[71] PLANO MOLDING COMPANY, US

[22] 2016-02-11

[41] 2016-08-23

[30] US (62/119,553) 2015-02-23

[30] US (15/019,407) 2016-02-09

[21] **2,920,575**
[13] A1

[51] **Int.Cl. F01D 5/02 (2006.01) B29C 65/66 (2006.01) B32B 1/04 (2006.01) F01D 5/28 (2006.01) F01D 5/30 (2006.01) F04D 29/02 (2006.01)**

[25] EN

[54] **HYBRID METAL AND COMPOSITE SPOOL FOR ROTATING MACHINERY**

[54] **BOBINE EN METAL HYBRIDE ET COMPOSITE DESTINEE A UNE MACHINERIE ROTATIVE**

[72] KIRKPATRICK, BOWDEN, US

[72] KRAY, NICHOLAS JOSEPH, US

[72] ANDERSON, TODD ALAN, US

[72] VAN NIEUWENHOVE, STEFAAN GUIDO, US

[72] YEH, PO-CHING, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2016-02-11

[41] 2016-08-23

[30] US (14/628,311) 2015-02-23

[21] **2,920,583**
[13] A1

[51] **Int.Cl. C04B 41/81 (2006.01) F01D 5/28 (2006.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01)**

[25] EN

[54] **INTERNAL THERMAL COATINGS FOR ENGINE COMPONENTS**

[54] **REVETEMENTS THERMAUX INTERNES DESTINES A DES COMPOSANTES DE MOTEUR**

[72] BUNKER, RONALD SCOTT, US

[72] GROVES, ROBERT CHARLES, II, US

[72] SMITH, AARON EZEKIEL, US

[72] ALLEN, JASON RANDOLPH, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2016-02-11

[41] 2016-08-26

[30] US (14/631,929) 2015-02-26

[21] **2,920,610**
[13] A1

[51] **Int.Cl. F01D 21/00 (2006.01) F02C 7/00 (2006.01)**

[25] EN

[54] **SYSTEM FOR BRAKING A LOW PRESSURE SPOOL IN A GAS TURBINE ENGINE**

[54] **SYSTEME DE FREINAGE D'UN CORPS BASSE PRESSION DANS UN MOTEUR DE TURBINE A GAZ**

[72] GATES, PATRICK, CA

[72] BIBOR, OLIVIER, CA

[71] PRATT & WHITNEY CANADA CORP., CA

[22] 2016-02-10

[41] 2016-08-27

[30] US (14/633,565) 2015-02-27

[21] **2,920,616**
[13] A1

[51] **Int.Cl. A45C 13/00 (2006.01) A45C 5/03 (2006.01)**

[25] EN

[54] **SUITCASE TRAVEL ORGANIZER**

[54] **ORGANISATEUR DE VOYAGE POUR VALISE**

[72] MCCONNELL, BRUCE, US

[71] MCCONNELL, BRUCE, US

[22] 2016-02-10

[41] 2016-08-25

[30] US (14/631,577) 2015-02-25

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[21] **2,920,647**
 [13] A1

[51] **Int.Cl. G03G 21/18 (2006.01) G03G 15/01 (2006.01) G03G 15/08 (2006.01)**
 [25] EN
 [54] **SIDE MEMBER, CARTRIDGE, AND IMAGE FORMING APPARATUS**
 [54] **ELEMENT LATERAL, CARTOUCHE ET APPAREIL DE FORMATION D'IMAGE**
 [72] MORIOKA, MASANARI, JP
 [72] FUKUI, YUICHI, JP
 [71] CANON KABUSHIKI KAISHA, JP
 [22] 2016-02-11
 [41] 2016-08-27
 [30] JP (2015-037866) 2015-02-27

[21] **2,921,003**
 [13] A1

[51] **Int.Cl. A01D 57/02 (2006.01) A01D 89/00 (2006.01)**
 [25] EN
 [54] **TUBULAR BAT SHAPE WITH LONGITUDINAL KEY, FOR USE WITH THE PICK-UP REEL OF A HARVESTER**
 [54] **PANNEAU TUBULAIRE COMPORTANT UNE CLE LONGITUDINALE ET SERVANT AU TAMBOUR DE RAMASSAGE D-UN MOISSONNEUR**
 [72] JASPER, EDWARD PATRICK, US
 [71] HCC, INC., US
 [22] 2016-02-17
 [41] 2016-08-27
 [30] US (62/121,922) 2015-02-27

[21] **2,921,006**
 [13] A1

[51] **Int.Cl. B63H 20/00 (2006.01) B63B 49/00 (2006.01) B63H 20/10 (2006.01)**
 [25] EN
 [54] **CONTROL APPARATUS FOR OUTBOARD MOTOR**
 [54] **APPAREIL DE COMMANDE DESTINE A UN MOTEUR HORS-BORD**
 [72] HIROSHIMA, NAOKI, JP
 [72] YAMAMOTO, HIROSHI, JP
 [71] HONDA MOTOR CO., LTD., JP
 [22] 2016-02-16
 [41] 2016-08-27
 [30] JP (2015-037814) 2015-02-27
 [30] JP (2015-037815) 2015-02-27
 [30] JP (2015-037816) 2015-02-27

[21] **2,921,012**
 [13] A1

[51] **Int.Cl. A61B 1/06 (2006.01) A61B 1/05 (2006.01) A61B 1/227 (2006.01)**
 [25] EN
 [54] **OTOSCOPE WITH CONTROLLED ILLUMINATION**
 [54] **OTOSCOPE EQUIPE D'UN DISPOSITIF D'ILLUMINATION CONTROLEE**
 [72] GOVARI, ASSAF, IL
 [72] EPHRATH, YARON, IL
 [72] GLINER, VADIM, IL
 [72] BEECKLER, CHRISTOPHER T., IL
 [71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
 [22] 2016-02-16
 [41] 2016-08-27
 [30] US (62/126,112) 2015-02-27
 [30] US (14/988,939) 2016-01-06

[21] **2,921,056**
 [13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G06F 3/0488 (2013.01) A63F 13/2145 (2014.01) A63F 13/52 (2014.01) A63F 13/825 (2014.01) G06F 3/01 (2006.01) G06T 15/00 (2011.01)**
 [25] EN
 [54] **THREE-DIMENSIONAL VIRTUALIZATION**
 [54] **TRIDIMENSIONNELLE**
 [72] WEBB, SUNNY M., US
 [72] SHORT, MATTHEW THOMAS, US
 [72] DOOLEY, ROBERT P., US
 [71] ACCENTURE GLOBAL SERVICES LIMITED, IE
 [22] 2016-02-17
 [41] 2016-08-27
 [30] US (14/634,274) 2015-02-27

[21] **2,921,060**
 [13] A1

[51] **Int.Cl. E04H 9/00 (2006.01) E04H 15/00 (2006.01)**
 [25] EN
 [54] **ICE SHELTER SEAT WITH REMOVABLE STORAGE**
 [54] **SIEGE POUR ABRI DE GLACE EQUIPE DE RANGEMENT AMOVIBLE**
 [72] MAKOS, TIMOTHY S., US
 [71] PLANO MOLDING COMPANY, US
 [22] 2016-02-17
 [41] 2016-08-23
 [30] US (62/119,516) 2015-02-23
 [30] US (15/041,455) 2016-02-11

[21] **2,921,131**
 [13] A1

[51] **Int.Cl. F16K 31/64 (2006.01)**
 [25] EN
 [54] **THERMOSTATIC FLOW CONTROL DEVICE AND METHOD OF USE**
 [54] **DISPOSITIF DE CONTROLE D'ECOULEMENT THERMOSTATIQUE ET METHODE D-UTILISATION**
 [72] MAGEE, JEFFREY F., US
 [71] ALSTOM TECHNOLOGY LTD, CH
 [22] 2016-02-18
 [41] 2016-08-24
 [30] US (14/629,540) 2015-02-24

[21] **2,921,169**
 [13] A1

[51] **Int.Cl. B25B 5/16 (2006.01) B25B 5/00 (2006.01) B25B 5/04 (2006.01) B25G 3/00 (2006.01)**
 [25] EN
 [54] **CLAMPING DEVICE WITH REMOVABLE HANDLES**
 [54] **DISPOSITIF DE PINCES DOTE DE POIGNEES AMOVIBLES**
 [72] GROBBEL, THOMAS M., US
 [72] HAGAN, KEN, US
 [71] DELAWARE CAPITAL FORMATION, INC., US
 [22] 2016-02-19
 [41] 2016-08-25
 [30] US (62/120,538) 2015-02-25
 [30] US (15/017,966) 2016-02-08

[21] **2,921,249**
 [13] A1

[51] **Int.Cl. F01D 25/12 (2006.01) F02C 7/12 (2006.01)**
 [25] EN
 [54] **ENGINE COMPONENT**
 [54] **COMPOSANTE DE MOTEUR**
 [72] BUNKER, RONALD SCOTT, US
 [71] GENERAL ELECTRIC COMPANY, US
 [22] 2016-02-18
 [41] 2016-08-27
 [30] US (14/633,174) 2015-02-27

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[21] **2,921,252**
[13] A1

[51] **Int.Cl. G08G 5/02 (2006.01) G01C 21/00 (2006.01) G01S 17/02 (2006.01) G08G 5/04 (2006.01)**

[25] EN

[54] **SYSTEM AND METHODS OF DETECTING AN INTRUDING OBJECT IN A RELATIVE NAVIGATION SYSTEM**

[54] **SYSTEMES ET METHODES DE DETECTION D'UN OBJET INTRUSIF DANS UN SYSTEME DE NAVIGATION RELATIVE**

[72] FELDMANN, MICHAEL STEVEN, US

[72] SAGGIO III, FRANK, US

[72] PAASCHE, TIMOTHY JOHN, US

[72] TURNER, MARK LAWRENCE, US

[72] INGERSOLL, JOHN ANDREW, US

[71] GE AVIATION SYSTEMS LLC, US

[22] 2016-02-18

[41] 2016-08-27

[30] US (14/633,231) 2015-02-27

[21] **2,921,253**
[13] A1

[51] **Int.Cl. F01D 25/12 (2006.01) F02C 7/12 (2006.01)**

[25] EN

[54] **ENGINE COMPONENT**

[54] **COMPOSANTE DE MOTEUR**

[72] BUNKER, RONALD SCOTT, US

[72] BRIGGS, ROBERT DAVID, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2016-02-18

[41] 2016-08-27

[30] US (14/633,167) 2015-02-27

[21] **2,921,254**
[13] A1

[51] **Int.Cl. H02M 1/00 (2007.10) G05B 17/02 (2006.01) H02M 1/08 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR OPERATING POWER CONVERTERS**

[54] **SYSTEME ET METHODE D'EXPLOITATION DE CONVERTISSEURS D'ENERGIE ELECTRIQUE**

[72] YUAN, ZHIHUI, US

[72] SCHROEDER, STEFAN, US

[72] CHEN, QINGYUN, DE

[72] SHEN, JIE, US

[72] HAN, NORA CHENG-HUEI, CH

[71] GE ENERGY POWER CONVERSION TECHNOLOGY LTD, GB

[22] 2016-02-18

[41] 2016-08-27

[30] US (14/633,296) 2015-02-27

[21] **2,921,261**
[13] A1

[51] **Int.Cl. G08G 5/02 (2006.01) G01C 23/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHODS FOR PROVIDING SITUATIONAL AWARENESS INFORMATION FOR A RELATIVE NAVIGATION SYSTEM**

[54] **SYSTEME ET METHODES DE FOURNITURE D'INFORMATION DE SENSIBILISATION SITUATIONNELLE DESTINES A UN SYSTEME DE NAVIGATION RELATIVE**

[72] FELDMANN, MICHAEL STEVEN, US

[72] COUTTS, BENJAMIN IVAN, US

[72] BOOZER, RALPH DEMMON, US

[71] GE AVIATION SYSTEMS LLC, US

[22] 2016-02-18

[41] 2016-08-27

[30] US (14/633,262) 2015-02-27

[21] **2,921,263**
[13] A1

[51] **Int.Cl. B32B 18/00 (2006.01) B32B 37/00 (2006.01) B32B 38/08 (2006.01) C04B 41/87 (2006.01)**

[25] EN

[54] **LAMINATE STRUCTURE FABRICATED USING CHEMICAL VAPOR INFILTRATION (CVI)**

[54] **STRUCTURE STRATIFIEE FABRIQUEE A L'AIDE D'INFILTRATION EN PHASE VAPEUR**

[72] WEAVER, JARED HOGG, US

[72] RAMAMURTHI, BADRI NARAYAN, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2016-02-18

[41] 2016-08-27

[30] US (14/633,347) 2015-02-27

[21] **2,921,269**
[13] A1

[51] **Int.Cl. F01D 9/02 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR A CERAMIC MATRIX COMPOSITE SHROUD HANGER ASSEMBLY**

[54] **METHODE ET SYSTEME D'ASSEMBLAGE DE SUPPORT DE CARENAGE EN COMPOSITE A MATRICE CERAMIQUE**

[72] SHAPIRO, JASON DAVID, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2016-02-18

[41] 2016-08-27

[30] US (14/634,060) 2015-02-27

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[21] **2,921,293**
[13] A1

[51] **Int.Cl. H04L 12/58 (2006.01) H04W 4/12 (2009.01) H04W 8/18 (2009.01) H04L 12/16 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR DETERMINING PRESENCE BASED ON AN ATTRIBUTE OF AN ELECTONIC MESSAGE**

[54] **SYSTEME ET METHODE DE DETERMINATION DE LA PRESENCE FONDES SUR UN ATTRIBUT D~UN MESSAGE ELECTRONIQUE**

[72] VENDROW, VLAD, US

[72] VAN RENSBURG, CHRISTOPHER, US

[71] RINGCENTRAL, INC., US

[22] 2016-02-19

[41] 2016-08-27

[30] US (14/633,953) 2015-02-27

[21] **2,921,314**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/7064 (2006.01) A61K 31/7076 (2006.01) A61P 35/00 (2006.01) C07D 405/04 (2006.01) C07D 473/34 (2006.01) C07D 491/048 (2006.01) C07D 495/04 (2006.01)**

[25] EN

[54] **SUBSTITUTED NUCLEOSIDE DERIVATIVES AS PRMT5 INHIBITORS**

[54] **DERIVES DE NUCLEOSIDE SUBSTITUEE COMME INHIBITEURS DE PRMT5**

[72] TATLOCK, JOHN HOWARD, US

[72] MCALPINE, INDRAWAN JAMES, US

[72] TRAN-DUBE, MICHELLE BICH, US

[72] RUI, EUGENE YUANJIN, US

[72] WYTHES, MARTIN JAMES, US

[72] KUMPF, ROBERT ARNOLD, US

[72] MCTIGUE, MICHELE ANN, US

[71] PFIZER INC., US

[22] 2016-02-19

[41] 2016-08-24

[30] US (62/119,932) 2015-02-24

[30] US (62/213,801) 2015-09-03

[30] US (62/279,209) 2016-01-15

[21] **2,921,329**
[13] A1

[51] **Int.Cl. B03B 4/02 (2006.01)**

[25] EN

[54] **AGGRE-DRY RETRO-FIT SYSTEM**

[54] **SYSTEME DE READAPTATION D'INSTALLATION DE DESHYDRATATION D'AGGREGAT**

[72] SQUIRES, FRANK, US

[72] BROWN, JEREMY, US

[72] AFRANK, CHRIS, US

[71] SUPERIOR INDUSTRIES, INC., US

[22] 2016-02-18

[41] 2016-08-26

[30] US (14/632,747) 2015-02-26

[21] **2,921,334**
[13] A1

[51] **Int.Cl. A01K 23/00 (2006.01)**

[25] EN

[54] **WASTE PAD**

[54] **COUSSIN ABSORBANT**

[72] MILLER, MARTIN, US

[71] MILLER, MARTIN, US

[22] 2016-02-18

[41] 2016-08-22

[30] US (14/628,264) 2015-02-22

[21] **2,921,363**
[13] A1

[51] **Int.Cl. G06Q 40/00 (2012.01)**

[25] EN

[54] **SIMPLIFIED TAX INTERVIEW**

[54] **ENTREVUE SIMPLIFIEE DE PREPARATION DE DECLARATION DE REVENUS**

[72] HOUSEWORTH, JASON, US

[72] WATTS, HEATHER, US

[72] MARTIN, DANIEL D., US

[71] HRB INNOVATIONS, INC., US

[22] 2016-02-19

[41] 2016-08-24

[30] US (14/630.012) 2015-02-24

[21] **2,921,380**
[13] A1

[51] **Int.Cl. B64F 1/00 (2006.01) B64F 5/00 (2006.01)**

[25] EN

[54] **GAS TURBINE ENGINE COVER**

[54] **COUVERCLE DE MOTEUR DE TURBINE A GAZ**

[72] LOUREIRO, CARLOS ADELINO MARQUES SANTOS, CA

[71] PRATT & WHITNEY CANADA CORP., CA

[22] 2016-02-19

[41] 2016-08-26

[30] US (14/632,254) 2015-02-26

[21] **2,921,403**
[13] A1

[51] **Int.Cl. H01R 24/20 (2011.01) H01R 31/06 (2006.01) H02G 15/08 (2006.01)**

[25] EN

[54] **MULTI-PIECE JACKET FOR SEPARABLE CONNECTORS**

[54] **GAINE MULTI PIECE POUR CONNECTEURS SEPARABLES**

[72] SZYSZKO, STANLEY S., US

[72] HERNANDEZ, CARLOS H., US

[72] KNIGHT, JOHN, US

[71] THOMAS & BETTS INTERNATIONAL, LLC, US

[22] 2016-02-19

[41] 2016-08-24

[30] US (62/120,061) 2015-02-24

[30] US (15/000,236) 2016-01-19

[21] **2,921,407**
[13] A1

[51] **Int.Cl. H01R 43/28 (2006.01) H02G 15/08 (2006.01)**

[25] EN

[54] **CABLE WIRE BRUSHING CONNECTOR**

[54] **RACCORD DE BROSSAGE A FIL**

[72] FONG, ROBERT, US

[71] THOMAS & BETTS INTERNATIONAL, LLC, US

[22] 2016-02-19

[41] 2016-08-24

[30] US (62/120,050) 2015-02-24

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[21] **2,921,446**
[13] A1

[51] **Int.Cl. G06Q 10/10 (2012.01) B64F 1/36 (2006.01) B64D 11/06 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTOMATING PASSENGER SEAT ASSIGNMENT PROCEDURES**
[54] **METHODE ET SYSTEME D'AUTOMATISATION DES PROCEDURES D'ATTRIBUTION DE SIEGE AUX PASSAGERS**
[72] LANG, ADAM, US
[72] GRIGG, RUSSELL ROBERT, US
[72] WRIGHT-MCKEEVER, SUSAN, US
[71] UNITED AIRLINES, INC., US
[22] 2016-02-19
[41] 2016-08-26
[30] US (14/632,181) 2015-02-26

[21] **2,921,449**
[13] A1

[51] **Int.Cl. B62J 17/04 (2006.01) B60J 1/02 (2006.01)**
[25] EN
[54] **SCREEN MOVING DEVICE IN SADDLE-RIDE-TYPE VEHICLE**
[54] **DISPOSITIF DE DEPLACEMENT D'UN ECRAN DANS UN VEHICULE DU TYPE A SELLE**
[72] TSUDA, HARUKA, JP
[72] KAWAMURA, IPPEI, JP
[71] HONDA MOTOR CO., LTD., JP
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[41] 2016-08-27
[30] JP (2015-038779) 2015-02-27

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[25] EN
[54] **SCREEN MOVABLE DEVICE IN SADDLE RIDING TYPE VEHICLE**
[54] **DISPOSITIF DE DEPLACEMENT D'UN ECRAN DANS UN VEHICULE DU TYPE A SELLE**
[72] SUZUKI, SHOTA, JP
[72] KAWAMURA, IPPEI, JP
[72] TSUDA, HARUKA, JP
[71] HONDA MOTOR CO., LTD., JP
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[30] JP (2015-038781) 2015-02-27
[30] JP (2015-038780) 2015-02-27

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[25] EN
[54] **SIMULATED FORCIBLE ENTRY OF PADLOCKS**
[54] **SIMULATION D'ENTREE PAR LA FORCE DE CADENAS**
[72] PERRONE, MICHAEL, US
[71] PERRONE, MICHAEL, US
[22] 2016-02-22
[41] 2016-08-22
[30] US (62/119227) 2015-02-22
[30] US (15/048147) 2016-02-19

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[13] A1

[51] **Int.Cl. G09B 25/04 (2006.01) G09B 19/00 (2006.01)**
[25] EN
[54] **SIMULATED FORCIBLE ENTRY OF DOORS USING BATTERING RAMS**
[54] **SIMULATION D'ENTREE DE PORTES PAR LA FORCE AU MOYEN DE BELIERS**
[72] PERRONE, MICHAEL, US
[71] PERRONE, MICHAEL, US
[22] 2016-02-22
[41] 2016-08-22
[30] US (62/119229) 2015-02-22
[30] US (62/159301) 2015-05-10
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[25] EN
[54] **SLIM RECESSED LIGHT FIXTURE**
[54] **APPAREIL D'ECLAIRAGE ENCASTRE MINCE**
[72] GHASABI, AMIR, CA
[71] LUMINIZ INC., CA
[22] 2016-02-22
[41] 2016-08-24
[30] US (62/120180) 2015-02-24
[30] CA (2886730) 2015-03-31

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[25] EN
[54] **PHASE-FRONT-MODULATION SENSOR AND METHOD OF FABRICATION**
[54] **CAPTEUR DE MODULATION DE FRONT D'ONDE ET PROCEDE DE FABRICATION**
[72] DIGONNET, MICHEL J.F., US
[72] KILIC, ONUR, US
[72] JO, WONUK, US
[72] SOLGAARD, OLAV, US
[72] AFSHAR, BEHRAD HABIB, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[41] 2016-08-23
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[25] EN
[54] **SYSTEMS AND METHODS FOR SECURE DATA EXCHANGE AND DATA TAMPERING PREVENTION**
[54] **SYSTEMES ET METHODES D'ECHANGE DE DONNEES SECURISE ET DE PREVENTION DE VIOLATION DE DONNEES**
[72] GLENVILLE, MATTHEW A., GB
[72] TSELIKAS, STELIOS E., GB
[72] GKOULOUSIS, ANTONIOS, GB
[72] HILL, ANDREW J., GB
[72] HUTCHESON, FINBARR P., GB
[71] INTERCONTINENTAL EXCHANGE HOLDINGS, INC., US
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 [25] EN
 [54] **COUPLING WITH COMPONENTS WHICH PREVENT INTERCHANGEABILITY**
 [54] **RACCORDEMENT A DES COMPOSANTES EMPECHANT L'INTER ECHANGEABILITE**
 [72] ZONNEVELD, EDWIN J. W., CA
 [72] STEAD, KELLY M., CA
 [71] ZONNEVELD, EDWIN J. W., CA
 [71] STEAD, KELLY M., CA
 [22] 2016-02-22
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 [30] US (62119217) 2015-02-22

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 [13] A1

[51] **Int.Cl. G02C 5/22 (2006.01) G02C 5/14 (2006.01)**
 [25] EN
 [54] **DUAL-FOLDING EYEGLASSES AND EYEGLASS COLLAPSIBLE CASE**
 [54] **VERRES PLIANTS ET ETUI PLIANT POUR VERRES**
 [72] JOHNSON, DAVID A., US
 [71] MICROVISION OPTICAL, LLC, US
 [22] 2016-02-23
 [41] 2016-08-23
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 [13] A1

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 [54] **RECLOSABLE LABEL**
 [54] **ETIQUETTE REFERMABLE**
 [72] SCHIERMEIER, BRIAN, US
 [72] LEMMONS, KEVIN, US
 [71] GATEWAY PACKAGING COMPANY, US
 [22] 2016-02-23
 [41] 2016-08-24
 [30] US (14/630,293) 2015-02-24

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 [25] EN
 [54] **TROMMEL SCREEN WITH DIFFERENT SIZED APERTURES**
 [54] **TROMMEL CRIBLEUR AYANT DES OUVERTURES DE DIFFERENTES TAILLES**
 [72] EBERTS, KENNETH SCOTT, US
 [72] LUKE, JASON, US
 [72] TORBERSON, NATHAN LEE, US
 [72] STRAND, CURTIS A., US
 [72] HANDEL, JEREMY W., US
 [72] LACHMAN, ERIN C., US
 [72] DUBS, DOUGLAS L., US
 [71] VERMEER MANUFACTURING COMPANY, US
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 [25] EN
 [54] **SYSTEMS AND METHODS FOR DRYING ROOFS**
 [54] **SYSTEMES ET METHODES DESTINES AU SECHAGE DE TOITS**
 [72] BURTON, BRANDON, US
 [72] BRUDERS, WILLIAM, US
 [72] BARTHOLMEY, BRETT, US
 [71] DRI-EAZ PRODUCTS, INC., US
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 [41] 2016-08-25
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 [25] EN
 [54] **MEDICAL DEVICES WITH SEALING PROPERTIES**
 [54] **DISPOSITIFS MEDICAUX AYANT DES PROPRIETES D'ETANCHEISATION**
 [72] SKALLA, WALTER, US
 [72] VERNLUND, LAUREN, US
 [71] COVIDIEN LP, US
 [22] 2016-02-24
 [41] 2016-08-27
 [30] US (62/121,831) 2015-02-27
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 [25] EN
 [54] **BICYCLE WITH MOTOR ASSISTED FOLDING**
 [54] **BICYCLETTE PLIANTE A PLIAGE MOTORISE**
 [72] GERENCSEER, GABOR, HU
 [71] GM GLOBAL TECHNOLOGY OPERATIONS LLC, US
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 [30] US (14/631,231) 2015-02-25

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 [13] A1

[51] **Int.Cl. F02F 1/24 (2006.01) F02B 19/00 (2006.01) F02F 1/42 (2006.01) F02P 13/00 (2006.01)**
 [25] EN
 [54] **CYLINDER HEAD**
 [54] **TETE DE CYLINDRE**
 [72] JACOB, RAPHAEL, DE
 [71] GE JENBACHER GMBH & CO OG, AT
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 [30] AT (A 50161/2015) 2015-02-27

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[54] **PRE-CHAMBER GAS VALVE**
[54] **VANNE DE GAZ DE PRECHAMBRE**

[72] JACOB, RAPHAEL, DE
[71] GE JENBACHER GMBH & CO OG, AT

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[30] AT (A 50162/2015) 2015-02-27

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[13] A1

[51] **Int.Cl. H02J 9/00 (2006.01) B62M 6/40 (2010.01) H02J 7/00 (2006.01)**

[25] EN
[54] **ELECTRIC BIKE EXTENDED RANGE BATTERY POWER ELECTRONICS AND CONTROL DISPOSITIFS ELECTRONIQUES ET COMMANDE D'ALIMENTATION DE BATTERIE A PORTEE PROLONGEE DESTINES A UNE BICYCLETTE ELECTRIQUE**

[72] HAYSLETT, STEVEN L., US
[72] STANCU, CONSTANTIN C., US
[72] CINTRON-RIVERA, JORGE G., US
[71] GM GLOBAL TECHNOLOGY OPERATIONS LLC, US

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[54] **GARDENING TOOL AND HEDGE TRIMMER**
[54] **OUTIL DE JARDINAGE ET COUPE-BORDURE**

[72] LI, LI, CN
[72] YAMAOKA, TOSHINARI, CN
[72] NIE, FANGJIE, CN
[71] CHERVON (HK) LIMITED, HK

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[41] 2016-08-25
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[30] CN (201520116225.3) 2015-02-25
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[25] EN
[54] **PERSONAL HYGIENE PRODUCT WITH A DIGITAL ELEMENT**
[54] **PRODUIT D'HYGIENE PERSONNEL DOTE D'UN ELEMENT NUMERIQUE**

[72] PUGH, RANDALL BRAXTON, US
[72] NEELEY, WILLIAM CHESTER, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US

[22] 2016-02-23
[41] 2016-08-26
[30] US (62/121,066) 2015-02-26
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[13] A1

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[25] EN
[54] **SYSTEMS AND METHODS FOR MULTIPHASE FLOW METERING ACCOUNTING FOR DISSOLVED GAS**
[54] **SYSTEMES ET METHODES DE MESURE D'ECOULEMENT MULTIPHASE DETERMINANT LA TENEUR EN GAZ DISSOUT**

[72] HENRY, MANUS P., GB
[72] CASIMIRO, RICHARD P., US
[72] TOMBS, MICHAEL S., GB
[72] PROBST, ALICE ANNE, US
[71] INVENSYS SYSTEMS, INC., US

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[41] 2016-08-27
[30] US (14/634,521) 2015-02-27

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[13] A1

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[25] EN
[54] **ELECTRIC MOTOR STORING DEVICE FOR HYBRID VEHICLE**
[54] **DISPOSITIF DE RANGEMENT DE MOTEUR ELECTRIQUE POUR VEHICULE HYBRIDE**

[72] TAKENO, MOTOKI, JP
[72] KODAMA, TAKUYA, JP
[72] KAWAMOTO, KOKI, JP
[72] KIYOKAMI, HIROAKI, JP
[72] ISARAI, RYOJI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP

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[30] JP (2015-035918) 2015-02-25

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[13] A1

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[25] EN
[54] **MULTI-BITRATE VIDEO WITH DYNAMIC BLOCKS**
[54] **VIDEO A TAUX DE BITS MULTIPLES ET BLOCS DYNAMIQUES**

[72] GILSON, ROSS, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US

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[41] 2016-08-24
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 [13] A1

[51] **Int.Cl. A01G 23/083 (2006.01) A01G 23/099 (2006.01)**
 [25] EN
 [54] **A TIMBER-WORKING DEVICE AND METHOD OF DETERMINING THE NUMBER OF STEMS HELD BY THE DEVICE**
 [54] **UN APPAREIL DE TRAVAIL DU BOIS D'OEUVRE ET METHODE DE DETERMINATION DU NOMBRE DE BILLES SAISIES PAR L'APPAREIL**
 [72] SWINYARD, DOUGLAS CRAIG, NZ
 [72] KAYE, BRETT JAMES, NZ
 [72] SMYTHE, JUSTYN PETER, NZ
 [71] WARATAH NZ LIMITED, NZ
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 [30] NZ (705339) 2015-02-27

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 [13] A1

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 [25] EN
 [54] **A TIMBER-WORKING DEVICE AND METHOD OF OPERATION**
 [54] **UN DISPOSITIF DE TRAVAIL DE BILLOT ET METHODE D'EXPLOITATION**
 [72] SWINYARD, DOUGLAS CRAIG, NZ
 [72] ANTONY, RORY, NZ
 [71] WARATAH NZ LIMITED, NZ
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 [13] A1

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 [25] EN
 [54] **CERAMIC MATRIX COMPOSITE STRUCTURES WITH CONTROLLED MICROSTRUCTURES FABRICATED USING CHEMICAL VAPOR INFILTRATION (CVI)**
 [54] **STRUCTURES COMPOSITES A MATRICE CERAMIQUE COMPORTANT DES MICROSTRUCTURES MICROSTRUCTURES FABRIQUEES PAR INFILTRATION EN PHASE VAPEUR**
 [72] WEAVER, JARED HOGG, US
 [72] CORMAN, GREGORY SCOT, US
 [72] LUTHRA, KRISHAN LAL, US
 [71] GENERAL ELECTRIC COMPANY, US
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 [13] A1

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 [25] EN
 [54] **GEAR BACKLASH ADJUSTMENT MECHANISM**
 [54] **MECANISME DE REGLAGE DE JEU ENTRE-DENTS**
 [72] PUSHECK, BERNARD W., US
 [71] HARNISCHFEGGER TECHNOLOGIES, INC., US
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 [41] 2016-08-26
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 [13] A1

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 [25] EN
 [54] **BODY WITH ENCLOSED LIGHTS**
 [54] **CORPS MUNI DE LUMIERES ENCASTREES**
 [72] MOITA, JOSE M., CA
 [71] MOITA, JOSE M., CA
 [22] 2016-02-23
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 [30] CA (2,882,994) 2015-02-24

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 [13] A1

[51] **Int.Cl. B60D 5/00 (2006.01) B61D 17/22 (2006.01) B62D 47/02 (2006.01)**
 [25] EN
 [54] **GANGWAY BETWEEN TWO ARTICULATEDLY CONNECTED VEHICLES**
 [54] **PASSERELLE DE SERVICE ENTRE DEUX VEHICULES RELIES PAR UNE ARTICULATION**
 [72] MOSANER, KNUD, DE
 [72] HEINRICH, MARC, CN
 [71] HUBNER GMBH & CO. KG, DE
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 [25] EN
 [54] **CYLINDER HEAD**
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 [72] JACOB, RAPHAEL, DE
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 [30] AT (A 50160/2015) 2015-02-27

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 [13] A1

[51] **Int.Cl. E01D 19/12 (2006.01) E01D 1/00 (2006.01)**
 [25] EN
 [54] **MODULAR BRIDGE DECK SYSTEM CONSISTING OF HOLLOW EXTRUDED ALUMINUM ELEMENTS**
 [54] **SYSTEME DE PLATEFORME DE PONT MODULAIRE COMPRENANT DES ELEMENTS CREUX FAITS D-ALUMINIUM EXTRUDE**
 [72] OSBERG, GREG, US
 [72] PATTON, GEORGE, US
 [71] ALUMABRIDGE, LLC, US
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[54] **COMPOUND BEAM MECHANICAL CASING COLLAR LOCATOR**
[54] **APPAREIL DE REPERAGE DE COLLIER DE TUBAGE MECANIQUE A MONTANT COMPOSE**
[72] ANDREYCHUK, MARK, CA
[72] ANGMAN, PER, CA
[71] ANDREYCHUK, MARK, CA
[71] ANGMAN, PER, CA
[22] 2016-02-24
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[13] A1

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[25] EN
[54] **A MECHANICAL METHOD FOR RESTORING DOWNHOLE CIRCULATION**
[54] **UN PROCEDE MECANIQUE DE RESTAURATION DE LA CIRCULATION EN FOND DE TROU**
[72] JORDAN, JOE, US
[71] ADVANCED FRAC SYSTEMS LP, US
[22] 2016-02-24
[41] 2016-08-25
[30] US (14/631,290) 2015-02-25

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[13] A1

[51] **Int.Cl. B61K 9/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TESTING INSULATED JOINTS IN TRACK SYSTEMS**
[54] **SYSTEME ET METHODE DE MISE A L'ESSAI DE JOINTS ISOLES DANS LES SYSTEMES DE RAILS**
[72] CHURCH, BENJAMIN, US
[72] WYATT, BARTON, US
[72] MELTON, DARREN, US
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2016-02-24
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[30] US (14/631,907) 2015-02-26

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[13] A1

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[25] EN
[54] **HEATED DRILL CUTTINGS TRANSPORT VESSEL**
[54] **CONTENANT CHAUFFE DESTINE AU TRANSPORT DE RESIDUS DE FORAGE**
[72] ROSS, STAN, CA
[72] STEGER, GREGORY, CA
[71] RECOVER ENERGY SERVICES INC., CA
[22] 2016-02-24
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[30] US (62/120,546) 2015-02-25

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[13] A1

[51] **Int.Cl. B65D 43/22 (2006.01)**
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[54] **LOCKABLE CONTAINER**
[54] **CONTENANT VERROUILLABLE**
[72] BRADY, LISA J., US
[72] DECARLO, ANTHONY, US
[72] TAYLOR, CURTIS, US
[72] HANSON, MATTHEW, US
[71] BRADY, LISA J., US
[71] DECARLO, ANTHONY, US
[71] TAYLOR, CURTIS, US
[71] HANSON, MATTHEW, US
[22] 2016-02-25
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[30] US (62/120,490) 2015-02-25

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[13] A1

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[25] EN
[54] **CORNER MEMBER, CORNER ASSEMBLY, CONSTRUCTION KIT AND RECTANGULAR STRUCTURE**
[54] **ELEMENT DE COIN, ENSEMBLE DE COIN, TROUSSE DE CONSTRUCTION ET STRUCTURE RECTANGULAIRE**
[72] KATZ, RODNEY, CA
[71] TRI-MECH DESIGN INC., CA
[22] 2016-02-23
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[30] US (62/121,859) 2015-02-27

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[13] A1

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[25] EN
[54] **INTELLIGENT RF REDUNDANCY SWITCH**
[54] **COMMUTATEUR DE REDONDANCE RF INTELLIGENT**
[72] HAMILTON, KENDRICK, CA
[72] HAMER, SEANN, CA
[72] WASKOWIC, PETER, CA
[71] SED SYSTEMS, A DIVISION OF CALIAN LTD., CA
[22] 2016-02-25
[41] 2016-08-25
[30] CA (2,883,117) 2015-02-25

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[13] A1

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[54] **MULTICHANNEL SIGNAL MODULATOR FOR USE IN BROADCAST SATELLITE APPLICATIONS**
[54] **MODULATEUR DE SIGNAL MULTICANAL DESTINE AUX APPLICATIONS DE SATELLITE DE TELEDIFFUSION**
[72] ARMSTRONG, DAVID, CA
[72] HAMILTON, KENDRICK, CA
[72] HAMER, SEANN, CA
[71] SED SYSTEMS, A DIVISION OF CALIAN LTD., CA
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[13] A1

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[25] EN
[54] **SYSTEM FOR LINKING DIVERSE DATA SYSTEMS**
[54] **SYSTEME SERVANT A RELIER DIVERS SYSTEMES DE DONNEES**
[72] GOMADAM, KARTHIK, US
[72] TUNG, TERESA, US
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[41] 2016-08-26
[30] IN (919/CHE/2015) 2015-02-26
[30] IN (2954/CHE/2015) 2015-06-12
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[13] A1

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[25] EN
[54] **METHOD OF MAKING PROMOTIONAL TAGS**
[54] **METHODE DE PRODUCTION D'ETIQUETTES PROMOTIONNELLES**
[72] VIAVATTINE, JOHN MICHAEL, US
[72] RENTOVICH, JEFFREY, US
[71] DOMTAR PAPER COMPANY, LLC, US
[22] 2016-02-26
[41] 2016-08-27
[30] US (62/126,027) 2015-02-27

[21] **2,922,067**
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[51] **Int.Cl. F01D 5/16 (2006.01)**
[25] EN
[54] **ROTOR BLADE VIBRATION DAMPER**
[54] **ATTENUATEUR DE VIBRATIONS DE PALE DE ROTOR**
[72] TARDIF, MARC, CA
[72] DI FLORIO, DOMENICO, CA
[72] ABATE, ALDO, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-02-26
[41] 2016-08-27
[30] US (14/633,503) 2015-02-27

[21] **2,922,094**
[13] A1

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[25] EN
[54] **PARTITION**
[54] **DIVISION**
[72] ROUDONIS, ROBERT ANTHONY, US
[71] ORBIS CORPORATION, US
[22] 2016-02-26
[41] 2016-08-27
[30] US (62/126,201) 2015-02-27

[21] **2,922,032**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 17/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF ANALYZING SOCIAL MEDIA TO PREDICT THE CHURN PROPENSITY OF AN INDIVIDUAL OR COMMUNITY OF CUSTOMERS**
[54] **SYSTEME ET METHODE D'ANALYSE DE MEDIAS SOCIAUX VISANT A PREDIRE LA PROPENSION AU ROULEMENT D'UN INDIVIDU OU D'UNE COMMUNAUTE DE CONSOMMATEURS**
[72] NIELSEN, AARON DAVID, CA
[72] PANG, QIAO, CA
[72] BAGHERI, EBRAHIM, CA
[72] JASHKI, MOHAMMAD-AMIN, CA
[72] ZARRINKALAM, FATTANE, CA
[71] NIELSEN, AARON DAVID, CA
[71] PANG, QIAO, CA
[71] BAGHERI, EBRAHIM, CA
[71] JASHKI, MOHAMMAD-AMIN, CA
[71] ZARRINKALAM, FATTANE, CA
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[41] 2016-08-24
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[25] EN
[54] **VEHICLE MOUNTED SWEEPER ASSEMBLY**
[54] **ENSEMBLE DE BALAYEUR INSTALLE SUR VEHICULE**
[72] SEELEY, BRUCE EDWIN, CA
[71] SEELEY, BRUCE EDWIN, CA
[22] 2016-02-26
[41] 2016-08-26
[30] US (62/121,432) 2015-02-26

[21] **2,924,888**
[13] A1

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[25] EN
[54] **ENGINE WARMING SYSTEM**
[54] **DISPOSITIF CHAUFFE-MOTEUR**
[72] CARTER, DAN, US
[71] CARTER, DAN, US
[22] 2016-03-23
[41] 2016-08-25

[21] **2,922,072**
[13] A1

[51] **Int.Cl. H04L 12/26 (2006.01) H04L 12/727 (2013.01) G06F 9/06 (2006.01) G06Q 30/06 (2012.01) G06Q 40/04 (2012.01)**
[25] EN
[54] **COORDINATED PROCESSING OF DATA BY NETWORKED COMPUTING RESOURCES**
[54] **TRAITEMENT COORDONNE DE DONNEES PAR DES RESSOURCES INFORMATIQUES EN RESEAU**
[72] PITIO, WALTER MICHAEL, CA
[72] IANNACCONE, PHILIP, CA
[72] AISEN, DANIEL, CA
[72] KATSUYAMA, BRADLEY, CA
[72] PARK, ROBERT, CA
[72] SCHWALL, JOHN, CA
[72] STEINER, RICHARD, CA
[72] ZHANG, ALLEN, CA
[72] POPEJOY, THOMAS L., CA
[71] ROYAL BANK OF CANADA, CA
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[41] 2016-08-27
[30] US (62/126,106) 2015-02-27
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[30] US (62/132,063) 2015-03-12

[21] **2,931,223**
[13] A1

[51] **Int.Cl. C25B 15/08 (2006.01) C07C 1/12 (2006.01) C25B 1/02 (2006.01)**
[25] EN
[54] **SULPHUR-ASSISTED CARBON CAPTURE AND UTILIZATION (CCU) METHODS AND SYSTEMS**
[54] **CAPTURE DE CARBONE AU MOYEN DE SOUFRE ET METHODES ET SYSTEMES D~UTILISATION**
[72] WOJAK, BOGDAN, CA
[71] WOJAK, BOGDAN, CA
[22] 2016-05-26
[41] 2016-08-22
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[25] EN

[54] **PROCESSING OF OIL SAND
STREAMS VIA CHEMICALLY-
INDUCED MICRO-
AGGLOMERATION**

[54] **TRAITEMENT DE FLUX DE
SABLES BITUMINEUX PAR
MICRO AGGLOMERATION
INDUITE CHIMIQUEMENT**

[72] LIN, CHRISTOPHER, CA

[72] SAKUHUNI, GIVEMORE, CA

[72] RENNARD, DAVID, CA

[71] EXXONMOBIL UPSTREAM
RESEARCH COMPANY, US

[71] IMPERIAL OIL RESOURCES
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[21] **2,933,966**

[13] A1

[51] **Int.Cl. C10G 1/04 (2006.01) C10C
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[25] EN

[54] **PARAFFINIC FROTH
TREATMENT WITH
CONTROLLED AGGREGATION**

[54] **TRAITEMENT DE MOUSSE
PARAFFINIQUE A AGREGATION
CONTROLEE**

[72] NAIR, HARI, US

[72] LEE, ANITA S., US

[72] SUTTON, CLAY R., US

[72] CHEN, CHIEN-CHIANG, US

[72] ABEL, KEITH A., CA

[71] EXXONMOBIL UPSTREAM
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[13] A1
[51] **Int.Cl. G06F 12/0866 (2016.01) G06F 17/30 (2006.01)**
[25] EN
[54] **DATA DEDUPLICATION METHOD AND STORAGE ARRAY**
[54] **METHODE DE DEDOUBLEMENT DE DONNEES ET RESEAU DE STOCKAGE**
[72] ZHANG, WEI, CN
[72] LV, XIANHONG, CN
[72] WEI, MINGCHANG, CN
[72] ZHANG, CHENYI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-02-04
[86] 2014-09-15 (PCT/CN2014/086530)
[87] (2920004)

[21] **2,923,135**
[13] A1
[51] **Int.Cl. A63H 33/40 (2006.01)**
[25] EN
[54] **BLOWOUT**
[54] **SANS-GENE**
[72] YAMAMOTO, HIROKAZU, JP
[72] KIMURA, YOSHIKATSU, JP
[72] KARIYA, AKEMI, JP
[72] FUJIMURA, YOSHIO, JP
[71] FUJIMURA, YOSHIO, JP
[71] YAMAMOTO, HIROKAZU, JP
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[87] (2923135)
[30] JP (2014-252847) 2014-12-15

[21] **2,923,673**
[13] A1
[51] **Int.Cl. B32B 27/16 (2006.01) A47L 13/10 (2006.01) B32B 5/18 (2006.01) B32B 37/00 (2006.01)**
[25] EN
[54] **UV TREATED SCRUBBING ARTICLES AND METHODS OF MAKING SAME**
[54] **ARTICLES DE BROSSAGE TRAITES AUX UV ET METHODES DE FABRICATION DESDITS ARTICLES**
[72] DAVELOOSE, PAUL N., US
[72] COLE, MATTHEW S., US
[72] GUNES, IBRAHIM S., US
[72] YE, SHENG, US
[72] CORN, STEWART H., US
[72] VASHISTHA, DEVAL Y., US
[72] SHINDE, SHRIDHAR B., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US

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[86] 2016-02-04 (PCT/US2016/016617)
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[21] **2,923,858**
[13] A1
[51] **Int.Cl. A47L 17/08 (2006.01)**
[25] EN
[54] **MULTIPURPOSE CONSUMER SCRUBBING CLOTHS AND METHODS OF MAKING SAME**
[54] **LINGETTES NETTOYANTES PERSONNELLES MULTIUSAGES ET METHODES DE FABRICATION ASSOCIEES**
[72] DAVELOOSE, PAUL N., US
[72] COLE, MATTHEW S., US
[72] GUNES, IBRAHIM S., US
[72] BOLUKBASI, IREM, US
[72] GILMAN, ANN M., US
[72] SMITH, MATTHEW R., US
[72] RAITHEL, DAVID C., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2016-03-15
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[87] (2923858)
[30] US (62/121,808) 2015-02-27

[21] **2,926,913**
[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) G01R 31/02 (2006.01) G01R 19/04 (2006.01) H02P 31/00 (2006.01) H05B 1/02 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **LOAD DRIVER CIRCUIT AND LOAD SHORT-CIRCUIT DETECTION CIRCUIT**
[54] **CIRCUIT D'ENTRAINEMENT DE CHARGE ET CIRCUIT DE DETECTION DE COURT-CIRCUIT DE CHARGE**
[72] OHKI, ISAO, JP
[71] SHINDENGEN ELECTRIC MANUFACTURING CO., LTD., JP
[85] 2016-04-11
[86] 2015-02-23 (PCT/JP2015/054970)
[87] (2926913)

[21] **2,927,030**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) B60Q 1/04 (2006.01) B60Q 1/26 (2006.01)**
[25] EN
[54] **LED DRIVER CIRCUIT**
[54] **CIRCUIT DE COMMANDE DE DEL**
[72] OHKI, ISAO, JP
[71] SHINDENGEN ELECTRIC MANUFACTURING CO., LTD., JP
[85] 2016-04-12
[86] 2015-02-23 (PCT/JP2015/054966)
[87] (2927030)

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[13] A1

[51] **Int.Cl. G01V 1/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COUPLING A SEISMIC SENSOR TO THE GROUND**
[54] **SYSTEME ET METHODE DE RACCORDEMENT D'UN CAPTEUR SISMIQUE A LA TERRE**
[72] TALAALOUT, ABDELKRIM, FR
[72] BRIZARD, THIERRY, FR
[71] CGG SERVICES SA, FR
[85] 2016-04-21
[86] 2015-11-09 (PCT/IB2015/002259)
[87] (2927529)
[30] US (62/126,726) 2015-03-02
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[30] US (62/218,033) 2015-09-14

[21] **2,928,645**
[13] A1

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[25] EN
[54] **IMAGE-BASED TRAJECTORY ROBOT PROGRAMMING PLANNING APPROACH**
[54] **APPROCHE DE PLANIFICATION DE PROGRAMMATION DE ROBOT PAR TRAJECTOIRE A BASE D'IMAGES**
[72] VAKANSKI, ALEKSANDAR, US
[72] JANABI-SHARIFI, FARROKH, CA
[71] VAKANSKI, ALEKSANDAR, US
[71] JANABI-SHARIFI, FARROKH, CA
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[30] US (61/895,721) 2013-10-25

[21] **2,932,792**
[13] A1

[51] **Int.Cl. A01G 9/14 (2006.01) A01G 9/24 (2006.01)**
[25] EN
[54] **MULTILEVEL CLOSED ECOSYSTEM GREENHOUSE**
[54] **SERRE A ECOSYSTEME FERME MULTINIVEAU**
[72] BEAULIEU, GASTON, CA
[71] GAIA ECOSYSTEMES INC., CA
[85] 2016-06-08
[86] 2016-02-23 (PCT/CA2016/050180)
[87] (2932792)
[30] CA (2,882,972) 2015-02-24

[21] **2,933,312**
[13] A1

[51] **Int.Cl. A61F 5/41 (2006.01)**
[25] EN
[54] **A DEVICE FOR ENHANCING AND/OR MAINTAINING A PENILE ERECTION**
[54] **UN DISPOSITIF SERVANT A AMELIORER OU MAINTENIR UNE ERECTION PENIENNE**
[72] SHAW, NIGEL ANDREW, CA
[71] EXIA BIOMEDICAL INC., CA
[85] 2016-06-16
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[30] US (62/119,585) 2015-02-23

[21] **2,935,425**
[13] A1

[51] **Int.Cl. H04N 19/53 (2014.01) H04N 19/523 (2014.01)**
[25] EN
[54] **REPRESENTING MOTION VECTORS IN AN ENCODED BITSTREAM**
[54] **REPRESENTATION DE VECTEURS DE MOUVEMENT DANS UN FLUX BINAIRE CODE**
[72] SILKIN, SERGEY, US
[72] SABLIN, SERGEY, US
[72] ZHOU, YOU, US
[72] LIN, CHIH-LUNG, US
[72] LEE, MING-CHIEH, US
[72] SULLIVAN, GARY J., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[30] US (61/925,108) 2014-01-08
[30] US (61/934,506) 2014-01-31
[30] US (14/530,625) 2014-10-31

[21] **2,935,472**
[13] A1

[51] **Int.Cl. C12N 15/85 (2006.01) C12N 5/0735 (2010.01) A01K 67/027 (2006.01) C07K 14/735 (2006.01)**
[25] EN
[54] **NON-HUMAN ANIMALS HAVING HUMANIZED FC-GAMMA RECEPTORS**
[54] **ANIMAUX NON HUMAINS AYANT DES RECEPTEURS FC-GAMMA HUMANISES**
[72] MURPHY, ANDREW J., US
[72] MACDONALD, LYNN, US
[72] CAGAN, GURER, US
[72] MEAGHER, KAROLINA A., US
[72] TU, NAXIN, US
[71] REGENERON PHARMACEUTICALS, INC., US
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[87] (WO2015/157415)
[30] US (61/977,037) 2014-04-08

[21] **2,935,515**
[13] A1

[51] **Int.Cl. B65G 13/10 (2006.01)**
[25] EN
[54] **TRANSFERRING ASSEMBLY FOR CONVEYING SYSTEMS**
[54] **ENSEMBLE DE TRANSFERT POUR DES SYSTEMES DE TRANSPORT**
[72] SPECHT, DIETER, CH
[71] AVANCON SA, CH
[85] 2016-06-29
[86] 2015-02-09 (PCT/IB2015/050953)
[87] (WO2015/121786)
[30] IT (RM2014A000060) 2014-02-12

[21] **2,935,609**
[13] A1

[51] **Int.Cl. B60R 21/02 (2006.01)**
[25] EN
[54] **LOCKING DEVICE FOR AN AXLE**
[54] **DISPOSITIF DE BLOCAGE DESTINE A UN AXE**
[72] BURGER, GUNTER, DE
[72] SORNIK, FRANK, DE
[72] KRAUS, MICHAEL, DE
[71] MACK RIDES GMBH & CO. KG, DE
[85] 2016-06-30
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[13] A1

[51] **Int.Cl. H04W 52/02 (2009.01) A61B 5/00 (2006.01) G06F 19/00 (2011.01) A61M 5/172 (2006.01)**

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[54] **HANDSET DEVICE**
[54] **DISPOSITIF DE COMBINE**
[72] SHAPLEY, JULIAN, GB
[72] POWELL, MATTHEW, GB
[72] MARTIN, ANTHONY, GB
[71] CELLNOVO LTD, GB
[85] 2016-06-30
[86] 2015-01-30 (PCT/GB2015/050249)
[87] (WO2015/114371)
[30] GB (1401590.3) 2014-01-30

[21] **2,935,650**
[13] A1

[51] **Int.Cl. A23L 5/30 (2016.01)**

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[54] **METHOD OF MAKING SNACK FOODS**
[54] **PROCEDE DE FABRICATION D'ALIMENTS EN-CAS**
[72] BOWS, JOHN RICHARD, GB
[72] BAILEY, RICHARD ANDREW, GB
[72] HERBERT, OLIVER, GB
[71] FRITO-LAY TRADING COMPANY GMBH, CH
[85] 2016-06-30
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[30] GB (1400658.9) 2014-01-15

[21] **2,935,698**
[13] A1

[51] **Int.Cl. C12N 1/21 (2006.01) C12N 15/52 (2006.01) C12P 13/04 (2006.01) C12P 13/08 (2006.01) C12P 13/12 (2006.01)**

[25] EN
[54] **COMPOSITIONS AND METHODS FOR BIOLOGICAL PRODUCTION OF AMINO ACIDS IN HYDROGENOTROPHIC MICROORGANISMS**
[54] **COMPOSITIONS ET PROCEDES POUR LA PRODUCTION BIOLOGIQUE D'ACIDE AMINES CHEZ DES MICRO-ORGANISMES HYDROGENOTROPHES**
[72] BRADSHAW, JILL, US
[72] HU, ZHIHAO, US
[72] KOUBA, JAY, US
[71] TRELYS, INC., US
[85] 2016-06-30
[86] 2015-01-02 (PCT/US2015/010068)
[87] (WO2015/103497)
[30] US (61/923,120) 2014-01-02

[21] **2,935,791**
[13] A1

[51] **Int.Cl. B01J 20/02 (2006.01) A61M 1/14 (2006.01) B01D 27/00 (2006.01) B01J 20/20 (2006.01) B01J 20/30 (2006.01)**

[25] EN
[54] **CARTRIDGES USEFUL IN CLEANING DIALYSIS SOLUTIONS**
[54] **CARTOUCHES UTILES POUR LE NETTOYAGE DE SOLUTIONS DE DIALYSE**
[72] MERCHANT, STEPHEN A., US
[72] ADAMS, KERISSA, US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2016-06-30
[86] 2015-03-13 (PCT/US2015/020311)
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[30] US (61/954,161) 2014-03-17

[21] **2,935,794**
[13] A1

[51] **Int.Cl. B01J 20/28 (2006.01) B01D 15/00 (2006.01) B01J 20/32 (2006.01) B22F 1/00 (2006.01) B22F 1/02 (2006.01) C02F 1/28 (2006.01) C02F 1/48 (2006.01)**

[25] EN
[54] **SILICON COMPRISING POLYMER COATED PARTICLES**
[54] **PARTICULES REVETUES D'UN POLYMERE COMPRENANT DU SILICIUM**
[72] BLASBERG, FLORIAN, DE
[72] LUZ, ANDREAS, DE
[72] SHISHKOV, IGOR, DE
[72] GILBERT, DAVID JOHANN, DE
[72] ROHDE, WOLFGANG, DE
[71] BASF SE, DE
[71] BASF CORPORATION, US
[85] 2016-07-04
[86] 2015-01-22 (PCT/EP2015/051292)
[87] (WO2015/110555)
[30] EP (14152122.9) 2014-01-22

[21] **2,935,893**
[13] A1

[51] **Int.Cl. E05D 7/00 (2006.01) E05D 7/08 (2006.01) E05D 11/00 (2006.01) E05F 3/10 (2006.01) E05F 3/20 (2006.01)**

[25] EN
[54] **LOW-BULKINESS HYDRAULIC HINGE**
[54] **CHARNIERE HYDRAULIQUE A FAIBLE ENCOMBREMENT**
[72] BACCHETTI, LUCIANO, IT
[71] IN & TEC S.R.L., IT
[85] 2016-07-05
[86] 2015-01-27 (PCT/IB2015/050603)
[87] (WO2015/111027)
[30] IT (VI2014A000021) 2014-01-27

[21] **2,935,923**
[13] A1

[51] **Int.Cl. C12M 3/00 (2006.01)**

[25] EN
[54] **DEVICE FOR SEPARATING CELLS IN FLUID**
[54] **DISPOSITIF DE SEPARATION DE CELLULES DANS UN LIQUIDE**
[72] LIU, TAO, CN
[71] THE HUNAN CYCLE FILTER MEDICAL TECHNOLOGY CO., LTD., CN
[85] 2016-07-13
[86] 2015-01-14 (PCT/CN2015/070652)
[87] (2935923)
[30] CN (201410016566.3) 2014-01-14

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[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01) A24B 15/16 (2006.01)**

[25] EN

[54] **ELECTRICALLY HEATED AEROSOL-GENERATING SYSTEM**

[54] **SYSTEME DE GENERATION D'AEROSOL CHAUFFE ELECTRIQUEMENT**

[72] MIRONOV, OLEG, CH

[71] PHILIP MORRIS PRODUCTS S.A., CH

[85] 2016-07-05

[86] 2015-03-17 (PCT/EP2015/055590)

[87] (WO2015/150068)

[30] EP (14162938.6) 2014-03-31

[21] **2,935,969**
[13] A1

[51] **Int.Cl. E06B 9/17 (2006.01) E06B 9/15 (2006.01) E06B 9/58 (2006.01)**

[25] EN

[54] **ROLLER SHUTTER FOR OPENING AND CLOSING A DOORWAY**

[54] **VOLET ROULANT POUR OUVRIR ET FERMER UNE ENTREE DE PORTE**

[72] FREDE, FRIEDHELM, DE

[71] ASSA ABLOY ENTRANCE SYSTEMS AB, SE

[85] 2016-07-05

[86] 2015-03-24 (PCT/EP2015/056301)

[87] (WO2015/144729)

[30] SE (1450346-0) 2014-03-25

[21] **2,935,971**
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01) A24B 15/16 (2006.01)**

[25] EN

[54] **AEROSOL GENERATING DEVICE WITH BATTERY INDICATION**

[54] **DISPOSITIF DE GENERATION D'AEROSOL DOTE D'UNE INDICATION DE BATTERIE**

[72] FARINE, ROBIN, CH

[72] TALON, PASCAL, FR

[72] KOLYRIS, ANGELOS, CH

[71] PHILIP MORRIS PRODUCTS S.A., CH

[85] 2016-07-05

[86] 2015-04-16 (PCT/EP2015/058321)

[87] (WO2015/165747)

[30] EP (14166688.3) 2014-04-30

[21] **2,936,068**
[13] A1

[51] **Int.Cl. A23J 3/04 (2006.01) C11B 1/12 (2006.01)**

[25] EN

[54] **METHOD TO CONVERT INSECTS OR WORMS INTO NUTRIENT STREAMS AND COMPOSITIONS OBTAINED THEREBY**

[54] **PROCEDE POUR CONVERTIR DES INSECTES OU DES VERS EN COURANTS DE NUTRIMENTS ET COMPOSITIONS OBTENUES DE CETTE FACON**

[72] ARSIWALLA, TARIQUE, NL

[72] AARTS, KEES WILHELMUS PETRUS, NL

[71] PROTIX BIOSYSTEMS B.V., NL

[85] 2016-07-06

[86] 2014-02-07 (PCT/NL2014/050077)

[87] (WO2014/123420)

[30] NL (2010268) 2013-02-07

[30] US (61/761,735) 2013-02-07

[21] **2,936,075**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01)**

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[54] **HUMAN ANTIBODIES TO PD-1**

[54] **ANTICORPS HUMAINS SE LIANT A PD-1**

[72] PAPADOPOULOS, NICHOLAS J., US

[72] MURPHY, ANDREW J., US

[72] THURSTON, GAVIN, US

[72] IOFFE, ELLA, US

[72] BUROVA, ELENA, US

[71] REGENERON PHARMACEUTICALS, INC., US

[85] 2016-07-06

[86] 2015-01-23 (PCT/US2015/012589)

[87] (WO2015/112800)

[30] US (61/930,576) 2014-01-23

[30] US (62/014,181) 2014-06-19

[21] **2,936,101**
[13] A1

[51] **Int.Cl. G08G 5/06 (2006.01) B64D 47/08 (2006.01) G08G 5/04 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR GROUND COLLISION AVOIDANCE**

[54] **SYSTEMES ET PROCEDES D'EVITEMENT DE COLLISION AVEC LE SOL**

[72] BAER, JOSHUA J., US

[72] THOREEN, ADAM M., US

[72] WYCKOFF, PETER N., US

[71] THE BOEING COMPANY, US

[85] 2016-07-06

[86] 2014-12-08 (PCT/US2014/069163)

[87] (WO2015/134078)

[30] US (14/200,650) 2014-03-07

[21] **2,936,123**
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01) G05B 19/042 (2006.01)**

[25] EN

[54] **PERSONAL LIFE MANAGER (PLM) SYSTEM AND METHOD**

[54] **SYSTEME DE GESTIONNAIRE DE VIE PERSONNELLE ET METHODE**

[72] PIKE, CHAD R., US

[72] LOWERY, AUSTIN, US

[72] SKONIECZNY, JEFFREY, US

[72] BABCOCK, THOMAS, US

[72] CAMP, GRAY, US

[72] FEATHERMAN, JOHN, US

[71] FILLMORE WEST INVESTMENT TRUST, US

[85] 2016-07-14

[86] 2016-02-02 (PCT/US2016/016130)

[87] (2936123)

[30] US (62/110,734) 2015-02-02

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[21] **2,936,157**
[13] A1

[51] **Int.Cl. C07H 21/04 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **COVERED SEQUENCE CONVERSION DNA AND DETECTION METHODS**
[54] **ADN POUR CONVERSION DE SEQUENCES ET PROCEDES DE DETECTION**
[72] KOMIYA, KEN, JP
[72] KOMORI, MAKOTO, JP
[72] YOSHIMURA, TORU, JP
[71] ABBOTT JAPAN CO., LTD, JP
[71] TOKYO INSTITUTE OF TECHNOLOGY, JP
[85] 2016-07-07
[86] 2015-01-15 (PCT/IB2015/000726)
[87] (WO2015/114469)
[30] US (61/927,710) 2014-01-15

[21] **2,936,160**
[13] A1

[51] **Int.Cl. A24F 13/18 (2006.01) A24F 15/18 (2006.01)**
[25] EN
[54] **A CAP FOR EXTINGUISHING A SMOKING ARTICLE**
[54] **CAPUCHON PERMETTANT D'ETEINDRE UN ARTICLE A FUMER**
[72] LAVANCHY, FREDERIC, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2016-07-07
[86] 2015-05-29 (PCT/EP2015/062034)
[87] (WO2015/181379)
[30] EP (14170707.5) 2014-05-30

[21] **2,936,499**
[13] A1

[51] **Int.Cl. A61B 50/10 (2016.01) A61B 50/15 (2016.01) A61B 50/18 (2016.01) F16M 11/18 (2006.01) F16M 11/28 (2006.01) F16M 11/34 (2006.01)**
[25] FR
[54] **EXTRA-HOSPITAL MEDICAL WORKSTATION**
[54] **STATION DE TRAVAIL MEDICALE EXTRA-HOSPITALIERE**
[72] MERCIER, SAMUEL, FR
[71] INNOVATIVE MEDICAL PARTNERS, FR
[85] 2016-07-11
[86] 2015-01-16 (PCT/EP2015/050807)
[87] (WO2015/107165)
[30] FR (1400095) 2014-01-17

[21] **2,936,526**
[13] A1

[51] **Int.Cl. E06B 9/58 (2006.01) E06B 9/13 (2006.01) E06B 9/56 (2006.01) E06B 9/68 (2006.01) E06B 9/88 (2006.01) E06B 9/92 (2006.01)**
[25] EN
[54] **FAST ROLL-UP DOOR COMPRISING A CURTAIN SPEED DETECTION DEVICE**
[54] **PORTE A ENROULEMENT RAPIDE COMPRENANT UN DISPOSITIF DE DETECTION DE VITESSE DE RIDEAU**
[72] LORENZANI, MAURO, IT
[72] VECCHI, ARMANDO, IT
[71] ASSA ABLOY ENTRANCE SYSTEMS AB, SE
[85] 2016-07-11
[86] 2015-02-10 (PCT/EP2015/052764)
[87] (WO2015/121256)
[30] SE (1450154-8) 2014-02-12

[21] **2,936,564**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/10 (2006.01)**
[25] EN
[54] **METHODS FOR GENERATING DOUBLE STRANDED DNA LIBRARIES AND SEQUENCING METHODS FOR THE IDENTIFICATION OF METHYLATED CYTOSINES**
[54] **METHODES DE GENERATION DE LIBRAIRIES D'ADN A DOUBLE BRIN ET METHODES DE SEQUENCAGE DESTINEES A L'IDENTIFICATION DE CYTOSINES METHYLATEES**
[72] PEINADO MORALES, MIGUEL A., ES
[72] COLL MULET, LLORENC, ES
[71] FUNDACIO PRIVADA INSTITUT DE MEDICINA PREDICTIVA I PERSONALITZADA DEL CANCER, ES
[71] COLL MULET, LLORENC, ES
[85] 2016-07-06
[86] 2015-01-07 (PCT/EP2015/050182)
[87] (WO2015/104302)
[30] EP (14382002.5) 2014-01-07

[21] **2,936,575**
[13] A1

[51] **Int.Cl. A63G 21/18 (2006.01) A63G 7/00 (2006.01) A63G 21/04 (2006.01)**
[25] EN
[54] **WATER RIDE HAVING A VARIABLE WATER LEVEL**
[54] **MANEGE AQUATIQUE A NIVEAU D'EAU VARIABLE**
[72] SORNIK, FRANK, DE
[72] GORDT, DENNIS, DE
[71] MACK RIDES GMBH & CO. KG, DE
[85] 2016-07-12
[86] 2015-03-11 (PCT/EP2015/055010)
[87] (WO2015/135963)
[30] DE (102014103226.8) 2014-03-11

[21] **2,936,586**
[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01) H04W 12/04 (2009.01)**
[25] EN
[54] **ASSISTED DEVICE PROVISIONING IN A NETWORK**
[54] **FOURNITURE ASSISTEE DE SERVICES DE DISPOSITIF DANS UN RESEAU**
[72] BENOIT, OLIVIER JEAN, US
[72] MALINEN, JOUNI KALEVI, US
[72] TINNAKORNSRISUPHAP, PEERAPOL, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-07-11
[86] 2015-02-09 (PCT/US2015/014992)
[87] (WO2015/120373)
[30] US (61/937,891) 2014-02-10
[30] US (61/996,812) 2014-05-14
[30] US (14/616,551) 2015-02-06

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[21] **2,936,589**
[13] A1

[51] **Int.Cl. H04W 4/02 (2009.01) H04W 4/22 (2009.01) H04W 64/00 (2009.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR RETURNING AN EARLY POSITIONING FIX**

[54] **PROCEDES ET SYSTEMES PERMETTANT DE RENVOYER UN RELEVÉ DE POSITIONNEMENT PRECOCE**

[72] JIANG, YONGJIN, US

[72] EDGE, STEPHEN WILLIAM, US

[72] BURROUGHS, KIRK ALLAN, US

[72] FISCHER, SVEN, US

[72] LIN, IE-HONG, US

[71] QUALCOMM INCORPORATED, US

[85] 2016-07-11

[86] 2015-02-11 (PCT/US2015/015501)

[87] (WO2015/123356)

[30] US (61/938,694) 2014-02-12

[30] US (62/033,617) 2014-08-05

[30] US (14/581,580) 2014-12-23

[21] **2,936,660**
[13] A1

[51] **Int.Cl. A23K 10/30 (2016.01)**

[25] EN

[54] **MEAT PET FOOD PRODUCTS LACKING WHEAT GLUTEN**

[54] **PRODUITS ALIMENTAIRES A LA VIANDE POUR ANIMAUX DE COMPAGNIE SANS GLUTEN DE BLE**

[72] RAYNER, JEAN LUZ, US

[72] SAYLOCK, MICHAEL J., US

[72] RADE-KUKIC, KORALJKA, CH

[72] GLORIA-HERNANDEZ, HUGO, CH

[72] HUGO, JULIEN, CH

[71] NESTEC S.A., CH

[85] 2016-07-12

[86] 2015-01-28 (PCT/IB2015/050656)

[87] (WO2015/114543)

[30] US (61/933,000) 2014-01-29

[21] **2,936,712**
[13] A1

[51] **Int.Cl. A61K 31/7088 (2006.01) C12N 15/113 (2010.01) A61K 31/7125 (2006.01)**

[25] EN

[54] **CHIRAL DESIGN**

[54] **CONCEPTION CHIRALE**

[72] MEENA, US

[72] BUTLER, DAVID, US

[72] IWAMOTO, NAOKI, US

[72] SVRZIKAPA, NENAD, US

[72] VERDINE, GREGORY L., US

[72] ZLATEV, IVAN, US

[71] WAVE LIFE SCIENCES LTD., SG

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[30] US (61/928,405) 2014-01-16

[30] US (62/063,359) 2014-10-13

[21] **2,936,726**
[13] A1

[51] **Int.Cl. C12N 15/85 (2006.01) A61K 45/00 (2006.01) C12N 15/86 (2006.01)**

[25] EN

[54] **MUSCLE-SPECIFIC NUCLEIC ACID REGULATORY ELEMENTS AND METHODS AND USE THEREOF**

[54] **ELEMENTS REGULATEURS D'ACIDE NUCLEIQUE EXPRIME DANS UN MUSCLE, METHODES ET UTILISATION ASSOCIEES**

[72] VANDENDRIESSCHE, THIERRY, BE

[72] CHUAH, MARINEE, BE

[72] DE BLESER, PIETER, BE

[71] VRIJE UNIVERSITEIT BRUSSEL, BE

[71] VIB VZW, BE

[71] UNIVERSITEIT GENT, BE

[85] 2016-07-13

[86] 2015-01-21 (PCT/EP2015/051081)

[87] (WO2015/110449)

[30] EP (14151960.3) 2014-01-21

[21] **2,936,773**
[13] A1

[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/1486 (2006.01)**

[25] EN

[54] **SENSORS FOR CONTINUOUS ANALYTE MONITORING, AND RELATED METHODS**

[54] **CAPTEURS PERMETTANT UNE SURVEILLANCE CONTINUE D'ANALYTES ET PROCEDES ASSOCIES**

[72] SIMPSON, PETER C., US

[72] BLACKWELL, JENNIFER, US

[72] BOHM, SEBASTIAN, US

[72] ESTES, MICHAEL J., US

[72] JACKSON, JEFF, US

[72] MITCHELL, JASON, US

[72] PRYOR, JACK, US

[72] RONG, DAITING, US

[72] SAINT, SEAN T., US

[72] SHETH, DISHA B., US

[72] WANG, SHANGER, US

[71] DEXCOM, INC., US

[85] 2016-07-13

[86] 2015-03-16 (PCT/US2015/020796)

[87] (WO2015/156966)

[30] US (14/250,320) 2014-04-10

[30] US (14/250,341) 2014-04-10

[21] **2,936,774**
[13] A1

[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/01 (2006.01) A61B 5/11 (2006.01) A61M 5/172 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **GLYCEMIC URGENCY ASSESSMENT AND ALERTS INTERFACE**

[54] **EVALUATION D'URGENCE GLYCEMIQUE ET INTERFACE D'ALERTE**

[72] RACK-GOMER, ANNA LEIGH, US

[72] HAMPAPURAM, HARI, US

[72] KAMATH, APURV ULLAS, US

[72] REIHMAN, ELI, US

[72] BOWMAN, LEIF N., US

[72] GARCIA, ARTURO, US

[72] BHAVARAJU, NARESH C., US

[72] DRAEGER, RIAN, US

[72] KRAMER, PAUL, US

[72] NOBLE-CAMPBELL, PAUL, US

[72] GRUBSTEIN, KATHERINE YERRE, US

[71] DEXCOM, INC., US

[85] 2016-07-13

[86] 2015-03-16 (PCT/US2015/020778)

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[30] US (61/978,151) 2014-04-10

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[21] **2,936,795**
[13] A1

[51] **Int.Cl. B61B 7/00 (2006.01) B65G 21/04 (2006.01) B66C 21/08 (2006.01)**
[25] EN
[54] **A BELT-CONVEYING AERIAL SYSTEM**
[54] **SYSTEME DE TRANSPORT A BANDE AERIEN**
[72] ANDREETTO, ALESSANDRO, IT
[71] LEITNER S.P.A., IT
[85] 2016-07-12
[86] 2015-01-30 (PCT/IB2015/050724)
[87] (WO2015/114583)
[30] IT (TO2014A000073) 2014-01-31

[21] **2,936,825**
[13] A1

[51] **Int.Cl. H04L 27/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INCREASING SPOT BEAM SATELLITE BANDWIDTH**
[54] **SYSTEME ET PROCEDE PERMETTANT D'AUGMENTER LA LARGEUR DE BANDE D'UN SATELLITE A FAISCEAU ETROIT**
[72] POTTER, ROBERT, US
[72] DAUGHTRIDGE, STUART, US
[72] ORNDORFF, TIMOTHY, US
[71] KRATOS INTEGRAL HOLDINGS, LLC, US
[85] 2016-07-13
[86] 2015-01-22 (PCT/US2015/012509)
[87] (WO2015/160409)
[30] US (61/930,802) 2014-01-23

[21] **2,936,873**
[13] A1

[51] **Int.Cl. A61F 13/02 (2006.01) A61K 9/00 (2006.01) A61K 31/155 (2006.01) A61K 33/38 (2006.01) A61M 1/00 (2006.01) A61M 27/00 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR APPLYING CLOSED INCISION NEGATIVE PRESSURE WOUND THERAPY**
[54] **PROCEDES ET DISPOSITIFS POUR L'APPLICATION D'UNE THERAPIE PAR PRESSION NEGATIVE SUR UNE INCISION FERMEE**
[72] WU, KENNETH, US
[72] HU, DEAN, US
[71] SPIRACUR INC., US
[85] 2016-07-13
[86] 2015-02-11 (PCT/US2015/015477)
[87] (WO2015/123340)
[30] US (61/938,625) 2014-02-11

[21] **2,936,939**
[13] A1

[51] **Int.Cl. B26B 21/48 (2006.01) B26B 21/40 (2006.01)**
[25] EN
[54] **HEATED SHAVING RAZORS**
[54] **RASOIRS CHAUFFANTS**
[72] HODGSON, MATTHEW JAMES, GB
[72] BROEMSE, NORBERT, DE
[72] HEUBACH, KLAUS, DE
[72] SCHMITT, TIMO, DE
[72] SCHIRMER, MAURICE, DE
[72] KOENIG, FELIX, DE
[72] BEHRENDT, JUERGEN, DE
[71] THE GILLETTE COMPANY, US
[85] 2016-07-14
[86] 2015-01-12 (PCT/US2015/010962)
[87] (WO2015/108801)
[30] US (61/927,132) 2014-01-14
[30] US (14/552,836) 2014-11-25

[21] **2,936,942**
[13] A1

[51] **Int.Cl. B26B 21/48 (2006.01) B26B 21/40 (2006.01)**
[25] EN
[54] **HEATED SHAVING RAZORS**
[54] **RASOIRS CHAUFFANTS**
[72] HODGSON, MATTHEW JAMES, GB
[72] BROEMSE, NORBERT, DE
[72] HEUBACH, KLAUS, DE
[72] SCHMITT, TIMO, DE
[72] SCHIRMER, MAURICE, DE
[72] KOENIG, FELIX, DE
[72] BEHRENDT, JUERGEN, DE
[71] THE GILLETTE COMPANY, US
[85] 2016-07-14
[86] 2015-01-12 (PCT/US2015/010971)
[87] (WO2015/108805)
[30] US (61/927,132) 2014-01-14
[30] US (14/552,851) 2014-11-25

[21] **2,936,962**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C12N 15/13 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **ANTIBODY MOLECULES TO LAG-3 AND USES THEREOF**
[54] **MOLECULES D'ANTICORPS ANTI-LAG-3 ET LEURS UTILISATIONS**
[72] TRIEBEL, FREDERIC, FR
[72] BRIGNONE, CHRYSTELLE, FR
[72] BLATTLER, WALTER A., US
[72] MATARAZA, JENNIFER MARIE, US
[72] SABATOS-PEYTON, CATHERINE ANNE, US
[72] CHANG, HWAI WEN, US
[72] FREY, GERHARD JOHANN, US
[71] NOVARTIS AG, CH
[71] IMMUTEP S.A., FR
[85] 2016-07-14
[86] 2015-03-13 (PCT/US2015/020474)
[87] (WO2015/138920)
[30] US (61/953,536) 2014-03-14
[30] US (62/059,690) 2014-10-03
[30] US (62/094,889) 2014-12-19

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[21] **2,937,043**
[13] A1

[51] **Int.Cl. C12N 9/24 (2006.01) A23K 20/189 (2016.01) A61K 38/47 (2006.01) A61P 1/14 (2006.01) C12C 11/00 (2006.01) C12N 15/56 (2006.01) C12N 15/63 (2006.01) C12P 21/02 (2006.01)**

[25] EN
[54] **PROTEIN**
[54] **PROTEINE**
[72] LORENTSEN, RIKKE HOEEGH, DK
[72] ARENT LUND, SUSAN, DK
[72] NIKOLAEV, IGOR, NL
[72] HENDRIK A VAN TUIJL, JAN, NL
[72] KOOPS, BART, NL
[71] DUPONT NUTRITION BIOSCIENCES APS, DK
[85] 2016-07-15
[86] 2015-01-30 (PCT/EP2015/051982)
[87] (WO2015/114112)
[30] GB (1401648.9) 2014-01-31

[21] **2,937,063**
[13] A1

[51] **Int.Cl. A24B 15/14 (2006.01) A24B 3/14 (2006.01) A24B 13/00 (2006.01) A24F 47/00 (2006.01)**

[25] EN
[54] **INDUCTIVELY HEATABLE TOBACCO PRODUCT**
[54] **PRODUIT DE TABAC POUVANT ETRE CHAUFFE PAR INDUCTION**
[72] MIRONOV, OLEG, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2016-07-15
[86] 2015-05-21 (PCT/EP2015/061197)
[87] (WO2015/177252)
[30] EP (14169187.3) 2014-05-21

[21] **2,937,065**
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**

[25] EN
[54] **INDUCTIVE HEATING DEVICE AND SYSTEM FOR AEROSOL GENERATION**
[54] **DISPOSITIF DE CHAUFFAGE PAR INDUCTION ET SYSTEME DE GENERATION D'AEROSOL**
[72] MIRONOV, OLEG, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2016-07-15
[86] 2015-05-21 (PCT/EP2015/061198)
[87] (WO2015/177253)
[30] EP (14169188.1) 2014-05-21

[21] **2,937,071**
[13] A1

[51] **Int.Cl. A01B 23/02 (2006.01) A01B 39/22 (2006.01)**

[25] EN
[54] **TOOL SYSTEM**
[54] **SYSTEME D'OUTILS**
[72] SMEETS, FLORIAN, DE
[72] KRAMER, ULRICH, DE
[72] SEIFRIED, FABIAN, DE
[71] BETEK GMBH & CO. KG, DE
[85] 2016-07-15
[86] 2015-12-22 (PCT/EP2015/081047)
[87] (WO2016/102600)
[30] DE (10 2014 119 359.8) 2014-12-22

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[13] A1

[51] **Int.Cl. B01J 19/24 (2006.01) B01J 8/06 (2006.01)**

[25] EN
[54] **SEALS FOR USE WITH CATALYST STRUCTURES**
[54] **JOINTS D'ETANCHEITE DESTINES A ETRE UTILISES AVEC DES STRUCTURES CATALYTIQUES ET SUPPORTEES PAR UNE FEUILLE**
[72] WHITTENBERGER, WILLIAM A., US
[72] ROMESBERG, TODD A., US
[72] ZUPONCIC, LOUIS J., US
[72] DEYOUNG, LORNE W., US
[72] BRUNSON, GORDON W., US
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[85] 2016-07-15
[86] 2015-01-29 (PCT/IB2015/000834)
[87] (WO2015/121760)
[30] US (61/932,980) 2014-01-29

[21] **2,937,130**
[13] A1

[51] **Int.Cl. B65D 5/72 (2006.01) B65D 5/18 (2006.01) B65D 5/46 (2006.01)**

[25] EN
[54] **CARTON, CARTON BLANK AND METHOD OF ERECTING AND FILLING A CARTON**
[54] **CARTON, DECOUPE DE CARTON ET PROCEDE PERMETTANT DE DEPLOYER ET DE REMPLIR UN CARTON**
[72] BROWN, ROSIE, GB
[72] SELLERS, JULIAN, GB
[72] DUTTON, GLEN, GB
[71] KRAFT FOODS R&D, INC., US
[85] 2016-07-15
[86] 2015-04-27 (PCT/IB2015/000764)
[87] (WO2015/166341)
[30] GB (GB1407523.8) 2014-04-29

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[13] A1

[51] **Int.Cl. F16C 11/06 (2006.01)**

[25] EN
[54] **KINEMATIC PAIRS**
[54] **PAIRES CINEMATIQUES**
[72] BJORNHOV, TOBIAS, SE
[72] OLSSON, RASMUS, SE
[71] COREBON AB, SE
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[86] 2015-01-16 (PCT/EP2015/050813)
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[30] EP (14151481.0) 2014-01-16

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[21] **2,937,171**
[13] A1

[51] **Int.Cl. C12N 9/24 (2006.01) A23K 20/189 (2016.01) A61K 38/47 (2006.01) A61P 1/14 (2006.01) C12C 11/00 (2006.01) C12N 15/56 (2006.01) C12N 15/63 (2006.01) C12P 21/02 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS COMPRISING A XYLANASE ENZYME VARIANT**

[54] **COMPOSITIONS ET PROCÉDES COMPORTANT UNE VARIANTE D'UNE ENZYME XYLANASE**

[72] LORENTSEN, RIKKE HOEEGH, DK

[72] ARENT LUND, SUSAN, DK

[72] CRAMER, JACOB F., DK

[72] NIKOLAEV, IGOR, NL

[72] VAN DER KLEY, PIM, NL

[71] DUPONT NUTRITION BIOSCIENCES APS, DK

[85] 2016-07-18

[86] 2015-01-30 (PCT/EP2015/051974)

[87] (WO2015/114108)

[30] GB (1401680.2) 2014-01-31

[21] **2,937,177**
[13] A1

[51] **Int.Cl. A01J 25/12 (2006.01) A01J 25/13 (2006.01)**

[25] EN

[54] **A METHOD FOR RELEASING A CHEESE FROM A MOULD**

[54] **PROCÉDE PERMETTANT DE DEMOULER UN FROMAGE D'UN MOULE**

[72] SPIJKERMAN, HARRIE, NL

[71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH

[85] 2016-07-18

[86] 2015-02-10 (PCT/EP2015/052769)

[87] (WO2015/121259)

[30] SE (1450156-3) 2014-02-12

[21] **2,937,278**
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01) A61L 9/03 (2006.01)**

[25] EN

[54] **AEROSOL-GENERATING DEVICES INCORPORATING AN INTERTWINED WICK AND HEATING ELEMENT**

[54] **DISPOSITIFS DE GENERATION D'AEROSOL COMPRENANT UNE MECHE ENTRELACEE ET UN ELEMENT CHAUFFANT**

[72] BUEHLER, FREDERIC, CH

[72] BATISTA, RUI, CH

[71] PHILIP MORRIS PRODUCTS S.A., CH

[85] 2016-07-19

[86] 2015-03-10 (PCT/EP2015/054978)

[87] (WO2015/140012)

[30] EP (14160717.6) 2014-03-19

[21] **2,937,280**
[13] A1

[51] **Int.Cl. A61F 9/007 (2006.01)**

[25] EN

[54] **OPHTHALMIC SURGICAL INSTRUMENT WITH INTERNAL FRAME AND EXTERNAL COATING**

[54] **INSTRUMENT CHIRURGICAL OPHTALMIQUE AYANT UN CADRE INTERNE ET UN REVETEMENT EXTERNE**

[72] SCHALLER, PHILIPP, CH

[71] NOVARTIS AG, CH

[85] 2016-07-19

[86] 2015-03-26 (PCT/EP2015/056641)

[87] (WO2015/165666)

[30] US (14/268,321) 2014-05-02

[21] **2,937,294**
[13] A1

[51] **Int.Cl. E02F 9/02 (2006.01) E02F 5/02 (2006.01) E02F 5/10 (2006.01)**

[25] EN

[54] **TRENCHING APPARATUS WITH LEVELLING MEANS**

[54] **APPAREIL D'EXCAVATION DE TRANCHEES A MOYENS DE NIVELLEMENT**

[72] MANCHESTER, RALPH, GB

[72] WILKINSON, STEPHEN, GB

[71] IHC ENGINEERING BUSINESS LTD, NL

[85] 2016-07-19

[86] 2015-01-23 (PCT/GB2015/050165)

[87] (WO2015/110834)

[30] GB (1401236.3) 2014-01-24

[21] **2,937,357**
[13] A1

[51] **Int.Cl. C02F 1/78 (2006.01)**

[25] EN

[54] **A DEVICE FOR DISINFECTING WATER USING OZONE AND ULTRAVIOLET LIGHT**

[54] **DISPOSITIF POUR LA DESINFECTION DE L'EAU PAR OZONE ET PAR LUMIERE ULTRAVIOLETTE**

[72] GRUBER, EGON, AT

[71] GRUBER, EGON, AT

[85] 2016-07-19

[86] 2015-01-20 (PCT/AT2015/050018)

[87] (WO2015/109353)

[30] AT (A 39/2014) 2014-01-21

[21] **2,937,372**
[13] A1

[51] **Int.Cl. B08B 9/055 (2006.01) F16L 55/38 (2006.01)**

[25] EN

[54] **VARIABLE SPEED PIPELINE PIG WITH INTERNAL FLOW CAVITY**

[54] **RACLEUR DE CANALISATION A VITESSE VARIABLE A CAVITE D'ECOULEMENT INTERNE**

[72] SOLIMAN, MOHAMED AHMED A., SA

[71] SAUDI ARABIAN OIL COMPANY, SA

[85] 2016-07-19

[86] 2015-02-10 (PCT/US2015/015193)

[87] (WO2015/126670)

[30] US (14/187,467) 2014-02-24

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[25] EN	[25] EN	[25] FR
[54] ORALLY AVAILABLE COMPOUNDS, A PROCESS FOR PREPARING THE SAME AND THEIR USES AS ANTI-ADHESIVE DRUGS FOR TREATING E. COLI INDUCED INFLAMMATORY BOWEL DISEASES SUCH AS CROHN'S DISEASE	[54] MHC CLASS I EPITOPE DELIVERING POLYPEPTIDES	[54] USE OF A CODE FOR MARKING A NACELLE
[54] COMPOSES DISPONIBLES PAR VOIE ORALE, PROCEDE POUR LEUR PREPARATION ET LEURS UTILISATIONS COMME MEDICAMENTS ANTI-ADHERENCES POUR LE TRAITEMENT DE MALADIES INTESTINALES INFLAMMATOIRES INDUITES PAR E. COLI, TELLES QUE LA MALADIE DE CROHN	[54] EPITOPE DU CMH DE CLASSE I DISTRIBUANT DES POLYPEPTIDES	[54] UTILISATION D'UN CODE COMME MARQUAGE D'UNE NACELLE
[72] BOUCKAERT, JULIE, BE	[72] POMA, ERIC, US	[72] EPHERRE-IRIART, SERGE, FR
[72] GOUIN, SEBASTIEN, FR	[72] WILLERT, ERIN, US	[72] LECOSSAIS, ERIC, FR
[72] SIVIGNON, ADELINE, FR	[71] MOLECULAR TEMPLATES, INC., US	[72] VILLION, JEROME, FR
[72] ALVAREZ-DORTA, DIMITRI, FR	[85] 2016-07-19	[72] DEFRESNE, THIERRY, FR
[72] YAMAKAWA, NAO, FR	[86] 2015-01-26 (PCT/US2015/012968)	[71] AIRCELLE, THIRY
[72] DUMYCH, TETIANA, UA	[87] (WO2015/113005)	[85] 2016-07-19
[72] DARFEUILLE-MICHAUD, ARLETTE (DECEASED), FR	[30] US (61/932,000) 2014-01-27	[86] 2015-02-06 (PCT/FR2015/050288)
[72] BILYY, ROSTYSLAV, UA	[30] US (62/049,325) 2014-09-11	[87] (WO2015/118273)
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR		[30] FR (1450920) 2014-02-06
[71] UNIVERSITE D'AUVERGNE, FR		
[71] UNIVERSITE DES SCIENCES ET TECHNOLOGIES DE LILLE 1, FR		
[71] UNIVERSITE DE NANTES, FR		
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR		
[85] 2016-07-19		
[86] 2015-01-23 (PCT/EP2015/051415)		
[87] (WO2015/110609)		
[30] EP (14305107.6) 2014-01-24		
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	[25] EN	[25] EN
	[54] DE-IMMUNIZED SHIGA TOXIN A SUBUNIT EFFECTOR POLYPEPTIDES FOR APPLICATIONS IN MAMMALS	[54] METHOD FOR EVALUATING BIOAVAILABLE ZINC
	[54] POLYPEPTIDES EFFECTEURS DESIMMUNISES A SOUS-UNITES A DE SHIGA-TOXINES POUR APPLICATIONS CHEZ LES MAMMIFERES	[54] PROCEDE D'EVALUATION DE ZINC BIODISPONIBLE
	[72] POMA, ERIC, US	[72] HAUGHT, JOHN CHRISTIAN, US
	[72] WILLERT, ERIN, US	[72] SREEKRISHNA, KOTIKANYADANAM TATACHAR, US
	[72] ROBINSON, GARRETT LEE, US	[72] LIN, YAKANG, US
	[72] RAJAGOPALAN, SANGEETHA, US	[71] THE PROCTER & GAMBLE COMPANY, US
	[72] BRIESCHKE, BRIGITTE, US	[85] 2016-07-19
	[71] MOLECULAR TEMPLATES, INC., US	[86] 2015-02-27 (PCT/US2015/017894)
	[85] 2016-07-19	[87] (WO2015/130999)
	[86] 2015-01-26 (PCT/US2015/012970)	[30] US (61/945,437) 2014-02-27
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	[30] US (61/932,000) 2014-01-27	
	[30] US (62/049,325) 2014-09-11	

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[13] A1

[51] **Int.Cl. A61B 10/02 (2006.01) F16H 25/20 (2006.01)**
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[54] **BIOPSY DEVICE**
[54] **DISPOSITIF DE BIOPSIE**
[72] STAND, JOSEPH A., III, US
[72] THOMPSON, KEVIN M., US
[72] ULM, CHRISTIAN M., US
[72] OYOLA, ARNOLD, US
[72] SAFIR, FAREEHA, US
[72] ROBERTSON, DANIEL, US
[72] FISK, THOMAS, US
[72] WOLTON, PETER, US
[71] HOLOGIC, INC., US
[85] 2016-07-19
[86] 2015-09-24 (PCT/US2015/052004)
[87] (WO2016/049347)
[30] US (62/055,610) 2014-09-25

[21] **2,937,425**
[13] A1

[51] **Int.Cl. A61B 10/02 (2006.01) F16H 25/20 (2006.01)**
[25] EN
[54] **BIOPSY DEVICE WITH ASPIRATION VALVE**
[54] **DISPOSITIF DE BIOPSIE AVEC SOUPE D'ASPIRATION**
[72] WOLTON, PETER, US
[72] ROBERTSON, DANIEL, US
[72] FISK, THOMAS, US
[72] STAND, JOSEPH A., III, US
[72] ULM, CHRISTIAN M., US
[72] PIERCE, CARL, US
[71] HOLOGIC, INC., US
[85] 2016-07-19
[86] 2015-09-24 (PCT/US2015/052017)
[87] (WO2016/049354)
[30] US (62/055,338) 2014-09-25

[21] **2,937,435**
[13] A1

[51] **Int.Cl. A23F 3/16 (2006.01)**
[25] EN
[54] **BEVERAGE CONCENTRATE WITH TEA FLAVOUR**
[54] **CONCENTRE DE BOISSON PRESENTANT UN AROME DE THE**
[72] MONNIER, VIVIANNE, CH
[72] CHAN, LAI YI, CH
[71] GIVAUDAN SA, CH
[85] 2016-07-20
[86] 2015-02-16 (PCT/EP2015/000334)
[87] (WO2015/120988)
[30] GB (1402745.2) 2014-02-17

[21] **2,937,456**
[13] A1

[51] **Int.Cl. C02F 3/28 (2006.01) C02F 3/00 (2006.01)**
[25] EN
[54] **REDUCTION OF THE AMOUNT OF SULPHUR COMPOUNDS IN A SULPHUR COMPOUNDS CONTAMINATED WASTEWATER STREAM USING A GRANULAR SLUDGE TREATMENT SYSTEM**
[54] **REDUCTION DE LA QUANTITE DE COMPOSES DE SOUFRE DANS UN FLUX D'EAUX USEES CONTAMINEES PAR DES COMPOSES DE SOUFRE A L'AIDE D'UN SYSTEME DE TRAITEMENT DE BOUE GRANULAIRE**
[72] BAKKE, RUNE, NO
[72] DINAMARCA, CARLOS ANTONIO SALDIAS, NO
[72] FRANKE, WOLFRAM, NO
[71] YARA INTERNATIONAL ASA, NO
[85] 2016-07-20
[86] 2015-02-05 (PCT/EP2015/052374)
[87] (WO2015/118048)
[30] NO (20140141) 2014-02-05

[21] **2,937,502**
[13] A1

[51] **Int.Cl. C12Q 1/00 (2006.01) A01K 67/027 (2006.01) C12N 15/85 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS FOR ASSESSING WHETHER A GENETIC REGION IS ASSOCIATED WITH INFERTILITY**
[54] **METHODES PERMETTANT D'EVALUER SI UNE REGION GENETIQUE EST ASSOCIEE A L'INFERTILITE**
[72] BEIM, PIRAYE YURTTAS, US
[72] ELASHOFF, MICHAEL, US
[71] CELMATIX, INC., US
[85] 2016-07-20
[86] 2015-01-26 (PCT/US2015/012887)
[87] (WO2015/112972)
[30] US (61/932,233) 2014-01-27

[21] **2,937,512**
[13] A1

[51] **Int.Cl. A61L 9/014 (2006.01)**
[25] EN
[54] **LONG LASTING FRESHENING COMPOSITIONS**
[54] **COMPOSITIONS RAFAICHISSANTES DE LONGUE DUREE**
[72] WILLIAMS, KRISTIN RHEDRICK, US
[72] COLINA, CARLA JEAN, US
[72] MUI, MICHAEL DAVID O'YOUNG, US
[72] MORGAN, GEORGE KAVIN, III, US
[72] DIERSING, STEVEN LOUIS, US
[72] TRUJILLO, RAFAEL, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-07-20
[86] 2015-01-28 (PCT/US2015/013278)
[87] (WO2015/119813)
[30] US (14/172,106) 2014-02-04

[21] **2,937,524**
[13] A1

[51] **Int.Cl. C40B 40/08 (2006.01) C12N 15/10 (2006.01) C12Q 1/68 (2006.01) C40B 50/06 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **METHODS OF SCREENING, SELECTING, AND IDENTIFYING CYTOTOXIC RECOMBINANT POLYPEPTIDES BASED ON AN INTERIM DIMINUTION OF RIBOTOXICITY**
[54] **PROCEDES DE CRIBLAGE, DE SELECTION ET D'IDENTIFICATION DE POLYPEPTIDES DE RECOMBINAISON CYTOTOXIQUES FONDES SUR UNE DIMINUTION PROVISOIRE DE LA RIBOTOXICITE**
[72] POMA, ERIC, US
[72] WILLERT, ERIN, US
[72] KIM, JASON, US
[72] HIGGINS, JACK, US
[71] MOLECULAR TEMPLATES, INC., US
[85] 2016-07-20
[86] 2015-02-04 (PCT/US2015/014472)
[87] (WO2015/120058)
[30] US (61/936,255) 2014-02-05

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[13] A1

[51] **Int.Cl. C07K 1/22 (2006.01) A23J 1/14 (2006.01)**
[25] EN
[54] **NOVEL SEPARATION PROCESSES FOR PEA PROTEIN**
[54] **NOUVEAUX PROCEDES DE SEPARATION POUR PROTEINE DE PETIT POIS**
[72] LIHME, ALLAN OTTO FOG, DK
[72] HANSEN, MARIE BENDIX, DK
[72] PONTOPPIDAN, MARTIN, DK
[71] UPFRONT CHROMATOGRAPHY A/S, DK
[85] 2016-07-21
[86] 2015-01-29 (PCT/EP2015/051798)
[87] (WO2015/114045)
[30] DK (PA201470040) 2014-01-29

[21] **2,937,599**
[13] A1

[51] **Int.Cl. C12N 9/24 (2006.01) A23K 20/189 (2016.01) A61K 38/47 (2006.01) A61P 1/14 (2006.01) C12C 11/00 (2006.01) C12N 15/56 (2006.01) C12N 15/63 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **PROTEIN**
[54] **PROTEINE**
[72] LORENTSEN, RIKKE HOEEGH, DK
[72] ARENT LUND, SUSAN, DK
[72] HAANING, SVEND, DK
[72] NIKOLAEV, IGOR, NL
[72] BARENDS, SHARIEF, NL
[72] HENDRIK A VAN TUIJL, JAN, NL
[72] KOOPS, BART, NL
[71] DUPONT NUTRITION BIOSCIENCES APS, DK
[85] 2016-07-21
[86] 2015-01-30 (PCT/EP2015/051979)
[87] (WO2015/114110)
[30] GB (1401699.2) 2014-01-31

[21] **2,937,611**
[13] A1

[51] **Int.Cl. C12P 21/02 (2006.01) C12N 5/02 (2006.01)**
[25] EN
[54] **MODULATION OF CELL GROWTH AND GLYCOSYLATION IN RECOMBINANT GLYCOPROTEIN PRODUCTION**
[54] **MODULATION DE LA CROISSANCE CELLULAIRE ET DE LA GLYCOSYLATION DANS LA PRODUCTION DE GLYCOPROTEINES DE RECOMBINAISON**
[72] POPP, OLIVER, DE
[72] BEAUCAMP, NICOLA, DE
[72] DRABNER, GEORG, DE
[72] ESSLINGER, STEPHANIE, DE
[71] F.HOFFMANN-LA ROCHE AG, CH
[85] 2016-07-21
[86] 2015-02-24 (PCT/EP2015/053804)
[87] (WO2015/128314)
[30] EP (14157030.9) 2014-02-27

[21] **2,937,613**
[13] A1

[51] **Int.Cl. A61K 38/39 (2006.01) A23L 2/52 (2006.01) A23L 2/66 (2006.01) A61K 8/64 (2006.01) A61K 8/67 (2006.01) A61K 9/08 (2006.01) A61K 31/375 (2006.01) A61P 17/00 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **SKIN ENHANCING BEVERAGE COMPOSITION**
[54] **COMPOSITION DE BOISSON AMELIORANT LA PEAU**
[72] RAPER, PIERS, GB
[72] HAIG, CHRISTIAAN, GB
[72] EJIFOR, OBI, GB
[72] RAPER, RICHARD, BS
[71] BOTTLED SCIENCE LIMITED, GB
[85] 2016-07-21
[86] 2014-01-23 (PCT/GB2014/050179)
[87] (WO2014/114939)
[30] GB (1301191.1) 2013-01-23
[30] GB (1319355.2) 2013-11-01

[21] **2,937,614**
[13] A1

[51] **Int.Cl. B01F 15/00 (2006.01) B01F 7/16 (2006.01) C02F 1/00 (2006.01) F16C 17/24 (2006.01)**
[25] EN
[54] **STIRRING DEVICE FOR WASTEWATER**
[54] **DISPOSITIF D'AGITATION D'EAUX USEES**
[72] HOFKEN, MARCUS, DE
[71] INVENT UMWELT- UND VERFAHRENSTECHNIK AG, DE
[85] 2016-07-21
[86] 2015-03-02 (PCT/EP2015/054299)
[87] (WO2015/135783)
[30] DE (10 2014 204 824.9) 2014-03-14

[21] **2,937,661**
[13] A1

[51] **Int.Cl. A01K 1/00 (2006.01) A01K 1/03 (2006.01)**
[25] EN
[54] **MOUNTABLE AND VENTILATED DOGHOUSE**
[54] **NICHE MONTABLE ET VENTILEE**
[72] BAIOCCHI, RENZO, IT
[71] BAMA S.P.A., IT
[85] 2016-07-21
[86] 2015-02-17 (PCT/IB2015/051162)
[87] (WO2015/125069)
[30] IT (CZ2014A000004) 2014-02-20

[21] **2,937,711**
[13] A1

[51] **Int.Cl. C12N 5/0783 (2010.01) A61K 35/17 (2015.01) A61K 39/00 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **CELLS FOR IMMUNOTHERAPY ENGINEERED FOR TARGETING ANTIGEN PRESENT BOTH ON IMMUNE CELLS AND PATHOLOGICAL CELLS**
[54] **CELLULES DESTINEES A L'IMMUNOTHERAPIE MODIFIEES POUR CIBLER UN ANTIGENE PRESENT A LA FOIS SUR LES CELLULES IMMUNITAIRES ET LES CELLULES PATHOLOGIQUES**
[72] DUCHATEAU, PHILIPPE, FR
[72] POIROT, LAURENT, FR
[71] CELLECTIS, FR
[85] 2016-07-22
[86] 2015-02-13 (PCT/EP2015/053162)
[87] (WO2015/121454)
[30] DK (PA201470076) 2014-02-14

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[13] A1

[51] **Int.Cl. A61F 5/56 (2006.01) A61C 7/08 (2006.01) A61C 7/36 (2006.01)**

[25] EN

[54] **MANDIBULAR ADVANCEMENT DEVICE, AND A METHOD AND KIT FOR PREPARING SAID DEVICE**

[54] **DISPOSITIF D'AVANCEMENT MANDIBULAIRE, ET UNE METHODE ET UNE TROUSSE DE PREPARATION DUDIT DISPOSITIF**

[72] ANITUA ALDECOA, EDUARDO, ES

[71] BIOTECHNOLOGY INSTITUTE, I MAS D, S.L., ES

[85] 2016-07-22

[86] 2015-01-30 (PCT/ES2015/070065)

[87] (WO2015/118201)

[30] ES (P201400094) 2014-02-06

[21] **2,937,717**
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01) H05B 6/10 (2006.01)**

[25] EN

[54] **AEROSOL-FORMING SUBSTRATE AND AEROSOL-DELIVERY SYSTEM**

[54] **SUBSTRAT GENERATEUR D'AEROSOL ET SYSTEME DE DISTRIBUTION D'AEROSOL**

[72] MIRONOV, OLEG, CH

[72] ZINOVIK, IHAR NIKOLAEVICH, CH

[71] PHILIP MORRIS PRODUCTS S.A., CH

[85] 2016-07-22

[86] 2015-05-21 (PCT/EP2015/061217)

[87] (WO2015/177263)

[30] EP (14169192.3) 2014-05-21

[21] **2,937,719**
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01) H05B 6/10 (2006.01)**

[25] EN

[54] **AEROSOL-FORMING SUBSTRATE AND AEROSOL-DELIVERY SYSTEM**

[54] **SUBSTRAT DE FORMATION D'AEROSOL ET SYSTEME D'ADMINISTRATION D'AEROSOL**

[72] MIRONOV, OLEG, CH

[72] ZINOVIK, IHAR NIKOLAEVICH, CH

[71] PHILIP MORRIS PRODUCTS S.A., CH

[85] 2016-07-22

[86] 2015-05-21 (PCT/EP2015/061218)

[87] (WO2015/177264)

[30] EP (14169193.1) 2014-05-21

[21] **2,937,722**
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01) H05B 6/10 (2006.01)**

[25] EN

[54] **AEROSOL-FORMING SUBSTRATE AND AEROSOL-DELIVERY SYSTEM**

[54] **SUBSTRAT DE FORMATION D'AEROSOL ET SYSTEME D'ADMINISTRATION D'AEROSOL**

[72] MIRONOV, OLEG, CH

[71] PHILIP MORRIS PRODUCTS S.A., CH

[85] 2016-07-22

[86] 2015-05-21 (PCT/EP2015/061219)

[87] (WO2015/177265)

[30] EP (14169194.9) 2014-05-21

[21] **2,937,737**
[13] A1

[51] **Int.Cl. B23C 5/24 (2006.01) B23B 51/10 (2006.01) B23C 5/10 (2006.01)**

[25] EN

[54] **CUTTING TOOL HAVING ADJUSTABLE INSERT CUTTING ANGLE**

[54] **OUTIL DE COUPE AVEC ANGLE DE COUPE DE PLAQUETTE REGLABLE**

[72] SASHIN, ALEXANDER, IL

[71] ISCAR LTD., IL

[85] 2016-07-22

[86] 2015-01-27 (PCT/IL2015/050095)

[87] (WO2015/125130)

[30] US (14/184,431) 2014-02-19

[21] **2,937,774**
[13] A1

[51] **Int.Cl. A61C 13/15 (2006.01) A61C 5/12 (2006.01)**

[25] EN

[54] **DENTAL WEDGE WITH INDUCTIVELY POWERED CURING LED**

[54] **COIN DENTAIRE AYANT UNE DEL DE DURCISSEMENT A ALIMENTATION PAR INDUCTION**

[72] MCDONALD, SIMON PAUL, NZ

[71] DENTSPLY INTERNATIONAL INC., US

[85] 2016-07-21

[86] 2015-03-30 (PCT/US2015/023333)

[87] (WO2015/153454)

[30] NZ (623236) 2014-03-31

[21] **2,937,804**
[13] A1

[51] **Int.Cl. E21B 17/07 (2006.01) E21B 47/01 (2012.01) E21B 47/024 (2006.01)**

[25] EN

[54] **ISOLATING MULE SHOE**

[54] **RAMPE D'ORIENTATION ISOLANTE**

[72] CUNE, GREGG, US

[72] CHUKINAS, JONATHAN, US

[72] SMID, JOHN P., US

[71] LORD CORPORATION, US

[85] 2016-07-22

[86] 2015-01-23 (PCT/US2015/012620)

[87] (WO2015/112821)

[30] US (61/931,264) 2014-01-24

[21] **2,937,812**
[13] A1

[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/315 (2006.01)**

[25] EN

[54] **AUTOMATIC INJECTION DEVICE**

[54] **DISPOSITIF D'INJECTION AUTOMATIQUE**

[72] BENDEK, ANTONIO, US

[72] GIAMBATTISTA, LUCIO, US

[72] LAIOSA, JOHN, US

[71] CAREBAY EUROPE LTD, MT

[85] 2016-07-25

[86] 2015-01-30 (PCT/EP2015/051889)

[87] (WO2015/121080)

[30] SE (1450171-2) 2014-02-14

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[21] **2,937,818**
[13] A1

[51] **Int.Cl. C12N 9/44 (2006.01) C12N 9/28 (2006.01) C12N 9/34 (2006.01) C12P 19/14 (2006.01) C13K 1/00 (2006.01)**

[25] EN

[54] **COMPOSITIONS FOR PRODUCING GLUCOSE SYRUPS**

[54] **COMPOSITIONS POUR LA PRODUCTION DE SIROPS DE GLUCOSE**

[72] FUKUYAMA, SHIRO, DK

[72] AYABE, KEIICHI, DK

[71] NOVOZYMES A/S, DK

[85] 2016-07-25

[86] 2015-02-06 (PCT/EP2015/052545)

[87] (WO2015/118123)

[30] EP (14154239.9) 2014-02-07

[30] EP (14195687.0) 2014-12-01

[21] **2,937,828**
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 4/00 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR EXTRACTING MONOCOT EMBRYOS**

[54] **PROCEDES ET SYSTEMES D'EXTRACTION D'EMBRYONS MONOCOTYLEDONES**

[72] BRUNK, DONALD H., US

[72] DEEVER, MARK WILLIAM, US

[72] JANSEEN, CHRISTOPHER ALLEN, US

[72] MONGAN, JOSHUA LUKE, US

[72] MULLINS, PATRICK RYAN, US

[72] MOSHER, LARRY CHARLES, US

[72] SUTHER, JACOB PATRICK, US

[72] WILLE, JEFFREY DALE, US

[71] PIONEER HI-BRED INTERNATIONAL, INC., US

[71] E.I. DU PONT DE NEMOURS AND COMPANY, US

[85] 2016-07-22

[86] 2015-03-06 (PCT/US2015/019145)

[87] (WO2015/134852)

[30] US (61/949,819) 2014-03-07

[21] **2,937,831**
[13] A1

[51] **Int.Cl. F01K 7/36 (2006.01) F01C 1/077 (2006.01) F01K 13/00 (2006.01)**

[25] EN

[54] **A DRIVE UNIT WITH ITS DRIVE TRANSMISSION SYSTEM AND CONNECTED OPERATING HEAT CYCLES AND FUNCTIONAL CONFIGURATIONS**

[54] **UNITE D'ENTRAINEMENT AYANT SON SYSTEME DE TRANSMISSION D'ENTRAINEMENT AINSI QUE CYCLES THERMIQUES FONCTIONNELS ET CONFIGURATIONS FONCTIONNELLES ASSOCIES**

[72] OLIVOTTI, SERGIO, IT

[71] I.V.A.R. S.P.A., IT

[85] 2016-07-25

[86] 2015-02-02 (PCT/IB2015/050787)

[87] (WO2015/114602)

[30] IT (BS2014A000031) 2014-02-03

[30] IT (BS2014A000032) 2014-02-03

[21] **2,937,832**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**

[25] EN

[54] **METHODS FOR DETECTING MULTIPLE NUCLEIC ACIDS IN A SAMPLE**

[54] **PROCEDES POUR DETECTER PLUSIEURS ACIDES NUCLEIQUES DANS UN ECHANTILLON**

[72] ULLRICH, THOMAS, DE

[71] ALERE TECHNOLOGIES GMBH, DE

[85] 2016-07-25

[86] 2015-02-23 (PCT/EP2015/053759)

[87] (WO2015/124779)

[30] GB (1403076.1) 2014-02-21

[21] **2,937,835**
[13] A1

[51] **Int.Cl. H04W 4/06 (2009.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR COORDINATING AN OPERATION OF MULTIPLE MOBILE DEVICES IN A GROUP CALL**

[54] **PROCEDE ET APPAREIL POUR COORDONNER UNE OPERATION DE DISPOSITIFS MOBILES MULTIPLES DANS UN APPEL DE GROUPE**

[72] KALBURGI, KIRAN, IN

[72] PAI, MADHUSUDAN, US

[72] SHETTI, SHRINIVAS, IN

[71] MOTOROLA SOLUTIONS, INC., US

[85] 2016-07-25

[86] 2015-01-22 (PCT/US2015/012360)

[87] (WO2015/116461)

[30] US (14/168,566) 2014-01-30

[21] **2,937,844**
[13] A1

[51] **Int.Cl. C07C 209/68 (2006.01) C07C 209/84 (2006.01) C07C 263/10 (2006.01) C12P 13/00 (2006.01)**

[25] EN

[54] **PRODUCTION OF ANILINE VIA ANTHRANILATE**

[54] **PRODUCTION D'ANILINE PAR L'ANTHRANILATE**

[72] JAEGER, GERNOT, DE

[72] MAGNUS, JORGEN, DE

[72] MOUSSA, AMGAD SALAH, DE

[71] COVESTRO DEUTSCHLAND AG, DE

[85] 2016-07-25

[86] 2015-02-19 (PCT/EP2015/053524)

[87] (WO2015/124686)

[30] EP (14155937.7) 2014-02-20

[30] EP (14196431.2) 2014-12-05

Demandes PCT entrant en phase nationale

[21] **2,937,853**
[13] A1

[51] **Int.Cl. B21C 51/00 (2006.01) B21C 47/18 (2006.01) B21C 47/34 (2006.01)**

[25] EN

[54] **STATION FOR INSPECTING ROLLED STRIPS IN COILS**

[54] **STATION D'INSPECTION DE BANDES LAMINEES EN BOBINES**

[72] SCHREIBER, MARCO, IT

[72] BRESSAN, LUCA, IT

[71] DANIELI & C. OFFICINE MECCANICHE S.P.A., IT

[85] 2016-07-25

[86] 2015-01-27 (PCT/IB2015/050607)

[87] (WO2015/111028)

[30] IT (MI2014A000104) 2014-01-27

[21] **2,937,928**
[13] A1

[51] **Int.Cl. C08F 230/06 (2006.01) C08F 220/20 (2006.01) C08L 43/00 (2006.01) C10M 145/14 (2006.01)**

[25] FR

[54] **LUBRICATING COMPOSITIONS COMPRISING THERMOASSOCIATIVE AND EXCHANGEABLE COPOLYMERS**

[54] **COMPOSITIONS LUBRIFIANTES COMPRENANT DES COPOLYMERES THERMOASSOCIATIFS ET ECHANGEABLES**

[72] NGUYEN, THI HANG NGA, FR

[72] NICOLAY, RENAUD, FR

[72] IOVINE, RAPHAELE, FR

[72] ILIOPOULOS, ILIAS, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR

[71] TOTAL MARKETING SERVICES, FR

[71] ECOLE SUPERIEURE DE PHYSIQUE ET DE CHIMIE INDUSTRIELLES DE LA VILLE DE PARIS (ESPCI), FR

[85] 2016-07-25

[86] 2015-01-26 (PCT/EP2015/051518)

[87] (WO2015/110643)

[30] FR (1450657) 2014-01-27

[21] **2,937,945**
[13] A1

[51] **Int.Cl. G06N 3/04 (2006.01) G06N 3/10 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR EFFICIENT IMPLEMENTATION OF COMMON NEURON MODELS**

[54] **PROCEDE ET APPAREIL PERMETTANT UNE MISE EN ŒUVRE EFFICACE DE MODELES NEURONAUX COURANTS**

[72] SARAH, ANTHONY, US

[72] LEVIN, JEFFREY ALEXANDER, US

[72] GEHLHAAR, JEFFREY BAGINSKY, US

[71] QUALCOMM INCORPORATED, US

[85] 2016-07-25

[86] 2015-02-12 (PCT/US2015/015637)

[87] (WO2015/130476)

[30] US (61/946,051) 2014-02-28

[30] US (14/267,394) 2014-05-01

[21] **2,937,980**
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01) A61M 11/04 (2006.01) A61M 15/06 (2006.01) H05B 3/34 (2006.01)**

[25] EN

[54] **AN AEROSOL-GENERATING SYSTEM HAVING A HEATER ASSEMBLY AND A CARTRIDGE FOR AN AEROSOL-GENERATING SYSTEM HAVING A FLUID PERMEABLE HEATER ASSEMBLY**

[54] **SYSTEME DE GENERATION D'AEROSOL COMPORTANT UN ENSEMBLE DE CHAUFFAGE ET CARTOUCHE POUR UN SYSTEME DE GENERATION D'AEROSOL COMPORTANT UN ENSEMBLE DE CHAUFFAGE PERMEABLE AUX FLUIDES**

[72] MIRONOV, OLEG, CH

[72] BATISTA, RUI NUNO, CH

[71] PHILIP MORRIS PRODUCTS S.A., CH

[85] 2016-07-26

[86] 2014-12-15 (PCT/EP2014/077843)

[87] (WO2015/117704)

[30] EP (14154553.3) 2014-02-10

[21] **2,937,999**
[13] A1

[51] **Int.Cl. B60W 20/16 (2016.01) B60K 6/445 (2007.10) B60K 6/00 (2007.10) B60K 13/04 (2006.01) B60W 10/06 (2006.01) B60W 10/08 (2006.01) B60W 10/26 (2006.01) B60W 20/00 (2016.01)**

[25] EN

[54] **HYBRID VEHICLE AND CONTROL METHOD FOR HYBRID VEHICLE**

[54] **VEHICULE HYBRIDE ET PROCEDE DE COMMANDE POUR VEHICULE HYBRIDE**

[72] NAWATA, HIDEKAZU, JP

[72] ABE, TSUKASA, JP

[72] INOUE, TOSHIO, JP

[72] FUKUI, KEITA, JP

[72] HONDA, TOMOAKI, JP

[72] NIWA, YUTA, JP

[72] OSAWA, TAICHI, JP

[71] TOYOTA JIDOSHA KUBUSHIKI KAISHA, JP

[85] 2016-07-26

[86] 2015-01-26 (PCT/IB2015/000071)

[87] (WO2015/114441)

[30] JP (2014-013226) 2014-01-28

[21] **2,938,015**
[13] A1

[51] **Int.Cl. C12N 9/64 (2006.01) A23C 19/04 (2006.01)**

[25] EN

[54] **VARIANTS OF CHYMOSIN WITH IMPROVED MILK-CLOTTING PROPERTIES**

[54] **VARIANTS DE LA CHYMOSINE PRESENTANT DE MEILLEURES PROPRIETES DE COAGULATION DU LAIT**

[72] VAN DEN BRINK, JOHANNES MAARTEN, DK

[72] JENSEN, JESPER LANGHOLM, DK

[72] JACOBSEN, JONAS, DK

[72] LUND, MARTIN, DK

[72] JEPPESEN, IBEN, DK

[72] JAECKEL, CHRISTIAN, DK

[71] CHR. HANSEN A/S, DK

[85] 2016-07-26

[86] 2015-02-26 (PCT/EP2015/054020)

[87] (WO2015/128417)

[30] EP (14156707.3) 2014-02-26

[30] EP (14176664.2) 2014-07-11

PCT Applications Entering the National Phase

[21] **2,938,021**
[13] A1

[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/06 (2006.01)**
[25] EN
[54] **SELF-RETAINING SUTURE DEVICE WITH ASYMMETRIC RETAINERS AND METHOD OF MAKING SAME**
[54] **DISPOSITIF DE SUTURE AUTOSTATIQUE AVEC ELEMENTS DE CONTENTION ASYMETRIQUES ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] LINDH, DAVID C., SR., US
[72] ROUSSEAU, ROBERT A., US
[71] ETHICON, INC., US
[85] 2016-07-26
[86] 2015-01-15 (PCT/US2015/011530)
[87] (WO2015/112416)
[30] US (61/931,727) 2014-01-27

[21] **2,938,040**
[13] A1

[51] **Int.Cl. A61B 50/30 (2016.01) A61B 50/33 (2016.01) A61B 90/90 (2016.01) A61B 90/92 (2016.01) A61B 90/96 (2016.01) A61B 90/98 (2016.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PREVENTING WRONG-SITE SURGERIES**
[54] **SYSTEME ET PROCEDE POUR EMPECHER DES CHIRURGIES MAL SITUEES**
[72] KHAJAVI, KAVEH, US
[71] STARTBOX, LLC, US
[85] 2016-07-26
[86] 2014-12-30 (PCT/US2014/072780)
[87] (WO2015/103279)
[30] US (14/143,920) 2013-12-30

[21] **2,938,052**
[13] A1

[51] **Int.Cl. C12N 1/20 (2006.01) C12N 1/22 (2006.01)**
[25] EN
[54] **RAPID ACTING LACTOBACILLUS STRAINS AND THEIR USE TO IMPROVE AEROBIC STABILITY OF SILAGE**
[54] **SOUCHES DE LACTOBACILLUS A ACTION RAPIDE ET LEUR UTILISATION POUR AMELIORER LA STABILITE AEROBIE D'UN ENSILAGE**
[72] HARMAN, ELIZABETH, US
[72] RUTHERFORD, WILLIAM, US
[72] SMILEY, BRENDA KAY, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2016-07-26
[86] 2015-02-25 (PCT/US2015/017516)
[87] (WO2015/134254)
[30] US (14/200,231) 2014-03-07

[21] **2,938,058**
[13] A1

[51] **Int.Cl. B21D 25/00 (2006.01) B21D 25/02 (2006.01) B21D 25/04 (2006.01) B21D 37/02 (2006.01)**
[25] EN
[54] **RECONFIGURABLE METAL FORMING APPARATUS**
[54] **APPAREIL DE FORMAGE DE METAL RECONFIGURABLE**
[72] LEACOCK, ALAN, GB
[71] UNIVERSITY OF ULSTER, GB
[85] 2016-07-27
[86] 2015-01-27 (PCT/EP2015/051565)
[87] (WO2015/113954)
[30] GB (1401474.0) 2014-01-29

[21] **2,938,097**
[13] A1

[51] **Int.Cl. A23D 9/02 (2006.01) A61K 35/612 (2015.01) A23D 9/007 (2006.01) A61P 3/02 (2006.01) A61P 3/06 (2006.01)**
[25] EN
[54] **KRILL OIL PREPARATIONS WITH OPTIMAL MINERAL AND METAL COMPOSITION, LOW IMPURITIES AND LOW AND STABLE TMA LEVELS**
[54] **PREPARATIONS D'HUILE DE KRILL PRESENTANT UNE COMPOSITION DE MINERAUX ET METAUX OPTIMALE, UNE FAIBLE TENEUR EN IMPURETES ET DES TAUX DE TMA FAIBLES ET STABLES**
[72] RONEN, LIAT, IL
[72] NUMA, RAN, IL
[72] BEN-DROR, GAI, IL
[71] ENZYMOTEC LTD., IL
[85] 2016-07-27
[86] 2015-02-10 (PCT/IB2015/000131)
[87] (WO2015/121733)
[30] US (61/938,599) 2014-02-11

[21] **2,938,111**
[13] A1

[51] **Int.Cl. C07K 19/00 (2006.01) A61K 39/395 (2006.01) A61K 47/48 (2006.01) A61K 51/10 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 35/04 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **ANTIBODIES AGAINST THE MUC1-C/EXTRACELLULAR DOMAIN (MUC1-C/ECD)**
[54] **ANTICORPS CONTRE LE DOMAINE EXTRACELLULAIRE DE MUC1-C (MUC1-C/ECD)**
[72] KUFEL, DONALD W., US
[72] KHARBANDA, SURENDER, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[71] GENUS ONCOLOGY, LLC, US
[85] 2016-07-27
[86] 2015-01-29 (PCT/US2015/013410)
[87] (WO2015/116753)
[30] US (61/933,001) 2014-01-29

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[21] 2,938,144 [13] A1	[21] 2,938,150 [13] A1	[21] 2,938,189 [13] A1
[51] Int.Cl. C12P 19/16 (2006.01) C12N 11/00 (2006.01)	[51] Int.Cl. C12N 1/18 (2006.01) C12P 7/06 (2006.01)	[51] Int.Cl. A61M 5/172 (2006.01) A61B 90/96 (2016.01) A61M 5/168 (2006.01) G06F 19/00 (2011.01)
[25] EN	[25] EN	[25] EN
[54] ENZYMATIC HYDROLYSIS OF DISACCHARIDES AND OLIGOSACCHARIDES USING ALPHA-GLUCOSIDASE ENZYMES	[54] PROCESSES FOR PRODUCING ETHANOL AND YEAST PROCEDES DE PRODUCTION D'ETHANOL ET DE LEVURE	[54] SYSTEM AND METHOD FOR ASSURING PATIENT MEDICATION AND FLUID DELIVERY AT THE CLINICAL POINT OF USE
[54] HYDROLYSE ENZYMATIQUE DE DISACCHARIDES ET D'OLIGOSACCHARIDES A L'AIDE D'ENZYMES ALPHA-GLUCOSIDASES	[72] HEADMAN, JENNIFER, US	[54] SYSTEME ET PROCEDE PERMETTANT D'ASSURER L'ADMINISTRATION DE MEDICAMENT ET DE FLUIDE AU SITE D'UTILISATION CLINIQUE
[72] NAGY, KEVIN D., US	[72] SHIHADDEH, KATIE, US	[72] BURKHOLZ, JONATHAN KARL, US
[72] HAGO, ERWIN COLUMBUS, US	[72] SAUNDERS, JEREMY, US	[72] O'BRYAN, JEFF, US
[72] SHETTY, JAYARAMA K., US	[72] CRAIG, JOYCE, US	[71] BECTON, DICKINSON AND COMPANY, US
[72] HENNESSEY, SUSAN MARIE, US	[72] STEVENS, MARK, US	[85] 2016-07-27
[72] DICOSIMO, ROBERT, US	[72] VIDAL, BERNARDO, JR., US	[86] 2015-01-29 (PCT/US2015/013478)
[72] HUA, LING, US	[72] MATTHEWS, JOHN, US	[87] (WO2015/116794)
[72] RAMIREZ, RODRIGO, BR	[72] CLARK, SUZANNE, US	[30] US (61/933,024) 2014-01-29
[72] TANG, ZHONGMEI, CN	[72] AKERMAN, MICHAEL, US	
[72] YU, ZHEYONG, CN	[72] ATTFIELD, PAUL VICTOR, AU	
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US	[72] BELL, PHILLIP JOHN LIVINGSTONE, AU	
[85] 2016-07-27	[71] NOVOZYMES A/S, DK	
[86] 2015-02-26 (PCT/US2015/017644)	[71] MICROBIOGEN PTY. LTD., AU	
[87] (WO2015/130881)	[85] 2016-07-27	
[30] US (61/945,233) 2014-02-27	[86] 2015-03-20 (PCT/US2015/021754)	
[30] US (61/945,241) 2014-02-27	[87] (WO2015/143324)	
[30] US (62/004,300) 2014-05-29	[30] AU (2014901009) 2014-03-21	
[30] US (62/004,305) 2014-05-29	[30] US (62/021,276) 2014-07-07	
[30] US (62/004,308) 2014-05-29	[30] US (62/078,198) 2014-11-11	
[30] US (62/004,290) 2014-05-29	[30] US (62/093,852) 2014-12-18	
[30] US (62/004,312) 2014-05-29		
[30] US (62/004,314) 2014-05-29		
[30] CN (PCT/CN2015/073269) 2015-02-25		
	[21] 2,938,185 [13] A1	[21] 2,938,191 [13] A1
	[51] Int.Cl. H04H 60/82 (2009.01) H04H 20/44 (2009.01) H04H 20/95 (2009.01) H04H 40/18 (2009.01) H04H 60/15 (2009.01)	[51] Int.Cl. C07D 307/79 (2006.01) A61K 31/343 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01)
	[25] EN	[25] EN
	[54] RECEIVING APPARATUS, RECEIVING METHOD, TRANSMITTING APPARATUS, AND TRANSMITTING METHOD	[54] FUSED HETEROCYCLIC COMPOUND
	[54] APPAREIL DE RECEPTION, PROCEDE DE RECEPTION, APPAREIL D'EMISSION ET PROCEDE D'EMISSION	[54] COMPOSE HETEROCYCLIQUE FUSIONNE
	[72] KITAHARA, JUN, JP	[72] SASAKI, MINORU, JP
	[72] KITAZATO, NAOHISA, JP	[72] KAKEGAWA, KEIKO, JP
	[72] YAMAGISHI, YASUAKI, JP	[72] KIKUCHI, FUMIAKI, JP
	[71] SONY CORPORATION, JP	[72] IKEDA, ZENICHI, JP
	[85] 2016-07-28	[72] NISHIKAWA, YOICHI, JP
	[86] 2015-02-04 (PCT/JP2015/000500)	[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
	[87] (WO2015/122152)	[85] 2016-07-28
	[30] JP (2014-026224) 2014-02-14	[86] 2015-02-12 (PCT/JP2015/000639)
		[87] (WO2015/122187)
		[30] JP (2014-025832) 2014-02-13

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[21] **2,938,208**
[13] A1

[51] **Int.Cl. G01N 1/10 (2006.01) A61B 90/90 (2016.01) A61B 90/96 (2016.01) A61B 5/15 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR COLLECTION CONFIRMATION AND SAMPLE TRACKING AT THE CLINICAL POINT OF USE**

[54] **SYSTEME ET PROCEDE DE CONFIRMATION DE COLLECTE ET DE SUIVI D'ECHANTILLONS AU SITE D'UTILISATION CLINIQUE**

[72] BURKHOLZ, JONATHAN KARL, US

[72] O'BRYAN, JEFF, US

[71] BECTON, DICKINSON AND COMPANY, US

[85] 2016-07-27

[86] 2015-01-29 (PCT/US2015/013500)

[87] (WO2015/116805)

[30] US (61/933,034) 2014-01-29

[21] **2,938,231**
[13] A1

[51] **Int.Cl. C12N 9/12 (2006.01) C12N 1/20 (2006.01) C12P 7/46 (2006.01)**

[25] EN

[54] **IMPROVED MICROORGANISMS FOR SUCCINIC ACID PRODUCTION**

[54] **MICROORGANISMES AMELIORES POUR LA PRODUCTION D'ACIDE SUCCINIQUE**

[72] KRAWCZYK, JOANNA MARTYNA, DE

[72] HAEFNER, STEFAN, DE

[72] SCHRODER, HARTWIG, DE

[72] DANTAS COSTA, ESTHER, DE

[72] ZELDER, OSKAR, DE

[72] VON ABENDROTH, GREGORY, US

[72] WITTMANN, CHRISTOPH, DE

[72] STELLMACHER, RENE, DE

[72] BECKER, JUDITH, DE

[72] LANGE, ANNA, DE

[72] LYONS, BENJAMIN J., US

[72] LYONS, THOMAS J., US

[72] DE CRECY, EUDES, US

[72] HUGHES, EWA, US

[71] BASF SE, DE

[85] 2016-07-28

[86] 2015-02-02 (PCT/EP2015/052048)

[87] (WO2015/117916)

[30] EP (14154302.5) 2014-02-07

[30] EP (14176517.2) 2014-07-10

[21] **2,938,274**
[13] A1

[51] **Int.Cl. E04F 15/02 (2006.01) B44C 1/22 (2006.01) B44C 5/04 (2006.01)**

[25] EN

[54] **PANEL WITH RUSTIC CHAMFER AND METHOD FOR PRODUCING SAID PANEL**

[54] **PANNEAU A CHANFREIN RUSTIQUE ET PROCEDE DE FABRICATION DE CELUI-CI**

[72] DURNBERGER, GERHARD, AT

[72] WALLINGER, ANDREAS, AT

[72] KRALLINGER, RUPERT, AT

[71] KAINDL FLOORING GMBH, AT

[85] 2016-07-28

[86] 2015-05-06 (PCT/EP2015/059927)

[87] (WO2015/169838)

[30] DE (10 2014 208 742.2) 2014-05-09

[21] **2,938,294**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61K 31/5377 (2006.01) A61P 25/00 (2006.01) C07D 519/00 (2006.01)**

[25] EN

[54] **SUBSTITUTED [1,2,4]TRIAZOLO[1,5-A]PYRIMIDIN-7-YL COMPOUNDS AS PDE2 INHIBITORS**

[54] **COMPOSES DE [1,2,4]TRIAZOLO[1,5-A]PYRIMIDIN-7-YLE SUBSTITUES UTILISABLES EN TANT QU'INHIBITEURS DE PDE2**

[72] BREITENBUCHER, JAMES, US

[72] FREESTONE, GRAEME, US

[72] GOMEZ, LAURENT, US

[72] LEMUS, ROBERT, US

[72] LY, KIEV, US

[72] MCCARRICK, MARGARET, US

[72] VERNIER, WILLIAM, US

[72] VICKERS, TROY, US

[71] DART NEUROSCIENCE, LLC, US

[85] 2016-07-29

[86] 2015-04-22 (PCT/US2015/027102)

[87] (WO2015/164508)

[30] US (61/983,387) 2014-04-23

[21] **2,938,304**
[13] A1

[51] **Int.Cl. B65G 47/82 (2006.01) B65G 47/71 (2006.01) B65G 47/76 (2006.01)**

[25] EN

[54] **DIVERSION APPARATUS**

[54] **APPAREIL DE DEVIATION**

[72] GOUDY, ERIC SHAWN, US

[72] CASSONI, ROBERT PAUL, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2016-07-29

[86] 2015-03-23 (PCT/US2015/021934)

[87] (WO2015/148342)

[30] US (14/225,553) 2014-03-26

[21] **2,938,332**
[13] A1

[51] **Int.Cl. G01N 33/48 (2006.01) C12Q 1/68 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **METHOD FOR DETERMINATION OF THE STATUS OF A DISEASE**

[54] **PROCEDE POUR LA DETERMINATION DE L'ETAT D'UNE MALADIE**

[72] HALL, JAN, SE

[71] NOBEL BIOCARE SERVICES AG, CH

[85] 2016-07-29

[86] 2015-01-29 (PCT/EP2015/051783)

[87] (WO2015/117881)

[30] GB (1402036.6) 2014-02-06

[21] **2,938,338**
[13] A1

[51] **Int.Cl. A23L 19/12 (2016.01) A23P 10/25 (2016.01)**

[25] EN

[54] **SNACK FOOD PELLETS**

[54] **GRANULES POUR PRODUITS DE GRIGNOTAGE**

[72] LINTER, BRUCE R, GB

[72] ALLEN, RACHAEL, GB

[71] FRITO-LAY TRADING COMPANY GMBH, CH

[85] 2016-07-29

[86] 2015-02-05 (PCT/EP2015/052395)

[87] (WO2015/118060)

[30] GB (1401966.5) 2014-02-05

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[21] **2,938,341**
[13] A1

[51] **Int.Cl. C07C 323/51 (2006.01) C07C 319/18 (2006.01) C08K 5/375 (2006.01) C09J 11/06 (2006.01) C09K 15/14 (2006.01)**

[25] FR

[54] **SULFUR-CONTAINING PHENOL DERIVATIVES**

[54] **DERIVES PHENOLIQUES SOUFRES**

[72] SAINT-LOUIS-AUGUSTIN, PASCAL, FR

[72] CAZAUX, JEAN-BENOIT, FR

[71] ARKEMA FRANCE, FR

[85] 2016-07-28

[86] 2015-02-17 (PCT/FR2015/050385)

[87] (WO2015/124862)

[30] FR (FR1451369) 2014-02-20

[21] **2,938,343**
[13] A1

[51] **Int.Cl. C11B 3/00 (2006.01) C11B 1/10 (2006.01) C11B 11/00 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING VITAMINE E-ENRICHED, ESPECIALLY TOCOTRIENOL-ENRICHED, COMPOSITIONS FROM NATURAL OILS**

[54] **PROCEDE DE PRODUCTION DE COMPOSITIONS ENRICHIES EN VITAMINE E, EN PARTICULIER EN TOCOTRIENOL, A PARTIR D'HUILES NATURELLES**

[72] BOAM, ANDREW, GB

[72] BOUWHUIS, YURI, US

[72] KOLEVA, VELICHKA YORDANOVA, DE

[72] ROCHA, MARIA INES FONTES, PT

[72] SCHWARM, MICHAEL, DE

[71] EVONIK MEMBRANE EXTRACTION TECHNOLOGY LTD., GB

[71] EVONIK DEGUSSA GMBH, DE

[85] 2016-07-29

[86] 2015-02-06 (PCT/EP2015/052462)

[87] (WO2015/121156)

[30] EP (14154662.2) 2014-02-11

[21] **2,938,365**
[13] A1

[51] **Int.Cl. E01H 5/06 (2006.01) E01H 5/10 (2006.01)**

[25] EN

[54] **FRICITION SNOWPLOUGH**

[54] **CHASSE-NEIGE A FRICTION**

[72] ZUFIAUR FERNANDEZ DE BETONO, ALFREDO, ES

[71] ZUFIAUR FERNANDEZ DE BETONO, ALFREDO, ES

[85] 2016-07-29

[86] 2015-02-13 (PCT/ES2015/070095)

[87] (WO2015/121525)

[30] ES (P201430195) 2014-02-14

[21] **2,938,372**
[13] A1

[51] **Int.Cl. C12N 9/10 (2006.01) C12N 1/20 (2006.01) C12P 7/46 (2006.01)**

[25] EN

[54] **MODIFIED MICROORGANISM FOR IMPROVED PRODUCTION OF FINE CHEMICALS ON SUCROSE**

[54] **MICROORGANISME MODIFIE POUR LA PRODUCTION AMELIOREE DE PRODUITS CHIMIQUES FINS A PARTIR DU SACCHAROSE**

[72] KRAWCZYK, JOANNA MARTYNA, DE

[72] HAEFNER, STEFAN, DE

[72] SCHRODER, HARTWIG, DE

[72] DANTAS COSTA, ESTHER, DE

[72] ZELDER, OSKAR, DE

[72] VON ABENDROTH, GREGORY, US

[71] BASF SE, DE

[85] 2016-07-29

[86] 2015-02-05 (PCT/EP2015/052380)

[87] (WO2015/118051)

[30] EP (14154288.6) 2014-02-07

[21] **2,938,375**
[13] A1

[51] **Int.Cl. A61K 36/31 (2006.01) A61K 35/644 (2015.01) A61P 29/00 (2006.01)**

[25] EN

[54] **COMPOSITION FOR RELIEVING PAIN, STRESS AND INSOMNIA**

[54] **COMPOSITION POUR ATTENUER LA DOULEUR, LE STRESS ET L'INSOMNIE**

[72] BANSAL, ASHVANY KUMAR, IN

[71] BANSAL, ASHVANY KUMAR, IN

[85] 2016-07-29

[86] 2015-02-04 (PCT/IN2015/000067)

[87] (WO2015/132800)

[30] IN (394/MUM/2014) 2014-02-04

[21] **2,938,378**
[13] A1

[51] **Int.Cl. G08G 1/00 (2006.01) B60W 30/06 (2006.01) B62D 15/02 (2006.01) G05D 1/02 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR SELF-AUTOMATED PARKING LOT FOR AUTONOMOUS VEHICLES BASED ON VEHICULAR NETWORKING**

[54] **DISPOSITIF ET PROCEDE POUR PARC DE STATIONNEMENT AUTOMATISE POUR VEHICULES AUTONOMES REPOSANT SUR UN RESEAU VEHICULAIRE**

[72] PAIVA FERREIRA, MICHEL CELESTINO, PT

[72] MARTINS DAMAS, LUIS MANUEL, PT

[72] FERNANDES DA CONCEICAO, HUGO MARCELO, PT

[72] MIRANDA DE ANDRADE DE ALBUQUERQUE D'OREY, PEDRO, PT

[72] STEENKISTE, PETER, US

[72] RODRIGUES GOMES, PEDRO EMANUEL, PT

[72] FERNANDES, RICARDO JORGE, PT

[71] UNIVERSIDADE DO PORTO, PT

[71] INSTITUTO DE TELECOMUNICACOES, PT

[71] GEOLINK, LDA, PT

[71] CARNEGIE MELLON UNIVERSITY, US

[85] 2016-07-29

[86] 2015-01-30 (PCT/IB2015/050736)

[87] (WO2015/114592)

[30] PT (107440) 2014-01-30

[21] **2,938,396**
[13] A1

[51] **Int.Cl. E06B 9/06 (2006.01) E06B 9/18 (2006.01)**

[25] EN

[54] **SECURITY GRILLE AND SECURITY GRILLE SYSTEM**

[54] **GRILLE DE SECURITE ET SYSTEME DE GRILLE DE SECURITE**

[72] SCHUT, TAMMO, NL

[71] STACKDOOR B.V., NL

[85] 2016-07-29

[86] 2015-01-30 (PCT/NL2015/050055)

[87] (WO2015/115893)

[30] NL (1040647) 2014-01-31

[30] NL (2012620) 2014-04-15

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[21] **2,938,403**
[13] A1

[51] **Int.Cl. H04W 52/34 (2009.01) H04W 72/12 (2009.01)**
[25] EN
[54] **UPLINK TRANSMISSIONS IN WIRELESS COMMUNICATIONS**
[54] **TRANSMISSIONS EN LIAISON MONTANTE DANS DES COMMUNICATIONS SANS FIL**
[72] PELLETIER, GHYSLAIN, CA
[72] MARINIER, PAUL, CA
[72] TOOHER, J. PATRICK, CA
[72] COMSA, VIRGIL, CA
[72] PANI, DIANA, CA
[72] TERRY, STEPHEN E., US
[71] INTERDIGITAL PATENT HOLDINGS, INC., US
[85] 2016-07-29
[86] 2015-01-29 (PCT/US2015/013616)
[87] (WO2015/116866)
[30] US (61/933,169) 2014-01-29
[30] US (61/955,632) 2014-03-19
[30] US (61/978,630) 2014-04-11
[30] US (61/989,997) 2014-05-07
[30] US (62/002,625) 2014-05-23
[30] US (62/007,147) 2014-06-03
[30] US (62/033,993) 2014-08-06
[30] US (62/060,492) 2014-10-06
[30] US (62/069,739) 2014-10-28
[30] US (62/093,965) 2014-12-18

[21] **2,938,406**
[13] A1

[51] **Int.Cl. A61K 31/351 (2006.01) A61K 31/401 (2006.01) A61K 31/4174 (2006.01) A61K 31/4178 (2006.01) A61K 31/4184 (2006.01) A61K 31/427 (2006.01) A61K 31/4439 (2006.01) A61K 38/05 (2006.01) A61P 1/16 (2006.01) A61P 13/12 (2006.01)**
[25] EN
[54] **METHODS FOR THE TREATMENT AND PREVENTION OF RENAL DISORDERS AND FATTY LIVER DISORDERS**
[54] **PROCEDES DE TRAITEMENT ET DE PREVENTION DE TROUBLES RENAUX ET DE TROUBLES GRAISSEUX DU FOIE**
[72] USISKIN, KEITH S., US
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2016-07-29
[86] 2015-01-30 (PCT/US2015/013644)
[87] (WO2015/116880)
[30] US (61/934,003) 2014-01-31
[30] US (61/948,882) 2014-03-06

[21] **2,938,482**
[13] A1

[51] **Int.Cl. A61L 33/10 (2006.01) A61K 9/00 (2006.01) A61K 31/337 (2006.01) A61L 31/02 (2006.01) A61L 31/10 (2006.01) A61L 31/16 (2006.01) A61M 31/00 (2006.01)**
[25] EN
[54] **IMPLANTABLE MEDICAL DEVICE**
[54] **DISPOSITIF MEDICAL IMPLANTABLE**
[72] ANTONI, PER, SE
[72] LEONTEIN, KARIN, SE
[72] VINCENT, LARS, SE
[72] CLEEK, ROBERT L., US
[72] DRUMHELLER, PAUL D., US
[72] HOLLAND, THERESA A., US
[72] JOHNSON, TODD J., US
[72] PIETRZAK, KRZYSZTOF R., US
[72] STEINHAUS, BRUCE, US
[71] W. L. GORE & ASSOCIATES, INC., US
[85] 2016-07-29
[86] 2015-03-13 (PCT/US2015/020390)
[87] (WO2015/138862)
[30] US (14/210,118) 2014-03-13

[21] **2,938,503**
[13] A1

[51] **Int.Cl. E01H 5/06 (2006.01) B60D 3/00 (2006.01)**
[25] EN
[54] **SUSPENSION DEVICE FOR MOUNTING OF A WORK APPARATUS ON A VEHICLE**
[54] **DISPOSITIF DE SUSPENSION POUR LE MONTAGE D'UN APPAREIL DE TRAVAIL SUR UN VEHICULE**
[72] BJORNODEGARD, TORE MAGNE, NO
[71] TOKVAM AS, NO
[85] 2016-08-02
[86] 2015-02-06 (PCT/IB2015/050920)
[87] (WO2015/118499)
[30] NO (20140157) 2014-02-07

[21] **2,938,577**
[13] A1

[51] **Int.Cl. A61K 38/18 (2006.01) A61P 3/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **PROGRANULIN (PGRN) AND ITS DERIVATIVES FOR DIAGNOSIS AND TREATMENT OF LYSOSOMAL STORAGE DISEASES**
[54] **PROGRANULINE (PGRN) ET SES DERIVES POUR LE DIAGNOSTIC ET LE TRAITEMENT DE MALADIES LYSOSOMALES**
[72] LIU, CHUANJU, US
[72] JIAN, JINLONG, US
[71] NEW YORK UNIVERSITY, US
[85] 2016-08-02
[86] 2015-02-04 (PCT/US2015/014364)
[87] (WO2015/119989)
[30] US (61/935,541) 2014-02-04

[21] **2,938,579**
[13] A1

[51] **Int.Cl. A61M 39/02 (2006.01) A61B 90/94 (2016.01) A61B 5/06 (2006.01) A61M 39/04 (2006.01)**
[25] EN
[54] **LIGHT BASED LOCATION AND IDENTIFICATION OF IMPLANTED MEDICAL DEVICES**
[54] **LOCALISATION BASEE SUR LA LUMIERE ET IDENTIFICATION DE DISPOSITIFS MEDICAUX IMPLANTES**
[72] BABU, PREMKUMAR, US
[71] MEDICAL COMPONENTS, INC., US
[85] 2016-08-02
[86] 2015-02-04 (PCT/US2015/014426)
[87] (WO2015/120026)
[30] US (61/935,527) 2014-02-04

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[21] **2,938,611**
[13] A1

[51] **Int.Cl. G01S 11/10 (2006.01) G01S 5/06 (2006.01)**
[25] EN
[54] **SINGLE PLATFORM DOPPLER GEOLOCATION**
[54] **PLATEFORME UNIQUE DE GEOLOCALISATION DOPPLER**
[72] LEHTOMAKI, NORMAN AUGUST, US
[72] POLING, T. CRAIG, US
[72] SCHUYLER, DOUGLAS A., US
[71] LOCKHEED MARTIN CORPORATION, US
[85] 2016-08-02
[86] 2015-02-25 (PCT/US2015/017537)
[87] (WO2015/130794)
[30] US (14/189,216) 2014-02-25

[21] **2,938,627**
[13] A1

[51] **Int.Cl. A61B 17/22 (2006.01) A61B 17/00 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **IMPROVED DEVICE FOR TRAVERSING VESSEL OCCLUSIONS AND METHOD OF USE**
[54] **DISPOSITIF AMELIORE PERMETTANT DE TRAVERSER DES OCCLUSIONS VASCULAIRES ET PROCEDE D'UTILISATION**
[72] RICHTER, JACOB, IL
[72] PANSKY, AMIR, IL
[71] MEDINOL LTD., IL
[85] 2016-08-03
[86] 2014-02-03 (PCT/IB2014/003282)
[87] (WO2016/001712)

[21] **2,938,750**
[13] A1

[51] **Int.Cl. H02K 11/21 (2016.01) H02K 11/215 (2016.01)**
[25] FR
[54] **SYNCHRONOUS MACHINE PROVIDED WITH AN ANGULAR POSITION SENSOR**
[54] **MACHINE SYNCHRONE EQUIPEE D'UN CAPTEUR DE POSITION ANGULAIRE**
[72] DUMAS, PIERRE, FR
[71] LOHR ELECTROMECHANIQUE, FR
[85] 2016-08-03
[86] 2015-02-24 (PCT/FR2015/050443)
[87] (WO2015/124882)
[30] FR (1451446) 2014-02-24

[21] **2,938,765**
[13] A1

[51] **Int.Cl. E21B 43/36 (2006.01) F17D 1/00 (2006.01)**
[25] EN
[54] **SUBSEA PROCESSING**
[54] **TRAITEMENT SOUS-MARIN**
[72] HOLM, HENNING, NO
[72] BAKKE, WILLIAM, NO
[72] GUNNEROD, TOR ARNE, NO
[71] STATOIL PETROLEUM AS, NO
[85] 2016-08-04
[86] 2015-02-05 (PCT/EP2015/052424)
[87] (WO2015/118072)
[30] GB (1401997.0) 2014-02-05

[21] **2,938,775**
[13] A1

[51] **Int.Cl. E21B 3/02 (2006.01) F16H 1/28 (2006.01) F16H 57/08 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO A SECONDARY DRIVE UNIT**
[54] **AMELIORATIONS APORTEES A UNE UNITE D'ENTRAINEMENT SECONDAIRE OU RELATIVES A CELLE-CI**
[72] RAYNER, ALISTER, GB
[71] AUGER TORQUE EUROPE LIMITED, GB
[85] 2016-08-04
[86] 2015-01-29 (PCT/GB2015/050208)
[87] (WO2015/121615)
[30] GB (1402515.9) 2014-02-13

[21] **2,938,848**
[13] A1

[51] **Int.Cl. A61G 1/044 (2006.01)**
[25] EN
[54] **SAFETY HARNESS**
[54] **HARNAIS DE SECURITE**
[72] SCHROEDER, TIMOTHY P., US
[72] WELLS, TIMOTHY R., US
[72] FAGER, DAVID N., US
[71] FERNO-WASHINGTON, INC., US
[85] 2016-08-04
[86] 2015-02-10 (PCT/US2015/015165)
[87] (WO2015/120433)
[30] US (61/937,895) 2014-02-10

[21] **2,938,868**
[13] A1

[51] **Int.Cl. H01R 13/17 (2006.01) E21B 17/02 (2006.01) H01R 13/523 (2006.01)**
[25] EN
[54] **RETENTION OF ELECTRICAL SPRING CONTACTS FOR WET CONNECTION OF DOWN-HOLE TOOL COMPONENTS**
[54] **RETENUE DE CONTACTS A RESSORT ELECTRIQUE POUR CONNEXION HUMIDE DE COMPOSANTS D'OUTIL DE FOND DE TROU**
[72] DUONG, KHANH ANH, US
[71] GE OIL & GAS LOGGING SERVICES, INC., US
[85] 2016-08-04
[86] 2015-02-12 (PCT/US2015/015593)
[87] (WO2015/123407)
[30] US (61/939,623) 2014-02-13

[21] **2,938,878**
[13] A1

[51] **Int.Cl. A63F 1/00 (2006.01) A63F 13/80 (2014.01) G07F 17/32 (2006.01)**
[25] EN
[54] **CARD GAME**
[54] **JEU DE CARTES**
[72] SINGLETON, QUINTON, US
[72] HANSON, JOSHUA, US
[71] CFPH, LLC, US
[85] 2016-08-04
[86] 2015-02-06 (PCT/US2015/014847)
[87] (WO2015/120292)
[30] US (61/936,792) 2014-02-06
[30] US (14/231,469) 2014-03-31

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[21] **2,938,883**
[13] A1

[51] **Int.Cl. A23L 2/00 (2006.01)**
[25] EN
[54] **PREPARATION AND INCORPORATION OF CO-PRODUCTS INTO BEVERAGES TO ACHIEVE METABOLIC AND GUT HEALTH BENEFITS**

[54] **PREPARATION ET INCORPORATION DE CO-PRODUITS DANS DES BOISSONS A DES FINS D'AMELIORATION DE LA SANTE METABOLIQUE ET INTESTINALE**

[72] BALASUBRAMANIAN, SUNDAR, US
[72] BORDENAVE, NICOLAS, US
[72] HARKNESS, LAURA, US
[72] HITCHCOCK, BRYAN WILLIAM, US
[72] HSIEH, MONGJAN, US
[72] JORDAN, RACHEL LISA, US
[72] MATHEWS, JEFFREY DAVID, US
[72] RIVERA, TEODORO, US
[72] SAUNDERS, CAROLINE, US
[72] SHIN, JIN-E, US
[72] SMALL, WILLIAM B., II, US
[72] WILSON, ALISSA, US
[71] PEPSICO, INC., US
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[86] 2015-02-06 (PCT/US2015/014850)
[87] (WO2015/120295)
[30] US (PCT/US2014/015326) 2014-02-07
[30] US (14/262,213) 2014-04-25

[21] **2,938,915**
[13] A1

[51] **Int.Cl. E21B 43/10 (2006.01) E21B 41/02 (2006.01) F16L 58/10 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR LINING A TUBULAR**

[54] **PROCEDE ET SYSTEME DE CHEMISAGE D'UN ELEMENT TUBULAIRE**

[72] KRIESELS, PETRUS CORNELIS, NL
[72] YANG, BOO YOUNG, NL
[72] GOWER, HEATHER L, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[30] EP (14157013.5) 2014-02-27

[21] **2,938,925**
[13] A1

[51] **Int.Cl. F16C 7/00 (2006.01) B64C 13/30 (2006.01)**
[25] EN
[54] **FAILURE DETECTION FOR PUSH-PULL RODS HAVING A RESERVE LOAD PATH**

[54] **DETECTION DE DEFAILLANCE DE BARRES DE TRACTION-COMPRESSION AVEC CHEMIN DE CHARGE DE RESERVE**

[72] UHL, ALBERT, DE
[71] GMT GUMMI-METALL-TECHNIK GMBH, DE
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[86] 2015-02-10 (PCT/DE2015/000062)
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[30] DE (20 2014 001 394.2) 2014-02-18

[21] **2,938,926**
[13] A1

[51] **Int.Cl. G01V 1/22 (2006.01) G01V 1/18 (2006.01) G01V 1/24 (2006.01) H02J 50/10 (2016.01)**
[25] EN
[54] **CABLELESS SEISMIC SENSORS AND METHODS FOR RECHARGING**

[54] **CAPTEURS SISMIQUES SANS FIL ET PROCEDES DE RECHARGE**

[72] JUROK, JASON, FR
[72] MAXWELL, PETER, FR
[72] GRIMSDALE, JONATHAN, FR
[71] CGG SERVICES SA, FR
[85] 2016-08-05
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[87] (WO2015/121749)
[30] US (61/938,711) 2014-02-12
[30] US (61/954,618) 2014-03-18

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[13] A1

[51] **Int.Cl. G01N 27/00 (2006.01) G01N 27/12 (2006.01)**
[25] EN
[54] **SENSOR SYSTEM FOR SENSING ENVIRONMENTAL MOISTURE CHANGES, THE SENSOR SYSTEM COMPRISING A POLYMER MATRIX AND A PLURALITY OF CONDUCTIVE PARTICLES EMBEDDED WITHIN**

[54] **SYSTEME DE CAPTEUR DESTINE A DETECTER DES CHANGEMENTS D'HUMIDITE AMBIANTE, LE SYSTEME DE CAPTEUR COMPRENANT UNE MATRICE POLYMERE ET UNE PLURALITE DE PARTICULES CONDUCTRICES NOYEEES A L'INTERIEUR DE CETTE DERNIERE**

[72] STRIEMER, GRANT EDWARD, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-08-05
[86] 2015-03-19 (PCT/US2015/021359)
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[30] US (14/224,495) 2014-03-25

[21] **2,938,975**
[13] A1

[51] **Int.Cl. F03D 13/25 (2016.01) B63B 35/44 (2006.01)**
[25] EN
[54] **METHOD OF ASSEMBLING A FLOATING WIND TURBINE PLATFORM**

[54] **PROCEDE D'ASSEMBLAGE D'UNE PLATE-FORME D'EOLIENNE FLOTTANTE**

[72] DAGHER, HABIB J., US
[72] VISELLI, ANTHONY M., US
[71] UNIVERSITY OF MAINE SYSTEM BOARD OF TRUSTEES, US
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[86] 2015-02-06 (PCT/US2015/014750)
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[13] A1

[51] **Int.Cl. A45D 19/00 (2006.01) A45D 24/22 (2006.01)**
[25] EN
[54] **COMBINED HEAD MASSAGER AND SPRAY HAIR WASHER**
[54] **APPAREIL COMBINE DE MASSAGE DE TETE ET DE LAVAGE DE CHEVEUX PAR PULVERISATION**
[72] FRASER, ROSALINE, US
[72] FELDMAN, BEN, US
[72] HARRISON, THOMAS, US
[71] FRASER, ROSALINE, US
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[30] US (14/201,484) 2014-03-07

[21] **2,939,043**
[13] A1

[51] **Int.Cl. E21B 47/017 (2012.01) E21B 47/12 (2012.01)**
[25] EN
[54] **WELL TOOLS HAVING MAGNETIC SHIELDING FOR MAGNETIC SENSOR**
[54] **OUTILS DE PUITS DOTES D'UN BLINDAGE MAGNETIQUE POUR CAPTEUR MAGNETIQUE**
[72] MURPHREE, ZACHARY R., US
[72] FRIPP, MICHAEL L., US
[72] WALTON, ZACHARY W., US
[72] MERRON, MATTHEW J., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[86] 2014-03-24 (PCT/US2014/031617)
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[21] **2,939,057**
[13] A1

[51] **Int.Cl. G01J 5/58 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING THE TEMPERATURE OF AN INFRARED-ACTIVE GAS BY MEANS OF INFRARED SPECTROSCOPY**
[54] **PROCEDE DE DETERMINATION DE LA TEMPERATURE D'UN GAZ A INFRAROUGE ACTIF AU MOYEN DE LA SPECTROSCOPIE INFRAROUGE**
[72] RUBIN, TOM, DE
[72] HEYNE, KARSTEN, DE
[71] HUMEDICS GMBH, DE
[85] 2016-08-08
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[21] **2,939,064**
[13] A1

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[25] EN
[54] **JOINT UNIT**
[54] **UNITE DE JOINT**
[72] NAGURA, KENJI, JP
[72] TAKAGI, HITOSHI, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2016-08-08
[86] 2015-02-03 (PCT/JP2015/052901)
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[30] JP (2014-038879) 2014-02-28

[21] **2,939,066**
[13] A1

[51] **Int.Cl. C08L 67/04 (2006.01) C08J 5/00 (2006.01) C08K 5/092 (2006.01) C08K 7/02 (2006.01) E21B 43/26 (2006.01) C08L 101/16 (2006.01)**
[25] EN
[54] **MOLDED PRODUCT HAVING EFFECTIVE THICKNESS OF 1 MM OR MORE AND CONTAINING ALIPHATIC POLYESTER RESIN, AND DOWNHOLE TOOL MEMBER FOR HYDROCARBON RESOURCE RECOVER**
[54] **MOULAGE D'UNE EPAISSEUR EFFECTIVE DE 1 MM OU PLUS ET CONTENANT UNE RESINE POLYESTER ALIPHATIQUE, ET ELEMENT D'OUTIL DE FOND UTILISE POUR RECUPERER DES RESSOURCES EN HYDROCARBURES**
[72] KOBAYASHI, TAKUMA, JP
[72] SAIJO, HIKARU, JP
[72] OKURA, MASAYUKI, JP
[72] TAKAHASHI, TAKEO, JP
[71] KUREHA CORPORATION, JP
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[30] JP (2014-047564) 2014-03-11

[21] **2,939,070**
[13] A1

[51] **Int.Cl. E21B 33/10 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **SEALING ELEMENT FOR DOWNHOLE TOOL**
[54] **ELEMENT D'ETANCHEITE POUR UN OUTIL DE FOND DE TROU**
[72] DOCKWEILER, DAVID ALLEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-08-08
[86] 2014-04-09 (PCT/US2014/033508)
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[13] A1

[51] **Int.Cl. G06Q 50/10 (2012.01) G06F 3/048 (2013.01) G06F 17/30 (2006.01)**
[25] EN
[54] **COMPUTER-BASED MEDIA CONTENT CLASSIFICATION AND DISCOVERY SYSTEM AND RELATED METHODS**
[54] **SYSTEME DE CLASSIFICATION ET DE DECOUVERTE DE CONTENU MULTIMEDIA BASE SUR ORDINATEUR ET METHODES ASSOCIEES**
[72] HIGBIE, COLIN LAIRD, US
[71] HIGBIE, COLIN LAIRD, US
[85] 2016-08-08
[86] 2015-02-09 (PCT/US2015/014958)
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[30] US (61/937,487) 2014-02-08
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[21] **2,939,107**
[13] A1

[51] **Int.Cl. H04L 12/801 (2013.01) H04L 29/08 (2006.01)**
[25] EN
[54] **USE OF AN OMA MANAGEMENT OBJECT TO SUPPORT APPLICATION-SPECIFIC CONGESTION CONTROL IN MOBILE NETWORKS**
[54] **UTILISATION D'UN OBJET DE GESTION D'ALLIANCE MOBILE OUVERTE (OMA) POUR PRENDRE EN CHARGE UNE COMMANDE DE CONGESTION SPECIFIQUE A UNE APPLICATION DANS DES RESEAUX MOBILES**
[72] ZAUS, ROBERT, DE
[72] KOLDE, MARTIN, DE
[72] PARRON, JEROME, DE
[72] PINHEIRO, ANA LUCIA A., US
[72] MARTINEZ TARRADELL, MARTA, US
[72] CHOI, HYUNG-NAM, DE
[72] GUPTA, VIVEK, US
[72] CHIN, CHEN-HO, BE
[72] BURBIDGE, RICHARD C., GB
[72] YIU, CANDY, US
[71] INTEL IP CORPORATION, US
[85] 2016-08-05
[86] 2015-02-18 (PCT/US2015/016327)
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[30] US (61/969,778) 2014-03-24
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[21] **2,939,110**
[13] A1

[51] **Int.Cl. H01R 43/042 (2006.01)**
[25] EN
[54] **SMART CONDUCTOR/CONNECTOR SELECTING DIE**
[54] **MATRICE DE SELECTION DE CONDUCTEUR/CONNECTEUR INTELLIGENTE**
[72] RZASA, MICHAEL PAUL, US
[72] BECK, ALAN DOUGLAS, US
[72] MARTIN, EVAN, US
[72] WASON, PETER, US
[72] OWENS, DANIEL, US
[71] HUBBELL INCORPORATED, US
[85] 2016-08-05
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[21] **2,939,111**
[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/00 (2006.01)**
[25] EN
[54] **METHOD OF OPENING AN ORIFICE IN A DOWNHOLE ARTICLE, METHOD OF MAKING THE SAME AND ARTICLE MADE THEREBY**
[54] **PROCEDE D'OUVERTURE D'UN ORIFICE DANS UN ARTICLE DE FOND DE TROU, PROCEDE DE FABRICATION DE CE DERNIER ET ARTICLE FORME DE CETTE MANIERE**
[72] PETERSON, ELMER RICHARD, US
[72] MELANCON, BRADLEY A., US
[72] BAILEY, WILLIAM M., US
[72] DESAI, NEERALI JANUBHAI, US
[71] BAKER HUGHES INCORPORATED, US
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[86] 2015-02-19 (PCT/US2015/016577)
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[30] US (62/046,803) 2014-09-05

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[13] A1

[51] **Int.Cl. C12N 15/87 (2006.01) A01H 5/00 (2006.01) C07H 21/04 (2006.01) C12N 5/04 (2006.01)**
[25] EN
[54] **ROOT SPECIFIC EXPRESSION CONFERRED BY CHIMERIC GENE REGULATORY ELEMENTS**
[54] **EXPRESSION SPECIFIQUE DES RACINES CONFEREES PAR DES ELEMENTS REGULATEURS DE GENE CHIMERE**
[72] OWENS MERLO, PATRICIA ANN, US
[72] HAMPTON, RONNIE, JR., US
[72] LARSEN, CORY, US
[72] WOOSLEY, AARON, US
[71] DOW AGROSCIENCES LCC, US
[85] 2016-08-08
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[87] (WO2015/130931)
[30] US (61/946,066) 2014-02-28

[21] **2,939,113**
[13] A1

[51] **Int.Cl. B44D 3/02 (2006.01) B01F 13/00 (2006.01) B44D 3/04 (2006.01) B44D 3/06 (2006.01)**
[25] EN
[54] **PAINT MAKER AND MIXING DEVICE**
[54] **DISPOSITIF DE FABRICATION DE PEINTURE ET DE MELANGE**
[72] HENRY, ROBERT, US
[72] KRIEGER, CHERYL, US
[72] ALLEN, JAMES, US
[71] CRAYOLA LLC, US
[85] 2016-08-05
[86] 2015-02-20 (PCT/US2015/016810)
[87] (WO2015/127199)
[30] US (61/942,346) 2014-02-20
[30] US (14/626,658) 2015-02-19

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[13] A1

[51] **Int.Cl. H01M 4/1395 (2010.01)**
[25] EN
[54] **NANOSILICON MATERIAL PREPARATION FOR FUNCTIONALIZED GROUP IVA PARTICLE FRAMEWORKS**
[54] **PREPARATION DE MATERIAU A BASE DE NANOSILICIUM POUR DES STRUCTURES DE PARTICULE FONCTIONNALISEE DU GROUPE IVA**
[72] NEWBOUND, TIMOTHY, US
[72] MATTHEWS, LESLIE, US
[72] NORRIS, JEFF, US
[72] SYZDEK, JAROSLAW, US
[71] KRATOS LLC, US
[85] 2016-08-05
[86] 2015-02-20 (PCT/US2015/016934)
[87] (WO2015/127290)
[30] US (61/943,005) 2014-02-21
[30] US (62/061,020) 2014-10-07
[30] US (62/113,285) 2015-02-06

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[13] A1

[51] **Int.Cl. A61K 35/12 (2015.01)**
[25] EN
[54] **A SYSTEM FOR TISSUE MANIPULATION**
[54] **SYSTEME DE MANIPULATION DE TISSUS**
[72] HUANG, LOTIEN R., US
[71] BDBC SCIENCES CORP., CA
[85] 2016-08-08
[86] 2015-02-27 (PCT/US2015/018080)
[87] (WO2015/131087)
[30] US (61/946,365) 2014-02-28

[21] **2,939,116**
[13] A1

[51] **Int.Cl. B29C 45/17 (2006.01) B29C 45/03 (2006.01)**
[25] EN
[54] **MANIFOLD SYSTEM NOZZLE RETENTION**
[54] **RETENUE DE BUSE POUR SYSTEME DE COLLECTEUR**
[72] OVERFIELD, SARAH KATHLEEN, US
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2016-08-08
[86] 2015-03-03 (PCT/US2015/018381)
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[30] US (61/949,476) 2014-03-07

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[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) G06K 9/62 (2006.01)**
[25] EN
[54] **OPTIMIZATION OF AUDIO FINGERPRINT SEARCH**
[54] **OPTIMISATION DE RECHERCHE D'EMPREINTES AUDIO**
[72] CHELUVARAJA, SRINATH, US
[72] IYER, ANANTH NAGARAJA, US
[72] WYSS, FELIX IMMANUEL, US
[71] INTERACTIVE INTELLIGENCE GROUP, INC., US
[85] 2016-08-08
[86] 2015-03-03 (PCT/US2015/018429)
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[30] US (61/947,834) 2014-03-04

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[13] A1

[51] **Int.Cl. C08J 5/18 (2006.01) B29D 7/01 (2006.01) B32B 3/20 (2006.01) B32B 27/32 (2006.01)**
[25] EN
[54] **MICROCAPILLARY FILMS**
[54] **FILMS MICROCAPILLAIRES**
[72] MCKENNA, JULIE W., US
[72] BHATTACHARJEE, DEBKUMAR, US
[72] DOOLEY, JOSEPH, US
[72] HUANG, WENYI, US
[72] PANGBURN, TODD O., US
[72] PATEL, RAJEN M., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2016-08-05
[86] 2015-01-30 (PCT/US2015/013656)
[87] (WO2015/123031)
[30] US (61/939,313) 2014-02-13

[21] **2,939,119**
[13] A1

[51] **Int.Cl. B64D 11/06 (2006.01)**
[25] EN
[54] **AIRCRAFT SEAT SURROUND WITH 3D PRINTED DECORATIVE MOLDINGS**
[54] **COQUE DE SEPARATION DE SIEGE D'AERONEF DOTEE DE MOULURES DECORATIVES IMPRIMEES EN 3D**
[72] MEISTER, PETER C., US
[72] MAHABALESHWARA, ARAVINDA, IN
[71] B/E AEROSPACE, INC., US
[85] 2016-05-27
[86] 2014-12-15 (PCT/US2014/070295)
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[21] **2,939,120**
[13] A1

[51] **Int.Cl. A61K 31/145 (2006.01)**
[25] EN
[54] **LXR AGONISTS AND USES THEREOF**
[54] **AGONISTES DU RECEPTEUR X DU FOIE ET LEURS UTILISATIONS**
[72] MARTINEZ, EDUARDO J., US
[72] KAISER, BERND, US
[72] TAVAZOIE, SOHAIL F., US
[72] KURTH, ISABEL, US
[72] GONSALVES, FOSTER CASIMIR, US
[72] DARST, DAVID M., JR., US
[72] TAVAZOIE, MASOUD FAKHR, US
[71] RGENIX, INC., US
[85] 2016-07-07
[86] 2015-01-09 (PCT/US2015/010909)
[87] (WO2015/106164)
[30] US (61/926,150) 2014-01-10

[21] **2,939,122**
[13] A1

[51] **Int.Cl. B62D 35/00 (2006.01)**
[25] EN
[54] **AERODYNAMIC FAIRING ASSEMBLY FOR TRACTOR-TRAILERS**
[54] **ENSEMBLE CARENAGE AERODYNAMIQUE POUR ENSEMBLES TRACTEUR/REMORQUE**
[72] WALL, BILLY RUSSELL, II, US
[71] WALL GLOBAL LLC, US
[85] 2016-08-05
[86] 2015-06-08 (PCT/US2015/034737)
[87] (WO2015/191472)
[30] US (62/009,683) 2014-06-09

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[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/02 (2006.01) C07H 21/04 (2006.01)**

[25] EN

[54] **OLIGONUCLEOTIDE-BASED PROBES AND METHODS FOR DETECTION OF MICROBES**

[54] **SONDES A BASE D'OLIGONUCLEOTIDES ET PROCEDES DE DETECTION DE MICROBES**

[72] MCNAMARA, JAMES O., US
[72] FLENKER, KATIE R., US
[72] KIM, HYEON, US
[72] HORSWILL, ALEXANDER R., US
[72] HERNANDEZ, FRANK J., US
[72] BEHLKE, MARK, US
[72] HUANG, LINGYAN, US
[72] OWCZARZY, RICHARD, US
[72] BURGHARDT, ELLIOT, US
[72] KENKEL, ELIZABETH, US
[72] CLARK, KAREN, US
[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US

[85] 2016-08-08
[86] 2015-02-09 (PCT/US2015/015062)
[87] (WO2015/120406)
[30] US (61/937,359) 2014-02-07
[30] US (61/980,498) 2014-04-16
[30] US (61/992,034) 2014-05-12

[21] **2,939,126**
[13] A1

[51] **Int.Cl. A61K 8/891 (2006.01) A61K 8/72 (2006.01) A61K 8/89 (2006.01) A61Q 5/00 (2006.01)**

[25] EN

[54] **AQUEOUS HAIR STYLING COMPOSITIONS COMPRISING TWO ACRYLATE SILICONE COPOLYMERS**

[54] **COMPOSITIONS AQUEUSES DE COIFFAGE COMPRENANT DEUX COPOLYMERES D'ACRYLATE/SILICONE**

[72] SASIK, CAMILLE, US
[72] XAVIER, JEAN HARRY, US
[72] HAWKINS, GEOFFREY, US
[71] ELC MANAGEMENT LLC, US

[85] 2016-08-08
[86] 2015-02-13 (PCT/US2015/015788)
[87] (WO2015/130486)
[30] US (14/192,914) 2014-02-28

[21] **2,939,129**
[13] A1

[51] **Int.Cl. G07F 17/32 (2006.01) A63F 3/00 (2006.01)**

[25] EN

[54] **WAGERING OPPORTUNITIES IN LIVE BACCARAT TABLE GAME**

[54] **OPPORTUNITES DE PARI DANS UN JEU DE BACCARA SUR TABLE EN DIRECT**

[72] MOORE, STEPHEN, US
[72] RUSSEL, MICHAEL, US
[72] DALEY, JOHN, US
[72] ATKINSON, KEITH, US
[71] WALKER DIGITAL TABLE SYSTEMS, LLC, US

[85] 2016-08-08
[86] 2015-02-15 (PCT/US2015/015985)
[87] (WO2015/123621)
[30] US (61/940,427) 2014-02-15
[30] US (61/945,729) 2014-02-27
[30] US (62/076,527) 2014-11-07

[21] **2,939,132**
[13] A1

[51] **Int.Cl. F25B 31/00 (2006.01) B01F 3/00 (2006.01)**

[25] EN

[54] **HEAT ENGINE AND METHOD FOR OPERATING A HEAT ENGINE**

[54] **MOTEUR THERMIQUE ET PROCEDE POUR FAIRE FONCTIONNER UN MOTEUR THERMIQUE**

[72] DANOV, VLADIMIR, DE
[72] REISSNER, FLORIAN, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE

[85] 2016-08-09
[86] 2015-02-04 (PCT/EP2015/052241)
[87] (WO2015/121116)
[30] DE (10 2014 202 429.3) 2014-02-11

[21] **2,939,133**
[13] A1

[51] **Int.Cl. H01M 8/04 (2016.01)**

[25] FR

[54] **PURGE CIRCUIT OF A FUEL CELL**

[54] **CIRCUIT DE PURGE D'UNE PILE A COMBUSTIBLE**

[72] METKEMEIJER, RUDOLF, FR
[72] DE GRISARD, BENJAMIN, FR
[72] LEROUX, PATRICK, FR
[72] ACHARD, PATRICK, FR
[71] SYMBIOFCELL, FR
[71] ASSOCIATION POUR LA RECHERCHE ET LE DEVELOPPEMENT DES METHODES ET PROCESSUS INDUSTRIELS - A.R.M.I.N.E.S., FR

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[86] 2015-02-10 (PCT/EP2015/052687)
[87] (WO2015/118161)
[30] FR (14 50986) 2014-02-10

[21] **2,939,134**
[13] A1

[51] **Int.Cl. C21D 7/06 (2006.01)**

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[54] **SHOT MATERIAL AND SHOT PEENING METHOD**

[54] **GRENAILLE ET PROCEDE DE GRENAILLAGE DE PRECONTRAINTE**

[72] LEMKE, HARALD, US
[72] MACK, PATRICK E., US
[72] PARKER, ROBERT, US
[71] THE NANOSTEEL COMPANY, INC., US

[85] 2016-08-08
[86] 2015-02-17 (PCT/US2015/016163)
[87] (WO2015/123673)
[30] US (61/940,140) 2014-02-14

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[21] **2,939,135**
[13] A1

[51] **Int.Cl. B65G 61/00 (2006.01) B65G 1/137 (2006.01)**
[25] EN
[54] **INTERMEDIATE HOLDING FACILITY FOR PICKING STATION**
[54] **INSTALLATION DE STOCKAGE INTERMEDIAIRE POUR POSTE DE PREPARATION DE COMMANDES**
[72] LINDBO, LARS SVERKER TURE, GB
[72] STADIE, ROBERT ROLF, GB
[72] CLARKE, PAUL, GB
[71] OCADO INNOVATION LIMITED, GB
[85] 2016-08-09
[86] 2015-02-10 (PCT/EP2015/052774)
[87] (WO2015/118171)
[30] GB (1402263.6) 2014-02-10

[21] **2,939,136**
[13] A1

[51] **Int.Cl. H04L 12/24 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **NETWORK SECURITY SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE SECURITE RESEAU**
[72] MAHER, DAVID P., US
[72] BOCCON-GIBOD, GILLES, US
[71] INTERTRUST TECHNOLOGIES CORPORATION, US
[85] 2016-08-08
[86] 2015-02-17 (PCT/US2015/016184)
[87] (WO2015/123678)
[30] US (61/940,182) 2014-02-14
[30] US (61/946,404) 2014-02-28

[21] **2,939,137**
[13] A1

[51] **Int.Cl. A61M 39/02 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR TREATING A HYPER-INFLATED LUNG**
[54] **PROCEDES ET DISPOSITIFS POUR TRAITER UN POUMON HYPER-GONFLE**
[72] LI, JIANMIN, US
[72] BOURNE, GEORGE, US
[72] GELFAND, MARK, US
[72] LEVIN, HOWARD, US
[72] BARENBOYM, MICHAEL, US
[72] CHERNOMORSKY, ARY, US
[72] BELL, BENJAMIN DAVID, US
[72] FOELSCH, GERHARD ANDREW, US
[72] LEUNG, MARK, CA
[71] SOFFIO MEDICAL INC., US
[85] 2016-08-09
[86] 2015-04-30 (PCT/US2015/028481)
[87] (WO2015/168387)
[30] US (61/986,270) 2014-04-30
[30] US (62/088,881) 2014-12-08
[30] US (62/108,040) 2015-01-26

[21] **2,939,138**
[13] A1

[51] **Int.Cl. H01J 35/06 (2006.01)**
[25] EN
[54] **AN X-RAY DEVICE**
[54] **DISPOSITIF A RAYONS X**
[72] HU, QUI-HONG, SE
[71] LUXBRIGHT AB, SE
[85] 2016-08-09
[86] 2015-02-10 (PCT/EP2015/052788)
[87] (WO2015/118177)
[30] US (61/937,677) 2014-02-10

[21] **2,939,139**
[13] A1

[51] **Int.Cl. H01J 35/06 (2006.01)**
[25] EN
[54] **AN ELECTRON EMITTER FOR AN X-RAY TUBE**
[54] **EMETTEUR D'ELECTRONS POUR TUBE A RAYONS X**
[72] HU, QUI-HONG, SE
[71] LUXBRIGHT AB, SE
[85] 2016-08-09
[86] 2015-02-10 (PCT/EP2015/052789)
[87] (WO2015/118178)
[30] US (61/937,677) 2014-02-10

[21] **2,939,141**
[13] A1

[51] **Int.Cl. B66C 23/44 (2006.01)**
[25] EN
[54] **CRANE SOCKET FOR A LOADING CRANE**
[54] **SOCLE DE GRUE DE CHARGEMENT**
[72] WIMMER, ECKHARD, AT
[71] PALFINGER AG, AT
[85] 2016-08-09
[86] 2015-02-09 (PCT/AT2015/000019)
[87] (WO2015/120494)
[30] AT (GM 66/2014) 2014-02-14

[21] **2,939,142**
[13] A1

[51] **Int.Cl. B66B 1/46 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING AN ELEVATOR INSTALLATION, ELEVATOR CONTROL DEVICE AND MOBILE RADIO FOR CARRYING OUT THE METHOD, AND SYSTEM HAVING SUCH AN ELEVATOR CONTROL DEVICE AND A MOBILE RADIO**
[54] **PROCEDE POUR FAIRE FONCTIONNER UNE INSTALLATION D'ASCENSEUR, MOYEN DE COMMANDE D'ASCENSEUR ET APPAREIL DE RADIOCOMMUNICATION MOBILE DESTINE A METTRE EN ŒUVRE LE PROCEDE ET SYSTEME COMPORTANT UN TEL MOYEN DE COMMANDE D'ASCENSEUR ET UN APPAREIL DE RADIOCOMMUNICATION MOBILE**
[72] BUNTER, ADRIAN, CH
[72] GILLI, MARKUS, CH
[71] INVENTIO AG, CH
[85] 2016-08-09
[86] 2015-02-11 (PCT/EP2015/052853)
[87] (WO2015/121294)
[30] EP (14155095.4) 2014-02-13

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[21] **2,939,144**
[13] A1

[51] **Int.Cl. C09C 1/02 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF A MINERAL FILLER PRODUCT**
[54] **PROCEDE DE PREPARATION D'UN PRODUIT MINERAL DE CHARGE**
[72] RENTSCH, SAMUEL, CH
[72] BLUM, RENE VINZENZ, CH
[72] GANE, PATRICK A. C., CH
[71] OMYA INTERNATIONAL AG, CH
[85] 2016-08-09
[86] 2015-02-12 (PCT/EP2015/053000)
[87] (WO2015/124494)
[30] EP (14156165.4) 2014-02-21

[21] **2,939,145**
[13] A1

[51] **Int.Cl. C07K 5/068 (2006.01) A61K 38/05 (2006.01) A61K 38/06 (2006.01) A61K 38/08 (2006.01) A61P 31/04 (2006.01) C07K 5/09 (2006.01) C07K 7/00 (2006.01)**
[25] EN
[54] **ANTIBACTERIAL AGENTS**
[54] **AGENTS ANTIBACTERIENS**
[72] COOPER, MATTHEW, AU
[72] BLASKOVICH, MARK, AU
[71] THE UNIVERSITY OF QUEENSLAND, AU
[85] 2016-08-09
[86] 2015-02-10 (PCT/AU2015/000071)
[87] (WO2015/117196)
[30] GB (1402267.7) 2014-02-10

[21] **2,939,146**
[13] A1

[51] **Int.Cl. H04L 1/18 (2006.01) H04L 27/26 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR REDUCING SOFT BUFFER SIZE IN MTC DEVICES**
[54] **APPAREIL ET PROCEDES DE REDUCTION DE TAILLE DE MEMOIRE TAMPON SOUPLE DANS DES DISPOSITIFS MTC**
[72] HAN, SEUNGHEE, US
[72] XIONG, GANG, US
[71] INTEL IP CORPORATION, US
[85] 2016-08-09
[86] 2015-03-09 (PCT/US2015/019453)
[87] (WO2015/142553)
[30] US (61/968,282) 2014-03-20
[30] US (61/985,391) 2014-04-28
[30] US (61/990,619) 2014-05-08
[30] US (14/582,612) 2014-12-24

[21] **2,939,147**
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **MEASUREMENT AND CONTROL OF BODY FAT PERCENT DURING PREGNANCY**
[54] **MESURE ET SURVEILLANCE DE POURCENTAGE DE GRAISSE CORPORELLE PENDANT LA GROSSESSE**
[72] AZIZIAN, HORMOZ, CA
[71] NIR TECHNOLOGIES INC., CA
[85] 2016-08-09
[86] 2015-02-13 (PCT/CA2015/000082)
[87] (WO2015/120540)
[30] US (61/940,125) 2014-02-14

[21] **2,939,148**
[13] A1

[51] **Int.Cl. A61B 17/04 (2006.01)**
[25] EN
[54] **ALL-SUTURE SUTURE ANCHOR SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'ANCRAGE DE SUTURE DE TOUS TYPES DE SUTURE**
[72] NASON, KEVIN S., US
[72] NGUYEN, HOANG, US
[72] BAIRD, KEVIN N., US
[72] HARPER, DEREK J., US
[71] CAYENNE MEDICAL, INC., US
[85] 2016-08-09
[86] 2015-03-05 (PCT/US2015/019047)
[87] (WO2015/134800)
[30] US (61/948,543) 2014-03-05
[30] US (62/094,866) 2014-12-19

[21] **2,939,149**
[13] A1

[51] **Int.Cl. F16K 31/126 (2006.01)**
[25] EN
[54] **ACTUATOR APPARATUS HAVING INTEGRAL YOKE TUBING**
[54] **APPAREIL ACTIONNEUR A TUBULURE DE CULASSE INTEGREE**
[72] GOSSETT, JAMES L., US
[72] WEARS, WILLIAM E., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2016-08-08
[86] 2015-02-19 (PCT/US2015/016489)
[87] (WO2015/127001)
[30] US (14/183,905) 2014-02-19

[21] **2,939,150**
[13] A1

[51] **Int.Cl. A47L 9/00 (2006.01) A47L 5/38 (2006.01) F16L 5/00 (2006.01)**
[25] EN
[54] **OUTLET BOX SYSTEM FOR CENTRAL VACUUM SYSTEMS**
[54] **SYSTEME DE BOITE DE SORTIE POUR SYSTEMES D'ASPIRATION CENTRALISEE**
[72] BRUNEAU, MARC, CA
[71] LES INDUSTRIES TROVAC LTEE, CA
[85] 2016-08-09
[86] 2015-02-10 (PCT/CA2015/050096)
[87] (WO2015/117248)
[30] US (61/937,785) 2014-02-10

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[21] **2,939,152**
[13] A1

[51] **Int.Cl. A61M 1/16 (2006.01)**
[25] EN
[54] **PORTABLE HEMODIALYSIS MACHINE AND DISPOSABLE CARTRIDGE**
[54] **MACHINE D'HEMODIALYSE PORTABLE ET CARTOUCHE JETABLE**
[72] GIORDANO, RENATO, US
[72] CORDER, RODNEY, US
[71] EASYDIAL, INC., US
[85] 2016-08-09
[86] 2015-02-26 (PCT/US2015/017744)
[87] (WO2015/130927)
[30] US (61/945,698) 2014-02-27

[21] **2,939,154**
[13] A1

[51] **Int.Cl. H02K 9/19 (2006.01)**
[25] EN
[54] **LIQUID COOLED EXTERNAL ROTOR ELECTRIC MACHINE**
[54] **MACHINE ELECTRIQUE A ROTOR EXTERNE REFROIDIE PAR LIQUIDE**
[72] MARTINEAU, BENJAMIN, CA
[72] HOULE, MARTIN, CA
[72] PRONOVOST, CHRISTIAN, CA
[72] LATULIPE, ERIC, CA
[71] TM4 INC., CA
[85] 2016-08-09
[86] 2015-02-04 (PCT/CA2015/050081)
[87] (WO2015/120546)
[30] US (61/938,770) 2014-02-12

[21] **2,939,155**
[13] A1

[51] **Int.Cl. A61M 1/16 (2006.01) B01D 61/24 (2006.01) B01D 61/28 (2006.01)**
[25] EN
[54] **PORTABLE HEMODIALYSIS MACHINE AND DISPOSABLE CARTRIDGE**
[54] **MACHINE D'HEMODIALYSE PORTABLE ET CARTOUCHE JETABLE**
[72] GIORDANO, RENATO, US
[72] CORDER, RODNEY, US
[71] EASYDIAL, INC., US
[85] 2016-08-09
[86] 2015-02-26 (PCT/US2015/017695)
[87] (WO2015/130906)
[30] US (61/945,698) 2014-02-27

[21] **2,939,156**
[13] A1

[51] **Int.Cl. C07K 14/415 (2006.01) A01N 65/04 (2009.01) C12N 15/29 (2006.01) C12N 15/62 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **INSECTICIDAL PROTEINS AND METHODS FOR THEIR USE**
[54] **PROTEINES INSECTICIDES ET LEURS PROCEDES D'UTILISATION**
[72] BARRY, JENNIFER, US
[72] LIU, LU, US
[72] LUM, AMY, US
[72] SCHEPERS, ERIC, US
[72] YALPANI, NASSER, US
[72] ZHU, GENHAI, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2016-08-05
[86] 2015-02-06 (PCT/US2015/014824)
[87] (WO2015/120276)
[30] US (61/937,295) 2014-02-07
[30] US (62/051,720) 2014-09-17

[21] **2,939,157**
[13] A1

[51] **Int.Cl. H01M 4/04 (2006.01) H01M 4/133 (2010.01) H01M 4/1393 (2010.01) H01M 4/587 (2010.01) H01M 10/0525 (2010.01) H01M 10/0569 (2010.01) C01B 31/04 (2006.01) H01M 4/36 (2006.01) H01M 4/62 (2006.01)**
[25] EN
[54] **GALVANIC CELLS AND (PARTIALLY) LITHIATED LITHIUM BATTERY ANODES WITH INCREASED CAPACITY AND METHODS FOR PRODUCING SYNTHETIC GRAPHITE INTERCALATION COMPOUNDS**
[54] **ELEMENTS GALVANIQUES ET ANODES POUR BATTERIE AU LITHIUM (PARTIELLEMENT) LITHIEES ET A CAPACITE ACCRUE, ET PROCEDE DE PRODUCTION DE COMPOSES D'INTERCALATION DU GRAPHITE DE SYNTHESE**
[72] WIETELMANN, ULRICH, DE
[72] NICKEL, VERA, DE
[72] SCHERER, STEFAN, DE
[72] EMMEL, UTE, DE
[72] BUHRMESTER, THORSTEN, DE
[72] HABER, STEFFEN, DE
[72] KRAMER, GERD, DE
[71] ROCKWOOD LITHIUM GMBH, DE
[85] 2016-08-09
[86] 2015-02-13 (PCT/EP2015/053039)
[87] (WO2015/121391)
[30] DE (10 2014 202 656.3) 2014-02-13

[21] **2,939,159**
[13] A1

[51] **Int.Cl. G01S 5/02 (2010.01) H04W 4/04 (2009.01) H04W 64/00 (2009.01)**
[25] EN
[54] **DETERMINING PROXIMITY TO A VENUE**
[54] **DETERMINATION DE LA PROXIMITE D'UN LIEU**
[72] LIN, JYH-HAN, US
[72] WANG, CHIH-WEI, US
[72] DIACETIS, STEPHEN P., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-08-09
[86] 2015-02-25 (PCT/US2015/017406)
[87] (WO2015/130719)
[30] US (14/192,498) 2014-02-27

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[21] **2,939,160**
[13] A1

[51] **Int.Cl. H01M 4/04 (2006.01) H01M 4/133 (2010.01) H01M 4/1393 (2010.01) H01M 4/587 (2010.01) H01M 10/0525 (2010.01) H01M 10/0569 (2010.01) C01B 31/04 (2006.01) H01M 4/36 (2006.01) H01M 4/62 (2006.01)**

[25] EN

[54] **STABILISED (PARTIALLY) LITHIATED GRAPHITE MATERIALS, METHODS FOR THE PRODUCTION THEREOF AND USE FOR LITHIUM BATTERIES**

[54] **MATERIAUX DE GRAPHITE (PARTIELLEMENT) LITHIES STABILISES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION POUR DES BATTERIES AU LITHIUM**

[72] WIETELMANN, ULRICH, DE

[72] NICKEL, VERA, DE

[72] SCHERER, STEFAN, DE

[72] EMMEL, UTE, DE

[72] BUHRMESTER, THORSTEN, DE

[72] HABER, STEFFEN, DE

[72] KRAMER, GERD, DE

[71] ROCKWOOD LITHIUM GMBH, DE

[85] 2016-08-09

[86] 2015-02-13 (PCT/EP2015/053040)

[87] (WO2015/121392)

[30] DE (10 2014 202 657.1) 2014-02-13

[21] **2,939,161**
[13] A1

[51] **Int.Cl. G06K 9/00 (2006.01) G06F 17/30 (2006.01) G06K 9/62 (2006.01) G06T 11/60 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR IMAGE-FEATURE-BASED RECOGNITION**

[54] **SYSTEMES ET PROCEDES DE RECONNAISSANCE BASEE SUR DES CARACTERISTIQUES D'IMAGE**

[72] HOLZSCHNEIDER, PHILIPP, DE

[72] MAGERS, THORSTEN OTTO WOLFGANG, DE

[72] PRIEHN, HANNES, DE

[71] GEENEE UG, DE

[85] 2016-08-09

[86] 2015-02-10 (PCT/IB2015/000908)

[87] (WO2015/125025)

[30] US (61/937,859) 2014-02-10

[21] **2,939,162**
[13] A1

[51] **Int.Cl. B01F 7/22 (2006.01) B01F 7/16 (2006.01)**

[25] EN

[54] **MIXING APPARATUS WITH STATOR AND METHOD**

[54] **APPAREIL DE MELANGE AVEC STATOR ET PROCEDE DE MELANGE**

[72] LUHARUKA, RAJESH, US

[72] CHOCHUA, GOCHA, US

[72] PHAM, HAU NGUYEN-PHUC, US

[72] AYYAD, MARK, US

[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2016-08-09

[86] 2015-02-24 (PCT/US2015/017175)

[87] (WO2015/130619)

[30] US (14/192,838) 2014-02-27

[30] US (14/192,821) 2014-02-27

[21] **2,939,163**
[13] A1

[51] **Int.Cl. A01H 5/10 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **METHOD FOR PLANT IMPROVEMENT**

[54] **PROCEDE D'AMELIORATION DES PLANTES**

[72] PAUL, WYATT, FR

[72] ROUSTER, JACQUES, FR

[72] SALLAUD, CHRISTOPHE, FR

[71] BIOGEMMA, FR

[85] 2016-08-09

[86] 2015-02-13 (PCT/EP2015/053046)

[87] (WO2015/121396)

[30] EP (14305193.6) 2014-02-14

[21] **2,939,164**
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4439 (2006.01) A61P 3/04 (2006.01) A61P 25/00 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) C07D 401/04 (2006.01) A61K 31/437 (2006.01) C07D 471/04 (2006.01)**

[25] EN

[54] **NOVEL 3-(INDOL-3-YL)-PYRIDINE DERIVATIVES, PHARMACEUTICAL COMPOSITIONS AND METHODS FOR USE**

[54] **DERIVES DE 3-(INDOL-3-YL)PIRIDINE, COMPOSITIONS PHARMACEUTIQUES ET PROCEDES D'UTILISATION**

[72] CROSIGNANI, STEFANO, BE

[72] CAUWENBERGHS, SANDRA, BE

[72] DRIESSENS, GREGORY, BE

[72] DEROOSE, FREDERIK, BE

[71] ITEOS THERAPEUTICS, BE

[85] 2016-08-09

[86] 2015-02-11 (PCT/IB2015/051036)

[87] (WO2015/121812)

[30] EP (14154911.3) 2014-02-12

[30] US (61/996,974) 2014-02-12

[30] BE (2014/0774) 2014-11-06

[21] **2,939,166**
[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01) E21B 17/00 (2006.01)**

[25] EN

[54] **CUT-TO-RELEASE PACKER WITH LOAD TRANSFER DEVICE TO EXPAND PERFORMANCE ENVELOPE**

[54] **GARNITURE D'ETANCHEITE A LIBERATION PAR COUPURE, DOTEE D'UN DISPOSITIF DE TRANSFERT DE CHARGE POUR ETENDRE L'ENVELOPPE DE PERFORMANCES**

[72] FOONG, RYAN ZHE CONG, SG

[72] WONG, DANIEL LORNG YON, SG

[72] KAM, IRIS SOK YEE, SG

[72] CHUA, YIT LONG RAYMOND, SG

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-08-09

[86] 2014-03-24 (PCT/US2014/031613)

[87] (WO2015/147787)

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[21] **2,939,168**
[13] A1

[51] **Int.Cl. B24C 3/04 (2006.01)**
[25] EN
[54] **NOZZLE HEAD**
[54] **TETE DE GICLEUR**
[72] LINDE, MARCO, DE
[71] ANT APPLIED NEW TECHNOLOGIES AG, DE
[85] 2016-08-09
[86] 2014-02-19 (PCT/EP2014/053259)
[87] (WO2015/124182)

[21] **2,939,169**
[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **AUTHENTICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION**
[72] DOCTOR, BRAD BERNAY, US
[72] JAMIEL, NATHANIEL DAVID, US
[72] FRALEY, TAYLOR DAVID, US
[72] FABLE, JOHN GRAYSON, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2016-08-09
[86] 2015-02-10 (PCT/US2015/015176)
[87] (WO2015/120437)
[30] US (14/176,706) 2014-02-10

[21] **2,939,170**
[13] A1

[51] **Int.Cl. H04N 19/597 (2014.01)**
[25] EN
[54] **CONSTRAINED DEPTH INTRA MODE CODING FOR 3D VIDEO CODING**
[54] **CONTRAINTE DE CODAGE DE PROFONDEUR EN MODE INTRA POUR CODAGE VIDEO EN 3D**
[72] LIU, HONGBIN, CN
[72] CHEN, YING, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-08-09
[86] 2014-03-13 (PCT/CN2014/073346)
[87] (WO2015/135169)

[21] **2,939,173**
[13] A1

[51] **Int.Cl. B81B 3/00 (2006.01)**
[25] EN
[54] **MICROMECHANICAL COMPONENT HAVING A SPLIT, GALVANICALLY ISOLATED ACTIVE STRUCTURE, AND METHOD FOR OPERATING SUCH A COMPONENT**
[54] **COMPOSANT MICROMECHANIQUE COMPORTANT UNE STRUCTURE ACTIVE SEPARÉE ELECTRIQUEMENT ISOLÉE ET PROCEDE POUR FAIRE FONCTIONNER UN TEL COMPOSANT**
[72] SPAHLINGER, GUNTER, DE
[71] NORTHROP GRUMMAN LITEF GMBH, DE
[85] 2016-08-09
[86] 2015-02-11 (PCT/EP2015/000303)
[87] (WO2015/128062)
[30] DE (10 2014 002 823.2) 2014-02-25

[21] **2,939,174**
[13] A1

[51] **Int.Cl. A47F 7/28 (2006.01)**
[25] EN
[54] **ERGONOMIC BOTTLE DISPLAY**
[54] **PRESENTOIR ERGONOMIQUE DE BOUTEILLES**
[72] JOHNSON, TERRY J., US
[72] JOHNSON, TRAVIS OGDEN, US
[71] GAMON PLUS, INC., US
[85] 2016-08-09
[86] 2015-02-10 (PCT/US2015/015184)
[87] (WO2015/120441)
[30] US (14/177,054) 2014-02-10

[21] **2,939,176**
[13] A1

[51] **Int.Cl. A01N 25/04 (2006.01) A01N 37/46 (2006.01) A01N 43/56 (2006.01) A01N 47/24 (2006.01)**
[25] EN
[54] **AQUEOUS AGROFORMULATION COMPRISING SUSPENDED PESTICIDE, CELLULOSE ETHER AND THICKENER**
[54] **FORMULATION AGROCHIMIQUE AQUEUSE COMPRENANT UN PESTICIDE EN SUSPENSION, DE L'ETHER DE CELLULOSE ET UN AGENT EPAISSISSANT**
[72] KLIMOV, EVGUENI, DE
[72] KLAMCZYNSKI, KATHARINE, DE
[71] BASF SE, DE
[85] 2016-08-09
[86] 2015-01-14 (PCT/EP2015/050575)
[87] (WO2015/124330)
[30] EP (14156074.8) 2014-02-21

PCT Applications Entering the National Phase

[21] **2,939,177**
[13] A1

[51] **Int.Cl. A23L 3/32 (2006.01) A47J 37/12 (2006.01) F25D 11/00 (2006.01) F25D 13/00 (2006.01) H01F 38/12 (2006.01) H01T 19/00 (2006.01) H01T 23/00 (2006.01)**

[25] EN

[54] **SPACE POTENTIAL GENERATION DEVICE, A STORAGE DEVICE FOR MAINTAINING A FRESHNESS OF AN OBJECT STORED THEREIN USING SUCH SPACE POTENTIAL GENERATION DEVICE, AND FRYER PROVIDED WITH SUCH SPACE POTENTIAL GENERATION DEVICE**

[54] **DISPOSITIF DE GENERATION DE POTENTIEL D'ESPACE, UN DISPOSITIF DE STOCKAGE SERVANT A MAINTENIR LE RAFRAICHISSEMENT D'UN OBJET STOCKE DANS LE DISPOSITIF AU MOYEN D'UN TEL DISPOSITIF DE GENERATION DE POTENTIEL D'ESPACE ET UN DISPOSITIF DE FRITURE COMPORTANT UN TEL DISPOSITIF DE GENERATION DE POTENTIEL D'ESPACE**

[72] GOTO, KANETAKA, JP
[72] KONDO, KANAKO, JP
[72] KATO, TAKAYUKI, JP
[71] GOTO, KANETAKA, JP
[85] 2016-08-09
[86] 2014-11-18 (PCT/JP2014/080512)
[87] (WO2015/122070)
[30] JP (2014-027804) 2014-02-17

[21] **2,939,178**
[13] A1

[51] **Int.Cl. H02J 3/38 (2006.01) H02J 1/10 (2006.01) H02J 7/34 (2006.01) H02J 7/35 (2006.01)**

[25] EN

[54] **POWER SOURCE SYSTEM**

[54] **SYSTEME DE SOURCE D'ALIMENTATION**

[72] NAKAYAMA, TOMONORI, JP
[72] ISHIDA, MASAYOSHI, JP
[72] TODA, MASAHISA, JP
[72] TAKAHASHI, SHINJI, JP
[72] HASEGAWA, HIROAKI, JP
[72] HIRAOKA, KAZUTAKA, JP
[72] KAKIZAKI, NOBUO, JP
[71] JGC CORPORATION, JP
[85] 2016-08-09
[86] 2015-03-04 (PCT/JP2015/001149)
[87] (WO2015/133136)
[30] JP (2014-041764) 2014-03-04

[21] **2,939,179**
[13] A1

[51] **Int.Cl. G01L 19/06 (2006.01) G01L 9/02 (2006.01) G01L 19/00 (2006.01)**

[25] EN

[54] **DIFFERENTIAL PRESSURE MEASURING PICKUP**

[54] **CAPTEUR DE PRESSION DIFFERENTIELLE**

[72] HUGEL, MICHAEL, DE
[72] UEHLIN, THOMAS, DE
[72] HAHN, CHRISTIAN, DE
[71] ENDRESS+HAUSER GMBH+CO. KG, DE
[85] 2016-08-09
[86] 2015-01-16 (PCT/EP2015/050787)
[87] (WO2015/128111)
[30] DE (10 2014 102 719.1) 2014-02-28

[21] **2,939,180**
[13] A1

[51] **Int.Cl. A01B 69/00 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR GENERATING SHARED COLLABORATIVE MAPS**

[54] **PROCEDES ET SYSTEMES DE GENERATION DE CARTES COLLABORATIVES PARTAGEES**

[72] SAUDER, DOUG, US
[72] BONES, TAVIS, US
[72] REDDY, TIM, US
[71] PRECISION PLANTING LLC, US
[85] 2016-08-09
[86] 2015-02-10 (PCT/US2015/015252)
[87] (WO2015/120470)
[30] US (61/937,725) 2014-02-10

[21] **2,939,181**
[13] A1

[51] **Int.Cl. H01Q 1/42 (2006.01) H01Q 1/22 (2006.01)**

[25] EN

[54] **ANTENNA DEVICE**

[54] **DISPOSITIF D'ANTENNE**

[72] NAKADA, NORIYOSHI, JP
[72] UBUKATA, ATSUSHI, JP
[71] YOKOWO CO., LTD., JP
[85] 2016-08-09
[86] 2015-01-20 (PCT/JP2015/051361)
[87] (WO2015/118939)
[30] JP (2014-023648) 2014-02-10

[21] **2,939,182**
[13] A1

[51] **Int.Cl. A61M 37/00 (2006.01) A61B 5/15 (2006.01) A61B 17/20 (2006.01)**

[25] EN

[54] **MICRONEEDLE SYSTEM AND METHOD FOR THE PRODUCTION THEREOF**

[54] **SYSTEME DE MICRO-AIGUILLES ET SON PROCEDE DE FABRICATION**

[72] SCHERR, SEBASTIAN, DE
[72] HEUSER, KARSTEN, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2016-08-09
[86] 2015-02-03 (PCT/EP2015/052150)
[87] (WO2015/117938)
[30] EP (14154481.7) 2014-02-10

Demandes PCT entrant en phase nationale

[21] **2,939,183**
[13] A1

[51] **Int.Cl. B22F 9/24 (2006.01) B22F 9/26 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING SEED CRYSTALS USED FOR PRODUCING HYDROGEN-REDUCED NICKEL POWDER**
[54] **METHODE DE PRODUCTION DE CRISTAUX DE SEMENCE EMPLOYES POUR LA PRODUCTION DE POUDDRE DE NICKEL A TENEUR REDUITE EN HYDROGENE**
[72] YONEYAMA, TOMOAKI, JP
[72] HEGURI, SHIN-ICHI, JP
[72] OHARA, HIDEKI, JP
[72] IKEDA, OSAMU, JP
[72] KUDO, YOHEI, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
[85] 2016-08-09
[86] 2015-02-03 (PCT/JP2015/052908)
[87] (WO2015/122315)
[30] JP (2014-027899) 2014-02-17

[21] **2,939,184**
[13] A1

[51] **Int.Cl. C07C 29/09 (2006.01) C07C 31/18 (2006.01) C07C 31/20 (2006.01) C07C 31/26 (2006.01) C12P 7/18 (2006.01) C12P 7/42 (2006.01)**
[25] EN
[54] **INTEGRATED PROCESS FOR PRODUCING CELLULOSIC PULP AND POLYOLS STREAM**
[54] **PROCEDE INTEGRE D'OBTENTION DE PATE CELLULOSIQUE ET DE COURANT DE POLYOLS**
[72] BERNARDI, MARCO, IT
[72] FERRANDO, PATRIZIA, IT
[72] RAGHAVENDRAN, SRINIVASAN, US
[72] BONANNI, ANDREA, IT
[72] FRATTINI, ALESSANDRA, IT
[72] GIORDANO, DARIO, IT
[71] BIOCHEMTEX S.P.A., IT
[85] 2016-08-09
[86] 2015-02-13 (PCT/EP2015/053062)
[87] (WO2015/124498)
[30] US (61/943,757) 2014-02-24
[30] IT (MI2014A 000698) 2014-04-14

[21] **2,939,185**
[13] A1

[51] **Int.Cl. H01M 4/86 (2006.01) H01M 4/96 (2006.01) H01M 8/02 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **GAS DIFFUSION ELECTRODE SUBSTRATE, AND MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL PROVIDED THEREWITH**
[54] **SUBSTRAT D'ELECTRODE DE DIFFUSION DE GAZ, ET ENSEMBLE MEMBRANE-ELECTRODE ET PILE A COMBUSTIBLE COMPORTANT LEDIT SUBSTRAT D'ELECTRODE DE DIFFUSION DE GAZ**
[72] TANIMURA, YASUAKI, JP
[72] UTSUNOMIYA, MASAMICHI, JP
[72] KAMAE, TOSHIYA, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2016-08-09
[86] 2015-02-17 (PCT/JP2015/054194)
[87] (WO2015/125748)
[30] JP (2014-032828) 2014-02-24

[21] **2,939,186**
[13] A1

[51] **Int.Cl. A61K 31/5395 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **SALTS AND SOLID FORM OF A BTK INHIBITOR**
[54] **SELS ET FORME SOLIDE D'UN INHIBITEUR DE BTK**
[72] MASJEDIZADEH, MOHAMMAD REZA, US
[72] GOURLAY, STEVEN, US
[71] PRINCIPIA BIOPHARMA INC., US
[85] 2016-08-09
[86] 2015-02-20 (PCT/US2015/016963)
[87] (WO2015/127310)
[30] US (61/943,262) 2014-02-21
[30] US (61/946,480) 2014-02-28
[30] US (62/096,468) 2014-12-23

[21] **2,939,187**
[13] A1

[51] **Int.Cl. C09C 1/02 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF A MINERAL FILLER PRODUCT**
[54] **PROCEDE DE PREPARATION D'UN PRODUIT FORMANT CHARGE MINERALE**
[72] RENTSCH, SAMUEL, CH
[72] IPPOLITO, FABIO, CH
[72] BURI, MATTHIAS, CH
[72] GANE, PATRICK A. C., CH
[71] OMYA INTERNATIONAL AG, CH
[85] 2016-08-09
[86] 2015-02-13 (PCT/EP2015/053069)
[87] (WO2015/124500)
[30] EP (14156110.0) 2014-02-21

[21] **2,939,188**
[13] A1

[51] **Int.Cl. A01N 65/00 (2009.01) A01N 63/02 (2006.01) A01P 3/00 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **BIO-DERIVED COMPOSITIONS FOR USE IN AGRICULTURE**
[54] **COMPOSITIONS DERIVEES DE PRODUITS BIOLOGIQUES DESTINEES A ETRE UTILISEES DANS L'AGRICULTURE**
[72] QUINTERO, JOSE ALEJANDRO RODRIGUEZ, CO
[71] IBEX BIONOMICS, LLC, US
[85] 2016-08-09
[86] 2015-02-10 (PCT/US2015/015261)
[87] (WO2015/120472)
[30] US (14/177,203) 2014-02-10
[30] US (14/177,015) 2014-02-10
[30] US (14/177,199) 2014-02-10

PCT Applications Entering the National Phase

[21] **2,939,189**
[13] A1

[51] **Int.Cl. B23K 35/30 (2006.01) B22F 5/12 (2006.01) B22F 7/00 (2006.01) B23K 35/02 (2006.01) B23K 35/40 (2006.01) C21D 7/10 (2006.01)**

[25] EN

[54] **BRAZING AND SOLDERING ALLOY WIRES**

[54] **FILS EN ALLIAGE DE BRASAGE ET DE SOUDAGE**

[72] MIKLOS, MARK, US

[72] ZIANI, ABDELOUAHAB, US

[71] MORGAN ADVANCED CERAMICS, INC, US

[85] 2016-08-09

[86] 2015-02-19 (PCT/EP2015/053486)

[87] (WO2015/124665)

[30] US (61/942,208) 2014-02-20

[21] **2,939,193**
[13] A1

[51] **Int.Cl. H01M 4/86 (2006.01) H01M 4/96 (2006.01) H01M 8/02 (2016.01) H01M 8/10 (2016.01)**

[25] EN

[54] **GAS DIFFUSION ELECTRODE SUBSTRATE, AND MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL EQUIPPED WITH SAME**

[54] **SUBSTRAT D'ELECTRODE DE DIFFUSION DE GAZ ET ENSEMBLE MEMBRANE-ELECTRODE ET PILE A COMBUSTIBLE EQUIPES DE CE DERNIER**

[72] TANIMURA, YASUAKI, JP

[72] UTSUNOMIYA, MASAMICHI, JP

[72] KAMAE, TOSHIYA, JP

[72] OKANO, YASUTAKA, JP

[71] TORAY INDUSTRIES, INC., JP

[85] 2016-08-09

[86] 2015-02-17 (PCT/JP2015/054195)

[87] (WO2015/125749)

[30] JP (2014-032829) 2014-02-24

[21] **2,939,195**
[13] A1

[51] **Int.Cl. B65B 43/12 (2006.01) B31B 19/98 (2006.01) B65B 43/14 (2006.01) B65D 71/50 (2006.01) B65D 75/58 (2006.01) B65D 85/62 (2006.01)**

[25] EN

[54] **ASSEMBLY AND METHOD FOR STORING CONTAINERS**

[54] **ENSEMBLE ET PROCEDE DE STOCKAGE DE RECIPIENTS**

[72] GEBBINK, JEROEN GERRIT ANTON, NL

[72] VERHOEVEN, STIJN ANTONIUS PETRUS, NL

[71] FUJI SEAL INTERNATIONAL, INC., JP

[85] 2016-08-09

[86] 2015-02-26 (PCT/EP2015/054052)

[87] (WO2015/128427)

[30] NL (2012330) 2014-02-26

[30] NL (2012820) 2014-05-15

[21] **2,939,196**
[13] A1

[51] **Int.Cl. H01M 4/96 (2006.01) H01M 4/86 (2006.01) H01M 8/88 (2006.01) H01M 8/02 (2016.01) H01M 8/10 (2016.01)**

[25] EN

[54] **GAS DIFFUSION ELECTRODE SUBSTRATE**

[54] **SUBSTRAT D'ELECTRODE DE DIFFUSION DE GAZ**

[72] UTSUNOMIYA, MASAMICHI, JP

[72] TANIMURA, YASUAKI, JP

[72] KAMAE, TOSHIYA, JP

[71] TORAY INDUSTRIES, INC., JP

[85] 2016-08-09

[86] 2015-02-17 (PCT/JP2015/054196)

[87] (WO2015/125750)

[30] JP (2014-032830) 2014-02-24

[21] **2,939,199**
[13] A1

[51] **Int.Cl. G01N 27/00 (2006.01)**

[25] EN

[54] **APPARATUS FOR SENSING ENVIRONMENTAL PH CHANGES**

[54] **APPAREIL PERMETTANT DE CAPTER LES CHANGEMENTS DE PH DANS L'ENVIRONNEMENT**

[72] STRIEMER, GRANT EDWARD, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2016-08-05

[86] 2015-03-19 (PCT/US2015/021357)

[87] (WO2015/148231)

[30] US (14/224,468) 2014-03-25

[21] **2,939,200**
[13] A1

[51] **Int.Cl. A61K 48/00 (2006.01) C12N 5/07 (2010.01) A61K 39/12 (2006.01) A61K 39/395 (2006.01) C12N 15/861 (2006.01)**

[25] EN

[54] **EBOLA MONOCLONAL ANTIBODIES**

[54] **ANTICORPS MONOCLONAUX ANTI-EBOLA**

[72] BERRY, JODY, CA

[72] MCCLARTY, GRANT, CA

[72] WARFIELD, KELLY, US

[72] JAVAD, AMAN MOHAMMAD, US

[71] BERRY, JODY, CA

[71] MCCLARTY, GRANT, CA

[71] WARFIELD, KELLY, US

[71] JAVAD, AMAN MOHAMMAD, US

[85] 2016-08-09

[86] 2015-02-19 (PCT/US2015/016702)

[87] (WO2015/127136)

[30] US (61/941,775) 2014-02-19

[21] **2,939,202**
[13] A1

[51] **Int.Cl. H01L 21/8234 (2006.01) H01L 27/088 (2006.01)**

[25] EN

[54] **HIGH PERFORMANCE STANDARD CELL**

[54] **CELLULE STANDARD A HAUT RENDEMENT**

[72] CHEN, XIANGDONG, US

[72] KWON, OHSANG, US

[72] VANG, FOUA, US

[72] DATTA, ANIMESH, US

[72] RASOULI, SEID HADI, US

[71] QUALCOMM INCORPORATED, US

[85] 2016-08-09

[86] 2015-02-19 (PCT/US2015/016690)

[87] (WO2015/134202)

[30] US (14/195,525) 2014-03-03

Demandes PCT entrant en phase nationale

[21] **2,939,203**
[13] A1

[51] **Int.Cl. H04L 29/12 (2006.01) H04L 12/28 (2006.01) H04L 29/06 (2006.01)**

[25] EN

[54] **ENABLING FILE ORIENTED ACCESS ON STORAGE DEVICES**

[54] **ACTIVATION D'ACCES ORIENTE FICHIERS SUR DES DISPOSITIFS DE MEMOIRE**

[72] STEVENS, CURTIS E., US

[72] KARR, CHRISTOPHER P., US

[71] WESTERN DIGITAL TECHNOLOGIES, INC., US

[85] 2016-08-09

[86] 2015-02-11 (PCT/US2015/015311)

[87] (WO2015/123234)

[30] US (61/940,232) 2014-02-14

[30] US (14/483,497) 2014-09-11

[21] **2,939,204**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/30 (2006.01) A61K 39/00 (2006.01)**

[25] EN

[54] **HUMANIZED ANTIBODIES WITH INCREASED STABILITY**

[54] **ANTICORPS HUMANISES PRESENTANT UNE STABILITE ACCRUE**

[72] GAUTHIER, LAURENT, FR

[72] SCHNEIDER, NICOLAS, FR

[71] INNATE PHARMA, FR

[85] 2016-08-09

[86] 2015-03-12 (PCT/EP2015/055224)

[87] (WO2015/136052)

[30] US (61/953,035) 2014-03-14

[21] **2,939,205**
[13] A1

[51] **Int.Cl. G01N 27/26 (2006.01)**

[25] EN

[54] **APPARATUS FOR SENSING ENVIRONMENTAL HUMIDITY CHANGES**

[54] **APPAREIL POUR DETECTER DES CHANGEMENTS ENVIRONNEMENTAUX ASSOCIES A L'HUMIDITE**

[72] STRIEMER, GRANT EDWARD, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2016-08-05

[86] 2015-03-19 (PCT/US2015/021358)

[87] (WO2015/148232)

[30] US (14/224,475) 2014-03-25

[21] **2,939,207**
[13] A1

[51] **Int.Cl. H04M 11/00 (2006.01) F24C 7/02 (2006.01) H04Q 9/00 (2006.01)**

[25] EN

[54] **HEATING COOKING SYSTEM**

[54] **SYSTEME DE CUISSON PAR CHAUFFAGE**

[72] TANAKA, MINORU, JP

[72] UCHIYAMA, MASAYA, JP

[72] NISHIDE, MARI, JP

[71] SHARP KABUSHIKI KAISHA, JP

[85] 2016-08-09

[86] 2015-08-21 (PCT/JP2015/073594)

[87] (WO2016/035584)

[30] JP (2014-181509) 2014-09-05

[21] **2,939,208**
[13] A1

[51] **Int.Cl. C23F 14/02 (2006.01) C01B 25/22 (2006.01) C02F 1/70 (2006.01) C02F 5/12 (2006.01) C23F 15/00 (2006.01)**

[25] EN

[54] **PRIMARY AMINE-CONTAINING POLYMERS USEFUL AS SCALE INHIBITORS**

[54] **POLYMERES CONTENANT DES AMINES PRIMAIRES UTILES EN TANT QU'INHIBITEURS DE TARTRE**

[72] ZHANG, LEI, US

[72] CARR, JOHN, US

[72] CHEN, HAUNN-LIN TONY, US

[71] CYTEC INDUSTRIES INC., US

[85] 2016-08-09

[86] 2015-02-11 (PCT/US2015/015412)

[87] (WO2015/123294)

[30] US (61/938,235) 2014-02-11

[21] **2,939,210**
[13] A1

[51] **Int.Cl. B32B 27/36 (2006.01) E04B 1/80 (2006.01)**

[25] EN

[54] **VACUUM INSULATION BOARD COMPRISING AN ORGANIC AEROGEL**

[54] **PANNEAU D'ISOLANT COMPORTANT DES ELEMENTS A VIDE RENFERMANT UN AEROGEL BIOLOGIQUE**

[72] POUPA PARSIGNEAU, NADINE, FR

[72] SWOBODA, BENJAMIN, FR

[72] HUILLET, CEDRIC, FR

[72] DOMINIAK, CHRISTOPHE, FR

[71] HUTCHINSON, FR

[85] 2016-08-09

[86] 2014-02-12 (PCT/FR2014/050267)

[87] (WO2015/121540)

PCT Applications Entering the National Phase

[21] **2,939,211**
[13] A1

[51] **Int.Cl. A61M 29/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MANIPULATING THE SIDE WALL OF A BODY LUMEN OR BODY CAVITY SO AS TO PROVIDE INCREASED VISUALIZATION OF THE SAME AND/OR INCREASED ACCESS TO THE SAME, AND/OR FOR STABILIZING INSTRUMENTS RELATIVE TO THE SAME**

[54] **METHODE ET APPAREIL DE MANIPULATION DE LA PAROI LATERALE D'UNE LUMIERE CORPORELLE OU D'UNE CAVITE CORPORELLE EN VUE DE FOURNIR UNE MEILLEURE VISUALISATION DE CELLES-CI, ET/OU UN MEILLEUR ACCES A CELLES-CI, ET/OU UNE STABILISATION D'INSTRUMENTS PAR RAPPORT A CELLES-CI**

[72] CORNHILL, JOHN FREDERICK, US
[72] MILSOM, JEFFREY, US
[72] SHARMA, SAMEER, US
[72] NGUYEN, TUAN ANH, US
[72] DILLON, CHRISTOPHER, US
[72] GREELEY, GABRIEL, US
[72] SATHE, RAHUL, US
[72] DENARDO, MATTHEW, US
[72] WHITNEY, ASHLEY, US
[72] VAN HILL, JEREMY, US
[72] ASSAL, ANTHONY, US
[71] CORNELL UNIVERSITY, US
[85] 2016-08-09
[86] 2015-02-11 (PCT/US2015/015440)
[87] (WO2015/123313)
[30] US (61/938,446) 2014-02-11
[30] US (14/540,355) 2014-11-13

[21] **2,939,212**
[13] A1

[51] **Int.Cl. B65D 83/68 (2006.01)**
[25] EN
[54] **A SINGLE HOLE SINGLE ACTION AEROSOL CAN**

[54] **BOMBE AEROSOL A TROU UNIQUE ET ACTION UNIQUE**

[72] ONG, YOKE EN, MY
[71] ONG, YOKE EN, MY
[85] 2016-08-09
[86] 2015-11-04 (PCT/MY2015/000090)
[87] (WO2016/093691)
[30] MY (PI 2014703712) 2014-12-10

[21] **2,939,213**
[13] A1

[51] **Int.Cl. H04B 7/24 (2006.01)**
[25] EN
[54] **COMMUNICATIONS SYSTEMS, METHODS AND DEVICES HAVING IMPROVED NOISE IMMUNITY**

[54] **SYSTEMES, PROCEDES ET DISPOSITIFS DE COMMUNICATION AYANT UNE MEILLEURE IMMUNITE AU BRUIT**

[72] LEVITT, HARRY, US
[71] AUDIMAX, LLC, US
[85] 2016-08-09
[86] 2015-02-09 (PCT/US2015/015013)
[87] (WO2015/120381)
[30] US (61/938,072) 2014-02-10
[30] US (61/981,010) 2014-04-17

[21] **2,939,214**
[13] A1

[51] **Int.Cl. C30B 33/04 (2006.01) C30B 31/22 (2006.01)**
[25] EN
[54] **FLOAT ZONE SILICON WAFER MANUFACTURING SYSTEM AND RELATED PROCESS**

[54] **SYSTEME DE FABRICATION D'UNE GAUFRETTE DE SILICIUM A ZONE FLOTTANTE ET PROCEDE ASSOCIE**

[72] YAKUB, ANDREW X., US
[72] ROSENZWEIG, JAMES BENJAMIN, US
[72] GOORSKY, MARK STANLEY, US
[71] RAYTON SOLAR INC., US
[85] 2016-08-09
[86] 2015-02-18 (PCT/US2015/016436)
[87] (WO2015/126980)
[30] US (61/941,325) 2014-02-18

[21] **2,939,215**
[13] A1

[51] **Int.Cl. H04N 21/431 (2011.01) H04N 21/462 (2011.01) H04N 5/445 (2011.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR GENERATING AND PROVIDING PROGRAM GUIDES AND CONTENT**

[54] **PROCEDES ET SYSTEMES DE GENERATION ET DE FOURNITURE DE GUIDES DE PROGRAMMES ET DE CONTENU**

[72] GROUF, NICHOLAS A., US
[72] POZIN, ILYA, US
[72] SIEVERDING, THOMAS, US
[72] PRICE, MICHAEL, US
[72] EMERSON, LINDSEY, US
[72] GABBAY, LYNN D., US
[72] RYAN, THOMAS V., US
[72] GOLD, AUDRA E., US
[72] HOU, CHAN V., US
[71] PLUTO INC., US
[85] 2016-08-09
[86] 2015-02-13 (PCT/US2015/015902)
[87] (WO2015/123572)
[30] US (61/940,096) 2014-02-14

[21] **2,939,217**
[13] A1

[51] **Int.Cl. D01F 8/12 (2006.01) D02G 1/02 (2006.01)**
[25] EN
[54] **CRIMPED POLYAMIDE YARN, AND WOVEN OR KNIT FABRIC EMPLOYING SAME**

[54] **FIL CREPE POLYAMIDE, ET ARTICLE TISSE/TRICOTE METTANT EN UUVRE CELUI-CI**

[72] DATE, HIROAKI, JP
[72] SHIBATA, YASUHIRO, JP
[72] MATSUKI, YOSUKE, JP
[72] JING, HONGCHUAN, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2016-08-09
[86] 2015-02-25 (PCT/JP2015/055367)
[87] (WO2015/129735)
[30] JP (2014-035053) 2014-02-26

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[21] **2,939,218**
[13] A1

[51] **Int.Cl. G06T 17/05 (2011.01)**
[25] EN
[54] **MODELING GEOLOGIC SURFACES USING UNILATERAL NON-NODE CONSTRAINTS FROM NEIGHBORING SURFACES IN THE STRATIGRAPHIC SEQUENCE**

[54] **MODELISATION DE SURFACES GEOLOGIQUES A L'AIDE DE CONTRAINTES UNILATERALES NON NODALES ISSUES DE SURFACES VOISINES DANS LA SEQUENCE STRATIGRAPHIQUE**

[72] DAFFIN, THOMAS CHESTER, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-08-09
[86] 2014-03-10 (PCT/US2014/022820)
[87] (WO2015/137916)

[21] **2,939,219**
[13] A1

[51] **Int.Cl. A01N 43/90 (2006.01) C07D 291/00 (2006.01) C07D 473/00 (2006.01) C07D 487/04 (2006.01)**

[25] EN
[54] **COMPOSITIONS AND METHODS USING THE SAME FOR TREATMENT OF NEURODEGENERATIVE AND MITOCHONDRIAL DISEASE**

[54] **COMPOSITIONS ET PROCEDES LES UTILISANT POUR LE TRAITEMENT DE MALADIE NEURODEGENERATIVE ET MITOCHONDRIALE**

[72] DE ROULET, DANIEL, US
[72] DEVITA, ROBERT, US
[71] MITOKININ LLC, US
[85] 2016-08-09
[86] 2015-02-11 (PCT/US2015/015513)
[87] (WO2015/123365)
[30] US (61/938,691) 2014-02-11

[21] **2,939,220**
[13] A1

[51] **Int.Cl. B67D 3/00 (2006.01) A47K 5/12 (2006.01) B65D 47/32 (2006.01) B67D 3/04 (2006.01)**

[25] EN
[54] **VENTED TAP DISPENSER FOR LIQUID**

[54] **ROBINET DISTRIBUTEUR A EVENT POUR LIQUIDE**

[72] SMITH, CHRISTOPHER LAWRENCE, US
[72] LASALA, WILLIAM KATER, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-08-08
[86] 2015-03-12 (PCT/US2015/020132)
[87] (WO2015/138697)
[30] US (14/205,848) 2014-03-12

[21] **2,939,222**
[13] A1

[51] **Int.Cl. E21B 29/02 (2006.01) E21B 43/116 (2006.01) E21B 43/117 (2006.01) E21B 43/1185 (2006.01) E21B 43/119 (2006.01) E21B 43/263 (2006.01)**

[25] EN
[54] **DETONATOR INTERRUPTER FOR WELL TOOLS**

[54] **INTERRUPTEUR DE DETONATEUR POUR OUTILS DE PUIITS**

[72] MORRISON, IAN, US
[72] ANDRICH, LYLE W., US
[72] VASS, BRADLEY, US
[72] LAGRANGE, TIMOTHY E., US
[71] OWEN OIL TOOLS LP, US
[85] 2016-08-09
[86] 2015-02-12 (PCT/US2015/015659)
[87] (WO2015/123436)
[30] US (61/938,939) 2014-02-12

[21] **2,939,224**
[13] A1

[51] **Int.Cl. H04W 72/02 (2009.01) H04W 72/04 (2009.01) H04W 88/02 (2009.01)**

[25] EN
[54] **SYSTEMS, METHODS, AND DEVICES FOR DEVICE-TO-DEVICE COMMUNICATION MODE SELECTION**

[54] **SYSTEMES, PROCEDES, ET DISPOSITIFS DE SELECTION DE MODE DE COMMUNICATION DE DISPOSITIF A DISPOSITIF**

[72] HE, HONG, CN
[72] ZHANG, YUJIAN, CN
[72] HAN, SEUNGHEE, US
[71] INTEL IP CORPORATION, US
[85] 2016-08-09
[86] 2015-02-12 (PCT/US2015/015700)
[87] (WO2015/138083)
[30] US (61/953,645) 2014-03-14
[30] US (14/582,611) 2014-12-24

[21] **2,939,226**
[13] A1

[51] **Int.Cl. G02B 1/10 (2015.01) G02B 1/18 (2015.01)**

[25] EN
[54] **EASY-CLEAN COATING**

[54] **REVETEMENT FACILE A NETTOYER**

[72] KISSEL, DAVID J., US
[72] HAWK, PATRICK S., US
[72] BOULINEAU, MICHAEL S., US
[71] VISION EASE, LP, US
[85] 2016-08-09
[86] 2015-02-12 (PCT/US2015/015717)
[87] (WO2015/123473)
[30] US (61/939,147) 2014-02-12
[30] US (61/945,676) 2014-02-27

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[21] **2,939,227**
[13] A1

[51] **Int.Cl. G02B 6/38 (2006.01)**
[25] EN
[54] **HYBRID ELECTRICAL AND OPTICAL FIBER CABLE SPLICE HOUSINGS**
[54] **BOITIERS D'EPISSURE DE CABLES A FIBRES OPTIQUES ET ELECTRIQUES HYBRIDES**
[72] PARK, BRIAN VANDELLYN, US
[72] POLLARD, MICHAEL EDWIN, US
[72] THERRIEN, JASON EDWARD, US
[72] JAASKELAINEN, MIKKO, US
[72] NADEN, CHRISTOFFER, US
[72] BHAT, GIREESH K., US
[72] GREMILLION, FRANK, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-08-09
[86] 2014-04-25 (PCT/US2014/035432)
[87] (WO2015/163910)

[21] **2,939,228**
[13] A1

[51] **Int.Cl. B60P 7/08 (2006.01)**
[25] EN
[54] **LOAD SECURING DEVICE**
[54] **DISPOSITIF DE FIXATION DE CHARGEMENT**
[72] SCHUH, RAINER KARL, AT
[71] SCHUH, RAINER KARL, AT
[85] 2016-08-10
[86] 2015-01-27 (PCT/AT2015/050023)
[87] (WO2015/117174)
[30] AT (A 50096/2014) 2014-02-10

[21] **2,939,229**
[13] A1

[51] **Int.Cl. C01B 31/00 (2006.01)**
[25] EN
[54] **FLEXIBLE COMPOSITE AEROGEL AND MANUFACTURING PROCESS**
[54] **AEROGEL COMPOSITE FLEXIBLE ET PROCEDE DE FABRICATION**
[72] SWOBODA, BENJAMIN, FR
[72] HUILLET, CEDRIC, FR
[72] SONNTAG, PHILIPPE, FR
[72] VAN EIBERGEN, ARTHUR, FR
[71] HUTCHINSON, FR
[85] 2016-08-09
[86] 2014-02-12 (PCT/FR2014/050268)
[87] (WO2015/121541)

[21] **2,939,230**
[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/04 (2006.01) E21B 34/08 (2006.01)**
[25] EN
[54] **DISSOLVABLE ISOLATION DEVICES WITH AN ALTERED SURFACE THAT DELAYS DISSOLUTION OF THE DEVICES**
[54] **DISPOSITIFS D'ISOLATION SOLUBLES COMPORTANT UNE SURFACE MODIFIEE QUI RETARDE LA DISSOLUTION DE CES DISPOSITIFS**
[72] FRIPP, MICHAEL L., US
[72] WALTON, ZACHARY W., US
[72] MURPHREE, ZACHARY R., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-08-09
[86] 2014-06-23 (PCT/US2014/043709)
[87] (WO2015/199649)

[21] **2,939,231**
[13] A1

[51] **Int.Cl. A61L 28/00 (2006.01) A61L 15/58 (2006.01) A61L 24/00 (2006.01)**
[25] EN
[54] **SILICONE ADHESIVES TO SECURE MEDICAL APPLIANCES TO MAMMALIAN BODY**
[54] **ADHESIFS DE SILICONE POUR FIXER DES APPAREILS MEDICAUX AU CORPS D'UN MAMMIFERE**
[72] SAMBASIVAM, MAHESH, US
[72] PEARCE, LLOYD, GB
[72] CHACKSFIELD, JOHN, GB
[71] TRIO HEALTHCARE LIMITED, GB
[85] 2016-08-09
[86] 2015-02-09 (PCT/GB2015/050344)
[87] (WO2015/121626)
[30] US (61/938,401) 2014-02-11
[30] GB (1405483.7) 2014-03-27

[21] **2,939,234**
[13] A1

[51] **Int.Cl. A61J 1/03 (2006.01)**
[25] EN
[54] **DEVICE FOR DETECTING THE REMOVAL OF DRUGS**
[54] **DISPOSITIF POUR LA DETECTION DE LA PRISE DE MEDICAMENTS**
[72] SCHMID, GERNOT, AT
[72] BAMMER, MANFRED, AT
[71] SEIBERSDORF LABOR GMBH, AT
[71] AIT AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH, AT
[85] 2016-08-10
[86] 2015-02-02 (PCT/AT2015/050034)
[87] (WO2015/120498)
[30] AT (A50103/2014) 2014-02-11
[30] AT (A50173/2014) 2014-03-10

[21] **2,939,232**
[13] A1

[51] **Int.Cl. A61J 1/03 (2006.01)**
[25] EN
[54] **DEVICE FOR DETECTING THE REMOVAL OF DRUGS**
[54] **DISPOSITIF D'IDENTIFICATION DU PRELEVEMENT DE MEDICAMENTS**
[72] SCHMID, GERNOT, AT
[72] BAMMER, MANFRED, AT
[71] SEIBERSDORF LABOR GMBH, AT
[71] AIT AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH, AT
[85] 2016-08-10
[86] 2015-02-02 (PCT/AT2015/050033)
[87] (WO2015/120497)
[30] AT (A50103/2014) 2014-02-11
[30] AT (A50173/2014) 2014-03-10

[21] **2,939,233**
[13] A1

[51] **Int.Cl. G06Q 30/00 (2012.01) G01S 19/14 (2010.01)**
[25] EN
[54] **INTERACTIVE VENUE ASSISTANT**
[54] **ASSISTANT DE LIEU INTERACTIF**
[72] XU, DONG, US
[72] TU, FREDERIC, US
[72] XIA, MEIJIE, US
[71] STUBHUB, INC., US
[85] 2016-08-09
[86] 2014-12-11 (PCT/US2014/069845)
[87] (WO2015/126509)
[30] US (14/185,772) 2014-02-20

[21] **2,939,234**
[13] A1

[51] **Int.Cl. A61J 1/03 (2006.01)**
[25] EN
[54] **DEVICE FOR DETECTING THE REMOVAL OF DRUGS**
[54] **DISPOSITIF POUR LA DETECTION DE LA PRISE DE MEDICAMENTS**
[72] SCHMID, GERNOT, AT
[72] BAMMER, MANFRED, AT
[71] SEIBERSDORF LABOR GMBH, AT
[71] AIT AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH, AT
[85] 2016-08-10
[86] 2015-02-02 (PCT/AT2015/050034)
[87] (WO2015/120498)
[30] AT (A50103/2014) 2014-02-11
[30] AT (A50173/2014) 2014-03-10

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[21] **2,939,235**
[13] A1

[51] **Int.Cl. A43B 7/12 (2006.01) A41D 31/02 (2006.01) A43B 23/02 (2006.01) A43B 23/04 (2006.01) A43B 23/07 (2006.01) B32B 27/32 (2006.01)**

[25] EN

[54] **CONFORMABLE SEAMLESS SHOE INSERTS AND FOOTWEAR ASSEMBLIES AND METHODS THEREFOR**

[54] **GARNITURES DE CHAUSSURE SANS COUTURE ADAPTABLES ET ENSEMBLES ARTICLES CHAUSSANTS, ET PROCEDES ASSOCIES**

[72] BACINO, JOHN E., US
[72] CLOUGH, NORMAN E., US
[72] COLLAZO, ORLANDO, US
[72] NABERNIK, STANE, SI
[72] SHELLEY, FRANZ J., US
[72] WOLFRUM, HEIKE, DE
[72] ZAGGL, ALEXANDER, DE
[71] W. L. GORE & ASSOCIATES, INC., US
[71] W.L. GORE & ASSOCIATES, GMBH, DE
[85] 2016-08-09
[86] 2015-02-13 (PCT/US2015/015730)
[87] (WO2015/123481)
[30] US (14/181,217) 2014-02-14
[30] US (14/181,236) 2014-02-14
[30] US (14/181,208) 2014-02-14

[21] **2,939,238**
[13] A1

[51] **Int.Cl. A63B 24/00 (2006.01) A63B 71/00 (2006.01) B65D 51/00 (2006.01)**

[25] EN

[54] **AN EXERCISE DEVICE AND METHOD OF EXERCISING USING SAID DEVICE**

[54] **DISPOSITIF D'EXERCICE ET METHODE D'EXERCICE A L'AIDE DUDIT DISPOSITIF**

[72] DEUTSCH, ROBERT, AU
[72] GILCHRIST, ADAM, AU
[71] FITNESS ENGINEERS PTY LTD, AU
[85] 2016-08-10
[86] 2015-02-11 (PCT/AU2015/000074)
[87] (WO2015/120504)
[30] AU (2014900408) 2014-02-11

[21] **2,939,239**
[13] A1

[51] **Int.Cl. H01T 13/00 (2006.01)**

[25] EN

[54] **COMPOSITION FOR AND METHOD OF MAKING AN INSULATOR FOR A SPARK PLUG**

[54] **COMPOSITION ET PROCEDE PERMETTANT DE PRODUIRE UN ISOLATEUR POUR UNE BOUGIE D'ALLUMAGE**

[72] ZHENG, JING, US
[72] OVERTON, DANNY R., US
[71] FRAM GROUP IP, LLC, US
[85] 2016-08-09
[86] 2015-01-21 (PCT/US2015/012145)
[87] (WO2015/122997)
[30] US (61/939,425) 2014-02-13

[21] **2,939,241**
[13] A1

[51] **Int.Cl. G01N 33/574 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR IDENTIFYING PROGESTERONE RECEPTOR SUBTYPES**

[54] **SYSTEMES ET PROCEDES D'IDENTIFICATION DE SOUS-TYPES DE RECEPTEURS DE LA PROGESTERONE**

[72] GILLES, ERARD, US
[72] ZUKIWSKI, ALEXANDER, US
[71] ARNO THERAPEUTICS, INC., US
[71] INVIVIS PHARMACEUTICALS INC., US
[85] 2016-08-10
[86] 2015-04-07 (PCT/US2015/024792)
[87] (WO2015/157343)
[30] US (61/976,872) 2014-04-08

[21] **2,939,242**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61M 15/00 (2006.01)**

[25] EN

[54] **CANNABINOID COMPOSITIONS AND USES**

[54] **COMPOSITIONS DE CANNABINOIDES ET UTILISATIONS**

[72] HEARN, ALEX, GB
[72] GUPTA, RITIKA, GB
[72] BOWDREY, MOIRA, GB
[71] KIND CONSUMER LIMITED, GB
[85] 2016-08-09
[86] 2015-02-13 (PCT/GB2015/050418)
[87] (WO2015/121673)
[30] GB (1402678.5) 2014-02-14
[30] US (61/941,724) 2014-02-19
[30] GB (1420943.1) 2014-11-25

[21] **2,939,244**
[13] A1

[51] **Int.Cl. B65D 81/26 (2006.01) A01F 25/00 (2006.01) B65B 25/02 (2006.01) B65D 30/08 (2006.01) B65D 81/24 (2006.01) B65D 85/50 (2006.01)**

[25] EN

[54] **FRESH PRODUCE STORAGE DEVICE**

[54] **DISPOSITIF DE STOCKAGE DE PRODUITS FRAIS**

[72] PINI, PEITA, AU
[71] SWAY INTERNATIONAL PTY LTD, AU
[85] 2016-08-10
[86] 2015-02-20 (PCT/AU2015/050066)
[87] (WO2015/123731)
[30] AU (2014900539) 2014-02-20

[21] **2,939,245**
[13] A1

[51] **Int.Cl. E21B 33/038 (2006.01) E21B 17/05 (2006.01) F16L 39/06 (2006.01)**

[25] EN

[54] **HIGH PRESSURE FLUID SWIVEL**

[54] **TETE D'INJECTION DE FLUIDE A HAUTE PRESSION**

[72] BOATMAN, L. TERRY, US
[72] ROY, STEPHANE, US
[71] SOFEC, INC., US
[85] 2016-08-09
[86] 2015-01-27 (PCT/US2015/013033)
[87] (WO2015/123011)
[30] US (14/178,106) 2014-02-11

PCT Applications Entering the National Phase

[21] **2,939,246**
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 38/00 (2006.01) C07K 16/00 (2006.01) C12P 21/08 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **METHODS FOR DIAGNOSING AND TREATING INFLAMMATORY BOWEL DISEASE**

[54] **METHODES PERMETTANT LE DIAGNOSTIC ET LE TRAITEMENT D'UNE MALADIE INFLAMMATOIRE DE L'INTESTIN**

[72] HACKNEY, JASON A., US

[72] KEIR, MARY, US

[72] TEW, GAIK WEI, US

[71] GENENTECH, INC., US

[85] 2016-08-10

[86] 2015-03-26 (PCT/US2015/022762)

[87] (WO2015/148809)

[30] US (61/971,379) 2014-03-27

[21] **2,939,248**
[13] A1

[51] **Int.Cl. H04J 11/00 (2006.01)**

[25] EN

[54] **SYSTEMS, METHODS, AND DEVICES FOR DEVICE-TO-DEVICE DISCOVERY AND COMMUNICATION**

[54] **SYSTEMES, PROCESSES ET DISPOSITIFS DE DECOUVERTE ET DE COMMUNICATION DE DISPOSITIF A DISPOSITIF**

[72] XIONG, GANG, US

[72] CHATTERJEE, DEBDEEP, US

[72] KHORYAEV, ALEXEY, RU

[71] INTEL IP CORPORATION, US

[85] 2016-08-09

[86] 2015-02-11 (PCT/US2015/015454)

[87] (WO2015/138076)

[30] US (61/953,622) 2014-03-14

[30] US (14/582,035) 2014-12-23

[21] **2,939,249**
[13] A1

[51] **Int.Cl. B65D 35/36 (2006.01)**

[25] EN

[54] **MULTIPURPOSE DISPENSER FOR SPREADABLE WALL REPAIR COMPOUND**

[54] **DISTRIBUTEUR A USAGES MULTIPLES D'UN COMPOSE DE REPARATION DE PAROI POUVANT ETRE ETALE**

[72] OLSON, CHRISTOPHER R., US

[71] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2016-08-09

[86] 2015-01-30 (PCT/US2015/013775)

[87] (WO2015/119853)

[30] US (61/937,875) 2014-02-10

[21] **2,939,253**
[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01) H04W 12/10 (2009.01)**

[25] EN

[54] **PREVENTION OF REPLAY ATTACK IN LONG TERM EVOLUTION DEVICE-TO-DEVICE DISCOVERY**

[54] **PREVENTION D'UNE ATTAQUE PAR REJEU LORS D'UNE DECOUVERTE DE DISPOSITIF A DISPOSITIF A LA NORME LONG TERM EVOLUTION**

[72] CHENG, HONG, US

[72] BAGHEL, SUDHIR KUMAR, US

[72] ESCOTT, ADRIAN EDWARD, US

[71] QUALCOMM INCORPORATED, US

[85] 2016-08-09

[86] 2015-01-30 (PCT/US2015/013804)

[87] (WO2015/142430)

[30] US (61/955,601) 2014-03-19

[30] US (14/609,003) 2015-01-29

[21] **2,939,254**
[13] A1

[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/427 (2006.01) A61K 31/437 (2006.01) A61K 31/4439 (2006.01) A61K 31/454 (2006.01) A61K 31/496 (2006.01) A61P 31/04 (2006.01) C07D 487/04 (2006.01)**

[25] EN

[54] **MONOBACTAM ORGANIC COMPOUNDS FOR THE TREATMENT OF BACTERIAL INFECTIONS**

[54] **COMPOSES ORGANIQUES MONOBACTAM POUR LE TRAITEMENT D'INFECTIONS BACTERIENNES**

[72] AULAKH, VIRENDER SINGH, CA

[72] CASAREZ, ANTHONY, US

[72] LIN, XIAODONG, US

[72] LINDVALL, MIKA, US

[72] MCENROE, GLENN, US

[72] MOSER, HEINZ ERNST, US

[72] RECK, FOLKERT, US

[72] TJANDRA, MEILIANA, US

[72] SIMMONS, ROBERT LOWELL, US

[72] YIFRU, AREGAHEGN, US

[72] ZHU, QINGMING, US

[71] NOVARTIS AG, CH

[85] 2016-08-10

[86] 2015-03-23 (PCT/US2015/022011)

[87] (WO2015/148379)

[30] US (61/969,735) 2014-03-24

[30] US (62/088,304) 2014-12-05

[21] **2,939,257**
[13] A1

[51] **Int.Cl. E21B 29/02 (2006.01) E21B 34/06 (2006.01)**

[25] EN

[54] **ISOLATION DEVICES HAVING AN ANODE MATRIX AND A FIBER CATHODE**

[54] **DISPOSITIFS D'ISOLATION COMPORTANT UNE MATRICE D'ANODE ET UNE CATHODE A FIBRES**

[72] FRIPP, MICHAEL L., US

[72] MURPHREE, ZACHARY R., US

[72] WALTON, ZACHARY W., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-08-09

[86] 2015-02-09 (PCT/US2015/014981)

[87] (WO2015/160424)

[30] US (14/254,156) 2014-04-16

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[21] **2,939,258**
[13] A1

[51] **Int.Cl. C09K 3/22 (2006.01) B08B 17/02 (2006.01)**
[25] EN
[54] **METHOD AND COMPOSITION FOR DUST CONTROL**
[54] **PROCEDE ET COMPOSITION DE REGULATION DES POUSSIERES**
[72] ZIM, DANILO, BR
[72] GOMES, FABIO PEIXOTO MACEDO, BR
[71] ECOLAB USA INC., US
[85] 2016-08-09
[86] 2015-02-10 (PCT/US2015/015172)
[87] (WO2015/123188)
[30] US (14/181,631) 2014-02-15

[21] **2,939,259**
[13] A1

[51] **Int.Cl. A61K 31/716 (2006.01) A61K 36/07 (2006.01) A61P 17/04 (2006.01) A61P 17/06 (2006.01)**
[25] EN
[54] **BASIDIOMYCETE-DERIVED CREAM FOR TREATMENT OF SKIN DISEASES**
[54] **CREME DERIVEE DE BASIDIOMYCETE POUR LE TRAITEMENT DE MALADIES CUTANEEES**
[72] KRISTIANSEN, BJORN, NO
[72] HOVLAND, ANNE TORILL, NO
[71] GLYCANOVA AS, NO
[85] 2016-08-09
[86] 2014-02-10 (PCT/IB2014/058878)
[87] (WO2014/122627)
[30] DK (PA 2013 70070) 2013-02-11
[30] US (61/763,014) 2013-02-11

[21] **2,939,260**
[13] A1

[51] **Int.Cl. G06F 13/38 (2006.01) G06F 9/06 (2006.01) G06F 9/44 (2006.01) G06F 9/54 (2006.01)**
[25] EN
[54] **DATA STORAGE DEVICE WITH EMBEDDED SOFTWARE**
[54] **DISPOSITIF DE STOCKAGE DE DONNEES POURVU D'UN LOGICIEL INCORPORE**
[72] MALINA, JAMES N., US
[72] ARUL DHAS, BENIXON, US
[72] CHEN, ALBERT H., US
[71] WESTERN DIGITAL TECHNOLOGIES, INC., US
[85] 2016-08-09
[86] 2015-02-13 (PCT/US2015/015872)
[87] (WO2015/123553)
[30] US (61/940,313) 2014-02-14
[30] US (61/940,269) 2014-02-14
[30] US (14/621,314) 2015-02-12

[21] **2,939,262**
[13] A1

[51] **Int.Cl. A61B 34/20 (2016.01) A61B 5/06 (2006.01) B25J 9/18 (2006.01) B25J 13/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **INTELLIGENT POSITIONING SYSTEM AND METHODS THEREFORE**
[54] **SYSTEME DE POSITIONNEMENT INTELLIGENT ET PROCEDES ASSOCIES**
[72] RICHMOND, JOSHUA LEE, CA
[72] BAILEY, BRENT ANDREW, CA
[72] MCFADYEN, STEPHEN B.E., CA
[72] WOOD, MICHAEL, CA
[72] SAXENA, ABHIJIT, CA
[72] HYNNA, KAI MICHAEL, CA
[72] BAI, YANHUI, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2016-08-08
[86] 2014-09-15 (PCT/CA2014/050875)
[87] (WO2015/135057)
[30] CA (PCT/CA2014/050271) 2014-03-14

[21] **2,939,263**
[13] A1

[51] **Int.Cl. H01L 51/54 (2006.01)**
[25] EN
[54] **ORGANIC LIGHT EMITTING DIODE DEVICE COMPRISING BORON SUBPHTHALOCYANINE**
[54] **DISPOSITIF A DIODES ELECTROLUMINESCENTES ORGANIQUES COMPRENANT DE LA SOUSPHTHALOCYANINE DE BORE**
[72] BENDER, TIMOTHY P., CA
[72] PLINT, TREVOR, CA
[72] CASTRUCCI, JEFFREY S., CA
[71] BENDER, TIMOTHY P., CA
[71] PLINT, TREVOR, CA
[71] CASTRUCCI, JEFFREY S., CA
[85] 2016-08-10
[86] 2015-02-10 (PCT/CA2015/000075)
[87] (WO2015/117234)
[30] US (61/937,899) 2014-02-10

[21] **2,939,265**
[13] A1

[51] **Int.Cl. A61K 49/00 (2006.01) A61K 9/14 (2006.01) A61K 49/22 (2006.01)**
[25] EN
[54] **TARGETED MOLECULAR IMAGING CONTRAST AGENTS**
[54] **AGENTS DE CONTRASTE POUR UNE IMAGERIE MOLECULAIRE CIBLEE**
[72] VALLIANT, JOHN, CA
[72] ZLITNI, AIMEN, CA
[71] MCMMASTER UNIVERSITY, CA
[85] 2016-08-10
[86] 2015-02-10 (PCT/CA2015/000077)
[87] (WO2015/117235)
[30] US (61/937,780) 2014-02-10

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[21] **2,939,270**
[13] A1

[51] **Int.Cl. B29C 67/00 (2006.01) B33Y 10/00 (2015.01) B33Y 30/00 (2015.01) B29C 47/00 (2006.01) B41J 2/00 (2006.01)**

[25] EN

[54] **MULTI-MATERIAL EXTRUDER AND EXTRUSION METHOD FOR THREE-DIMENSIONAL (3D) PRINTING**

[54] **EXTRUDEUSE A PLUSIEURS MATERIAUX ET PROCEDE D'EXTRUSION POUR IMPRESSION EN TROIS DIMENSIONS (3D)**

[72] MIRE, CHARLES, CA
[72] FINKLE, ANDREW, CA
[72] CASTEL, MARC, CA
[71] STRUCTUR3D PRINTING INCORPORATED, CA

[85] 2016-08-10
[86] 2015-02-11 (PCT/CA2015/000080)
[87] (WO2015/120538)
[30] US (61/938,468) 2014-02-11
[30] US (61/990,289) 2014-05-08
[30] US (62/038,130) 2014-08-15

[21] **2,939,271**
[13] A1

[51] **Int.Cl. B29C 47/58 (2006.01)**

[25] EN

[54] **APPARATUS FOR EXTRUDING PLASTIC MATERIALS**

[54] **APPAREIL POUR L'EXTRUSION DE MATIERES PLASTIQUES**

[72] KAY, ALEX W., CA
[72] OOSTERMAN, JAMES DENNON, CA
[72] JOYCE, DAVID MILES, CA
[71] REDETEC INC., CA

[85] 2016-08-10
[86] 2015-02-18 (PCT/CA2015/000099)
[87] (WO2015/123757)
[30] US (61/941,689) 2014-02-19
[30] CA (2843392) 2014-02-20

[21] **2,939,277**
[13] A1

[51] **Int.Cl. A61F 13/02 (2006.01) A61K 9/70 (2006.01) A61L 15/58 (2006.01)**

[25] EN

[54] **WOUND MANAGEMENT SYSTEM AND METHODS OF USING**

[54] **SYSTEME DE TRAITEMENT DES PLAIES ET METHODES D'UTILISATION ASSOCIEES**

[72] DONAVAN, BRIDGET, US
[72] CHAKRAVARTHY, DEBASHISH, US
[72] MILLER, MARIA, US
[72] DUNCAN, ANGIE, US
[71] MEDLINE INDUSTRIES, INC., US

[85] 2016-08-10
[86] 2015-03-20 (PCT/US2015/021782)
[87] (WO2015/143341)
[30] US (61/968,796) 2014-03-21

[21] **2,939,282**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12P 19/34 (2006.01)**

[25] EN

[54] **ISOTHERMAL AMPLIFICATION UNDER LOW SALT CONDITION**

[54] **AMPLIFICATION ISOTHERME DANS UNE CONDITION A FAIBLE TENEUR EN SEL**

[72] HELLER, RYAN CHARLES, US
[72] NELSON, JOHN RICHARD, US
[72] PATEL, PARESH LAKHUBHAI, US
[72] WAKEFIELD, ALISON MYFANWY, US
[72] CAPPER, STEPHEN JAMES, US
[71] GENERAL ELECTRIC COMPANY, US

[85] 2016-08-10
[86] 2015-03-18 (PCT/US2015/021272)
[87] (WO2015/148218)
[30] US (14/225,887) 2014-03-26

[21] **2,939,287**
[13] A1

[51] **Int.Cl. C12Q 1/00 (2006.01) C12M 1/34 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **NANOPORE-BASED SEQUENCING CHIPS USING STACKED WAFER TECHNOLOGY**

[54] **PUCES DE SEQUENCAGE A BASE DE NANOPORES UTILISANT UNE TECHNOLOGIE DE TRANCHES EMPILEES**

[72] TIAN, HUI, US
[71] GENIA TECHNOLOGIES, INC., US

[85] 2016-08-10
[86] 2015-03-11 (PCT/US2015/019973)
[87] (WO2015/148127)
[30] US (14/225,263) 2014-03-25

[21] **2,939,293**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/00 (2006.01)**

[25] EN

[54] **ANTI SIRP-ALPHA ANTIBODIES AND BI-SPECIFIC MACROPHAGE ENHANCING ANTIBODIES**

[54] **ANTICORPS ANTI-SIRP-ALPHA ET ANTICORPS BISPECIFIQUES DE STIMULATION DES MACROPHAGES**

[72] WEISKOPF, KIPP ANDREW, US
[72] RING, AARON MICHAEL, US
[72] VOLKMER, JENS-PETER, US
[72] WEISSMAN, IRVING L., US
[72] RING, NAN GUO, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANDFORD JUNIOR UNIVERSITY, US

[85] 2016-08-10
[86] 2015-03-11 (PCT/US2015/019954)
[87] (WO2015/138600)
[30] US (61/951,226) 2014-03-11

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[21] **2,939,298**
[13] A1

[51] **Int.Cl. B60H 1/00 (2006.01)**
[25] EN
[54] **HEATING AND COOLING SYSTEMS AND METHODS FOR TRUCK CABS**
[54] **SYSTEME ET PROCEDE DE CHAUFFAGE ET DE REFROIDISSEMENT POUR CABINES DE CAMION**
[72] ANDREWS, MICHAEL, CA
[72] ERVONDY, DODDY, CA
[71] TIGER TOOL INTERNATIONAL INCORPORATED, CA
[85] 2016-08-10
[86] 2015-03-09 (PCT/US2015/019523)
[87] (WO2015/138352)
[30] US (61/950,719) 2014-03-10

[21] **2,939,299**
[13] A1

[51] **Int.Cl. H02J 3/14 (2006.01) H02H 3/04 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **LOAD PANEL SYSTEM**
[54] **SYSTEME DE TABLEAU ELECTRIQUE**
[72] LAL, DHANANJAY, US
[72] FOERSTER, ANDREW JAY, US
[72] ROHN, DAVID R., US
[72] GONZALEZ, SANDY OMAR JIMENEZ, US
[72] HERRERA, RUBEN G., DO
[72] OKERMAN, JASON K., US
[71] EATON CORPORATION, US
[85] 2016-08-10
[86] 2015-03-09 (PCT/US2015/019360)
[87] (WO2015/160446)
[30] US (14/251,771) 2014-04-14

[21] **2,939,301**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **LOCATION-BASED DIRECTED PRODUCT AND SERVICE SUGGESTIONS**
[54] **SUGGESTIONS DE PRODUIT ET DE SERVICE DIRIGÉES BASÉES SUR UN EMPLACEMENT**
[72] NEWBERG, IAN, US
[72] NOYES, THOMAS, US
[72] FAHIM, MOHSEN, US
[71] CUBIC CORPORATION, US
[85] 2016-08-10
[86] 2015-03-06 (PCT/US2015/019276)
[87] (WO2015/134921)
[30] US (61/949,141) 2014-03-06
[30] US (14/640,971) 2015-03-06

[21] **2,939,302**
[13] A1

[51] **Int.Cl. A01H 5/00 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **INFUSION SYSTEM AND METHOD WHICH UTILIZES DUAL WAVELENGTH OPTICAL AIR-IN-LINE DETECTION**
[54] **SYSTEME DE PERFUSION ET PROCEDE QUI UTILISE LA DETECTION OPTIQUE DE BULLES D'AIR A DOUBLE LONGUEUR D'ONDE**
[72] SHUBINSKY, GARY DAVID, US
[72] BAN, TAMAS, US
[72] MARKEY, BRIAN G., US
[71] HOSPIRA, INC., US
[85] 2016-08-10
[86] 2015-02-27 (PCT/US2015/018113)
[87] (WO2015/131108)
[30] US (61/946,031) 2014-02-28
[30] US (14/633,614) 2015-02-27

[21] **2,939,305**
[13] A1

[51] **Int.Cl. A61K 35/17 (2015.01) A61K 35/15 (2015.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ADOPTIVE CELLULAR THERAPY USING AN AGONIST OF RETINOIC ACID RECEPTOR-RELATED ORPHAN RECEPTOR GAMMA & RELATED THERAPEUTIC METHODS**
[54] **THERAPIE CELLULAIRE ADOPTIVE UTILISANT UN AGONISTE DU RECEPTEUR GAMMA ORPHELIN ASSOCIE AU RECEPTEUR DE L'ACIDE RETINOIQUE ET METHODES THERAPEUTIQUES ASSOCIEES**
[72] GLICK, GARY D., US
[72] TOOGOOD, PETER L., US
[72] HU, XIAO, US
[72] AICHER, THOMAS DANIEL, US
[72] CELESTE, LAURA LEE, US
[72] LIU, XIKUI, US
[72] TAYLOR, CLARKE B., US
[72] VAN HUIS, CHAD A., US
[71] LYCERA CORPORATION, US
[85] 2016-08-10
[86] 2015-02-27 (PCT/US2015/017977)
[87] (WO2015/131035)
[30] US (61/945,431) 2014-02-27

[21] **2,939,306**
[13] A1

[51] **Int.Cl. C07C 51/265 (2006.01) C07C 51/16 (2006.01) C07C 63/26 (2006.01)**
[25] EN
[54] **PROCESS FOR OXIDATION OF ALKYL AROMATIC COMPOUND TO AROMATIC CARBOXYLIC ACID**
[54] **PROCEDE D'OXYDATION D'UN COMPOSE D'ALKYLE AROMATIQUE EN ACIDE CARBOXYLIQUE AROMATIQUE**
[72] SHANKARANARAYANAN, VIVEK, IN
[72] JAIN, SURESH SHANTILAL, IN
[72] ADURI, PAVANKUMAR, IN
[72] TERDALKAR, RAJESH RATNAKAR, IN
[72] PATIL, NITIN HARIBHAU, IN
[72] UPPARA, PARASUVEERA, IN
[71] RELIANCE INDUSTRIES LIMITED, IN
[85] 2016-08-10
[86] 2015-02-19 (PCT/IB2015/051256)
[87] (WO2015/125095)
[30] IN (597/MUM/2014) 2014-02-20

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[21] **2,939,307**
[13] A1

[51] **Int.Cl. C07C 51/47 (2006.01)**
[25] EN
[54] **A CATALYST RECOVERY AND RECYCLING PROCESS DURING AROMATIC CARBOXYLIC ACID PRODUCTION**
[54] **PROCEDE DE RECUPERATION ET DE RECYCLAGE DE CATALYSEUR PENDANT LA PRODUCTION D'ACIDES CARBOXYLIQUES AROMATIQUES**
[72] JAIN, SURESH SHANTILAL, IN
[72] ADURI, PAVANKUMAR, IN
[72] SHANKARANARAYANAN, VIVEK, IN
[72] UPPARA, PARASUVEERA, IN
[71] RELIANCE INDUSTRIES LIMITED, IN
[85] 2016-08-10
[86] 2015-02-19 (PCT/IB2015/051258)
[87] (WO2015/125096)
[30] IN (598/MUM/2014) 2014-02-20

[21] **2,939,310**
[13] A1

[51] **Int.Cl. A61M 15/00 (2006.01)**
[25] EN
[54] **INHALER**
[54] **INHALATEUR**
[72] BHIDE, VISHWAJIT, IN
[72] AMPERAYANI PATTABHI, RAGHURAM, US
[72] PIMPLE, ROHINI, IN
[72] CHOUBEY, BISHU, IN
[71] LUPIN LIMITED, IN
[85] 2016-08-10
[86] 2015-02-23 (PCT/IB2015/051350)
[87] (WO2015/128789)
[30] IN (663/MUM/2014) 2014-02-25

[21] **2,939,311**
[13] A1

[51] **Int.Cl. G11B 20/10 (2006.01) G10L 13/08 (2013.01)**
[25] EN
[54] **REAL TIME POPULARITY BASED AUDIBLE CONTENT ACQUISITION**
[54] **ACQUISITION DE CONTENU AUDIBLE BASEE SUR LA POPULARITE EN TEMPS REEL**
[72] PANGULURI, VENKATARAMA ANILKUMAR, US
[72] YARRAM, VENKATA SUNIL KUMAR, US
[72] KUMAR, LALIT, US
[72] DEFOUW, GREGORY P., US
[71] TRIBUNE DIGITAL VENTURES, LLC, US
[85] 2016-08-10
[86] 2014-12-23 (PCT/US2014/072111)
[87] (WO2015/134094)
[30] US (14/196,908) 2014-03-04

[21] **2,939,312**
[13] A1

[51] **Int.Cl. H04Q 9/00 (2006.01) H04W 4/04 (2009.01) G08C 15/00 (2006.01) G08C 15/06 (2006.01) H04M 11/00 (2006.01)**
[25] EN
[54] **METERING DEVICE AND COMMUNICATION CONTROL METHOD**
[54] **DISPOSITIF COMPTEUR ET PROCEDE DE COMMANDE DE COMMUNICATION**
[72] SAIKUSA, NAOKI, JP
[71] NEC CORPORATION, JP
[85] 2016-08-10
[86] 2015-03-05 (PCT/JP2015/001171)
[87] (WO2015/136893)
[30] JP (2014-047519) 2014-03-11

[21] **2,939,314**
[13] A1

[51] **Int.Cl. B01J 47/12 (2006.01) C02F 1/48 (2006.01) C02F 5/00 (2006.01) C02F 5/08 (2006.01)**
[25] EN
[54] **ION EXCHANGE MEMBRANE, ION EXCHANGE MEMBRANE LAMINATED BODY PROVIDED WITH ION EXCHANGE MEMBRANE, ELECTROCHEMICAL CELL PROVIDED WITH ION EXCHANGE MEMBRANE AND WATER TREATMENT APPARATUS PROVIDED WITH ELECTROCHEMICAL CELL**
[54] **MEMBRANE D'ECHANGE D'IONS, CORPS STRATIFIE DE MEMBRANE D'ECHANGE D'IONS POURVU D'UNE MEMBRANE D'ECHANGE D'IONS, CELLULE ELECTROCHIMIQUE POURVUE D'UN CORPS STRATIFIE DE MEMBRANE D'ECHANGE D'IONS ET APPAREIL DE TRAITEMENT DE L'EAU POURVU DE LA CELLULE ELECTROCHIMIQUE**
[72] SASABE, SHIGERU, JP
[72] NAKATA, YUJI, JP
[72] SUZUKI, DAISUKE, JP
[72] TANI, TOMOKO, JP
[72] OOE, YOSHINAO, JP
[72] UNO, KATSUHIKO, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
[85] 2016-08-10
[86] 2015-03-11 (PCT/JP2015/001333)
[87] (WO2015/162844)
[30] JP (2014-089861) 2014-04-24
[30] JP (2014-107217) 2014-05-23
[30] JP (2014-201586) 2014-09-30

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[21] **2,939,315**
[13] A1

[51] **Int.Cl. A61M 25/00 (2006.01) A61M 25/01 (2006.01) A61M 25/10 (2013.01)**

[25] EN

[54] **RETRACTION AND ASPIRATION DEVICE FOR TREATING EMBOLISM AND ASSOCIATED SYSTEMS AND METHODS**

[54] **DISPOSITIF DE RETRACTION ET D'ASPIRATION POUR TRAITER UNE EMBOLIE, ET SYSTEMES ET PROCEDES ASSOCIES**

[72] QUICK, RICHARD, US

[71] INCEPTUS MEDICAL, LLC, US

[85] 2016-08-11

[86] 2015-06-09 (PCT/US2015/034987)

[87] (WO2015/191646)

[30] US (62/009,805) 2014-06-09

[21] **2,939,316**
[13] A1

[51] **Int.Cl. C25D 5/54 (2006.01) C25D 5/56 (2006.01) C25D 17/08 (2006.01)**

[25] EN

[54] **TREATMENT FOR ELECTROPLATING RACKS TO AVOID RACK METALLIZATION**

[54] **TRAITEMENT DE CREMAILLERES D'ELECTRODEPOSITION POUR EVITER LA METALLISATION DE CREMAILLERE**

[72] HERDMAN, RODERICK D., GB

[72] CHAPANERI, ROSHAN V., GB

[72] HYSLOP, ALISON, GB

[71] MACDERMID ACUMEN, INC., US

[85] 2016-08-10

[86] 2015-01-16 (PCT/US2015/011704)

[87] (WO2015/126544)

[30] US (14/184,011) 2014-02-19

[21] **2,939,317**
[13] A1

[51] **Int.Cl. E21B 17/042 (2006.01) F16L 15/00 (2006.01)**

[25] EN

[54] **PIPE COUPLING WITH LOAD DEFLECTING REGION**

[54] **RACCORD DE CONDUITE A REGION DE DEVIATION DE CHARGE**

[72] CLAERHOUT, MIKE, CA

[72] KLIMACK, BRIAN K., CA

[72] VENNING, LAURIE, CA

[72] FERMANIUK, BRENT D., CA

[71] RGL RESERVOIR MANAGEMENT INC., CA

[85] 2016-08-10

[86] 2015-02-12 (PCT/CA2015/050104)

[87] (WO2015/120553)

[30] US (61/938,722) 2014-02-12

[21] **2,939,318**
[13] A1

[51] **Int.Cl. C23C 14/06 (2006.01) B23B 27/14 (2006.01) B32B 15/01 (2006.01)**

[25] EN

[54] **HARD COATING FILM AND METHOD OF FORMING SAME**

[54] **FILM DE REVETEMENT DUR ET PROCEDE DE FORMATION DE CE DERNIER**

[72] NII, HIROAKI, JP

[72] YAMAMOTO, KENJI, JP

[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP

[85] 2016-08-10

[86] 2015-02-19 (PCT/JP2015/054694)

[87] (WO2015/125898)

[30] JP (2014-032280) 2014-02-21

[21] **2,939,319**
[13] A1

[51] **Int.Cl. C02F 11/14 (2006.01) C02F 1/56 (2006.01)**

[25] EN

[54] **PROCESS FOR DEWATERING MINERAL TAILINGS BY THE TREATMENT OF THESE TAILINGS WITH AT LEAST TWO DIFFERENT POLYMERS OF DIFFERENT INTRINSIC VISCOSITIES**

[54] **PROCEDE DE DESHYDRATATION DE RESIDUS MINERAUX PAR TRAITEMENT DESDITS RESIDUS AVEC AU MOINS DEUX POLYMERES DIFFERENTS DE VISCOSITES INTRINSEQUES DIFFERENTES**

[72] ADKINS, STEPHEN, GB

[71] BASF SE, DE

[85] 2016-08-10

[86] 2015-05-12 (PCT/IB2015/053481)

[87] (WO2015/173728)

[30] EP (14167877.1) 2014-05-12

[21] **2,939,320**
[13] A1

[51] **Int.Cl. F16K 17/04 (2006.01) F16K 37/00 (2006.01)**

[25] EN

[54] **RELIEF VALVE WITH POSITION INDICATION**

[54] **SOUPAPE DE DECHARGE AVEC INDICATION DE POSITION**

[72] ALMAZAN, RAUL H., US

[72] ZAHR, MICHAEL RICHARD ADIB, US

[72] CARUTHERS, JACK, US

[72] LOGA, THOMAS HENRY, US

[72] SEILER, DAVID J., US

[72] CROUCH, JUSTIN BLAKE, US

[71] DANIEL MEASUREMENT AND CONTROL, INC., US

[85] 2016-08-10

[86] 2015-01-28 (PCT/US2015/013255)

[87] (WO2015/116659)

[30] US (61/934,913) 2014-02-03

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[21] **2,939,321**
[13] A1

[51] **Int.Cl. B01D 21/01 (2006.01) C02F 11/14 (2006.01)**

[25] EN

[54] **PROCESS FOR DEWATERING MINERAL TAILINGS BY THE TREATMENT OF THESE TAILINGS WITH AT LEAST ONE SURFACTANT AND AT LEAST ONE POLYMER**

[54] **PROCEDE DE DESHYDRATATION DE RESIDUS MINERAUX PAR TRAITEMENT DE CES RESIDUS AVEC AU MOINS UN TENSIOACTIF ET AU MOINS UN POLYMER**

[72] ADKINS, STEPHEN, GB

[71] BASF SE, DE

[85] 2016-08-10

[86] 2015-05-13 (PCT/IB2015/053514)

[87] (WO2015/173741)

[30] EP (14168606.3) 2014-05-16

[21] **2,939,322**
[13] A1

[51] **Int.Cl. B63H 21/21 (2006.01) B63H 20/12 (2006.01) B63H 25/02 (2006.01) B63H 25/42 (2006.01)**

[25] EN

[54] **MARINE VESSEL CONTROL SYSTEM FOR CONTROLLING MOVEMENT OF A MARINE VESSEL HAVING FOUR PROPULSION UNITS**

[54] **SYSTEME DE COMMANDE DE VAISSEAU MARIN POUR COMMANDER UN MOUVEMENT D'UN VAISSEAU MARIN AYANT QUATRE UNITES DE PROPULSION**

[72] CHAN, ANSON CHIN PANG, CA

[72] DUDDRIDGE, GEOFFREY, CA

[71] MARINE CANADA ACQUISITION INC., CA

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[87] (WO2015/120555)

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[54] **EXTRACTS OF AGRICULTURAL HUSKS USED TO MODIFY THE METABOLISM OF PLANTS**

[54] **EXTRAITS DE CASCARILLES AGRICOLES EFFICACES POUR MODIFIER LE METABOLISME DE PLANTES**

[72] MEDINA ESQUER, LUIS ROMAN, MX

[71] MEDINA ESQUER, LUIS ROMAN, MX

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[54] **MOBILE DEVICES, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PRIORITIZING DATA SETS**

[54] **DISPOSITIFS MOBILES, PROCEDES ET PRODUITS DE PROGRAMME INFORMATIQUE POUR CLASSER PAR ORDRE DE PRIORITE DES ENSEMBLES DE DONNEES**

[72] JOHNSON, KAI P., US

[72] WATKINS, RYAN L., US

[71] GOOGLE INC., US

[85] 2016-08-10

[86] 2015-02-05 (PCT/US2015/014557)

[87] (WO2015/120116)

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[30] US (61/938,898) 2014-02-12

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[54] **CONDENSED 5-OXAZOLIDINONE DERIVATIVE**

[54] **DERIVE CONDENSEE DE 5-OXAZOLIDINONE**

[72] IKUMA, YOHEI, JP

[72] IWATA, MASATO, JP

[72] LEE, CHONGKWANG, JP

[71] SUMITOMO DAINIPPON PHARMA CO., LTD., JP

[85] 2016-08-10

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[54] **HYDROSEEDING SUBSTRATE AND METHODS OF USE**

[54] **SUBSTRAT D'ENSEMENCEMENT HYDRAULIQUE ET PROCEDES D'UTILISATION**

[72] DONZE, JOSEPH, US

[72] LANZ, JOEL E., US

[71] LSC ENVIRONMENTAL PRODUCTS, LLC, US

[85] 2016-08-10

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[54] **CO2 RECOVERY UNIT AND CO2 RECOVERY METHOD**
[54] **MODULE DE RECUPERATION DE CO2 ET METHODE DE RECUPERATION DE CO2**
[72] YUKUMOTO, ATSUHIRO, JP
[72] HIRATA, TAKUYA, JP
[72] TANAKA, HIROSHI, JP
[72] HAGIMOTO, AKIYORI, JP
[72] HIRAYAMA, HARUAKI, JP
[72] OISHI, TSUYOSHI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **NETTING MATERIALS**
[54] **MATERIAUX DE FILET**
[72] TOYE, JONATHAN DALLAS, NZ
[71] NINE IP LIMITED, NZ
[85] 2016-08-10
[86] 2015-02-11 (PCT/NZ2015/050012)
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[54] **PHARMACEUTICAL COMPOUNDS**
[54] **COMPOSES PHARMACEUTIQUES**
[72] BOYLE, ROBERT GEORGE, GB
[72] WALKER, DAVID WINTER, GB
[72] BOYCE, RICHARD JUSTIN, GB
[72] PETERSON, SCOTT, US
[72] FAROUZ, FRANCINE, US
[72] VO, CONG HUNG, US
[71] CASCADIAN THERAPEUTICS, INC., US
[85] 2016-08-10
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[30] US (62/083,687) 2014-11-24

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[54] **A WAVE ENERGY CONVERSION ARRANGEMENT**
[54] **AGENCEMENT DE CONVERSION D'ENERGIE HOULOMOTRICE**
[72] STAMIRSKI, MACIEJ, PL
[71] STAMIRSKI, MACIEJ, PL
[85] 2016-08-10
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[25] EN
[54] **GRAIN-ORIENTED ELECTRICAL STEEL SHEET FOR LOW-NOISE TRANSFORMER, AND METHOD FOR MANUFACTURING SAID SHEET**
[54] **TOLE EN ACIER ELECTRIQUE ORIENTEE SELON LE GRAIN DESTINEE A UN TRANSFORMATEUR A FAIBLE BRUIT ET METHODE DE FABRICATION DE LADITE TOLE**
[72] TODA, HIROAKI, JP
[72] TAKAJO, SHIGEHIRO, JP
[72] KOMATSUBARA, MICHIO, JP
[71] JFE STEEL CORPORATION, JP
[85] 2016-08-10
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[30] JP (2014-039169) 2014-02-28

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[54] **ANODE STRUCTURE FOR METAL ELECTROWINNING CELLS**
[54] **STRUCTURE D'ANODE POUR CELLULES D'EXTRACTION ELECTROLYTIQUE DE METAUX**
[72] PRADO PUEO, FELIX, ES
[71] INDUSTRIE DE NORA S.P.A., IT
[85] 2016-08-10
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[87] (WO2015/079072)
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[54] **SYSTEMS AND METHODS FOR TISSUE HEALING**
[54] **SYSTEMES ET PROCEDES DE CICATRISATION TISSULAIRE**
[72] SEXTON, JAY, US
[71] ATOMIC MEDICAL INNOVATIONS, INC., US
[85] 2016-08-10
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[54] **DES PROCEDES POUR PREPARER ET UTILISER LEDIT ADDITIF SONT EN OUTRE DECRITS.**

[72] WANG, JIA-LUN, US

[72] BHATIA, MOHIT B., US

[72] HARIRI, ROBERT J., US

[72] HOFGARTNER, WOLFGANG, US

[72] YE, QIAN, US

[71] ANTHROGENESIS CORPORATION, US

[71] WANG, JIA-LUN, US

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[54] **BEVERAGE BREWER AND RELATED METHODS FOR BREWING BEVERAGES**

[54] **INFUSEUR DE BOISSON ET PROCEDES ASSOCIES POUR INFUSER DES BOISSONS**

[72] BURROWS, BRUCE D., US

[71] REMINGTON DESIGNS, LLC, US

[85] 2016-08-10

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[54] **RAPAMYCINE DESTINEE AU TRAITEMENT DE LA LYMPHANGIOLEIOMYOMATOSIS**

[72] ARMER, THOMAS, US

[72] MELVIN, LAWRENCE S., JR., US

[72] ROTHBERG, JONATHAN M., US

[72] LICHENSTEIN, HENRI, US

[71] LAM THERAPEUTICS, INC., US

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[54] **MIR-320E AND COLORECTAL CANCER**

[54] **MIR-320E ET CANCER COLORECTAL**

[72] GOEL, AJAY, US

[72] PEREZ-CARBONELL, LUCIA, US

[72] BOLAND, C. RICHARD, US

[71] BAYLOR RESEARCH INSTITUTE, US

[85] 2016-08-10

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[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/46 (2006.01)**

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[54] **SELF-INJECTION TOOL WITH MOVABLE NEEDLE SHROUD**

[54] **OUTIL D'AUTO-INJECTION AYANT UNE GAINÉ D'AIGUILLE MOBILE**

[72] YOSHIDA, JUNICHI, JP

[72] NAKAMURA, KEI, JP

[71] ABBVIE INC., US

[85] 2016-08-10

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[13] A1

[51] **Int.Cl. G06T 7/00 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR PROVIDING RECOMMENDATION FOR OPTIMAL EXECUTION OF SURGICAL PROCEDURES**

[54] **PROCEDE ET SYSTEME POUR FOURNIR DES RECOMMANDATIONS POUR L'EXECUTION OPTIMALE D'OPERATIONS CHIRURGICALES**

[72] SHADEMAN, AZAD, US

[72] KRIEGER, AXEL, US

[72] CHA, JAEPYEONG, US

[72] KIM, PETER, US

[72] KANG, JIN U., US

[71] CHILDREN'S NATIONAL MEDICAL CENTER, US

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[54] **A TAMPER-EVIDENT CLOSURE**
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[72] ROGNARD, JEAN-YVES, FR
[72] HINDLE, DEREK JOHN, FR
[72] BARDET, PHILIPPE, FR
[71] OBRIST CLOSURES SWITZERLAND GMBH, CH
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[54] **CROSS-FLOW ELECTROCHEMICAL SEPARATION DEVICES AND METHODS OF ASSEMBLING SAME**
[54] **DISPOSITIFS DE SEPARATION ELECTROCHIMIQUE A FLUX TRANSVERSAL ET LEURS PROCEDES D'ASSEMBLAGE**
[72] LIANG, LI-SHIANG, US
[72] YEO, KENG HOO, SG
[72] LEOW HWEE TENG, VIVIAN, SG
[72] TAN, CHIN HIANG, SG
[72] GIFFORD, JOSEPH D., US
[71] EVOQUA WATER TECHNOLOGIES LLC, US
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[51] **Int.Cl. F16L 21/06 (2006.01) F16L 37/00 (2006.01)**
[25] EN
[54] **CLAM SHELL PUSH-TO-CONNECT ASSEMBLY**
[54] **ENSEMBLE A CONNEXION PAR POUSSEE DE TYPE COQUE A GRAPPINS**
[72] BOBO, DAVID, US
[72] OLDSSEN, DEREK, US
[72] LAFORTUNE, JAMES, US
[71] NIBCO INC., US
[85] 2016-08-10
[86] 2015-02-23 (PCT/US2015/017062)
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[30] US (61/944,792) 2014-02-26
[30] US (14/614,896) 2015-02-05

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[54] **MOUNT FOR HIGH VIBRATION ENVIRONMENT**
[54] **MONTURE POUR ENVIRONNEMENT A VIBRATIONS ELEVEES**
[72] AHLERS, SHAWN GREGORY, US
[72] RIVERA, ESTHER MILAGROS DIAZ, US
[72] WILLOUGHBY, CHRISTOPHER HAMILTON, US
[71] VEGA AMERICAS, INC., US
[85] 2016-08-10
[86] 2015-02-23 (PCT/US2015/017081)
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[13] A1

[51] **Int.Cl. B65B 31/02 (2006.01) B65B 7/16 (2006.01)**
[25] EN
[54] **APPARATUS AND PROCESS FOR PACKAGING A PRODUCT**
[54] **APPAREIL ET PROCEDE DE CONDITIONNEMENT D'UN PRODUIT**
[72] CAPITANI, STEFANO, IT
[71] CRYOVAC, INC., US
[85] 2016-08-10
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[87] (WO2015/121266)
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[54] **PATIENT MONITORING SYSTEM WITH GATEKEEPER SIGNAL**
[54] **SYSTEME DE SURVEILLANCE D'UN PATIENT AVEC SIGNAL GARDIEN**
[72] HUGHES, TIMOTHY JOHN, US
[72] DERDERIAN, LINA, US
[71] ICU MEDICAL, INC., US
[85] 2016-08-10
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[51] **Int.Cl. G06Q 50/10 (2012.01) G06F 9/44 (2006.01)**
[25] EN
[54] **DATA PROCESSING INSIDE GAMING DEVICE**
[54] **TRAITEMENT DE DONNEES INTERNE A UN DISPOSITIF DE JEU**
[72] KING, KEVIN, US
[72] TYSON, MATTHEW ANTHONY, US
[72] DAVISSON, MARK JOSEPH, US
[71] RUSSELL BRANDS, LLC, US
[85] 2016-08-10
[86] 2015-02-25 (PCT/US2015/017456)
[87] (WO2015/130748)
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[25] EN

[54] **AROMATIC HETEROCYCLIC COMPOUNDS AS ANTIINFLAMMATORY COMPOUNDS**

[54] **COMPOSES HETEROCYCLIQUES AROMATIQUES UTILISES EN TANT QUE COMPOSES ANTI-INFLAMMATOIRES**

[72] LONGSHAW, ALISTAIR IAN, GB

[72] FORDYCE, EUAN ALEXANDER FRASER, GB

[72] ONIONS, STUART THOMAS, GB

[72] KING-UNDERWOOD, JOHN, GB

[72] VENABLE, JENNIFER DIANE, US

[71] TOPIVERT PHARMA LIMITED, GB

[71] RESPIVERT LIMITED, GB

[85] 2016-08-10

[86] 2015-02-13 (PCT/EP2015/053151)

[87] (WO2015/121444)

[30] US (61/940,282) 2014-02-14

[30] US (61/941,064) 2014-02-18

[21] **2,939,356**
[13] A1

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[25] EN

[54] **SPORTING DEVICE AND WEARABLE COMPUTER INTERACTION**

[54] **DISPOSITIF DE SPORT ET INTERACTION AVEC UN ORDINATEUR POUVANT ETRE PORTE**

[72] DAVISSON, MARK JOSEPH, US

[72] CROWLEY, MICHAEL J., US

[72] KING, KEVIN, US

[72] TYSON, MATTHEW ANTHONY, US

[71] RUSSELL BRANDS, LLC, US

[85] 2016-08-10

[86] 2015-02-25 (PCT/US2015/017505)

[87] (WO2015/130773)

[30] US (61/946,497) 2014-02-28

[21] **2,939,357**
[13] A1

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[72] MULLEN, BRIAN D., US

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[71] ARRIS ENTERPRISES LLC, US

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[30] US (61/944,695) 2014-02-26

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[13] A1

[51] **Int.Cl. A61C 5/04 (2006.01) A61C 13/00 (2006.01) A61C 13/20 (2006.01)**

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[54] **MOLDED DENTAL ROOT CANAL FILLING POINTS/CONES AND PROCESS OF MAKING SAME**

[54] **CONES/POINTES D'OBTURATION DE CANAL RADICULAIRE MOULE(E)S ET PROCEDE DE FABRICATION ASSOCIE**

[72] LI, NATHAN Y., US

[72] WU, DAQING, US

[71] LI, NATHAN Y., US

[85] 2016-08-10

[86] 2014-02-14 (PCT/US2014/016631)

[87] (WO2014/127310)

[30] US (61/764,927) 2013-02-14

[30] US (61/764,935) 2013-02-14

[21] **2,939,359**
[13] A1

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[25] EN

[54] **MULTI-TAPER DENTAL ROOT CANAL FILLING POINTS/CONES AND PROCESS OF MAKING SAME**

[54] **CONES D'OBTURATION CANALAIRE A PLUSIEURS CONICITES, ET PROCEDE DE FABRICATION CORRESPONDANT**

[72] LI, NATHAN Y., US

[72] WU, DAQING, US

[71] LI, NATHAN Y., US

[85] 2016-08-10

[86] 2014-02-21 (PCT/US2014/017852)

[87] (WO2014/130903)

[30] US (61/767,254) 2013-02-21

[30] US (61/940,367) 2014-02-14

[21] **2,939,360**
[13] A1

[51] **Int.Cl. A43B 13/41 (2006.01) A43B 7/14 (2006.01) A43B 13/38 (2006.01) A43B 17/00 (2006.01)**

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[54] **IMPROVED SHOE**

[54] **CHAUSSURE AMELIOREE**

[72] CUINI, ENRICO, IT

[71] ENRICO CUINI SIGNED S.R.L., SM

[85] 2016-08-10

[86] 2015-02-16 (PCT/EP2015/053200)

[87] (WO2015/124523)

[30] IT (MC2014A000016) 2014-02-18

[21] **2,939,361**
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[51] **Int.Cl. E21B 47/09 (2012.01) E21B 47/113 (2012.01)**

[25] EN

[54] **OPTICAL ELECTRIC FIELD SENSORS HAVING PASSIVATED ELECTRODES**

[54] **CAPTEURS OPTIQUES DE CHAMP ELECTRIQUE DOTES D'ELECTRODES PASSIVEES**

[72] WILSON, GLENN A., US

[72] DONDERICI, BURKAY, US

[72] SAMSON, ETIENNE M., US

[72] MANDVIWALA, TASNEEM A., US

[72] FOUDA, AHMED, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-08-10

[86] 2014-02-28 (PCT/US2014/019228)

[87] (WO2015/130298)

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[54] SPATIAL SAMPLING IMPROVEMENTS AND THE FORMATION OF ARRAYS USING POPCORN AND SIMULTANEOUS SOURCE ACQUISITION	[54] SYSTEMS AND METHODS FOR ENHANCING AUDIENCE MEASUREMENT DATA	[54] IN VITRO DIAGNOSTIC AND PROGNOSIS OF CONTRAST INDUCED NEPHROPATHY (CIN) IN PATIENTS UNDERGOING CORONARY ANGIOGRAPHY
[54] AMELIORATIONS D'ECHANTILLONNAGE SPATIAL ET FORMATION DE GROUPEMENTS UTILISANT UN TIR POPCORN ET UNE ACQUISITION DE SOURCES SIMULTANEEES	[54] SYSTEMES ET PROCEDES POUR RENFORCER DES DONNEES DE MESURE D'AUDIENCE	[54] PRONOSTIC ET DIAGNOSTIC IN VITRO D'UNE NEPHROPATHIE INDUITE PAR LES PRODUITS DE CONTRASTE (CIN) CHEZ DES PATIENTS SUBISSANT UNE ANGIOGRAPHIE CORONAIRE
[72] ABMA, RAYMOND LEE, US	[72] BARNEY, DAVID, US	[72] HOCHER, BERTHOLD, DE
[72] ROSS, ALLAN, US	[72] CAI, CHAO, US	[72] ARMBRUSTER, FRANZ PAUL, DE
[71] BP CORPORATION NORTH AMERICA, INC., US	[72] WRIGHT, TIMOTHY, US	[71] IMMUNDIAGNOSTIK AG, DE
[85] 2016-08-11	[72] KEE, WILLIAM PATRICK, US	[85] 2016-08-10
[86] 2015-03-13 (PCT/US2015/020477)	[71] GOOGLE INC., US	[86] 2015-02-20 (PCT/EP2015/053563)
[87] (WO2015/138923)	[85] 2016-08-10	[87] (WO2015/124707)
[30] US (61/953,138) 2014-03-14	[86] 2014-04-10 (PCT/US2014/033648)	[30] DE (102014102224.6) 2014-02-20
	[87] (WO2015/126437)	[30] EP (14156042.5) 2014-02-20
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	[51] Int.Cl. B63B 59/08 (2006.01)	
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	[54] A MARINE CLEANING SYSTEM	[51] Int.Cl. C10G 65/10 (2006.01) C10G 69/00 (2006.01)
	[54] SYSTEME DE NETTOYAGE MARIN	[25] EN
	[72] DYHRBERG, ROGER WAYNE RICHARD, AU	[54] METHOD FOR MAKING MIDDLE DISTILLATES AND A HEAVY VACUUM GAS OIL FCC FEEDSTOCK
	[71] GRD FRANMARINE HOLDINGS PTY LTD, AU	[54] PROCEDE DE PRODUCTION DE DISTILLATS MOYENS ET CHARGE DE FCC DE GAS-OIL LOURD SOUS VIDE
	[85] 2016-08-11	[72] BHATTACHARYA, SUBHASIS, US
	[86] 2013-09-04 (PCT/AU2013/001007)	[72] MUKHERJEE, UJJAL K., US
	[87] (WO2015/031933)	[72] GREENE, MARVIN I., US
		[71] CHEVRON U.S.A. INC., US
		[85] 2016-08-10
		[86] 2014-11-14 (PCT/US2014/065718)
		[87] (WO2015/077152)
		[30] US (61/906,055) 2013-11-19
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[51] Int.Cl. C10L 1/14 (2006.01) C10L 1/19 (2006.01) C10L 1/222 (2006.01) C10L 1/232 (2006.01) C10L 10/18 (2006.01)		
[25] FR		
[54] COMPOSITION OF ADDITIVES AND PERFORMANCE FUEL COMPRISING SUCH A COMPOSITION		
[54] COMPOSITION D'ADDITIFS ET CARBURANT DE PERFORMANCE COMPRENANT UNE TELLE COMPOSITION		
[72] PAPIN, GERALDINE, FR		
[72] GUEIT, JULIEN, FR		
[71] TOTAL MARKETING SERVICES, FR		
[85] 2016-08-10		
[86] 2015-02-17 (PCT/EP2015/053346)		
[87] (WO2015/124584)		
[30] FR (1451437) 2014-02-24		

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[54] **ENERGY-EFFICIENT LOCATION DETERMINATION**

[54] **DETERMINATION D'EMPLACEMENT A FAIBLE CONSOMMATION ENERGIE**

[72] SCELLATO, SALVATORE, GB

[72] STUTTLE, MATTHEW NICHOLAS, GB

[72] THOTA, CHANDRASEKHAR, US

[71] GOOGLE INC., US

[85] 2016-08-10

[86] 2015-02-11 (PCT/US2015/015511)

[87] (WO2015/123363)

[30] US (14/179,209) 2014-02-12

[21] **2,939,370**
[13] A1

[51] **Int.Cl. A47K 5/12 (2006.01)**

[25] EN

[54] **DISPENSING SYSTEM WITH FLUID LEVEL SENSOR**

[54] **SYSTEME DE DISTRIBUTION A CAPTEUR DE NIVEAU DE FLUIDE**

[72] WEGELIN, JACKSON WILLIAM, US

[72] CIAVARELLA, NICK ERMANN, US

[72] PROPER, SCOTT THEODORE, US

[72] CORNEY, RICHARD E., US

[71] GOJO INDUSTRIES, INC., US

[85] 2016-08-10

[86] 2015-02-11 (PCT/US2015/015512)

[87] (WO2015/123364)

[30] US (61/938,643) 2014-02-11

[21] **2,939,371**
[13] A1

[51] **Int.Cl. G06T 7/60 (2006.01) B60L 5/00 (2006.01) B60M 1/12 (2006.01) B60M 1/13 (2006.01) H01H 9/50 (2006.01) H01H 33/26 (2006.01)**

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[54] **ARC DETECTION SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE DETECTION D'ARC**

[72] PENG, EN, AU

[72] LAU, WILLIAM HOCK OON, AU

[72] ADAMS, BRETT, AU

[71] DTI GROUP LIMITED, AU

[85] 2016-08-11

[86] 2015-08-11 (PCT/AU2015/050455)

[87] (WO2016/040998)

[30] AU (2014903671) 2014-09-15

[21] **2,939,373**
[13] A1

[51] **Int.Cl. E21B 17/00 (2006.01) B23P 6/04 (2006.01)**

[25] EN

[54] **METHODS FOR REPLACING PIN ENDS AND REPAIRING COATINGS ON COATED CONTINUOUS SUCKER RODS**

[54] **PROCEDES PERMETTANT DE REMPLACER DES EXTREMITES DE BROCHE ET DE REPARER DES REVETEMENTS SUR DES TIGES DE POMPAGE CONTINUES REVETUES**

[72] MOORE, RUSSEL, CA

[71] LIFTING SOLUTIONS INC., CA

[85] 2016-08-11

[86] 2014-02-28 (PCT/CA2014/000154)

[87] (WO2015/127526)

[21] **2,939,374**
[13] A1

[51] **Int.Cl. F21V 19/00 (2006.01) F21S 4/00 (2016.01) F21V 5/00 (2015.01) F21V 15/01 (2006.01) G08B 5/36 (2006.01)**

[25] EN

[54] **BEACON OBSTRUCTION LIGHTING SYSTEM**

[54] **SYSTEME D'ECLAIRAGE A OBSTRUCTION DE BALISE**

[72] DAUBENSPECK, LAIRD R., US

[72] BINA, DAVID, US

[71] WHITEBEAR INNOVATIONS LTD., CA

[85] 2016-08-11

[86] 2014-03-03 (PCT/CA2014/000183)

[87] (WO2015/131255)

[21] **2,939,375**
[13] A1

[51] **Int.Cl. H04N 7/15 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR CONTROLLING ROBOTIC STANDS DURING VIDEOCONFERENCE OPERATION**

[54] **SYSTEMES ET PROCEDES POUR COMMANDER DES SOCLES ROBOTIQUES DURANT UNE OPERATION DE VIDEOCONFERENCE**

[72] POLYAKOV, ILYA, US

[72] ROSENTHAL, MARCUS, US

[72] HUANG, TIM, US

[71] REVOLVE ROBOTICS, INC., US

[85] 2016-08-11

[86] 2015-01-09 (PCT/US2015/010898)

[87] (WO2015/106156)

[30] US (61/925,982) 2014-01-10

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[21] **2,939,377**
[13] A1

[51] **Int.Cl. G06Q 20/40 (2012.01) G07C 9/00 (2006.01)**

[25] EN

[54] **BIOMETRIC SOLUTION ENABLING HIGH THROUGHPUT FARE PAYMENTS AND SYSTEM ACCESS**

[54] **SOLUTION BIOMETRIQUE PERMETTANT DES PAIEMENTS DE TARIFS A HAUTE CAPACITE ET SYSTEME D'ACCES**

[72] SYED, SALMAN H., US

[72] KUTSCH, MICHAEL V., US

[72] LULIC, MARK, US

[71] MASTERCARD INTERNATIONAL INCORPORATED, US

[85] 2016-08-10

[86] 2015-02-12 (PCT/US2015/015546)

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[30] US (61/939,132) 2014-02-12

[30] US (14/619,741) 2015-02-11

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[13] A1

[51] **Int.Cl. G06F 21/57 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING TRUST LEVELS FOR COMPUTING COMPONENTS**
[54] **SYSTEMES ET PROCEDES POUR DETERMINER DES NIVEAUX DE CONFIANCE POUR DES COMPOSANTS INFORMATIQUES**
[72] EKSTEN, BRICK, CA
[72] WHITE, CRAIG, CA
[71] IMAGINE COMMUNICATIONS CORP., US
[85] 2016-08-11
[86] 2014-03-13 (PCT/CA2014/000221)
[87] (WO2014/138893)
[30] US (13/838,795) 2013-03-15

[21] **2,939,379**
[13] A1

[51] **Int.Cl. G06F 9/44 (2006.01) G06F 21/10 (2013.01) G06F 9/52 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PARTITIONING COMPUTING APPLICATIONS TO OPTIMIZE DEPLOYMENT RESOURCES**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE PARTITIONNER DES APPLICATIONS INFORMATIQUES AFIN D'OPTIMISER DES RESSOURCES DE DEPLOIEMENT**
[72] EKSTEN, BRICK, CA
[72] WHITE, CRAIG, CA
[72] SACEANU, CRISTIAN, CA
[72] BELME, FRANK, CA
[71] IMAGINE COMMUNICATIONS CORP., US
[85] 2016-08-11
[86] 2014-03-13 (PCT/CA2014/000223)
[87] (WO2014/138895)
[30] US (13/839,550) 2013-03-15

[21] **2,939,381**
[13] A1

[51] **Int.Cl. E04D 13/064 (2006.01)**
[25] EN
[54] **SELF-SUPPORTING BI-DIRECTIONAL CORRUGATED MESH LEAF PRECLUSION DEVICE**
[54] **DISPOSITIF DE PRECLUSION DE FEUILLE A MAILLAGE ONDULE BIDIRECTIONNEL AUTOPORTANT**
[72] LENNEY, ROBERT C., US
[71] GUTTERGLOVE, INC., US
[85] 2016-08-10
[86] 2015-02-12 (PCT/US2015/015618)
[87] (WO2015/123417)
[30] US (61/939,005) 2014-02-12
[30] US (14/620,729) 2015-02-12

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[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/497 (2006.01) A61K 31/5377 (2006.01) A61P 25/00 (2006.01) C07D 241/26 (2006.01) C07D 241/28 (2006.01)**
[25] EN
[54] **PYRAZINES MODULATORS OF GPR6**
[54] **MODULATEURS DE PYRAZINES DE GPR6**
[72] ADAMS, MARK E., US
[72] BROWN, JASON W., US
[72] HITCHCOCK, STEPHEN, US
[72] KIKUCHI, SHOTA, US
[72] LAM, BETTY, US
[72] MONENSCHIN, HOLGER, US
[72] REICHARD, HOLLY, US
[72] SUN, HUIKAI, US
[71] HOPKINS, MARIA, US
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2016-08-10
[86] 2015-02-13 (PCT/US2015/015841)
[87] (WO2015/123533)
[30] US (61/940,294) 2014-02-14

[21] **2,939,384**
[13] A1

[51] **Int.Cl. C09K 8/62 (2006.01) E21B 43/22 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **CARBOXYLATED CELLULOSE POLYMERS FOR USE IN HYDRAULIC FRACTURING OPERATIONS**
[54] **POLYMERES DE CELLULOSE CARBOXYLE DESTINES A ETRE UTILISES DANS DES OPERATIONS DE FRACTURATION HYDRAULIQUE**
[72] BLAUCH, MATTHEW, US
[72] ECTOR, DANIEL, US
[72] GUILLOTTE, MICHAEL, US
[72] DEMENT, JAMES, US
[71] C&J WELL SERVICES, INC., US
[85] 2016-08-10
[86] 2015-02-13 (PCT/US2015/015888)
[87] (WO2015/123563)
[30] US (61/940,113) 2014-02-14

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[13] A1

[51] **Int.Cl. G01N 21/64 (2006.01) B01L 3/00 (2006.01) G01N 21/77 (2006.01)**
[25] EN
[54] **FLUORESCENCE-DETECTED ASSAYS ON MICROFLUIDIC CHIPS**
[54] **DOSAGES DETECTES PAR FLUORESCENCE SUR DES PUCES MICROFLUIDIQUES**
[72] GERVAIS, LUC, CH
[72] ZIEGLER, JORG, CH
[72] DESCHARMES, NICOLAS, CH
[71] ONE DROP DIAGNOSTICS SARL, CH
[85] 2016-08-10
[86] 2015-03-05 (PCT/EP2015/054643)
[87] (WO2015/132347)
[30] EP (14158334.4) 2014-03-07

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[25] EN

[54] **HIGH PRESSURE REACTOR FOR THE SYNTHESIS OF MELAMINE**

[54] **REACTEUR HAUTE PRESSION POUR LA SYNTHESE DE MELAMINE**

[72] RIZZI, ENRICO, IT

[71] CASALE SA, CH

[85] 2016-08-10

[86] 2015-03-09 (PCT/EP2015/054807)

[87] (WO2015/135868)

[30] EP (14159283.2) 2014-03-12

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[13] A1

[51] **Int.Cl. A61K 6/083 (2006.01) C07C 43/20 (2006.01) C07C 69/54 (2006.01)**

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[54] **DENTAL COMPOSITION**

[54] **COMPOSITION DENTAIRE**

[72] KLEE, JOACHIM E., DE

[72] WEBER, CHRISTOPH, DE

[72] MAIER, MAXIMILIAN, DE

[72] SZILLAT, FLORIAN, DE

[72] SCHEUFLER, CHRISTIAN, DE

[72] RITTER, HELMUT, DE

[71] DENTSPLY DETREY GMBH, DE

[85] 2016-08-10

[86] 2015-03-10 (PCT/EP2015/054993)

[87] (WO2015/135957)

[30] EP (14000839.2) 2014-03-10

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[13] A1

[51] **Int.Cl. H01R 39/08 (2006.01) E21B 47/13 (2012.01) H01R 43/10 (2006.01) H01R 43/20 (2006.01)**

[25] EN

[54] **SLIP RING WITH A TENSIONED CONTACT ELEMENT**

[54] **BAGUE COLLECTRICE DOTEE D'UN ELEMENT DE CONTACT TENDU**

[72] KIRKHOPE, KENNEDY J., CA

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-08-11

[86] 2014-04-15 (PCT/CA2014/000348)

[87] (WO2015/157837)

[21] **2,939,397**
[13] A1

[51] **Int.Cl. C07D 307/36 (2006.01)**

[25] EN

[54] **PROCESS FOR THE PRODUCTION OF FURAN AND ITS DERIVATIVES**

[54] **PROCEDE POUR LA PRODUCTION DE FURANE ET DE SES DERIVES**

[72] WADMAN, SIPKE HIDDE, NL

[72] LANGE, JEAN PAUL ANDRE MARIE JOSEPH GHISLAIN, NL

[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL

[85] 2016-08-10

[86] 2015-03-26 (PCT/EP2015/056628)

[87] (WO2015/150238)

[30] EP (14162654.9) 2014-03-31

[21] **2,939,399**
[13] A1

[51] **Int.Cl. C02F 9/00 (2006.01) C01F 7/06 (2006.01) C02F 1/24 (2006.01) C02F 1/38 (2006.01) C02F 1/52 (2006.01) C02F 1/66 (2006.01) C02F 11/12 (2006.01) C02F 11/14 (2006.01)**

[25] EN

[54] **METHOD OF REMOVING SULPHATE FROM WASTE WATER**

[54] **PROCEDE D'ELIMINATION DU SULFATE A PARTIR D'EAUX USEES**

[72] MARTIKAINEN, MIKA, FI

[71] OUTOTEC (FINLAND) OY, FI

[85] 2016-08-10

[86] 2015-02-25 (PCT/FI2015/050108)

[87] (WO2015/128541)

[30] FI (20145183) 2014-02-26

[21] **2,939,400**
[13] A1

[51] **Int.Cl. G06F 9/44 (2006.01) G06F 5/10 (2006.01) G06F 9/52 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR CONTROLLING BRANCH LATENCY WITHIN COMPUTING APPLICATIONS**

[54] **SYSTEMES ET PROCEDES DE REGULATION DE LATENCE DE BRANCHEMENT DANS DES APPLICATIONS INFORMATIQUES**

[72] EKSTEN, BRICK, CA

[72] WHITE, CRAIG, CA

[72] PALMER, SCOTT, CA

[72] BELME, FRANK, CA

[72] LI, STEPHEN, CA

[72] SACEANU, CRISTIAN, CA

[71] IMAGINE COMMUNICATIONS CORP., US

[85] 2016-08-11

[86] 2014-03-13 (PCT/CA2014/000222)

[87] (WO2014/138894)

[30] US (13/839,096) 2013-03-15

[21] **2,939,401**
[13] A1

[51] **Int.Cl. A61N 1/18 (2006.01) A61N 1/04 (2006.01)**

[25] EN

[54] **HEALING DISC, A PAIN MANAGEMENT ASSEMBLY INCORPORATING THE DISC, AND A METHOD OF USING THE SAME**

[54] **DISQUE DE CICATRISATION, ENSEMBLE DE GESTION DE LA DOULEUR INCORPORANT LE DISQUE ET PROCEDE L'UTILISANT**

[72] HOLDING, GARTH HOWARD, CA

[72] DICKIE, ROBERT G., CA

[71] HOLDING, GARTH HOWARD, CA

[85] 2016-08-11

[86] 2014-10-20 (PCT/CA2014/051015)

[87] (WO2015/058296)

[30] US (14/058,405) 2013-10-21

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[13] A1

[51] **Int.Cl. H04L 12/733 (2013.01) H04L 12/751 (2013.01) H04L 12/863 (2013.01) H04L 12/951 (2013.01)**

[25] EN

[54] **METHOD TO ROUTE PACKETS IN A DISTRIBUTED DIRECT INTERCONNECT NETWORK**

[54] **PROCEDE D'ACHEMINEMENT DE PAQUETS DANS UN RESEAU DIRECT D'INTERCONNEXION DISTRIBUE**

[72] OPREA, DAN, CA
[72] CATANA, ANDREI, CA
[72] NEUSTADTER, UDO, CA
[71] ROCKPORT NETWORKS INC., CA
[85] 2016-08-11
[86] 2015-02-13 (PCT/CA2015/000081)
[87] (WO2015/120539)
[30] US (61/939,487) 2014-02-13

[21] **2,939,404**
[13] A1

[51] **Int.Cl. D02G 3/16 (2006.01)**

[25] FR

[54] **SIZED YARN INTENDED TO UNDERGO A TEXTILE OPERATION**

[54] **FIL ENSIMÉ DESTINÉ À SUBIR UNE OPÉRATION TEXTILE**

[72] HUGUET, CHRYSTEL, FR
[72] LOISON, SYLVIE, FR
[72] EVRARD, HERVE, FR
[71] HERAKLES, FR
[85] 2016-08-10
[86] 2015-02-20 (PCT/FR2015/050419)
[87] (WO2015/128569)
[30] FR (1451646) 2014-02-28

[21] **2,939,407**
[13] A1

[51] **Int.Cl. B29C 63/22 (2006.01) E21B 17/00 (2006.01) E21B 17/10 (2006.01)**

[25] EN

[54] **METHODS FOR REPAIRING AND APPLYING COATINGS ON SUCKER RODS**

[54] **PROCEDES DE REPARATION ET D'APPLICATION DE REVETEMENTS SUR DES TIGES DE POMPAGE**

[72] MOORE, RUSSEL, CA
[71] LIFTING SOLUTIONS INC., CA
[85] 2016-08-11
[86] 2015-02-27 (PCT/CA2015/000123)
[87] (WO2015/127542)
[30] CA (PCT/CA2014/000154) 2014-02-28
[30] CA (2,854,764) 2014-06-20

[21] **2,939,408**
[13] A1

[51] **Int.Cl. G01H 11/06 (2006.01) G01H 3/12 (2006.01) G01H 11/08 (2006.01) G01N 29/24 (2006.01)**

[25] EN

[54] **A SOUND SENSOR**

[54] **CAPTEUR DE SON**

[72] ROSE, DARREN, GB
[71] ROSE, DARREN, GB
[71] HURREY, ROGER, GB
[85] 2016-08-10
[86] 2014-02-14 (PCT/GB2014/000051)
[87] (WO2014/125242)
[30] GB (1302575.4) 2013-02-14

[21] **2,939,410**
[13] A1

[51] **Int.Cl. B61K 9/10 (2006.01) G01N 33/20 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR NON-DESTRUCTIVE RAIL INSPECTION**

[54] **PROCEDE ET SYSTEME POUR INSPECTION NON DESTRUCTIVE DES RAILS**

[72] PAULSON, PETER O., CA
[71] PURE TECHNOLOGIES LTD., CA
[85] 2016-08-11
[86] 2015-02-11 (PCT/CA2015/050098)
[87] (WO2015/120550)
[30] US (61/938,429) 2014-02-11

[21] **2,939,411**
[13] A1

[51] **Int.Cl. C07K 14/525 (2006.01) C07K 14/705 (2006.01)**

[25] EN

[54] **LIGAND**

[54] **LIGAND**

[72] PULE, MARTIN, GB
[72] YONG, KWEE, GB
[72] LEE, LYDIA, GB
[72] CHAPLIN, NEIL, GB
[72] DRAPER, BEN, GB
[71] UCL BUSINESS PLC, GB
[85] 2016-08-10
[86] 2015-02-26 (PCT/GB2015/050557)
[87] (WO2015/128653)
[30] GB (1403479.7) 2014-02-27
[30] GB (1403481.3) 2014-02-27
[30] GB (1409759.6) 2014-06-02
[30] GB (1409761.2) 2014-06-02

[21] **2,939,413**
[13] A1

[51] **Int.Cl. G01N 27/04 (2006.01) G01N 27/20 (2006.01) G01R 31/01 (2006.01)**

[25] EN

[54] **A METHOD FOR ANALYZING AN ANODE AND DEVICE THEREOF**

[54] **PROCEDE D'ANALYSE D'UNE ANODE ET DISPOSITIF ASSOCIE**

[72] KOCAEFE, DUYGU, CA
[72] BHATTACHARYAY, DIPANKAR, CA
[72] KOCAEFE, YASAR SULEYMAN, CA
[71] UNIVERSITE DU QUEBEC A CHICOUTIMI, CA
[85] 2016-08-11
[86] 2015-02-13 (PCT/CA2015/050106)
[87] (WO2015/120554)
[30] US (61/939,768) 2014-02-14

[21] **2,939,415**
[13] A1

[51] **Int.Cl. C08G 8/06 (2006.01) C08J 3/24 (2006.01) C08L 61/06 (2006.01)**

[25] EN

[54] **FORMALDEHYDE-FREE PHENOLIC RESINS, DOWNSTREAM PRODUCTS, THEIR SYNTHESIS AND USE**

[54] **RESINES PHENOLIQUES SANS FORMALDEHYDE, PRODUITS EN AVAL, LEUR SYNTHÈSE ET UTILISATION**

[72] XU, CHUNBAO, CA
[72] ZHANG, YONGSHENG, CA
[72] YUAN, ZHONGSHUN, CA
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA
[85] 2016-08-11
[86] 2015-02-20 (PCT/CA2015/050132)
[87] (WO2015/123781)
[30] US (61/942,222) 2014-02-20

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[21] **2,939,417**
[13] A1

[51] **Int.Cl. C01F 5/24 (2006.01) C01F 5/06 (2006.01)**

[25] EN

[54] **PROCESS FOR PRODUCING HIGH GRADE HYDROMAGNESITE AND MAGNESIUM OXIDE**

[54] **PROCEDE DE PRODUCTION D'HYDROMAGNESITE ET D'OXYDE DE MAGNESIUM DE HAUTE QUALITE**

[72] PHINNEY, ROBIN, CA
[72] PHINNEY, JONATHON, CA
[72] MA, SIU, CA
[71] KARNALYTE RESOURCES INC., CA
[85] 2016-08-11
[86] 2015-04-10 (PCT/CA2015/050298)
[87] (WO2015/154194)
[30] US (61/977,840) 2014-04-10

[21] **2,939,418**
[13] A1

[51] **Int.Cl. C01F 5/24 (2006.01) C01F 5/02 (2006.01) C01F 5/06 (2006.01)**

[25] EN

[54] **PROCESS FOR PRODUCING HIGH GRADE HYDROMAGNESITE AND MAGNESIUM OXIDE**

[54] **PROCEDE DE PRODUCTION D'HYDROMAGNESITE ET D'OXYDE DE MAGNESIUM DE QUALITE ELEVEE**

[72] PHINNEY, ROBIN, CA
[72] PHINNEY, JONATHON, CA
[72] MA, SIU, CA
[71] KARNALYTE RESOURCES INC., CA
[85] 2016-08-11
[86] 2015-04-10 (PCT/CA2015/050301)
[87] (WO2015/154196)
[30] US (61/977,807) 2014-04-10

[21] **2,939,419**
[13] A1

[51] **Int.Cl. C08G 77/02 (2006.01) A61K 33/00 (2006.01) C01B 33/20 (2006.01)**

[25] EN

[54] **MATERIALS AND METHODS RELATING TO STABILISED POLYMERIC SILICATE COMPOSITIONS**

[54] **MATERIAUX ET PROCEDES SE RAPPORTANT A DES COMPOSITIONS DE SILICATES POLYMERES STABILISES**

[72] BASTOS, CARLOS ANDRE PASSOS, GB
[72] POWELL, JONATHAN JOSEPH, GB
[72] FARIA, NUNO JORGE RODRIGUES, GB
[72] VIS, BRADLEY MICHAEL, GB
[71] MEDICAL RESEARCH COUNCIL, GB
[85] 2016-08-11
[86] 2015-02-13 (PCT/GB2015/050409)
[87] (WO2015/121666)
[30] GB (1402672.8) 2014-02-14

[21] **2,939,421**
[13] A1

[51] **Int.Cl. H04W 88/08 (2009.01) H04B 10/2575 (2013.01)**

[25] EN

[54] **FIBRE-RADIO COMMUNICATION NETWORK AND APPARATUS AND FIBRE-RADIO COMMUNICATION METHOD**

[54] **RESEAU ET APPAREIL DE COMMUNICATION RADIO-PAR FIBRE ET PROCEDE DE COMMUNICATION RADIO-PAR FIBRE**

[72] PESCOD, CHRISTOPHER RALPH, GB
[72] NAWAZ, SHAHBAZ, GB
[72] NEWMAN, MARK TREVOR, GB
[71] BAE SYSTEMS PLC, GB
[85] 2016-08-11
[86] 2015-02-17 (PCT/GB2015/050442)
[87] (WO2015/128611)
[30] GB (1403250.2) 2014-02-25
[30] EP (14275030.6) 2014-02-25

[21] **2,939,423**
[13] A1

[51] **Int.Cl. E21B 43/114 (2006.01) E21B 29/08 (2006.01)**

[25] EN

[54] **HYDRAULIC CUTTING TOOL, SYSTEM AND METHOD FOR CONTROLLED HYDRAULIC CUTTING THROUGH A PIPE WALL IN A WELL, AND ALSO USES OF THE CUTTING TOOL AND THE SYSTEM**

[54] **OUTIL DE COUPE HYDRAULIQUE, SYSTEME ET PROCEDE PERMETTANT UNE DECOUPE HYDRAULIQUE COMMANDEE A TRAVERS UNE PAROI DE TUYAU DANS UN PUIT ET EGALEMENT UTILISATIONS DE L'OUTIL DE COUPE ET DU SYSTEME**

[72] MYHRE, MORTEN, NO
[72] LARSEN, ARNE GUNNAR, NO
[72] JENSEN, ROY INGE, NO
[72] ANDERSEN, PATRICK, NO
[72] ENGELSGJERD, ERLEND, NO
[72] IUELL, MARKUS, NO
[72] DAHL, ARNT OLAV, NO
[72] HAGA, NILS RUNE, NO
[72] OSTVOLD, ARNOLD, NO
[71] WELL TECHNOLOGY AS, NO
[85] 2016-08-11
[86] 2015-02-16 (PCT/NO2015/050033)
[87] (WO2015/126258)
[30] NO (20140209) 2014-02-18

[21] **2,939,424**
[13] A1

[51] **Int.Cl. E02F 5/30 (2006.01) E02F 3/36 (2006.01) E02F 5/32 (2006.01)**

[25] EN

[54] **VIBRATION DAMPER FOR HIGH LOAD**

[54] **DISPOSITIF D'ARRET DE VIBRATIONS SOUS CHARGE ELEVEE**

[72] PARK, JEONG YEL, KR
[71] DAEDONG ENGINEERING CO., LTD., KR
[85] 2016-08-11
[86] 2014-04-24 (PCT/KR2014/003607)
[87] (WO2015/122568)
[30] KR (10-2014-0016270) 2014-02-12

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[21] **2,939,425**
[13] A1

[51] **Int.Cl. A61M 25/06 (2006.01) A61M 25/16 (2006.01)**
[25] EN
[54] **SAFE CATHETER**
[54] **CATHETER DE SECURITE**
[72] KIM, KEUN SHIK, KR
[71] MEDIFIRST CO., LTD., KR
[85] 2016-08-11
[86] 2015-02-24 (PCT/KR2015/001735)
[87] (WO2015/126218)
[30] KR (10-2014-0021618) 2014-02-24
[30] KR (10-2014-0154250) 2014-11-07

[21] **2,939,426**
[13] A1

[51] **Int.Cl. A61M 1/28 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PERFORMING PERITONEAL ULTRAFILTRATION**
[54] **PROCEDE ET APPAREIL POUR EFFECTUER UNE ULTRAFILTRATION PERITONEALE**
[72] WALLENAS, ANDERS, SE
[72] WRAMNER, LARS, SE
[72] LANDHOLM, STEFAN, SE
[71] TRIOMED AB, SE
[85] 2016-08-11
[86] 2015-02-27 (PCT/SE2015/000011)
[87] (WO2015/130205)
[30] SE (1430027-1) 2014-02-28

[21] **2,939,427**
[13] A1

[51] **Int.Cl. A61K 31/196 (2006.01) A61K 31/4178 (2006.01) A61K 31/728 (2006.01) A61P 27/10 (2006.01)**
[25] EN
[54] **PHARMACOLOGICAL OPHTHALMIC COMPOSITION FOR USE IN THE CORRECTION OF PRESBYOPIA AND ITS ADMINISTRATION**
[54] **COMPOSITION OPHTHALMIQUE PHARMACOLOGIQUE DESTINEE A ETRE UTILISEE DANS LA CORRECTION DE LA PRESBYTIE, ET SON ADMINISTRATION**
[72] FEINBAUM, CLAES G., SE
[72] PATEL, SUDHIR, GB
[72] □ALAMUN, FRANC, SI
[72] SALAMUN, FRANC, SI
[71] VID D.O.O., SI
[85] 2016-08-11
[86] 2014-02-11 (PCT/SI2014/000008)
[87] (WO2015/122853)

[21] **2,939,428**
[13] A1

[51] **Int.Cl. B65D 1/02 (2006.01)**
[25] EN
[54] **VACUUM BASE FOR CONTAINER**
[54] **BASE SOUS VIDE POUR CONTENANT**
[72] BATES, PETER A., US
[72] STEIH, RICHARD J., US
[71] AMCOR LIMITED, AU
[85] 2016-08-11
[86] 2014-02-20 (PCT/US2014/017424)
[87] (WO2015/126404)

[21] **2,939,429**
[13] A1

[51] **Int.Cl. E21B 21/06 (2006.01) E21B 21/07 (2006.01) E21B 49/08 (2006.01)**
[25] EN
[54] **SURFACE FLUID EXTRACTION AND SEPARATOR SYSTEM**
[54] **SYSTEME D'EXTRACTION DE FLUIDE EN SURFACE ET DE SEPARATION**
[72] GOSNEY, JON TROY, US
[72] ROWE, MATHEW DENNIS, US
[72] FRIPP, MICHAEL LINLEY, US
[72] GRECI, STEPHEN MICHAEL, US
[72] GANO, JOHN CHARLES, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-08-11
[86] 2014-05-09 (PCT/US2014/037541)
[87] (WO2015/171160)

[21] **2,939,431**
[13] A1

[51] **Int.Cl. H04N 19/61 (2014.01)**
[25] EN
[54] **BLOCK FLIPPING AND SKIP MODE IN INTRA BLOCK COPY PREDICTION**
[54] **MODE DE BASCULEMENT ET DE SAUT DE BLOCS DANS UNE PREDICTION INTRA DE COPIE DE BLOC**
[72] LI, BIN, CN
[72] XU, JIZHENG, CN
[72] WU, FENG, CN
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-08-11
[86] 2014-03-04 (PCT/CN2014/072824)
[87] (WO2015/131323)

[21] **2,939,432**
[13] A1

[51] **Int.Cl. B01D 63/02 (2006.01)**
[25] EN
[54] **FLUID VESSEL WITH REMOVABLE AND REVERSIBLE FILTRATION UNIT**
[54] **RECIPIENT A LIQUIDE AVEC UNITE DE FILTRATION AMOVIBLE ET REVERSIBLE**
[72] ARAH, ALIJAH CHRISTOPHER, US
[71] ARAH, ALIJAH CHRISTOPHER, US
[85] 2016-08-11
[86] 2014-06-19 (PCT/US2014/043078)
[87] (WO2015/126441)
[30] US (61/943,282) 2014-02-21

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[21] **2,939,434**
[13] A1

[51] **Int.Cl. H04N 19/61 (2014.01)**
[25] EN
[54] **ADAPTIVE SWITCHING OF COLOR SPACES, COLOR SAMPLING RATES AND/OR BIT DEPTHS**
[54] **COMMUTATION ADAPTATIVE D'ESPACES DE COULEUR, TAUX D'ECHANTILLONNAGE DE COULEUR ET/OU PROFONDEURS DE BIT**
[72] LI, BIN, CN
[72] XU, JIZHENG, CN
[72] WU, FENG, CN
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-08-11
[86] 2014-03-04 (PCT/CN2014/072847)
[87] (WO2015/131328)

[21] **2,939,435**
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 9/127 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **LIPOSOME-BASED IMMUNOTHERAPY**
[54] **IMMUNOTHERAPIE REPOSANT SUR UN LIPOSOME**
[72] MASPOCH COMAMALA, DANIEL, ES
[72] CANO SARABIA, ANTONIA MARIA, ES
[72] VIVES PI, MARTA, ES
[72] PUJOL AUTONELL, IRMA, ES
[72] VERDAGUER AUTONELL, JUAN, ES
[71] FUNDACIO INSTITUT D'INVESTIGACIO EN CIENCIES DE LA SALUT GERMANS TRIAS I PUJOL, ES
[71] FUNDACIO INSTITUT CATALA DE NANOCIENCIA I NANOTECNOLOGIA, ES
[71] INSTITUCIO CATALANA DE RECERCA I ESTUDIS AVANCATS, ES
[85] 2016-08-11
[86] 2015-01-16 (PCT/EP2015/050747)
[87] (WO2015/107140)
[30] EP (14151629.4) 2014-01-17

[21] **2,939,437**
[13] A1

[51] **Int.Cl. A61B 5/0476 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR AUTOMATICALLY EVALUATING AN ABSENCE EEG, COMPUTER PROGRAM AND EVALUATING DEVICE THEREFOR**
[54] **PROCEDE D'EVALUATION AUTOMATIQUE D'UN EEG DE DIAGNOSTIC D'ABSENCES, PROGRAMME INFORMATIQUE ET APPAREIL D'EVALUATION CORRESPONDANT**
[72] SCHULTZ, ARTHUR, DE
[71] SCHULTZ, ARTHUR, DE
[85] 2016-08-11
[86] 2015-01-27 (PCT/EP2015/051593)
[87] (WO2015/121059)
[30] DE (10 2014 101 814.1) 2014-02-13

[21] **2,939,439**
[13] A1

[51] **Int.Cl. A61F 7/12 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **FLUID CASSETTE WITH TENSIONED POLYMERIC MEMBRANES FOR PATIENT HEAT EXCHANGE SYSTEM**
[54] **CASSETTE DE FLUIDE AYANT DES MEMBRANES POLYMERES TENDUES POUR UN SYSTEME D'ECHANGE DE CHALEUR POUR PATIENT**
[72] DABROWIAK, JEREMY THOMAS, US
[72] PISTOR, CHRISTOP MATTHIAS, US
[72] PENDRY, CRAIG WENDELL, US
[72] PAMICHEV, CHRISTO, US
[71] ZOLL CIRCULATION, INC., US
[85] 2016-08-11
[86] 2014-10-03 (PCT/US2014/058996)
[87] (WO2015/122936)
[30] US (14/180,613) 2014-02-14

[21] **2,939,440**
[13] A1

[51] **Int.Cl. C07C 45/77 (2006.01) C07C 49/713 (2006.01) C07C 67/28 (2006.01) C07C 69/16 (2006.01) C07C 69/28 (2006.01)**
[25] EN
[54] **MONOESTERS, INNER COMPLEX SALTS OR MONOESTER SALTS OF HEXAHYDRO-B-ACID AND APPLICATION THEREOF AS ANIMAL FEED ADDITIVES**
[54] **MONOESTER DE HEXAHYDROCOLUPULONE, SEL COMPLEXE INTERNE OU SEL MONOESTER, ET LEUR APPLICATION COMME ADDITIF A DES ALIMENTS POUR ANIMAUX**
[72] PENG, XIANFENG, CN
[72] QIN, ZONGHUA, CN
[72] HUANG, JIJUN, CN
[71] GUANGZHOU INSIGHTER BIOTECHNOLOGY CO., LTD., CN
[85] 2016-08-11
[86] 2014-03-19 (PCT/CN2014/073654)
[87] (WO2015/123905)
[30] CN (201410056734.1) 2014-02-19

[21] **2,939,441**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61P 7/02 (2006.01)**
[25] EN
[54] **FACTOR VIII CONJUGATES**
[54] **CONJUGUES DU FACTEUR VIII**
[72] BEHRENS, CARSTEN, DK
[72] DEANGELIS, PAUL, US
[72] HALLER, FRIEDRICH MICHAEL, US
[71] NOVO NORDISK A/S, DK
[85] 2016-08-11
[86] 2015-02-12 (PCT/EP2015/053025)
[87] (WO2015/121382)
[30] EP (14154876.8) 2014-02-12

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[21] **2,939,443**
[13] A1

[51] **Int.Cl. F42B 1/02 (2006.01) E21B 43/117 (2006.01) F42B 1/028 (2006.01) F42B 39/20 (2006.01)**

[25] EN

[54] **VENTING SYSTEM FOR A SHAPED CHARGE IN THE EVENT OF DEFLAGRATION**

[54] **SYSTEME D'EVACUATION DES GAZ POUR CHARGE CREUSE EN CAS DE DEFLAGRATION**

[72] COLLINS, WILLIAM R., US

[72] PEDERSON, MARK ALLAN, US

[72] RUDNIK, IAN DOUGLAS, US

[71] HUNTING TITAN, INC., US

[85] 2016-08-11

[86] 2014-10-03 (PCT/US2014/058993)

[87] (WO2015/160378)

[30] US (14/184,001) 2014-04-15

[21] **2,939,444**
[13] A1

[51] **Int.Cl. C22B 7/00 (2006.01) C22B 3/00 (2006.01) C22B 7/02 (2006.01) C22B 19/00 (2006.01)**

[25] EN

[54] **PROCESS FOR REDUCING THE AMOUNTS OF ZINC (ZN) AND LEAD (PB) IN MATERIALS CONTAINING IRON (FE)**

[54] **PROCEDE POUR REDUIRE LES QUANTITES DE ZINC (ZN) ET DE PLOMB (PB) DANS DES MATERIAUX CONTENANT DU FER (FE)**

[72] PIEZANOWSKI, LUDIVINE, LU

[72] HUGENTOBLE, JASMIN, LU

[72] RAYNAL, SAMUEL, BE

[72] HOUBART, MICHEL, BE

[71] PAUL WURTH S.A., LU

[85] 2016-08-11

[86] 2015-02-13 (PCT/EP2015/053113)

[87] (WO2015/124507)

[30] LU (LU 92 379) 2014-02-18

[21] **2,939,446**
[13] A1

[51] **Int.Cl. A61F 7/12 (2006.01) A61M 25/01 (2006.01)**

[25] EN

[54] **FLUID CASSETTE WITH POLYMERIC MEMBRANES AND INTEGRAL INLET AND OUTLET TUBES FOR PATIENT HEAT EXCHANGE SYSTEM**

[54] **CASSETTE A FLUIDE DOTE DE MEMBRANES POLYMERES ET DE TUBES D'ENTREE ET SORTIE D'UN SEUL TENANT POUR UN SYSTEME D'ECHANGE THERMIQUE DE PATIENT**

[72] PISTOR, CHRISTOP MATTHIAS, US

[72] DABROWIAK, JEREMY THOMAS, US

[72] PENDRY, CRAIG WENDELL, US

[72] PAMICHEV, CHRISTO, US

[71] ZOLL CIRCULATION, INC., US

[85] 2016-08-11

[86] 2014-10-03 (PCT/US2014/059006)

[87] (WO2015/122937)

[30] US (14/180,655) 2014-02-14

[21] **2,939,447**
[13] A1

[51] **Int.Cl. A61F 7/12 (2006.01)**

[25] EN

[54] **PATIENT HEAT EXCHANGE SYSTEM WITH TWO AND ONLY TWO FLUID LOOPS**

[54] **SYSTEME D'ECHANGE THERMIQUE POUR PATIENT POURVU DE SEULEMENT DEUX BOUCLES DE FLUIDE**

[72] DABROWIAK, JEREMY THOMAS, US

[72] PENDRY, CRAIG WENDELL, US

[72] PISTOR, CHRISTOP MATTHIAS, US

[71] ZOLL CIRCULATION, INC., US

[85] 2016-08-11

[86] 2014-10-03 (PCT/US2014/059010)

[87] (WO2015/122938)

[30] US (14/180,719) 2014-02-14

[21] **2,939,448**
[13] A1

[51] **Int.Cl. B65G 1/04 (2006.01) F25D 13/04 (2006.01)**

[25] EN

[54] **COOLED STORAGE SYSTEM**

[54] **SYSTEME DE STOCKAGE REFROIDI**

[72] HOGNALAND, INGVAR, NO

[71] JAKOB HATTELAND LOGISTICS AS, NO

[85] 2016-08-11

[86] 2015-02-18 (PCT/EP2015/053390)

[87] (WO2015/124610)

[30] NO (20140216) 2014-02-19

[21] **2,939,449**
[13] A1

[51] **Int.Cl. G08B 21/24 (2006.01)**

[25] EN

[54] **ELECTRONICALLY MONITORED AND PORTABLE POINT-OF-CARE HAND HYGIENE DISPENSER HAVING SECURITY FEATURES**

[54] **DISTRIBUTEUR D'HYGIENE DES MAINS DE POINT DE SOINS SURVEILLE ELECTRONIQUEMENT ET PORTABLE DOTE DE FONCTIONS DE SECURITE**

[72] LIMBERT, DEAN PHILIP, GB

[72] GAYLARD, NIGEL, AU

[72] HINES, JOHN, GB

[72] LANG, CHRISTOPHER, GB

[72] BUTLER, ROBERT, GB

[72] CREAGHAN, DAVID, GB

[72] DODDS, PAUL, GB

[71] DEB IP LIMITED, GB

[85] 2016-08-11

[86] 2015-01-14 (PCT/US2015/011328)

[87] (WO2015/126538)

[30] US (14/185,568) 2014-02-20

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[21] 2,939,452 [13] A1	[21] 2,939,455 [13] A1	[21] 2,939,458 [13] A1
[51] Int.Cl. H04W 16/06 (2009.01) [25] EN [54] SYSTEM AND METHOD FOR GUARD BAND UTILIZATION FOR SYNCHRONOUS AND ASYNCHRONOUS COMMUNICATIONS [54] SYSTEME ET PROCEDE D'UTILISATION DE BANDE DE GARDE POUR DES COMMUNICATIONS SYNCHRONES ET ASYNCHRONES [72] VILAIPORNSAWAI, USA, CA [72] ABDOLI, MOHAMMAD JAVAD, CA [72] MA, JIANGLEI, CA [72] JIA, MING, CA [71] HUAWEI TECHNOLOGIES CO., LTD., CN [85] 2016-08-11 [86] 2015-02-13 (PCT/CN2015/073043) [87] (WO2015/120814) [30] US (14/180,147) 2014-02-13	[51] Int.Cl. E21B 33/04 (2006.01) E21B 43/10 (2006.01) [25] EN [54] ROTATING HANGER [54] DISPOSITIF DE SUSPENSION ROTATIF [72] MASSEY, NOLAN, US [72] PAINTER, JAY P., US [72] NAVAR, JOSE R., US [72] CLIFTON, JUSTIN T., US [72] GRIGGS, AMY A., US [71] CAMERON INTERNATIONAL CORPORATION, US [85] 2016-08-11 [86] 2015-02-06 (PCT/US2015/014821) [87] (WO2015/130449) [30] US (14/194,299) 2014-02-28	[51] Int.Cl. E21B 12/00 (2006.01) E21B 7/00 (2006.01) E21B 21/08 (2006.01) E21B 34/08 (2006.01) E21B 4/02 (2006.01) [25] EN [54] DOWNHOLE SELF-ISOLATING WELLBORE DRILLING SYSTEMS [54] SYSTEME DE FORAGE DE PUIITS DE FORAGE AUTO-ISOLANT DE FOND DE TROU [72] ZHOU, SHAOHUA, SA [71] SAUDI ARABIAN OIL COMPANY, SA [85] 2016-08-11 [86] 2015-02-09 (PCT/US2015/015016) [87] (WO2015/123140) [30] US (14/177,423) 2014-02-11
[21] 2,939,453 [13] A1	[21] 2,939,457 [13] A1	[21] 2,939,459 [13] A1
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[13] A1

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[25] EN

[54] **LIGHT IRRADIATION DEVICE AND IMAGE DISPLAY APPARATUS EQUIPPED WITH THE SAME**

[54] **DISPOSITIF DE RAYONNEMENT OPTIQUE ET DISPOSITIF D'AFFICHAGE D'IMAGE LE COMPRENANT**

[72] NISHIMORI, TAKEHIRO, JP

[72] FUJITA, KAZUHIRO, JP

[72] MURAI, TOSHIHARU, JP

[72] TAKAHASHI, TATSUYA, JP

[72] KITABAYASHI, JUNICHI, JP

[72] ITOH, KAORU, JP

[72] HIRAKAWA, MAKOTO, JP

[71] RICOH COMPANY, LTD., JP

[85] 2016-08-11

[86] 2014-11-20 (PCT/JP2014/080793)

[87] (WO2015/122075)

[30] JP (2014-027911) 2014-02-17

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[13] A1

[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01) A61F 15/00 (2006.01)**

[25] EN

[54] **ADHESIVE FILM BANDAGE FOR MEDICAL COMPRESSION**

[54] **BANDAGE DE FILM ADHESIF POUR COMPRESSION MEDICALE**

[72] RAGG, JOHANN CHRISTOF, DE

[71] SWISS VX VENENTHERAPIE UND FORSCHUNG GMBH, CH

[85] 2016-08-11

[86] 2015-02-19 (PCT/EP2015/053500)

[87] (WO2015/124669)

[30] EP (14155794.2) 2014-02-19

[21] **2,939,463**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR BIOMEDICAL RESEARCH DATABASE DEVELOPMENT AND USES THEREOF**

[54] **DEVELOPPEMENT ET UTILISATIONS DE BASE DE DONNEES DE RECHERCHE BIOMEDICALE**

[72] TRAN, ZUNG VU, US

[71] MEDAWARE SYSTEMS, INC., US

[85] 2016-08-11

[86] 2015-02-13 (PCT/US2015/015858)

[87] (WO2015/123542)

[30] US (61/939,953) 2014-02-14

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[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **USE OF ANTI-CCR5 ANTIBODIES IN GRAFT VERSUS HOST DISEASE**

[54] **UTILISATION D'ANTICORPS ANTI-CCR5 DANS LA MALADIE DU GREFFON CONTRE L'HOTE**

[72] MONTGOMERY, ALAN B., US

[71] CYTODYN INC., US

[85] 2016-08-11

[86] 2015-02-18 (PCT/US2015/016294)

[87] (WO2015/126892)

[30] US (61/941,352) 2014-02-18

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[13] A1

[51] **Int.Cl. B23K 31/00 (2006.01) B23K 9/00 (2006.01) B23K 9/007 (2006.01) B23K 9/167 (2006.01)**

[25] EN

[54] **REPAIR METHOD FOR CAST STEEL MEMBER**

[54] **PROCEDE DE REPARATION D'ELEMENT EN ACIER COULE**

[72] NISHIDA, HIDETAKA, JP

[71] THE CHUGOKU ELECTRIC POWER CO., INC., JP

[85] 2016-08-11

[86] 2014-02-13 (PCT/JP2014/053272)

[87] (WO2015/121936)

[21] **2,939,467**
[13] A1

[51] **Int.Cl. C09K 11/02 (2006.01) C09K 11/54 (2006.01) H01L 51/00 (2006.01) H05B 33/14 (2006.01)**

[25] EN

[54] **LUMINESCENT HYBRID NANOMATERIALS WITH AGGREGATION INDUCED EMISSION**

[54] **NANOMATERIAUX HYBRIDES LUMINESCENTS A EMISSION INDUITE PAR AGREGATION**

[72] ACKERMANN, JORG, FR

[72] MARGEAT, OLIVIER, FR

[72] HISSLER, MURIEL, FR

[72] BOUIT, PIERRE ANTOINE, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR

[71] UNIVERSITE AIX-MARSEILLE, FR

[71] UNIVERSITE DE RENNES 1, FR

[85] 2016-08-11

[86] 2015-02-24 (PCT/EP2015/053859)

[87] (WO2015/124802)

[30] FR (1451470) 2014-02-24

[30] EP (14173001.0) 2014-06-18

[21] **2,939,468**
[13] A1

[51] **Int.Cl. H04M 3/00 (2006.01) H04W 76/04 (2009.01) H04W 76/06 (2009.01) H04L 29/08 (2006.01)**

[25] EN

[54] **COMMUNICATION SYSTEM, COMMUNICATION DEVICE, COMMUNICATION METHOD, AND NON-TRANSITORY COMPUTER READABLE MEDIUM STORING PROGRAM**

[54] **SYSTEME DE COMMUNICATION, APPAREIL DE COMMUNICATION, PROCEDE DE COMMUNICATION ET SUPPORT LISIBLE PAR ORDINATEUR NON TEMPORAIRE SUR LEQUEL UN PROGRAMME A ETE STOCKE**

[72] TAMURA, TOSHIYUKI, JP

[71] NEC CORPORATION, JP

[85] 2016-08-11

[86] 2015-01-30 (PCT/JP2015/000427)

[87] (WO2015/122143)

[30] JP (2014-025566) 2014-02-13

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[51] **Int.Cl. B65D 25/14 (2006.01) B32B 15/09 (2006.01) B32B 27/20 (2006.01)**

[25] EN

[54] **RESIN-COATED METAL SHEET FOR CONTAINERS AND METHOD FOR MANUFACTURING THE SAME**

[54] **PLAQUE METALLIQUE RECOUVERTE DE RESINE POUR RECIPIENT ET SON PROCEDE DE PRODUCTION**

[72] YAMANAKA, YOICHIRO, JP
[72] KITAGAWA, JUNICHI, JP
[72] NAKAMARU, HIROKI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2016-08-11
[86] 2015-02-17 (PCT/JP2015/000717)
[87] (WO2015/125459)
[30] JP (2014-031206) 2014-02-21
[30] JP (PCT/JP2014/004712) 2014-09-11

[21] **2,939,472**
[13] A1

[51] **Int.Cl. H04W 16/18 (2009.01) H04W 24/02 (2009.01) H04W 24/10 (2009.01)**

[25] EN

[54] **NETWORK SYSTEM, ANALYSIS DEVICE, METHOD FOR PROCESSING MEASUREMENT INFORMATION, AND RECORDING MEDIUM**

[54] **SYSTEME DE RESEAU, DISPOSITIF D'ANALYSE, PROCEDE DE TRAITEMENT D'INFORMATIONS DE MESURES, ET SUPPORT D'ENREGISTREMENT**

[72] TAKAHASHI, GEN, JP
[71] NEC CORPORATION, JP
[85] 2016-08-11
[86] 2015-02-27 (PCT/JP2015/001045)
[87] (WO2015/133108)
[30] JP (2014-045676) 2014-03-07

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[13] A1

[51] **Int.Cl. C07K 14/415 (2006.01) C07K 17/14 (2006.01) G01N 33/68 (2006.01)**

[25] EN

[54] **PEPTIDE, MAGNETIC PEPTIDE AND METHOD FOR DETECTING COELIAC DISEASE**

[54] **PEPTIDE, PEPTIDE MAGNETIQUE ET METHODE POUR DETECTER LA MALADIE COELIAQUE**

[72] PIVIDORI GURGO, MARIA ISABEL, ES
[72] KERGARAVAT, SILVINA VANESA, ES
[71] UNIVERSITAT AUTONOMA DE BARCELONA, ES
[85] 2016-08-11
[86] 2015-02-16 (PCT/ES2015/070097)
[87] (WO2015/121526)
[30] ES (P201430198) 2014-02-14

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[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**

[25] EN

[54] **SYSTEM FOR TIME SLOT COMMUNICATION**

[54] **SYSTEME DE COMMUNICATION PAR CRENEAU TEMPOREL**

[72] ROSSL, ANDREAS, AT
[72] HECHENBLAICKNER, ANDREAS, AT
[72] FRIESSNEGG, CHRISTIAN, AT
[71] IMAGOTAG GMBH, AT
[85] 2016-08-11
[86] 2014-02-20 (PCT/EP2014/053376)
[87] (WO2015/124197)

[21] **2,939,474**
[13] A1

[51] **Int.Cl. H04N 13/04 (2006.01) H04N 9/31 (2006.01)**

[25] FR

[54] **METHOD OF ENHANCED ALIGNMENT OF TWO MEANS OF PROJECTION**

[54] **PROCEDE D'ALIGNEMENT PERFECTIONNE DE DEUX MOYENS DE PROJECTION**

[72] HELT, FRANCOIS, FR
[71] HIGHLANDS TECHNOLOGIES SOLUTIONS, FR
[85] 2016-08-11
[86] 2014-02-13 (PCT/FR2014/050294)
[87] (WO2015/121542)

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[51] **Int.Cl. A01B 73/02 (2006.01)**

[25] EN

[54] **WING POSITIONING APPARATUS**

[54] **APPAREIL DE POSITIONNEMENT D'AILE**

[72] LYKKEN, TOM, US
[72] MEYER, MATT, US
[71] TITAN MACHINERY, US
[85] 2016-08-11
[86] 2015-02-11 (PCT/US2015/015436)
[87] (WO2015/123310)
[30] US (61/938,546) 2014-02-11

[21] **2,939,475**
[13] A1

[51] **Int.Cl. F02D 41/04 (2006.01) F02D 41/40 (2006.01) F02D 45/00 (2006.01)**

[25] EN

[54] **ENGINE**

[54] **MOTEUR**

[72] OTANI, TOMOHIRO, JP
[72] IWASE, ATSUHITO, JP
[71] YANMAR CO., LTD., JP
[85] 2016-08-11
[86] 2015-02-25 (PCT/JP2015/000949)
[87] (WO2015/129262)
[30] JP (2014-035327) 2014-02-26

[21] **2,939,480**
[13] A1

[51] **Int.Cl. F24D 3/00 (2006.01)**

[25] EN

[54] **EXTERNAL CONTROL FOR HOT WATER RECIRCULATION PUMP**

[54] **COMMANDE EXTERNE POUR POMPE DE RECIRCULATION D'EAU CHAUDE**

[72] KELLICKER, ROBERT, US
[72] PERRONE, CARL A., US
[71] TACO, INC., US
[85] 2016-08-11
[86] 2015-02-11 (PCT/US2015/015470)
[87] (WO2015/123336)
[30] US (61/938,963) 2014-02-12

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[51] **Int.Cl. H03M 13/19 (2006.01) H03M 13/27 (2006.01) H04L 27/34 (2006.01)**
[25] EN
[54] **DATA PROCESSING DEVICE AND DATA PROCESSING METHOD**
[54] **DISPOSITIF DE TRAITEMENT DE DONNEES ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] IKEGAYA, RYOJI, JP
[72] YAMAMOTO, MAKIKO, JP
[72] SHINOHARA, YUJI, JP
[71] SONY CORPORATION, JP
[85] 2016-08-11
[86] 2015-02-05 (PCT/JP2015/053183)
[87] (WO2015/125614)
[30] JP (2014-030014) 2014-02-19

[21] **2,939,483**
[13] A1

[51] **Int.Cl. B01J 13/00 (2006.01) C08J 9/28 (2006.01)**
[25] FR
[54] **GELLED COMPOSITION FOR ORGANIC MONOLITHIC GEL, USES THEREOF AND PROCESS FOR PREPARING SAME**
[54] **COMPOSITION GELIFIEE POUR GEL MONOLITHIQUE ORGANIQUE, SES UTILISATIONS ET SON PROCEDE DE PREPARATION**
[72] DUFOUR, BRUNO, FR
[72] DORIE, HUGO, FR
[72] SONNTAG, PHILIPPE, FR
[71] HUTCHINSON, FR
[85] 2016-08-11
[86] 2014-03-04 (PCT/FR2014/050477)
[87] (WO2015/132475)

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[51] **Int.Cl. H03M 13/19 (2006.01) H03M 13/27 (2006.01) H04L 27/34 (2006.01)**
[25] EN
[54] **DATA PROCESSING DEVICE AND DATA PROCESSING METHOD**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] IKEGAYA, RYOJI, JP
[72] YAMAMOTO, MAKIKO, JP
[72] SHINOHARA, YUJI, JP
[71] SONY CORPORATION, JP
[85] 2016-08-11
[86] 2015-02-05 (PCT/JP2015/053185)
[87] (WO2015/125616)
[30] JP (2014-030016) 2014-02-19

[21] **2,939,485**
[13] A1

[51] **Int.Cl. B62D 51/00 (2006.01) A01B 33/02 (2006.01)**
[25] EN
[54] **POWER EQUIPMENT DEVICE WITH REMOVABLE ATTACHMENTS**
[54] **DISPOSITIF D'EQUIPEMENT D'ALIMENTATION DOTE DE DISPOSITIFS DE FIXATION AMOVIBLES**
[72] ERTEL, JASON R., US
[72] STEPHENS, PAUL, US
[72] ALLEN, ROBERT, US
[72] RABBITT, BILL, US
[71] MTD PRODUCTS INC, US
[85] 2016-08-11
[86] 2015-02-11 (PCT/US2015/015504)
[87] (WO2015/123357)
[30] US (61/938,581) 2014-02-11

[21] **2,939,486**
[13] A1

[51] **Int.Cl. C03B 23/027 (2006.01) C03B 23/03 (2006.01)**
[25] FR
[54] **GRAVITY BENDING ON DUAL MOUNTING**
[54] **BOMBAGE PAR GRAVITE SUR DOUBLE-SUPPORT**
[72] OLIVIER, THIERRY, FR
[72] PARAMBAN, UDAYAN, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2016-08-11
[86] 2015-02-23 (PCT/FR2015/050434)
[87] (WO2015/128573)
[30] FR (1451598) 2014-02-27

[21] **2,939,487**
[13] A1

[51] **Int.Cl. F02B 77/13 (2006.01) F02B 63/04 (2006.01)**
[25] EN
[54] **PACKAGE-STORAGE TYPE ENGINE GENERATOR**
[54] **MOTEUR-GENERATEUR STOCKE DANS UN BOITIER**
[72] TERADA, RURIKO, JP
[72] KAWANO, TATSUYA, JP
[71] YANMAR CO., LTD., JP
[85] 2016-08-11
[86] 2015-02-13 (PCT/JP2015/053897)
[87] (WO2015/146343)
[30] JP (2014-063048) 2014-03-26

[21] **2,939,489**
[13] A1

[51] **Int.Cl. C23C 16/00 (2006.01)**
[25] EN
[54] **FLUORINATED AND HYDROGENATED DIAMOND-LIKE CARBON MATERIALS FOR ANTI-REFLECTIVE COATINGS**
[54] **MATERIAUX CARBONES SEMBLABLES AU DIAMANT, FLUORES ET HYDROGENES, POUR REVETEMENTS ANTI-REFLET**
[72] SLAGTER, JOHN THOMAS, US
[72] TSU, DAVID V., US
[72] HAUBOLD, LARS, US
[72] SCHUELKE, THOMAS, US
[71] THE MACKINAC TECHNOLOGY COMPANY, US
[71] FRAUNHOFER USA, INC., US
[85] 2016-08-11
[86] 2015-02-12 (PCT/US2015/015517)
[87] (WO2015/123367)

[21] **2,939,490**
[13] A1

[51] **Int.Cl. B67D 1/00 (2006.01) B26D 7/27 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PROCESSING SINGLE CUP BEVERAGE DISPENSERS**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT DE DISTRIBUTEURS DE BOISSON INDIVIDUELS**
[72] GRANTHAM, ANDREW, CA
[71] GRANTHAM, ANDREW, CA
[85] 2016-08-11
[86] 2015-02-13 (PCT/IB2015/001098)
[87] (WO2015/136386)
[30] US (61/939,601) 2014-02-13

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[13] A1

[51] **Int.Cl. C07C 233/41 (2006.01) A61K 31/165 (2006.01) A61K 31/166 (2006.01) A61K 31/27 (2006.01) A61K 31/341 (2006.01) A61K 31/381 (2006.01) A61K 31/40 (2006.01) A61K 31/426 (2006.01) A61K 31/655 (2006.01) A61P 9/06 (2006.01) C07C 233/79 (2006.01) C07C 247/14 (2006.01) C07C 271/24 (2006.01) C07D 207/335 (2006.01) C07D 277/28 (2006.01) C07D 307/52 (2006.01) C07D 333/20 (2006.01) C07D 333/22 (2006.01) C07D 333/32 (2006.01)**

[25] EN
[54] **CYCLIC HYDROCARBON COMPOUND**
[54] **HYDROCARBURE CYCLIQUE**
[72] MASAKI, HIDEKAZU, JP
[72] KAGEYAMA, MASAYUKI, JP
[71] TOA EIYO LTD., JP
[85] 2016-08-12
[86] 2015-02-13 (PCT/JP2015/053979)
[87] (WO2015/122494)
[30] JP (2014-026617) 2014-02-14

[21] **2,939,493**
[13] A1

[51] **Int.Cl. B22F 9/26 (2006.01)**

[25] EN
[54] **METHOD FOR PRODUCING NICKEL POWDER**
[54] **PROCEDE DE PRODUCTION DE POUVRE DE NICKEL**
[72] YANAGISAWA, KAZUMICHI, JP
[72] ZHANG, JUNHAO, JP
[72] HEGURI, SHIN-ICHI, JP
[72] OZAKI, YOSHITOMO, JP
[72] TAKAISHI, KAZUYUKI, JP
[72] OHARA, HIDEKI, JP
[72] YONEYAMA, TOMOAKI, JP
[72] IKEDA, OSAMU, JP
[72] KUDO, YOHEI, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
[71] KOCHI UNIVERSITY, NATIONAL UNIVERSITY CORPORATION, JP
[85] 2016-08-11
[86] 2015-02-17 (PCT/JP2015/054280)
[87] (WO2015/122534)
[30] JP (2014-027902) 2014-02-17
[30] JP (2014-155511) 2014-07-30

[21] **2,939,496**
[13] A1

[51] **Int.Cl. H04N 21/45 (2011.01) H04N 21/462 (2011.01) H04N 21/61 (2011.01) H04N 21/81 (2011.01) G06Q 30/02 (2012.01)**

[25] EN
[54] **TIME-SENSITIVE CONTENT MANIPULATION IN ADAPTIVE STREAMING BUFFER**
[54] **MANIPULATION DE CONTENU SENSIBLE AU TEMPS DANS UN TAMPON DE DIFFUSION EN CONTINU ADAPTATIVE**
[72] REYNOLDS, JENNIFER ANN, US
[72] DASHER, CHARLES, US
[71] ERICSSON TELEVISION INC., US
[85] 2016-08-11
[86] 2015-02-11 (PCT/IB2015/051030)
[87] (WO2015/121808)
[30] US (14/179,876) 2014-02-13

[21] **2,939,497**
[13] A1

[51] **Int.Cl. A01C 7/18 (2006.01)**

[25] EN
[54] **PLANTER WITH SEED DELIVERY APPARATUS**
[54] **JARDINIERE AYANT UN APPAREIL DE DISTRIBUTION DE GRAINES**
[72] WILHELMI, MATTHEW J., US
[72] BACHMAN, MARVIN, US
[72] HAHN, DUSTAN, US
[72] MYERS, MICHAEL J., US
[72] STEVENSON, VAUGHAN, US
[72] BLACKWELL, ROBERT, US
[72] ACHEN, COURTNEY N., US
[71] KINZE MANUFACTURING, INC., US
[85] 2016-08-11
[86] 2015-02-11 (PCT/US2015/015424)
[87] (WO2015/123303)
[30] US (61/938,370) 2014-02-11

[21] **2,939,498**
[13] A1

[51] **Int.Cl. G03F 7/207 (2006.01) G02B 26/10 (2006.01)**

[25] EN
[54] **IMPROVED STEREO LITHOGRAPHY MACHINE**
[54] **MACHINE DE STEREO LITHOGRAPHIE AMELIOREE**
[72] COSTABEBER, ETTORE MAURIZIO, IT
[71] COSTABEBER, ETTORE MAURIZIO, IT
[85] 2016-08-11
[86] 2015-02-19 (PCT/IB2015/051283)
[87] (WO2015/128783)
[30] IT (VI2014A000048) 2014-02-28

[21] **2,939,501**
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4725 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) C07D 401/14 (2006.01) C07D 403/04 (2006.01)**

[25] EN
[54] **ISOQUINOLINE DERIVATIVES AND USE THEREOF**
[54] **DERIVES D'ISOQUINOLINE ET LEUR UTILISATION**
[72] TAFESSE, LAYKEA, US
[72] PARK, JAE HYUN, US
[71] PURDUE PHARMA L.P., US
[85] 2016-08-11
[86] 2015-02-12 (PCT/US2015/015576)
[87] (WO2015/123398)
[30] US (61/939,082) 2014-02-12

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[21] **2,939,503**
[13] A1

[51] **Int.Cl. C08G 18/76 (2006.01) C07C 267/00 (2006.01) C07C 271/28 (2006.01) C08G 18/02 (2006.01)**

[25] EN

[54] **METHOD OF PREPARING A POLYCARBODIIMIDE POLYMER AND POLYCARBODIIMIDE POLYMER PREPARED THEREBY**

[54] **PROCEDE DE SYNTHESE D'UN POLYMER DE POLYCARBODIIMIDE ET POLYMER DE POLYCARBODIIMIDE SYNTHETISE PAR LEDIT PROCEDE**

[72] WILLIAMS-HARRY, MICHELE, US
[72] KUMAR, RAJESH, US
[71] BASF SE, DE
[85] 2016-08-11
[86] 2015-02-12 (PCT/US2015/015616)
[87] (WO2015/123416)
[30] US (61/940,049) 2014-02-14

[21] **2,939,506**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01)**

[25] EN

[54] **METHODS FOR TREATING SKIN INFECTION BY ADMINISTERING AN IL-4R ANTAGONIST**

[54] **PROCEDES DE TRAITEMENT DE L'INFECTION CUTANEE PAR L'ADMINISTRATION D'UN ANTAGONISTE DE L'IL-4R**

[72] GRAHAM, NEIL, US
[72] ARDELEANU, MARIUS, US
[72] RADIN, ALLEN, US
[72] HAMILTON, JENNIFER D., US
[72] TEPPER, ARIEL, FR
[71] REGENERON PHARMACEUTICALS, INC., US
[71] SANOFI BIOTECHNOLOGY, FR
[85] 2016-08-11
[86] 2015-02-26 (PCT/US2015/017834)
[87] (WO2015/130975)
[30] US (61/946,237) 2014-02-28
[30] US (61/952,245) 2014-03-13
[30] US (61/986,371) 2014-04-30
[30] EP (14306476.4) 2014-09-24
[30] US (62/100,128) 2015-01-06

[21] **2,939,507**
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61P 9/10 (2006.01) C07K 16/40 (2006.01)**

[25] EN

[54] **METHODS FOR TREATING PATIENTS WITH HYPERCHOLESTEROLEMIA THAT IS NOT ADEQUATELY CONTROLLED BY MODERATE-DOSE STATIN THERAPY**

[54] **METHODES DE TRAITEMENT DE PATIENTS ATTEINTS D'HYPERCHOLESTEROLEMIE NON CORRECTEMENT MAITRISEE PAR UNE THERAPIE A LA STATINE A DOSE MODEREE**

[72] PORDY, ROBERT C., US
[72] SASIELA, WILLIAM J., US
[72] HARP, JOYCE B., US
[72] HANOTIN, CORINNE, FR
[72] BESSAC, LAURENCE, FR
[71] REGENERON PHARMACEUTICALS, INC., US

[71] SANOFI BIOTECHNOLOGY, FR
[85] 2016-08-11
[86] 2015-02-12 (PCT/US2015/015633)
[87] (WO2015/123423)
[30] US (61/939,857) 2014-02-14
[30] US (62/000,162) 2014-05-19
[30] US (62/025,094) 2014-07-16
[30] US (62/052,227) 2014-09-18
[30] EP (14306729.6) 2014-10-29

[21] **2,939,509**
[13] A1

[51] **Int.Cl. H04W 4/00 (2009.01)**

[25] EN

[54] **DIFFERENTIATED ROUTING SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE ROUTAGE DIFFERENCIE**

[72] CALLAHAN, PATRICK S., US
[72] TERPSTRA, RICHARD DEAN, US
[72] UZELAC, ADAM CHARLES, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2016-08-11
[86] 2015-02-12 (PCT/US2015/015677)
[87] (WO2015/123446)
[30] US (14/178,941) 2014-02-12

[21] **2,939,510**
[13] A1

[51] **Int.Cl. G06Q 50/10 (2012.01) G06Q 10/06 (2012.01) G06F 17/00 (2006.01) G06F 17/30 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR COMPONENT FAILURE-MODE SURVEILLANCE**

[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE DES MODES DE DEFAILLANCE DE COMPOSANTS**

[72] LANGLEY, ALAN MARK, CA
[72] D'EON, PHILLIP ANDREW, CA
[71] CASEBANK TECHNOLOGIES INC., CA
[71] LANGLEY, ALAN MARK, CA
[71] D'EON, PHILLIP ANDREW, CA
[85] 2016-08-12
[86] 2015-09-16 (PCT/CA2015/050899)
[87] (WO2016/041075)
[30] US (62/051,535) 2014-09-17

[21] **2,939,511**
[13] A1

[51] **Int.Cl. G06F 9/50 (2006.01)**

[25] EN

[54] **DYNAMIC RESOURCE MANAGEMENT FOR MULTI-PROCESS APPLICATIONS**

[54] **GESTION DE RESSOURCE DYNAMIQUE POUR DES APPLICATIONS A MULTIPLES PROCESSUS**

[72] KURTZMAN, TIMOTHY M., US
[72] WHITECHAPEL, DAVID A., US
[72] GBADEGESIN, ABOLADE, US
[72] TRUFINESCU, ADINA M., US
[72] ROBINSON, JEREMY P., US
[72] SHAH, SAMARTH H., US
[72] KAZA, AKHILESH, US
[72] CLINICK, ANDREW, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-08-11
[86] 2015-02-27 (PCT/US2015/017889)
[87] (WO2015/138150)
[30] US (61/950,614) 2014-03-10
[30] US (14/264,735) 2014-04-29

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[21] **2,939,512**
[13] A1

[51] **Int.Cl. A61K 35/28 (2015.01) A61K 35/12 (2015.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS TO IMPROVE THE HOMING AND GRAFTING OF HEMATOPOETIC STEM CELLS**
[54] **COMPOSITIONS ET PROCEDES D'AMELIORATION DE LA NOSTOCYTOSE ET LA PRISE DE GREFFE DE CELLULES SOUCHES HEMATOPOIETIQUES**
[72] MARATHI, UPENDRA K., US
[71] 7 HILLS INTERESTS, LLC, US
[85] 2016-08-11
[86] 2015-02-12 (PCT/US2015/015679)
[87] (WO2015/123447)
[30] US (61/938,988) 2014-02-12

[21] **2,939,513**
[13] A1

[51] **Int.Cl. B22F 9/26 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING NICKEL POWDER**
[54] **PROCEDE DE PRODUCTION DE POUDRE DE NICKEL**
[72] YANAGISAWA, KAZUMICHI, JP
[72] ZHANG, JUNHAO, JP
[72] HEGURI, SHIN-ICHI, JP
[72] OZAKI, YOSHITOMO, JP
[72] TAKAISHI, KAZUYUKI, JP
[72] OHARA, HIDEKI, JP
[72] YONEYAMA, TOMOAKI, JP
[72] IKEDA, OSAMU, JP
[72] KUDO, YOHEI, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
[85] 2016-08-11
[86] 2015-02-17 (PCT/JP2015/054281)
[87] (WO2015/122535)
[30] JP (2014-027902) 2014-02-17
[30] JP (2014-155511) 2014-07-30

[21] **2,939,514**
[13] A1

[51] **Int.Cl. G01N 21/49 (2006.01) G01K 11/32 (2006.01) G01N 21/39 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR REMOTE SENSING OF AMOUNT OF INGREDIENTS AND TEMPERATURE OF GASES**
[54] **PROCEDE ET DISPOSITIF DE DETECTION A DISTANCE DE QUANTITE D'INGREDIENTS ET DE TEMPERATURE DE GAZ**
[72] HAGER, J. STEWART, US
[72] YEREM, GEOFFREY, US
[71] HAGER ENVIRONMENTAL AND ATMOSPHERIC TECHNOLOGIES, LLC, US
[85] 2016-08-11
[86] 2015-02-13 (PCT/US2015/015791)
[87] (WO2015/123507)
[30] US (14/180,512) 2014-02-14

[21] **2,939,515**
[13] A1

[51] **Int.Cl. H04R 1/02 (2006.01) H04M 1/02 (2006.01)**
[25] EN
[54] **MICROPHONE HOLDING STRUCTURE AND ELECTRONIC DEVICE**
[54] **STRUCTURE DE MAINTIEN DE MICROPHONE ET DISPOSITIF ELECTRONIQUE**
[72] HIRAMATSU, TAKAHIRO, JP
[72] OSAWA, TSUTOMU, JP
[71] RICOH COMPANY, LTD., JP
[85] 2016-08-11
[86] 2015-02-19 (PCT/JP2015/054670)
[87] (WO2015/125889)
[30] JP (2014-033288) 2014-02-24
[30] JP (2014-104108) 2014-05-20

[21] **2,939,516**
[13] A1

[51] **Int.Cl. E21B 43/16 (2006.01) E21B 41/02 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **METHOD OF UTILIZING CARBON MONOXIDE TO INCREASE OIL RECOVERY**
[54] **PROCEDE D'UTILISATION DE MONOXYDE DE CARBONE POUR AUGMENTER LA RECUPERATION D'HUILE**
[72] TROST, PAUL B., US
[71] TROST, PAUL B., US
[85] 2016-08-11
[86] 2015-02-13 (PCT/US2015/015826)
[87] (WO2015/130491)
[30] US (14/621,531) 2015-02-13
[30] US (61/940,018) 2014-02-14

[21] **2,939,517**
[13] A1

[51] **Int.Cl. B23K 35/30 (2006.01) B23K 9/23 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **WELDED JOINT AND METHOD OF MANUFACTURING WELDED JOINT**
[54] **JOINT FIXE, ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] JOTOKU, KANA, JP
[72] HIRATA, HIROYUKI, JP
[72] OMURA, TOMOHIKO, JP
[72] NAKAMURA, JUN, JP
[72] OSUKI, TAKAHIRO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-08-11
[86] 2015-02-20 (PCT/JP2015/054722)
[87] (WO2015/129561)
[30] JP (2014-035376) 2014-02-26

[21] **2,939,519**
[13] A1

[51] **Int.Cl. B65F 1/06 (2006.01)**
[25] EN
[54] **BAG RELOADING GARBAGE UNIT**
[54] **UNITE A ORDURES MENAGERES A RECHARGE DE SAC**
[72] RAYMOND, LOUBERT JOSEPH, US
[72] OPALINSKI, LUKASZ, US
[71] RAYMOND, LOUBERT JOSEPH, US
[85] 2016-08-11
[86] 2015-03-03 (PCT/US2015/018403)
[87] (WO2015/134436)
[30] US (14/194,927) 2014-03-03

[21] **2,939,519**
[13] A1

[51] **Int.Cl. B65F 1/06 (2006.01)**
[25] EN
[54] **BAG RELOADING GARBAGE UNIT**
[54] **UNITE A ORDURES MENAGERES A RECHARGE DE SAC**
[72] RAYMOND, LOUBERT JOSEPH, US
[72] OPALINSKI, LUKASZ, US
[71] RAYMOND, LOUBERT JOSEPH, US
[85] 2016-08-11
[86] 2015-03-03 (PCT/US2015/018403)
[87] (WO2015/134436)
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[21] **2,939,519**
[13] A1

[51] **Int.Cl. B65F 1/06 (2006.01)**
[25] EN
[54] **BAG RELOADING GARBAGE UNIT**
[54] **UNITE A ORDURES MENAGERES A RECHARGE DE SAC**
[72] RAYMOND, LOUBERT JOSEPH, US
[72] OPALINSKI, LUKASZ, US
[71] RAYMOND, LOUBERT JOSEPH, US
[85] 2016-08-11
[86] 2015-03-03 (PCT/US2015/018403)
[87] (WO2015/134436)
[30] US (14/194,927) 2014-03-03

[21] **2,939,519**
[13] A1

[51] **Int.Cl. B65F 1/06 (2006.01)**
[25] EN
[54] **BAG RELOADING GARBAGE UNIT**
[54] **UNITE A ORDURES MENAGERES A RECHARGE DE SAC**
[72] RAYMOND, LOUBERT JOSEPH, US
[72] OPALINSKI, LUKASZ, US
[71] RAYMOND, LOUBERT JOSEPH, US
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[86] 2015-03-03 (PCT/US2015/018403)
[87] (WO2015/134436)
[30] US (14/194,927) 2014-03-03

Demandes PCT entrant en phase nationale

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[13] A1

[51] **Int.Cl. G21F 9/12 (2006.01) B01J 20/10 (2006.01) B01J 20/30 (2006.01) C01B 33/32 (2006.01) C01B 33/36 (2006.01)**

[25] EN

[54] **ADSORBENT MATERIAL AND METHOD FOR PRODUCING CRYSTALLINE SILICOTITANATE**

[54] **ADSORBANT ET PROCEDE DE FABRICATION DE SILICOTITANATE CRISTALLIN**

[72] MIYABE, SHINSUKE, JP

[72] KINOSE, YUTAKA, JP

[72] KIKUCHI, MASAHIRO, JP

[72] SAKAMOTO, TAKESHI, JP

[71] NIPPON CHEMICAL INDUSTRIAL CO., LTD., JP

[85] 2016-08-11

[86] 2015-03-24 (PCT/JP2015/058864)

[87] (WO2015/146962)

[30] JP (2014-066149) 2014-03-27

[21] **2,939,524**
[13] A1

[51] **Int.Cl. B01D 53/50 (2006.01) B01D 33/04 (2006.01) B01D 53/56 (2006.01) B01D 53/62 (2006.01) B01D 53/64 (2006.01) B01D 53/75 (2006.01) B01D 53/78 (2006.01) B01D 53/79 (2006.01) B01D 53/80 (2006.01) B01D 53/81 (2006.01) B01D 53/96 (2006.01) B03B 5/28 (2006.01)**

[25] EN

[54] **DESULFURIZATION APPARATUS AND EXHAUST GAS PROCESSING SYSTEM USING THE SAME**

[54] **APPAREIL DE DESULFURATION ET SYSTEME DE TRAITEMENT DE GAZ D'ECHAPPEMENT EQUIPE DE CELUI-CI**

[72] NAITO, TOSHIYUKI, JP

[71] IHI CORPORATION, JP

[85] 2016-08-11

[86] 2015-03-24 (PCT/JP2015/058873)

[87] (WO2015/159657)

[30] JP (2014-083481) 2014-04-15

[21] **2,939,525**
[13] A1

[51] **Int.Cl. C12N 5/0735 (2010.01) C12N 5/071 (2010.01) A61K 35/407 (2015.01) A61K 48/00 (2006.01) A61P 1/16 (2006.01) C12N 5/10 (2006.01)**

[25] EN

[54] **KITS AND METHODS FOR REPROGRAMING NON-HEPATOCTE CELLS INTO HEPATOCTE CELLS**

[54] **TROUSSES ET PROCEDES POUR REPROGRAMMER DES CELLULES NON HEPATOCTES EN CELLULES HEPATOCTES**

[72] DENG, HONGKUI, CN

[72] DU, YUANYUAN, CN

[72] SHI, YAN, CN

[72] JIA, JUN, CN

[72] WANG, JINLIN, CN

[72] XIANG, CHENGANG, CN

[72] SONG, NAN, CN

[72] XU, JUN, CN

[72] YIN, MING, CN

[71] PEKING UNIVERSITY, CN

[71] BEIJING VITALSTAR BIOTECHNOLOGY CO., LTD., CN

[71] BEIHAO STEM CELL AND REGENERATIVE MEDICINE TRANSLATIONAL RESEARCH INSTITUTE, CN

[85] 2016-08-12

[86] 2015-02-04 (PCT/CN2015/072232)

[87] (WO2015/120776)

[30] CN (201410048337.X) 2014-02-12

[21] **2,939,526**
[13] A1

[51] **Int.Cl. H04W 48/12 (2009.01) H04W 48/18 (2009.01) H04W 88/06 (2009.01)**

[25] EN

[54] **SUPPLEMENTAL CROSS-TECHNOLOGY DISCOVERY**

[54] **DECOUVERTE INTER-TECHNOLOGIES SUPPLEMENTAIRE**

[72] KELLEMAN, JAMES, US

[72] SIENICKI, JAMES, US

[71] QUALCOMM INCORPORATED, US

[85] 2016-08-11

[86] 2015-03-04 (PCT/US2015/018790)

[87] (WO2015/134642)

[30] US (14/199,884) 2014-03-06

[21] **2,939,528**
[13] A1

[51] **Int.Cl. F24C 1/00 (2006.01) F24C 7/02 (2006.01)**

[25] EN

[54] **COOKING DEVICE**

[54] **DISPOSITIF DE CUISSON**

[72] MINEOKA, TATSUYA, JP

[72] KUDO, SHINYA, JP

[72] KISHIMOTO, TAKUSHI, JP

[72] YAMAMOTO, YOSHIKAZU, JP

[72] MATSUBAYASHI, KAZUYUKI, JP

[71] SHARP KABUSHIKI KAISHA, JP

[85] 2016-08-11

[86] 2015-05-21 (PCT/JP2015/064647)

[87] (WO2015/182485)

[30] JP (2014-108210) 2014-05-26

[30] JP (2014-125624) 2014-06-18

[21] **2,939,530**
[13] A1

[51] **Int.Cl. C02F 1/00 (2006.01) C01B 25/234 (2006.01) C02F 1/28 (2006.01)**

[25] EN

[54] **PHOSPHATE RECOVERY BY ACID RETARDATION**

[54] **RECUPERATION DE PHOSPHATE PAR RETARD D'ACIDE**

[72] HIGGS, JUSTIN W., US

[72] MALLMANN, THOMAS KENNETH, US

[72] WORKMAN, KENNETH RAY, US

[71] EVOQUA WATER TECHNOLOGIES LLC, US

[85] 2016-08-11

[86] 2015-03-06 (PCT/US2015/019149)

[87] (WO2015/138233)

[30] US (61/950,359) 2014-03-10

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[21] **2,939,531**
[13] A1

[51] **Int.Cl. G06F 13/38 (2006.01) G06F 9/06 (2006.01) G06F 12/06 (2006.01) H04L 29/08 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR A NETWORK CONNECTED STORAGE SYSTEM**

[54] **PROCEDE ET APPAREIL DESTINES A UN SYSTEME DE STOCKAGE CONNECTE A UN RESEAU**

[72] CHEN, ALBERT H., US
[72] MALINA, JAMES N., US
[72] ARUL DHAS, BENIXON, US
[71] WESTERN DIGITAL TECHNOLOGIES, INC., US

[85] 2016-08-11
[86] 2015-02-13 (PCT/US2015/015877)
[87] (WO2015/123557)
[30] US (61/940,269) 2014-02-14
[30] US (61/940,313) 2014-02-14
[30] US (14/621,318) 2015-02-12

[21] **2,939,533**
[13] A1

[51] **Int.Cl. F24C 1/00 (2006.01) F24C 7/02 (2006.01) F24C 7/04 (2006.01) F24C 15/00 (2006.01)**

[25] EN

[54] **HEATING COOKER**

[54] **APPAREIL DE CUISSON CHAUFFANT**

[72] KITAYAMA, HIROKI, JP
[72] TAKEUCHI, JUNICHI, JP
[72] KAMII, YASUHIKO, JP
[71] SHARP KABUSHIKI KAISHA, JP

[85] 2016-08-11
[86] 2015-07-14 (PCT/JP2015/070183)
[87] (WO2016/013453)
[30] JP (2014-152159) 2014-07-25

[21] **2,939,534**
[13] A1

[51] **Int.Cl. G01B 17/02 (2006.01) G01N 29/04 (2006.01)**

[25] EN

[54] **PHOTO-ACOUSTIC DEVICE AND METHOD FOR NON-CONTACT MEASUREMENT OF THIN LAYERS**

[54] **DISPOSITIF PHOTO-ACOUSTIQUE ET PROCEDE DE MESURE SANS CONTACT DE COUCHES MINCES**

[72] PRINZHORN, HEINRICH, DE
[72] ERDMAN, STEFAN, US
[72] WUTTKE, THOMAS, DE
[72] BAUER, ANDREAS, DE
[72] ABEL, BERND, DE
[72] CHARVAT, ALES, DE
[71] NOVELIS INC., US

[85] 2016-08-11
[86] 2015-02-16 (PCT/US2015/016033)
[87] (WO2015/126784)
[30] US (61/941,404) 2014-02-18

[21] **2,939,535**
[13] A1

[51] **Int.Cl. C12N 15/86 (2006.01) A61K 48/00 (2006.01)**

[25] EN

[54] **USE OF ALPHAVIRUS IN PREPARATION OF ANTITUMOR DRUGS**

[54] **UTILISATION D'UN ALPHAVIRUS DANS LA PREPARATION DE MEDICAMENTS ANTITUMORAUX**

[72] YAN, GUANGMEI, CN
[72] XIAO, XIAO, CN
[72] HU, JUN, CN
[72] LI, KAI, CN
[72] LIANG, JIANKAI, CN
[72] LIN, YUAN, CN
[72] ZHANG, HAIPENG, CN
[72] LIN, SUIZHEN, CN
[71] GUANGZHOU VIROTECH PHARMACEUTICAL CO., LTD., CN

[85] 2016-08-12
[86] 2015-08-24 (PCT/CN2015/087945)
[87] (WO2016/029833)
[30] CN (201410425510.3) 2014-08-26

[21] **2,939,536**
[13] A1

[51] **Int.Cl. H04L 12/02 (2006.01)**

[25] EN

[54] **TOKEN-BASED DATA MANAGEMENT SYSTEM AND METHOD FOR A NETWORK**

[54] **SYSTEME ET PROCEDE DE GESTION DE DONNEES A BASE DE JETONS POUR UN RESEAU**

[72] MADDEN, THOMAS M., US
[72] DIEDERICHS, ROBERT, CA
[72] YEE, JERRY, CA
[71] CAMERON INTERNATIONAL CORPORATION, US

[85] 2016-08-11
[86] 2015-03-11 (PCT/US2015/019825)
[87] (WO2015/138531)
[30] US (14/207,237) 2014-03-12

[21] **2,939,537**
[13] A1

[51] **Int.Cl. H01C 7/00 (2006.01) H01B 1/20 (2006.01) H01B 13/00 (2006.01)**

[25] EN

[54] **RESISTIVE COMPOSITION**

[54] **COMPOSITION RESISTIVE**

[72] MASHIMA, HIROSHI, JP
[72] MOROFUJI, YUKARI, JP
[71] SHOEI CHEMICAL INC., JP

[85] 2016-08-11
[86] 2015-08-20 (PCT/JP2015/073357)
[87] (WO2016/039107)
[30] JP (2014-185799) 2014-09-12

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[13] A1

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[54] **SYNCHRONISATION DE RESEAU POUR DISPOSITIFS MAITRES ET ASSERVIS**

[72] MADDEN, THOMAS M., US
[72] DIEDERICHS, ROBERT, CA
[72] YEE, JERRY, CA
[71] CAMERON INTERNATIONAL CORPORATION, US

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[87] (WO2015/138540)
[30] US (14/207,265) 2014-03-12

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[13] A1

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[25] EN
[54] **A RAZOR HANDLE COMPRISING INSERTS WITHIN HOLES AND RAZOR COMPRISING SUCH A RAZOR HANDLE**

[54] **MANCHE DE RASOIR COMPRENANT DES PIECES RAPPORTEES A L'INTERIEUR DE TROUS ET RASOIR COMPRENANT UN TEL MANCHE DE RASOIR**

[72] GRATSIAS, SPIROS, GR
[72] PSIMADAS, IOANNIS-MARIOS, GR
[72] GEORGAKIS, GEORGIOS, GR
[72] CHRISTOFIDELLIS, EFSTRATIOS, GR
[71] BIC-VIOLEX SA, GR
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[87] (WO2015/128009)
[30] EP (PCT/EP2014/054008) 2014-02-28

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[54] **HYBRID PROTEINS AND USES THEREOF**

[54] **PROTEINES HYBRIDES ET LEURS UTILISATIONS**

[72] GRAVES, HERBERT ALEXANDER, CA
[72] FOX, MARK ANDREW, CA
[71] SYMVIVO CORPORATION, CA
[85] 2016-08-12
[86] 2015-02-12 (PCT/CA2015/000084)
[87] (WO2015/120542)
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[21] **2,939,542**
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[54] **THIN FILM RESISTIVE BODY AND PRODUCTION METHOD FOR SAME**

[54] **ELEMENT RESISTIF EN COUCHE MINCE ET PROCEDE DE PRODUCTION DE CELUI-CI**

[72] MASHIMA, HIROSHI, JP
[72] MOROFUJI, YUKARI, JP
[71] SHOEI CHEMICAL INC., JP
[85] 2016-08-11
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[87] (WO2016/039108)
[30] JP (2014-185800) 2014-09-12

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[25] EN
[54] **IL-21 ANTIBODIES**

[54] **ANTICORPS IL-21**

[72] DAVIES, JULIAN, US
[72] MAGRINI, FABIO, US
[72] MARTIN, ANDREA PAULA, US
[72] MOZAFFARIAN, NEELUFAR, US
[72] PATEL, CHETANKUMAR NATVARLAL, US
[72] SCHROEDER, OLIVER, US
[71] ELI LILLY AND COMPANY, US
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[13] A1

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[54] **SOLITON TRAVELING WAVE AIR MATTRESSES**

[54] **MATELAS PNEUMATIQUES A ONDES A PROPAGATION DE SOLITONS**

[72] CHAPIN, WILLIAM LAWRENCE, US
[71] CHAPIN, WILLIAM LAWRENCE, US
[85] 2016-08-11
[86] 2015-02-10 (PCT/US2015/015269)
[87] (WO2015/123221)
[30] US (14/179,791) 2014-02-13
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[51] **Int.Cl. C07D 215/22 (2006.01) A61K 31/47 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CRYSTALLINE SOLID FORMS OF N-{4-[(6,7-DIMETHOXYQUINOLIN-4-YL)OXY]PHENYL}-N'-(4-FLUOROPHENYL)CYCLOPROPANE-1,1-DICARBOXAMIDE, PROCESSES FOR MAKING, AND METHODS OF USE**

[54] **FORMES SOLIDES CRISTALLINES DU N-{4-[(6,7-DIMETHOXYQUINOLIN-4-YL)OXY]PHENYL}-N'-(4-FLUOROPHENYL)CYCLOPROPANE-1,1-DICARBOXAMIDE, PROCEDES DE PREPARATION, ET METHODES D'UTILISATION**

[72] AFTAB, DANA T., US
[72] GUZ, NATHAN, US
[72] LAU, STEPHEN, US
[72] HAMIL, NOEL, GB
[72] WALKER, TRACY, GB
[72] GALBRAITH, JANA, GB
[72] YAU, SIMON, US
[72] SHAH, KHALID, US
[71] EXELIXIS, INC., US
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[87] (WO2015/123639)
[30] US (61/939,985) 2014-02-14

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[13] A1

[51] **Int.Cl. F16K 17/04 (2006.01) F16K 31/12 (2006.01) G05D 16/00 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR MAINTAINING FLUID FLOW PRESSURE IN A SYSTEM AT A PRESET, ALMOST CONSTANT LEVEL**

[54] **PROCEDE ET AGENCEMENT POUR MAINTENIR UNE PRESSION D'ECOULEMENT DE FLUIDE DANS UN SYSTEME A UN NIVEAU PRE-ETABLI PRESQUE CONSTANT**

[72] POHJOLA, HEIKKI ANTERO, FI
[71] SOLAR WATER SOLUTIONS OY, FI
[85] 2016-08-12
[86] 2015-02-18 (PCT/FI2015/050096)
[87] (WO2015/124833)
[30] FI (20140049) 2014-02-19

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[25] EN
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[54] **EMPLACEMENTS DE**
RAMASSAGE MOBILES
[72] BHATT, KUSHAL MUKESH, US
[71] AMAZON TECHNOLOGIES, INC.,
US
[85] 2016-08-11
[86] 2015-02-10 (PCT/US2015/015283)
[87] (WO2015/123224)
[30] US (14/180,037) 2014-02-13

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[13] A1

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A61P 29/00 (2006.01) C07D 211/90
(2006.01)
[25] EN
[54] **CARBOXAMIDE DERIVATIVES**
AND USE THEREOF
[54] **DERIVES DE CARBOXAMIDE ET**
LEUR UTILISATION
[72] YAO, JIANGCHAO, US
[72] TAFESSE, LAYKEA, US
[71] PURDUE PHARMA L.P., US
[85] 2016-08-11
[86] 2014-03-13 (PCT/US2014/025644)
[87] (WO2014/151393)
[30] US (61/789,502) 2013-03-15

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[13] A1

[51] **Int.Cl. E21B 43/04 (2006.01)**
[25] EN
[54] **COMPOSITE FILTER ASSEMBLY**
AND METHOD
[54] **ENSEMBLE DE FILTRE**
COMPOSITE ET PROCEDE
[72] VU, PHONG, US
[71] DELTA SCREEN & FILTRATION,
LLC, US
[85] 2016-08-11
[86] 2015-02-16 (PCT/US2015/016063)
[87] (WO2015/130506)
[30] US (61/945,632) 2014-02-27

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[51] **Int.Cl. H01H 71/08 (2006.01) H01H**
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[25] EN
[54] **THERMAL OVERCURRENT**
CIRCUIT BREAKER
[54] **DISJONCTEUR THERMIQUE DE**
PROTECTION CONTRE LES
SURINTENSITES
[72] FISCHER, ERICH, DE
[72] SCHMIDT, WOLFGANG, DE
[71] ELLENBERGER & POENSGEN
GMBH, DE
[85] 2016-08-12
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[30] DE (10 2014 002 026.6) 2014-02-13

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(2006.01)
[25] EN
[54] **IMPROVED METHODS FOR THE**
TREATMENT OF
VASCULARIZING CANCERS
[54] **PROCEDES AMELIORES POUR**
LE TRAITEMENT DE CANCERS
LIES A LA VASCULARISATION
[72] CHI, ANDREW S., US
[71] CHI, ANDREW S., US
[85] 2016-08-11
[86] 2015-02-11 (PCT/US2015/015320)
[87] (WO2015/123241)
[30] US (61/939,804) 2014-02-14

[21] **2,939,557**
[13] A1

[51] **Int.Cl. A61K 48/00 (2006.01) C07H**
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[25] EN
[54] **COMPOSITIONS AND METHODS**
FOR TREATING LIVER INJURY
[54] **COMPOSITIONS ET METHODES**
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HEPATIQUE
[72] FRIEDMAN, JOSHUA R., US
[72] HAND, NICHOLAS J., US
[71] THE CHILDREN'S HOSPITAL OF
PHILADELPHIA, US
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[86] 2015-02-17 (PCT/US2015/016158)
[87] (WO2015/123672)
[30] US (61/939,926) 2014-02-14

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[13] A1

[51] **Int.Cl. H01R 43/00 (2006.01) H02G**
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[25] EN
[54] **ELECTRICAL TRANSMISSION**
LINE REPAIR APPARATUS
[54] **APPAREIL DE REPARATION**
D'UNE LIGNE DE TRANSMISSION
ELECTRIQUE
[72] TAMM, CARL RUSSEL, US
[71] CLASSIC CONNECTORS, US
[85] 2016-08-11
[86] 2015-02-11 (PCT/US2015/015361)
[87] (WO2015/123260)
[30] US (61/938,194) 2014-02-11

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[13] A1

[51] **Int.Cl. A61K 9/107 (2006.01) A61K**
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[25] EN
[54] **PARENTERAL COMPOSITIONS**
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[54] **COMPOSITIONS PARENTERALES**
DE CELECOXIB
[72] OKUMU, FRANKLIN, US
[72] CHU, JAN-JON, US
[72] WEBB, JULIE ANN, US
[72] SABINO, RAFAEL ANTHONY, US
[72] CHEN, ANDREW XIAN, US
[71] DR. REDDY'S LABORATORIES
LTD., IN
[71] OKUMU, FRANKLIN, US
[71] CHU, JAN-JON, US
[71] WEBB, JULIE ANN, US
[71] SABINO, RAFAEL ANTHONY, US
[71] CHEN, ANDREW XIAN, US
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[86] 2015-02-11 (PCT/US2015/015379)
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[13] A1

[51] **Int.Cl. A01B 73/02 (2006.01)**
[25] EN
[54] **BI-FOLD TOOL BAR LINKAGE**
[54] **LIAISON DE BARRE D'OUTIL**
SEMI-PLIANTE
[72] LYKKEN, TOM, US
[71] TITAN MACHINERY, US
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[86] 2015-02-11 (PCT/US2015/015401)
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[54] PROCEDES ET SYSTEMES PERMETTANT LA DETECTION RAPIDE DE MICRO-ORGANISMES A L'AIDE D'ANTICORPS LIBRES	[54] GESTION DE RESSOURCES BASEE SUR DES PROFILS D'UTILISATION DE RESSOURCES SPECIFIQUES A UN DISPOSITIF OU A UN UTILISATEUR	[25] FR [54] NEW PHENYLAZETIDINE, CARBOXYLATE OR CARBOXAMIDE COMPOUNDS
[72] ANDERSON, DWIGHT LYMAN, US [72] HOPKINS, BEN BARRETT, US [72] GIL, JOSE S., US [72] ERICKSON, STEPHEN ERIC, US [72] KOVACHEVA, EKATERINA, US [71] LABORATORY CORPORATION OF AMERICA HOLDINGS, US [85] 2016-08-11 [86] 2015-02-18 (PCT/US2015/016430) [87] (WO2015/126976) [30] US (61/940,968) 2014-02-18	[72] KURTZMAN, TIMOTHY M., US [72] WHITECHAPEL, DAVID A., US [72] GBADEGESIN, ABOLADE, US [72] TRUFINESCU, ADINA M., US [72] ROBINSON, JEREMY P., US [72] SHAH, SAMARTH H., US [72] KAZA, AKHILESH, US [72] CLINICK, ANDREW, US [71] MICROSOFT TECHNOLOGY LICENSING, LLC, US [85] 2016-08-11 [86] 2015-02-27 (PCT/US2015/017892) [87] (WO2015/138152) [30] US (61/950,620) 2014-03-10 [30] US (14/264,838) 2014-04-29	[54] NOUVEAUX COMPOSES DE TYPE PHENYLAZETIDINE CARBOXYLATE OU CARBOXAMIDE [72] BOUBIA, BENAÏSSA, FR [72] MASSARDIER, CHRISTINE, FR [72] GUILLIER, FABRICE, FR [72] POUPARDIN, OLIVIA, FR [72] TALLANDIER, MIREILLE, FR [72] AMAUDRUT, JEROME, FR [72] BONDOUX, MICHEL, FR [72] FEENSTRA, ROELOF WILLIEM, NL [72] VAN DONGEN, MARIA, NL [71] INVENTIVA, FR [85] 2016-08-12 [86] 2015-02-19 (PCT/FR2015/050398) [87] (WO2015/124868) [30] FR (1451414) 2014-02-21
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[54] PROCEDE DE FONCTIONNEMENT DE CELLULES ELECTROCHIMIQUES COMPORTANT UN COMBUSTIBLE DEPOSE PAR VOIE GALVANIQUE		
[72] FRIESEN, CODY, US [72] HAYES, JOEL, US [72] PUZHAEV, SERGEY, US [72] KRISHNAN, RAMKUMAR, US [72] TRIMBLE, TODD, US [71] FLUIDIC, INC., US [85] 2016-08-11 [86] 2015-02-11 (PCT/US2015/015407) [87] (WO2015/123290) [30] US (61/938,922) 2014-02-12		

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[13] A1

[51] **Int.Cl. A61F 2/00 (2006.01)**
[25] FR
[54] **SYSTEM AND METHOD FOR DETECTING AN ENDOURETHRAL DEVICE FOR AN ARTIFICIAL SPHINCTER THAT IS IMPLANTABLE IN THE BODY OF A HUMAN OR ANIMAL**
[54] **SYSTEME ET PROCEDE DE DETECTION D'UN DISPOSITIF ENDO-URETRAL POUR UN SPHINCTER ARTIFICIEL IMPLANTABLE DANS LE CORPS HUMAIN OU ANIMAL**
[72] LAMRAOUI, HAMID, FR
[72] MOZER, PIERRE, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[71] UROMEMS, FR
[85] 2016-07-27
[86] 2014-01-31 (PCT/EP2014/051943)
[87] (WO2014/118335)
[30] FR (1350880) 2013-02-01

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[13] A1

[51] **Int.Cl. A61K 39/42 (2006.01) C07K 16/08 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **MARBURG MONOCLONAL ANTIBODIES**
[54] **ANTICORPS MONOCLONAUX DE MARBURG**
[72] BERRY, JODY, CA
[72] SAPHIRE, ERICA, US
[71] BERRY, JODY, CA
[71] SAPHIRE, ERICA, US
[85] 2016-08-11
[86] 2015-02-19 (PCT/US2015/016708)
[87] (WO2015/127140)
[30] US (61/941,807) 2014-02-19
[30] US (62/016,419) 2014-06-24

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[13] A1

[51] **Int.Cl. H02M 5/12 (2006.01) H01F 27/10 (2006.01) H02H 7/04 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS OF FIELD UPGRADEABLE TRANSFORMERS**
[54] **PROCEDES ET SYSTEMES DE TRANSFORMATEURS POUVANT ETRE OPTIMISES EN CHAMP**
[72] DIVAN, DEEPAKRAJ M., US
[72] PRASAI, ANISH, US
[71] VARENTEC, INC., US
[85] 2016-08-11
[86] 2015-02-20 (PCT/US2015/016835)
[87] (WO2015/127215)
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[13] A1

[51] **Int.Cl. C03B 33/07 (2006.01) C03B 33/09 (2006.01)**
[25] EN
[54] **METHOD FOR CUTTING A LAMINATED, ULTRATHIN GLASS LAYER**
[54] **PROCEDE DE DECOUPE D'UNE COUCHE DE VERRE ULTRAMINCE STRATIFIEE**
[72] YEH, LI-YA, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2016-08-12
[86] 2015-01-14 (PCT/EP2015/050540)
[87] (WO2015/132008)
[30] EP (14157625.6) 2014-03-04

[21] **2,939,575**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A01N 43/90 (2006.01) C07D 213/73 (2006.01) C07D 213/74 (2006.01) C07D 473/40 (2006.01) C07D 498/04 (2006.01)**
[25] EN
[54] **2-(HET)ARYL-SUBSTITUTED CONDENSED BICYCLIC HETEROCYCLE DERIVATIVES AS PEST CONTROL AGENTS**
[54] **DERIVES D'HETEROCYCLES BICYCLIQUES CONDENSES A SUBSTITUANT 2-(HET)ARYLE COMME AGENT DE LUTTE CONTRE LES NUISIBLES**
[72] FISCHER, RUDIGER, DE
[72] ALIG, BERND, DE
[72] ILG, KERSTIN, DE
[72] MALSAM, OLGA, DE
[72] GORGENS, ULRICH, DE
[72] TURBERG, ANDREAS, DE
[72] LI, JUN, DE
[72] ZHERSH, SERGEY, UA
[72] ARLT, ALEXANDER, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2016-08-12
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[87] (WO2015/121136)
[30] EP (14155372.7) 2014-02-17

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[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61P 7/02 (2006.01)**
[25] EN
[54] **FACTOR VII CONJUGATES**
[54] **CONJUGUES DU FACTEUR VII**
[72] BEHRENS, CARSTEN, DK
[72] DEANGELIS, PAUL, US
[72] HALLER, FRIEDRICH MICHAEL, US
[71] NOVO NORDISK HEALTH CARE AG, CH
[85] 2016-08-12
[86] 2015-02-12 (PCT/EP2015/053028)
[87] (WO2015/121385)
[30] EP (14154875.0) 2014-02-12

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[13] A1

[51] **Int.Cl. B01D 61/24 (2006.01) B01D 61/28 (2006.01) B01D 61/32 (2006.01) B01D 61/58 (2006.01)**

[25] EN

[54] **ULTRAFILTRATION UNIT FOR CONTINUOUS BUFFER OR MEDIA EXCHANGE FROM A PROTEIN SOLUTION**

[54] **UNITE D'ULTRAFILTRATION SERVANT A L'ECHANGE DE TAMPON OU DE MILIEU EN CONTINU A PARTIR D'UNE SOLUTION PROTEINIQUE**

[72] SCHWAN, PETER, DE
[72] LENZ, LUTZ-PETER, DE
[72] BAUMARTH, KERSTIN, DE
[72] LOBEDANN, MARTIN, DE
[71] BAYER TECHNOLOGY SERVICES GMBH, DE

[85] 2016-08-12
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[87] (WO2015/121403)
[30] EP (14155338.8) 2014-02-17

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[13] A1

[51] **Int.Cl. A01H 5/10 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **GENETIC LOCI ASSOCIATED WITH INCREASED FERTILITY IN MAIZE**

[54] **LOCI GENETIQUES ASSOCIES A LA FERTILITE ACCRUE DANS LE MAIS**

[72] RITCHIE, STEVEN WILLIAM, US
[72] CHINTAMANANI, SATYA P., US
[72] DUNN, MOLLY, US
[72] ERSOZ, ELHAN SULTAN, US
[72] FOSTER, DAVID JAY, US
[72] MARTIN, NICOLAS FEDERICO, US
[72] SKIBBE, DAVID STEWART, US
[72] TUCKER, DOMINIC MICHAEL, US
[71] SYNGENTA PARTICIPATIONS AG, CH

[85] 2016-08-11
[86] 2015-02-20 (PCT/US2015/016877)
[87] (WO2015/127248)
[30] US (61/942,720) 2014-02-21

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[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01)**

[25] EN

[54] **FORMULATIONS FOR SMALL INTESTINAL DELIVERY**

[54] **FORMULATIONS POUR L'INTESTIN GRELE**

[72] TUCKER, SEAN, US
[72] TRAGER, GEORGE, US
[71] VAXART, INC., US

[85] 2016-08-11
[86] 2015-02-20 (PCT/US2015/016921)
[87] (WO2015/127278)
[30] US (61/942,386) 2014-02-20

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[13] A1

[51] **Int.Cl. B21F 27/10 (2006.01)**

[25] EN

[54] **WIRE SCREEN MANUFACTURING SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE FABRICATION DE CRIBLE METALLIQUE**

[72] EVERITT, STEVEN MARK, US
[72] COOPER, CARL, US
[72] PARMELY, ART, US
[72] GRIFNO, RICHARD, US
[71] DELTA SCREEN & FILTRATION, LLC, US

[85] 2016-08-11
[86] 2015-02-23 (PCT/US2015/017073)
[87] (WO2015/130603)
[30] US (61/946,266) 2014-02-28

[21] **2,939,583**
[13] A1

[51] **Int.Cl. G21K 1/02 (2006.01) G01N 23/201 (2006.01)**

[25] EN

[54] **HIGH PERFORMANCE KRATKY ASSEMBLY**

[54] **ENSEMBLE KRATKY HAUTE PERFORMANCE**

[72] JIANG, LICAI, US
[72] PENNARTZ, PAUL ULRICH, DE
[71] RIGAKU INNOVATIVE TECHNOLOGIES, INC., US

[85] 2016-08-11
[86] 2015-02-24 (PCT/US2015/017218)
[87] (WO2015/127420)
[30] US (14/187,832) 2014-02-24

[21] **2,939,584**
[13] A1

[51] **Int.Cl. H01H 51/10 (2006.01) H01H 71/14 (2006.01)**

[25] EN

[54] **CIRCUIT INTERRUPTION DEVICE EMPLOYING SHAPE MEMORY ALLOY ELEMENT**

[54] **DISPOSITIF D'INTERRUPTION DE CIRCUIT EMPLOYANT UN ELEMENT EN ALLIAGE A MEMOIRE DE FORME**

[72] MILLS, PATRICK WELLINGTON, US
[72] MCCORMICK, JAMES MICHAEL, US
[72] GEIER, DAVID MICHAEL, US
[71] LABINAL, LLC, US

[85] 2016-08-11
[86] 2015-02-24 (PCT/US2015/017241)
[87] (WO2015/130649)
[30] US (61/944,654) 2014-02-26

[21] **2,939,585**
[13] A1

[51] **Int.Cl. E21B 17/02 (2006.01) E21B 17/20 (2006.01) H01R 13/52 (2006.01)**

[25] EN

[54] **ELECTROMAGNETIC DIRECTIONAL COUPLER WIRED PIPE TRANSMISSION DEVICE**

[54] **DISPOSITIF D'EMISSION A TUYAU CABLE A COUPLEUR DIRECTIONNEL ELECTROMAGNETIQUE**

[72] BRATSCHKE, THOMAS, US
[71] BAKER HUGHES INCORPORATED, US

[85] 2016-08-11
[86] 2015-02-24 (PCT/US2015/017275)
[87] (WO2015/127433)
[30] US (14/187,923) 2014-02-24

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[21] **2,939,587**
[13] A1

[51] **Int.Cl. C07K 14/47 (2006.01) A61K 38/17 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **POLYPEPTIDE FRAGMENTS OF 168A-T2 AND COMPOSITIONS COMPRISING THEM FOR USE IN TREATING CANCER**
[54] **FRAGMENTS POLYPEPTIDIQUES DE 168A-T2 ET COMPOSITIONS LES COMPORTANT POUR UTILISATION DANS LE TRAITEMENT DU CANCER**
[72] AL-MAHMOOD, SALMAN, FR
[72] COLIN, SYLVIE, FR
[71] GENE SIGNAL INTERNATIONAL SA, CH
[85] 2016-08-12
[86] 2015-02-13 (PCT/EP2015/053125)
[87] (WO2015/121428)
[30] EP (14155243.0) 2014-02-14
[30] US (61/939,932) 2014-02-14

[21] **2,939,589**
[13] A1

[51] **Int.Cl. C12N 5/077 (2010.01)**
[25] EN
[54] **IMMORTALIZED CELL**
[54] **CELLULE IMMORTALISEE**
[72] ALEXANDER-FRIEDRICH, DOROTHEA, DE
[71] EBERHARD KARLS UNIVERSITAT TUBINGEN MEDIZINISCHE FAKULTAT, DE
[85] 2016-08-12
[86] 2015-02-16 (PCT/EP2015/053213)
[87] (WO2015/121470)
[30] DE (10 2014 101 862.1) 2014-02-14

[21] **2,939,595**
[13] A1

[51] **Int.Cl. G06K 9/20 (2006.01) G01N 21/00 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR SAMPLE INTEGRITY VERIFICATION**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES POUR VERIFICATION DE L'INTEGRITE D'ECHANTILLONS**
[72] MORRISON, ZACHARY, US
[72] YOUNG, DANIEL, US
[72] BALWANI, SUNNY, US
[71] THERANOS, INC., US
[85] 2016-08-11
[86] 2015-02-25 (PCT/US2015/017581)
[87] (WO2015/130828)
[30] US (61/944,557) 2014-02-25

[21] **2,939,603**
[13] A1

[51] **Int.Cl. C07D 409/12 (2006.01) A01N 43/36 (2006.01) A01N 43/40 (2006.01) A01N 43/56 (2006.01) A01N 43/80 (2006.01) C07D 207/22 (2006.01) C07D 263/16 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **AZOLINE COMPOUNDS**
[54] **COMPOSES AZOLINE**
[72] BINDSCHADLER, PASCAL, DE
[72] VON DEYN, WOLFGANG, DE
[71] BASF SE, DE
[85] 2016-08-12
[86] 2015-02-25 (PCT/EP2015/053899)
[87] (WO2015/128358)
[30] US (61/944,588) 2014-02-26
[30] US (62/094,091) 2014-12-19

[21] **2,939,604**
[13] A1

[51] **Int.Cl. A01N 57/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF TREATMENT COMPRISING FOSFOMYCIN DISODIUM**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT A BASE DE DISODIUM DE FOSFOMYCINE**
[72] DEDHIYA, MAHENDRA G., US
[72] BHATTACHARYA, SISIR, US
[71] FOREST LABORATORIES HOLDINGS LIMITED, BM
[71] DEDHIYA, MAHENDRA G., US
[71] BHATTACHARYA, SISIR, US
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[87] (WO2015/070131)
[30] US (61/902,354) 2013-11-11

[21] **2,939,607**
[13] A1

[51] **Int.Cl. A61F 13/06 (2006.01) A61F 13/08 (2006.01) A61F 13/10 (2006.01)**
[25] FR
[54] **SEAMLESS COMPRESSION SLEEVE**
[54] **MANCHON DE COMPRESSION SANS COUTURES**
[72] BAZOUD, XAVIER, FR
[72] DUHEM, JULIEN, FR
[71] SIGVARIS AG, CH
[85] 2016-08-12
[86] 2015-03-03 (PCT/EP2015/054410)
[87] (WO2015/132256)
[30] FR (1451673) 2014-03-03

[21] **2,939,608**
[13] A1

[51] **Int.Cl. G06Q 10/02 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **RESERVATION SYSTEM AMD METHOD THEREFOR**
[54] **SYSTEME DE RESERVATION ET PROCEDE ASSOCIE**
[72] GODBER, DANIEL, GB
[71] SITA INFORMATION NETWORKING COMPUTING IRELAND LIMITED, IE
[85] 2016-08-12
[86] 2015-02-17 (PCT/EP2015/053319)
[87] (WO2015/124571)
[30] US (61/941,736) 2014-02-19
[30] GB (1421313.6) 2014-12-01

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[21] **2,939,611**
[13] A1

[51] **Int.Cl. A01G 31/04 (2006.01) A01G 1/00 (2006.01) A01G 9/02 (2006.01) A01G 9/24 (2006.01) A01G 31/06 (2006.01)**

[25] EN

[54] **ROTATABLE RACK SYSTEM**

[54] **SYSTEME D'ETAGERE POUVANT TOURNER**

[72] NG, SOON HOE JACK, SG

[71] SKY URBAN IP PTE LTD, SG

[85] 2016-08-12

[86] 2015-02-10 (PCT/SG2015/050018)

[87] (WO2015/122849)

[30] SG (2014014302) 2014-02-13

[21] **2,939,613**
[13] A1

[51] **Int.Cl. A47J 31/46 (2006.01) F04B 17/00 (2006.01)**

[25] EN

[54] **MACHINE FOR PREPARING LIQUID PRODUCTS, IN PARTICULAR VIA CAPSULES**

[54] **MACHINE DE PREPARATION DE PRODUITS LIQUIDES, EN PARTICULIER PAR L'INTERMEDIAIRE DE CAPSULES**

[72] BOLOGNESE, DANILO, IT

[72] CABILLI, ALBERTO, IT

[72] ROTTA, DENIS, IT

[72] BUGNANO, LUCA, IT

[71] LUIGI LAVAZZA S.P.A., IT

[85] 2016-08-12

[86] 2015-03-16 (PCT/IB2015/051899)

[87] (WO2015/140688)

[30] IT (TO2014A000227) 2014-03-19

[21] **2,939,614**
[13] A1

[51] **Int.Cl. C02F 5/10 (2006.01)**

[25] EN

[54] **COMPOSITION AND METHOD OF SCALE CONTROL IN REGULATED EVAPORATIVE SYSTEMS**

[54] **COMPOSITION ET PROCEDE DE REGULATION DE DEPOTS DANS DES SYSTEMES D'EVAPORATION REGULEE**

[72] FLOCKEN, CHRISTIAN, DE

[72] HENDERSON, JAY C., US

[72] MOERING, CHRISTINA, DE

[71] SOLENIS TECHNOLOGIES CAYMAN, L.P., CH

[85] 2016-08-12

[86] 2014-04-11 (PCT/US2014/033724)

[87] (WO2015/134048)

[30] US (61/948,829) 2014-03-06

[21] **2,939,615**
[13] A1

[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/00 (2006.01) A61B 17/064 (2006.01)**

[25] EN

[54] **STAPLING DEVICE**

[54] **DISPOSITIF D'AGRAFAGE**

[72] ZERKOWSKI, HANS-REINHARD, CH

[72] PUGH, MARK, IE

[72] MORAN, ADRIAN, IE

[72] O'CARROLL, GER, IE

[71] MEDTENTIA INTERNATIONAL LTD OY, FI

[85] 2016-08-12

[86] 2015-02-18 (PCT/EP2015/053419)

[87] (WO2015/124630)

[30] EP (14155506.0) 2014-02-18

[21] **2,939,616**
[13] A1

[51] **Int.Cl. C03C 3/078 (2006.01)**

[25] EN

[54] **SODIUM CONTAINING SOL-GEL DERIVED BIOACTIVE GLASSES AND USES THEREOF INCLUDING HEMOSTASIS**

[54] **VERRES BIOACTIFS ELABORES PAR VOIE SOL-GEL CONTENANT DU SODIUM ET UTILISATIONS DE CES VERRES, NOTAMMENT POUR L'HEMOSTASE**

[72] POMRINK, GREGORY J., US

[72] ZHONG, JIPIN, US

[72] TOSUN, ZEHRA, US

[72] HOWELL, ROY LAYNE, US

[72] CAO, CECILIA A., US

[71] NOVABONE PRODUCTS, LLC, US

[85] 2016-08-12

[86] 2014-06-23 (PCT/US2014/043638)

[87] (WO2015/137990)

[30] US (14/204,816) 2014-03-11

[21] **2,939,617**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01)**

[25] EN

[54] **PAYLOAD MOLECULE DELIVERY USING FUNCTIONALIZED DISCRETE CARBON NANOTUBES**

[54] **ADMINISTRATION DE MOLECULES DE CHARGE UTILE A L'AIDE DE NANOTUBES DE CARBONE DISCRETS FONCTIONNALISES**

[72] BOSNYAK, CLIVE P., US

[72] SWOGGER, KURT W., US

[72] HENDERSON, NANCY, US

[72] EVERILL, PAUL, US

[71] MOLECULAR REBAR DESIGN, LLC, US

[85] 2016-08-22

[86] 2015-02-21 (PCT/US2015/016992)

[87] (WO2015/127332)

[30] US (61/943,297) 2014-02-21

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[21] **2,939,618**
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **MEDICAL DEVICE FOR A
CARDIAC VALVE IMPLANT**
[54] **DISPOSITIF MEDICAL POUR
IMPLANT DE VALVULE
CARDIAQUE**
[72] ZERKOWSKI, HANS-REINHARD,
CH
[72] O'CARROLL, GER, IE
[72] PUGH, MARK, IE
[71] MEDTENTIA INTERNATIONAL
LTD OY, FI
[85] 2016-08-12
[86] 2015-02-18 (PCT/EP2015/053420)
[87] (WO2015/124631)
[30] EP (14155508.6) 2014-02-18

[21] **2,939,621**
[13] A1

[51] **Int.Cl. C12N 15/10 (2006.01) G06F
19/10 (2011.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS OF DEPLETING A
TARGET MOLECULE FROM AN
INITIAL COLLECTION OF
NUCLEIC ACIDS, AND
COMPOSITIONS AND KITS FOR
PRACTICING THE SAME**
[54] **PROCEDES
D'APPAUVRISSMENT D'UN
ENSEMBLE INITIAL D'ACIDES
NUCLEIQUES EN UNE
MOLECULE CIBLE, ET
COMPOSITIONS ET KITS POUR
LA MISE EN ŒUVRE DE CEUX-CI**
[72] FARMER, ANDREW ALAN, US
[72] BETTS, CRAIG, US
[71] TAKARA BIO USA, INC., US
[85] 2016-08-12
[86] 2014-12-23 (PCT/US2014/072293)
[87] (WO2015/122967)
[30] US (61/939,658) 2014-02-13
[30] US (62/040,804) 2014-08-22

[21] **2,939,622**
[13] A1

[51] **Int.Cl. A61M 39/08 (2006.01) B08B
9/027 (2006.01)**
[25] EN
[54] **MEDICAL TUBE CLEARANCE
DEVICE**
[54] **DISPOSITIF DE
DESOBSTRUCTION DE TUBE
MEDICAL**
[72] O'KEEFE, KATHRYN BERNADINE,
US
[72] MCDANIEL, STEPHEN RIDDLE, US
[72] BOYLE, EDWARD M., JR., US
[72] BERES, KENNETH ALLAN, US
[72] BARRA, MATTHEW
CHRISTOPHER, US
[72] URBANIK, THOMAS, US
[72] GAMMON, CHELSEA ANN, US
[72] CHESNIN, KENNETH J., US
[71] CLEARFLOW, INC., US
[85] 2016-08-12
[86] 2015-02-17 (PCT/US2015/016183)
[87] (WO2015/123677)
[30] US (61/940,713) 2014-02-17

[21] **2,939,623**
[13] A1

[51] **Int.Cl. A61K 31/375 (2006.01) A61K
31/05 (2006.01) A61K 31/352
(2006.01)**
[25] EN
[54] **NASAL AND SINUS WASH
COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS ET PROCEDES
POUR LE LAVAGE DU NEZ ET
DES SINUS**
[72] PAUL, BRIAN STANISLAWS, US
[71] PAUL, BRIAN STANISLAWS, US
[85] 2016-08-12
[86] 2015-01-21 (PCT/US2015/012214)
[87] (WO2015/122999)
[30] US (14/181,398) 2014-02-14

[21] **2,939,624**
[13] A1

[51] **Int.Cl. A61M 39/00 (2006.01) B08B
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[25] EN
[54] **MEDICAL TUBE CLEARANCE**
[54] **NETTOYAGE D'UN TUBE
MEDICAL**
[72] O'KEEFE, KATHRYN BERNADINE,
US
[72] MCDANIEL, STEPHEN RIDDLE, US
[72] BOYLE, EDWARD M., JR., US
[72] BERES, KENNETH ALLAN, US
[72] CHESNIN, KENNETH J., US
[71] CLEARFLOW, INC., US
[85] 2016-08-12
[86] 2015-02-17 (PCT/US2015/016195)
[87] (WO2015/123682)
[30] US (61/940,725) 2014-02-17

[21] **2,939,625**
[13] A1

[51] **Int.Cl. C02F 9/04 (2006.01)**
[25] EN
[54] **REMEDIATION AND RECYCLING
OF FRAC WATER AND FLOW
BACK WATER**
[54] **RESTAURATION ET RECYCLAGE
D'EAU DE FRACTURATION ET
D'EAU DE REFLUX**
[72] STANLEY, MARK E., US
[71] THEMARK CORPORATION, US
[85] 2016-08-12
[86] 2015-02-05 (PCT/US2015/014564)
[87] (WO2015/123080)
[30] US (14/180,521) 2014-02-14

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[21] **2,939,626**
[13] A1

[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **COMPLEMENT COMPONENT C5 ANTIBODIES**
[54] **ANTICORPS ANTI-COMPOSANT C5 DE DU SYSTEME DE COMPLEMENT**
[72] BACIU, PETER C., US
[72] LIANG, YANBIN, US
[72] GUU, JASON, US
[72] BERNETT, MATTHEW, US
[72] MUCHHAL, UMESH, US
[72] DESJARLAIS, JOHN, US
[71] ALLERGAN, INC., US
[71] XENCOR, INC., US
[85] 2016-08-12
[86] 2015-02-19 (PCT/US2015/016699)
[87] (WO2015/127134)
[30] US (61/768,374) 2014-02-20
[30] US (61/944,943) 2014-02-26

[21] **2,939,628**
[13] A1

[51] **Int.Cl. A61K 31/353 (2006.01) A61K 9/00 (2006.01) A61K 31/045 (2006.01) A61K 31/355 (2006.01) A61P 17/06 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING DIHYDROQUERCETIN FOR USE IN METHODS FOR TREATING THE EFFECTS ASSOCIATED WITH SKIN INFLAMMATORY DISORDERS**
[54] **COMPOSITIONS COMPRENANT DE LA DIHYDROQUERCETINE, DESTINEES A ETRE UTILISEES DANS DES PROCEDES POUR TRAITER DES EFFETS ASSOCIES A DES TROUBLES INFLAMMATOIRES CUTANES**
[72] AUCLAIR, CHRISTIAN, FR
[71] BIONOOX SUISSE SA, CH
[85] 2016-08-12
[86] 2015-02-18 (PCT/EP2015/053444)
[87] (WO2015/124644)
[30] EP (14155651.4) 2014-02-18

[21] **2,939,629**
[13] A1

[51] **Int.Cl. G01S 15/88 (2006.01) G01S 7/539 (2006.01)**
[25] EN
[54] **METHOD FOR TESTING A WORKPIECE USING ULTRASOUND**
[54] **PROCEDE DE CONTROLE D'UNE PIECE AU MOYEN D'ULTRASONS**
[72] KOBER, FELIX, DE
[72] SCHOLZ, KERSTIN, DE
[72] ZAUS, EDGAR, DE
[71] AREVA GMBH, DE
[85] 2016-08-12
[86] 2015-02-23 (PCT/EP2015/053699)
[87] (WO2015/124762)
[30] DE (10 2014 102 374.9) 2014-02-24

[21] **2,939,630**
[13] A1

[51] **Int.Cl. A46B 13/02 (2006.01)**
[25] EN
[54] **BOLT CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE DE BOULONS**
[72] TAYLOR, GARY HOWARD, US
[71] TAYLOR, GARY HOWARD, US
[85] 2016-08-12
[86] 2015-02-10 (PCT/US2015/015267)
[87] (WO2015/123220)
[30] US (14/181,230) 2014-02-14

[21] **2,939,631**
[13] A1

[51] **Int.Cl. B65D 43/02 (2006.01) B65D 43/08 (2006.01)**
[25] EN
[54] **CONTAINER LID**
[54] **COUVERCLE DE RECIPIENT**
[72] LEE, ALEXANDER TZE FUNG, US
[72] WITT, LARRY S., US
[72] LASKOWSKI, MICHAEL JOHN, US
[72] CHANG, HYUKJAE, US
[72] PENTELOVITCH, NOAH ZIMAN, US
[72] VERNON, RYAN, US
[71] HELEN OF TROY LIMITED, BB
[85] 2016-08-12
[86] 2015-02-23 (PCT/US2015/017064)
[87] (WO2015/134217)
[30] US (14/198,800) 2014-03-06

[21] **2,939,632**
[13] A1

[51] **Int.Cl. A61M 1/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM TO EVACUATE ONE OR MORE DRESSINGS USING TWO OR MORE VACUUM PUMPS**
[54] **PROCEDE ET SYSTEME D'EVACUATION D'UN OU PLUSIEURS PANSEMENTS A L'AIDE DE DEUX OU PLUSIEURS POMPES A VIDE**
[72] SMITH, KENNETH R., US
[72] DEKRUIF, DANIEL W., US
[72] BALL, DAVE E., US
[72] LUCKEMEYER, JAMES A., US
[71] KCI LICENSING, INC., US
[85] 2016-08-12
[86] 2015-02-11 (PCT/US2015/015499)
[87] (WO2015/126702)
[30] US (61/942,140) 2014-02-20

[21] **2,939,633**
[13] A1

[51] **Int.Cl. A61B 5/11 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **ACTIVITY RECOGNITION USING ACCELEROMETER DATA**
[54] **RECONNAISSANCE D'ACTIVITE A L'AIDE DE DONNEES D'ACCELEROMETRE**
[72] LOBNER, ERIC, US
[72] HOWARD, JAMES, US
[72] MOORE, RICHARD, US
[72] SCHUMACHER, JENNIFER, US
[72] STANKIEWICZ, BRIAN, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2016-08-12
[86] 2015-02-12 (PCT/US2015/015534)
[87] (WO2015/123373)
[30] US (61/939,832) 2014-02-14

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[21] **2,939,634**
[13] A1

[51] **Int.Cl. B65D 8/04 (2006.01) B65D 8/14 (2006.01) B65D 45/06 (2006.01)**
[25] EN
[54] **RESEALABLE CONTAINER WITH DETACHABLE BASE**
[54] **CONTENANT REFERMABLE AVEC BASE DETACHABLE**
[72] ROTH, DONNA, US
[72] ROTH, HENRY, US
[72] MASON, JOHN D., US
[71] COOL GEAR INTERNATIONAL, LLC, US
[85] 2016-08-12
[86] 2015-02-23 (PCT/US2015/017128)
[87] (WO2015/127373)
[30] US (61/943,275) 2014-02-21

[21] **2,939,635**
[13] A1

[51] **Int.Cl. A61K 38/10 (2006.01) A61K 38/19 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **ATTENUATION OF INTRAPULMONARY INFLAMMATION**
[54] **ATTENUATION D'UNE INFLAMMATION INTRAPULMONAIRE**
[72] FISCHER, BERNHARD, AT
[71] APEPTICO FORSCHUNG UND ENTWICKLUNG GMBH, AT
[85] 2016-08-12
[86] 2015-03-04 (PCT/EP2015/054493)
[87] (WO2015/132294)
[30] AT (A 50158/2014) 2014-03-04

[21] **2,939,636**
[13] A1

[51] **Int.Cl. C11B 1/10 (2006.01)**
[25] EN
[54] **METHOD OF EXTRACTING LIPIDS FROM MICROBES**
[54] **PROCEDE D'EXTRACTION DE LIPIDES HORS DE MICROORGANISMES**
[72] ERNST, ROBERT, US
[72] GOODLETT, DAVID, US
[72] POWELL, DANIEL, US
[71] UNIVERSITY OF MARYLAND, BALTIMORE, US
[85] 2016-08-12
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[54] **ON-THE-GO TOUCHLESS FINGERPRINT SCANNER**
[54] **LECTEUR D'EMPREINTES DIGITALES SANS CONTACT PORTABLE**
[72] BALCH, MICHAEL KEVIN, US
[72] FOX, STEPHEN HARRIS, US
[72] HARTMAN, RICHARD LEON, US
[72] ROSETTI, NICHOLAS CLARK, US
[71] ADVANCED OPTICAL SYSTEMS, INC., US
[85] 2016-08-12
[86] 2015-02-12 (PCT/US2015/015538)
[87] (WO2015/123374)
[30] US (61/938,748) 2014-02-12
[30] US (62/092,494) 2014-12-16

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[25] EN
[54] **DEVICE AND METHOD FOR DETECTION OF PERIODIC LEG MOVEMENTS**
[54] **DISPOSITIF ET PROCEDE DE DETECTION DE MOUVEMENTS PERIODIQUES DE JAMBE**
[72] ALLEN, RICHARD P., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2016-08-12
[86] 2015-02-12 (PCT/US2015/015556)
[87] (WO2015/123384)
[30] US (61/940,623) 2014-02-17

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[54] **UTI FUSION PROTEINS**
[54] **PROTEINES DE FUSION D'UTI**
[72] CHAMBERLAIN, AARON, US
[72] LIU, QIANG, US
[72] SCHMIDT, MATHIAS, US
[71] TAKEDA GMBH, DE
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2016-08-12
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[30] US (61/943,617) 2014-02-24

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[13] A1

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[25] EN
[54] **MULTIFUNCTIONAL ECM AND HVAC SYSTEM USING SAME**
[54] **ECM MULTIFONCTION ET SYSTEME HVAC L'UTILISANT**
[72] ZHAO, YONG, CN
[72] CHEN, YUNSHENG, CN
[71] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN
[85] 2016-03-22
[86] 2014-02-20 (PCT/CN2014/072290)
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[51] **Int.Cl. G06F 19/28 (2011.01) G06F 3/0486 (2013.01)**
[25] EN
[54] **INTEGRATED CONSUMER GENOMIC SERVICES**
[54] **SERVICES GENOMIQUES AU CONSOMMATEUR INTEGRES**
[72] NELSON, NICHOLAS A., US
[72] DICKINSON, ALEXANDER G., US
[72] BLOOM, KENNETH R., US
[72] COON, SOPHIE I., US
[72] SHERMAN, KENNETH J., US
[72] YOCUM, KENNETH G., US
[72] RHODES, KEVIN P., US
[72] CHADEL, JEROME, US
[72] POSARD, MATTHEW L., US
[71] ILLUMINA, INC., US
[85] 2016-08-12
[86] 2015-02-12 (PCT/US2015/015674)
[87] (WO2015/123444)
[30] US (61/939,695) 2014-02-13
[30] US (62/031,556) 2014-07-31

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[13] A1

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[25] EN
[54] **APPARATUS FOR DETECTING A DIPOLE POSITION MARKER**
[54] **APPAREIL DE DETECTION DE MARQUEUR DE POSITION DE DIPOLE**
[72] PALT, YORAM, IL
[71] PALT, YORAM, IL
[85] 2016-08-12
[86] 2014-08-06 (PCT/IB2014/001479)
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[25] EN
[54] **SYSTEMS, ARTICLES, AND METHODS FOR ELASTIC ELECTRICAL CABLES AND WEARABLE ELECTRONIC DEVICES EMPLOYING SAME**
[54] **SYSTEMES, ARTICLES ET PROCEDES POUR CABLES ELECTRIQUES ELASTIQUES ET DISPOSITIFS ELECTRONIQUES POUVANT ETRE PORTES LES UTILISANT**
[72] BAILEY, MATTHEW, CA
[72] ORZEL, STEPHEN E., CA
[71] THALMIC LABS INC., CA
[85] 2016-08-12
[86] 2015-02-12 (PCT/US2015/015675)
[87] (WO2015/123445)
[30] US (61/940,048) 2014-02-14
[30] US (62/031,651) 2014-07-31

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[25] EN
[54] **PROCESSES FOR PREPARING FUSED HETEROCYCLIC ION CHANNEL MODULATORS**
[54] **PROCEDES DE PREPARATION DE MODULATEURS DES CANAUX IONIQUES HETEROCYCLIQUES CONDENSES**
[72] CHIU, ANNA, US
[72] FENG, YANSHU, CN
[72] GAO, HANRONG, CN
[72] KERSCHEN, JAMES A., US
[72] REICHWEIN, JOHN, US
[72] SARMA, KESHAB, US
[72] THOMPSON, ANDREW S., US
[72] ZHAO, XINJUN, CL
[71] GILEAD SCIENCES, INC., US
[85] 2016-08-12
[86] 2015-02-13 (PCT/US2015/015814)
[87] (WO2015/123519)
[30] CN (201410050699.2) 2014-02-13

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[13] A1

[51] **Int.Cl. A61F 9/007 (2006.01) A61F 9/00 (2006.01)**
[25] EN
[54] **INTRAOCULAR IMPLANT DELIVERY APPARATUS AND METHODS OF USE THEREOF**
[54] **APPAREIL DE POSE D'IMPLANT INTRAOCULAIRE ET SES PROCEDES D'UTILISATION**
[72] NOVAKOVIC, ZORAN, US
[72] BHAGAT, RAHUL, US
[72] DAVIS, SHAWN R., US
[72] MUCIENTES, DAVID, US
[72] ROBINSON, MICHAEL R., US
[72] VOJAN, VACLAV, CZ
[72] STREHL, MICHAEL, DE
[72] MICHAELIS, INA, DE
[72] VOGL, MAXIMILIAN, DE
[72] KREHER, JESSICA, DE
[71] ALLERGAN, INC., US
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE PREVENTION AND/OR TREATMENT OF SCHISTOSOMIASIS**
[54] **COMPOSITIONS ET METHODES POUR PREVENIR ET/OU TRAITER UNE SCHISTOSOMIASE**
[72] HADLEY, KEVIN, US
[72] EL RIDI, RASHIKA, EG
[71] DSM IP ASSETS B.V., NL
[85] 2016-08-12
[86] 2015-02-13 (PCT/US2015/015728)
[87] (WO2015/123480)
[30] US (61/940,041) 2014-02-14

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[13] A1

[51] **Int.Cl. G06Q 40/04 (2012.01) G06Q 40/06 (2012.01)**
[25] EN
[54] **FACILITIES FOR FINANCIAL INSTRUMENTS BASED ON EVENT HAPPENINGS**
[54] **SYSTEMES POUR INSTRUMENTS FINANCIERS SUR LA BASE DE LA SURVENUE D'EVENEMENTS**
[72] LUTNICK, HOWARD W., US
[72] GINSBERG, PHILIP M., US
[71] CFPH, LLC, US
[85] 2016-08-12
[86] 2015-02-13 (PCT/US2015/015859)
[87] (WO2015/123543)
[30] US (61/939,900) 2014-02-14

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[13] A1

[51] **Int.Cl. G01C 21/26 (2006.01) G01N 33/50 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **BRAIN SPECIFIC EXOSOME BASED DIAGNOSTICS AND EXTRACORPOREAL THERAPIES**
[54] **DIAGNOSTICS FONDES SUR DES EXOSOMES SPECIFIQUES DU CERVEAU, ET TRAITEMENTS EXTRACORPORELS**
[72] JOYCE, JAMES, US
[72] TAYLOR, DOUGLAS, US
[72] TAYLOR, CICEK, US
[71] EXOSOME SCIENCES, INC., US
[85] 2016-08-12
[86] 2015-02-26 (PCT/US2015/017800)
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[30] US (61/946,606) 2014-02-28
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[13] A1

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[25] EN
[54] **DELAY COORDINATE ANALYSIS OF PERIODIC DATA**
[54] **ANALYSE EN COORDONNEES DE RETARD DE DONNEES PERIODIQUES**
[72] ASTON, PHILIP, GB
[72] CHRISTIE, MARK, GB
[72] NANDI, MANASI, GB
[71] UNIVERSITY OF SURREY, GB
[71] KING'S COLLEGE LONDON, GB
[85] 2016-08-12
[86] 2015-02-16 (PCT/GB2015/050429)
[87] (WO2015/121679)
[30] GB (1402680.1) 2014-02-14

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[13] A1

[51] **Int.Cl. H04B 10/50 (2013.01)**
[25] EN
[54] **MODULAR ELECTRONICS SYSTEM WITH INTERFACING INTERCHANGEABLE COMPONENTS**
[54] **SYSTEME ELECTRONIQUE MODULAIRE COMPORTANT DES COMPOSANTS INTERCHANGEABLES D'INTERFACAGE**
[72] DEROS, YANI, US
[71] DEROS, YANI, US
[85] 2016-08-12
[86] 2015-02-14 (PCT/US2015/015983)
[87] (WO2015/123619)
[30] US (61/940,160) 2014-02-14

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[51] **Int.Cl. A61K 31/535 (2006.01) A61K 31/165 (2006.01) A61P 25/14 (2006.01) A61P 25/28 (2006.01) C07C 251/28 (2006.01) C07D 265/06 (2006.01)**
[25] EN
[54] **MODULATORS OF CASPASE-6**
[54] **MODULATEURS DE CASPASE 6**
[72] KHANKISCHPUR, MEDHI MIKE, DE
[72] PETINA, OLGA, DE
[72] GEFFKEN, DETLEF, DE
[72] ERNHOFER, DAGMAR, CA
[72] HAYDEN, MICHAEL, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[71] UNIVERSITAT HAMBURG, DE
[85] 2016-08-12
[86] 2015-02-14 (PCT/IB2015/000144)
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[30] US (62/033,401) 2014-08-05
[30] US (61/939,922) 2014-02-14

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[13] A1

[51] **Int.Cl. E21B 19/16 (2006.01) E21B 33/035 (2006.01) E21B 33/038 (2006.01) E21B 33/064 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SUBSEA HOSE REPLACEMENT**
[54] **PROCEDE ET APPAREIL POUR REMPLACEMENT DE TUYAU SOUPLE SOUS-MARIN**
[72] ARYA, HARINDER SINGH, US
[71] TRANSOCEAN SEDCO FOREX VENTURES LIMITED, KY
[85] 2016-08-12
[86] 2015-02-16 (PCT/US2015/016013)
[87] (WO2015/126776)
[30] US (61/941,356) 2014-02-18

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[13] A1

[51] **Int.Cl. B21C 25/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR EXTRUDING TUBES**
[54] **SYSTEMES ET PROCEDES D'EXTRUSION DE TUBES**
[72] SCHULTZ, ROBERT W., US
[72] DAIL, GERRY J., US
[72] ROADMAN, RONALD EUGENE, US
[72] BORGES, AL, US
[71] SCHULTZ, ROBERT W., US
[71] DAIL, GERRY J., US
[71] ROADMAN, RONALD EUGENE, US
[71] BORGES, AL, US
[85] 2016-08-11
[86] 2015-02-11 (PCT/US2015/015396)
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[30] US (61/938,349) 2014-02-11

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[13] A1

[51] **Int.Cl. A61K 9/107 (2006.01) B82Y 5/00 (2011.01) A61K 47/10 (2006.01) A61K 47/44 (2006.01) B82B 3/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS OF NANOEMULSION DELIVERY SYSTEMS**
[54] **COMPOSITIONS DE SYSTEMES DE DISTRIBUTION DE NANO-EMULSION**
[72] HUANG, JINGJUN, US
[71] HUANG, JINGJUN, US
[85] 2016-08-12
[86] 2015-02-16 (PCT/US2015/016035)
[87] (WO2015/123631)
[30] US (61/939,965) 2014-02-14
[30] US (14/623,150) 2015-02-16

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[13] A1

[51] **Int.Cl. A61B 17/70 (2006.01) A61B 17/80 (2006.01) A61F 2/44 (2006.01)**
[25] EN
[54] **CONNECTOR FOR SPINAL IMPLANT SYSTEM**
[54] **CONNECTEUR POUR SYSTEME D'IMPLANT RACHIDIEN**
[72] FITZPATRICK, NOEL, GB
[71] FITZBIONICS LIMITED, GB
[85] 2016-08-12
[86] 2015-02-27 (PCT/GB2015/050570)
[87] (WO2015/128664)
[30] GB (1403756.8) 2014-02-28

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[13] A1

[51] **Int.Cl. H04L 1/18 (2006.01)**
[25] EN
[54] **HARQ FRAME DATA STRUCTURE AND METHOD OF TRANSMITTING AND RECEIVING WITH HARQ IN SYSTEMS USING BLIND DETECTION**
[54] **STRUCTURE DE DONNEES POUR TRAMES HARQ ET PROCEDE D'EMISSION ET DE RECEPTION AVEC HARQ DANS DES SYSTEMES UTILISANT UNE DETECTION EN AVEUGLE**
[72] DJUKIC, PETAR, CA
[72] NIKOPOUR, HOSEIN, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-08-15
[86] 2015-02-13 (PCT/CN2015/073034)
[87] (WO2015/124089)
[30] US (14/183,219) 2014-02-18

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[13] A1

[51] **Int.Cl. B42D 15/02 (2006.01)**
[25] FR
[54] **DOCUMENT PROVIDED WITH A DEVICE FOR SECURING CONFIDENTIAL INFORMATION MENTIONED IN THE DOCUMENT AND METHOD FOR IMPLEMENTING SUCH A DEVICE**
[54] **DOCUMENT POURVU D'UN DISPOSITIF DE SECURISATION D'UNE INFORMATION CONFIDENTIELLE MENTIONNEE DANS LE DOCUMENT ET PROCEDE DE MISE EN OEUVRE D'UN TEL DISPOSITIF**
[72] KOVACEVITCH, MICHEL, AE
[71] KOVACEVITCH, MICHEL, AE
[85] 2016-08-11
[86] 2014-03-31 (PCT/IB2014/000475)
[87] (WO2015/150849)

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[13] A1

[51] **Int.Cl. G02F 1/13 (2006.01) G02F 1/133 (2006.01) G09G 3/36 (2006.01)**
[25] EN
[54] **ELECTRICALLY-TUNABLE LENSES AND LENS SYSTEMS**
[54] **LENTILLES A REGLAGE ELECTRIQUE ET SYSTEMES DE LENTILLE**
[72] YADIN, YOAV, IL
[72] HADDAD, YARIV, IL
[72] ALON, ALEX, IL
[71] OPTICA AMUKA (A.A.) LTD., IL
[85] 2016-08-12
[86] 2015-03-11 (PCT/IB2015/051766)
[87] (WO2015/136458)
[30] US (61/952,226) 2014-03-13
[30] US (61/969,190) 2014-03-23
[30] US (61/972,445) 2014-03-31

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[13] A1

[51] **Int.Cl. A61M 5/00 (2006.01) A61M 25/02 (2006.01)**
[25] EN
[54] **SKIN INTERFACE DEVICE HAVING A SKIN ATTACHMENT DEVICE AND METHOD TO IMPLANT SAME**
[54] **DISPOSITIF FORMANT INTERFACE CUTANEE DOTE D'UN DISPOSITIF DE FIXATION A LA PEAU ET PROCEDE D'IMPLANTATION CORRESPONDANT**
[72] NOVACK, BRIAN H., US
[71] NUPULSE, INC., US
[85] 2016-08-12
[86] 2015-03-16 (PCT/US2015/020803)
[87] (WO2015/142753)
[30] US (61/953,880) 2014-03-16

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[13] A1

[51] **Int.Cl. G06Q 30/08 (2012.01) G06Q 50/08 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR THE CREATION, SUBMISSION AND EVALUATION OF CONSTRUCTION BID PACKAGES**
[54] **PROCEDES ET SYSTEMES DESTINES A LA CREATION, LA SOUMISSION ET L'EVALUATION DE DOSSIERS D'APPELS D'OFFRES DE CONSTRUCTION**
[72] ALLIN, PATRICK J., US
[72] KHADIR, MATEEN, US
[72] TURRINELLI, FRANCO, US
[71] TEXTURA CORPORATION, US
[85] 2016-08-12
[86] 2015-02-27 (PCT/US2015/018106)
[87] (WO2015/131103)
[30] US (61/946,155) 2014-02-28

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[13] A1

[51] **Int.Cl. B66D 1/12 (2006.01)**
[25] EN
[54] **LOW INERTIA DIRECT DRIVE DRAWWORKS**
[54] **TREUIL DE FORAGE A ENTRAINEMENT DIRECT A FAIBLE INERTIE**
[72] PACE, GARY, US
[72] WILLIAMS, KEVIN R., US
[72] GARAGHTY, JAMES, US
[72] ELLIS, BRIAN, US
[71] CANRIG DRILLING TECHNOLOGY LTD., US
[85] 2016-08-12
[86] 2015-03-13 (PCT/US2015/020337)
[87] (WO2015/138833)
[30] US (61/952,478) 2014-03-13

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[13] A1

[51] **Int.Cl. A47J 31/46 (2006.01)**
[25] EN
[54] **MACHINE FOR PREPARING LIQUID PRODUCTS, IN PARTICULAR VIA CAPSULES**
[54] **MACHINE POUR LA PREPARATION DE PRODUITS LIQUIDES, EN PARTICULIER AU MOYEN DE CAPSULES**
[72] BOLOGNESE, DANILO, IT
[72] CABILLI, ALBERTO, IT
[72] ROTTA, DENIS, IT
[72] BUGNANO, LUCA, IT
[71] LUIGI LAVAZZA S.P.A., IT
[85] 2016-08-12
[86] 2015-03-16 (PCT/IB2015/051897)
[87] (WO2015/140686)
[30] IT (TO2014A000226) 2014-03-19

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[13] A1

[51] **Int.Cl. B63B 27/04 (2006.01) B67D 7/00 (2010.01) B67D 9/00 (2010.01) B64D 39/06 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR ESTABLISHING A TEMPORARY CONNECTION BETWEEN TWO MOVABLE OBJECTS**
[54] **DISPOSITIF ET PROCEDE PERMETTANT D'ETABLIR UNE CONNEXION TEMPORAIRE**
[72] SOMMARSTROM, MATS, SE
[71] CELECTIVE SOURCE AB, SE
[85] 2016-08-12
[86] 2015-02-20 (PCT/SE2015/050197)
[87] (WO2015/126320)
[30] SE (1450210-8) 2014-02-21

[21] **2,939,680**
[13] A1

[51] **Int.Cl. A23G 9/12 (2006.01)**
[25] FR
[54] **THERMOREGULATED DEVICE FOR MODIFYING THE CONSISTENCY OF A COMPOSITION AND METHOD FOR OPERATING THE DEVICE**
[54] **DISPOSITIF THERMOREGULE DESTINE A MODIFIER LA CONSISTANCE D'UNE COMPOSITION ET PROCEDE DE MISE EN OEUVRE DU DISPOSITIF**
[72] JUNOD, FLORENT, FR
[72] NAVARRO, THIERRY, CH
[71] CEDRA S.A., CH
[85] 2016-08-12
[86] 2015-02-11 (PCT/IB2015/000138)
[87] (WO2015/121736)
[30] IB (PCT/IB2014/000163) 2014-02-14
[30] IB (PCT/IB2014/001816) 2014-09-12
[30] IB (PCT/IB2014/001918) 2014-09-25
[30] IB (PCT/IB2014/002056) 2014-10-08

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[13] A1

[51] **Int.Cl. A61N 2/00 (2006.01) A61B 5/05 (2006.01) A61B 5/055 (2006.01)**
[25] EN
[54] **INTRACEREBRAL CURRENT SIMULATION METHOD AND DEVICE THEREOF, AND TRANSCRANIAL MAGNETIC STIMULATION SYSTEM INCLUDING INTRACEREBRAL CURRENT SIMULATION DEVICE**
[54] **METHODE DE SIMULATION DE COURANT INTRACEREBRAL ET DISPOSITIF ASSOCIE, ET SYSTEME DE STIMULATION MAGNETIQUE TRANSCRANIENNE COMPRENANT LEDIT DISPOSITIF DE SIMULATION DE COURANT INTRACEREBRAL**
[72] SAITOH, YUICHI, JP
[72] SEKINO, MASAKI, JP
[72] TAKIYAMA, YOSHIHIRO, JP
[72] YAMAMOTO, KEITA, JP
[71] THE UNIVERSITY OF TOKYO, JP
[71] OSAKA UNIVERSITY, JP
[85] 2016-08-12
[86] 2015-02-06 (PCT/JP2015/053390)
[87] (WO2015/122369)
[30] JP (2014-026927) 2014-02-14

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[13] A1

[51] **Int.Cl. F16B 19/00 (2006.01) F16B 12/12 (2006.01) F16B 21/08 (2006.01)**
[25] EN
[54] **PUSH FASTENER**
[54] **DISPOSITIF DE FIXATION A POUSSEE**
[72] KOELLING, BRYAN, US
[71] LOCKDOWEL, INC., US
[85] 2016-08-01
[86] 2015-02-03 (PCT/US2015/014331)
[87] (WO2015/117160)
[30] US (61/935,328) 2014-02-03

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[13] A1

[51] **Int.Cl. C07D 231/50 (2006.01) A61K 31/4152 (2006.01) A61K 31/4155 (2006.01) A61K 31/423 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/4709 (2006.01) A61K 31/5377 (2006.01) A61K 31/538 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 413/12 (2006.01)**
[25] EN
[54] **AMINOPYRAZOLONE DERIVATIVE**
[54] **DERIVE DE L'AMINOPYRAZOLONE**
[72] EBISAWA, MASAYUKI, JP
[72] SUZUKI, TAKASHI, JP
[72] HAGINOYA, NORIYASU, JP
[72] HAMADA, TOMOAKI, JP
[72] MURATA, TAKESHI, JP
[72] UOTO, KOUICHI, JP
[72] MURAKAMI, RYO, JP
[72] TAKATA, TAKEHIKO, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2016-08-12
[86] 2015-02-17 (PCT/JP2015/054318)
[87] (WO2015/125786)
[30] JP (2014-028990) 2014-02-18

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[21] **2,939,688**
[13] A1

[51] **Int.Cl. E21B 19/02 (2006.01) E21B 19/08 (2006.01)**

[25] EN

[54] **TRANSFER SLEEVE FOR COMPLETIONS LANDING SYSTEMS**

[54] **MANCHON DE TRANSFERT POUR SYSTEMES D'ANCRAGE DE COMPLETION**

[72] SMITH, LOGAN E., US

[72] ANGELLE, JEREMY R., US

[71] FRANK'S INTERNATIONAL, LLC, US

[85] 2016-08-15

[86] 2015-02-12 (PCT/US2015/015642)

[87] (WO2015/126727)

[30] US (14/184,956) 2014-02-20

[21] **2,939,689**
[13] A1

[51] **Int.Cl. F03D 15/00 (2016.01) F03D 3/00 (2006.01) F16H 37/08 (2006.01) H02K 7/18 (2006.01)**

[25] EN

[54] **TURBINE ENERGY DEVICE**

[54] **DISPOSITIF A ENERGIE DE TURBINE**

[72] EZOORY, DORON E., IL

[71] EZOORY, DORON E., IL

[85] 2016-08-12

[86] 2015-02-11 (PCT/IL2015/050154)

[87] (WO2015/121857)

[30] IL (230934) 2014-02-12

[21] **2,939,692**
[13] A1

[51] **Int.Cl. C40B 30/04 (2006.01) G01N 33/00 (2006.01) G01N 33/566 (2006.01)**

[25] EN

[54] **BLOOD BIOMARKERS THAT PREDICT PERSISTENT COGNITIVE DYSFUNCTION AFTER CONCUSSION**

[54] **BIOMARQUEURS SANGUINS PREDISANT LA PERSISTANCE D'UN DYSFONCTIONNEMENT COGNITIF APRES COMMOTION**

[72] SIMAN, ROBERT, US

[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US

[85] 2016-08-15

[86] 2014-03-14 (PCT/US2014/027716)

[87] (WO2014/152773)

[30] US (61/792,420) 2013-03-15

[21] **2,939,693**
[13] A1

[51] **Int.Cl. G01V 3/16 (2006.01) H01R 24/58 (2011.01) B64D 3/00 (2006.01) G09F 21/12 (2006.01)**

[25] FR

[54] **AIRBORNE PLATFORM FOR AIRCRAFT, COMPRISING ATTITUDE CORRECTING MEANS, AND ASSOCIATED TOW HITCH ASSEMBLY**

[54] **PLATEFORME AEROPORTEE POUR AERONEF COMPORTANT DES MOYENS CORRECTEURS D'ASSIETTE ET ATTELAGE ASSOCIE**

[72] GIORDANA, ALEXIS, FR

[71] ACTION COMMUNICATION, FR

[85] 2016-08-15

[86] 2014-02-28 (PCT/FR2014/050452)

[87] (WO2015/189483)

[21] **2,939,694**
[13] A1

[51] **Int.Cl. G01N 33/573 (2006.01) A61B 5/00 (2006.01) A61N 5/10 (2006.01) G01N 21/25 (2006.01) G01N 33/50 (2006.01) G01N 33/68 (2006.01)**

[25] FR

[54] **PREDICTIVE METHOD OF CHARACTERIZING THE RADIOSENSITIVITY AND TISSULAR REACTION OF A PATIENT TO THERAPEUTIC IONIZING RADIATION**

[54] **METHODE PREDICTIVE POUR CARACTERISER LA RADIOSENSIBILITE ET LA REACTION TISSULAIRE D'UN PATIENT ENVERS UN RAYONNEMENT IONISANT THERAPEUTIQUE**

[72] FORAY, NICOLAS, FR

[72] GRANZOTTO, ADELIN, FR

[72] DEVIC, CLEMENT, FR

[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR

[71] CENTRE LEON BERARD, FR

[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR

[85] 2016-08-15

[86] 2015-02-16 (PCT/FR2015/050365)

[87] (WO2015/121596)

[30] FR (1451215) 2014-02-17

[30] FR (1451216) 2014-02-17

[30] FR (1402282) 2014-10-10

[30] FR (1402281) 2014-10-10

[21] **2,939,695**
[13] A1

[51] **Int.Cl. E21B 19/02 (2006.01) E21B 19/06 (2006.01)**

[25] EN

[54] **DRILL PIPE AND CASING ELEVATOR**

[54] **TIGE DE FORAGE ET ELEVATEUR DE TUBAGE**

[72] ANGELLE, JEREMY R., US

[72] THIBODEAUX, ROBERT L., US

[72] FONTENOT, JAMES, US

[72] CHU, JACOB, US

[71] FRANK'S INTERNATIONAL, LLC, US

[85] 2016-08-15

[86] 2015-02-12 (PCT/US2015/015714)

[87] (WO2015/130480)

[30] US (14/192,344) 2014-02-27

[21] **2,939,698**
[13] A1

[51] **Int.Cl. C12P 17/12 (2006.01) A61K 31/445 (2006.01)**

[25] EN

[54] **MICROBIOLOGICAL PROCESS**

[54] **PROCEDE MICROBIOLOGIQUE**

[72] ALVAREZ-RUIZ, EMILIO, ES

[72] COLLIS, ANDREW JOHN, GB

[72] DANN, ALISON SARAH, GB

[72] FOSBERRY, ANDREW PETER, GB

[72] READY, SARAH JANE, GB

[72] VAZQUEZ MUNIZ, MARIA JESUS, ES

[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB

[85] 2016-08-15

[86] 2015-02-17 (PCT/EP2015/053282)

[87] (WO2015/121488)

[30] EP (14382054.6) 2014-02-17

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[21] **2,939,700**
[13] A1

[51] **Int.Cl. G01N 33/573 (2006.01) A61B 5/00 (2006.01) A61N 5/10 (2006.01) G01N 21/25 (2006.01) G01N 33/50 (2006.01) G01N 33/68 (2006.01)**

[25] FR

[54] **PREDICTIVE METHOD FOR DETERMINING TISSUAL RADIOSENSITIVITY**

[54] **METHODE PREDICTIVE POUR DETERMINER LA RADIOSENSIBILITE TISSULAIRE**

[72] FORAY, NICOLAS, FR

[72] GRANZOTTO, ADELINE, FR

[72] DEVIC, CLEMENT, FR

[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR

[71] CENTRE LEON BERARD, FR

[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR

[85] 2016-08-15

[86] 2015-02-16 (PCT/FR2015/050370)

[87] (WO2015/121597)

[30] FR (1451216) 2014-02-17

[30] FR (1451215) 2014-02-17

[30] FR (1402281) 2014-10-10

[30] FR (1402282) 2014-10-10

[21] **2,939,702**
[13] A1

[51] **Int.Cl. G02B 6/44 (2006.01)**

[25] EN

[54] **VARIABLE LAY STRANDING**

[54] **CABLAGE A PAS VARIABLE**

[72] LOGAN, ERIC RAYMOND, US

[72] SEDDON, DAVID ALAN, US

[71] CORNING OPTICAL COMMUNICATIONS LLC, US

[85] 2016-08-15

[86] 2015-02-12 (PCT/US2015/015615)

[87] (WO2015/123415)

[30] US (61/940,569) 2014-02-17

[21] **2,939,708**
[13] A1

[51] **Int.Cl. G06K 15/02 (2006.01) B42D 15/00 (2006.01) G06K 5/00 (2006.01) G07D 7/00 (2016.01)**

[25] EN

[54] **NEGOTIABLE INSTRUMENT WITH DUAL-SIDED VARIABLE PRINTING**

[54] **INSTRUMENT NEGOCIABLE A IMPRESSION VARIABLE A DOUBLE FACE**

[72] MAGNUS, PHILIP, US

[72] SANCHEZ, LUIS, US

[72] EBREY, RICHARD, US

[72] HARTLAGE, DANIEL, US

[72] MERICLE, ERIK, US

[72] CASTILLEJA, DANIEL, US

[71] HARLAND CLARKE CORP., US

[85] 2016-08-22

[86] 2015-08-12 (PCT/US2015/044819)

[87] (WO2016/025577)

[30] US (14/458,142) 2014-08-12

[21] **2,939,711**
[13] A1

[51] **Int.Cl. A61K 35/14 (2015.01) C12N 5/0783 (2010.01) C07K 14/725 (2006.01)**

[25] EN

[54] **METHOD FOR IN SITU INHIBITION OF REGULATORY T CELLS**

[54] **PROCEDE D'INHIBITION IN SITU DE CELLULES T REGULATRICES**

[72] POIROT, LAURENT, FR

[72] DUCHATEAU, PHILIPPE, FR

[71] CELLECTIS, FR

[85] 2016-08-15

[86] 2015-02-20 (PCT/EP2015/053592)

[87] (WO2015/124715)

[30] DK (PA201470088) 2014-02-21

[21] **2,939,715**
[13] A1

[51] **Int.Cl. C08J 5/18 (2006.01) A61J 1/00 (2006.01) A61J 1/05 (2006.01)**

[25] EN

[54] **FILM FOR LIQUID PACKAGING CONTAINERS AND LIQUID PACKAGING CONTAINER**

[54] **FILM POUR RECIPIENTS D'EMBALLAGE DE LIQUIDE ET RECIPIENT D'EMBALLAGE DE LIQUIDE**

[72] NOJIMA, YUSUKE, JP

[72] TANAKA, YUSUKE, JP

[72] JOGO, YOSUKE, JP

[72] OSHITA, SHINYA, JP

[71] KURARAY CO., LTD., JP

[85] 2016-08-12

[86] 2015-09-03 (PCT/JP2015/075135)

[87] (WO2016/039257)

[30] JP (2014-182072) 2014-09-08

[30] JP (2015-028536) 2015-02-17

[21] **2,939,718**
[13] A1

[51] **Int.Cl. E04C 3/12 (2006.01) E04B 1/58 (2006.01)**

[25] EN

[54] **GLUED BEAM, FASTENING ANCHOR FOR THE GLUED BEAM, AND JOINT CONNECTION OF GLUED BEAMS**

[54] **POUTRE EN LAMELLE-COLLE, ANCRAGE POUR FIXATION A UNE POUTRE EN LAMELLE-COLLE, ET UNITE DE CONNEXION DE POUTRES EN LAMELLE-COLLE**

[72] EMELIANOV, ALEXANDR NIKOLAEVICH, RU

[72] EMELIANOVA, EKATERINA ALEKSANDROVNA, RU

[71] EMELIANOV, ALEXANDR NIKOLAEVICH, RU

[71] EMELIANOVA, EKATERINA ALEKSANDROVNA, RU

[85] 2016-08-12

[86] 2014-07-09 (PCT/RU2014/000507)

[87] (WO2015/147692)

[30] RU (2014111631) 2014-03-26

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[21] **2,939,720**
[13] A1

[51] **Int.Cl. B22D 41/32 (2006.01) B22D 11/10 (2006.01) C04B 35/103 (2006.01)**

[25] EN

[54] **REFRACTORY FOR STEEL CASTING, PLATE FOR SLIDING NOZZLE DEVICE, AND METHOD FOR PRODUCING REFRACTORY FOR STEEL CASTING**

[54] **REFRACTAIRE POUR COULEE D'ACIER, PLAQUE POUR DISPOSITIF DE BUSE COULISSANT, ET PROCEDE DE PRODUCTION DE REFRACTAIRE POUR COULEE D'ACIER**

[72] MAKINO, TARO, JP
[72] ITO, KAZUO, JP
[72] AKAMINE, KEIICHIRO, JP
[71] KROSAKIHARIMA CORPORATION, JP

[85] 2016-08-12
[86] 2015-02-25 (PCT/JP2015/055388)
[87] (WO2015/129745)
[30] JP (2014-039084) 2014-02-28

[21] **2,939,721**
[13] A1

[51] **Int.Cl. H02J 7/02 (2016.01) H01M 2/02 (2006.01)**

[25] EN

[54] **A PORTABLE CHARGING DEVICE**

[54] **DISPOSITIF DE CHARGE PORTABLE**

[72] KLJAJIC, STEPHANE, AU
[71] GLOBAL SHOPPING NETWORK PTY LTD, AU

[85] 2016-08-15
[86] 2014-02-24 (PCT/AU2014/000163)
[87] (WO2014/127428)
[30] AU (2013100194) 2013-02-22

[21] **2,939,722**
[13] A1

[51] **Int.Cl. A61L 2/10 (2006.01) A62D 3/176 (2007.01) A61L 2/24 (2006.01) E06B 5/10 (2006.01)**

[25] EN

[54] **ROOM DECONTAMINATION SYSTEM, METHOD AND CONTROLLER**

[54] **SYSTEME, PROCEDE ET DISPOSITIF DE COMMANDE DE DECONTAMINATION DE PIECE**

[72] BRAIS, NORMAND, CA
[72] DESPATS PAQUETTE, BENOIT, CA
[72] DAME, JOCELYN, CA
[71] SANUVOX TECHNOLOGIES INC., CA

[85] 2016-08-15
[86] 2015-05-05 (PCT/CA2015/050388)
[87] (WO2015/168783)
[30] CA (PCT/CA2014/050424) 2014-05-05

[21] **2,939,731**
[13] A1

[51] **Int.Cl. E21B 19/00 (2006.01) E21B 7/04 (2006.01) E21B 17/00 (2006.01) E21B 19/06 (2006.01) E21B 19/15 (2006.01) E21B 19/20 (2006.01)**

[25] EN

[54] **BORING AND DRILLING SYSTEM FOR DIAMOND DRILLING**

[54] **SYSTEME DE PERFORATION ET DE FORAGE POUR PERFORATION AU DIAMANT**

[72] FIERRO AHUMADA, EUGENIO ALFONSO, CL
[72] ROJAS RAMIREZ, CRISTIAN ADRIAN, CL
[72] ZUNIGA CASTRO, RODRIGO ANDRES, CL
[71] MAESTRANZA MINING PARTS LTDA., CL

[85] 2016-08-15
[86] 2015-02-13 (PCT/CL2015/050005)
[87] (WO2015/120566)
[30] CL (375-2014) 2014-02-14

[21] **2,939,734**
[13] A1

[51] **Int.Cl. F41A 33/06 (2006.01) F41B 11/62 (2013.01) F41B 11/72 (2013.01) F41A 33/00 (2006.01)**

[25] EN

[54] **CONVERSION OF A FIREARM TO A FIREARM SIMULATOR**

[54] **CONVERSION D'UNE ARME A FEU EN UN SIMULATEUR D'ARME A FEU**

[72] DVORAK, VOJTECH, CZ
[71] DVORAK, VOJTECH, CZ

[85] 2016-08-15
[86] 2015-01-26 (PCT/CZ2015/000008)
[87] (WO2015/120826)
[30] US (61/939,273) 2014-02-13
[30] US (14480635) 2014-09-09

[21] **2,939,736**
[13] A1

[51] **Int.Cl. F28D 20/00 (2006.01) F24H 4/00 (2006.01) F24H 7/02 (2006.01) F25B 30/00 (2006.01) F28D 20/02 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR CHARGING A STRATIFIED THERMAL ENERGY STORE**

[54] **PROCEDE ET DISPOSITIF POUR CHARGER UN ACCUMULATEUR EN COUCHES THERMIQUE**

[72] LENK, UWE, DE
[72] REISSNER, FLORIAN, DE
[72] SCHAFFER, JOCHEN, DE
[72] TREMEL, ALEXANDER, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE

[85] 2016-08-15
[86] 2015-01-21 (PCT/EP2015/051130)
[87] (WO2015/121039)
[30] DE (10 2014 202 849.3) 2014-02-17

[21] **2,939,737**
[13] A1

[51] **Int.Cl. F16K 27/04 (2006.01) E03C 1/042 (2006.01) F16K 11/078 (2006.01)**

[25] EN

[54] **SANITARY FITTING**

[54] **ROBINETTERIE SANITAIRE**

[72] LANGE, LUTZ, DE
[71] FLUHS DREHTECHNIK GMBH, DE

[85] 2016-08-15
[86] 2015-01-26 (PCT/EP2015/051474)
[87] (WO2015/135675)
[30] DE (20 2014 101 116.1) 2014-03-12

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[21] **2,939,738**
[13] A1

[51] **Int.Cl. G10L 19/07 (2013.01)**
[25] EN
[54] **CONCEPT FOR ENCODING OF INFORMATION**
[54] **CONCEPT DESTINE AU CODAGE D'INFORMATIONS**
[72] BACKSTROM, TOM, DE
[72] FISCHER PEDERSEN, CHRISTIAN, DE
[72] FISCHER, JOHANNES, DE
[72] HUTTENBERGER, MATTHIAS, DE
[72] PINO, ALFONSO, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-08-15
[86] 2015-02-09 (PCT/EP2015/052634)
[87] (WO2015/132048)
[30] EP (14158396.3) 2014-03-07
[30] EP (14178789.5) 2014-07-28

[21] **2,939,741**
[13] A1

[51] **Int.Cl. A61F 2/82 (2013.01) A61F 2/95 (2013.01) A61F 2/24 (2006.01)**
[25] EN
[54] **STENT WITH MECHANICAL OR BIOLOGICAL HEART VALVE FOR MINIMALLY INVASIVE VALVE REPLACEMENT PROCEDURE, AND APPLICATOR**
[54] **STENT AVEC VALVULE CARDIAQUE MECANIQUE OU BIOLOGIQUE POUR PROCEDE D'ECHANGE VALVULAIRE MINI-INVASIF, ET DISPOSITIF DE MISE EN PLACE**
[72] NEVES FILHO, ANTONIO FRANCISCO, BR
[71] NEVES FILHO, ANTONIO FRANCISCO, BR
[85] 2016-08-10
[86] 2015-02-27 (PCT/BR2015/050024)
[87] (WO2015/135050)
[30] BR (BR102014006114-2) 2014-03-14

[21] **2,939,748**
[13] A1

[51] **Int.Cl. C08K 5/523 (2006.01) C08K 5/5393 (2006.01) C08L 23/00 (2006.01)**
[25] EN
[54] **3-PHENYL-BENZOFURAN-2-ONE DERIVATIVES CONTAINING PHOSPHORUS AS STABILIZERS**
[54] **DERIVES DE 3-PHENYL-BENZOFURAN-2-ONE CONTENANT DU PHOSPHORE EN TANT QUE STABILISANTS**
[72] HOLZL, WERNER, FR
[72] ROTZINGER, BRUNO, CH
[72] SCHONING, KAI-UWE, CH
[72] KING, ROSWELL EASTON, US
[71] BASF SE, DE
[85] 2016-08-15
[86] 2015-02-13 (PCT/EP2015/053153)
[87] (WO2015/121445)
[30] EP (14155326.3) 2014-02-17

[21] **2,939,749**
[13] A1

[51] **Int.Cl. A61J 9/04 (2006.01)**
[25] EN
[54] **VENTED LIQUID CONTAINER**
[54] **RECIPIENT DE LIQUIDE A EVENT**
[72] BERKOVITCH, AMIKAM, IL
[71] T.T.Y. GENERAL TRADE LINES LTD., IL
[85] 2016-08-15
[86] 2015-02-16 (PCT/IL2015/050171)
[87] (WO2015/121865)
[30] US (61/940,440) 2014-02-16

[21] **2,939,750**
[13] A1

[51] **Int.Cl. A23C 3/00 (2006.01)**
[25] EN
[54] **AUTOMATED ON DEMAND BAKING SYSTEM**
[54] **SYSTEME DE CUISSON SUR DEMANDE AUTOMATISE**
[72] MARCO, DORON, IL
[72] CARASSO, AYELET, IL
[71] WHITE INNOVATION D.M 2012 LTD., IL
[85] 2016-08-15
[86] 2015-02-17 (PCT/IL2015/050182)
[87] (WO2015/121871)
[30] US (61/940,516) 2014-02-17
[30] US (14/208,670) 2014-03-13

[21] **2,939,752**
[13] A1

[51] **Int.Cl. E02F 9/28 (2006.01) E02F 3/40 (2006.01)**
[25] EN
[54] **SHROUD RETENTION SYSTEM HAVING REPLACEABLE LUG INSERT**
[54] **SYSTEME DE RETENUE DE CARENAGE A PIECE RAPPORTEE A PATTES REMPLACABLE**
[72] KUNZ, PHILLIP JOHN, US
[71] CATERPILLAR INC., US
[85] 2016-08-15
[86] 2015-02-05 (PCT/US2015/014602)
[87] (WO2015/130443)
[30] US (14/193,125) 2014-02-28

[21] **2,939,753**
[13] A1

[51] **Int.Cl. G06K 9/32 (2006.01) G06F 3/00 (2006.01) G06K 9/62 (2006.01)**
[25] EN
[54] **IMAGE ACQUISITION USING A LEVEL-INDICATION ICON**
[54] **ACQUISITION D'IMAGE EN UTILISANT UNE ICONE D'INDICATION DE NIVEAU**
[72] LEE, SAMMY, US
[72] PARIANTE, GRACE, US
[72] KRIVOPALTSEV, EUGENE, US
[72] MADDIKA, SREENEEL K., US
[72] BRAY, BOBBY G., JR., US
[72] FIRSTENBERGER, ANDREW B., US
[71] INTUIT INC., US
[85] 2016-08-15
[86] 2014-06-24 (PCT/US2014/043884)
[87] (WO2015/160372)
[30] US (14/252,675) 2014-04-14

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[21] **2,939,755**
[13] A1

[51] **Int.Cl. B01D 53/04 (2006.01) B01D 53/047 (2006.01) B01J 20/26 (2006.01) B01J 20/30 (2006.01) C10L 3/10 (2006.01)**

[25] EN

[54] **METHOD FOR REGENERATING ADSORBENT MEDIA USED FOR EXTRACTING NATURAL GAS LIQUIDS FROM NATURAL GAS**

[54] **PROCEDE DE REGENERATION DE MILIEU ADSORBANT UTILISE POUR EXTRAIRE DES LIQUIDES DE GAZ NATUREL DU GAZ NATUREL**

[72] MATTEUCCI, SCOTT T., US
[72] GOLTZ, H. ROBERT, US
[72] BADHWAR, AJAY N., US
[72] SHURGOTT, NICHOLAS J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US

[85] 2016-08-15
[86] 2014-08-05 (PCT/US2014/049777)
[87] (WO2015/130338)
[30] US (61/945,253) 2014-02-27

[21] **2,939,757**
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01)**

[25] EN

[54] **CROWD PLANNING TOOL**

[54] **OUTIL DE PLANIFICATION DE MESURES POUR LA MAITRISE DES FOULES**

[72] CARLSON, KURTIS DALE, US
[72] MAUTE, RYAN, US
[71] WAL-MART STORES, INC., US
[85] 2016-08-15
[86] 2015-02-06 (PCT/US2015/014729)
[87] (WO2015/130447)
[30] US (61/946,171) 2014-02-28
[30] US (62/031,344) 2014-07-31

[21] **2,939,758**
[13] A1

[51] **Int.Cl. E21B 43/247 (2006.01) E21B 47/00 (2012.01)**

[25] EN

[54] **MULTIPLE WELL GRAVITY-ASSISTED COLUMN FLOW TESTING**

[54] **ESSAI D'ECOULEMENT DE COLONNE ASSISTE PAR LA GRAVITE SUR PLUSIEURS Puits**

[72] BURKS, JODY M., US
[72] HENKEL, KRISTINA M., US
[72] BENOIT, DENISE N., US
[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-08-15
[86] 2014-08-20 (PCT/US2014/051896)
[87] (WO2015/147905)
[30] US (PCT/US14/32262) 2014-03-28

[21] **2,939,761**
[13] A1

[51] **Int.Cl. C07D 403/12 (2006.01) A01N 43/38 (2006.01) A01N 43/40 (2006.01) C07D 207/36 (2006.01) C07D 207/38 (2006.01) C07D 401/12 (2006.01) C07D 403/04 (2006.01) C07D 403/14 (2006.01) C07D 405/12 (2006.01) C07D 409/04 (2006.01) C07D 409/14 (2006.01) C07D 417/14 (2006.01)**

[25] EN

[54] **PLANT GROWTH REGULATING COMPOUNDS**

[54] **COMPOSES REGULATEURS DE LA CROISSANCE DES PLANTES**

[72] LACHIA, MATHILDE DENISE, CH
[72] SCREPANTI, CLAUDIO, CH
[72] DE MESMAEKER, ALAIN, CH
[72] LUMBROSO, ALEXANDRE FRANCO JEAN CAMILLE, CH
[72] RENDINE, STEFANO, CH
[71] SYNGENTA PARTICIPATIONS AG, CH

[85] 2016-08-15
[86] 2015-02-24 (PCT/EP2015/053826)
[87] (WO2015/128321)
[30] GB (1403334.4) 2014-02-26

[21] **2,939,762**
[13] A1

[51] **Int.Cl. A61J 15/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR A SQUEEZABLE FOOD CONTAINER HAVING A DIRECT FEEDING TUBE CONNECTOR**

[54] **PROCEDE ET APPAREIL POUR RECIPIENT ALIMENTAIRE COMPRESSIBLE POURVU D'UN CONNECTEUR DE TUBE D'ALIMENTATION DIRECTE**

[72] GERWIRTZ, GAIL, US
[72] STEVENS, LUKE, US
[72] LOWKIS, PAULINA, US
[71] MEDLINE INDUSTRIES, INC., US

[85] 2016-08-15
[86] 2015-02-09 (PCT/US2015/015001)
[87] (WO2015/123134)
[30] US (14/180,011) 2014-02-13

[21] **2,939,765**
[13] A1

[51] **Int.Cl. F41H 1/02 (2006.01) A41D 13/015 (2006.01) A41D 13/05 (2006.01) A44B 11/25 (2006.01)**

[25] EN

[54] **QUICKLY RELEASABLE VEST**

[54] **GILET SE RETIRANT RAPIDEMENT**

[72] KLOKE, DANIEL C., US
[72] KHANDELWAL, MANISH, IN
[71] MKU PVT LTD, IN

[85] 2016-08-04
[86] 2014-09-15 (PCT/US2014/055713)
[87] (WO2015/039055)
[30] US (14/028,468) 2013-09-16

[21] **2,939,766**
[13] A1

[51] **Int.Cl. D21H 19/38 (2006.01) D21H 19/44 (2006.01) D21H 19/60 (2006.01) D21H 21/52 (2006.01)**

[25] EN

[54] **MINERAL OIL BARRIER**

[54] **BARRIERE POUR LES HUILES MINERALES**

[72] OHR, STEFFEN, CH
[72] WIMMER, GUENTER, DE
[72] HUNZIKER, PHILIPP, CH
[72] KASSBERGER, MICHAEL, CH
[72] SCHOELKOPF, JOACHIM, CH
[71] OMYA INTERNATIONAL AG, CH

[85] 2016-08-15
[86] 2015-02-25 (PCT/EP2015/053888)
[87] (WO2015/132101)
[30] EP (14157511.8) 2014-03-03
[30] US (61/950,319) 2014-03-10

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[13] A1

[51] **Int.Cl. E21B 19/14 (2006.01) E21B 19/16 (2006.01)**
[25] EN
[54] **TUBULAR STAND RACKING SYSTEM**
[54] **SYSTEME DE GERBAGE D'UN MONTANT TUBULAIRE**
[72] SMITH, LOGAN E., US
[72] ANGELLE, JEREMY R., US
[71] FRANK'S INTERNATIONAL, LLC, US
[85] 2016-08-15
[86] 2015-02-13 (PCT/US2015/015751)
[87] (WO2015/126740)
[30] US (14/184,896) 2014-02-20

[21] **2,939,769**
[13] A1

[51] **Int.Cl. C01B 3/38 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF SYNTHESIS GAS**
[54] **PROCEDE DE PRODUCTION DE GAZ DE SYNTHESE**
[72] DYBKJAER, IB (DECEASED), DK
[72] AASBERG-PETERSEN, KIM, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2016-08-15
[86] 2015-02-26 (PCT/EP2015/053968)
[87] (WO2015/128395)
[30] DK (PA 2014 70095) 2014-02-28

[21] **2,939,770**
[13] A1

[51] **Int.Cl. G02B 6/44 (2006.01)**
[25] EN
[54] **CABLE STRAIN RELIEF DEVICE, ASSEMBLY AND METHOD**
[54] **DISPOSITIF, ENSEMBLE ET PROCEDE DE REDUCTION DE TENSION DE CABLE**
[72] BURKETT, ALAN DUNCAN, US
[72] COX, TERRY DEAN, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2016-08-15
[86] 2015-02-16 (PCT/US2015/016014)
[87] (WO2015/126777)
[30] US (61/942,827) 2014-02-21

[21] **2,939,772**
[13] A1

[51] **Int.Cl. C07D 403/12 (2006.01) A01N 43/653 (2006.01) A01N 43/713 (2006.01)**
[25] EN
[54] **HERBICIDAL COMPOUNDS**
[54] **COMPOSES HERBICIDES**
[72] MITCHELL, GLYNN, GB
[72] MULHOLLAND, NICHOLAS PHILLIP, GB
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2016-08-15
[86] 2015-02-26 (PCT/EP2015/054041)
[87] (WO2015/128424)
[30] GB (1403495.3) 2014-02-27

[21] **2,939,777**
[13] A1

[51] **Int.Cl. G01F 23/00 (2006.01) G01F 23/288 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING LIQUID-VAPOR INTERFACE VIA GAMMA RADIATION**
[54] **PROCEDE DE DETERMINATION D'UNE INTERFACE LIQUIDE-VAPEUR PAR LE BIAIS DE RAYONNEMENT GAMMA**
[72] BANKS, GRAHAM, GB
[72] PLESS, LOWELL THOMAS, US
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[85] 2016-08-16
[86] 2014-03-07 (PCT/GB2014/050687)
[87] (WO2014/135897)
[30] US (61/774,235) 2013-03-07

[21] **2,939,786**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PYRAZOLO[1,5-A]PYRIMIDINE-5,7-DIAMINE COMPOUNDS AS CDK INHIBITORS AND THEIR THERAPEUTIC USE**
[54] **PYRAZOLO[1,5-A]PYRIMIDINE-5,7-DIAMINES EN TANT QU'INHIBITEURS DE CDK ET LEUR UTILISATION THERAPEUTIQUE**
[72] BONDKE, ALEXANDER, DE
[72] KROLL, SEBASTIAN, GB
[72] BARRETT, ANTHONY, GB
[72] FUCHTER, MATTHEW, GB
[72] SLAFER, BRIAN, US
[72] ALI, SIMAK, GB
[72] COOMBES, CHARLES, GB
[72] SNYDER, JAMES PATRICK, US
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
[71] IMPERIAL INNOVATIONS LIMITED, GB
[71] EMORY UNIVERSITY, US
[85] 2016-08-16
[86] 2015-02-20 (PCT/GB2015/050494)
[87] (WO2015/124941)
[30] GB (1403093.6) 2014-02-21

[21] **2,939,787**
[13] A1

[51] **Int.Cl. G01N 3/42 (2006.01)**
[25] EN
[54] **AUTOMATED PROFILING OF THE HARDNESS OF WOOD**
[54] **PROFILAGE AUTOMATISE DE LA DURETE DU BOIS**
[72] MORE, RANDAL K., US
[72] BINGEL, NELSON G., III, US
[72] POPE, THOMAS, US
[72] GEITNER, LAWRENCE J., US
[71] OSMOSE UTILITIES SERVICES, INC., US
[85] 2016-08-15
[86] 2015-02-18 (PCT/US2015/016370)
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[13] A1

[51] **Int.Cl. G01N 33/555 (2006.01) G01N 33/80 (2006.01)**
[25] EN
[54] **RED BLOOD CELL DETECTION**
[54] **DETECTION DE GLOBULES ROUGES**
[72] ROBB, JANINE SCOTT, GB
[72] ROBB, ANDREW GORDON, GB
[72] ROBSON, DAVID COOPER, GB
[71] QBD (QS-IP) LIMITED, GB
[85] 2016-08-16
[86] 2015-02-20 (PCT/GB2015/050502)
[87] (WO2015/124947)
[30] GB (1403115.7) 2014-02-21

[21] **2,939,791**
[13] A1

[51] **Int.Cl. A61K 31/568 (2006.01) A61M 5/20 (2006.01) A61P 5/26 (2006.01)**
[25] EN
[54] **NEEDLE ASSISTED JET INJECTION ADMINISTRATION OF TESTOSTERONE COMPOSITIONS**
[54] **ADMINISTRATION DE COMPOSITIONS DE TESTOSTERONE PAR INJECTION PAR JET ASSISTEE PAR AIGUILLE**
[72] JOOSTE, HERMANUS L., US
[72] DAVE, KAUSHIK J., US
[72] JAFFE, JON, US
[72] WOTTON, PAUL K., US
[71] ANTARES PHARMA, INC., US
[85] 2016-08-15
[86] 2015-02-19 (PCT/US2015/016505)
[87] (WO2015/127012)
[30] US (61/941,875) 2014-02-19

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[13] A1

[51] **Int.Cl. C07D 519/00 (2006.01) A61K 31/519 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **3-(PYRIMIDINE-2-YL)IMIDAZO[1,2-A]PYRIDINES**
[54] **3-(PYRIMIDIN-2-YL)IMIDAZO[1,2-A]PYRIDINES**
[72] VAKALOPOULOS, ALEXANDROS, DE
[72] GROMOV, ALEXEY, DE
[72] FOLLMANN, MARKUS, DE
[72] BROCKSCHNIEDER, DAMIAN, DE
[72] STASCH, JOHANNES-PETER, IT
[72] MARQUARDT, TOBIAS, DE
[72] TERSTEEGEN, ADRIAN, DE
[72] WUNDER, FRANK, DE
[72] REDLICH, GORDEN, DE
[72] LANG, DIETER, DE
[72] LI, VOLKHART MIN-JIAN, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2016-08-16
[86] 2015-02-17 (PCT/EP2015/053252)
[87] (WO2015/124544)
[30] EP (14155731.4) 2014-02-19

[21] **2,939,796**
[13] A1

[51] **Int.Cl. H02B 13/035 (2006.01) H01H 11/00 (2006.01)**
[25] EN
[54] **MODULAR SWITCHGEAR INSULATION SYSTEM**
[54] **SYSTEME D'ISOLATION A ENGRENAGE DE COMMUTATION MODULAIRE**
[72] STOVING, PAUL NEWCOMB, US
[72] SCHUETZ, ROBERT RAYMOND, US
[72] WEISBURGH, ROSE ELLEN, US
[72] LUOMA, WILLIAM ROBERT, US
[72] CARMICHAEL, JOSEPH ALLEN, US
[72] KORVES, BRIAN ANDREW, US
[72] HREN, JOSEPH MICHAEL, US
[72] GEIST, LAURENCE JAMES, US
[71] COOPER TECHNOLOGIES COMPANY, US
[85] 2016-08-15
[86] 2015-02-20 (PCT/US2015/016880)
[87] (WO2015/127251)
[30] US (61/942,293) 2014-02-20

[21] **2,939,797**
[13] A1

[51] **Int.Cl. B60G 21/055 (2006.01) B21D 39/00 (2006.01) B21D 53/88 (2006.01) F16B 4/00 (2006.01) F16B 7/14 (2006.01)**
[25] EN
[54] **STRUCTURE OF SEMI-FINISHED PRODUCT FOR MOVEMENT RESTRICTION MEMBER, APPARATUS FOR ATTACHING SEMI-FINISHED PRODUCT TO BAR MEMBER, STRUCTURE FOR ATTACHMENT OF SEMI-FINISHED PRODUCT AND BAR MEMBER, AND METHOD OF ATTACHING SEMI-FINISHED PRODUCT**
[54] **STRUCTURE D'ELEMENT DE RESTRICTION DE MOUVEMENT SEMI-FINI, APPAREIL DE FIXATION DE PRODUIT SEMI-FINI A L'ELEMENT TIGE, STRUCTURE DE FIXATION POUR ELEMENT TIGE ET PRODUIT SEMI-FINI, ET PROCEDE DE FIXATION DE PRODUIT SEMI-FINI**
[72] KATSUNO, KENJI, JP
[71] NHK SPRING CO, LTD., JP
[71] NHK SPRING PRODUCTION COMPANY, JP
[85] 2016-08-15
[86] 2014-12-08 (PCT/JP2014/082453)
[87] (WO2015/125381)
[30] JP (2014-028712) 2014-02-18

[21] **2,939,798**
[13] A1

[51] **Int.Cl. A61C 1/00 (2006.01) A61B 5/00 (2006.01) H04B 13/00 (2006.01)**
[25] EN
[54] **DENTAL SYSTEM**
[54] **SYSTEME A USAGE DENTAIRE**
[72] SCHROCK, RAINER, AT
[72] TANNEBAUM, WOLFGANG, DE
[71] W & H DENTALWERK BURMOOS GMBH, AT
[85] 2016-08-16
[86] 2015-03-06 (PCT/EP2015/054692)
[87] (WO2015/132369)
[30] EP (14157978.9) 2014-03-06

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[21] **2,939,799**
[13] A1

[51] **Int.Cl. G06F 9/44 (2006.01)**
[25] EN
[54] **COMPOUND CONTROLS**
[54] **COMMANDES COMPOSEES**
[72] YOST, GREGG, US
[72] GOLDSHLAG, JOSHUA, US
[71] AB INITIO TECHNOLOGY LLC, US
[85] 2016-08-15
[86] 2015-02-24 (PCT/US2015/017222)
[87] (WO2015/130642)
[30] US (14/192,184) 2014-02-27

[21] **2,939,800**
[13] A1

[51] **Int.Cl. A61L 2/08 (2006.01) B65B 55/08 (2006.01) H01J 29/04 (2006.01)**
[25] EN
[54] **ELECTRON BEAM GENERATOR AND ELECTRON BEAM STERILIZING DEVICE**
[54] **GENERATEUR DE FAISCEAU D'ELECTRONS ET DISPOSITIF DE STERILISATION A FAISCEAU D'ELECTRONS**
[72] CLOETTA, DOMINIQUE, CH
[72] HOSTETTLER, URS, CH
[72] HAAG, WERNER, CH
[72] SIMONE, BIANCO, CH
[71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
[85] 2016-08-16
[86] 2015-03-09 (PCT/EP2015/054812)
[87] (WO2015/139982)
[30] SE (1450331-2) 2014-03-21

[21] **2,939,801**
[13] A1

[51] **Int.Cl. G01N 21/29 (2006.01) C23F 11/00 (2006.01)**
[25] EN
[54] **CORROSION INHIBITING HYDRAULIC FLUID ADDITIVE**
[54] **ADDITIF DE FLUIDE HYDRAULIQUE INHIBANT LA CORROSION**
[72] PETTY, JON A., US
[71] PETTY, JON A., US
[85] 2016-08-15
[86] 2015-02-24 (PCT/US2015/017395)
[87] (WO2015/130714)
[30] US (61/944,530) 2014-02-25
[30] US (14/630,117) 2015-02-24

[21] **2,939,804**
[13] A1

[51] **Int.Cl. G06F 3/14 (2006.01) G06Q 10/10 (2012.01) G06F 3/0481 (2013.01) G06F 17/00 (2006.01)**
[25] EN
[54] **IMMERSIVE DOCUMENT VIEW**
[54] **VISUALISATION IMMERSIVE DE DOCUMENTS**
[72] MASTERSON, JOSEPH, US
[72] DE SOUZA, JEREMY, US
[72] LIMONT, DAVID PAUL, US
[72] MA, JIN, US
[72] CATRINESCU, ELENA, US
[72] STEPLYK, HAYLEY LYNN, US
[72] MEYERS, DAVID LLOYD, JR., US
[72] COOK, JASON, US
[72] FERN, KENNETH, US
[72] WADDOUNS, NATHAN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-08-17
[86] 2015-03-26 (PCT/US2015/022606)
[87] (WO2015/153244)
[30] US (61/973,030) 2014-03-31
[30] US (14/497,236) 2014-09-25

[21] **2,939,807**
[13] A1

[51] **Int.Cl. A01N 25/02 (2006.01) A01N 43/80 (2006.01)**
[25] EN
[54] **EMULSIFIABLE CONCENTRATES COMPRISING TOPAMEZONE, BROMOXYNIL AND A SAFENER**
[54] **CONCENTRES EMULSIONNABLES COMPRENANT DE LA TOPAMEZONE, DU BROMOXYNIL ET UN PHYTOPROTECTEUR**
[72] KOLB, KLAUS, DE
[72] MARXER, KATJA, DE
[72] KRAMER, GERD, DE
[72] WEIMER, JOHANNES, US
[72] COLE, SCOTT, US
[71] BASF SE, DE
[85] 2016-08-16
[86] 2015-03-13 (PCT/EP2015/055268)
[87] (WO2015/144451)
[30] US (61/969,880) 2014-03-25

[21] **2,939,809**
[13] A1

[51] **Int.Cl. B22F 9/26 (2006.01) B22F 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING NICKEL POWDER**
[54] **PROCEDE DE PRODUCTION DE POUDRE DE NICKEL**
[72] YANAGISAWA, KAZUMICHI, JP
[72] ZHANG, JUNHAO, JP
[72] IKEDA, OSAMU, JP
[72] OHARA, HIDEKI, JP
[72] YONEYAMA, TOMOAKI, JP
[72] KUDO, YOHEI, JP
[72] HEGURI, SHIN-ICHI, JP
[71] KOCHI UNIVERSITY, NATIONAL UNIVERSITY CORPORATION, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
[85] 2016-08-15
[86] 2015-02-09 (PCT/JP2015/053541)
[87] (WO2015/125650)
[30] JP (2014-031253) 2014-02-21
[30] JP (2014-051219) 2014-03-14

[21] **2,939,811**
[13] A1

[51] **Int.Cl. G21K 1/02 (2006.01) H01J 35/08 (2006.01) G21K 3/00 (2006.01)**
[25] EN
[54] **X-RAY COLLIMATOR**
[54] **COLLIMATEUR DE RAYONS X**
[72] TRAVISH, GIL, GB
[72] EVANS, MARK, GB
[72] STEVENS, ROBERT, GB
[71] ADAPTIX LIMITED, GB
[85] 2016-08-16
[86] 2015-03-05 (PCT/GB2015/050637)
[87] (WO2015/132593)
[30] GB (1403889.7) 2014-03-05

[21] **2,939,814**
[13] A1

[51] **Int.Cl. B64C 25/40 (2006.01)**
[25] EN
[54] **WHEEL AND GEAR ASSEMBLY**
[54] **ENSEMBLE ROUE ET ENGRENAGE**
[72] DIDEY, ARNAUD, GB
[72] WILSON, FRASER, GB
[71] AIRBUS OPERATIONS LIMITED, GB
[85] 2016-08-16
[86] 2015-03-13 (PCT/GB2015/050740)
[87] (WO2015/136302)
[30] GB (1404636.1) 2014-03-14

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[21] **2,939,816**
[13] A1

[51] **Int.Cl. B29B 11/16 (2006.01)**
[25] EN
[54] **PRODUCTION OF CURVED PREFORMS**
[54] **FABRICATION DE PREFORMES CURVILIGNES**
[72] STAHL, ARNE, DE
[72] BORGWARDT, HENRIK, DE
[72] HUHNE, CHRISTIAN, DE
[71] DEUTSCHES ZENTRUM FUR LUFT- UND RAUMFAHRT E.V., DE
[85] 2016-08-15
[86] 2015-02-26 (PCT/EP2015/054049)
[87] (WO2015/128425)
[30] DE (20 2014 100 927.2) 2014-02-28

[21] **2,939,817**
[13] A1

[51] **Int.Cl. F28F 3/08 (2006.01) B23K 1/00 (2006.01) B23K 20/00 (2006.01) F28D 9/02 (2006.01) F28F 3/04 (2006.01)**
[25] EN
[54] **PLATE-TYPE HEAT EXCHANGER AND METHOD FOR PRODUCING SAME**
[54] **ECHANGEUR DE CHALEUR A PLAQUES ET SON PROCEDE DE FABRICATION**
[72] SUGAMA, ATSUSHI, JP
[72] OKU, MANABU, JP
[72] HORI, YOSHIAKI, JP
[72] IMAKAWA, KAZUNARI, JP
[71] NISSHIN STEEL CO., LTD., JP
[85] 2016-08-15
[86] 2015-02-18 (PCT/JP2015/054465)
[87] (WO2015/125831)
[30] JP (2014-028899) 2014-02-18

[21] **2,939,818**
[13] A1

[51] **Int.Cl. H04W 72/10 (2009.01) H04W 88/08 (2009.01)**
[25] EN
[54] **CHANNEL ACCESS PRIORITY FOR DISTRIBUTED D2D**
[54] **PRIORITE D'ACCES A UN CANAL A DES FINS DE COMMUNICATION D2D DISTRIBUEE**
[72] LI, QINGHUA, US
[72] KUMAR, UTSAW, US
[72] NIU, HUANING, US
[72] ZHU, YUAN, CN
[71] INTEL IP CORPORATION, US
[85] 2016-08-16
[86] 2015-03-26 (PCT/US2015/022692)
[87] (WO2015/167707)
[30] US (61/985,342) 2014-04-28
[30] US (14/572,309) 2014-12-16

[21] **2,939,819**
[13] A1

[51] **Int.Cl. G06F 21/57 (2013.01)**
[25] EN
[54] **SECURITY EVALUATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'EVALUATION DE SECURITE**
[72] TUCKER, MARK, US
[72] ELDEN, CHARLES, US
[72] KARRO, JARED, US
[71] TEMPORAL DEFENSE SYSTEMS, LLC, US
[85] 2016-08-15
[86] 2015-02-27 (PCT/US2015/018141)
[87] (WO2015/131127)
[30] US (61/946,656) 2014-02-28

[21] **2,939,820**
[13] A1

[51] **Int.Cl. B01F 11/00 (2006.01) A47J 31/40 (2006.01)**
[25] EN
[54] **A DISPOSABLE BEVERAGE CUP**
[54] **TASSE JETABLE CONTENANT UNE BOISSON**
[72] HERSHKOVITZ, ORI, IL
[72] KOSSOVSKY, SHAY, IL
[71] HERSHKOVITZ, ORI, IL
[71] KOSSOVSKY, SHAY, IL
[85] 2016-08-16
[86] 2014-01-28 (PCT/IL2014/050094)
[87] (WO2014/141230)
[30] US (13/792,254) 2013-03-11

[21] **2,939,822**
[13] A1

[51] **Int.Cl. C07H 19/02 (2006.01) C07H 21/00 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **CROSSLINKED NUCLEOSIDE AND NUCLEOTIDE**
[54] **NUCLEOSIDE ET NUCLEOTIDE RETICULES**
[72] OBIKA, SATOSHI, JP
[72] YAMAGUCHI, TAKAO, JP
[72] HORIBA, MASAHIKO, JP
[72] WAKI, REIKO, JP
[71] OSAKA UNIVERSITY, JP
[85] 2016-08-15
[86] 2015-02-17 (PCT/JP2015/054308)
[87] (WO2015/125783)
[30] JP (2014-028210) 2014-02-18

[21] **2,939,823**
[13] A1

[51] **Int.Cl. A61F 2/04 (2013.01) A61F 2/958 (2013.01)**
[25] EN
[54] **METHODS AND DEVICES FOR URETHRAL TREATMENT**
[54] **PROCEDES ET DISPOSITIFS POUR UN TRAITEMENT URETRAL**
[72] GOLAN, SHAI, IL
[72] BAR-ON, RAZ, IL
[72] HARARI, BOAZ, IL
[72] FELD, YAIR, IL
[71] PROARC MEDICAL LTD., IL
[85] 2016-08-16
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[87] (WO2014/141278)
[30] US (61/783,257) 2013-03-14

[21] **2,939,824**
[13] A1

[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **WING SHROUD FOR A DRAGLINE LIP**
[54] **CARENAGE D'AILERON POUR LEVRE DE PELLE A BENNE TRAINANTE**
[72] HOOIJMANS, WILLEM J., NL
[71] CATERPILLAR WORK TOOLS B.V., NL
[85] 2016-08-15
[86] 2015-02-26 (PCT/EP2015/054095)
[87] (WO2015/128441)
[30] EP (14157320.4) 2014-02-28

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[13] A1

[51] **Int.Cl. B65B 1/00 (2006.01) B65D 5/56 (2006.01) C01B 33/035 (2006.01)**

[25] EN

[54] **PROCESS FOR PRODUCING POLYCRYSTALLINE SILICON**

[54] **PROCEDE DE PRODUCTION DE SILICIUM POLYCRISTALLIN**

[72] VIETZ, MATTHIAS, AT

[71] WACKER CHEMIE AG, DE

[85] 2016-08-15

[86] 2015-02-27 (PCT/EP2015/054156)

[87] (WO2015/132155)

[30] DE (10 2014 203 814.6) 2014-03-03

[21] **2,939,828**
[13] A1

[51] **Int.Cl. B63B 35/28 (2006.01) B63B 3/34 (2006.01) B63B 3/48 (2006.01) B63B 15/00 (2006.01)**

[25] EN

[54] **EXOSKELETON SHIP HULL STRUCTURE**

[54] **STRUCTURE DE COQUE DE BATEAU DE TYPE EXOSQUELETTE**

[72] VAN DIEPEN, PETER, CA

[71] VAN DIEPEN, PETER, CA

[85] 2016-08-16

[86] 2015-07-24 (PCT/CA2015/050696)

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[21] **2,939,831**
[13] A1

[51] **Int.Cl. G06F 1/16 (2006.01) G06F 3/00 (2006.01)**

[25] EN

[54] **INPUT DEVICE ATTACHMENT**

[54] **FIXATION DE DISPOSITIF D'ENTREE**

[72] LONGO, THOMAS J., US

[72] HILL, ANDREW WILLIAM, US

[72] LEE, EUGENE, US

[72] WISE, JAMES H., US

[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US

[85] 2016-08-16

[86] 2015-03-25 (PCT/US2015/022350)

[87] (WO2015/148587)

[30] US (14/229,466) 2014-03-28

[21] **2,939,834**
[13] A1

[51] **Int.Cl. G06F 9/30 (2006.01) G06F 9/38 (2006.01)**

[25] EN

[54] **SPECULATIVE HISTORY FORWARDING IN OVERRIDING BRANCH PREDICTORS, AND RELATED CIRCUITS, METHODS, AND COMPUTER-READABLE MEDIA**

[54] **TRANSFERT D'HISTORIQUE SPECULATIF DANS DES PREDICTEURS DE BRANCHEMENT AVEC PRIORITE, ET CIRCUITS, PROCEDES ET SUPPORTS LISIBLES PAR ORDINATEUR CORRESPONDANTS**

[72] AL SHEIKH, RAMI, MOHAMMAD, US

[72] DAMODARAN, RAGURAM, US

[71] QUALCOMM INCORPORATED, US

[85] 2016-08-16

[86] 2015-03-23 (PCT/US2015/021997)

[87] (WO2015/148372)

[30] US (14/223,091) 2014-03-24

[21] **2,939,835**
[13] A1

[51] **Int.Cl. C07C 271/40 (2006.01) C07C 271/66 (2006.01)**

[25] EN

[54] **AMINOCARBONYLCARBAMATE COMPOUNDS**

[54] **COMPOSES D'AMINOCARBONYLCARBAMATE**

[72] KANG, YOUNG SOON, KR

[72] CHUNG, JIN YONG, KR

[72] MAENG, CHEOL YOUNG, KR

[72] YI, HAN JU, KR

[72] LEE, KI HO, KR

[72] HEO, JOON, KR

[72] CHAE, EUN HEE, KR

[72] SHIN, YU JIN, KR

[71] SK BIOPHARMACEUTICALS CO. LTD., KR

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[87] (WO2015/130121)

[30] US (61/946,142) 2014-02-28

[21] **2,939,837**
[13] A1

[51] **Int.Cl. H04W 88/10 (2009.01)**

[25] FR

[54] **MOBILE INTERCONNECTION DEVICE**

[54] **DISPOSITIF D'INTERCONNEXION MOBILE**

[72] JAMING, CHRISTOPHE, FR

[71] CORTEX SYSTEMS, FR

[85] 2016-08-16

[86] 2014-02-17 (PCT/FR2014/050325)

[87] (WO2015/121544)

[21] **2,939,839**
[13] A1

[51] **Int.Cl. B23K 26/32 (2014.01) B23K 26/26 (2014.01)**

[25] EN

[54] **METHOD FOR LASER WELDING ONE OR MORE WORKPIECES MADE OF HARDENABLE STEEL IN A BUTT JOINT**

[54] **PROCEDE DE SOUDAGE AU LASER D'UNE OU DE PLUSIEURS PIECES EN ACIER POUVANT ETRE TREMPE DANS UNE JONCTION BOUT A BOUT**

[72] BREUER, ARNDT, DE

[72] BOTH, CHRISTIAN, DE

[71] WISCO TAILORED BLANKS GMBH, DE

[85] 2016-08-16

[86] 2015-01-29 (PCT/EP2015/051780)

[87] (WO2015/121074)

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[21] **2,939,840**
[13] A1

[51] **Int.Cl. F02C 7/32 (2006.01) F16H 1/22 (2006.01)**

[25] FR

[54] **HOUSING FOR DRIVING AN APPARATUS FOR A TURBINE ENGINE**

[54] **BOITIER D'ENTRAINEMENT D'EQUIPEMENTS POUR TURBOMACHINE**

[72] VIEL, JULIEN, FR

[72] PRUNERA-USACH, STEPHANE, FR

[72] BRANDT, BERNARD, FR

[72] BECQUERELLE, SAMUEL RAYMOND GERMAIN, FR

[71] SAFRAN TRANSMISSION SYSTEMS, FR

[85] 2016-08-16

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[30] FR (1451271) 2014-02-18

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[21] **2,939,845**
[13] A1

[51] **Int.Cl. G06F 9/445 (2006.01)**
[25] EN
[54] **USER SELECTABLE OPERATING SYSTEMS**
[54] **SYSTEMES D'EXPLOITATION SELECTIONNABLES PAR L'UTILISATEUR**
[72] PAUL, JEFFREY M., US
[72] HEWIT, ROSS F., US
[72] ZHU, ROBERT, US
[72] LIM, HEONMIN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-08-16
[86] 2015-03-20 (PCT/US2015/021623)
[87] (WO2015/148280)
[30] US (14/225,096) 2014-03-25

[21] **2,939,847**
[13] A1

[51] **Int.Cl. C12N 15/85 (2006.01)**
[25] EN
[54] **GENOME EDITING WITHOUT NUCLEASES**
[54] **EDITION DE GENOME SANS NUCLEASES**
[72] BARZEL, ADI, US
[72] KAY, MARK A., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2016-08-16
[86] 2015-03-19 (PCT/US2015/021501)
[87] (WO2015/143177)
[30] US (61/969,013) 2014-03-21
[30] US (61/969,709) 2014-03-24
[30] US (62/044,145) 2014-08-29
[30] US (62/045,451) 2014-09-03

[21] **2,939,850**
[13] A1

[51] **Int.Cl. B66D 1/00 (2006.01)**
[25] EN
[54] **PREDICTIVE LANDING FAILSAFE**
[54] **SYSTEME D'ATTERRISSAGE PREDICTIF A SECURITE INTEGREE**
[72] KUTTEL, BEAT, US
[72] WILLIAMS, KEVIN R., US
[72] ELLIS, BRIAN, US
[71] CANRIG DRILLING TECHNOLOGY LTD., US
[85] 2016-08-16
[86] 2015-03-13 (PCT/US2015/020347)
[87] (WO2015/138838)
[30] US (14/656,930) 2014-03-13
[30] US (61/952,452) 2014-03-13

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[13] A1

[51] **Int.Cl. A61K 31/11 (2006.01) A61K 31/315 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING CINNAMALDEHYDE AND ZINC TO IMPROVE SWALLOWING**
[54] **COMPOSITION COMPRENANT DU CINNAMALDEHYDE ET DU ZINC POUR AMELIORER LA DEGLUTITION**
[72] MICHLIG GONZALEZ, STEPHANIE, CH
[72] MEYLAN MERLINI, JENNY, CH
[72] BURBIDGE, ADAM, CH
[72] LE COUTRE, JOHANNES, CH
[71] NESTEC S.A., CH
[85] 2016-08-15
[86] 2015-03-17 (PCT/EP2015/055479)
[87] (WO2015/140124)
[30] US (61/968,105) 2014-03-20

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[13] A1

[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/427 (2006.01) A61K 31/4439 (2006.01) A61K 31/4709 (2006.01) A61K 31/4985 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **OXEPAN-2-YL-PYRAZOL-4-YL-HETEROCYCLYL-CARBOXAMIDE COMPOUNDS AND METHODS OF USE**
[54] **COMPOSES OXEPAN-2-YL-PYRAZOL-4-YL-HETEROCYCLYLE-CARBOXAMIDE ET LEURS METHODES D'UTILISATION**
[72] BURCH, JASON, US
[72] CHEN, HUIFEN, US
[72] WANG, XIAOJING, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-08-15
[86] 2015-03-18 (PCT/EP2015/055596)
[87] (WO2015/140189)
[30] US (61/954,752) 2014-03-18

[21] **2,939,853**
[13] A1

[51] **Int.Cl. A01N 43/42 (2006.01) A01N 43/56 (2006.01) A01P 7/00 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **FUNGICIDAL COMPOSITIONS OF PYRAZOLECARBOXYLIC ACID ALKOXYAMIDES**
[54] **COMPOSITIONS FONGICIDES D'ALCOXY-AMIDES D'ACIDE PYRAZOLECARBOXYLIQUE**
[72] HOFFMANN, SEBASTIAN, DE
[72] WACHENDORFF-NEUMANN, ULRIKE, DE
[72] COQUERON, PIERRE-YVES, FR
[72] CRISTAU, PIERRE, FR
[72] DESBORDES, PHILIPPE, FR
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
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[86] 2015-02-17 (PCT/EP2015/053249)
[87] (WO2015/124542)
[30] EP (14155785.0) 2014-02-19

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[21] **2,939,856**
[13] A1

[51] **Int.Cl. G01S 7/48 (2006.01) G01S 7/489 (2006.01) G01S 7/495 (2006.01)**
[25] EN
[54] **LASER TRANSPONDER SYSTEM AND METHOD FOR DISRUPTING ADVANCED SPEED MEASURING LIDARS**
[54] **SYSTEME DE TRANSPONDEUR LASER ET METHODE DE PERTURBATION DE LIDARS DE MESURE DE VITESSE AVANCES**
[72] BOROSAK, MARKO, HR
[71] BOROSAK, MARKO, HR
[85] 2016-08-16
[86] 2014-02-28 (PCT/HR2014/000010)
[87] (WO2015/128682)

[21] **2,939,857**
[13] A1

[51] **Int.Cl. F21K 99/00 (2016.01) F21V 17/00 (2006.01) F21V 19/04 (2006.01) F21V 29/00 (2015.01)**
[25] EN
[54] **LED LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE A DEL**
[72] NANNI, MARIO, IT
[71] VIABIZZUNO S.R.L., IT
[85] 2016-08-15
[86] 2014-12-19 (PCT/IB2014/067121)
[87] (WO2015/150888)
[30] IT (BO2014A000184) 2014-04-01

[21] **2,939,861**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/113 (2010.01) A61P 35/00 (2006.01) C07H 21/00 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IDENTIFYING CANCERS HAVING ACTIVATED PROGESTERONE RECEPTORS**
[54] **SYSTEMES ET PROCEDES POUR IDENTIFIER DES CANCERS PRESENTANT DES RECEPTEURS DE PROGESTERONE ACTIVES**
[72] CLARKE, CHRISTINE L., AU
[72] GRAHAM, J. DINNY, AU
[71] THE UNIVERSITY OF SYDNEY, AU
[85] 2016-08-15
[86] 2015-03-12 (PCT/IB2015/000312)
[87] (WO2015/136355)
[30] US (61/951,650) 2014-03-12

[21] **2,939,863**
[13] A1

[51] **Int.Cl. A61B 1/008 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR ADVANCEMENT ALONG A PREDETERMINED CURVED TRAJECTORY AND A METHOD FOR OPERATION THEREOF**
[54] **APPAREIL D'AVANCEE LE LONG D'UNE TRAJECTOIRE INCURVEE PREDETERMINEE, ET SON PROCEDE DE FONCTIONNEMENT**
[72] SIEGAL, TZONY, IL
[71] SIEGAL, TZONY, IL
[85] 2016-08-16
[86] 2015-02-18 (PCT/IL2015/050186)
[87] (WO2015/125140)
[30] IL (231054) 2014-02-20

[21] **2,939,864**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) C07K 14/415 (2006.01) C12N 5/04 (2006.01) C12N 15/29 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **PLANTS HAVING ONE OR MORE ENHANCED YIELD-RELATED TRAITS AND A METHOD FOR MAKING THE SAME**
[54] **PLANTES POSSEDANT UN OU PLUSIEURS CARACTERES RENFORCES LIES AU RENDEMENT, ET PROCEDE POUR LEUR FABRICATION**
[72] SANZ MOLINERO, ANA ISABEL, ES
[71] BASF PLANT SCIENCE COMPANY GMBH, DE
[85] 2016-08-15
[86] 2015-03-02 (PCT/IB2015/051520)
[87] (WO2015/132712)
[30] EP (14158192.6) 2014-03-06

[21] **2,939,865**
[13] A1

[51] **Int.Cl. C07D 249/08 (2006.01) A01N 43/653 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **SUBSTITUTED [1,2,4]TRIAZOLE AND IMIDAZOLE COMPOUNDS AS FUNGICIDES**
[54] **COMPOSES D'IMIDAZOLE ET DE [1,2,4]-TRIAZOLE SUBSTITUES UTILISES COMME FONGICIDES**
[72] GRAMMENOS, WASSILIOS, DE
[72] BOUDET, NADEGE, DE
[72] MULLER, BERND, DE
[72] QUINTERO PALOMAR, MARIA ANGELICA, DE
[72] ESCRIBANO CUESTA, ANA, DE
[72] LAUTERWASSER, ERICA MAY WILSON, DE
[72] LOHMANN, JAN KLAAS, DE
[72] GROTE, THOMAS, DE
[72] KRETSCHMER, MANUEL, DE
[72] CRAIG, IAN ROBERT, DE
[71] BASF SE, DE
[85] 2016-08-16
[86] 2015-03-16 (PCT/EP2015/055456)
[87] (WO2015/144480)
[30] EP (14161798.5) 2014-03-26
[30] EP (14163135.8) 2014-04-02

[21] **2,939,866**
[13] A1

[51] **Int.Cl. B01J 38/66 (2006.01) C10G 11/02 (2006.01)**
[25] EN
[54] **PROCESS OF REACTIVATING A METAL CONTAMINATED BIOMASS CONVERSION CATALYST**
[54] **PROCEDE DE REACTIVATION D'UN CATALYSEUR DE CONVERSION DE BIOMASSE CONTAMINE PAR DU METAL**
[72] ZHOU, LING, US
[72] SAMPLES, VICTORIA, US
[72] JUTTU, GOPAL, US
[72] CRAIG, HOLLIE, US
[72] ADKINS, BRUCE, US
[71] KIOR, INC., US
[85] 2016-08-16
[86] 2015-01-14 (PCT/US2015/011417)
[87] (WO2015/112399)
[30] US (61/929,625) 2014-01-21

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[13] A1

[51] **Int.Cl. H04R 1/10 (2006.01) H04R 1/08 (2006.01)**
[25] EN
[54] **ADJUSTABLE EARPIECE DEVICE**
[54] **DISPOSITIF D'OREILLETTE REGLABLE**
[72] TRAN, CHI T., US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2016-08-16
[86] 2015-02-10 (PCT/US2015/015104)
[87] (WO2015/126659)
[30] US (14/185,083) 2014-02-20

[21] **2,939,870**
[13] A1

[51] **Int.Cl. A61L 2/08 (2006.01) B65B 55/08 (2006.01) G21K 5/00 (2006.01) H01J 37/07 (2006.01) H01J 37/24 (2006.01)**
[25] EN
[54] **STERILIZATION MACHINE AND METHOD FOR STERILIZING PACKAGING CONTAINERS**
[54] **MACHINE DE STERILISATION ET PROCEDE DE STERILISATION DE RECIPIENTS D'EMBALLAGE**
[72] DICKNER, JONAS, SE
[72] MELLBIN, HAKAN, SE
[72] LINDGREN, ROGER, SE
[72] AKESSON, MATS, SE
[71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
[85] 2016-08-16
[86] 2015-01-21 (PCT/EP2015/051075)
[87] (WO2015/124358)
[30] SE (1450198-5) 2014-02-19

[21] **2,939,872**
[13] A1

[51] **Int.Cl. C12P 21/02 (2006.01)**
[25] EN
[54] **ENHANCEMENT OF RECOMBINANT PROTEIN EXPRESSION USING A MEMBRANE-BASED CELL RETENTION SYSTEM**
[54] **AMELIORATION DE L'EXPRESSION DE PROTEINES RECOMBINEES AU MOYEN D'UN SYSTEME DE RETENTION DE CELLULES BASE SUR UNE MEMBRANE**
[72] OZTURK, SADETTIN SEYIT, PA
[71] ADVANTECH BIOSCIENCE FARMACEUTICA LTDA, BR
[85] 2016-08-16
[86] 2015-02-12 (PCT/BR2015/000019)
[87] (WO2015/120527)
[30] US (61/940,493) 2014-02-17

[21] **2,939,877**
[13] A1

[51] **Int.Cl. G06F 21/00 (2013.01) G06F 9/30 (2006.01)**
[25] EN
[54] **INTEGRITY ASSURANCE AND REBOOTLESS UPDATING DURING RUNTIME**
[54] **ASSURANCE D'INTEGRITE ET MISE A JOUR SANS REDEMARRAGE PENDANT L'EXECUTION**
[72] IONESCU, ION-ALEXANDRU, US
[71] CROWDSTRIKE, INC., US
[85] 2016-08-16
[86] 2015-03-12 (PCT/US2015/020187)
[87] (WO2015/142616)
[30] US (14/220,362) 2014-03-20

[21] **2,939,881**
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01)**
[25] EN
[54] **ASSET COLLECTION SERVICE THROUGH CAPTURE OF CONTENT**
[54] **SERVICE DE COLLECTE D'ACTIFS PAR LA CAPTURE DE CONTENU**
[72] MIKUTEL, IAN, US
[72] VEGA-GONZALEZ, ELEAZAR, US
[72] RIEFBERG, LEE, US
[72] SRINIVASAN, SRIVATSA, US
[72] CALIZ, CHRIS, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-08-16
[86] 2015-03-12 (PCT/US2015/020051)
[87] (WO2015/142596)
[30] US (14/216,514) 2014-03-17

[21] **2,939,884**
[13] A1

[51] **Int.Cl. C12M 1/00 (2006.01) C12N 5/071 (2010.01) C12N 5/10 (2006.01)**
[25] EN
[54] **SPHEROID-PRODUCING DEVICE, METHOD FOR RECOVERING SPHEROIDS, AND METHOD FOR PRODUCING SPHEROIDS**
[54] **DISPOSITIF DE FABRICATION DE SPHEROIDES, ET PROCEDE DE RECUPERATION ET PROCEDE DE FABRICATION DE SPHEROIDES**
[72] SUMI, SHOICHIRO, JP
[71] KURARAY CO., LTD., JP
[71] KYOTO UNIVERSITY, JP
[85] 2016-08-16
[86] 2015-02-25 (PCT/JP2015/000950)
[87] (WO2015/129263)
[30] JP (2014-034577) 2014-02-25

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[21] **2,939,891**
[13] A1

[51] **Int.Cl. F24J 2/46 (2006.01)**
[25] EN
[54] **SOLAR THERMAL ROOFING SYSTEM**
[54] **SYSTEME DE TOITURE THERMIQUE SOLAIRE**
[72] HAYNES, ANDREW, NZ
[72] PARTRIDGE, ASHTON, NZ
[72] FERNANDEZ, DANIEL, NZ
[72] KVASNICKA, JOHAN, NZ
[72] BATES, DAVID, NZ
[72] MORROW, CHRIS, NZ
[71] ZINNIA TEK LIMITED, NZ
[85] 2016-08-16
[86] 2015-03-05 (PCT/IB2015/051624)
[87] (WO2015/132756)
[30] US (61/949,482) 2014-03-07

[21] **2,939,892**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **AZAINDOLE ACETIC ACID DERIVATIVES AND THEIR USE AS PROSTAGLANDIN D2 RECEPTOR MODULATORS**
[54] **DERIVES D'ACIDE AZA-INDOL-ACETIQUE ET LEUR UTILISATION COMME MODULATEURS DES RECEPTEURS DE LA PROSTAGLANDINE D2**
[72] AISSAOUI, HAMED, CH
[72] BOSS, CHRISTOPH, CH
[72] BOUIS, PATRICK, CH
[72] HAZEMANN, JULIEN, CH
[72] SIEGRIST, ROMAIN, CH
[71] ACTELION PHARMACEUTICALS LTD, CH
[85] 2016-08-16
[86] 2015-03-16 (PCT/IB2015/051895)
[87] (WO2015/140684)
[30] IB (PCT/IB2014/059883) 2014-03-17

[21] **2,939,894**
[13] A1

[51] **Int.Cl. H04N 21/435 (2011.01) H04H 60/72 (2009.01)**
[25] EN
[54] **A METHOD FOR DECODING A SERVICE GUIDE**
[54] **PROCEDE POUR DECODER UN GUIDE DE SERVICE**
[72] DESHPANDE, SACHIN G., US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2016-08-16
[86] 2015-04-20 (PCT/JP2015/002150)
[87] (WO2015/162903)
[30] US (61/982,158) 2014-04-21
[30] US (62/137,797) 2015-03-24

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[51] **Int.Cl. A61K 8/20 (2006.01) A61K 8/02 (2006.01) A61K 8/34 (2006.01) A61K 8/365 (2006.01) A61K 8/73 (2006.01) A61K 8/81 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **COSMETIC GEL SHEET AND MANUFACTURING METHOD THEREOF**
[54] **FEUILLE DE GEL POUR MAQUILLAGE, ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] KONDOU, NAKO, JP
[72] QUAN, YING-SHU, JP
[72] KAMIYAMA, FUMIO, JP
[71] COSMED PHARMACEUTICAL CO., LTD., JP
[85] 2016-08-16
[86] 2015-02-12 (PCT/JP2015/053761)
[87] (WO2015/122433)
[30] JP (2014-042110) 2014-02-17

[21] **2,939,896**
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[51] **Int.Cl. C07D 307/33 (2006.01)**
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[54] **GAMMA-BUTYROLACTONE COMPOSITION AND METHOD FOR PRODUCING SAME**
[54] **COMPOSITION DE GAMMA-BUTYROLACTONE ET SON PROCEDE DE PRODUCTION**
[72] TANIGUCHI, SHOHEI, JP
[72] IZAWA, YUSUKE, JP
[72] UTSUNOMIYA, MASARU, JP
[71] MITSUBISHI CHEMICAL CORPORATION, JP
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[86] 2015-02-16 (PCT/JP2015/054174)
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[51] Int.Cl. E01F 9/60 (2016.01) E01F 9/615 (2016.01) C09J 7/02 (2006.01) C23F 15/00 (2006.01) E04H 12/00 (2006.01)	[51] Int.Cl. C07K 7/08 (2006.01) C12N 5/0783 (2010.01) A61K 35/17 (2015.01) A61K 38/08 (2006.01) A61K 38/10 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 7/06 (2006.01) C12N 5/10 (2006.01) C12N 15/12 (2006.01) G01N 33/48 (2006.01) G01N 33/574 (2006.01)	[51] Int.Cl. A61M 1/10 (2006.01) A61M 1/16 (2006.01) F04B 13/02 (2006.01) F04B 43/00 (2006.01) F04B 49/22 (2006.01)
[25] EN	[25] EN	[25] EN
[54] FILMS AND METHODS FOR PROTECTING ROADSIDE POLES	[54] NOVEL IMMUNOTHERAPY AGAINST SEVERAL TUMORS INCLUDING NEURONAL AND BRAIN TUMORS	[54] PUMPING CASSETTE CASSETTE DE POMPAGE
[54] PELLICULES ET METHODES SERVANT A PROTEGER DES POTEAUX DE BORD DE ROUTE	[54] NOUVELLE IMMUNOTHERAPIE DIRIGEE CONTRE PLUSIEURS TUMEURS, Y COMPRIS DES TUMEURS NEURONALES ET CEREBRALES	[72] DEMERS, JASON A., US
[72] MITCHELL, MICHAEL, CA	[72] SCHOOR, OLIVER, DE	[72] WILT, MICHAEL J., US
[71] CAN-TRAFFIC SERVICES LTD., CA	[72] HILF, NORBERT, DE	[72] GRANT, KEVIN L., US
[22] 2015-02-18	[72] WEINSCHENK, TONI, DE	[72] DALE, JAMES D., US
[41] 2016-08-18	[72] TRAUTWEIN, CLAUDIA, DE	[72] TRACY, BRIAN, US
	[72] WALTER, STEFFEN, DE	[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US
	[72] SINGH, HARPREET, DE	[22] 2008-02-26
	[71] IMMATICS BIOTECHNOLOGIES GMBH, DE	[41] 2008-09-04
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[25] EN		[25] EN
[54] STENT DELIVERY SYSTEM		[54] SIGNAL OPERATED ISOLATION VALVE
[54] SYSTEME DE MISE EN PLACE D'UNE ENDOPROTHESE		[54] VANNE D'ISOLEMENT ACTIONNEE PAR SIGNAL
[72] JIMENEZ, TEODORO S., US		[72] NOSKE, JOE, US
[72] FULKERSON, JOHN, US		[72] SMITH, RODDIE R., GB
[72] MAZZEI, RAFFAELE, US		[72] SMITH, PAUL L., US
[71] C.R. BARD, INC., US		[72] BAILEY, THOMAS F., US
[22] 2007-01-12		[72] MCDOWELL, CHRISTOPHER L., US
[41] 2007-07-26		[72] TILTON, FREDERICK T., US
[62] 2,836,094		[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[30] US (60/759,136) 2006-01-13		[22] 2011-09-20
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[25] EN
[54] **FLOOR COVERING, FLOOR ELEMENT AND METHOD FOR MANUFACTURING FLOOR ELEMENTS**
[54] **REVETEMENT DE SOL, ELEMENTS DE SOL ET PROCEDE DE FABRICATION D'ELEMENTS DE SOL**
[72] CAPPELLE, MARK, BE
[71] FLOORING INDUSTRIES LIMITED, SARL, LU
[22] 2007-03-22
[41] 2007-12-13
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[54] **METHOD AND APPARATUS FOR ENTROPY ENCODING USING HIERARCHICAL DATA UNIT, AND METHOD AND APPARATUS FOR DECODING**
[54] **PROCEDE ET APPAREIL DE CODAGE ENTROPIQUE UTILISANT UNE UNITE DE DONNEES HIERARCHIQUE, ET PROCEDE ET APPAREIL DE DECODAGE**
[72] LEE, TAMMY, KR
[72] CHEN, JIANLE, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2012-07-02
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[25] EN
[54] **SYSTEMS AND METHODS FOR CACHING DATA IN MEDIA-ON-DEMAND SYSTEMS**
[54] **SYSTEMES ET PROCEDES DE MISE EN ANTEMEMOIRE DE DONNEES DANS DES SYSTEMES DE MEDIAS A LA DEMANDE**
[72] ELLIS, MICHAEL D., US
[71] ROVI GUIDES, INC., US
[22] 2001-10-09
[41] 2002-04-18
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[30] US (60/239,377) 2000-10-11
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[21] **2,938,331**
[13] A1
[51] **Int.Cl. F24H 1/10 (2006.01) F24H 9/18 (2006.01)**
[25] EN
[54] **COIL TUBE HEAT EXCHANGER FOR A TANKLES HOT WATER SYSTEM**
[54] **ECHANGEUR DE CHALEUR A TUBE DE SERPENTIN POUR UN CIRCUIT D'EAU CHAUDE SANS RESERVOIR**
[72] DEIVASIGAMANI, SRIDHAR, US
[72] AKASAM, SIVAPRASAD, US
[71] DEIVASIGAMANI, SRIDHAR, US
[71] AKASAM, SIVAPRASAD, US
[22] 2010-08-18
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[62] 2,770,190
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[54] **RADAR DETECTOR WITH POSITION AND VELOCITY SENSITIVE FUNCTIONS**
[54] **RADAR ROUTIER AVEC FONCTIONS DE DETECTION DE POSITION ET DE VITESSE**
[72] ORR, STEVEN K., US
[72] BLAIR, ROBERT GREGORY, US
[72] KUHN, JOHN, US
[72] COOMER, TIMOTHY A., US
[71] ESCORT INC., US
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[25] EN	[25] EN	[25] EN
[54] APPARATUS, METHOD AND COMPUTER PROGRAM FOR PROVIDING ONE OR MORE ADJUSTED PARAMETERS FOR PROVISION OF AN UPMIX SIGNAL REPRESENTATION ON THE BASIS OF A DOWNMIX SIGNAL REPRESENTATION AND A PARAMETRIC SIDE INFORMATION ASSOCIATED WITH THE DOWNMIX SIGNAL REPRESENTATION, USING AN AVERAGE VALUE	[54] APPARATUS, METHOD AND COMPUTER PROGRAM FOR PROVIDING ONE OR MORE ADJUSTED PARAMETERS FOR PROVISION OF AN UPMIX SIGNAL REPRESENTATION ON THE BASIS OF A DOWNMIX SIGNAL REPRESENTATION AND A PARAMETRIC SIDE INFORMATION ASSOCIATED WITH THE DOWNMIX SIGNAL REPRESENTATION, USING AN AVERAGE VALUE	[54] LANDING ALERTS FOR PREVENTING RUNWAY EXCURSIONS
[54] APPAREIL, PROCEDE ET PROGRAMME D'ORDINATEUR POUR FOURNIR UN OU PLUSIEURS PARAMETRES AJUSTES POUR LA FOURNITURE D'UNE REPRESENTATION DE SIGNAL DE MIXAGE SUPERIEUR SUR LA BASE D'UNEREPRÉSENTATION DE SIGNAL DE MIXAGE REDUCTEUR ET D'INFORMATIONS AUXILIAIRES PARAMETRIQUES ASSOCIEES A LA REPRESENTATION DE SIGNAL DE MIXAGE REDUCTEUR, A L'AIDE D'UNE VALEUR MOYENN	[54] APPAREIL, PROCEDE ET PROGRAMME D'ORDINATEUR POUR FOURNIR UN OU PLUSIEURS PARAMETRES AJUSTES POUR LA FOURNITURE D'UNE REPRESENTATION DE SIGNAL DE MIXAGE SUPERIEUR SUR LA BASE D'UNEREPRÉSENTATION DE SIGNAL DE MIXAGE REDUCTEUR ET D'INFORMATIONS AUXILIAIRES PARAMETRIQUES ASSOCIEES A LA REPRESENTATION DE SIGNAL DE MIXAGE REDUCTEUR, A L'AIDE D'UNE VALEUR MOYENN	[54] ALERTES D'ATTERRISSAGE SERVANT A PREVENIR LES SORTIES DE PISTE
[72] FALCH, CORNELIA, AT	[72] FALCH, CORNELIA, AT	[72] HENDERSON, MARK, US
[72] HERRE, JUERGEN, DE	[72] HERRE, JUERGEN, DE	[71] THE BOEING COMPANY, US
[72] TERENTIV, LEON, DE	[72] TERENTIV, LEON, DE	[22] 2015-01-08
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE	[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE	[41] 2015-10-16
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		[54] DIABETES THERAPY MANAGEMENT SYSTEM
		[54] SYSTEME DE GESTION DE TRAITEMENT DU DIABETE
		[72] COHEN, GARY, US
		[72] GETSCHMANN, KRISTEN, US
		[72] RAMAN, VIDYA, US
		[72] KO, KENNETH, US
		[72] NAIR, BIJU, US
		[72] TALBOT, CARY, US
		[72] NITZAN, TAMIR, US
		[72] KOVELMAN, PAUL H., US
		[72] HESS, BEE, US
		[71] MEDTRONIC MINIMED, INC., US
		[22] 2009-12-22
		[41] 2010-07-01
		[62] 2,745,169
		[30] US (12/343875) 2008-12-24
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[54] **SYNCHRONIZING PRESENTATION STATES BETWEEN MULTIPLE APPLICATIONS**
[54] **SYNCHRONISATION D'ETATS DE PRESENTATION ENTRE DES APPLICATIONS MULTIPLES**
[72] PENNER, NATHAN ROBERT, US
[72] GARG, SHARAD KUMAR, US
[72] KUMAR, ADITYA, US
[72] GOODWIN, GIDEON, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[21] **2,938,551**
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[25] EN
[54] **DOWNHOLE MULTIPLE BORE ROTARY DIVERTER APPARATUS**
[54] **APPAREIL DE DEFLEXION ROTATIF A ALESAGES MULTIPLES POUR TROUS VERS LE BAS**
[72] INGRAHAM, DEREK, US
[71] SMITH INTERNATIONAL, INC., US
[22] 2010-04-30
[41] 2010-10-30
[62] 2,702,692
[30] US (61/174,406) 2009-04-30

[21] **2,938,558**
[13] A1

[51] **Int.Cl. B01D 21/26 (2006.01) B03B 9/02 (2006.01) E21B 21/06 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **DRILLING FLUID PROCESSING**
[54] **TRAITEMENT DE FLUIDE DE FORAGE**
[72] FOUT, GARY, US
[72] SAVOY, MICHAEL, US
[71] M-I L.L.C., US
[22] 2012-10-01
[41] 2013-04-04
[62] 2,850,193
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[13] A1

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[54] **SYSTEM FOR INDIVIDUALIZED CUSTOMER INTERACTION**
[54] **SYSTEME PERMETTANT D'INDIVIDUALISER UNE INTERACTION CLIENT**
[72] FANO, ANDREW E., US
[72] CUMBY, CHAD M., US
[72] GHANI, RAYID, US
[72] KREMA, MARKO, US
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2005-02-28
[41] 2005-09-15
[62] 2,556,778
[30] US (60/548,261) 2004-02-27

[21] **2,938,781**
[13] A1

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[25] EN
[54] **METHOD FOR DETERMINING VON WILLEBRAND FACTOR ACTIVITY IN THE ABSENCE OF RISTOCETIN AND FOR DETERMINING THE ADAMTS-13 PROTEASE**
[54] **PROCEDE POUR DETERMINER L'ACTIVITE DU FACTEUR VON WILLEBRAND EN L'ABSENCE DE RISTOCETINE ET CELLE DE LA PROTEASE ADAMTS-13**
[72] ALTHAUS, HARALD, DE
[72] OBSER, TOBIAS, DE
[72] PATZKE, JUERGEN, DE
[72] SCHNEPPENHEIM, REINHARD, DE
[71] SIEMENS HEALTHCARE DIAGNOSTICS PRODUCTS GMBH, DE
[22] 2008-07-03
[41] 2009-01-15
[62] 2,692,576
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[21] **2,939,243**
[13] A1

[51] **Int.Cl. A61M 16/00 (2006.01) A61M 16/08 (2006.01)**
[25] EN
[54] **BREATHING-GAS DELIVERY AND SHARING SYSTEM AND METHOD**
[54] **SYSTEME DE DISTRIBUTION ET DE PARTAGE DE GAZ RESPIRATOIRE ET PROCEDE**
[72] FUHRMAN, BRADLEY P., US
[72] DOWHY, MARK S., US
[71] THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK, US
[22] 2008-08-22
[41] 2009-02-26
[62] 2,733,809
[30] US (60/957,383) 2007-08-22
[30] US (61/014,312) 2007-12-17

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[13] A1

[51] **Int.Cl. G01S 5/00 (2006.01) A63B 71/06 (2006.01) G01S 11/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OBJECT TRACKING ANTI-JITTER FILTERING**
[54] **SYSTEME ET PROCEDE POUR FILTRAGE ANTI-GIGUE DE SUIVI D'OBJET**
[72] DEANGELIS, DOUGLAS J., US
[72] REILLY, GERARD M., US
[72] SIGEL, KIRK M., US
[72] EVANSEN, EDWARD G., US
[71] ISOLYNX, LLC, US
[22] 2013-11-12
[41] 2014-05-15
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[54] **COIL ASSEMBLY FOR MAGNETIC RESONANCE IMAGING**

[54] **ENSEMBLE BOBINE POUR L'IMAGERIE PAR RESONANCE MAGNETIQUE**

[72] PIRON, CAMERON, CA

[72] PANTHER, ALEX, CA

[72] THINGVOLD, SHERYL, CA

[72] HARRIS, CHAD, CA

[72] STAINSBY, JEFF, CA

[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB

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[21] **2,939,445**
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[54] **MONITORING AND TRACKING ATHLETIC ACTIVITY**

[54] **CONTROLE ET SUIVI D'UNE ACTIVITE ATHLETIQUE**

[72] HOFFMAN, MICHAEL T., US

[72] CRANKSON, KWAMINA, US

[72] NIMS, JASON, US

[71] NIKE INNOVATE C.V., US

[22] 2010-08-12

[41] 2011-03-10

[62] 2,773,191

[30] US (61/240,185) 2009-09-04

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[21] **2,939,482**
[13] A1

[51] **Int.Cl. G06Q 20/40 (2012.01)**

[25] EN

[54] **PURCHASING ON THE INTERNET USING VERIFIED ORDER INFORMATION AND BANK PAYMENT ASSURANCE**

[54] **METHODE D'ACHAT SUR INTERNET FAISANT APPEL A DES RENSEIGNEMENTS VERIFIES RELATIFS A LA COMMANDE ET A UNE GARANTIE DE PAIEMENT PAR UNE BANQUE**

[72] SINES, RANDY D., US

[72] GREGORY, RANDY A., US

[71] ECARDLESS BANCORP, LTD., US

[22] 2003-11-19

[41] 2005-05-19

[62] 2,450,197

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[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 33/48 (2006.01)**

[25] EN

[54] **PROSTATE CANCER SURVIVAL AND RECURRENCE**

[54] **SURVIE AU CANCER DE LA PROSTATE ET RECURRENCE DE CE DERNIER**

[72] MA, XIAO-JUN, US

[72] WU, CHIN-LEE, US

[72] ERLANDER, MARK G., US

[71] GENERAL HOSPITAL CORPORATION, US

[71] BIOTHERANOSTICS, INC., US

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[41] 2008-08-28

[62] 2,684,897

[30] US (60/891,477) 2007-02-23

[21] **2,939,599**
[13] A1

[51] **Int.Cl. G01V 99/00 (2009.01) G01S 19/16 (2010.01) G01S 5/02 (2010.01)**

[25] EN

[54] **APPROACHES FOR A LOCATION AWARE CLIENT**

[54] **APPROCHES POUR UN CLIENT CONSCIENT D'UN EMPLACEMENT**

[72] LEMIEUX, JACQUES, US

[72] GUPTA, RAVI, US

[71] ABSOLUTE SOFTWARE CORPORATION, CA

[22] 2010-11-23

[41] 2011-06-03

[62] 2,778,925

[30] US (12/628,093) 2009-11-30

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[51] **Int.Cl. G06F 3/14 (2006.01) G06F 17/00 (2006.01) G06F 17/30 (2006.01)**

[25] EN

[54] **DISPLAYING MULTIPLE ROW AND COLUMN HEADER AREAS IN A SUMMARY TABLE**

[54] **AFFICHAGE DE PLUSIEURS ZONES D'EN-TETE A RANGEES ET COLONNES DANS UN TABLEAU RECAPITULATIF**

[72] FOLTING, ALLAN, US

[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US

[22] 2010-01-22

[41] 2010-08-19

[62] 2,748,876

[30] US (12/369,004) 2009-02-11

[21] **2,939,601**
[13] A1

[51] **Int.Cl. B23B 49/02 (2006.01) B23Q 3/18 (2006.01)**

[25] EN

[54] **ALIGNING A MACHINE TOOL WITH A TARGET LOCATION ON A STRUCTURE**

[54] **ALIGNEMENT DE MACHINE-OUTIL AVEC EMPLACEMENT DE CIBLE SUR UNE STRUCTURE**

[72] LIPCZYNSKI, GARY A., US

[72] WHINNEM, ERIC, US

[71] THE BOEING COMPANY, US

[22] 2008-07-16

[41] 2009-02-01

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[30] US (11/832,269) 2007-08-01

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21 HOLDING SAS DI MONICO CAV. SILVANO	2,722,491	AMANO, AKIRA	2,691,384	BACKSTROM, TOM	2,827,272
9069569 CANADA INC.	2,896,854	AMAYA, HISASHI	2,847,111	BAI, XIAOGANG	2,783,271
ABB RESEARCH LTD	2,791,195	AMBROZ, ALEXANDER	2,905,583	BAIER, GRETCHEN	2,675,762
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ABL IP HOLDING LLC	2,849,533	PHARMACEUTICALS, INC.	2,656,000	BALDASSARI, DANIELE	2,849,554
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ADVANCED DRAINAGE SYSTEMS, INC.	2,705,387	APPLE INC.	2,724,865	BARTLING, WERNER	2,748,953
AEROJET ROCKETDYNE OF DE, INC.	2,850,768	APPLE INC.	2,820,986	BASF SE	2,704,647
AFIRMA CONSULTING & TECHNOLOGIES, S.L.	2,644,902	AQUACYC LIMITED	2,757,733	BASF SE	2,716,290
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AGREN, TOMAS	2,711,906	ARANGO, GUILLERMO FRANCISCO	2,819,823	BASF SE	2,725,376
AGROFRESH INC.	2,675,762	ARCELORMITTAL		BASF SE	2,726,500
AHN, JUNHO	2,781,653	INVESTIGACION Y DESARROLLO SL	2,863,497	BASF SE	2,735,396
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MEDTRONIC CRYOCATH LP	2,804,175	MULLHOLLAND, KEITH		METAL CORPORATION	2,862,099
MEDTRONIC MINIMED, INC.	2,816,310	RAYMOND	2,875,147	NIPPON STEEL & SUMITOMO	
MEDTRONIC XOMED, INC.	2,746,660	MULLINS, LESLIE	2,849,533	METAL CORPORATION	2,868,546
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MEIDEL, RICHARD W., JR	2,715,186	PLC	2,684,032	METAL CORPORATION	2,869,838
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MESSIER-BUGATTI-DOWTY	2,857,097	NAKAGAITO, TATSUYA	2,751,411	NOBUKUNI, HISAOKI	2,869,740
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MEUTERMANS, WIM	2,619,457	NALCO COMPANY	2,706,365	NOREN, CARL	2,819,492
MEYER, HELMUT	2,836,446	NANDIWADA,		NOURRY, NICOLAS	2,752,919
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MGNT PRODUCTS GROUP		NARLOW, DOUGLAS A.	2,734,445	CORPORATION	2,645,516
LLC	2,849,593	NATHWANI, SANJAY	2,822,625	NOVABIOTICS LIMITED	2,655,448
MICHELI, MARCO	2,794,035	NEAGU, IRINA	2,733,661	NOVAK, ROBERT	2,786,804
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MILLER, TRYNN ANNE	2,803,768	NESTEC S.A.	2,714,957	OBSHCHESTVO S	
MINAMI, AKINOBU	2,842,800	NESTEC S.A.	2,723,404	OGRANICHENNOY	
MINTA, MOSES	2,715,186	NESTEC S.A.	2,761,133	OTVETSTVENNOSTJU	
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BAYER PHARMA		BIC-VIOLEX SA	2,939,540	BREITENBUCHER, JAMES	2,938,294
AKTIENGESELLSCHAFT	2,939,793	BILYY, ROSTYSLAV	2,937,386	BRESSAN, LUCA	2,937,853
BAYER TECHNOLOGY		BINA, DAVID	2,939,374	BREUER, ARNDT	2,939,839
SERVICES GMBH	2,939,579	BINDSCHADLER, PASCAL	2,939,603	BRIESCHKE, BRIGITTE	2,937,407
BAYLOR RESEARCH		BINGEL, NELSON G., III	2,939,787	BRIGNONE, CHRYSTELLE	2,936,962
INSTITUTE	2,939,343	BIOCHEMTEX S.P.A.	2,939,184	BRIZARD, THIERRY	2,927,529
BAZOU, XAVIER	2,939,607	BIOGEMMA	2,939,163	BROCKSCHNIEDER, DAMIAN	2,939,793
BDBC SCIENCES CORP.	2,939,115	BIONOOX SUISSE SA	2,939,628	BROEMSE, NORBERT	2,936,939
BEAUCAMP, NICOLA	2,937,611	BIOTECHNOLOGY		BROEMSE, NORBERT	2,936,942
BEAULIEU, GASTON	2,932,792	INSTITUTE, I MAS D, S.L.	2,937,716	BROWN, JASON W.	2,939,382
BECK, ALAN DOUGLAS	2,939,110	BJORNHOV, TOBIAS	2,937,160	BROWN, ROSIE	2,937,130
BECKER, JUDITH	2,938,231	BJORNODEGARD, TORE		BRUNEAU, MARC	2,939,150
BECQUERELLE, SAMUEL		MAGNE	2,938,503	BRUNK, DONALD H.	2,937,828
RAYMOND GERMAIN	2,939,840	BLACKWELL, JENNIFER	2,936,773	BRUNSON, GORDON W.	2,937,121
BECTON, DICKINSON AND		BLACKWELL, ROBERT	2,939,497	BUEHLER, FREDERIC	2,937,278
COMPANY	2,938,189	BLASBERG, FLORIAN	2,935,794	BUGNANO, LUCA	2,939,613
BECTON, DICKINSON AND		BLASKOVICH, MARK	2,939,145	BUGNANO, LUCA	2,939,673
COMPANY	2,938,208	BLATTLER, WALTER A.	2,936,962	BUHRMESTER, THORSTEN	2,939,157
BEHLKE, MARK	2,939,124	BLAUCH, MATTHEW	2,939,384	BUHRMESTER, THORSTEN	2,939,160

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BURBIDGE, RICHARD C.	2,939,107	B.V.	2,939,824	CHI, ANDREW S.	2,939,556
BURCH, JASON	2,939,848	CATRINESCU, ELENA	2,939,804	CHILDREN'S NATIONAL	
BURGER, GUNTER	2,935,609	CAUWENBERGHS, SANDRA	2,939,164	MEDICAL CENTER	2,939,345
BURGHARDT, ELLIOT	2,939,124	CAYENNE MEDICAL, INC.	2,939,148	CHIN, CHEN-HO	2,939,107
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BURKETT, ALAN DUNCAN	2,939,770	CEDRA S.A.	2,939,680	CHIU, ANNA	2,939,647
BURKHOLZ, JONATHAN		CELECTIVE SOURCE AB	2,939,676	CHOCHUA, GOCHA	2,939,162
KARL	2,938,189	CELESTE, LAURA LEE	2,939,305	CHOI, HYUNG-NAM	2,939,107
BURKHOLZ, JONATHAN		CELLECTIS	2,937,711	CHOUBEY, BISHU	2,939,310
KARL	2,938,208	CELLECTIS	2,939,711	CHR. HANSEN A/S	2,938,015
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BUROVA, ELENA	2,936,075	CELMATIX, INC.	2,937,502	CHRISTOFIDELLIS,	
BURROUGHS, KIRK ALLAN	2,936,589	CENTRE LEON BERARD	2,939,694	EFSTRATIOS	2,939,540
BURROWS, BRUCE D.	2,939,341	CENTRE LEON BERARD	2,939,700	CHU, JACOB	2,939,695
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BUTLER, ROBERT	2,939,449	RECHERCHE		CHUA, YIT LONG RAYMOND	2,939,166
C&J WELL SERVICES, INC.	2,939,384	SCIENTIFIQUE (C.N.R.S.)	2,937,928	CHUAH, MARINEE	2,936,726
CABILLI, ALBERTO	2,939,613	CENTRE NATIONAL DE LA		CHUKINAS, JONATHAN	2,937,804
CABILLI, ALBERTO	2,939,673	RECHERCHE		CHUNG, JIN YONG	2,939,835
CAGAN, GURER	2,935,472	SCIENTIFIQUE (CNRS)	2,939,467	CIAVARELLA, NICK	
CAI, CHAO	2,939,364	CENTRE NATIONAL DE LA		ERMANNO	2,939,370
CALIZ, CHRIS	2,939,881	RECHERCHE		CLAERHOUT, MIKE	2,939,317
CALLAHAN, PATRICK S.	2,939,509	SCIENTIFIQUE	2,937,386	CLARK, KAREN	2,939,124
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CORPORATION	2,939,455	RECHERCHE		CLARKE, CHRISTINE L.	2,939,861
CAMERON INTERNATIONAL		SCIENTIFIQUE	2,939,694	CLARKE, PAUL	2,939,135
CORPORATION	2,939,536	CENTRE NATIONAL DE LA		CLASSIC CONNECTORS	2,939,560
CAMERON INTERNATIONAL		RECHERCHE		CLEARFLOW, INC.	2,939,622
CORPORATION	2,939,538	SCIENTIFIQUE	2,939,700	CLEARFLOW, INC.	2,939,624
CAMP, GRAY	2,936,123	CFPH, LLC	2,938,878	CLEEK, ROBERT L.	2,938,482
CANCER RESEARCH		CFPH, LLC	2,939,650	CLIFTON, JUSTIN T.	2,939,455
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CANO SARABIA, ANTONIA		CGG SERVICES SA	2,938,926	CLINICK, ANDREW	2,939,568
MARIA	2,939,435	CHA, JAEPYEONG	2,939,345	CLOETTA, DOMINIQUE	2,939,800
CANRIG DRILLING		CHACKSFIELD, JOHN	2,939,231	CLOUGH, NORMAN E.	2,939,235
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CANRIG DRILLING		CHAE, EUN HEE	2,939,835	COLE, MATTHEW S.	2,923,858
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CAO, DONGMING	2,939,459	CHAMBERLAIN, AARON	2,939,639	COLINA, CARLA JEAN	2,937,512
CAPITANI, STEFANO	2,939,352	CHAN, ANSON CHIN PANG	2,939,322	COLL MULET, LLORENC	2,936,564
CAPPER, STEPHEN JAMES	2,939,282	CHAN, LAI YI	2,937,435	COLLAZO, ORLANDO	2,939,235
CARASSO, AYELET	2,939,750	CHANG, HWAI WEN	2,936,962	COLLINS, WILLIAM R.	2,939,443
CAREBAY EUROPE LTD	2,937,812	CHANG, HYUKJAE	2,939,631	COLLIS, ANDREW JOHN	2,939,698
CARLSON, KURTIS DALE	2,939,757	CHAPANERI, ROSHAN V.	2,939,316	COMSA, VIRGIL	2,938,403
CARMICHAEL, JOSEPH		CHAPIN, WILLIAM		COOK, JASON	2,939,804
ALLEN	2,939,796	LAWRENCE	2,939,545	COOL GEAR	
CARNEGIE MELLON		CHAPLIN, NEIL	2,939,411	INTERNATIONAL, LLC	2,939,634
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CASALE SA	2,939,388	CHEN, ALBERT H.	2,939,260	COMPANY	2,939,796
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CASCADIAN THERAPEUTICS,		CHEN, ANDREW XIAN	2,939,562	COOPER, MATTHEW	2,939,145
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CROSIGNANI, STEFANO	2,939,164	DE SOUZA, JEREMY	2,939,804	DOW GLOBAL TECHNOLOGIES LLC	2,939,755
CROUCH, JUSTIN BLAKE	2,939,320	DEANGELIS, PAUL	2,939,441	DR. REDDY'S LABORATORIES LTD.	2,939,562
CROWDSTRIKE, INC.	2,939,877	DEANGELIS, PAUL	2,939,577	DRABNER, GEORG	2,937,611
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CYTODYN INC.	2,939,464	DELTA SCREEN & FILTRATION, LLC	2,939,550	DU, YUANYUAN	2,939,525
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DAIICHI SANKYO COMPANY, LIMITED	2,939,687	DEROS, YANI	2,939,654	DUNN, MOLLY	2,939,580
DAIL, GERRY J.	2,939,657	DESAI, NEERALI JANUBHAI	2,939,111	DUONG, KHANH ANH	2,938,868
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DAME, JOCELYN	2,939,722	DESHARMES, NICOLAS	2,939,386	DUPONT NUTRITION BIOSCIENCES APS	2,937,171
DAMODARAN, RAGURAM	2,939,834	DESHARME, SACHIN G.	2,939,894	DUPONT NUTRITION BIOSCIENCES APS	2,937,599
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DANIEL MEASUREMENT AND CONTROL, INC.	2,939,320	DESPATIS PAQUETTE, BENOIT	2,939,722	DUTTON, GLEN	2,937,130
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DANTAS COSTA, ESTHER	2,938,372	DEVITA, ROBERT	2,939,219	E. I. DU PONT DE NEMOURS AND COMPANY	2,939,156
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ERNHOEFER, DAGMAR	2,939,655	FISHER CONTROLS INTERNATIONAL LLC	2,939,149	FUJITA, KAZUHIRO	2,939,461
ERNST, ROBERT	2,939,636	FISK, THOMAS	2,937,424	FUKUI, KEITA	2,937,999
ERSTZ, ELHAN SULTAN	2,939,580	FISK, THOMAS	2,937,425	FUKUYAMA, SHIRO	2,937,818
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JENSEN, ROY INGE	2,939,423	KAZA, AKHILESH	2,939,511	KOLB, KLAUS	2,939,807
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MULLER, BERND	2,939,865	METAL CORPORATION	2,939,517	OMURA, TOMOHIKO	2,939,517
MULLINS, PATRICK RYAN	2,937,828	NIR TECHNOLOGIES INC.	2,939,147	OMYA INTERNATIONAL AG	2,939,144
MURAI, TOSHIHARU	2,939,461	NISHIDA, HIDETAKA	2,939,466	OMYA INTERNATIONAL AG	2,939,187
MURAKAMI, RYO	2,939,687	NISHIDE, MARI	2,939,207	OMYA INTERNATIONAL AG	2,939,766
MURATA, TAKESHI	2,939,687	NISHIKAWA, YOICHI	2,938,191	ONE DROP DIAGNOSTICS	
MURPHREE, ZACHARY R.	2,939,043	NISHIMORI, TAKEHIRO	2,939,461	SARL	2,939,386
MURPHREE, ZACHARY R.	2,939,230	NISSHIN STEEL CO., LTD.	2,939,817	ONG, YOKE EN	2,939,212
MURPHREE, ZACHARY R.	2,939,257	NIU, HUANING	2,939,818	ONIONS, STUART THOMAS	2,939,355
MURPHY, ANDREW J.	2,935,472	NIWA, YUTA	2,937,999	OOE, YOSHINAO	2,939,314
MURPHY, ANDREW J.	2,936,075	NOBEL BIOCARE SERVICES		OOSTERMAN, JAMES	
MYERS, MICHAEL J.	2,939,497	AG	2,938,332	DENNON	2,939,271
MYHRE, MORTEN	2,939,423	NOBLE-CAMPBELL, PAUL	2,936,774	OPALINSKI, LUKASZ	2,939,519
NABERNIK, STANE	2,939,235	NOJIMA, YUSUKE	2,939,715	OPREA, DAN	2,939,402
NADEN, CHRISTOFFER	2,939,227	NORRIS, JEFF	2,939,114	OPTICA AMUKA (A.A.) LTD.	2,939,664
NAGURA, KENJI	2,939,064	NORTHROP GRUMMAN LITEF		ORNDORFF, TIMOTHY	2,936,825
NAGY, KEVIN D.	2,938,144	GMBH	2,939,173	ORZEL, STEPHEN E.	2,939,644
NAITO, TOSHIYUKI	2,939,524	NOVABONE PRODUCTS, LLC	2,939,616	OSAKA UNIVERSITY	2,939,681
NAKADA, NORIYOSHI	2,939,181	NOVACK, BRIAN H.	2,939,665	OSAKA UNIVERSITY	2,939,822
NAKAMARU, HIROKI	2,939,469	NOVAKOVIC, ZORAN	2,939,651	OSAWA, TAICHI	2,937,999
NAKAMURA, JUN	2,939,517	NOVARTIS AG	2,936,962	OSAWA, TSUTOMU	2,939,515
NAKAMURA, KEI	2,939,344	NOVARTIS AG	2,937,280	OSHITA, SHINYA	2,939,715
NAKATA, YUJI	2,939,314	NOVARTIS AG	2,939,254	OSMOSE UTILITIES	
NAKAYAMA, TOMONORI	2,939,178	NOVELIS INC.	2,939,534	SERVICES, INC.	2,939,787
NANDI, MANASI	2,939,653	NOVO NORDISK A/S	2,939,441	OSTVOLD, ARNOLD	2,939,423
NANNI, MARIO	2,939,857	NOVO NORDISK HEALTH		OSUKI, TAKAHIRO	2,939,517
NASON, KEVIN S.	2,939,148	CARE AG	2,939,577	OTANI, TOMOHIRO	2,939,475
NAVAR, JOSE R.	2,939,455	NOVOZYMES A/S	2,937,818	OUTOTEC (FINLAND) OY	2,939,399
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NAWATA, HIDEKAZU	2,937,999	NOYES, THOMAS	2,939,301	KATHLEEN	2,939,116
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OWENS MERLO, PATRICIA		PEPSICO, INC.	2,938,883	POLYAKOV, ILYA	2,939,375
ANN	2,939,112	PEREZ-CARBONELL, LUCIA	2,939,343	POMA, ERIC	2,937,395
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OYOLA, ARNOLD	2,937,424	PESCOD, CHRISTOPHER		POMA, ERIC	2,937,524
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PAIVA FERREIRA, MICHEL		PHILIP MORRIS PRODUCTS		POTTER, ROBERT	2,936,825
CELESTINO	2,938,378	S.A.	2,935,967	POUPA PARSIGNEAU,	
PALFINGER AG	2,939,141	PHILIP MORRIS PRODUCTS		NADINE	2,939,210
PALMER, SCOTT	2,939,400	S.A.	2,935,971	POUPARDIN, OLIVIA	2,939,570
PALTI, YORAM	2,939,643	PHILIP MORRIS PRODUCTS		POWELL, DANIEL	2,939,636
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PANGBURN, TODD O.	2,939,118	PHILIP MORRIS PRODUCTS		PRECISION PLANTING LLC	2,939,180
PANGULURI,		S.A.	2,937,278	PRICE, MICHAEL	2,939,215
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PANI, DIANA	2,938,403	PHILIP MORRIS PRODUCTS		PRINZHORN, HEINRICH	2,939,534
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J.	2,936,075	S.A.	2,937,722	PROPER, SCOTT THEODORE	2,939,370
PAPIN, GERALDINE	2,939,363	PHILIP MORRIS PRODUCTS		PROTIX BIOSYSTEMS B.V.	2,936,068
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PARIANTE, GRACE	2,939,753	PHINNEY, JONATHON	2,939,417	STEPHANE	2,939,840
PARK, BRIAN VANDELLEYN	2,939,227	PHINNEY, JONATHON	2,939,418	PRYOR, JACK	2,936,773
PARK, JAE HYUN	2,939,501	PHINNEY, ROBIN	2,939,417	PSIMADAS, IOANNIS-MARIOS	2,939,540
PARK, JEONG YEL	2,939,424	PHINNEY, ROBIN	2,939,418	PUGH, MARK	2,939,615
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PARMELY, ART	2,939,582	PIETRZAK, KRZYSZTOF R.	2,938,482	PUJOL AUTONELL, IRMA	2,939,435
PARRON, JEROME	2,939,107	PIEZANOWSKI, LUDIVINE	2,939,444	PULE, MARTIN	2,939,411
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PATEL, SUDHIR	2,939,427	PIONEER HI-BRED		QIN, ZONGHUA	2,939,440
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PAUL, JEFFREY M.	2,939,845	PIONEER HI-BRED		QUALCOMM INCORPORATED	2,939,170
PAUL, WYATT	2,939,163	INTERNATIONAL, INC.	2,939,156	QUALCOMM INCORPORATED	2,939,202
PAULSON, PETER O.	2,939,410	PISTOR, CHRISTOP		QUALCOMM INCORPORATED	2,939,253
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PEDERSON, MARK ALLAN	2,939,443	PISTOR, CHRISTOP		QUALCOMM INCORPORATED	2,939,834
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PENDRY, CRAIG WENDELL	2,939,446	PLESS, LOWELL THOMAS	2,939,777	ALEJANDRO RODRIGUEZ	2,939,188
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		POIROT, LAURENT	2,939,711	RAGG, JOHANN CHRISTOF	2,939,462

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SEXTON, JAY	2,939,338	COMPUTING IRELAND		STEVENS, CURTIS E.	2,939,203
SHADEMAN, AZAD	2,939,345	LIMITED	2,939,608	STEVENS, LUKE	2,939,762
SHAH, KHALID	2,939,546	SIVIGNON, ADELINE	2,937,386	STEVENS, MARK	2,938,150
SHAH, SAMARTH H.	2,939,511	SK BIOPHARMACEUTICALS		STEVENS, ROBERT	2,939,811
SHAH, SAMARTH H.	2,939,568	CO. LTD.	2,939,835	STEVENSON, VAUGHAN	2,939,497
SHANKARANARAYANAN,		SKIBBE, DAVID STEWART	2,939,580	STOVING, PAUL NEWCOMB	2,939,796
VIVEK	2,939,306	SKONIECZNY, JEFFREY	2,936,123	STREHL, MICHAEL	2,939,651
SHANKARANARAYANAN,		SKY URBAN IP PTE LTD	2,939,611	STRIEMER, GRANT EDWARD	2,938,932
VIVEK	2,939,307	SLAFER, BRIAN	2,939,786	STRIEMER, GRANT EDWARD	2,939,199
SHAO, ZHENXIA	2,939,459	SLAGTER, JOHN THOMAS	2,939,489	STRIEMER, GRANT EDWARD	2,939,205
SHAPLEY, JULIAN	2,935,629	SMALL, WILLIAM B., II	2,938,883	STRUCTUR3D PRINTING	
SHARMA, SAMEER	2,939,211	SMEETS, FLORIAN	2,937,071	INCORPORATED	2,939,270
SHARP KABUSHIKI KAISHA	2,939,207	SMID, JOHN P.	2,937,804	STUBHUB, INC.	2,939,233
SHARP KABUSHIKI KAISHA	2,939,528	SMILEY, BRENDA KAY	2,938,052	STUTTLE, MATTHEW	
SHARP KABUSHIKI KAISHA	2,939,533	SMITH, CHRISTOPHER		NICHOLAS	2,939,368
SHARP KABUSHIKI KAISHA	2,939,894	LAWRENCE	2,939,220	SUGAMA, ATSUSHI	2,939,817
SHAW, NIGEL ANDREW	2,933,312	SMITH, KENNETH R.	2,939,632	SULLIVAN, GARY J.	2,935,425
SHELL INTERNATIONALE		SMITH, LOGAN E.	2,939,688	SUMI, SHOICHIRO	2,939,884
RESEARCH		SMITH, LOGAN E.	2,939,767	SUMITOMO DAINIPPON	
MAATSCHAPPIJ B.V.	2,938,915	SMITH, MATTHEW R.	2,923,858	PHARMA CO., LTD.	2,939,326
SHELL INTERNATIONALE		SNYDER, JAMES PATRICK	2,939,786	SUMITOMO METAL MINING	
RESEARCH		SOFEC, INC.	2,939,245	CO., LTD.	2,939,183
MAATSCHAPPIJ B.V.	2,939,397	SOFFIO MEDICAL INC.	2,939,137	SUMITOMO METAL MINING	
SHELLEY, FRANZ J.	2,939,235	SOLAR WATER SOLUTIONS		CO., LTD.	2,939,493
SHERMAN, KENNETH J.	2,939,642	OY	2,939,547	SUMITOMO METAL MINING	
SHETH, DISHA B.	2,936,773	SOLENIS TECHNOLOGIES		CO., LTD.	2,939,513
SHETTI, SHRINIVAS	2,937,835	CAYMAN, L.P.	2,939,614	SUMITOMO METAL MINING	
SHETTY, JAYARAMA K.	2,938,144	SOLIMAN, MOHAMED		CO., LTD.	2,939,809
SHI, YAN	2,939,525	AHMED A.	2,937,372	SUN, HUIKAI	2,939,382
SHIBATA, YASUHIRO	2,939,217	SOMMARSTROM, MATS	2,939,676	SUTHER, JACOB PATRICK	2,937,828
SHIHADDEH, KATIE	2,938,150	SONG, NAN	2,939,525	SUZUKI, DAISUKE	2,939,314
SHIN, JIN-E	2,938,883	SONNTAG, PHILIPPE	2,939,229	SUZUKI, TAKASHI	2,939,687
SHIN, YU JIN	2,939,835	SONNTAG, PHILIPPE	2,939,483	SVENSSON, PEEHR MATHIAS	
SHINDE, SHRIDHAR B.	2,923,673	SONY CORPORATION	2,938,185	ORNFELDT	2,939,457
SHINDENGEN ELECTRIC		SONY CORPORATION	2,939,481	SVRZIKAPA, NENAD	2,936,712
MANUFACTURING CO.,		SONY CORPORATION	2,939,484	SWAY INTERNATIONAL PTY	
LTD.	2,926,913	SORNIK, FRANK	2,935,609	LTD	2,939,244
SHINDENGEN ELECTRIC		SORNIK, FRANK	2,936,575	SWISS VX VENENTHERAPIE	
MANUFACTURING CO.,		SPAHLINGER, GUNTER	2,939,173	UND FORSCHUNG GMBH	2,939,462
LTD.	2,927,030	SPECHT, DIETER	2,935,515	SWOBODA, BENJAMIN	2,939,210
SHINOHARA, YUJI	2,939,481	SPIJKERMAN, HARRIE	2,937,177	SWOBODA, BENJAMIN	2,939,229
SHINOHARA, YUJI	2,939,484	SPIRACUR INC.	2,936,873	SWOGGER, KURT W.	2,939,617
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SYNAPTIVE MEDICAL (BARBADOS) INC.	2,939,262	TERSTEEGEN, ADRIAN	2,939,793	THOMPSON, ANDREW S.	2,939,647
SYNGENTA PARTICIPATIONS AG	2,939,580	TETRA LAVAL HOLDINGS & FINANCE S.A.	2,937,177	THOMPSON, KEVIN M.	2,937,424
SYNGENTA PARTICIPATIONS AG	2,939,761	TETRA LAVAL HOLDINGS & FINANCE S.A.	2,939,800	THOREEN, ADAM M.	2,936,101
SYNGENTA PARTICIPATIONS AG	2,939,772	TETRA LAVAL HOLDINGS & FINANCE S.A.	2,939,870	THOTA, CHANDRASEKHAR	2,939,368
SYZDEK, JAROSLAW	2,939,114	TEW, GAIK WEI	2,939,246	THURSTON, GAVIN	2,936,075
SZILLAT, FLORIAN	2,939,390	TEXTURA CORPORATION	2,939,666	TIAN, HUI	2,939,287
T.T.Y. GENERAL TRADE LINES LTD.	2,939,749	THALMIC LABS INC.	2,939,644	TIGER TOOL INTERNATIONAL INCORPORATED	2,939,298
TACO, INC.	2,939,480	THE BOARD OF TRUSTEES OF THE LELAND STANDFORD JUNIOR UNIVERSITY	2,939,293	TINNAKORN SRISUPHAP, PEERAPOL	2,936,586
TAFESSE, LAYKEA	2,939,501	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	2,939,847	TITAN MACHINERY	2,939,478
TAFESSE, LAYKEA	2,939,549	THE BOEING COMPANY	2,936,101	TITAN MACHINERY	2,939,563
TAKAGI, HITOSHI	2,939,064	THE CHILDREN'S HOSPITAL OF PHILADELPHIA	2,939,557	TJANDRA, MEILIANA	2,939,254
TAKAHASHI, GEN	2,939,472	THE CHUGOKU ELECTRIC POWER CO., INC.	2,939,466	TM4 INC.	2,939,154
TAKAHASHI, SHINJI	2,939,178	THE GILLETTE COMPANY	2,936,939	TOA EIYO LTD.	2,939,491
TAKAHASHI, TAKEO	2,939,066	THE GILLETTE COMPANY	2,936,942	TODA, HIROAKI	2,939,336
TAKAHASHI, TATSUYA	2,939,461	THE HUNAN CYCLE FILTER MEDICAL TECHNOLOGY CO., LTD.	2,935,923	TODA, MASAHISA	2,939,178
TAKAISHI, KAZUYUKI	2,939,493	THE JOHNS HOPKINS UNIVERSITY	2,939,638	TOKVAM AS	2,938,503
TAKAISHI, KAZUYUKI	2,939,513	THE MACKINAC TECHNOLOGY COMPANY	2,939,489	TOKYO INSTITUTE OF TECHNOLOGY	2,936,157
TAKAJO, SHIGEHIRO	2,939,336	THE NANOSTEEL COMPANY, INC.	2,939,134	TOOGOOD, PETER L.	2,939,305
TAKARA BIO USA, INC.	2,939,621	THE PROCTER & GAMBLE COMPANY	2,937,410	TOOHER, J. PATRICK	2,938,403
TAKATA, TAKEHIKO	2,939,687	THE PROCTER & GAMBLE COMPANY	2,937,512	TOPIVERT PHARMA LIMITED	2,939,355
TAKEDA GMBH	2,939,639	THE PROCTER & GAMBLE COMPANY	2,938,304	TORAY INDUSTRIES, INC.	2,939,185
TAKEDA PHARMACEUTICAL COMPANY LIMITED	2,938,191	THE PROCTER & GAMBLE COMPANY	2,938,932	TORAY INDUSTRIES, INC.	2,939,193
TAKEDA PHARMACEUTICAL COMPANY LIMITED	2,939,382	THE PROCTER & GAMBLE COMPANY	2,939,199	TORAY INDUSTRIES, INC.	2,939,196
TAKEDA PHARMACEUTICAL COMPANY LIMITED	2,939,639	THE PROCTER & GAMBLE COMPANY	2,939,205	TORAY INDUSTRIES, INC.	2,939,217
TAKEUCHI, JUNICHI	2,939,533	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	2,939,692	TOSUN, ZEHRA	2,939,616
TAKIYAMA, YOSHIHIRO	2,939,681	THE UNIVERSITY OF BRITISH COLUMBIA	2,939,655	TOTAL MARKETING SERVICES	2,937,928
TALAALOUT, ABDELKRIM	2,927,529	THE UNIVERSITY OF QUEENSLAND	2,939,145	TOTAL MARKETING SERVICES	2,939,363
TALLANDIER, MIREILLE	2,939,570	THE UNIVERSITY OF SYDNEY	2,939,861	TOYE, JONATHAN DALLAS	2,939,331
TALON, PASCAL	2,935,971	THE UNIVERSITY OF TOKYO	2,939,681	TOYOTA JIDOSHA KUBUSHIKI KAISHA	2,937,999
TAMM, CARL RUSSEL	2,939,560	THE UNIVERSITY OF WESTERN ONTARIO	2,939,415	TRAGER, GEORGE	2,939,581
TAMURA, TOSHIYUKI	2,939,468	THEMARK CORPORATION	2,939,625	TRAN, CHI T.	2,939,869
TAN, CHIN HIANG	2,939,347	THERANOS, INC.	2,939,595	TRAN, ZUNG VU	2,939,463
TANAKA, HIROSHI	2,939,329			TRANSOCEAN SEDCO FOREX VENTURES LIMITED	2,939,656
TANAKA, MINORU	2,939,207			TRAVISH, GIL	2,939,811
TANAKA, YUSUKE	2,939,715			TRELYS, INC.	2,935,698
TANG, ZHONGMEI	2,938,144			TREMEL, ALEXANDER	2,939,736
TANI, TOMOKO	2,939,314			TRIBUNE DIGITAL VENTURES, LLC	2,939,311
TANIGUCHI, SHOHEI	2,939,896			TRIEBEL, FREDERIC	2,936,962
TANIMURA, YASUAKI	2,939,185			TRIMBLE, TODD	2,939,567
TANIMURA, YASUAKI	2,939,193			TRIO HEALTHCARE LIMITED	2,939,231
TANIMURA, YASUAKI	2,939,196			TRIOMED AB	2,939,426
TANNEBAUM, WOLFGANG	2,939,798			TROST, PAUL B.	2,939,516
TAVAZOIE, MASOUD FAKHR	2,939,120			TRUFINESCU, ADINA M.	2,939,511
TAVAZOIE, SOHAIL F.	2,939,120			TRUFINESCU, ADINA M.	2,939,568
TAYLOR, CICEK	2,939,652			TRUJILLO, RAFAEL	2,937,512
TAYLOR, CLARKE B.	2,939,305			TSU, DAVID V.	2,939,489
TAYLOR, DOUGLAS	2,939,652			TU, FREDERIC	2,939,233
TAYLOR, GARY HOWARD	2,939,630			TU, NAXIN	2,935,472
TEMPORAL DEFENSE SYSTEMS, LLC	2,939,819			TUCKER, DOMINIC MICHAEL	2,939,580
TEPER, ARIEL	2,939,506			TUCKER, MARK	2,939,819
TERADA, RURIKO	2,939,487			TUCKER, SEAN	2,939,581
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				TURRINELLI, FRANCO	2,939,666

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TYSON, MATTHEW ANTHONY	2,939,356	VAN HUIS, CHAD A.	2,939,305	WALKER, DAVID WINTER	2,939,333
UBUKATA, ATSUSHI	2,939,181	VANDENDRIESSCHE, THIERRY	2,936,726	WALKER, TRACY	2,939,546
UCHIYAMA, MASAYA	2,939,207	VANG, FOUA	2,939,202	WALL GLOBAL LLC	2,939,122
UCL BUSINESS PLC	2,939,411	VARENTEC, INC.	2,939,573	WALL, BILLY RUSSELL, II	2,939,122
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ULM, CHRISTIAN M.	2,937,425	VECCHI, ARMANDO	2,936,526	WALTON, ZACHARY W.	2,939,257
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UNIVERSITAT HAMBURG	2,939,655	VENABLE, JENNIFER DIANE	2,939,355	WANG, JINLIN	2,939,525
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UNIVERSITE CLAUDE BERNARD LYON 1	2,939,700	VERDINE, GREGORY L.	2,936,712	WARFIELD, KELLY	2,939,200
UNIVERSITE D'AUVERGNE	2,937,386	VERHOEVEN, STIJN ANTONIUS PETRUS	2,939,195	WASON, PETER	2,939,110
UNIVERSITE DE NANTES	2,937,386	VERNIER, WILLIAM	2,938,294	WATKINS, RYAN L.	2,939,324
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UNIVERSITE DU QUEBEC A CHICOUTIMI	2,939,413	VIB VZW	2,936,726	WEBB, JULIE ANN	2,939,562
UNIVERSITEIT GENT	2,936,726	VICKERS, TROY	2,938,294	WEBER, CHRISTOPH	2,939,390
UNIVERSITY OF IOWA RESEARCH FOUNDATION	2,939,124	VID D.O.O.	2,939,427	WEGELIN, JACKSON WILLIAM	2,939,370
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UNIVERSITY OF SURREY	2,939,653	VIETZ, MATTHIAS	2,939,825	WEISBURGH, ROSE ELLEN	2,939,796
UNIVERSITY OF ULSTER	2,938,058	VILAIPORNSAWAI, USA	2,939,452	WEISKOPF, KIPP ANDREW	2,939,293
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UPPARA, PARASUVEERA	2,939,307	VISION EASE, LP	2,939,226	WESTERN DIGITAL TECHNOLOGIES, INC.	2,939,260
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UTSUNOMIYA, MASAMICHI	2,939,193	VOLKMER, JENS-PETER	2,939,293	WHITE, CRAIG	2,939,400
UTSUNOMIYA, MASAMICHI	2,939,196	VON ABENDROTH, GREGORY	2,938,231	WHITEBEAR INNOVATIONS LTD.	2,939,374
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VAN DIEPEN, PETER	2,939,828	W.L. GORE & ASSOCIATES, GMBH	2,939,235	WILKINSON, STEPHEN	2,937,294
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WOTTON, PAUL K.	2,939,530	YOKOWO CO., LTD.	2,939,181		
WRAMNER, LARS	2,939,791	YONEYAMA, TOMOAKI	2,939,183		
WRIGHT, TIMOTHY	2,939,426	YONEYAMA, TOMOAKI	2,939,493		
WU, DAQING	2,939,364	YONEYAMA, TOMOAKI	2,939,513		
WU, DAQING	2,939,358	YONEYAMA, TOMOAKI	2,939,809		
WU, FENG	2,939,359	YONG, KWEE	2,939,411		
WU, FENG	2,939,431	YOSHIDA, JUNICHI	2,939,344		
WU, KENNETH	2,939,434	YOSHIMURA, TORU	2,936,157		
WUNDER, FRANK	2,936,873	YOST, GREGG	2,939,799		
WUTTKE, THOMAS	2,939,793	YOUNG, DANIEL	2,939,595		
WYCKOFF, PETER N.	2,939,793	YU, ZHEYONG	2,938,144		
WYSS, FELIX IMMANUEL	2,939,534	YUAN, ZHONGSHUN	2,939,415		
XAVIER, JEAN HARRY	2,936,101	YUKUMOTO, ATSUHIRO	2,939,329		
XENCOR, INC.	2,939,117	ZAGGL, ALEXANDER	2,939,235		
XIA, MEIJIE	2,939,126	ZAHR, MICHAEL RICHARD ADIB	2,939,320		
XIANG, CHENGANG	2,939,626	ZAUS, EDGAR	2,939,629		
XIAO, XIAO	2,939,233	ZAUS, ROBERT	2,939,107		
XIE, YEYUAN	2,939,525	ZELDER, OSKAR	2,938,231		
XIONG, GANG	2,939,535	ZELDER, OSKAR	2,938,372		
XIONG, GANG	2,939,459	ZERKOWSKI, HANS- REINHARD	2,939,615		
XU, CHUNBAO	2,939,146	ZERKOWSKI, HANS- REINHARD	2,939,618		
XU, DONG	2,939,248	ZHANG, CHENYI	2,920,004		
XU, JIZHENG	2,939,415	ZHANG, HAIPENG	2,939,535		
XU, JIZHENG	2,939,233	ZHANG, JUNHAO	2,939,493		
XU, JUN	2,939,431	ZHANG, JUNHAO	2,939,513		
YADIN, YOAV	2,939,434	ZHANG, JUNHAO	2,939,809		
YAKUB, ANDREW X.	2,939,525	ZHANG, JUNHAO	2,939,208		
YALPANI, NASSER	2,939,664	ZHANG, LEI	2,920,004		
YAMAGISHI, YASUAKI	2,939,214	ZHANG, WEI	2,939,415		
YAMAGUCHI, TAKAO	2,938,185	ZHANG, YONGSHENG	2,939,224		
YAMAKAWA, NAO	2,939,822	ZHANG, YUJIAN	2,939,647		
YAMAMOTO, HIROKAZU	2,937,386	ZHAO, XINJUN	2,939,640		
YAMAMOTO, KEITA	2,923,135	ZHAO, YONG	2,939,239		
YAMAMOTO, KENJI	2,939,681	ZHENG, JING	2,939,575		
YAMAMOTO, MAKIKO	2,939,318	ZHERSH, SERGEY	2,939,616		
YAMAMOTO, MAKIKO	2,939,481	ZHONG, JIPIN	2,939,640		
YAMAMOTO, YOSHIKAZU	2,939,484	ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD.	2,939,866		
YAMANAKA, YOICHIRO	2,939,528	ZHOU, LING	2,939,458		
YAN, GUANGMEI	2,939,469	ZHOU, SHAOHUA	2,935,425		
YANAGISAWA, KAZUMICHI	2,939,535	ZHOU, YOU	2,939,156		
YANAGISAWA, KAZUMICHI	2,939,493	ZHU, GENHAI	2,939,254		
YANAGISAWA, KAZUMICHI	2,939,513	ZHU, QINGMING	2,939,845		
YANG, BOO YOUNG	2,939,809	ZHU, ROBERT			
YANMAR CO., LTD.	2,938,915				
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FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2,938,537	NITZAN, TAMIR	2,938,541		
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