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La Gazette

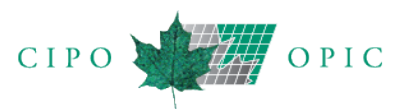
du Bureau des brevets



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THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

Agnès Lajoie
Acting Commissioner of Patents

Agnès Lajoie
Commissaire aux brevets par intérim

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:

2,669,726

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 :

2,669,726

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 March 31, 2015

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1799*
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 31 mars 2015

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1799 \$*
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)) \$270

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

* International fees will be reduced by:

- \$135 for all applications filed using PCT-EASY,
- \$270 for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- \$406 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) 270 \$

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

* Les frais seront réduits de:

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

Avis

- 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.*

Avis

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).

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. Correspondence Procedures

May 8, 2012

Effective May 15, 2012 this notice replaces 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.

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](#).

15. Procédures de correspondance

Le 8 mai 2012

Le présent avis, en vigueur à compter du 15 mai 2012, remplace tous les avis antérieurs 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.

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
2. Industry Canada
5 Place Ville-Marie, Suite 700
Montreal QC H3B 2G2
Tel.: 514-496-1797
Toll-free: 1 888 237-3037
3. Industry Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000
4. Industry Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1 800 461-2646
5. Industry Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. 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.

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
Édifrice C.D. Howe
235, rue Queen, pièce S-143
Ottawa (Ontario) K1A 0H5
Tél. : 613-952-2268
2. Industrie Canada
5, Place Ville-Marie, pièce 700
Montréal (Québec) H3B 2G2
Tél. : 514-496-1797
Sans frais : 1-888-237-3037
3. Industrie Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000
4. Industrie Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646
5. Industrie Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, 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.

Avis

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

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

2. Registered Mail 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 Service of Canada Post is a designated establishment or designated office 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.

2. Service Courrier recommandé 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*, le service Courrier recommandé de Postes Canada est un établissement ou bureau désigné auquel la correspondance adressée au commissaire aux brevets, au Bureau du droit d'auteur ou au registraire des topographies peut être livrée.

Correspondence delivered through the Registered Mail Service of Canada Post will be considered to be received on the date stamped on the envelope by Canada Post, only if it is also a day on which CIPO is open for business. If the date stamp on the Registered Mail is a day when CIPO is closed for business, the Registered Mail will be considered to be received on the next day on which CIPO is open for business.

La correspondance livrée par l'entremise du service Courrier recommandé de Postes Canada sera réputée reçue à la date estampillée sur l'enveloppe par Postes Canada seulement si l'OPIC est ouvert au public à cette date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC.

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.

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.

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 and applications prepared using the PCT-EASY or PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

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

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

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

Notices

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 which 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 covering letter to ensure expedient processing. Payment arrangements may be made through CIPO's Finance Branch at the following number: 819-994-2269.

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 Trademarks, the Copyright Office or the Registrar of Topographies may be sent electronically via [CIPO's Web site](#).

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'acquittement de frais, il faut clairement indiquer le mode de paiement préféré dans la lettre d'envoi en vue d'assurer un traitement rapide. Pour prendre les dispositions nécessaires, on pourra communiquer avec la Direction des finances de l'OPIC en composant le 819-994-2269.

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:

- [application for the registration of a trade-mark](#);
- [filing of a revised 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](#);
- [statement of opposition](#); and
- [request an extension of time in trade-mark opposition proceedings](#).

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 :

- [demande d'enregistrement d'une marque de commerce](#);
- [demande d'enregistrement d'une marque de commerce modifiée](#);
- [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](#).

Notices

Copyrights

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 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 copyrights](#).

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 prescribed in the Patent Rules still remain.

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 oeuvre](#);
- [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. Les exigences relatives à la date de dépôt énoncées à l'article 93 des *Règles sur les brevets* resteront applicables.

Avis

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: PCT-EASY

Pursuant to PCT Rule 89ter, CIPO, in its role as a receiving Office, accepts the filing of an international application containing the request presented as a print-out prepared using the PCT-EASY features of the PCT-SAFE software made available by the International Bureau together with an electronic medium containing a copy in electronic form of the data contained in the request and of the abstract. For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions.

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:

- only on an electronic medium in electronic form in accordance with section 802 of Part 8 of the PCT Administrative Instructions; or
- 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.

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: PCT-EASY

Conformément à la Règle 89ter du PCT, à titre d'office récepteur l'OPIC accepte que le dépôt d'une demande internationale présentée sur support papier et préparée à l'aide des fonctions PCT-EASY du logiciel PCT-SAFE fourni par le Bureau international soit accompagné d'un support électronique contenant une copie sous forme électronique des données figurant dans la demande et l'abrégé. À cette fin, l'office récepteur canadien acceptera tout support électronique indiqué à l'Annexe F des Instructions administratives du PCT.

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 :

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

Notices

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 labelling of the electronic media and the calculation of the international filing fee, refer to Section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

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

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

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

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

Supports électroniques acceptés par le Bureau des brevets

Le Bureau des brevets acceptera des disquettes, 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'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Avis

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

ASCII Format:

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

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.

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

Format TIFF :

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

Format PDF :

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

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.

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 « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

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

Format TIFF :

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

Notices

Photographs in JPEG Format:

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

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

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

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of April 7, 2015 contains applications open to public inspection from March 22, 2015 to March 28, 2015.

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](#).

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 7 avril 2015 contient les demandes disponibles au public pour consultation pour la période du 22 mars 2015 au 28 mars 2015.

Canadian Patents Issued

April 7, 2015

Brevets canadiens délivrés

7 avril 2015

[11] **2,305,350**
[13] C

[51] Int.Cl. C12N 15/12 (2006.01) A61K 38/17 (2006.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01) C12N 5/10 (2006.01) C12N 5/12 (2006.01) C12Q 1/68 (2006.01) G01N 33/53 (2006.01) A61K 48/00 (2006.01)

[25] EN

[54] **COSTIMULATING POLYPEPTIDE OF T CELLS, MONOCLONAL ANTIBODIES, AND THE PREPARATION AND USE THEREOF**

[54] **POLYPEPTIDE COSTIMULANT DE LYMPHOCYTES T, ANTICORPS MONOCLONAUX, LEUR PREPARATION ET LEUR UTILISATION**

[72] KROCZEK, RICHARD, DE

[73] BUNDESREPUBLIK DEUTSCHLAND LETZTVERTRETEN DURCH DEN DIREKTOR DES ROBERT-KOCH-INSTITUTS, DE

[85] 2000-03-22

[86] 1998-09-23 (PCT/DE1998/002896)

[87] (WO1999/015553)

[30] DE (197 41 929.1) 1997-09-23

[30] DE (198 21 060.4) 1998-05-11

[11] **2,321,140**
[13] C

[51] Int.Cl. C12N 5/18 (2006.01) A61K 39/395 (2006.01) A61P 9/00 (2006.01) A61P 37/02 (2006.01) C07H 21/00 (2006.01) C07K 7/00 (2006.01) C07K 16/40 (2006.01) C12N 5/12 (2006.01) C12P 21/08 (2006.01) A61K 38/00 (2006.01) C12N 9/64 (2006.01)

[25] EN

[54] **INHIBITORS OF COMPLEMENT ACTIVATION**

[54] **INHIBITEURS DE L'ACTIVATION DU COMPLEMENT**

[72] FUNG, MICHAEL S. C., US

[72] SUN, CECILY R. Y., US

[72] SUN, BILL N. C., US

[73] GENENTECH, INC., US

[85] 2000-08-21

[86] 1999-02-19 (PCT/US1999/003566)

[87] (WO1999/042133)

[30] US (60/075,328) 1998-02-20

[11] **2,383,367**
[13] C

[51] Int.Cl. C12N 15/34 (2006.01) A61K 39/12 (2006.01) C07K 14/01 (2006.01) C12N 7/00 (2006.01)

[25] EN

[54] **PREVENTION OF MYOCARDITIS, ABORTION AND INTRAUTERINE INFECTION ASSOCIATED WITH PORCINE CIRCOVIRUS-2**

[54] **PREVENTION D'UNE MYOCARDITE, D'UN AVORTEMENT ET D'UNE INFECTION INTRA-UTERINE ASSOCIES AU CIRCOVIRUS PORCIN DE TYPE 2**

[72] ELLIS, JOHN ALBERT, CA

[72] ALLAN, GORDON MOORE, GB

[72] MEEHAN, BRIAN, GB

[72] CLARK, EDWARD, CA

[72] HAINES, DEBORAH, CA

[72] HASSARD, LORI, CA

[72] HARDING, JOHN, CA

[72] CHARREYRE, CATHERINE ELISABETH, FR

[72] CHAPPUIS, GILLES EMILE, FR

[72] KRAKOWKA, GEORGE STEVE, US

[72] AUDONNET, JEAN-CHRISTOPHE FRANCIS, FR

[72] MCNEILLY, FRANCIS, GB

[73] MERIAL, FR

[73] UNIVERSITY OF SASKATCHEWAN, CA

[73] THE QUEEN'S UNIVERSITY OF BELFAST, GB

[85] 2002-02-27

[86] 2000-08-28 (PCT/EP2000/008781)

[87] (WO2001/016330)

[30] US (60/151,564) 1999-08-31

[30] US (09/583,350) 2000-05-31

**Canadian Patents Issued
April 7, 2015**

[11] **2,411,575**
[13] C

[51] **Int.Cl. A61K 39/39 (2006.01) C07H 19/24 (2006.01) C07H 21/00 (2006.01) C07H 21/04 (2006.01) C12N 15/11 (2006.01) A61K 38/00 (2006.01)**

[25] EN

[54] **IMMUNOSTIMULATORY OLIGODEOXYNUCLEOTIDES**

[54] **OLIGONUCLEOTIDES SYNTHETIQUES IMMUNOSTIMULATOIRES**

[72] SCHMIDT, WALTER, AT

[72] LINGNAU, KAREN, AT

[72] SCHELLACK, CAROLA, AT

[72] EGYED, ALENA, AT

[73] VALNEVA AUSTRIA GMBH, AT

[85] 2002-12-04

[86] 2001-06-07 (PCT/EP2001/006433)

[87] (WO2001/093905)

[30] AT (A 1000/2000) 2000-06-08

[30] AT (A 1973/2000) 2000-11-23

[11] **2,412,184**
[13] C

[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 40/02 (2012.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR VERIFYING A FINANCIAL INSTRUMENT**

[54] **SYSTEME ET PROCEDE DE VERIFICATION D'UN INSTRUMENT FINANCIER**

[72] TEMPLETON, JAMES, US

[72] BHARGAVA, SANJAY, US

[73] PAYPAL, INC., US

[85] 2002-12-12

[86] 2001-07-10 (PCT/US2001/021725)

[87] (WO2002/005224)

[30] US (60/217,243) 2000-07-10

[30] US (60/217,202) 2000-07-10

[11] **2,416,055**
[13] C

[51] **Int.Cl. F24C 7/08 (2006.01) A47L 15/42 (2006.01) D06F 39/00 (2006.01) F25D 29/00 (2006.01) G05B 19/042 (2006.01)**

[25] EN

[54] **CONTROL DEVICE OF SIMPLE CONSTRUCTION FOR A HOUSEHOLD ELECTRICAL APPLIANCE**

[54] **DISPOSITIF DE COMMANDE DE CONSTRUCTION SIMPLE POUR APPAREIL ELECTROMENAGER**

[72] SANNA, SALVATORE, IT

[73] WHIRLPOOL CORPORATION, US

[86] (2416055)

[87] (2416055)

[22] 2003-01-10

[30] IT (MI2002A000053) 2002-01-14

[11] **2,434,171**
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[51] **Int.Cl. A61K 38/21 (2006.01) A61K 31/685 (2006.01) A61K 38/19 (2006.01) A61K 38/20 (2006.01) A61K 38/48 (2006.01) A61K 45/06 (2006.01) A61N 1/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01)**

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[54] **THERAPEUTIC MODULATION OF THE TUMOR INFLAMMATORY RESPONSE**

[54] **MODULATION THERAPEUTIQUE DE LA REACTION INFLAMMATOIRE DE TUMEURS**

[72] ROUSSEL, EUGENE, US

[73] IMUNAR CORPORATION, US

[85] 2003-07-09

[86] 2002-01-09 (PCT/US2002/000749)

[87] (WO2002/055024)

[30] US (09/756,978) 2001-01-09

[11] **2,450,458**
[13] C

[51] **Int.Cl. H04W 52/06 (2009.01) H04W 88/02 (2009.01) H04B 7/216 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR COORDINATION OF WIRELESS MAINTENANCE CHANNEL POWER CONTROL**

[54] **SYSTEME ET METHODE DE COORDINATION DE COMMANDE D'ALIMENTATION DE CANAL DE MAINTENANCE SANS FIL**

[72] PROCTOR, JAMES A., JR., US

[73] IPR LICENSING, INC., US

[85] 2003-12-11

[86] 2002-06-11 (PCT/US2002/018445)

[87] (WO2002/101941)

[30] US (60/297,839) 2001-06-13

[11] **2,458,247**
[13] C

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 21/62 (2013.01)**

[25] EN

[54] **A METHOD TO DELAY LOCKING OF SERVER FILES ON EDIT**

[54] **METHODE PERMETTANT DE RETARDER LE VERROUILLAGE DE FICHIERS DE SERVEURS POUR L'EDITION**

[72] EDELSTEIN, NOAH, US

[72] LIU, HAI, US

[72] SALIBA, HANI, US

[73] MICROSOFT CORPORATION, US

[86] (2458247)

[87] (2458247)

[22] 2004-02-17

[30] US (10/376,716) 2003-02-28

[11] **2,465,978**
[13] C

[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/16 (2006.01) A61K 31/41 (2006.01) A61K 31/428 (2006.01) A61K 31/44 (2006.01) A61K 31/47 (2006.01) A61K 31/472 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01) C07C 233/44 (2006.01) C07C 233/80 (2006.01) C07C 235/38 (2006.01) C07C 235/42 (2006.01) C07C 235/56 (2006.01) C07C 235/84 (2006.01) C07C 237/20 (2006.01) C07C 237/22 (2006.01) C07C 237/40 (2006.01) C07C 237/42 (2006.01) C07C 255/58 (2006.01) C07C 255/59 (2006.01) C07C 275/34 (2006.01) C07C 275/36 (2006.01) C07C 311/42 (2006.01) C07C 323/32 (2006.01) C07C 323/36 (2006.01) C07C 323/44 (2006.01)**

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<p>[25] EN</p> <p>[54] INHIBITORS OF HISTONE DEACETYLASE</p> <p>[54] INHIBITEURS DE L'HISTONE-DEACETYLASE</p> <p>[72] WOO, SOON HYUNG, US</p> <p>[72] DELORME, DANIEL, CA</p> <p>[72] BOUCHAIN, GILIANE, CA</p> <p>[72] FRECHETTE, SYLVIE, CA</p> <p>[72] LEIT, SILVANA, CA</p> <p>[72] MORADEI, OSCAR, CA</p> <p>[72] RAEPPEL, STEPHANE, CA</p> <p>[72] VAISBURG, ARKADII, CA</p> <p>[73] METHYLGENE INC., CA</p> <p>[85] 2004-03-05</p> <p>[86] 2002-09-12 (PCT/US2002/029017)</p> <p>[87] (WO2003/024448)</p> <p>[30] US (60/322,402) 2001-09-14</p> <p>[30] US (60/391,728) 2002-06-26</p>	<p style="text-align: right;">[11] 2,501,729 [13] C</p> <p>[51] Int.Cl. G06F 13/00 (2006.01)</p> <p>[25] EN</p> <p>[54] MODEL-BASED MANAGEMENT OF COMPUTER SYSTEMS AND DISTRIBUTED APPLICATIONS</p> <p>[54] GESTION DE SYSTEMES INFORMATIQUES ET D'APPLICATIONS REPARTIES BASEE SUR DES MODELES</p> <p>[72] MCCOLLUM, RAYMOND W., US</p> <p>[72] PALANCA, RADU R., US</p> <p>[72] PFENNING, JORG T., US</p> <p>[72] SUTTON, ALEXANDER M., US</p> <p>[72] BROWN, MARK R., US</p> <p>[73] MICROSOFT CORPORATION, US</p> <p>[85] 2005-04-18</p> <p>[86] 2004-07-12 (PCT/US2004/022378)</p> <p>[87] (WO2005/045559)</p> <p>[30] US (10/692,216) 2003-10-23</p> <p>[30] US (10/692,432) 2003-10-23</p> <p>[30] US (10/693,072) 2003-10-24</p>	<p style="text-align: right;">[11] 2,507,051 [13] C</p> <p>[51] Int.Cl. A61K 38/38 (2006.01) A61K 8/64 (2006.01) A61K 38/07 (2006.01) A61K 38/08 (2006.01) A61K 38/10 (2006.01) A61K 38/14 (2006.01) A61K 38/17 (2006.01) A61L 15/32 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61Q 11/02 (2006.01) A61Q 17/00 (2006.01) A61Q 19/00 (2006.01)</p> <p>[25] EN</p> <p>[54] TREATMENT OF DISEASES AND CONDITIONS MEDIATED BY INCREASED PHOSPHORYLATION</p> <p>[54] TRAITEMENT DE MALADIES ET D'ETATS A MEDIATION DE PHOSPHORYLATION ACCRUE</p> <p>[72] BAR-OR, DAVID, US</p> <p>[73] AMPIO PHARMACEUTICALS, INC., US</p> <p>[85] 2005-05-24</p> <p>[86] 2003-11-25 (PCT/US2003/037901)</p> <p>[87] (WO2004/050023)</p> <p>[30] US (60/429,924) 2002-11-27</p>

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[13] C

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[54] **METHOD FOR STABILIZING DORMANT ORGANISMS BY MIXING WITH A MOISTURE FREE CARRIER**
[54] **PROCEDE POUR STABILISER DES ORGANISMES DORMANTS EN LES MELANGEANT AVEC UN SUPPORT EXEMPT D'HUMIDITE**
[72] WATSON, JAMES B., US
[73] WATSON, JAMES B., CA
[86] (2508532)
[87] (2508532)
[22] 2005-05-17
[30] US (11/055,433) 2005-02-10

[11] **2,522,304**
[13] C

[51] **Int.Cl. B27N 3/12 (2006.01) B27N 3/26 (2006.01)**
[25] EN
[54] **NETLESS FIBER MULCH MATS BOUND WITH BICOMPONENT FIBERS**
[54] **TAPIS SANS NAPPE DE FILET, COMPOSE DE FIBRES DE PAILLIS LIEES AVEC DES FIBRES BICOMPPOSEES**
[72] SPITTLE, KEVIN S., US
[73] PROFILE PRODUCTS, LLC, US
[86] (2522304)
[87] (2522304)
[22] 2005-10-04
[30] US (10/957,785) 2004-10-04

[11] **2,525,942**
[13] C

[51] **Int.Cl. G10L 19/00 (2013.01) H03G 3/32 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS AND COMPUTER PROGRAM FOR CALCULATING AND ADJUSTING THE PERCEIVED LOUDNESS OF AN AUDIO SIGNAL**
[54] **PROCEDE, APPAREIL ET PROGRAMME INFORMATIQUE POUR LE CALCUL ET LE REGLAGE DE LA FORCE SONORE PERCUE D'UN SIGNAL SONORE**
[72] SEEFELDT, ALAN JEFFREY, US
[72] SMITHERS, MICHAEL J., US
[72] CROCKETT, BRETT GRAHAM, US
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
[85] 2005-11-14
[86] 2004-05-27 (PCT/US2004/016964)
[87] (WO2004/111994)
[30] US (60/474,077) 2003-05-28

[11] **2,530,007**
[13] C

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[25] EN
[54] **PLANT CULTIVATING SUBSTRATE AND METHOD OF ITS MANUFACTURE**
[54] **SUBSTRAT DE CULTURE DE PLANTS ET SON PROCEDE DE FABRICATION**
[72] HASHIMOTO, MASAKI, JP
[72] MIYAGAWA, KATSURO, JP
[72] TAKATSUTO, KATSU, JP
[73] SUNTORY HOLDINGS LIMITED, JP
[85] 2005-12-19
[86] 2004-06-18 (PCT/JP2004/008606)
[87] (WO2004/112461)
[30] JP (2003-176107) 2003-06-20

[11] **2,533,641**
[13] C

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[25] EN
[54] **LACTOPEROXIDASE AS AN OSTEOGENESIS PROMOTER**
[54] **LACTOPEROXIDASE EN TANT QUE PROMOTEUR DE L'OSTEOGENESE**
[72] MOTOURI, MUTSUMI, JP
[72] MATSUYAMA, HIROAKI, JP
[72] MORITA, YOSHIKAZU, JP
[72] SERIZAWA, ATSUSHI, JP
[72] KAWAKAMI, HIROSHI, JP
[73] MEGMILK SNOW BRAND CO., LTD., JP
[85] 2006-01-24
[86] 2004-08-13 (PCT/JP2004/011689)
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[30] JP (2003-293829) 2003-08-15

[11] **2,536,238**
[13] C

[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) C07K 16/00 (2006.01) C12P 21/02 (2006.01) C40B 40/08 (2006.01)**
[25] EN
[54] **HUMANIZATION OF ANTIBODIES**
[54] **HUMANISATION D'ANTICORPS**
[72] DALL-ACQUA, WILLIAM, US
[72] DAMSCHRODER, MELISSA, US
[72] WU, HERREN, US
[73] MEDIMMUNE, LLC, US
[85] 2006-02-17
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[54] **SYSTEMS AND METHODS FOR COMMUNICATING USING VOICE MESSAGES**
[54] **SYSTEMES ET PROCEDES DE COMMUNICATION UTILISANT DES MESSAGES VOCAUX**
[72] LASENSKY, PETER J., US
[72] FEHRENBACH, MARK EVERETT, US
[72] ROHMANN, RICHARD EDWARD, US
[73] PACIFIC DATAVISION, INC., US
[85] 2006-02-24
[86] 2004-09-09 (PCT/US2004/029493)
[87] (WO2005/027472)
[30] US (10/659,936) 2003-09-10

[11] **2,545,127**
[13] C

[51] **Int.Cl. G06Q 50/22 (2012.01) G06F 19/00 (2011.01)**
[25] EN
[54] **ELECTRONIC MEDICAL INFORMATION SYSTEM, ELECTRONIC MEDICAL INFORMATION PROGRAMS, AND COMPUTER-READABLE RECORDING MEDIA FOR STORING THE ELECTRONIC MEDICAL INFORMATION PROGRAMS**
[54] **SYSTEME ELECTRONIQUE D'INFORMATION MEDICALE, PROGRAMMES ELECTRONIQUES D'INFORMATION MEDICALE ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR POUR LE STOCKAGE D'INFORMATION MEDICALE ELECTRONIQUE**
[72] MATSUNAGA, ATSUSHI, JP
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[85] 2006-05-05
[86] 2004-10-29 (PCT/JP2004/016138)
[87] (WO2005/045720)
[30] JP (2003-377325) 2003-11-06

[11] **2,545,571**
[13] C

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[25] EN
[54] **PRESSURIZED GAS SAMPLING CONTAINER**
[54] **RECIPIENT D'ECHANTILLONNAGE DE GAZ SOUS PRESSION**
[72] COLEMAN, TODD, US
[72] COLEMAN, DENNIS, US
[73] COLEMAN, TODD, US
[73] COLEMAN, DENNIS, US
[85] 2006-05-11
[86] 2004-11-12 (PCT/US2004/038636)
[87] (WO2005/047865)
[30] US (60/519,410) 2003-11-12

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[13] C

[51] **Int.Cl. H03M 7/30 (2006.01) H04B 1/66 (2006.01) H04L 27/00 (2006.01) H04L 27/22 (2006.01) H04L 27/34 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR WIDE DYNAMIC RANGE REDUCTION**
[54] **METHODE ET APPAREIL DE REDUCTION DE DYNAMIQUE ETENDUE**
[72] GURNEY, DAVID P., US
[72] SCHOOLER, ANTHONY R., US
[73] GENERAL INSTRUMENT CORPORATION, US
[86] (2552020)
[87] (2552020)
[22] 2006-07-13
[30] US (11/207,843) 2005-08-19

[11] **2,552,400**
[13] C

[51] **Int.Cl. G07F 17/32 (2006.01)**
[25] EN
[54] **VIRTUAL GLASS FOR A GAMING MACHINE**
[54] **VERRE VIRTUEL POUR UNE MACHINE DE JEU**
[72] LEMAY, STEVEN G., US
[72] GOODMAN, JOHN, US
[72] SCHLOTTMANN, GREGORY A., US
[73] IGT, US
[85] 2006-07-04
[86] 2005-01-06 (PCT/US2005/000387)
[87] (WO2005/071628)
[30] US (10/756,225) 2004-01-12

[11] **2,555,640**
[13] C

[51] **Int.Cl. G01V 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING BOREHOLE SEISMIC DATA**
[54] **PROCEDE DE TRAITEMENT DE DONNEES SISMIQUES DE Puits DE FORAGE**
[72] FULLER, BRIAN NELSON, US
[72] STERLING, JOHN MARCUS, US
[73] STERLING, JOHN MARCUS, US
[73] FULLER, BRIAN NELSON, US
[85] 2006-08-04
[86] 2005-02-03 (PCT/US2005/003258)
[87] (WO2005/078478)
[30] US (60/542,568) 2004-02-06
[30] US (11/049,234) 2005-02-02

[11] **2,555,705**
[13] C

[51] **Int.Cl. A61B 3/10 (2006.01)**
[25] EN
[54] **VOLUMETRIC POINT SPREAD FUNCTION FOR EYE DIAGNOSIS AND TREATMENT**
[54] **FONCTION D'ETALEMENT PONCTUEL VOLUMETRIQUE DESTINEE AU DIAGNOSTIC ET AU TRAITEMENT DE L'OEIL**
[72] GROSS, ERIK, US
[72] DAI, GUANGMING, US
[72] CAMPBELL, CHARLES, US
[73] VISX, INCORPORATED, US
[85] 2006-08-10
[86] 2005-02-22 (PCT/US2005/005708)
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[30] US (60/546,416) 2004-02-20
[30] US (60/548,709) 2004-02-27

[11] **2,558,342**
[13] C

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[25] EN
[54] **POPCORN MAKER**
[54] **ECLATEUR DE MAIS**
[72] KERNAN, COLIN MICHAEL, US
[73] CONAIR CORPORATION, US
[86] (2558342)
[87] (2558342)
[22] 2006-09-01
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[13] C

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[25] FR
[54] **PEPTIDE CAPABLE OF ALTERING TUBULIN POLYMERIZATION AND USE THEREOF FOR INHIBITING CELL PROLIFERATION**
[54] **PEPTIDE CAPABLE D'ALTERER LA POLYMERISATION DE LA TUBULINE ET SON UTILISATION POUR INHIBER LA PROLIFERATION CELLULAIRE**
[72] BOCQUET, ARNAUD, FR
[72] EYER, JOEL, FR
[72] PETERSON, ALAN, CA
[73] UNIVERSITE D'ANGERS, FR
[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[73] MCGILL UNIVERSITY, CA
[85] 2006-10-31
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[87] (WO2005/121172)
[30] FR (0404742) 2004-05-04

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[13] C

[51] **Int.Cl. A61F 2/02 (2006.01) A61F 2/966 (2013.01) A61M 25/01 (2006.01)**
[25] EN
[54] **IMPLANT DELIVERY APPARATUS**
[54] **DISPOSITIF D'INTRODUCTION D'IMPLANT**
[72] DWYER, CLIFFORD, US
[72] WILLIAMSON, MICHAEL V., JR., US
[72] BONSIGNORE, CRAIG, US
[73] CORDIS CORPORATION, US
[86] (2565659)
[87] (2565659)
[22] 2006-10-26
[30] US (11/264,586) 2005-11-01

[11] **2,568,020**
[13] C

[51] **Int.Cl. C12N 7/01 (2006.01) A61K 39/12 (2006.01) C07K 14/11 (2006.01) C12N 9/24 (2006.01) C12N 15/31 (2006.01) C12N 15/44 (2006.01) C12N 15/56 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **INFLUENZA HEMAGGLUTININ AND NEURAMINIDASE VARIANTS**
[54] **VARIANTES HEMAGGLUTININE ET NEURAMINIDASE DE LA GRIPPE**
[72] YANG, CHIN-FEN, US
[72] KEMBLE, GEORGE, US
[72] SUBBARAO, KANTA, US
[72] MURPHY, BRIAN, US
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH SERVICES, NATIONAL INSTITUTES OF HEALTH, US
[73] MEDIMMUNE, LLC, US
[85] 2006-11-24
[86] 2005-05-20 (PCT/US2005/017733)
[87] (WO2005/116260)
[30] US (60/574,553) 2004-05-25
[30] US (60/657,554) 2005-02-28

[11] **2,569,342**
[13] C

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[25] EN
[54] **PASSWORD PROTOCOL FOR DATA COMMUNICATION SYSTEM**
[54] **PROTOCOLE DE MOT DE PASSE POUR SYSTEME DE TRANSMISSION DE DONNEES**
[72] BROWN, DANIEL R., CA
[72] STRUIK, MARINUS, CA
[73] CERTICOM CORP., CA
[86] (2569342)
[87] (2569342)
[22] 2006-11-29

[11] **2,570,082**
[13] C

[51] **Int.Cl. G01F 25/00 (2006.01) G01F 15/04 (2006.01)**
[25] EN
[54] **PORTABLE DIAGNOSTIC ANALYSIS OF GAS METER AND ELECTRONIC CORRECTOR**
[54] **ANALYSEUR DE DIAGNOSTIC PORTATIF DE COMPTEUR DE GAZ ET DE CORRECTEUR ELECTRONIQUE**
[72] ARTIUCH, ROMAN LEON, US
[73] DRESSER, INC., US
[86] (2570082)
[87] (2570082)
[22] 2006-12-06
[30] US (11/299,020) 2005-12-09

[11] **2,571,047**
[13] C

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[25] EN
[54] **PARAVALVULAR LEAK DETECTION, SEALING AND PREVENTION**
[54] **DETECTION DE FUITE PARAVALVULAIRE, REPARATION ET PREVENTION**
[72] SPENSER, BENJAMIN, IL
[72] BENICHO, NETANEL, IL
[72] BASH, ASSAF, IL
[72] DEHDASHTIAN, MARK, US
[73] EDWARDS LIFESCIENCES PVT, INC., US
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[86] 2005-06-30 (PCT/US2005/023584)
[87] (WO2006/005015)
[30] US (10/883,575) 2004-06-30

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[72] SCAPPATICCI, ALBERT V., US

[72] LOO, THOMAS, US

[72] BONG, BAN S., US

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[72] STOREY, ROBSON F., US

[73] CHEVRON ORONITE COMPANY LLC, US

[73] THE UNIVERSITY OF SOUTHERN MISSISSIPPI, US

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[72] ASHIZAWA, SHIGEO, JP

[72] KANO, YASUO, JP

[72] KAGA, KIKUO, JP

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[72] CURELLO, ANDREW J., US

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[54] **CONDUCTEUR ELECTRIQUE POUR LIGNES AERIENNES**

[72] GUERY, DANIEL, BE

[72] MARTIN, MICHEL, BE

[72] DUBOIS, PHILIPPE, BE

[72] ALEXANDRE, MICHAEL, BE

[72] DUBOULOZ, FABRICE, BE

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[72] LIU, ZIPING, CA
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[72] SLANIA, SARAH J., US
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[72] FINCH, MICHAEL DOUGLAS, AU
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[72] WANG, TAO, US
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[72] POIRIER, MARC, US
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[72] VITT, PAUL HADLEY, US
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[73] GENERAL ELECTRIC COMPANY, US
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[72] VANASSELONK, ROB, CA
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[54] **ESCALIER MECANIQUE AVEC BROSSES A PEIGNES, PEIGNE A MARCHES DE CET ESCALIER ET METHODE DE MODERNISATION D'UN ESCALIER MECANIQUE**
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[73] INVENTIO AG, CH
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[72] DIAZ, CLEMENTE R., US
[73] LOUISIANA-PACIFIC CORPORATION, US
[86] (2599812)
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[22] 2007-08-29
[30] US (11/468,309) 2006-08-30

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[11] **2,600,874**
[13] C

[51] **Int.Cl. H03M 7/30 (2006.01) G10L 19/018 (2013.01) H04L 12/70 (2013.01)**

[25] EN

[54] **COMPRESSED DOMAIN ENCODING APPARATUS AND METHODS FOR USE WITH MEDIA SIGNALS**

[54] **APPAREIL DE CODAGE DE DOMAINE COMPRI ME ET METHODES POUR UTILISER DES SIGNAUX MEDIA**

[72] PRICE, LOIS, US

[72] RAMASWAMY, ARUN, US

[72] COOPER, SCOTT, US

[73] THE NIELSEN COMPANY (US), LLC, US

[85] 2007-09-13

[86] 2005-04-19 (PCT/US2005/013507)

[87] (WO2006/098736)

[30] US (60/661,527) 2005-03-14

[11] **2,602,601**
[13] C

[51] **Int.Cl. A63H 18/02 (2006.01)**

[25] EN

[54] **TOY VEHICLE TRACK SET**

[54] **ENSEMBLE DE PISTES POUR VEHICULES-JOUETS**

[72] NUTTALL, MICHAEL, US

[73] MATTEL, INC., US

[86] (2602601)

[87] (2602601)

[22] 2007-09-17

[30] US (11/525,241) 2006-09-20

[11] **2,602,994**
[13] C

[51] **Int.Cl. F01D 25/24 (2006.01) B21B 17/02 (2006.01) B21H 7/00 (2006.01) B23P 15/00 (2006.01) F01D 21/04 (2006.01) F02C 7/00 (2006.01)**

[25] EN

[54] **ANNULAR GAS TURBINE ENGINE CASE AND METHOD OF MANUFACTURING**

[54] **CARTER ANNULAIRE POUR MOTEUR A TURBINE A GAZ ET METHODE DE FABRICATION CONNEXE**

[72] ELEFThERIOU, ANDREAS, CA

[72] FISH, JASON, CA

[72] HUNT, STEVEN, CA

[72] BOKAN, STEVEN, CA

[73] PRATT & WHITNEY CANADA CORP., CA

[86] (2602994)

[87] (2602994)

[22] 2007-09-19

[30] US (11/537,903) 2006-10-02

[11] **2,603,061**
[13] C

[51] **Int.Cl. A01D 59/02 (2006.01) A01D 41/12 (2006.01) A01D 91/00 (2006.01) A01F 15/14 (2006.01) G01V 15/00 (2006.01)**

[25] EN

[54] **AUTOMATED SYSTEM FOR IN-FIELD STORAGE, TRACEABILITY AND UNLOADING OF HARVEST PRODUCTS OF HARVESTED MATERIAL FROM A HARVESTING MACHINE**

[54] **SYSTEME AUTOMATISE POUR LE STOCKAGE SUR PLACE, LA TRACABILITE ET LE DECHARGEMENT DE PRODUITS RECOLTES A PARTIR D'UNE MACHINE A RECOLTER**

[72] PICKETT, TERENCE D., US

[72] FAIVRE, STEPHEN M., US

[73] DEERE & COMPANY, US

[86] (2603061)

[87] (2603061)

[22] 2007-09-19

[30] US (11/525,772) 2006-09-22

[11] **2,603,503**
[13] C

[51] **Int.Cl. F01D 25/24 (2006.01) B21B 17/02 (2006.01) B21H 1/06 (2006.01) B21K 1/26 (2006.01) B23K 1/00 (2006.01) B23P 15/00 (2006.01)**

[25] EN

[54] **ANNULAR GAS TURBINE ENGINE CASE AND METHOD OF MANUFACTURING**

[54] **CARTER ANNULAIRE POUR MOTEUR A TURBINE A GAZ ET METHODE DE FABRICATION CONNEXE**

[72] SAVOIE, JEAN, CA

[72] TURNER, DANIEL P., CA

[73] PRATT & WHITNEY CANADA CORP., CA

[86] (2603503)

[87] (2603503)

[22] 2007-09-21

[30] US (11/537,908) 2006-10-02

[11] **2,604,409**
[13] C

[51] **Int.Cl. C08L 23/22 (2006.01) C08C 19/22 (2006.01) C08C 19/24 (2006.01) C08J 3/20 (2006.01) C08J 3/24 (2006.01) C08K 5/00 (2006.01) C08L 23/28 (2006.01)**

[25] EN

[54] **BUTYL RUBBER IONOMER NANOCOMPOSITES**

[54] **MATERIAUX NANOCOMPOSITES IONOMERIQUES DE BUTYLCAOUTCHOUC**

[72] RESENDES, RUI, CA

[72] ADKINSON, DANA, CA

[73] LANXESS INC., CA

[86] (2604409)

[87] (2604409)

[22] 2007-09-27

[30] US (60/876,662) 2006-12-22

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[11] **2,605,952**
[13] C

[51] **Int.Cl. F23R 3/28 (2006.01) F02C 7/22 (2006.01) F23D 11/38 (2006.01)**

[25] FR

[54] **FUEL INJECTOR FOR A GAS TURBINE ENGINE COMBUSTION CHAMBER**

[54] **INJECTEUR DE CARBURANT POUR CHAMBRE DE COMBUSTION DE MOTEUR A TURBINE A GAZ**

[72] BAINVILLE, FRANCOIS RENE DANIEL, FR

[72] SANDELIS, DENIS JEAN MAURICE, FR

[72] TOUCHAUD, STEPHANE HENRI GUY, FR

[73] SNECMA, FR

[86] (2605952)

[87] (2605952)

[22] 2007-10-05

[30] FR (0654137) 2006-10-06

[11] **2,606,035**
[13] C

[51] **Int.Cl. B65G 43/08 (2006.01) B65G 47/84 (2006.01)**

[25] EN

[54] **CONVEYOR SYSTEM WITH GATE READER ASSEMBLY**

[54] **SYSTEME TRANSPORTEUR AVEC ENSEMBLE LECTEUR DE PORTILLON**

[72] KOWALCHUK, DAN, CA

[73] LABOTIX AUTOMATION INC., CA

[86] (2606035)

[87] (2606035)

[22] 2007-10-03

[11] **2,606,385**
[13] C

[51] **Int.Cl. G06Q 30/06 (2012.01) G07F 11/00 (2006.01) G07F 17/16 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR REGULATING VENDIBLE MEDIA PRODUCTS**

[54] **SYSTEME ET PROCEDE DE REGULATION DE PRODUITS MULTIMEDIA COMMERCIALISABLES**

[72] LOWE, J. MITCH, US

[72] HOERSTEN, ERIC, US

[72] HAMILTON, DEVIN, US

[73] REDBOX AUTOMATED RETAIL, LLC, US

[85] 2007-10-18

[86] 2006-04-21 (PCT/US2006/015125)

[87] (WO2006/116108)

[30] US (60/674,011) 2005-04-22

[11] **2,606,619**
[13] C

[51] **Int.Cl. B01F 3/06 (2006.01) B01F 5/00 (2006.01) E21B 43/12 (2006.01) F04B 47/00 (2006.01) F04D 13/08 (2006.01)**

[25] EN

[54] **GAS HANDLING IN A WELL ENVIRONMENT**

[54] **MANUTENTION DE GAZ DANS UN ENVIRONNEMENT DE FORAGE**

[72] JOHNSON, ASHLEY B., GB

[73] SCHLUMBERGER CANADA LIMITED, CA

[86] (2606619)

[87] (2606619)

[22] 2007-10-15

[30] US (11/550,875) 2006-10-19

[11] **2,607,571**
[13] C

[51] **Int.Cl. C07D 487/22 (2006.01)**

[25] EN

[54] **PROCESS FOR PREPARING CHLORIDES OF PHTHALOCYANINE DERIVATIVES COMPRISING AT LEAST A QUATERNARY AMMONIUM GROUP**

[54] **PROCEDE D'ELABORATION DE DERIVES DE CHLORURES DE PHTHALOCYANINE PORTANT AU MOINS UN GROUPE AMMONIUM QUATERNAIRE**

[72] DEI, DONATA, IT

[72] CHITI, GIACOMO, IT

[72] NISTRI, DANIELE, IT

[72] RONCUCCI, GABRIO, IT

[72] VELDERS, ALDO HENDRIKUS, NL

[72] DEMARTIS, SALVATORE, IT

[72] PASCHETTA, VALENTINA, IT

[73] MOLTENI THERAPEUTICS S.R.L., IT

[85] 2007-11-05

[86] 2006-05-04 (PCT/EP2006/062059)

[87] (WO2006/117396)

[30] IT (FI2005A000093) 2005-05-05

[11] **2,607,737**
[13] C

[51] **Int.Cl. B27K 3/15 (2006.01) B05D 7/08 (2006.01) B27K 5/00 (2006.01) B27N 7/00 (2006.01)**

[25] EN

[54] **METHOD FOR TREATING WOOD SURFACES**

[54] **PROCEDE DE TRAITEMENT DE SURFACES DE BOIS**

[72] KINGMA, AREND JOUKE, DE

[72] WAGNER, EVA, DE

[72] GRAF, KARL, DE

[72] MENZEL, KLAUS, DE

[72] MILITZ, HOLGER, DE

[72] KRAUSE, ANDREAS, DE

[72] XIE, YANJUN, DE

[72] MAI, CARSTEN, DE

[73] BASF AKTIENGESELLSCHAFT, DE

[85] 2007-10-29

[86] 2006-04-28 (PCT/EP2006/004020)

[87] (WO2006/117163)

[30] DE (102005020387.6) 2005-05-02

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[11] **2,608,337**
[13] C

[51] **Int.Cl. C12Q 1/66 (2006.01)**
[25] EN
[54] **LUCIFERASE DETECTION ASSAY SYSTEM**
[54] **SYSTEME DE DOSAGE DE DETECTION DE LA LUCIFERASE**
[72] VAN LUNE, HARRY, NL
[72] BRUGGEMAN, JOHAN JOCHEM, NL
[73] PERKINELMER LIFE AND ANALYTICAL SCIENCES B.V., NL
[85] 2007-11-13
[86] 2006-05-12 (PCT/NL2006/000246)
[87] (WO2006/121331)
[30] US (60/681,093) 2005-05-13
[30] EP (05076165.9) 2005-05-18

[11] **2,609,527**
[13] C

[51] **Int.Cl. C07D 493/04 (2006.01) A01N 43/90 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **PEST CONTROL AGENTS**
[54] **AGENT ANTIPARASITAIRE**
[72] GOTO, KIMIHIKO, JP
[72] HORIKOSHI, RYO, JP
[72] TSUCHIDA, MARIKO, JP
[72] OYAMA, KAZUHIKO, JP
[72] OMURA, SATOSHI, JP
[72] TOMODA, HIROSHI, JP
[72] SUNAZUKA, TOSHIKI, JP
[73] THE KITASATO INSTITUTE, JP
[73] MEIJI SEIKA PHARMA CO., LTD., JP
[85] 2007-11-22
[86] 2006-05-31 (PCT/JP2006/310883)
[87] (WO2006/129714)
[30] JP (2005-161019) 2005-06-01

[11] **2,609,712**
[13] C

[51] **Int.Cl. C23C 16/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR THERMAL MANAGEMENT OF ELECTRONIC COMPONENTS**
[54] **SYSTEMES ET PROCEDES POUR LA GESTION THERMIQUE DE COMPOSANTS ELECTRONIQUES**
[72] LASHMORE, DAVID S., US
[72] BROWN, JOSEPH J., US
[73] NANOCOMP TECHNOLOGIES, INC., US
[85] 2007-11-21
[86] 2006-04-28 (PCT/US2006/016255)
[87] (WO2006/127208)
[30] US (60/684,821) 2005-05-26

[11] **2,610,604**
[13] C

[51] **Int.Cl. B61D 7/02 (2006.01) B61D 17/04 (2006.01) F17C 1/02 (2006.01)**
[25] EN
[54] **HOLLOW RAILROAD CAR STRUCTURE**
[54] **STRUCTURE CREUSE DE VOITURE DE CHEMIN DE FER**
[72] FORBES, JAMES W., CA
[73] NATIONAL STEEL CAR LIMITED, CA
[86] (2610604)
[87] (2610604)
[22] 2007-11-14

[11] **2,610,606**
[13] C

[51] **Int.Cl. E21B 33/12 (2006.01)**
[25] EN
[54] **PACKER CUP SYSTEMS FOR USE INSIDE A WELLBORE**
[54] **SYSTEMES DE COUPELLES DE PACKER POUR UTILISATION A L'INTERIEUR D'UN Puits DE FORAGE**
[72] XU, ZHENG RONG, US
[72] LUCAS, CHAD, US
[72] MORRISON, RICHARD, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[86] (2610606)
[87] (2610606)
[22] 2007-11-14
[30] US (60/868,189) 2006-12-01
[30] US (11/679,992) 2007-02-28

[11] **2,611,112**
[13] C

[51] **Int.Cl. F01D 5/14 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **LP TURBINE BLADE AIRFOIL PROFILE**
[54] **PROFIL AERODYNAMIQUE D'AUBE MOBILE DE TURBINE BASSE PRESSION**
[72] KIDIKIAN, JOHN, CA
[72] VLASIC, EDWARD, CA
[72] GIRGIS, SAMI, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2611112)
[87] (2611112)
[22] 2007-11-20
[30] US (11/563,797) 2006-11-28

[11] **2,611,471**
[13] C

[51] **Int.Cl. B22C 7/00 (2006.01) B22C 9/00 (2006.01)**
[25] EN
[54] **DISPOSABLE INSERT, AND USE THEREOF IN A METHOD FOR MANUFACTURING AN AIRFOIL**
[54] **MISE JETABLE, ET SON APPLICATION DANS LA FABRICATION D'UN AILERON**
[72] LEE, CHING-PANG, US
[72] WANG, HSIN-PANG, US
[72] UPADHYAY, RAM KUMAR, US
[72] MYERS, PAUL RICHARD, US
[72] EDGAR, MARC THOMAS, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2611471)
[87] (2611471)
[22] 2007-11-22
[30] US (11/567,443) 2006-12-06

[11] **2,612,528**
[13] C

[51] **Int.Cl. A01D 7/02 (2006.01)**
[25] EN
[54] **FIXED TINE LEAF RAKE**
[54] **RATEAU A FEUILLES A DENTS FIXES**
[72] WONG, KEVIN, US
[73] CORONA CLIPPER, INC., US
[86] (2612528)
[87] (2612528)
[22] 2007-11-28
[30] US (11/605,928) 2006-11-29

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[13] C

[51] **Int.Cl. C09C 1/02 (2006.01) C01F 11/18 (2006.01) C09C 3/04 (2006.01) D21H 17/00 (2006.01) D21H 19/00 (2006.01)**

[25] EN

[54] **PROCESS TO DISPERSE AND/OR GRIND AND/OR CONCENTRATE CALCIUM CARBONATE IN AQUEOUS MEDIA USING AN AQUEOUS SOLUTION CONTAINING ZIRCONIUM COMPOUNDS**

[54] **PROCEDE POUR LA DISPERSION ET/OU LE BROYAGE ET/OU LA CONCENTRATION DE CARBONATE DE CALCIUM DANS UNE SOLUTION AQUEUSE CONTENANT DU ZIRCONIUM**

[72] BURI, MATTHIAS, CH
[72] SCHOELKOPF, JOACHIM, CH
[72] KAESSBERGER, MICHAEL, CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2007-12-21
[86] 2006-07-11 (PCT/IB2006/001945)
[87] (WO2007/012935)
[30] EP (05076705.2) 2005-07-25

[11] **2,614,601**
[13] C

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 47/34 (2006.01) A61L 31/04 (2006.01) A61L 31/16 (2006.01) A61M 31/00 (2006.01) A61P 25/18 (2006.01)**

[25] EN

[54] **DRUG-CONTAINING IMPLANTS AND METHODS OF USE THEREOF**

[54] **IMPLANTS CONTENANT UN MEDICAMENT ET LEUR PROCEDE D'UTILISATION**

[72] SIEGEL, STEVEN, US
[72] WINEY, KAREN, US
[73] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US

[85] 2008-01-08
[86] 2006-07-18 (PCT/US2006/027894)
[87] (WO2007/011955)
[30] US (11/183,232) 2005-07-18
[30] US (11/195,845) 2005-08-03

[11] **2,615,156**
[13] C

[51] **Int.Cl. F24C 7/04 (2006.01)**

[25] EN

[54] **A PLATE-TYPE HEATER AND A METHOD FOR THE MANUFACTURE THEREOF**

[54] **RADIATEUR PLAT ET PROCEDE DE FABRICATION**

[72] SEO, TAE SUK, KP
[73] CARBONIC HEAT CORPORATION, US

[85] 2008-01-11
[86] 2006-07-07 (PCT/US2006/026639)
[87] (WO2007/008734)
[30] KP (1020050062812) 2005-07-12

[11] **2,615,233**
[13] C

[51] **Int.Cl. G01N 33/50 (2006.01)**

[25] EN

[54] **METHOD FOR MEASURING TYROSINE KINASE PHOSPHORYLATION**

[54] **PROCEDE DE MESURE DE LA PHOSPHORYLATION DES TYROSINE KINASES**

[72] HENZLER, TANJA, DE
[72] HOCK, BJOERN, DE
[72] BLAUKAT, ANDREE, DE
[72] HOFMANN, UWE, DE
[73] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE

[85] 2008-01-14
[86] 2006-07-07 (PCT/EP2006/006642)
[87] (WO2007/009613)
[30] EP (05015493.9) 2005-07-16

[11] **2,615,266**
[13] C

[51] **Int.Cl. B60D 1/18 (2006.01) B60P 3/12 (2006.01)**

[25] EN

[54] **METHOD FOR SECURING AXLE TO TRUCK FRAME FOR NON SELF-PROPELLED TRANSPORT**

[54] **METHODE DE FIXATION D'ESSIEU A UN CHASSIS DE PORTE-VEHICULES POUR TRANSPORT NON AUTOTRACTE**

[72] SCHUETTENBERG, DONALD W., US
[73] ATC LEASING COMPANY, LLC, US

[86] (2615266)
[87] (2615266)
[22] 2007-12-19
[30] US (11/618,406) 2006-12-29

[11] **2,616,310**
[13] C

[51] **Int.Cl. F04D 29/36 (2006.01)**

[25] EN

[54] **COMPACT VARIABLE PITCH FAN**

[54] **SOUFFLANTE COMPACTE A PAS VARIABLE**

[72] MCCALLUM, JONATHAN E., CA
[72] DEWAR, KEVIN J., CA
[72] ANTOSZKO, GEORGE, CA
[72] WESTBROOK, CAMERON D., CA
[72] NORELL, ANDREW L., CA
[72] NELSON, TERRY D., CA
[72] ROMANO, BRENDAN A., CA
[73] FLEXXAIRE INC., CA

[86] (2616310)
[87] (2616310)
[22] 2008-01-31

[11] **2,619,022**
[13] C

[51] **Int.Cl. A61F 2/24 (2006.01)**

[25] EN

[54] **A DEVICE AND METHOD FOR IMPROVING THE FUNCTION OF A HEART VALVE**

[54] **DISPOSITIF ET PROCEDE VISANT A AMELIORER LA FONCTION D'UNE VALVULE CARDIAQUE**

[72] KERAENEN, OLLI, SE
[73] MEDTENTIA INTERNATIONAL LTD OY, FI

[85] 2008-02-14
[86] 2006-09-05 (PCT/SE2006/001019)
[87] (WO2007/030063)
[30] SE (0501993-0) 2005-09-07

[11] **2,619,252**
[13] C

[51] **Int.Cl. F04B 47/04 (2006.01) E21B 43/00 (2006.01) F04B 23/00 (2006.01) F04B 53/14 (2006.01)**

[25] EN

[54] **AN IMPROVED RECIPROCATED PUMP SYSTEM FOR USE IN OIL WELLS**

[54] **SYSTEME DE POMPE A MOUVEMENT ALTERNATIF AMELIORE POUR UTILISATION DANS DES PUITTS DE PETROLE**

[72] BROWN, THADDEUS LEON, US
[73] SOUTHERN FLOW COMPANIES, INC., US

[86] (2619252)
[87] (2619252)
[22] 2008-01-25
[30] US (11/668,252) 2007-01-29

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[13] C

[51] **Int.Cl. B60C 11/03 (2006.01) B29D 30/06 (2006.01)**
[25] EN
[54] **TIRE TREAD HAVING TREAD ELEMENTS WITH A CHAMFERED EDGE**
[54] **SEMELLE DE PNEU AVEC ELEMENTS DE CHAPE A BORD CHANFREINE**
[72] DUMIGAN, KEITH A., US
[73] BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC, US
[86] (2619633)
[87] (2619633)
[22] 2008-02-05
[30] US (11/672,280) 2007-02-07

[11] **2,623,400**
[13] C

[51] **Int.Cl. A61K 39/02 (2006.01)**
[25] EN
[54] **IMMUNOGENIC CAPSULE COMPOSITION FOR USE AS A VACCINE COMPONENT AGAINST CAMPYLOBACTER JEJUNI**
[54] **COMPOSITION D'UNE CAPSULE IMMUNOGENIQUE UTILISEE COMME COMPOSANT D'UN VACCIN CONTRE CAMPYLOBACTER JEJUNI**
[72] GUERRY, PATRICIA, US
[72] BAQAR, SHAHIDA, US
[72] MONTEIRO, MARIO ARTUR, CA
[73] THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE NAVY NAVAL MEDICAL RESEARCH CENTER, CODE 00L, US
[73] UNIVERSITY OF GUELPH, CA
[85] 2008-03-20
[86] 2006-09-20 (PCT/US2006/036619)
[87] (WO2007/038122)
[30] US (60/722,086) 2005-09-21

[11] **2,623,782**
[13] C

[51] **Int.Cl. G01N 37/00 (2006.01) G01N 27/26 (2006.01) G01N 33/487 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **AN AUTOMATED SYSTEM FOR CONTINUOUSLY AND AUTOMATICALLY CALIBRATING ELECTROCHEMICAL SENSORS**
[54] **UN SYSTEME AUTOMATISE POUR L'ETALONNAGE EN CONTINU ET AUTOMATIQUE DE CAPTEURS ELECTROCHIMIQUES**
[72] MANSOURI, SOHRAB, US
[72] FALLON, KEVIN D., US
[72] EAMES, PATTIE, US
[73] INSTRUMENTATION LABORATORY COMPANY, US
[86] (2623782)
[87] (2623782)
[22] 2002-08-22
[62] 2,458,195
[30] US (60/314,267) 2001-08-22

[11] **2,624,048**
[13] C

[51] **Int.Cl. H04N 21/278 (2011.01) H04H 60/72 (2009.01) H04N 21/478 (2011.01) H04N 7/088 (2006.01)**
[25] EN
[54] **A METHOD FOR INDICATING SERVICE TYPES IN THE SERVICE GUIDE**
[54] **PROCEDE D'INDICATION DES TYPES DE SERVICES DANS LE GUIDE DES SERVICES**
[72] SEPPALA, MARTTA, US
[72] PAILA, TONI, US
[73] NOKIA CORPORATION, FI
[85] 2008-03-27
[86] 2006-10-26 (PCT/IB2006/003069)
[87] (WO2007/052128)
[30] US (11/266,399) 2005-11-04

[11] **2,624,452**
[13] C

[51] **Int.Cl. H01M 8/10 (2006.01) H01M 8/02 (2006.01)**
[25] EN
[54] **POLYMERS FOR USE IN FUEL CELL COMPONENTS**
[54] **POLYMERES UTILISES DANS DES COMPOSANTS DE PILE A COMBUSTIBLE**
[72] LALGUDI, RAMANATHAN S., US
[72] VIJAYENDRAN, BHIMA R., US
[72] CAFMEYER, JEFFREY, US
[72] SAYRE, JAY R., US
[73] BATTELLE MEMORIAL INSTITUTE, US
[85] 2008-03-28
[86] 2006-09-29 (PCT/US2006/038281)
[87] (WO2007/041415)
[30] US (60/722,857) 2005-09-30
[30] US (60/731,441) 2005-10-28
[30] US (60/736,815) 2005-11-15
[30] US (60/748,658) 2005-12-08

[11] **2,625,121**
[13] C

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[54] **DISPOSITIF DE PULVERISATION**
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[72] JIN, WU, GB
[72] WOOLLEY, SIMON, GB
[72] YE, IVAN, CN
[73] RECKITT BENCKISER (UK) LIMITED, GB
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[54] **PROCEDURE ET OUTIL DE DEGAGEMENT DE BILLE**
[72] BARNETT, ROBERT, CA
[73] BBJ TOOLS INC., CA
[86] (2625155)
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[54] **PERSONNALISATION DE DISPOSITIF MOBILE**
[72] CHEN, ELAINE, US
[72] WHEELER, LORRAINE S., US
[72] MARCUS, BETH, US
[73] APLIX IP HOLDINGS CORPORATION, JP
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[54] **POMPE DE FOND DE TROU A HAUTE PRESSION**
[72] PERKINS, JOHN L., JR., US
[72] STOWE, MICHAEL WAYNE, US
[72] WILLIAMS, BENNY J., US
[73] HARBISON-FISCHER, INC., US
[86] (2628190)
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[54] **CHIMIOThERAPIE ET IMMUNOTHERAPIE SIMULTANÉES**
[72] SAMPSON, JOHN H., US
[72] BIGNER, DARELL D., US
[72] HEIMBERGER, AMY, US
[72] MITCHELL, DUANE, US
[73] DUKE UNIVERSITY, US
[73] UNIVERSITY OF TEXAS M.D. ANDERSON CANCER CENTER, US
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[54] **POLYESTER RESINS FOR HIGH-EFFICIENCY INJECTION MOLDING**
[54] **RESINES POLYESTER DESTINEES A UN MOULAGE PAR INJECTION A HAUT RENDEMENT**
[72] THOMPSON, DAVID EUGENE, US
[72] NICHOLS, CARL STEVEN, US
[72] MOORE, TONY CLIFFORD, US
[72] GRIFFITH, SHARON SUE, US
[72] HUMELSINE, BILLY MACK, US
[72] SCHIAVONE, ROBERT JOSEPH, US
[73] DAK AMERICAS MISSISSIPPI INC., US
[85] 2008-05-21
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[54] **PHOTOPORATION DE CELLULES**
[72] DHOLAKIA, KISHAN, GB
[72] BROWN, CHRISTIAN THOMAS ALCUIN BROWN, GB
[72] PATERSON, LYNN, GB
[73] THE UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS, GB
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[54] **METHODE D'UTILISATION DU .BETA.-HYDROXY-.BETA.-METHYLBUTYRATE**
[72] THOMAS, DEBRA L., US
[72] MUKERJI, PRADIP, US
[73] ABBOTT LABORATORIES, US
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[54] **COMPOSITIONS AND METHODS FOR INCREASING PRODUCTION OF RECOMBINANT GAMMA-CARBOXYLATED PROTEINS**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'AUGMENTER LA PRODUCTION DE PROTEINES GAMMA-CARBOXYLEES DE RECOMBINAISON**
[72] WALLIN, REIDAR, US
[73] WAKE FOREST UNIVERSITY HEALTH SCIENCES, US
[85] 2008-05-30
[86] 2006-12-04 (PCT/US2006/061575)
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[54] **DERIVES CETONE A HETEROCYCLES SUBSTITUES EN TANT QU'INHIBITEURS DE L'HISTONE DESACETYLASE (HDAC)**

[72] JONES, PHILIP, IT

[72] ONTORIA ONTORIA, JESUS MARIA, IT

[72] SCARPELLI, RITA, IT

[72] INGENITO, RAFFAELE, IT

[72] SCHULTZ-FADEMRECHT, CARSTEN, IT

[73] MSD ITALIA S.R.L., IT

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[54] **DERIVES SUBSTITUES DE LA PYRIMIDINE UTILISABLES DANS LE TRAITEMENT DU CANCER ET D'AUTRES AFFECTIONS**

[72] SMITH, ROGER, US

[72] DUMAS, JACQUES, US

[72] WANG, GAN, US

[72] LEE, WENDY, US

[72] MIRANDA, KARL, US

[73] BAYER INTELLECTUAL PROPERTY GMBH, DE

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[54] **AMORPHOUS CAESIUM ALUMINIUM FLUORIDE COMPLEX, ITS PRODUCTION AND USE**

[54] **COMPLEXE AMORPHE DE FLUORURE DE CESIUM ET D'ALUMINIUM, SA FABRICATION ET SON UTILISATION**

[72] HARMS, GERD J., DE

[72] HOFMANN, HARTMUT, DE

[72] LEHMANN, KLAUS-PETER, DE

[72] SCHIEDT, ALEXANDER, DE

[73] CHEMETALL GMBH, DE

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[54] **INGREDIENT RICHE EN FIBRES RHEOLOGIQUEMENT EQUILIBRE POUR PRODUITS ALIMENTAIRES**

[72] ATWELL, WILLIAM A., US

[72] MATTSSEN, JODY L., US

[72] WELLNITZ, JESSICA E., US

[73] CARGILL, INCORPORATED, US

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[54] **TRAITEMENT DE FLUIDE DE STIMULATION**

[72] MESHER, SHAUN T., CA

[73] SYNOIL FLUIDS HOLDINGS INC., CA

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[54] **APPARATUS FOR PRODUCING SYNTHESIS GAS**

[54] **APPAREIL DE PRODUCTION DE GAZ DE SYNTHESE**

[72] ZANICHELLI, LUCA, IT

[72] FERRINI, CRISTINA, CH

[73] CASALE S.A., CH

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[54] **CONCENTRATING MASS SPECTROMETER ION GUIDE, SPECTROMETER AND METHOD**

[54] **CONCENTRATION D'UN GUIDE D'IONS DE SPECTROMETRE DE MASSE, SPECTROMETRE ET PROCEDE CORRESPONDANT**

[72] JAVAHERY, GHOLAMREZA, CA

[72] COUSINS, LISA, CA

[72] JOLLIFFE, CHARLES, CA

[72] TOMSKI, ILIA, CA

[73] IONICS MASS SPECTROMETRY GROUP, INC., CA

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[54] **MATERIAU RENFORCANT POUR RENFORCEMENT LOCAL D'UN COMPOSANT FORME AVEC UN MATERIAU COMPOSITE, ET PROCEDE**
[72] HERRMANN, AXEL S., DE
[73] AIRBUS OPERATIONS GMBH, DE
[85] 2008-07-21
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[54] **RADIO FREQUENCY TECHNOLOGY HEATER FOR UNCONVENTIONAL RESOURCES**
[54] **CHAUFFAGE A TECHNOLOGIE HAUTE FREQUENCE POUR RESSOURCES NON CONVENTIONNELLES**
[72] BRIDGES, JACK E., US
[73] PYROPHASE, INC., US
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[54] **COMPOSANT DE CABLAGE**
[72] BAILEY, JOHN MICHAEL, GB
[73] ROLLS ROYCE PLC, GB
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[54] **TRANSPORTING MEANS OF A CHAIR LIFT OR OF A CABLEWAY SYSTEM**
[54] **DISPOSITIF DE TRANSPORT RELATIF A UN TELESIEGE OU UN SYSTEME DE SUSPENSION POUR CABLES AERIENS**
[72] SWITZENY, KURT, CH
[73] INNOVA PATENT GMBH, AT
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[87] (2638151)
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[25] EN
[54] **CONNECTION SUBASSEMBLY FOR CONNECTING A SUPPLY CONTAINER TO A TARGET CONTAINER**
[54] **MODULE DE RACCORDEMENT POUR RACCORDER UN CONTENANT DE DEPART ET UN CONTENANT CIBLE**
[72] KAMPF, RALF, DE
[73] KAMPF, RALF, DE
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[54] **BACS RELEVEURS D'EPI**
[72] DIETRICH, DAVE, CA
[72] HERMAN, ARDON, US
[73] DIETRICH, DAVE, CA
[86] (2640269)
[87] (2640269)
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[25] EN
[54] **METHOD AND SYSTEM FOR INTEGRATED SECURING AND MANAGING OF VIRTUAL MACHINES AND VIRTUAL APPLIANCES**
[54] **METHODE ET SYSTEME DE PROTECTION ET DE GESTION INTEGREES DE MACHINES ET D'APPAREILS VIRTUELS**
[72] SEGUIN, JEAN-MARC L., CA
[72] LITKEY, JAY M., CA
[72] LYNCH, DAVID M., CA
[72] JAMENSKY, MARK, CA
[73] EMBOTICS CORPORATION, CA
[86] (2640804)
[87] (2640804)
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[54] **PANSEMENT CHIRURGICAL**
[72] MULLIGAN, SHARON, US
[73] SMITH & NEPHEW, INC., US
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[54] **METHOD OF CONDUCTING A SEISMIC SURVEY**
[54] **PROCEDE DE REALISATION D'UN RELEVÉ SISMIQUE**
[72] HOGSTAD, KAI, NO
[72] FOTLAND, BENTE, NO
[72] GERA, CONSTANTIN, NO
[73] STATOIL PETROLEUM AS, NO
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[54] **RECOVERY PROCESS FOR PRECIOUS METALS**

[54] **PROCEDE DE RECUPERATION DE METAUX PRECIEUX**

[72] BLATTER, PAUL, CA
[72] GAGNON, ROCK, CA
[72] OURRIBAN, MOHAMED, CA
[73] COREM, CA

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[54] **STRUCTURAL DEVICE FOR IMPROVING THE THERMAL EXPANSION RESISTANCE OF A STRUCTURE**

[54] **DISPOSITIF DONT LA STRUCTURE PERMET D'AMELIORER LA RESISTANCE A L'EXPANSION THERMIQUE D'UNE STRUCTURE**

[72] GUILLOT, NICOLAS, FR
[72] POMMATAU, GILLES, FR
[72] DAMIANO, OLIVIER, FR
[73] THALES, FR

[86] (2641754)
[87] (2641754)
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[54] **AUTOMATIC SWIMMING POOL CLEANERS AND BODIES, FEET, DISCS, AND OTHER COMPONENTS THEREOF**

[54] **ROBOTS NETTOYEURS AUTOMATIQUES DE PISCINE ET CORPS, PIEDS, DISQUES, ET AUTRES COMPOSANTS DE CEUX-CI**

[72] MOORE, MICHAEL EDWARD, ZA
[72] VAN DER MEIJDEN, HENDRIKUS JOHANNES, ZA

[73] ZODIAC POOL SYSTEMS, INC., US

[85] 2008-08-11
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[54] **FLUTED FILTER APPARATUS**

[54] **APPAREIL FILTRANT CANNELE**

[72] WYDEVEN, ROBERT M., US
[72] BROWN, GENE W., US
[72] MERRITT, STEVEN J., US
[73] BALDWIN FILTERS, INC., US

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[25] EN

[54] **HYDROPHILIC STRUCTURED BAR COMPOSITIONS COMPRISING INDIVIDUALLY COATED FLAT PLATY PARTICLES, EACH HAVING SURFACE DEPOSITION CHEMISTRY MECHANISM**

[54] **FORMULES A STRUCTURE HYDROPHILE POUR BARRES COMPRENANT DES PARTICULES PLATES LAMELLAIRES REVETUES INDIVIDUELLEMENT PRESENTANT CHACUNE UN SYSTEME CHIMIQUE DEPOSE EN SURFACE**

[72] POLONKA, JACK, US
[72] CARNALI, JOSEPH ORESTE, US
[72] SHAH, PRAVIN, US
[72] PATEL, RAJESH, US
[72] SHAFER, GEORGIA, US
[72] MOADDEL, TEANOOSH, US
[73] UNILEVER PLC, GB

[85] 2008-08-14
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[54] **CLEANING APPARATUS FOR VERTICAL SEPARATOR**

[54] **APPAREIL DE NETTOYAGE POUR SEPARATEUR VERTICAL**

[72] CLARKE, TONY, US
[72] BINGHAM, RICHARD, US
[73] M-I L.L.C., US

[85] 2008-08-14
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[54] **PROCEDE POUR RECUPERER L'OR**

[72] HAAVANLAMMI, LIISA, FI
[72] HYVAERINEN, OLLI, FI
[72] TIHONEN, MARIKA, FI
[72] TONTTI, REIJO, FI
[73] OUTOTEC OYJ., FI
[85] 2008-08-15
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[72] BAGDANOFF, JEFFREY, US
[72] BOTEJU, LAKMAL W., US
[72] CARSON, KENNETH G., US
[72] JESSOP, THEODORE C., US
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[72] FRIES, KAREN E., US
[73] MICROSOFT CORPORATION, US
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[54] **FORMES PHARMACEUTIQUES POUR L'ADMINISTRATION D'ASSOCIATIONS DE MEDICAMENTS**

[72] PLACHETKA, JOHN R., US
[72] GILBERT, DONNA L., US
[73] POZEN INC., US
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[54] **SYSTEM, METHOD AND APPARATUS FOR HYDROGEN-OXYGEN BURNER IN DOWNHOLE STEAM GENERATOR**

[54] **SYSTEME, PROCEDE ET APPAREIL POUR UN BRULEUR HYDROGENE-OXYGENE D'UN GENERATEUR DE VAPEUR DE FOND DE TROU**

[72] KLASSEN, MICHAEL, US
[72] GOKULAKRISHNAN, PONNUTHURAI, US
[72] FULLER, CASEY, US
[72] HAMER, ANDREW, US
[72] WARE, CHARLES H., US
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[54] **CONNECTING MULTI-HOP MESH NETWORKS USING MAC BRIDGE**

[54] **CONNEXION DE RESEAUX MAILLES MULTISAUTS UTILISANT UN PONT DE COMMANDE D'ACCES AU SUPPORT**

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[72] VENKETESAN, THIRUVENGADAM, US
[73] MICROSOFT CORPORATION, US
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[54] **TRANSMISSION STREAM GENERATING DEVICE FOR GENERATING TRANSMISSION STREAM WHICH ADDITIONAL DATA IS STUFFED IN A PAYLOAD AREA OF A PACKET, DIGITAL BROADCAST TRANSMITTING/RECEIVING DEVICE FOR TRANSMITTING/RECEIVING THE TRANSMISSION STREAM, AND METHODS THEREOF**
[54] **DISPOSITIF DE GENERATION DE FLUX DE TRANSMISSION POUR GENERER UN FLUX DE TRANSMISSION DANS LEQUEL DES DONNEES SUPPLEMENTAIRES SONT CHARGEES DANS UNE CHARGE UTILE D'UN PAQUET, DISPOSITIF D'EMISSION/RECEPTION DE DIFFUSION NUMERIQUE POUR EMETTRE/RECEV**
[72] YU, JUNG-PIL, KR
[72] JEONG, HAE-JOO, KR
[72] PARK, CHAN-SUB, KR
[72] JI, KUM-RAN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **METHODS AND APPARATUSES FOR ENCODING AND DECODING OBJECT-BASED AUDIO SIGNALS**
[54] **PROCEDE ET APPAREILS DE CODAGE ET DE DECODAGE DE SIGNAUX AUDIO BASES SUR L'OBJET**
[72] YOON, SUNG YONG, KR
[72] PANG, HEE SUK, KR
[72] LEE, HYUN KOOK, KR
[72] KIM, DONG SOO, KR
[72] LIM, JAE HYUN, KR
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[54] **ELEVATEUR D'ALIMENTS POUR ANIMAUX DE COMPAGNIE**
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[54] **OFDMA BASE SUR UNE RADIOCOMMUNICATION COGNITIVE**
[72] HASSAN, AMER A., US
[72] HUITEMA, CHRISTIAN, US
[73] MICROSOFT CORPORATION, US
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[25] EN
[54] **CLOSED LOOP CONTROL SYSTEM FOR A HIGH FREQUENCY OSCILLATION VENTILATOR**
[54] **SYSTEME DE COMMANDE EN BOUCLE FERMEE POUR APPAREIL DE VENTILATION PULMONAIRE A FREQUENCE ELEVEE**
[72] BORRELLO, MICHAEL A., US
[73] CAREFUSION 207, INC., US
[85] 2008-09-12
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[25] EN
[54] **HYBRID PROCESS USING ION EXCHANGE RESINS IN THE SELECTIVE RECOVERY OF NICKEL AND COBALT FROM LEACHING EFFLUENTS**
[54] **TRAITEMENT HYBRIDE UTILISANT DES RESINES ECHANGEUSES D'IONS DANS LA RECUPERATION SELECTIVE DE NICKEL ET DE COBALT ISSUS D'EFFLUENTS DE LIXIVIATION**
[72] COSTA, RENATO DE SOUZA, BR
[72] MENDES, FLAVIA DUTRA, BR
[73] COMPANHIA VALE DO RIO DOCE, BR
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[54] **BOUCHON EN PLASTIQUE PRESENTANT UNE OUVERTURE A COULISSEAU DESTINE A UN MANCHON DE BOUTEILLE OU DE RECIPIENT**
[72] SEELHOFER, FRITZ, CH
[73] NESTEC S.A., CH
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[54] **AEOLIAN SYSTEM COMPRISING POWER WING PROFILES AND PROCESS FOR PRODUCING ELECTRIC ENERGY**
[54] **SYSTEME EOLIEN COMPRENANT DES PROFILS D'AILES MOTEUR ET METHODE POUR PRODUIRE DE L'ENERGIE ELECTRIQUE**
[72] IPPOLITO, MASSIMO, IT
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[73] KITE GEN RESEARCH S.R.L., IT
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[25] EN
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[54] **ACCESSOIRE POUR SPECTROSCOPIE PAR REFLEXION INTERNE TOTALE ATTENUÉE (ATR)**
[72] HOULT, ROBERT ALAN, GB
[72] CARTER, RALPH LANCE, GB
[72] CANAS WILKINSON, ANTONIO, GB
[72] STYLES, PAUL, GB
[73] PERKINELMER SINGAPORE PTE LTD, SG
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[54] **BINARISATION D'IMAGES PAR DIVISION DYNAMIQUE DE SUBIMAGES**
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[73] IMDS AMERICA INC., CA
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[11] **2,650,604**

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[54] **SYSTEME DE GAZEIFICATION ET SON UTILISATION**
[72] VAN DEN BERG, ROBERT ERWIN, NL
[72] VAN DONGEN, FRANCISCUS GERARDUS, NL
[72] VON KOSSAK-GLOWCZEWSKI, THOMAS PAUL, DE
[72] VAN DER PLOEG, HENDRIK JAN, NL
[72] ZUIDEVELD, PIETER LAMMERT, NL
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[25] EN
[54] **HYDRATE INHIBITED LATEX FLOW IMPROVER**
[54] **SUBSTANCE AMELIORANT L'ECOULEMENT A BASE DE LATEX, COMPRENANT UN INHIBITEUR D'HYDRATE**
[72] SMITH, KENNETH W., US
[72] DREHER, WAYNE R., US
[72] BURDEN, TIMOTHY L., US
[73] LUBRIZOL SPECIALTY PRODUCTS, INC., US
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[51] **Int.Cl. A47J 31/00 (2006.01) A47J 31/40 (2006.01)**
[25] EN
[54] **METHOD FOR EXTRACTING ESPRESSO COFFEE PARTICULARLY FROM A CARTRIDGE WITH CREMA GENERATING SEPTUM, AND BEVERAGE OBTAINABLE FROM THE METHOD**
[54] **PROCEDE D'EXTRACTION D'UN CAFE ESPRESSO EN PARTICULIER A PARTIR D'UNE CARTOUCHE A CLOISON GENERANT DE LA CREME, ET BOISSON POUVANT ETRE OBTENUE A PARTIR DU PROCEDE**
[72] SUGGI LIVERANI, FURIO, IT
[72] MASTROPASQUA, LUCA, IT
[72] VAN EEDEN, FRANS, IT
[72] DELLAPIETRA, BRUNO, IT
[73] ILLYCAFFE' S.P.A., IT
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[54] **INTERSESSION VARIABILITY COMPENSATION FOR AUTOMATIC EXTRACTION OF INFORMATION FROM VOICE**
[54] **COMPENSATION DE LA VARIABILITE INTERSESSION POUR EXTRACTION AUTOMATIQUE D'INFORMATIONS A PARTIR DE LA VOIX**
[72] VAIR, CLAUDIO, IT
[72] COLIBRO, DANIELE, IT
[72] LAFACE, PIETRO, IT
[73] LOQUENDO S.P.A., IT
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[51] **Int.Cl. C07D 249/12 (2006.01) A61K 31/4196 (2006.01) A61K 31/4439 (2006.01) C07D 401/12 (2006.01)**
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[54] **DERIVES DE TRIAZOLE II**
[72] EGGENWEILER, HANS-MICHAEL, DE
[72] WOLF, MICHAEL, DE
[72] BUCHSTALLER, HANS-PETER, DE
[72] SIRRENBERG, CHRISTIAN, DE
[73] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
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[30] DE (10 2006 023 337.9) 2006-05-18

[11] **2,652,701**
[13] C
[51] **Int.Cl. B62D 35/00 (2006.01)**
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[54] **WIDE AREA BASE BLEED/INJECTION APPARATUS FOR REDUCING AERODYNAMIC DRAG OF BLUFF BODY VEHICLES**
[54] **APPAREIL D'INJECTION/PRELEVEMENT DE BASE A ZONE ETENDUE POUR REDUIRE LA TRAINEE AERODYNAMIQUE DE VEHICULES A CORPS CAMUS**
[72] SALARI, KAMBIZ, US
[72] ORTEGA, JASON, M., US
[73] LAWRENCE LIVERMORE NATIONAL SECURITY, LLC, US
[85] 2008-11-18
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[30] US (11/879,898) 2007-07-18

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[25] EN
[54] **DEVICE FOR ABSORBING NOISE**
[54] **DISPOSITIF D'INSONORISATION**
[72] KONZ, OLIVER, DE
[73] WURTH ELEKTRONIK EISOS GMBH & CO. KG, DE
[85] 2008-11-25
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[25] EN
[54] **OVEN RACK HAVING INTEGRAL LUBRICIOUS, DRY PORCELAIN SURFACE**
[54] **PLATEAU DE CUISSON PRESENTANT UNE SURFACE EN PORCELAINE SECHE, LUBRIFIEE INTEGREE**
[72] AMBROSE, JEFFREY A., US
[72] MACKIEWICZ-LUDTKA, GAIL, US
[72] SIKKA, VINOD KUMAR, US
[72] QU, JUN, US
[73] SSW HOLDING COMPANY, INC., US
[85] 2008-11-24
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[87] (WO2008/013596)
[30] US (11/440,992) 2006-05-25

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[54] **DEVICE FOR REGULATING EATING BY MEASURING POTENTIAL**
[54] **DISPOSITIF DE REGULATION DE L'ALIMENTATION PAR MESURE DE POTENTIEL**
[72] LEPINE, JACQUES, FR
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[54] **OXYGENOTHERAPIE AVEC ULTRASON**

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[72] SCHUBERT, PAUL EDWARD, US

[72] PURDUM, HOWARD, US

[73] TRINITY WOUND INSTITUTE, LLC, US

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[54] **STRUCTURAL NACELLE**

[54] **NACELLE STRUCTURANTE**

[72] VAUCHEL, GUY BERNARD, FR

[72] GIBOUIN, ANNE-LAURE, FR

[72] FASSIER, REGIS, FR

[72] JORET, JEAN-PHILIPPE, FR

[72] COLLIER, JEROME, FR

[72] LEFORT, GUILLAUME, FR

[72] CHOUARD, PIERRE-ALAIN, FR

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[86] 2007-06-11 (PCT/FR2007/000951)

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[54] **WIND GENERATOR SYSTEM**

[54] **SYSTEME D'EOLIENNE**

[72] MENGES, PAMELA A., US

[73] STAR SAILOR ENERGY, INC., US

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[30] US (60/812,466) 2006-06-10

[30] US (60/850,613) 2006-10-10

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[13] C

[51] **Int.Cl. C12Q 1/34 (2006.01) C07F 9/10 (2006.01) C07F 9/6596 (2006.01) G01N 33/49 (2006.01)**

[25] EN

[54] **OXIDISED PHOSPHOLIPIDS COMPRISING A FLUOROPHORE MOIETY AND USE IN THE DETERMINATION OF THE PRESENCE OF ENZYMES HAVING ANTIATHEROGENETIC ACTIVITY**

[54] **PHOSPHOLIPIDES OXYDES COMPORTANT UN FRAGMENT DE FLUOROPHORE ET LEUR UTILISATION POUR DETERMINER LA PRESENCE D'UNE ENZYME A ACTIVITE ANTIATHEROGENE**

[72] HERMETTER, ALBIN, AT

[72] TRENKER, MICHAEL, AT

[73] TECHNISCHE UNIVERSITAET GRAZ, AT

[85] 2009-01-20

[86] 2006-07-26 (PCT/AT2006/000317)

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[30] AT (A 1826/2005) 2005-11-08

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[54] **WETTABLE SILICONE HYDROGEL CONTACT LENSES AND RELATED COMPOSITIONS AND METHODS**

[54] **LENTILLES DE CONTACT EN HYDROGEL DE SILICONE MOUILLABLE ET COMPOSITIONS ET PROCEDES ASSOCIES**

[72] HONG, YE, US

[72] CHEN, CHARLIE, US

[72] MANESIS, NICK, US

[73] COOPERVISION INTERNATIONAL HOLDING COMPANY, LP, BB

[85] 2008-12-08

[86] 2007-06-12 (PCT/US2007/013827)

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[30] US (60/804,911) 2006-06-15

[30] US (60/887,513) 2007-01-31

[30] US (60/894,609) 2007-03-13

[30] US (11/761,332) 2007-06-11

[11] **2,654,895**
[13] C

[51] **Int.Cl. H01R 4/50 (2006.01) H01H 33/66 (2006.01) H01R 43/16 (2006.01)**

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[54] **CONNEXION DE CONDUCTEUR**

[72] DE FRANCE, ROBERT V., US

[72] DOBRINSKI, DANIEL D., US

[72] CRUTCHER, BERNARD C., US

[73] HUBBELL INCORPORATED, US

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[30] US (60/833,642) 2006-07-26

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[30] US (60/904,080) 2007-02-28

[30] US (11/778,755) 2007-07-17

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[13] C

[51] **Int.Cl. B23D 17/06 (2006.01) B23D 35/00 (2006.01)**

[25] EN

[54] **HEAVY DUTY MATERIAL PROCESSING SHEARS**

[54] **CISAILLES DE TRAITEMENT DE MATIERES A HAUT RENDEMENT**

[72] RAFN, MARK D., US

[72] KNUTSON, DAVID BRADLEY, US

[72] BUBACZ, SHANE L., US

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[25] EN
[54] **AN APPARATUS AND A METHOD FOR REGULATION OF THE ENERGY POTENTIAL IN A FLUID COLUMN LOCATED WITHIN A PIPELINE**
[54] **APPAREIL ET PROCEDE DE REGULATION DU POTENTIEL ENERGETIQUE DANS UNE COLONNE DE FLUIDE SITUEE DANS UNE CANALISATION**
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[72] MELHUS, TROND, NO
[73] ENERGREEN AS, NO
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[54] **PROCEDE POUR TRANSMETTRE DES DONNEES SATELLITE**
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[72] GUENTHER, CHRISTOPH, DE
[73] TECHNISCHE UNIVERSITAET MUENCHEN, DE
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[54] **A METHOD OF CONTROLLING WATER CONDENSATION IN A NEAR WELLBORE REGION OF A FORMATION**
[54] **PROCEDE PERMETTANT DE REGULER LA CONDENSATION D'EAU DANS UNE REGION DE FORMATION PROCHE D'UN Puits DE FORAGE**
[72] BUIJSE, MARTEN ADRIAAN, NL
[72] GOLOMBOK, MICHAEL ZVI, NL
[72] VAN HEEL, ANTOON PETER GERARDUS, NL
[72] MAAS, JOHANNES GERHARDUS, NL
[72] WENTINCK, HENDRIK MARTINUS, NL
[72] WELLING, MARCUS STEFANUS, NL
[73] SHELL CANADA LIMITED, CA
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[72] RUGGIERI, JUAN CARLOS, CH
[73] BELLANDTECHNOLOGY AG, DE
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[25] EN
[54] **COMPOSITIONS AND METHODS RELATING TO SOLENOPSINS AND THEIR USES IN TREATING NEUROLOGICAL DISORDERS AND ENHANCING COGNITIVE AND PHYSICAL PERFORMANCE**
[54] **COMPOSITIONS ET METHODES ASSOCIEES AUX SOLENOPSINES ET A LEUR UTILISATION DANS LE TRAITEMENT DE TROUBLES NEUROLOGIQUES ET DANS L'ACCROISSEMENT DE LA PERFORMANCE COGNITIVE ET PHYSIQUE**
[72] DORSEY, DENIS, US
[72] KINDY, MARK S., US
[73] SYNAPSIN PHARMACEUTICALS, INC., US
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[54] **IMPROVEMENTS TO CAPSULES CONTAINING A SUBSTANCE IN POWDER FORM FROM WHICH A BEVERAGE, PREFERABLY ESPRESSO COFFEE, IS TO BE EXTRACTED**
[54] **AMELIORATIONS APORTEES A DES CAPSULES CONTENANT UNE SUBSTANCE SOUS FORME DE POUDRE PERMETTANT L'EXTRACTION D'UNE BOISSON, DE PREFERENCE UN CAFE EXPRESSO**
[72] MASTROPASQUA, LUCA, IT
[72] DELLAPIETRA, BRUNO, IT
[72] VAN EEDEN, FRANS, IT
[72] SUGGI LIVERANI, FURIO, IT
[72] BOLZICCO, CLAUDIO, IT
[72] VOZZA, LUIGI, IT
[73] ILLYCAFFE' S.P.A., IT
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[54] **DUAL CURE ADHESIVE FORMULATIONS**

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[72] PRESSLEY, MARK, US

[73] LORD CORPORATION, US

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[54] **CONTROLLED GROWTH OF LARGER HETEROJUNCTION INTERFACE AREA FOR ORGANIC PHOTOSENSITIVE DEVICES**

[54] **CROISSANCE CONTROLEE D'UNE AIRE D'INTERFACE D'HETEROJONCTION PLUS GRANDE POUR DES DISPOSITIFS ORGANIQUES PHOTOSENSIBLES**

[72] YANG, FAN, US

[72] FORREST, STEPHEN R., US

[73] THE TRUSTEES OF PRINCETON UNIVERSITY, US

[73] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US

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[54] **DERIVATIVES AND ANALOGS OF N-ETHYLQUINOLONES AND N-ETHYLZAQUINOLONES**

[54] **DERIVES ET ANALOGUES DE N-ETHYLQUINOLONES ET DE N-ETHYLZAQUINOLONES**

[72] BALLELL, LLUIS, ES

[72] BARROS, DAVID, ES

[72] BROOKS, GERALD, GB

[72] CASTRO PICHEL, JULIA, ES

[72] DABBS, STEVEN, GB

[72] DAINES, ROBERT A, US

[72] DAVIES, DAVID THOMAS, GB

[72] FIANDOR ROMAN, JOSE MARIA, ES

[72] GIORDANO, ILARIA, GB

[72] HENNESSY, ALAN JOSEPH, GB

[72] HOFFMAN, JAMES B, US

[72] JONES, GRAHAM ELGIN, GB

[72] MILES, TIMOTHY JAMES, GB

[72] PEARSON, NEIL DAVID, GB

[72] PENDRAK, ISRAIL, US

[72] REMUIAN BLANCO, MODESTO J, ES

[72] ROSSI, JASON ANTHONY, US

[72] ZHANG, LIHUA(LILY), US

[73] GLAXO GROUP LIMITED, GB

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[25] EN

[54] **LAYERED FILM COMPOSITIONS, PACKAGES PREPARED THEREFROM, AND METHODS OF USE**

[54] **COMPOSITIONS DESTINEES A FABRIQUER DES FILMS DISPOSES EN COUCHES, CONDITIONNEMENTS PREPARES A PARTIR DE CES COMPOSITIONS ET LEURS PROCEDES D'UTILISATION**

[72] YUN, XIAO BING, CN

[73] DOW GLOBAL TECHNOLOGIES LLC, US

[85] 2009-01-26

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[54] **METHODS AND COMPOSITIONS FOR INHIBITING ANGIOGENESIS**

[54] **PROCEDES ET COMPOSITIONS D'INHIBITION DE L'ANGIOGENESE**

[72] STORY, MICHAEL JOHN, AU

[72] WAYTE, KENNETH MICHAEL, AU

[73] ONCOLOGY RESEARCH INTERNATIONAL LIMITED, AU

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[25] EN

[54] **APPARATUS AND METHOD FOR THERMAL STABILIZATION OF PCB-MOUNTED ELECTRONIC COMPONENTS WITHIN AN ENCLOSED HOUSING**

[54] **APPAREIL ET PROCÉDE DE STABILISATION THERMIQUE DE COMPOSANTS ÉLECTRONIQUES MONTÉS SUR UNE CARTE IMPRIMÉE À L'INTÉRIEUR D'UN BOÎTIER CLOS**

[72] BARRY, CHARLES F., US

[72] PARKER, REED A., US

[72] SHEN, TIAN, US

[72] PAN, FENG F., US

[72] SUBRAMANIAN, MEENAKSHI S., US

[73] JUNIPER NETWORKS, INC., US

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[54] **SYSTÈME DOSEUR DE CAFÉ ET DE THÉ**

[72] KIRSCHNER, JONATHAN, US

[73] THE COCA-COLA COMPANY, US

[85] 2009-03-02

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[11] **2,662,827**
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[25] EN

[54] **SOFT CHEWABLE, TABLET, AND LONG-ACTING INJECTABLE VETERINARY ANTIBIOTIC FORMULATIONS**

[54] **FORMULATIONS ANTIBIOTIQUES VÉTÉRINAIRES INNOVANTES EN COMPRIMÉS MACHABLES TENDRES OU INJECTABLES À LONGUE DURÉE D'ACTION**

[72] SOLL, MARK DAVID, US

[72] BOECKH, ALBERT, US

[72] TEJWANI-MOTWANI, MONICA, US

[72] WARANIS, ROBERT P., US

[73] MERIAL LIMITED, US

[85] 2009-03-06

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[25] EN

[54] **A SPECIALLY CONFIGURED AND SURFACE MODIFIED MEDICAL DEVICE WITH CERTAIN DESIGN FEATURES THAT UTILIZE THE INTRINSIC PROPERTIES OF TUNGSTEN, ZIRCONIUM, TANTALUM AND/OR NIOBIUM**

[54] **DISPOSITIF MÉDICAL SPÉCIALEMENT CONFIGURÉ AVEC UNE SURFACE MODIFIÉE DOTÉ DE CERTAINES CARACTÉRISTIQUES CONCEPTUELLES UTILISANT LES PROPRIÉTÉS INTRINÈQUES DU TUNGSTÈNE, DU ZIRCONIUM, DU TANTALE ET/OU DU NIOBIUM**

[72] FURST, JOSEPH G., US

[73] MICO INNOVATIONS, LLC, US

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[25] EN

[54] **AQUEOUS PHARMACEUTICAL SUSPENSIONS CONTAINING REBAMIPIDE AND MANUFACTURING PROCESS THEREOF**

[54] **SUSPENSIONS PHARMACEUTIQUES AQUEUSES CONTENANT DU REBAMIPIDE ET LEUR PROCÉDE DE FABRICATION**

[72] MASUDA, YOSHITO, JP

[73] OTSUKA PHARMACEUTICAL CO., LTD., JP

[85] 2009-03-31

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[54] **CONTENANT DE STOCKAGE DE MARCHANDISES AVEC DEUX TABLETTES ESCAMOTABLES**

[72] WYNALDA, DANIEL JAY, US

[73] WYNALDA, ROBERT MARTIN JR., US

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[54] **ROUE DE JAUGE PIVOTANTE**

[72] KOVACH, MICHAEL G., US

[72] SMART, GREG S., US

[73] CNH AMERICA LLC, US

[86] (2665263)

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[54] **SYNCHRONISATION DE FICHIERS MULTIMEDIAS MULTISOURCES**

[72] THOMAS, EDWARD ERIC, US
[72] MCSHEFFREY, GRANT, CA
[73] BLACKBERRY LIMITED, CA
[86] (2665887)
[87] (2665887)
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[30] US (61/052,633) 2008-05-12
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[51] **Int.Cl. D21F 11/00 (2006.01) D21H 25/00 (2006.01) D21H 27/00 (2006.01)**

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[54] **TISSU MOULE PRESSE A L'ETAT HUMIDE**

[72] BEUTHER, PAUL DOUGLAS, US
[72] MULLALLY, CRISTINA ASENSIO, US
[72] HOLZ, JEFFREY DEAN, US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2009-04-07
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[54] **FLUID CONTROL VALVE SYSTEM AND METHODS**

[54] **SYSTEME ET PROCEDES A SOUPEPE DE COMMANDE DE FLUIDE**

[72] RINGER, YORAM, US
[72] WILKINS, ROGER S., US
[72] FRENKEL, BORIS, IL
[73] TYCO FIRE PRODUCTS LP, US
[85] 2009-04-17
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[30] US (60/887,040) 2007-01-29

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[25] EN

[54] **PROCESS FOR PRODUCING PURIFIED NATURAL GAS**

[54] **PROCEDE DE PRODUCTION DE GAZ NATUREL PURIFIE**

[72] DEMMERS, ANTHONIUS MARIA, NL
[72] KAAART, SANDER, NL
[72] KODDE, ADRIAAN JOHANNES, NL
[73] SHELL CANADA LIMITED, CA
[85] 2009-04-21
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[30] EP (06122836.7) 2006-10-24

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[13] C

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[54] **TAGGING REAGENTS AND METHODS FOR HYDROXYLATED COMPOUNDS**

[54] **REACTIFS DE MARQUAGE ET PROCEDES DESTINES A DETERMINER DES COMPOSES HYDROXYLES**

[72] PURKAYASTHA, SUBHASISH, US
[72] DEY, SUBHAKAR, US
[72] PILLAI, SASI, US
[73] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
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[11] **2,668,472**
[13] C

[51] **Int.Cl. A61K 31/216 (2006.01) A61K 38/46 (2006.01)**

[25] EN

[54] **IMPROVED BIOLOGICAL EFFECTS OF COMPOSITIONS COMPRISING ROSMARINIC ACID**

[54] **MEILLEURS EFFETS BIOLOGIQUES DE COMPOSITIONS COMPRENANT DE L'ACIDE ROSMARINIQUE**

[72] CRESPIY, VANESSA, CH
[72] CASTIEL, ISABELLE, FR
[72] BEL-RHLID, RACHID, CH
[72] PAGE, NICOLAS, CH
[72] RAAB, THOMAS, CH
[73] NESTEC S.A., CH
[73] L'OREAL, FR
[85] 2009-05-04
[86] 2007-11-06 (PCT/EP2007/009602)
[87] (WO2008/055651)
[30] EP (06023060.4) 2006-11-06
[30] US (60/869,615) 2006-12-12

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[25] EN
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[54] **FORME D'EXTREMITE D'AILE DESTINEE A UNE AILE, EN PARTICULIER D'UN AVION**
[72] THEURICH, FRANK, DE
[72] HIMISCH, JAN, DE
[73] AIRBUS OPERATIONS GMBH, DE
[85] 2009-05-05
[86] 2007-11-21 (PCT/EP2007/010096)
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[30] DE (10 2006 055 090.0) 2006-11-21
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[11] ***2,669,726**
[13] C

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[54] **ALBUMIN BINDING MOLECULES AND USES THEREOF**
[54] **MOLECULES DE LIAISON A L'ALBUMINE ET LEURS UTILISATIONS**
[72] NERI, DARIO, CH
[72] DUMELIN, CHRISTOPH, CH
[73] PHILOCHEM AG, CH
[85] 2009-05-01
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[13] C

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[25] EN
[54] **VERTEBRAL SUPPORT DEVICE**
[54] **DISPOSITIF DE SUPPORT VERTEBRAL**
[72] CHATAIGNER, HERVE, FR
[72] SANTOS BENITEZ, HUGO, ES
[72] SCHWARTZ, ARNOLD M., US
[72] BRADLEY, WILLIAM DANIEL, US
[72] CHO, PAUL HENRY, US
[72] DAVIS, REGINALD JAMES, US
[72] HOFFMAN, GREGORY A., US
[72] MCGEE, ALAN W., US
[72] CHEN, ZHONGQIANG, CN
[72] JODAITIS, ALEXANDRE, BE
[72] WILLIAMS, JOHN I., US
[73] LDR MEDICAL, FR
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[11] **2,670,580**
[13] C

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[25] EN
[54] **METHOD AND APPARATUS FOR TESTING LOAD-BEARING CAPACITY UTILIZING A RING CELL**
[54] **PROCEDE ET APPAREIL DESTINES A TESTER UNE CAPACITE DE CHARGE AU MOYEN D'UNE PILE ANNULAIRE**
[72] HAYES, JOHN A., US
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[54] **SYSTEMES ET PROCEDES PERMETTANT DE FORMER UN TRANSPORTEUR A SYNCHRONISATION AMELIOREE**
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[73] LAITRAM, L.L.C., US
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[54] **CENTRIFUGEUSE, EN PARTICULIER SEPARATEUR, DOTEE DE TUYERES DE SORTIE DE SOLIDE**
[72] MACKEL, WILFRIED, DE
[72] PENKL, ANDREAS, DE
[72] BATHELT, THOMAS, DE
[72] QUITER, KATHRIN, DE
[72] BAALMANN, KLAUS, DE
[73] GEA MECHANICAL EQUIPMENT GMBH, DE
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[54] **DISPOSITIF D'EVACUATION DES SECRETIONS PULMONAIRES**
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[73] IPH ESTABLISHMENT, LI
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[72] SIXOU, MICHEL, FR
[72] VILLEGER, SANDRINE, FR
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[72] JONSSON, ROLANDH, SE
[73] ASSA AB, SE
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[54] **DISPOSITIF DE RECEPTION OU DE MANIPULATION D'UN LIQUIDE**
[72] BLANKENSTEIN, GERT, DE
[72] RODENFELS, TOBIAS, DE
[72] KUROWSKI, DIRK, DE
[72] HEMPEL, MARIO, DE
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[72] RAMAMURTHY, NARAYANAN, US
[72] HE, HUARUI, US
[72] LIN, CHAO, US
[73] OPTI MEDICAL SYSTEMS, US
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[72] ZAHNER, DAVID, US
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[54] **PROCEDE ET SYSTEME DE SYNCHRONISATION DE SECTEUR DE TRAME AVEC PRECISION**
[72] DOSER, INGO TOBIAS, US
[72] BENITEZ, ANA BELEN, US
[72] ZHANG, DONG-QING, US
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[54] **ALL-TERRAIN, DRIVE-BY-WIRE, HIGH-PRESSURE, FIRE FIGHTING APPARATUS**
[54] **ENGIN TOUT TERRAIN DE LUTTE CONTRE L'INCENDIE A COMMANDE A CABLE, A HAUTE PRESSION**
[72] GROONWALD, RORY L., US
[73] ORBITAL TECHNOLOGIES CORPORATION, US
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[54] **PORTE POUR FOUR A MICRO-ONDES PROTEGEE PAR UN CAPOT ET SYSTEME DE REFROIDISSEMENT POUR CETTE DERNIERE**
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[73] LG ELECTRONICS INC., KR
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[54] **PROCEDE ET APPAREIL DE RECUPERATION AMELIOREE D'HYDROCARBURES**
[72] CIEUTAT, DENIS, FR
[72] DE SMEDT, GUILLAUME, FR
[72] DI ZANNO, PIETRO, FR
[72] DE FRANCESCO, ERICO, US
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[54] **APPAREIL ET PROCEDE ASSOCIE POUR REALISER UNE OPERATION SUR DES DONNEES RECUES PAR UNE STATION DE RECEPTION CAPABLE D'UNE OPERATION DE RECEPTION SIMULTANEE**
[72] DWYER, JOHANNA, CA
[72] PECEN, MARK, CA
[72] SIMMONS, SEAN, CA
[72] WU, HUAN, CA
[73] BLACKBERRY LIMITED, CA
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[25] EN
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[54] **MATERIAU COMPOSITE FRITTE**
[72] OKAMURA, KATSUMI, JP
[72] KUKINO, SATORU, JP
[72] TERAMOTO, MINORI, JP
[72] FUKAYA, TOMOHIRO, JP
[72] YAMAMOTO, KATSUKO, JP
[73] SUMITOMO ELECTRIC HARDMETAL CORP., JP
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
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[54] **SYSTEMES ET METHODES D'ENTREPOSAGE SECONDAIRE EXTENSIBLE**
[72] DUBNICKI, CEZARY, PL
[72] UNGUREANU, CRISTIAN, US
[73] NEC CORPORATION, JP
[86] (2676593)
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[54] **NECESSAIRE D'INHALATEUR-DOSEUR COMPORTANT DES REPERES PERMETTANT D'EVITER UN MESAPPARIEMENT DES ELEMENTS DE L'INHALATEUR**
[72] FENLON, DEREK, IE
[73] IVAX PHARMACEUTICALS IRELAND, IE
[85] 2009-07-27
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[54] **CLOSURE CAP FOR A CONTAINER FOR RECEIVING MEDICAL LIQUIDS, AND CONTAINER FOR RECEIVING MEDICAL LIQUIDS**
[54] **CAPUCHON DE FERMETURE POUR UN RECIPIENT DESTINE A RECEVOIR DES LIQUIDES MEDICAUX ET RECIPIENT DESTINE A RECEVOIR DES LIQUIDES MEDICAUX**
[72] BRANDENBURGER, TORSTEN, DE
[72] GREIER, GERHARD, DE
[73] FRESENIUS KABI DEUTSCHLAND GMBH, DE
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[54] **DISPOSITIFS DE MELANGE RADIAUX POUR REACTEURS INCLINES ROTATIFS.**

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[25] EN

[54] **A DOSAGE FORM CONTAINING TWO OR MORE ACTIVE PHARMACEUTICAL INGREDIENTS IN DIFFERENT PHYSICAL FORMS**

[54] **FORME PHARMACEUTIQUE CONTENANT DEUX OU DAVANTAGE DE PRINCIPES ACTIFS PHARMACEUTIQUES SOUS DES FORMES PHYSIQUES DIFFERENTES**

[72] BLUNDELL, SANDRA, AU

[72] KERAMIDAS, PANAGIOTIS, AU

[72] MOONEY, BRETT ANTHONY, AU

[72] RUTHERFORD, TODD JAMES, AU

[73] ALPHAPHARM PTY LTD, AU

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[54] **PROCEDE DE FABRICATION DE TUYAU EN ACIER SOUDE A LA MOLETTE ET SON APPAREIL DE FABRICATION**

[72] INOUE, TOMOHIRO, JP

[72] SAKASHITA, SHIGETO, JP

[72] YUASA, DAIJIRO, JP

[72] YOKOYAMA, HIROYASU, JP

[72] KENMOCHI, KAZUHITO, JP

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[72] BRENNAN, DAVID J., US

[72] DAVIS, HERBERT F., US

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[54] **SELS DE DERIVE DE 4-ANILINE QUINAZOLINE**

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[72] JIANG, YONG, CN

[73] SHANGHAI ALLIST PHARMACEUTICALS, INC., CN

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[54] **MESSAGING SYSTEM AND METHOD**

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

[72] VIIDU, SIIM, GB

[72] KUTT, ANDRES, EE

[73] SKYPE, IE

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[54] **DISPOSITIFS DE TRANSMISSION/RECEPTION DE RADIODIFFUSION NUMERIQUE POUVANT AMELIORER UNE PERFORMANCE DE RECEPTION ET PROCEDE DE TRAITEMENT DE SIGNAUX ASSOCIE**
[72] CHANG, YONG-DEOK, KR
[72] JEONG, HAE-JOO, KR
[72] KIM, JOON-SOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[87] (2679040)
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[30] KR (10-2004-0033990) 2004-05-13
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[54] **DISPOSITIFS DE TRANSMISSION/RECEPTION DE RADIODIFFUSION NUMERIQUE POUVANT AMELIORER UNE PERFORMANCE DE RECEPTION ET PROCEDE DE TRAITEMENT DE SIGNAUX ASSOCIE**
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[72] JEONG, HAE-JOO, KR
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[86] (2679046)
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[72] LAHYANI, IRIS, IL
[73] SOSMART RESCUE LTD., IL
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[54] **COUCHE JETABLE**
[72] MINATO, HIRONAO, JP
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[72] TAKADA, NAKO, JP
[73] UNI-CHARM CORPORATION, JP
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[54] **ELECTRONIC DEVICE INCLUDING TOUCH-SENSITIVE DISPLAY**
[54] **DISPOSITIF ELECTRONIQUE COMPRENANT UN ECRAN TACTILE**
[72] LADOUCEUR, NORMAN MINER, CA
[72] GRIFFIN, JASON TYLER, CA
[73] BLACKBERRY LIMITED, CA
[86] (2679137)
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[54] **HYDROFORMYLATION PROCESS WITH IMPROVED CONTROL OVER PRODUCT ISOMERS**
[54] **PROCEDE D'HYDROFORMYLATION PERMETTANT UN MEILLEUR CONTROLE DES PRODUITS ISOMERES**
[72] EISENSCHMID, THOMAS C., US
[72] PETERSON, RONALD R., US
[72] MILLER, GLENN A., US
[72] ABATJOGLOU, ANTHONY G., US
[73] DOW TECHNOLOGY INVESTMENTS LLC, US
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[72] VAUCHEL, GUY BERNARD, FR
[73] AIRCELLE, FR
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[54] **ORIFICE DE SOUPE A ECOULEMENT AMELIORE POUR REGULATEUR DE PRESSION**
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[73] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **COMPARING HUMAN MUSCLE STRENGTH ON OPPOSITE SIDES**
[54] **COMPARAISON DE LA FORCE MUSCULAIRE DES DEUX COTES DU CORPS CHEZ L'HUMAIN**
[72] SCHULTE, ALOIS, CA
[73] BOURGAULT INDUSTRIES LTD., CA
[73] SCHULTE, ALOIS, CA
[86] (2683187)
[87] (2683187)
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[54] **SOUPE A HAUTE PRESSION**
[72] LARSEN, TODD W., US
[73] TESCOM CORPORATION, US
[85] 2009-10-02
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[54] **MARINE VESSEL PANEL ASSEMBLY AND ROLL-FORMED PANEL FOR SAME**
[54] **ASSEMBLAGE DE PANNEAUX DE BATEAU ET PANNEAU PROFILE SUR FORMEUR A GALETS CONNEXE**
[72] BIANCHI, TAMO P., CA
[72] WILLISHER, WILLIAM A., CA
[73] SAMUEL, SON & CO., LIMITED, CA
[86] (2684066)
[87] (2684066)
[22] 2009-10-27
[30] US (12/260,301) 2008-10-29

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[25] EN
[54] **PROCESS FOR THE CARBONYLATION OF DIMETHYL ETHER**
[54] **PROCEDE DE CARBONYLATION D'ETHER DIMETHYLIQUE**
[72] DEELEY, JON MICHAEL STEWART, GB
[72] DITZEL, EVERT JAN, GB
[72] LAW, DAVID JOHN, GB
[72] ROBERTS, MARK STEPHEN, GB
[72] SUNLEY, JOHN GLENN, GB
[73] BP CHEMICALS LIMITED, GB
[85] 2009-10-15
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[25] EN
[54] **METHOD OF MAKING COMPRESSIBLE ELASTOMERIC SPRING**
[54] **PROCEDE POUR LA FABRICATION D'UN RESSORT EN ELASTOMERE COMPRESSIBLE**
[72] SPRAINIS, RONALD, US
[72] RING, MICHAEL E., US
[72] ANDERSON, BRADLEY, US
[72] MARLOW, JONATHON, US
[73] WABTEC HOLDING CORP., US
[85] 2009-10-16
[86] 2008-05-01 (PCT/US2008/005584)
[87] (WO2008/137013)
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[25] EN
[54] **COMPRESSIBLE ELASTOMERIC SPRING**
[54] **RESSORT ELASTOMERE COMPRESSIBLE**
[72] SPRAINIS, RONALD, US
[72] RING, MICHAEL E., US
[72] ANDERSON, BRADLEY, US
[72] MARLOW, JONATHON, US
[73] WABTEC HOLDING CORP., US
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[25] EN
[54] **POWER SCREWDRIVER**
[54] **VISSEUSE ELECTRIQUE**
[72] GAREIS, MARC, DE
[73] LOESOMAT SCHRAUBTECHNIK NEEF GMBH, DE
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[86] 2008-04-23 (PCT/DE2008/000671)
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[54] **LOAD CONTROL DEVICE
HAVING A FLEXIBLE
CONNECTOR**
[54] **DISPOSITIF DE COMMANDE DE
CHARGE AYANT UN
CONNECTEUR FLEXIBLE**
[72] ALTONEN, GREGORY, US
[72] NEARHOOF, JEREMY, US
[72] DIMAGGIO, JOHN M., US
[72] HIBSHMAN, BRADLEY T., US
[73] LUTRON ELECTRONICS CO., INC.,
US
[85] 2009-10-22
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[25] EN
[54] **METHOD AND APPARATUS FOR
ESTABLISHING
INDIVIDUALIZED
SUBSCRIPTION PLANS IN A
SWITCHED DIGITAL VIDEO
SYSTEM**
[54] **METHODE ET SYSTEME
D'ETABLISSEMENT DE PLANS
DE SOUSCRIPTION
INDIVIDUALISES APPLICABLES
A UN SYSTEME
VIDEONUMERIQUE COMMUTE**
[72] BRADLEY, BRUCE R., US
[73] GENERAL INSTRUMENT
CORPORATION, US
[86] (2685233)
[87] (2685233)
[22] 2009-11-09
[30] US (12/339,303) 2008-12-19

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[25] EN
[54] **MOISTURE CURABLE
POLYURETHANE HOT MELT
ADHESIVE COMPOSITION**
[54] **COMPOSITION ADHESIVE
THERMOFUSIBLE DE
POLYURETHANE DURCISSABLE
A L'HUMIDITE**
[72] REID, KEVIN J., US
[73] H.B. FULLER COMPANY, US
[85] 2009-10-26
[86] 2008-05-22 (PCT/US2008/064474)
[87] (WO2008/147845)
[30] US (11/805,777) 2007-05-24

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C04B 28/14 (2006.01)**
[25] EN
[54] **METHOD FOR SMOOTHING
CEMENTITIOUS SLURRY IN THE
PRODUCTION OF STRUCTURAL
CEMENTITIOUS PANELS**
[54] **PROCEDE POUR LISSER UN
COULIS DE CIMENT DANS LA
PRODUCTION DE PANNEAUX DE
CIMENT STRUCTURELS**
[72] JONES, JOHN G., US
[73] UNITED STATES GYPSUM
COMPANY, US
[85] 2009-10-29
[86] 2008-06-20 (PCT/US2008/067731)
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[30] US (11/771,521) 2007-06-29

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[13] C

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[25] EN
[54] **MONITORING SYSTEM FOR
VEHICLE**
[54] **SYSTEME DE SURVEILLANCE
POUR UN VEHICULE**
[72] YAMAMURA, MAKOTO, JP
[72] MASUBUCHI, YOSHINORI, JP
[72] KANKE, HIROO, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2685970)
[87] (2685970)
[22] 2009-11-12
[30] JP (JP2008-292614) 2008-11-14

[11] **2,686,010**
[13] C

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[25] EN
[54] **CARGO CARRYING VEHICLE
WITH SAFETY SYSTEM FOR
SHORE POWER CONNECTION**
[54] **VEHICULE DE TRANSPORT DE
MARCHANDISES EQUIPE D'UN
SYSTEME DE SECURITE POUR
RACCORD D'ALIMENTATION
EXTERNE**
[72] HINDMAN, DONALD J., US
[73] HYUNDAI TRANSLEAD, US
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[87] (2686010)
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[30] US (12/381,555) 2009-03-13

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A61C 5/04 (2006.01)**
[25] EN
[54] **ROTARY DRIVE CUTTER FOR
DENTISTRY**
[54] **OUTIL DE COUPE DENTAIRE A
ENTRAINEMENT ROTATIF**
[72] TETSUKA, SATOSHI, JP
[72] MURAOKA, NOBUHIRO, JP
[72] KATHO, KAZUAKI, JP
[73] MANI, INC., JP
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[25] EN
[54] **METHOD FOR OPERATING A WIND FARM COMPRISING A PLURALITY OF WIND TURBINES**
[54] **PROCEDE PERMETTANT DE FAIRE FONCTIONNER UNE CENTRALE EOLIENNE COMPRENANT UNE PLURALITE D'EOLIENNES**
[72] EGEDAL, PER, DK
[72] ENEVOLDSEN, PEDER BAY, DK
[72] GREINER, MARTIN, DE
[72] HJORT, SOEREN, DK
[72] CLEVE, JOCHEN, DE
[72] MEYER, ESTHER, DE
[73] SIEMENS AKTIENGESSELLSCHAFT, DE
[85] 2009-11-13
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[25] EN
[54] **MERCAPTAN MIXTURE**
[54] **MELANGE DE MERCAPTANS**
[72] OBRECHT, WERNER, DE
[72] PASK, STEPHEN, DE
[72] KOEHLER, WILFRIED, DE
[72] KLIMPEL, MICHAEL, DE
[73] LANXESS DEUTSCHLAND GMBH, DE
[85] 2009-11-17
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[11] **2,687,973**
[13] C

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[25] EN
[54] **((BICYLICHETEROARYL)IMIDAZOLYL)METHYLHETEROARYL COMPOUNDS AS ADRENERGIC RECEPTOR AGONISTS**
[54] **COMPOSES D'((HETEROARYLE BICYCLIQUE)IMIDAZOLYLE) METHYLE HETEROARYLE UTILISES EN TANT QU'AGONISTES DES RECEPTEURS ADRENERGIQUES**
[72] SINHA, SANTOSH C., US
[72] HEIDELBAUGH, TODD M., US
[72] CHOW, KEN, US
[72] BHAT, SMITA S., US
[72] NGUYEN, PHONG X., US
[72] GARST, MICHAEL E., US
[73] ALLERGAN, INC., US
[85] 2009-11-23
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[87] (WO2008/147786)
[30] US (60/939,781) 2007-05-23

[11] **2,687,976**
[13] C

[51] **Int.Cl. C07D 401/06 (2006.01) A61K 31/4725 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **THERAPEUTIC ((PHENYL)IMIDAZOLYL)METHYLQUINOLINYL COMPOUNDS**
[54] **COMPOSES THERAPEUTIQUES DE ((PHENYL)IMIDAZOLYL)METHYLQUINOLEINYLE**
[72] SINHA, SANTOSH C., US
[72] HEIDELBAUGH, TODD M., US
[72] CHOW, KEN, US
[72] BHAT, SMITA S., US
[72] GARST, MICHAEL E., US
[73] ALLERGAN, INC., US
[85] 2009-11-23
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[87] (WO2008/147788)
[30] US (60/939,775) 2007-05-23

[11] **2,688,944**
[13] C

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[25] EN
[54] **HUMANIZED ANTI-NGF ANTIBODIES**
[54] **ANTICORPS HUMANISES ANTI-NGF**
[72] CATTANEO, ANTONINO, IT
[72] LAMBA, DORIANO, IT
[72] COVACEUSZACH, SONIA, IT
[73] ABBVIE RESEARCH B.V., NL
[86] (2688944)
[87] (2688944)
[22] 2004-12-23
[62] 2,551,796
[30] IT (RM2003000601) 2003-12-24

[11] **2,689,860**
[13] C

[51] **Int.Cl. H02K 5/173 (2006.01) H02K 7/00 (2006.01)**
[25] EN
[54] **GENERATING UNIT COMPRISING A COMBUSTION ENGINE AND A GENERATOR**
[54] **GROUPE ELECTROGENE COMPOSE D'UN MOTEUR A COMBUSTION INTERNE ET D'UN GENERATEUR**
[72] ASCHABER, MICHAEL, AT
[72] POXHOFER, MARKUS, AT
[72] LEIMINGER, ANTON, AT
[73] STEYR MOTORS GMBH, AT
[85] 2009-12-01
[86] 2008-06-06 (PCT/AT2008/000198)
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[25] EN
[54] **METHOD AND APPARATUS FOR DRYING A MATERIAL**
[54] **PROCEDE ET APPAREIL DE SECHAGE D'UN MATERIAU**
[72] SCHMIDT, SIEGFRIED, DE
[72] TOIVONEN, MARIA, DE
[73] MARS INCORPORATED, US
[85] 2009-12-09
[86] 2008-08-05 (PCT/EP2008/006428)
[87] (WO2009/018996)
[30] DE (10 2007 037 605.9) 2007-08-07

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[13] C
[51] **Int.Cl. H04L 1/16 (2006.01) H04L 1/18 (2006.01) H04L 29/14 (2006.01)**
[25] EN
[54] **PROTOCOL DATA UNIT RECOVERY**
[54] **RECUPERATION D'UNITE DE DONNEES DE PROTOCOLE**
[72] MAHESHWARI, SHAILESH, US
[72] KLINGENBRUNN, THOMAS, US
[72] GANNAMARAJU, SURESH SHARMA, US
[72] GULATI, VIKAS, US
[72] KANAMARLAPUDI, SITARAMANJANEYULU, US
[72] LIOU, TIM T., US
[73] QUALCOMM INCORPORATED, US
[85] 2009-12-11
[86] 2008-06-13 (PCT/US2008/067010)
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[30] US (60/943,606) 2007-06-13
[30] US (12/124,541) 2008-05-21

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[13] C
[51] **Int.Cl. G01V 1/40 (2006.01)**
[25] EN
[54] **CORRECTION OF VELOCITY CUBES FOR SEISMIC DEPTH MODELING**
[54] **CORRECTION DES CUBES DE VITESSE POUR LA MODELISATION DE PROFONDEUR SISMIQUE**
[72] BJERKHOLT, BOERRE, NO
[73] SCHLUMBERGER CANADA LIMITED, CA
[86] (2691192)
[87] (2691192)
[22] 2010-01-26
[30] US (61/149,947) 2009-02-04
[30] US (12/686,789) 2010-01-13

[11] **2,691,359**
[13] C
[51] **Int.Cl. A61M 5/50 (2006.01)**
[25] EN
[54] **SYRINGE WITH DISABLING MECHANISM**
[54] **SERINGUE AVEC MECANISME DE NEUTRALISATION**
[72] CAIZZA, RICHARD J., US
[72] ODELL, ROBERT, US
[72] WAYMAN, BRIAN H., US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2009-12-11
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[11] **2,692,426**
[13] C
[51] **Int.Cl. C07D 489/02 (2006.01)**
[25] EN
[54] **METHODS FOR ONE-POT N-DEMETHYLATION/N-ACYLATION OF MORPHINE AND TROPANE ALKALOIDS**
[54] **PROCEDE RECIPIENT UNIQUE DE N-DEMETHYLATION/N-ACYLATION D'ALCALOIDES MORPHINIQUES ET TROPANIQUES**
[72] COX, D. PHILLIP, US
[72] CARROLL, ROBERT JAMES, CA
[72] HUDLICKY, TOMAS, CA
[72] LEISCH, HANNES, CA
[73] BROCK UNIVERSITY, CA
[85] 2009-12-29
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[30] US (11/771,191) 2007-06-29

[11] **2,692,614**
[13] C
[51] **Int.Cl. C07C 67/03 (2006.01) C07C 69/54 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING BUTANEDIOL DIMETHACRYLATES**
[54] **PROCEDE DE PRODUCTION DE DIMETHACRYLATES DE BUTANEDIOL**
[72] KNEBEL, JOACHIM, DE
[72] SCHUETZ, THORBEN, DE
[72] TRAUTHWEIN, HARALD, DE
[72] KEHR, THOMAS, DE
[72] LAUSTER, GUENTHER, DE
[72] PROTZMANN, GUIDO, DE
[72] KOELBL, GERHARD, DE
[72] WESTHAEUSER, GUENTER, DE
[73] EVONIK ROEHM GMBH, DE
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[30] DE (10 2007 031 474.6) 2007-07-05

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[51] **Int.Cl. H04L 29/06 (2006.01) H04W 8/00 (2009.01)**

[25] EN

[54] **WIRELESS ARCHITECTURE FOR TRADITIONAL WIRE BASED PROTOCOL**

[54] **ARCHITECTURE SANS FIL POUR PROTOCOLE CABLE CLASSIQUE**

[72] DHARMARAJU, DINESH, US

[72] KRISHNAN, RANGANATHAN, US

[72] SHETH, SOHAM, US

[73] QUALCOMM INCORPORATED, US

[85] 2010-01-06

[86] 2008-07-25 (PCT/US2008/071147)

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[30] US (12/179,411) 2008-07-24

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[13] C

[51] **Int.Cl. A01N 43/42 (2006.01) A01N 25/02 (2006.01)**

[25] EN

[54] **SOLUBLE LIQUID FORMULATIONS OF QUINCLORAC AMMONIUM SALTS**

[54] **FORMULATIONS LIQUIDES SOLUBLES DE SELS D'AMMONIUM DE QUINCLORAC**

[72] BERGHAUS, RAINER, DE

[72] TERRY, CANNAN, US

[72] ZAWIERUCHA, JOSEPH, US

[72] OLIVER, GLENN W., US

[73] BASF SE, DE

[85] 2010-01-07

[86] 2008-07-07 (PCT/EP2008/058801)

[87] (WO2009/013120)

[30] US (60/951324) 2007-07-23

[11] **2,693,034**
[13] C

[51] **Int.Cl. B01D 53/02 (2006.01) B01D 53/04 (2006.01) B01D 53/26 (2006.01) B01D 53/60 (2006.01) B01D 53/75 (2006.01) C01B 31/20 (2006.01) F25J 3/00 (2006.01)**

[25] FR

[54] **METHOD FOR THE PURIFICATION OF A GAS CONTAINING CO₂, USING AN ADSORPTION PURIFICATION UNIT**

[54] **PROCEDE DE PURIFICATION D'UN GAZ CONTENANT DU CO₂ PAR INTEGRATION D'UNITE DE PURIFICATION PAR ADSORPTION**

[72] ALBAN, BRUNO, FR

[72] CLAEYS, CHRISTOPHE, FR

[72] COURT, PHILIPPE, FR

[72] DARDE, ARTHUR, FR

[72] DE SMEDT, GUILLAUME, FR

[72] HA, BAO, US

[72] HASANOV, VLADIMIR, FR

[72] JALLAIS, SIMON, FR

[72] MONEREAU, CHRISTIAN, FR

[72] MOREAU, SERGE, FR

[72] RENOU, ELISE, FR

[72] SANCHEZ-MOLINERO, IVAN, FR

[72] TRANIER, JEAN-PIERRE, FR

[73] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR

[85] 2010-01-12

[86] 2008-07-08 (PCT/FR2008/051274)

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[30] FR (0756492) 2007-07-13

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[13] C

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[25] EN

[54] **POLYMYXIN DERIVATIVES AND USES THEREOF**

[54] **DERIVES DE POLYMYXINE ET LEURS UTILISATIONS**

[72] VAARA, MARTTI, FI

[72] VAARA, TIMO, FI

[73] NORTHERN ANTIBIOTICS OY, FI

[85] 2010-02-02

[86] 2007-08-10 (PCT/FI2007/050441)

[87] (WO2008/017734)

[30] DK (PA200601055) 2006-08-11

[30] US (60/837,426) 2006-08-11

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[13] C

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[25] EN

[54] **LACTAMIDE AS A SOLVENT FOR BIOCIDES COMPRISING NITROGEN CONTAINING AROMATIC RING SYSTEMS**

[54] **LACTAMIDE EN TANT QUE SOLVANT POUR BIOCIDES COMPRENANT DES SYSTEMES CYCLIQUES AROMATIQUES CONTENANT DE L'AZOTE**

[72] BELL, GORDON ALAUSTAIR, GB

[72] HARRIS, CLAIR LOUISE, GB

[72] TOVEY, IAN DAVID, GB

[73] SYNGENTA PARTICIPATIONS AG, CH

[85] 2010-01-29

[86] 2008-08-13 (PCT/GB2008/002730)

[87] (WO2009/027624)

[30] GB (0716592.1) 2007-08-24

[11] **2,697,380**
[13] C

[51] **Int.Cl. B64D 27/18 (2006.01) B64D 27/26 (2006.01)**

[25] FR

[54] **CRADLE FOR HOLDING A FAN COIL MOUNTED ON THE ATTACHMENT PYLON AND ON THE NACELLE AIR INTAKE**

[54] **BERCEAU DE SUPPORT DE CAPOT DE SOUFFLANTE MONTE SUR LE MAT D'ACCROCHAGE ET SUR L'ENTREE D'AIR DE LA NACELLE**

[72] DUSSOL, LOIC, FR

[72] RIDRAY, FREDERIC, FR

[73] AIRBUS OPERATIONS, FR

[85] 2010-02-22

[86] 2008-08-22 (PCT/EP2008/061015)

[87] (WO2009/027336)

[30] FR (07 57189) 2007-08-27

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[13] C

[51] **Int.Cl. A23F 3/14 (2006.01) A23F 3/16 (2006.01) A23F 3/30 (2006.01)**

[25] EN

[54] **BEVERAGE PRECURSOR AND PROCESS FOR THE MANUFACTURE THEREOF**

[54] **PRECURSEUR DE BOISSON ET PROCEDE DE FABRICATION**

[72] SMITH, IAN, GB

[73] UNILEVER PLC, GB

[85] 2010-03-17

[86] 2008-08-06 (PCT/EP2008/060323)

[87] (WO2009/037048)

[30] EP (07116753.0) 2007-09-19

[11] **2,699,883**
[13] C

[51] **Int.Cl. A61M 39/08 (2006.01) A61F 5/44 (2006.01) A61M 25/18 (2006.01)**

[25] EN

[54] **CLOSED SPECIMEN COLLECTION SYSTEM**

[54] **SYSTEME DE COLLECTE D'ECHANTILLON FERME**

[72] MINASSIANS, NASTARAN, US

[73] MINASSIANS, NASTARAN, US

[85] 2010-03-15

[86] 2008-09-12 (PCT/US2008/076277)

[87] (WO2009/039044)

[30] US (11/858,073) 2007-09-19

[30] US (12/209,025) 2008-09-11

[11] **2,699,899**
[13] C

[51] **Int.Cl. A01H 4/00 (2006.01)**

[25] EN

[54] **MANUFACTURED SEED HAVING PACKING MATERIAL**

[54] **GRAINE FABRIQUEE AYANT UN MATERIAU D'EMBALLAGE**

[72] HARTLE, JEFFREY E., US

[72] CARLSON, WILLIAM C., US

[72] SHOAF, ANTONY R., US

[73] WEYERHAEUSER NR COMPANY, US

[85] 2010-03-17

[86] 2008-09-25 (PCT/US2008/077696)

[87] (WO2009/045851)

[30] US (60/977,172) 2007-10-03

[11] **2,701,364**
[13] C

[51] **Int.Cl. C02F 9/00 (2006.01) C02F 1/00 (2006.01) C02F 11/00 (2006.01) F02B 65/00 (2006.01) F02C 6/18 (2006.01) F02G 5/00 (2006.01)**

[25] EN

[54] **INTEGRATED UTILITY SYSTEM**

[54] **SYSTEME UTILITAIRE INTEGRE**

[72] MONCRIEFF, IAN, NZ

[72] BRIDLE, TREVOR REDVERS, AU

[73] MONCRIEFF, IAN, NZ

[85] 2010-03-31

[86] 2007-10-08 (PCT/NZ2007/000297)

[87] (WO2008/044945)

[30] AU (2006905601) 2006-10-09

[11] **2,701,395**
[13] C

[51] **Int.Cl. G06F 17/50 (2006.01)**

[25] EN

[54] **PRODUCT DESIGN SUPPORT SYSTEM AND METHOD**

[54] **SYSTEME ET METHODE D'AIDE A LA CONCEPTION DE PRODUITS**

[72] MORI, HATSUO, JP

[72] KURE, HIROTAKA, JP

[73] IHI CORPORATION, JP

[85] 2010-03-31

[86] 2008-10-03 (PCT/JP2008/068047)

[87] (WO2009/044850)

[30] JP (2007-260974) 2007-10-04

[11] **2,701,597**
[13] C

[51] **Int.Cl. G02B 27/09 (2006.01)**

[25] EN

[54] **OPTICAL ARRANGEMENT AND ITS USE**

[54] **ARRANGEMENT OPTIQUE ET UTILISATION DE CELUI-CI**

[72] LEDERMANN, ALEXANDRA, DE

[72] VON FREYMAN, GEORG, DE

[72] WEGENER, MARTIN, DE

[73] KARLSRUHER INSTITUT FUER TECHNOLOGIE, DE

[85] 2010-04-01

[86] 2008-06-12 (PCT/EP2008/004705)

[87] (WO2009/006976)

[30] DE (10 2007 032 181.5) 2007-07-11

[11] **2,703,376**
[13] C

[51] **Int.Cl. E21B 41/00 (2006.01) E21B 44/00 (2006.01)**

[25] EN

[54] **AN INTELLIGENT DRILLING ADVISOR**

[54] **SYSTEME D'AIDE A LA DECISION DE FORAGE INTELLIGENT**

[72] EDWARDS, MICHAEL L., US

[72] GONGORA, CESAR A., US

[72] IYER, GANISH, US

[72] MCGRIFFY, DAVID, US

[72] MCNEILL, JOHN, US

[72] SHAFER, DONALD F., US

[72] TOLLESON, CHRIS, US

[72] WIGHT, DAVID, US

[73] BP CORPORATION NORTH AMERICA INC., US

[85] 2010-04-21

[86] 2008-10-23 (PCT/US2008/080849)

[87] (WO2009/058635)

[30] US (60/983,758) 2007-10-30

[11] **2,703,514**
[13] C

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/00 (2006.01) E21B 43/16 (2006.01) E21B 43/25 (2006.01)**

[25] EN

[54] **PRODUCTION OPTIMIZATION FOR OILFIELDS USING A MIXED-INTEGER NONLINEAR PROGRAMMING MODEL**

[54] **OPTIMISATION DE LA PRODUCTION POUR DES CHAMPS DE PETROLE AYANT RECOURS A UN MODELE DE PROGRAMMATION NON LINEAIRE PARTIELLEMENT EN NOMBRES ENTIERS**

[72] RASHID, KASHIF, GB

[72] DEMIREL, SULEYMAN, US

[72] COUET, BENOIT, US

[73] SCHLUMBERGER CANADA LIMITED, CA

[86] (2703514)

[87] (2703514)

[22] 2010-05-11

[30] US (61/178,248) 2009-05-14

[30] US (12/774,247) 2010-05-05

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[13] C

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[25] EN

[54] **METHOD AND DEVICE FOR PRODUCING FORMED FOOD PRODUCTS AND FOOD PRODUCT**

[54] **PROCEDE ET DISPOSITIF DE PRODUCTION DE PRODUITS ALIMENTAIRES FACONNES, ET PRODUIT ALIMENTAIRE CORRESPONDANT**

[72] GRONEBERG-NIENSTEDT, PETRA, DE

[73] NIENSTEDT GMBH, DE

[85] 2010-04-21

[86] 2007-10-25 (PCT/EP2007/061497)

[87] (WO2009/052865)

[11] **2,705,736**
[13] C

[51] **Int.Cl. B23K 23/00 (2006.01)**

[25] EN

[54] **IMPROVEMENTS IN OR RELATING TO WELDING RAILWAY LINES**

[54] **AMELIORATIONS DU SOUDAGE DES LIGNES DE CHEMIN DE FER OU EN RAPPORT AVEC CELUI-CI**

[72] JURY, BRENT FELIX, NZ

[73] JURY, BRENT FELIX, NZ

[85] 2010-05-11

[86] 2008-11-21 (PCT/NZ2008/000316)

[87] (WO2009/067029)

[30] NZ (NZ 563648) 2007-11-22

[11] **2,705,831**
[13] C

[51] **Int.Cl. B44D 3/18 (2006.01)**

[25] EN

[54] **CANVAS STRETCHING SYSTEM WITH CORNER CLAMPS**

[54] **SYSTEME D'EXTENSION DE TOILE A BRIDES DE FIXATION D'ANGLE**

[72] VAZ, PAUL, CA

[73] IG WRAP INC., CA

[85] 2010-05-13

[86] 2007-11-13 (PCT/CA2007/002100)

[87] (WO2009/062282)

[11] **2,706,094**
[13] C

[51] **Int.Cl. D01F 9/17 (2006.01) B05B 7/06 (2006.01) D01D 5/14 (2006.01)**

[25] EN

[54] **METHOD FOR THE AMBIENT-TEMPERATURE PRODUCTION OF MICRO- AND NANO-FIBRES OF LIGNIN AND OTHER RESINOUS COMPOUND**

[54] **PROCEDE PERMETTANT LA FABRICATION A TEMPERATURE AMBIANTE DE MICRO ET DE NANOFIBRES DE LIGNINE ET D'AUTRES COMPOSES RESINEUX**

[72] LALLAVE RIVAS, MANUEL, ES

[72] CORDERO ALCÁNTARA, TOMAS, ES

[72] RODRÍGUEZ MIRASOL, JOSE, ES

[72] GONZÁLEZ LOSCERTALES, IGNACIO, ES

[72] BARRERO RIPOLL, ANTONIO, ES

[73] UNIVERSIDAD DE MÁLAGA, ES

[73] UNIVERSIDAD DE SEVILLA, ES

[85] 2010-05-18

[86] 2008-11-25 (PCT/ES2008/000737)

[87] (WO2009/068711)

[30] ES (P200703205) 2007-11-27

[11] **2,707,000**
[13] C

[51] **Int.Cl. F16L 19/02 (2006.01)**

[25] EN

[54] **SCREW CONNECTION**

[54] **ASSEMBLAGE VISSE**

[72] WEH, ERWIN, DE

[72] WEH, WOLFGANG, DE

[73] WEH, ERWIN, DE

[73] WEH, WOLFGANG, DE

[85] 2010-05-27

[86] 2009-02-12 (PCT/EP2009/000957)

[87] (WO2009/100898)

[30] DE (20 2008 002 211.8) 2008-02-15

[11] **2,707,145**
[13] C

[51] **Int.Cl. H01J 49/02 (2006.01)**

[25] EN

[54] **GAS ELECTRON MULTIPLIER DETECTOR**

[54] **DETECTEUR DE GAZ A MULTIPLICATEUR D'ELECTRONS**

[72] PRINGLE, STEVEN DEREK, GB

[73] MICROMASS UK LIMITED, GB

[85] 2010-05-28

[86] 2008-12-01 (PCT/GB2008/003969)

[87] (WO2009/068887)

[30] GB (0723487.5) 2007-11-30

[30] US (61/013,679) 2007-12-14

[11] **2,707,155**
[13] C

[51] **Int.Cl. F26B 23/00 (2006.01)**

[25] EN

[54] **METHOD FOR THE USE OF HEAT ENERGY FROM GASIFICATION SOURCES IN GYPSUM BOARD PRODUCTION**

[54] **PROCEDE D'UTILISATION D'ENERGIE THERMIQUE A PARTIR DE SOURCES DE GAZEIFICATION DANS LA FABRICATION DE PLAQUES DE PLATRE**

[72] COLLEGE, JOHN W., US

[72] YANES, FELIPE J., US

[72] CORBIN, DAVID, US

[73] CERTAINTED GYPSUM, INC., US

[85] 2010-05-28

[86] 2008-11-26 (PCT/US2008/084768)

[87] (WO2009/070627)

[30] US (60/991,521) 2007-11-30

[30] US (12/277,555) 2008-11-25

[11] **2,707,317**
[13] C

[51] **Int.Cl. B22D 30/00 (2006.01) B22C 7/02 (2006.01) B22D 21/04 (2006.01)**

[25] EN

[54] **INVESTMENT CASTINGS AND PROCESS**

[54] **MOULAGE A MODELE PERDU ET PROCEDE CONNEXE**

[72] KENNERKNECHT, STEVEN, CA

[73] KENNERKNECHT, STEVEN, CA

[86] (2707317)

[87] (2707317)

[22] 2010-06-10

**Canadian Patents Issued
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[11] **2,707,417**
[13] C

[51] **Int.Cl. B61F 5/04 (2006.01) B61D 3/10 (2006.01) B61D 3/18 (2006.01) B61F 5/06 (2006.01)**

[25] EN

[54] **RAIL ROAD FREIGHT CAR WITH RESILIENT SUSPENSION**

[54] **WAGON DE MARCHANDISES A SUSPENSION ELASTIQUE**

[72] FORBES, JAMES W., CA

[73] NATIONAL STEEL CAR LIMITED, CA

[86] (2707417)

[87] (2707417)

[22] 2001-08-01

[62] 2,354,611

[11] **2,710,656**
[13] C

[51] **Int.Cl. B01F 1/00 (2006.01) A01J 7/02 (2006.01) A47L 15/44 (2006.01)**

[25] EN

[54] **CLEANING CONCENTRATE SUPPLY DEVICE, AND MILKING DEVICE AND METHOD THEREWITH**

[54] **DISPOSITIF DE DISTRIBUTION DE PRODUIT CONCENTRE DE NETTOYAGE, DISPOSITIF DE TRAITE ET PROCEDE ASSOCIE**

[72] VEENSTRA, AALZE, NL

[72] FRANSEN, RENATUS IGNATIUS JOSEPHUS, NL

[73] LELY PATENT N.V., NL

[85] 2010-06-23

[86] 2009-02-04 (PCT/NL2009/000025)

[87] (WO2009/104953)

[30] NL (1035033) 2008-02-18

[11] **2,711,743**
[13] C

[51] **Int.Cl. A61K 31/517 (2006.01) A61P 21/00 (2006.01) C07D 401/06 (2006.01)**

[25] EN

[54] **QUINAZOLINONE DERIVATIVES FOR TREATING OR PREVENTING SKELETAL MUSCLE FIBROSIS**

[54] **COMPOSITION ET PROCEDE POUR TRAITER OU PREVENIR UNE FIBROSE DES MUSCLES SQUELETTIQUES**

[72] PINES, MARK, IL

[72] NAGLER, ARNON, IL

[73] AGRICULTURAL RESEARCH ORGANIZATION, IL

[73] HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT COMPANY LTD., IL

[85] 2010-07-08

[86] 2008-01-21 (PCT/IL2008/000088)

[87] (WO2008/087650)

[30] US (60/885,896) 2007-01-21

[11] **2,713,269**
[13] C

[51] **Int.Cl. C04B 28/06 (2006.01) C04B 28/16 (2006.01) C04B 40/00 (2006.01)**

[25] EN

[54] **SOLID MIXTURE AND COATING BASED ON A SULFO-ALUMINOUS OR SULFO-FERROALUMINOUS CLINKER AND CEMENTITIOUS-BASED PIPES THUS COATED**

[54] **MELANGE SOLIDE ET REVETEMENT A BASE D'UN CLINKER SULFO-ALUMINEUX OU SULFO-FERROALUMINEUX ET CONDUITS A BASE DE CIMENT AINSI REVETUS**

[72] ALFANI, ROBERTA, IT

[72] LEZZI, GIANLUCA, IT

[73] ITALCEMENTI S.P.A., IT

[85] 2010-07-23

[86] 2008-01-31 (PCT/IB2008/000299)

[87] (WO2009/095734)

[11] **2,713,311**
[13] C

[51] **Int.Cl. G07C 5/00 (2006.01) G06Q 10/06 (2012.01) G06Q 10/08 (2012.01) B60P 3/00 (2006.01) G08G 1/123 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR SENSING CARGO LOADS AND TRAILER MOVEMENT**

[54] **SYSTEME ET PROCEDE POUR DETECTER DES CHARGES DE MARCHANDISES ET DES MOUVEMENTS DE REMORQUE**

[72] FAUS, JUAN, US

[72] PARISI, MARK D., US

[73] OMNITRACS, LLC, US

[85] 2010-07-26

[86] 2009-01-26 (PCT/US2009/031994)

[87] (WO2009/097239)

[30] US (12/021,667) 2008-01-29

[11] **2,714,025**
[13] C

[51] **Int.Cl. H04L 12/44 (2006.01)**

[25] EN

[54] **BANDWIDTH ALLOCATION METHOD AND PASSIVE OPTICAL NETWORK SYSTEM**

[54] **PROCEDE D'ATTRIBUTION DE LARGEUR DE BANDE ET SYSTEME DE RESEAU OPTIQUE PASSIF**

[72] MURAYAMA, DAISUKE, JP

[72] OOTA, NORIYUKI, JP

[72] MIKI, NORIKI, JP

[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP

[85] 2010-08-03

[86] 2009-02-17 (PCT/JP2009/052698)

[87] (WO2009/107519)

[30] JP (2008-044948) 2008-02-26

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[11] **2,714,117**
[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) C23C 2/28 (2006.01) C23C 2/40 (2006.01)**

[25] EN

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

[54] **TOLE D'ACIER REVETUE DE ZINC EN BAIN FONDU A HAUTE RESISTANCE PRESENTANT UNE EXCELLENTE APTITUDE AU FACONNAGE ET SON PROCEDE DE FABRICATION**

[72] KAWASAKI, YOSHIYASU, JP
[72] NAKAGAITO, TATSUYA, JP
[72] KANEKO, SHINJIRO, JP
[72] MATSUOKA, SAJI, JP
[73] JFE STEEL CORPORATION, JP
[85] 2010-08-04
[86] 2009-02-05 (PCT/JP2009/052353)
[87] (WO2009/099251)
[30] JP (2008-029087) 2008-02-08
[30] JP (2009-012508) 2009-01-23

[11] **2,714,132**
[13] C

[51] **Int.Cl. F16L 55/46 (2006.01)**

[25] EN

[54] **CLOSURE FOR A PIPELINE PIG SENDER OR RECEIVER**

[54] **FERMETURE POUR EMETTEUR OU RECEPTEUR DE RACLEUR DE PIPELINES**

[72] NELSON, DAVID L., CA
[72] BAKER, ALLEN D., CA
[72] NOWICKI, TRENT C., CA
[73] BAKER, ALLEN D., CA
[86] (2714132)
[87] (2714132)
[22] 2010-09-03

[11] **2,715,977**
[13] C

[51] **Int.Cl. H04L 29/08 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR PERFORMING SESSION INFO QUERY FOR USER PLANE LOCATION**

[54] **PROCEDE ET APPAREIL PERMETTANT DE DEMANDER DES INFORMATIONS DE SESSION SUR LA LOCALISATION D'UN PLAN D'UTILISATEUR**

[72] BURROUGHS, KIRK ALLAN, US
[72] EDGE, STEPHEN W., US
[72] LIN, IE-HONG, US
[72] WACHTER, ANDREAS K., US
[73] QUALCOMM INCORPORATED, US
[85] 2010-08-18
[86] 2009-02-20 (PCT/US2009/034786)
[87] (WO2009/108585)
[30] US (61/031,622) 2008-02-26
[30] US (12/263,225) 2008-10-31

[11] **2,719,649**
[13] C

[51] **Int.Cl. B63B 21/54 (2006.01)**

[25] EN

[54] **THREADING DEVICE**

[54] **DISPOSITIF D'ENFILAGE**

[72] CARLSON, ERIC, SE
[73] CARLSON, ERIC, SE
[85] 2010-09-24
[86] 2008-04-11 (PCT/SE2008/050418)
[87] (WO2009/126082)

[11] **2,720,019**
[13] C

[51] **Int.Cl. B61L 23/18 (2006.01)**

[25] EN

[54] **TRAIN CONTROL METHOD AND SYSTEM**

[54] **PROCEDE ET SYSTEME DE COMMANDE DE TRAINS**

[72] KNOTT, JEFFREY G., US
[72] GRAHAM, STEVE R., US
[72] GRIMM, ANN K., US
[72] MOORE, JAMES H., US
[72] WILSON, M. FRANK, US
[72] KERNWEIN, JEFFREY D., US
[73] WABTEC HOLDING CORP., US
[85] 2010-09-28
[86] 2009-09-09 (PCT/US2009/056311)
[87] (WO2010/030628)
[30] US (12/207,012) 2008-09-09

[11] **2,720,825**
[13] C

[51] **Int.Cl. H04W 12/00 (2009.01)**

[25] EN

[54] **APPARATUS, AND AN ASSOCIATED METHOD, FOR FACILITATING SECURE OPERATIONS OF A WIRELESS DEVICE**

[54] **APPAREIL, ET METHODE CONNEXE DESTINEE A FACILITER L'EXPLOITATION SECURISEE D'UN DISPOSITIF SANS FIL**

[72] MAJOR, DANIEL JONAS, CA
[72] ADAMS, NEIL PATRICK, CA
[72] BENDER, CHRISTOPHER LYLE, CA
[72] TU, VAN QUY, CA
[72] WHITEHOUSE, OLIVER, GB
[73] BLACKBERRY LIMITED, CA
[86] (2720825)
[87] (2720825)
[22] 2010-11-12
[30] US (61/296,824) 2010-01-20
[30] US (12/828,668) 2010-07-01

[11] **2,723,906**
[13] C

[51] **Int.Cl. H05B 6/02 (2006.01) B22C 5/18 (2006.01)**

[25] EN

[54] **MIXING DEVICE HAVING INDUCTION HEATING**

[54] **DISPOSITIF DE MELANGE AVEC CHAUFFAGE PAR INDUCTION**

[72] GERL, STEFAN, DE
[72] SEILER, ANDREAS, DE
[73] MASCHINENFABRIK GUSTAV EIRICH GMBH & CO. KG, DE
[85] 2010-11-09
[86] 2009-07-15 (PCT/EP2009/059098)
[87] (WO2010/015496)
[30] DE (10 2008 041 104.3) 2008-08-07

[11] **2,724,207**
[13] C

[51] **Int.Cl. G01N 27/49 (2006.01)**

[25] EN

[54] **ELECTROCHEMICAL SENSOR WITH DIFFUSION LABYRINTH**

[54] **CAPTEUR ELECTROCHIMIQUE A LABYRINTHE DE DIFFUSION**

[72] ECKHARDT, ROLF, DE
[72] WEBER, MARTIN, DE
[73] MSA AUER GMBH, DE
[85] 2010-11-12
[86] 2009-05-07 (PCT/EP2009/055535)
[87] (WO2009/138357)
[30] DE (102008024392.2) 2008-05-15

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[11] **2,725,364**
[13] C
[51] **Int.Cl. B60R 21/01 (2006.01) B60K 28/12 (2006.01) B60R 21/00 (2006.01)**
[25] EN
[54] **ULTRASONIC PASSENGER DETECTION**
[54] **DETECTION DE PASSAGER PAR ULTRASON**
[72] CITTA, JAMES W., US
[72] URMAN, ROBERT, US
[73] WABTEC HOLDING CORP., US
[85] 2010-11-23
[86] 2009-05-13 (PCT/US2009/043724)
[87] (WO2009/148780)
[30] US (61/058,977) 2008-06-05

[11] **2,726,634**
[13] C
[51] **Int.Cl. C08L 67/04 (2006.01) C08L 1/00 (2006.01) C08L 3/00 (2006.01) C08L 5/00 (2006.01) C08L 33/06 (2006.01) C08L 67/02 (2006.01) C08L 101/16 (2006.01)**
[25] EN
[54] **BIODEGRADABLE IMPACT-MODIFIED POLYMER COMPOSITIONS**
[54] **COMPOSITIONS POLYMERES BIODEGRADABLES A MODIFICATION D'IMPACT**
[72] CYGAN, ZUZANNA, US
[73] ARKEMA INC., US
[85] 2010-12-01
[86] 2009-05-29 (PCT/US2009/045568)
[87] (WO2009/151977)
[30] US (61/061,323) 2008-06-13

[11] **2,726,986**
[13] C
[51] **Int.Cl. C30B 33/02 (2006.01)**
[25] EN
[54] **ANNEALING OF SEMI-INSULATING CDZNTE CRYSTALS**
[54] **RECUIT DE CRISTAUX DE CDZNTE SEMI-ISOLANT**
[72] SZELES, CSABA, US
[72] PROKESCH, MICHAEL, US
[72] CHAKRABARTI, UTPAL, US
[73] II-VI INCORPORATED, US
[85] 2010-12-03
[86] 2009-06-02 (PCT/US2009/045933)
[87] (WO2009/149062)
[30] US (61/059,408) 2008-06-06

[11] **2,727,170**
[13] C
[51] **Int.Cl. H01J 61/02 (2006.01) H01J 61/35 (2006.01)**
[25] EN
[54] **COMPACT UV IRRADIATION MODULE**
[54] **MODULE COMPACT D'IRRADIATION AUX ULTRAVIOLETS**
[72] LINOW, SVEN, DE
[72] PRETSCH, RALF, DE
[72] ARNOLD, THOMAS, DE
[73] HERAEUS NOBLELIGHT GMBH, DE
[85] 2010-12-07
[86] 2009-06-15 (PCT/EP2009/004296)
[87] (WO2010/003511)
[30] DE (10 2008 028 233.2) 2008-06-16

[11] **2,727,374**
[13] C
[51] **Int.Cl. A01D 7/06 (2006.01) E01H 15/00 (2006.01)**
[25] EN
[54] **LAWN MAINTENANCE DEVICE**
[54] **DISPOSITIF D'ENTRETIEN DE PELOUSE**
[72] MARCHESE, VINCENZO, CA
[73] MARCHESE, VINCENZO, CA
[85] 2010-12-07
[86] 2009-06-09 (PCT/CA2009/000792)
[87] (WO2010/000059)
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[87] (WO2010/089452)
[30] FI (20095094) 2009-02-03

[11] **2,751,354**
[13] C

[51] **Int.Cl. B65G 41/00 (2006.01) A01B 73/02 (2006.01) A01D 87/02 (2006.01) A01F 25/18 (2006.01) B60P 1/36 (2006.01) B65G 21/08 (2006.01) B65G 65/30 (2006.01)**

[25] EN

[54] **MOVABLE CONVEYOR FOR LOADING A CONTAINER**

[54] **CONVOYEUR MOBILE POUR CHARGER UN CONTENEUR**

[72] FRIESEN, HENRY, CA
[73] CONVEY-ALL INDUSTRIES INC., CA
[86] (2751354)
[87] (2751354)
[22] 2011-08-22

[11] **2,751,672**
[13] C

[51] **Int.Cl. B01D 11/04 (2006.01) C22B 3/02 (2006.01)**

[25] EN

[54] **METHOD AND ARRANGEMENT FOR SEPARATING TWO SOLUTIONS MIXED IN DISPERSION INTO TWO SOLUTION PHASES IN A LIQUID-LIQUID EXTRACTION SEPARATION CELL**

[54] **PROCEDE ET AGENCEMENT POUR LA SEPARATION DE DEUX SOLUTIONS MELANGEES SOUS FORME D'UNE DISPERSION EN DEUX PHASES DE TYPE SOLUTIONS DANS UNE CELLULE DE SEPARATION PAR EXTRACTION LIQUIDE-LIQUIDE**

[72] NYMAN, BROR, FI
[72] EKMAN, EERO, FI
[72] PEKKALA, PERTTI, FI
[72] LAITALA, HANNU, FI
[72] SAARIO, RAMI, FI
[73] OUTOTEC OYJ, FI
[85] 2011-08-05
[86] 2010-02-05 (PCT/FI2010/050070)
[87] (WO2010/089456)
[30] FI (20095122) 2009-02-09

[11] **2,751,674**
[13] C

[51] **Int.Cl. B01D 11/04 (2006.01) C22B 3/02 (2006.01)**

[25] EN

[54] **METHOD AND ARRANGEMENT FOR SEPARATING TWO SOLUTIONS MIXED IN DISPERSION INTO TWO SOLUTION PHASES IN A LIQUID-LIQUID EXTRACTION SEPARATION CELL**

[54] **PROCEDE ET DISPOSITIF POUR SEPARER DEUX SOLUTIONS MELANGEES EN DISPERSION DANS DEUX PHASES EN SOLUTION DANS UNE CELLULE DE SEPARATION D'EXTRACTION LIQUIDE-LIQUIDE**

[72] NYMAN, BROR, FI
[72] EKMAN, EERO, FI
[72] PEKKALA, PERTTI, FI
[72] LAITALA, HANNU, FI
[72] SAARIO, RAMI, FI
[73] OUTOTEC OYJ, FI
[85] 2011-08-05
[86] 2010-02-08 (PCT/FI2010/050081)
[87] (WO2010/089462)
[30] FI (20095121) 2009-02-09

[11] **2,752,630**
[13] C

[51] **Int.Cl. H04B 7/005 (2006.01) H04B 7/08 (2006.01) H04J 11/00 (2006.01)**

[25] EN

[54] **ENHANCED CHANNEL ESTIMATION FOR COMMUNICATION SYSTEM RECEIVER**

[54] **ESTIMATION DE CANAL AMELIOREE POUR RECEPTEUR DE SYSTEME DE COMMUNICATION**

[72] IM, SE BIN, KR
[72] PARK, JONG HYEON, US
[72] KIM, JE WOO, US
[72] CHOI, HYUNG JIN, KR
[73] QUALCOMM INCORPORATED, US
[86] (2752630)
[87] (2752630)
[22] 2007-05-29
[62] 2,652,146
[30] US (11/445,735) 2006-06-01

[11] **2,752,801**
[13] C

[51] **Int.Cl. B02C 4/30 (2006.01)**

[25] EN

[54] **TOOTH CONSTRUCTION**

[54] **STRUCTURE DENTEE**

[72] BARBER, RICHARD, GB
[73] MMD DESIGN & CONSULTANCY LIMITED, GB
[85] 2011-08-17
[86] 2010-02-16 (PCT/GB2010/050252)
[87] (WO2010/094951)
[30] GB (0902729.3) 2009-02-19

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[11] **2,754,725**
[13] C

[51] **Int.Cl. H04W 52/08 (2009.01) H04W 74/08 (2009.01)**
[25] EN
[54] **RANDOM ACCESS SIGNALING TRANSMISSION FOR SYSTEM ACCESS IN WIRELESS COMMUNICATION**
[54] **TRANSMISSION DE SIGNALEMENT D'ACCES ALEATOIRE POUR UN ACCES SYSTEME DANS UNE COMMUNICATION SANS FIL**
[72] DAMNJANOVIC, ALEKSANDAR, US
[72] MONTOJO, JUAN, US
[72] MALLADI, DURGA PRASAD, US
[73] QUALCOMM INCORPORATED, US
[86] (2754725)
[87] (2754725)
[22] 2007-10-03
[62] 2,663,162
[30] US (60/828,058) 2006-10-03

[11] **2,757,120**
[13] C

[51] **Int.Cl. B25B 1/02 (2006.01)**
[25] EN
[54] **QUICK RELEASE BENCH VISE SYSTEM**
[54] **SYSTEME D'ETAU DE BANC A FIXATION RAPIDE**
[72] SEBER, BRETT P., US
[72] TOM, WESLEY JAMES, US
[73] SEBER DESIGN GROUP, INC., US
[85] 2011-09-29
[86] 2009-11-18 (PCT/US2009/064900)
[87] (WO2010/062813)
[30] US (61/118,320) 2008-11-26

[11] **2,757,947**
[13] C

[51] **Int.Cl. B65D 19/38 (2006.01)**
[25] EN
[54] **RIGID URETHANE SELF-SKINNING FOAM TOP FRAME, PALLET SUPPORT BOARD, AND PALLET**
[54] **CADRE SUPERIEUR EN MOUSSE D'URETHANE RIGIDE A PEAU INTEGRALE, PANNEAU PORTE-PALETTE ET PALETTE**
[72] FRANKENBERG, JASON R., US
[73] ORBIS CORPORATION, US
[86] (2757947)
[87] (2757947)
[22] 2011-11-08
[30] US (61/411,501) 2010-11-09
[30] US (13/290,601) 2011-11-07

[11] **2,758,104**
[13] C

[51] **Int.Cl. H04N 13/00 (2006.01)**
[25] EN
[54] **BROADCAST TRANSMITTER, BROADCAST RECEIVER AND 3D VIDEO DATA PROCESSING METHOD THEREOF**
[54] **EMETTEUR DE DIFFUSION, RECEPTEUR DE DIFFUSION ET PROCEDE DE TRAITEMENT DE DONNEES VIDEO 3D DE CES EMETTEUR ET RECEPTEUR**
[72] SUH, JONG YEUL, KR
[72] YANG, JEONG HYU, KR
[73] LG ELECTRONICS INC., KR
[85] 2011-10-06
[86] 2010-01-19 (PCT/KR2010/000336)
[87] (WO2010/117129)
[30] US (61/167,518) 2009-04-07

[11] **2,760,142**
[13] C

[51] **Int.Cl. B61D 7/32 (2006.01) B65D 88/64 (2006.01) B65G 65/30 (2006.01)**
[25] EN
[54] **SYSTEM FOR BREAKING CAKED MATERIALS IN A RAILROAD HOPPER CAR**
[54] **SYSTEME CONCUCU POUR BROYER DES SUBSTANCES COMPACTEES DANS UN WAGON-TREMIE**
[72] WINSOR, ROBERT B., CA
[73] HOLDEN INTERNATIONAL INC., BB
[86] (2760142)
[87] (2760142)
[22] 2011-12-01
[30] US (61/418,696) 2010-12-01

[11] **2,760,624**
[13] C

[51] **Int.Cl. G06F 17/20 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SERVER, DICTIONARY CREATION METHOD, DICTIONARY CREATION PROGRAM, AND COMPUTER-READABLE RECORDING MEDIUM RECORDING THE PROGRAM**
[54] **SERVEUR, METHODE ET PROGRAMME DE CREATION DE DICTIONNAIRES, ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR POUR ENREGISTRER LE PROGRAMME**
[72] BANDARA, UDANA, JP
[73] RAKUTEN, INC., JP
[85] 2011-12-02
[86] 2011-04-26 (PCT/JP2011/060187)
[87] (WO2012/077369)
[30] JP (P2010-272790) 2010-12-07

[11] **2,761,704**
[13] C

[51] **Int.Cl. A23K 1/00 (2006.01) A23K 1/18 (2006.01) A23K 1/20 (2006.01) A23L 1/00 (2006.01)**
[25] EN
[54] **PET FOOD IN THE FORM OF A COATED KIBBLE**
[54] **ALIMENT POUR ANIMAUX DE COMPAGNIE SOUS LA FORME D'UNE CROQUETTE ENROBEE**
[72] SUNVOLD, GREGORY DEAN, US
[72] CORRIGAN, PATRICK JOSEPH, US
[73] THE IAMS COMPANY, US
[85] 2011-11-09
[86] 2010-05-20 (PCT/US2010/035551)
[87] (WO2010/138372)
[30] US (61/181,702) 2009-05-28

[11] **2,762,993**
[13] C

[51] **Int.Cl. A01G 23/14 (2006.01)**
[25] EN
[54] **THIN-WALL SAP-COLLECTING DEVICE**
[54] **DISPOSITIF DE COLLECTE DE SEVE A PAROIS MINCES**
[72] COTE, MARTIN, CA
[72] VACHON, LEANDRE, CA
[73] LE GROUPE DSD INC., CA
[86] (2762993)
[87] (2762993)
[22] 2011-12-29

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[11] **2,763,181**
[13] C

[51] **Int.Cl. B08B 3/10 (2006.01) C09K 3/32 (2006.01)**
[25] EN
[54] **METHOD FOR CLEANING OIL SOAKED BONDED PANELS AND LAMINATES**
[54] **PROCEDE DE NETTOYAGE DE PANNEAUX LIES ET DE STRATIFIES TREMPES D'HUILE**
[72] WHITWORTH, DENVER RAY, US
[72] CRIBB, VANCE NEWTON, III, US
[73] BELL HELICOPTER TEXTRON INC., US
[85] 2011-11-22
[86] 2009-05-29 (PCT/US2009/045559)
[87] (WO2010/138125)

[11] **2,765,107**
[13] C

[51] **Int.Cl. H03F 1/07 (2006.01)**
[25] EN
[54] **POWER AMPLIFIER AND TRANSMITTER**
[54] **AMPLIFICATEUR DE PUISSANCE ET EMETTEUR**
[72] GONG, XUN, CN
[72] SUN, JIE, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2011-12-09
[86] 2010-06-08 (PCT/CN2010/073687)
[87] (WO2010/142234)
[30] CN (200910146114.6) 2009-06-12

[11] **2,765,238**
[13] C

[51] **Int.Cl. B24D 11/00 (2006.01) B24D 3/20 (2006.01) B24D 3/26 (2006.01)**
[25] EN
[54] **BONDED ABRASIVE TOOL AND METHOD OF FORMING**
[54] **OUTIL ABRASIF LIE ET SON PROCEDE DE FORMATION**
[72] ZUYEV, KONSTANTIN S., US
[72] STRANDGAARD, WALTER, US
[72] FIFE, JOEL A., US
[72] JEEVANANTHAM, MUTHU, US
[73] SAINT-GOBAIN ABRASIVES, INC., US
[73] SAINT-GOBAIN ABRASIFS, FR
[85] 2011-06-27
[86] 2009-12-22 (PCT/US2009/069296)
[87] (WO2010/078171)
[30] US (61/141,592) 2008-12-30

[11] **2,765,375**
[13] C

[51] **Int.Cl. G05D 1/02 (2006.01) E21F 13/02 (2006.01)**
[25] EN
[54] **DEFINITION OF DATA REQUIRED FOR AUTOMATIC CONTROL OF MOBILE MINING MACHINE**
[54] **DEFINITION DES DONNEES REQUISES POUR LA COMMANDE AUTOMATIQUE D'UNE MACHINE D'EXPLOITATION MINIERE MOBILE**
[72] RUOKOJAERVI, JARKKO, FI
[72] MAEKELAE, HANNU, FI
[72] LEHTINEN, ANTTI, FI
[72] SIEVILAE, JOUNI, FI
[73] SANDVIK MINING AND CONSTRUCTION OY, FI
[85] 2011-12-13
[86] 2010-06-22 (PCT/FI2010/050529)
[87] (WO2010/149852)
[30] FI (20095716) 2009-06-24

[11] **2,765,832**
[13] C

[51] **Int.Cl. A01C 7/04 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **PICK ASSEMBLY FOR AGRICULTURAL SEED PRODUCT AND PICK FOR THE PICK ASSEMBLY**
[54] **BLOC DE PRELEVEMENT POUR UN PRODUIT D'ENSEMENCEMENT AGRICOLE ET BRAS POUR LEDIT BLOC DE PRELEVEMENT**
[72] ALTENDORF, WAYDE, US
[72] NILSON, MICHAEL, US
[73] CRARY INDUSTRIES, INC., US
[86] (2765832)
[87] (2765832)
[22] 2012-01-31
[30] US (13/028,373) 2011-02-16

[11] **2,765,937**
[13] C

[51] **Int.Cl. G01B 5/004 (2006.01) B25H 7/00 (2006.01)**
[25] EN
[54] **POSITIONING DEVICE WITH EXTENSIBLE CORD AND METHOD**
[54] **DISPOSITIF DE POSITIONNEMENT AVEC CABLE EXTENSIBLE ET PROCEDE ASSOCIE**
[72] SWANSON, DAVID W., US
[72] SWANSON, WILLIAM ROBERT, US
[73] DELTA II, I.P.; TRUST, US
[85] 2011-12-19
[86] 2009-09-29 (PCT/US2009/005368)
[87] (WO2010/147571)
[30] US (PCT/US2009/003690) 2009-06-18

[11] **2,766,083**
[13] C

[51] **Int.Cl. H04N 21/431 (2011.01) H04N 21/858 (2011.01) G11B 27/10 (2006.01)**
[25] EN
[54] **STORAGE MEDIUM FOR STORING TEXT-BASED SUBTITLE DATA INCLUDING STYLE INFORMATION, AND APPARATUS AND METHOD REPRODUCING THEREOF**
[54] **SUPPORT DE STOCKAGE POUR LE STOCKAGE DE DONNEES DE SOUS-TITRES DE TEXTE COMPRENANT UNE INFORMATION DE STYLE, ET APPAREIL ET PROCEDE DE REPRODUCTION ASSOCIES**
[72] JUNG, KIL-SOO, KR
[72] PARK, SUNG-WOOK, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2766083)
[87] (2766083)
[22] 2005-02-19
[62] 2,556,521
[30] KR (10-2004-0011699) 2004-02-21

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[11] **2,766,154**
[13] C

[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/4725 (2006.01) A61P 3/10 (2006.01) A61P 25/00 (2006.01)**

[25] EN

[54] **NOVEL FUMARATE SALTS OF A HISTAMINE H3 RECEPTOR ANTAGONIST**

[54] **NOUVEAUX SELS FUMARATES D'UN ANTAGONISTE DES RECEPTEURS H3 DE L'HISTAMINE**

[72] LANGEVIN, BEVERLY C., US

[72] FARR, ROBERT ALLAN, US

[72] SHAH, DINUBHAI H., US

[72] SHERER, DANIEL, US

[73] SANOFI, FR

[85] 2011-12-20

[86] 2010-06-24 (PCT/US2010/039731)

[87] (WO2010/151611)

[30] US (61/220,683) 2009-06-26

[30] FR (0959110) 2009-12-17

[11] **2,766,236**
[13] C

[51] **Int.Cl. B42F 13/22 (2006.01) B42F 13/00 (2006.01) B42F 13/16 (2006.01) B42F 13/36 (2006.01)**

[25] EN

[54] **RING BINDER MECHANISM**

[54] **MECANISME DE RELIURE A ANNEAUX**

[72] NG, WING YIU, HK

[72] CHENG, HUNG YU, HK

[73] WORLD WIDE STATIONERY MFG. CO., LTD., HK

[86] (2766236)

[87] (2766236)

[22] 2007-07-20

[62] 2,594,247

[30] US (60/827,205) 2006-09-27

[30] US (11/681,590) 2007-03-02

[11] **2,766,259**
[13] C

[51] **Int.Cl. B24D 15/10 (2006.01) B24D 3/00 (2006.01) B24D 3/20 (2006.01) B24D 3/22 (2006.01) B24D 15/04 (2006.01) B24D 15/08 (2006.01)**

[25] EN

[54] **DEVICE FOR TREATING BLADES TO IMPROVE THEIR CUTTING PROPERTIES**

[54] **DISPOSITIF DE TRAITEMENT DES LAMES POUR EN AMELIORER LES PROPRIETES DE COUPE**

[72] MARTELL, CELSO E., CA

[73] MARTELL, CELSO E., CA

[85] 2011-12-21

[86] 2009-07-10 (PCT/CA2009/000956)

[87] (WO2010/006422)

[30] US (61/129,708) 2008-07-14

[11] **2,766,994**
[13] C

[51] **Int.Cl. H04W 28/08 (2009.01) H04W 76/02 (2009.01)**

[25] EN

[54] **SERVER FOR CONTROL PLANE AT MOBILE COMMUNICATION NETWORK AND METHOD FOR CONTROLLING SIPTO BASED SESSION**

[54] **SERVEUR POUR PLAN DE COMMANDE AU NIVEAU D'UN RESEAU DE COMMUNICATION MOBILE ET PROCEDE DE COMMANDE DE SESSION BASEE SUR SIPTO**

[72] KIM, TAEHYEON, KR

[72] KIM, LAEYOUNG, KR

[72] STOJANOVSKI, SASO, FR

[72] KIM, HYUNSOOK, KR

[73] LG ELECTRONICS INC., KR

[85] 2011-12-29

[86] 2010-08-20 (PCT/KR2010/005515)

[87] (WO2011/021876)

[30] US (61/235,691) 2009-08-21

[30] US (61/236,545) 2009-08-25

[30] US (61/301,635) 2010-02-05

[30] US (61/302,157) 2010-02-07

[30] US (61/329,531) 2010-04-29

[30] KR (10-2010-0044162) 2010-05-11

[30] KR (10-2010-0056731) 2010-06-15

[11] **2,767,548**
[13] C

[51] **Int.Cl. A23L 1/164 (2006.01) A23L 1/09 (2006.01) A23L 1/10 (2006.01) A23L 1/217 (2006.01)**

[25] EN

[54] **RICE FLOUR COMPOSITIONS**

[54] **COMPOSITIONS DE FARINE DE RIZ**

[72] VILLAGRAN, MARIA DOLORES MARTINEZ-SERNA, US

[72] KUMAR, YASHWANT, JP

[72] KONG, CONSUELO, US

[72] BRUNO, DAVID JOSEPH, JR., US

[72] BOIANO, ANTHONY JOHN, US

[73] PRINGLES S.A.R.L., LU

[85] 2012-01-06

[86] 2010-07-22 (PCT/US2010/042848)

[87] (WO2011/011571)

[30] US (61/228,222) 2009-07-24

[11] **2,767,725**
[13] C

[51] **Int.Cl. H04N 7/12 (2006.01) H04N 21/2381 (2011.01)**

[25] EN

[54] **IP VIDEO DELIVERY USING FLEXIBLE CHANNEL BONDING**

[54] **DISTRIBUTION DE CONTENU VIDEO SUR IP A L'AIDE D'UNE LIAISON DE CANAUX FLEXIBLE**

[72] ULM, JOHN M., US

[72] MAURER, PATRICK M., US

[72] PATRICK, MICHAEL W., US

[73] MOTOROLA MOBILITY LLC, US

[85] 2012-01-09

[86] 2010-07-27 (PCT/US2010/043364)

[87] (WO2011/014498)

[30] US (61/229,269) 2009-07-28

[30] US (12/843,858) 2010-07-26

[11] **2,767,766**
[13] C

[51] **Int.Cl. H04W 8/20 (2009.01)**

[25] EN

[54] **WIRELESS PROVISIONING SOLUTION FOR TARGET DEVICES**

[54] **SOLUTION D'APPROVISIONNEMENT SANS FIL POUR DES DISPOSITIFS CIBLES**

[72] DOYLE, THOMAS F., US

[73] OMNITRACS, LLC, US

[85] 2012-01-10

[86] 2010-07-20 (PCT/US2010/042622)

[87] (WO2011/011425)

[30] US (12/506,142) 2009-07-20

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[11] **2,769,013**
[13] C

[51] **Int.Cl. C07K 14/63 (2006.01) A61K 38/00 (2006.01) A61P 1/00 (2006.01)**

[25] EN

[54] **MOTILIN-LIKE PEPTIDE COMPOUND HAVING TRANSMUCOSAL ABSORBABILITY IMPARTED THERETO**

[54] **COMPOSE PEPTIDIQUE DE TYPE MOTILINE PRESENTANT UNE FACULTE D'ABSORPTION TRANSMUCOSALE QUI LUI EST ASSOCIEE**

[72] SATO, SEIJI, JP
[72] HANADA, TAKESHI, JP
[72] WAKABAYASHI, NAOMI, JP
[72] MASUDA, YUTAKA, JP
[72] HARADA, YURIKO, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP

[85] 2012-01-24
[86] 2010-07-29 (PCT/JP2010/062746)
[87] (WO2011/013728)
[30] JP (2009-177107) 2009-07-29

[11] **2,769,026**
[13] C

[51] **Int.Cl. A61M 25/00 (2006.01) A61M 25/01 (2006.01)**

[25] EN

[54] **CATHETER HAVING IMPROVED DRAINAGE AND/OR A RETRACTABLE SLEEVE AND METHOD OF USING THE SAME**

[54] **CATHETER AYANT UN DRAINAGE AMELIORE ET/OU UN MANCHON RETRACTABLE ET PROCEDE D'UTILISATION DE CELUI-CI**

[72] CARLEO, STEVEN, US
[73] C.R. BARD, INC., US

[85] 2012-01-24
[86] 2009-08-28 (PCT/US2009/055395)
[87] (WO2011/014201)
[30] US (61/229,563) 2009-07-29

[11] **2,770,390**
[13] C

[51] **Int.Cl. F03B 13/08 (2006.01) F03B 3/02 (2006.01)**

[25] EN

[54] **SHAFT POWER PLANT**

[54] **CENTRALE SOUTERRAINE**

[72] SEPP, ALBERT, DE
[72] RUTSCHMANN, PETER, DE
[73] TECHNISCHE UNIVERSITAET MUENCHEN, DE

[85] 2012-02-07
[86] 2010-07-08 (PCT/EP2010/004184)
[87] (WO2011/018141)
[30] DE (10 2009 037 196.6) 2009-08-12

[11] **2,771,967**
[13] C

[51] **Int.Cl. A23L 1/30 (2006.01) A61K 36/28 (2006.01) A61P 27/02 (2006.01)**

[25] EN

[54] **A XANTHOPHYL COMPOSITION CONTAINING MACULAR PIGMENTS AND A PROCESS FOR ITS PREPARATION**

[54] **COMPOSITION A BASE DE XANTHOPHYLLES CONTENANT DES PIGMENTS MACULAIRES ET SON PROCEDE DE PREPARATION**

[72] KUMAR, T. K. SUNIL, IN
[72] ABDULKADIR, SHERENA P., IN
[73] OMNIACTIVE HEALTH TECHNOLOGIES LTD., IN

[85] 2012-02-23
[86] 2010-09-02 (PCT/IB2010/002188)
[87] (WO2011/027209)
[30] IN (2008/MUM/2009) 2009-09-02
[30] US (61/256,667) 2009-10-30

[11] **2,772,544**
[13] C

[51] **Int.Cl. G06K 11/06 (2006.01) G06F 3/041 (2006.01)**

[25] EN

[54] **SELECTIVE REJECTION OF TOUCH CONTACTS IN AN EDGE REGION OF A TOUCH SURFACE**

[54] **REJET SELECTIF DE CONTACTS TACTILES A LA PERIPHERIE D'UNE SURFACE TACTILE**

[72] WESTERMAN, WAYNE CARL, US
[73] APPLE INC., US

[86] (2772544)
[87] (2772544)
[22] 2008-12-22
[62] 2,647,561
[30] US (61/019,220) 2008-01-04
[30] US (12/242,772) 2008-09-30

[11] **2,773,116**
[13] C

[51] **Int.Cl. H04W 24/02 (2009.01)**

[25] EN

[54] **SERVICE DEACTIVATION METHOD AND DEVICE THEREOF**

[54] **PROCEDE DE DESACTIVATION DE SERVICE ET DISPOSITIF CORRESPONDANT**

[72] LIU, XINYU, CN
[72] YAN, JIE, CN
[72] SHU, CHANG, CN
[72] HE, MENG, CN
[73] ZTE CORPORATION, CN

[85] 2012-02-24
[86] 2010-05-26 (PCT/CN2010/073271)
[87] (WO2011/026357)
[30] CN (200910161961.X) 2009-09-07

[11] **2,773,805**
[13] C

[51] **Int.Cl. G03G 9/08 (2006.01) C08J 3/16 (2006.01)**

[25] EN

[54] **POLYESTER RESIN COMPRISING A BIOPOLYOL**

[54] **RESINE DE POLYESTER COMPRENANT UN BIOPOLYOL**

[72] FARRUGIA, VALERIE M., CA
[72] ASFAW, BIRITAWIT, CA
[73] XEROX CORPORATION, US

[86] (2773805)
[87] (2773805)
[22] 2012-04-10
[30] US (13/088,324) 2011-04-15

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[11] **2,774,130**
[13] C

[51] **Int.Cl. H04J 13/00 (2011.01) H04B 13/02 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR TRANSMITTING DATA IN LOW-FREQUENCY BAND IN HUMAN BODY COMMUNICATION SYSTEM, AND THE HUMAN BODY COMMUNICATION SYSTEM**

[54] **APPAREIL ET PROCÉDE DE TRANSMISSION DE DONNÉES DANS UNE BANDE BASSE FREQUENCE DANS UN SYSTEME DE COMMUNICATION DE CORPS HUMAIN ET SYSTEME DE COMMUNICATION ASSOCIE**

[72] HWANG, SANG-YUN, KR
[72] KIM, CHUL-JIN, KR
[72] PARK, JAHNG-SUN, KR
[72] LEE, JONG-RIM, KR
[72] CHOI, HYUN-KUK, KR
[72] HEO, CHANG-RYONG, KR
[72] SONG, SEONG-JUN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR

[85] 2012-03-13
[86] 2010-05-07 (PCT/KR2010/002935)
[87] (WO2011/138991)

[11] **2,774,505**
[13] C

[51] **Int.Cl. B25F 5/00 (2006.01) H01H 15/00 (2006.01)**

[25] EN

[54] **TRIGGER LOCK-ON LOCK-OFF MECHANISM**

[54] **MECANISME DE VERROUILLAGE ET DE DEVERROUILLAGE D'UNE DETENTE**

[72] YUAN, PEDRO HUANG BAI, CN
[73] MILWAUKEE ELECTRIC TOOL CORPORATION, US

[86] (2774505)
[87] (2774505)
[22] 2012-04-17

[11] **2,774,781**
[13] C

[51] **Int.Cl. B65G 47/88 (2006.01) B65G 1/08 (2006.01)**

[25] EN

[54] **TIME DELAY SEPARATOR**

[54] **SEPARATEUR A CIRCUIT TEMPORISE**

[72] SEJOURNE, JEROME, FR
[73] INTERROLL HOLDING AG, CH
[86] (2774781)
[87] (2774781)
[22] 2012-04-18
[30] EP (11 290 200.2) 2011-04-26

[11] **2,774,879**
[13] C

[51] **Int.Cl. A61F 9/008 (2006.01) A61F 9/01 (2006.01) H01S 3/109 (2006.01) H01S 3/13 (2006.01)**

[25] EN

[54] **APPARATUS FOR TREATING A MATERIAL AND METHOD FOR OPERATING THE SAME**

[54] **INSTALLATION DE TRAITEMENT DE MATERIAU ET PROCÉDE DE MISE EN OEUVRE ASSOCIE**

[72] WOITTENNEK, FRANZISKA, DE
[72] WOELFEL, MATHIAS, DE
[72] VOGLER, KLAUS, DE
[72] KITTELMANN, OLAF, DE
[73] WAVELIGHT GMBH, DE
[85] 2012-03-21
[86] 2009-11-18 (PCT/EP2009/008209)
[87] (WO2011/060797)

[11] **2,775,391**
[13] C

[51] **Int.Cl. B21D 39/02 (2006.01) B21D 5/16 (2006.01) B21D 19/08 (2006.01)**

[25] EN

[54] **MOTORIZED CRIMPER APPARATUS**

[54] **APPAREIL A SERTIR MOTORISE**

[72] RIDER, TERRY L., US
[73] DEVELOPMENTAL INDUSTRIES, INC., US

[86] (2775391)
[87] (2775391)
[22] 2012-04-25
[30] US (13/190,114) 2011-07-25

[11] **2,776,951**
[13] C

[51] **Int.Cl. B64C 3/14 (2006.01) B64C 3/16 (2006.01) B64C 21/00 (2006.01) B64C 30/00 (2006.01)**

[25] EN

[54] **LAMINAR FLOW WING OPTIMIZED FOR SUPERSONIC AND HIGH SUBSONIC CRUISE AIRCRAFT**

[54] **AILE A ECOULEMENT LAMINAIRE OPTIMISEE POUR AERONEF A VITESSE DE CROISIERE SUPERSONIQUE ET SUBSONIQUE**

[72] TRACY, RICHARD R., US
[72] STURDZA, PETER, US
[72] CHASE, JAMES D., US
[73] AERION CORPORATION, US

[85] 2012-04-05
[86] 2010-10-15 (PCT/US2010/002758)
[87] (WO2011/087475)
[30] US (12/589,424) 2009-10-26

[11] **2,777,037**
[13] C

[51] **Int.Cl. H04W 72/12 (2009.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR TRANSMITTING SCHEDULING REQUEST SIGNAL IN MOBILE COMMUNICATION SYSTEM**

[54] **PROCÉDE ET APPAREIL POUR TRANSMETTRE UN SIGNAL DE DEMANDE D'ORDONNANCEMENT DANS UN SYSTEME DE COMMUNICATION MOBILE**

[72] KIM, SOENG-HUN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR

[85] 2012-04-05
[86] 2010-10-11 (PCT/KR2010/006950)
[87] (WO2011/043637)
[30] KR (10-2009-0096484) 2009-10-09

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[11] **2,777,313**

[13] C

[51] **Int.Cl. F03B 13/08 (2006.01) E02B 9/04 (2006.01) F03B 3/02 (2006.01) F03B 13/10 (2006.01)**

[25] EN

[54] **SHAFT POWER PLANT**

[54] **CENTRALE ELECTRIQUE A PUIITS**

[72] RUTSCHMANN, PETER, DE

[72] SEPP, ALBERT, DE

[73] TECHNISCHE UNIVERSITAET MUENCHEN, DE

[85] 2012-04-11

[86] 2010-10-19 (PCT/EP2010/006391)

[87] (WO2011/054447)

[30] DE (10 2009 052 383.9) 2009-11-09

[11] **2,777,395**

[13] C

[51] **Int.Cl. A61N 1/378 (2006.01)**

[25] EN

[54] **EXTERNAL**

CONTROLLER/CHARGER

SYSTEM FOR AN IMPLANTABLE MEDICAL DEVICE CAPABLE OF AUTOMATICALLY PROVIDING DATA TELEMETRY THROUGH A CHARGING COIL DURING A CHARGING SESSION

[54] **SYSTEME DE DISPOSITIF DE**

COMMANDE/CHARGEUR

EXTERNE POUR UN DISPOSITIF MEDICAL IMPLANTABLE APTE A DELIVRER

AUTOMATIQUEMENT UNE TELEMETRIE DE DONNEES PAR L'INTERMEDIAIRE D'UN ENROULEMENT DE CHARGE DURANT UNE SESSION DE CHARGE

[72] AGHASSIAN, DANIEL, US

[73] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US

[85] 2012-04-11

[86] 2010-10-19 (PCT/US2010/053185)

[87] (WO2011/059643)

[30] US (12/616,250) 2009-11-11

[11] **2,777,399**

[13] C

[51] **Int.Cl. H04L 1/18 (2006.01) H04L 1/02 (2006.01)**

[25] EN

[54] **TRANSMISSION DIVERSITY AND MULTIPLEXING FOR HARQ-ACK SIGNALS IN COMMUNICATION SYSTEMS**

[54] **DIVERSITE D'EMISSIONS ET MULTIPLEXAGE POUR SIGNAUX HARQ-ACK DANS DES SYSTEMES DE COMMUNICATION**

[72] PAPASAKELLARIOU, ARIS, US

[72] CHO, JOON-YOUNG, KR

[73] SAMSUNG ELECTRONICS CO., LTD., KR

[85] 2012-04-11

[86] 2010-10-19 (PCT/KR2010/007166)

[87] (WO2011/049354)

[30] US (61/252,854) 2009-10-19

[30] US (61/355,871) 2010-06-17

[11] **2,779,078**

[13] C

[51] **Int.Cl. E05B 65/52 (2006.01) E05G 1/02 (2006.01) E05G 1/04 (2006.01)**

[25] EN

[54] **SAFE WITH DUAL LOCKING MECHANISM**

[54] **COFFRE-FORT A MECANISME DE VERROUILLAGE DOUBLE**

[72] HACKER, DEAN D., US

[72] MEEKMA, GLENN P., US

[73] MASTER LOCK COMPANY LLC, US

[85] 2012-04-26

[86] 2010-11-02 (PCT/US2010/055039)

[87] (WO2011/053949)

[30] US (61/257,253) 2009-11-02

[11] **2,779,411**

[13] C

[51] **Int.Cl. B29C 70/16 (2006.01) C08J 5/06 (2006.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01) F04D 29/52 (2006.01)**

[25] EN

[54] **CYLINDRICAL STRUCTURE AND METHOD FOR**

MANUFACTURING THE SAME STRUCTURE CYLINDRIQUE, ET PROCEDE DE FABRICATION CORRESPONDANT

[72] HARADA, TAKASHI, JP

[72] SHIGENARI, YU, JP

[72] MIYASHITA, MASAYORI, JP

[72] MURAKAMI, TSUTOMU, JP

[73] IHI CORPORATION, JP

[73] IHI AEROSPACE CO., LTD., JP

[85] 2012-04-30

[86] 2010-11-05 (PCT/JP2010/069682)

[87] (WO2011/055779)

[30] JP (2009-255309) 2009-11-06

[11] **2,779,475**

[13] C

[51] **Int.Cl. F01P 1/06 (2006.01) A01D 43/06 (2006.01) A01D 75/00 (2006.01) B60K 11/06 (2006.01) F01P 11/12 (2006.01)**

[25] EN

[54] **WINDROWER TRACTOR WITH PARALLEL HEAT EXCHANGERS FOR COOLING OF ENGINE AND ASSOCIATED FLUIDS**

[54] **TRACTEUR DE FAUCHEUSE-ANDAINEUSE AVEC ECHANGEURS DE CHALEUR PARALLELES POUR LE REFROIDISSEMENT DU MOTEUR ET DES FLUIDES CONNEXES**

[72] MACGREGOR, DON, CA

[72] GARBALD, JANN, CA

[73] MACDON INDUSTRIES LTD., CA

[86] (2779475)

[87] (2779475)

[22] 2012-05-29

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[11] **2,779,503**
[13] C

[51] **Int.Cl. B23P 15/40 (2006.01) B21H 7/10 (2006.01) B27L 11/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING REVERSIBLE KNIVES**
[54] **PROCEDE DE FABRICATION DE LAMES REVERSIBLES**
[72] MAISSER, HELMUT, AT
[72] PONEMAYR, HELMUT, AT
[73] BOEHLER YBBSTAL PROFIL GMBH, AT
[85] 2012-05-01
[86] 2010-10-13 (PCT/AT2010/000392)
[87] (WO2011/063435)
[30] AT (A 1892/2009) 2009-11-27

[11] **2,779,746**
[13] C

[51] **Int.Cl. G03G 5/00 (2006.01) B41C 1/18 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR MAKING PATTERNED PHOTORECEPTOR OUTER LAYER**
[54] **METHODES ET SYSTEMES POUR FABRIQUER LA COUCHE EXTERIEURE D'UN PHOTORECEPTEUR STRUCTURE**
[72] HU, NAN-XING, CA
[72] MCGUIRE, GREGORY, CA
[72] KLENKLER, RICHARD A., CA
[72] GAGNON, YVAN, CA
[72] LAVIGNE, GAETANO J., CA
[73] XEROX CORPORATION, US
[86] (2779746)
[87] (2779746)
[22] 2012-06-11
[30] US (13/162,371) 2011-06-16

[11] **2,779,835**
[13] C

[51] **Int.Cl. C10B 53/02 (2006.01)**
[25] EN
[54] **CONVERSION OF ORGANIC WASTES INTO A REDUCING AGENT - COKE SUBSTITUTE**
[54] **CONVERSION DE DECHETS ORGANIQUES EN AGENT REDUCTEUR SUSBTITUE DE COKE**
[72] SCOTT, JACK ALAN, US
[73] CONECSUS LLC, US
[86] (2779835)
[87] (2779835)
[22] 2012-06-14
[30] US (13/192,246) 2011-07-27

[11] **2,780,728**
[13] C

[51] **Int.Cl. A23B 7/152 (2006.01) A23B 7/154 (2006.01) B65D 81/20 (2006.01)**
[25] EN
[54] **METHOD OF HANDLING BANANAS**
[54] **PROCEDE DE MANIPULATION DE BANANES**
[72] MIR, NAZIR, US
[72] HOLCROFT, DIERDRE MARGARET, US
[72] JAMES, WILLIAM NIXON, JR., US
[72] URENA-PADILLA, ALVARO R., CR
[72] MENNING, BRUCE, US
[73] ROHM AND HAAS COMPANY, US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2012-05-10
[86] 2010-12-22 (PCT/US2010/061779)
[87] (WO2011/082059)
[30] US (61/284,899) 2009-12-28
[30] US (61/425,479) 2010-12-21

[11] **2,781,958**
[13] C

[51] **Int.Cl. B23K 35/363 (2006.01) B23K 35/26 (2006.01) C22C 13/00 (2006.01)**
[25] EN
[54] **FLUX FOR SOLDER PASTE AND SOLDER PASTE**
[54] **FLUX POUR PATE A BRASER ET PATE A BRASER**
[72] IWAMURA, EIJI, JP
[72] GOTOH, KAZUSHI, JP
[72] NAGASAKA, SHINSUKE, JP
[72] YOSHIOKA, TAKAYASU, JP
[72] UTSUNO, MASAYOSHI, JP
[72] NAKAMURA, ATSUO, JP
[72] OKOCHI, TERUO, JP
[72] SANJI, MASAKI, JP
[72] SUKEKAWA, TAKUJI, JP
[72] IKEDO, KENSHI, JP
[72] ANDOH, YOSHIYUKI, JP
[72] SHIRAI, TAKESHI, JP
[72] MORI, KIMIAKI, JP
[72] WADA, RIE, JP
[72] NAKANISHI, KENSUKE, JP
[72] AIHARA, MASAMI, JP
[72] KUMAMOTO, SEISHI, JP
[73] ARAKAWA CHEMICAL INDUSTRIES, LTD., JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] DENSO CORPORATION, JP
[73] FUJITSU TEN LIMITED, JP
[73] KOKI COMPANY LIMITED, JP
[73] HARIMA CHEMICALS, INC., JP
[85] 2012-05-25
[86] 2010-12-06 (PCT/JP2010/071808)
[87] (WO2011/071006)
[30] JP (2009-278210) 2009-12-08

[11] **2,782,425**
[13] C

[51] **Int.Cl. E06B 9/52 (2006.01)**
[25] EN
[54] **SCREEN FRAME GRASPING AND REMOVAL SYSTEM**
[54] **SYSTEME DE SAISIE ET DE RETRAIT DE GRILLE DE VISUALISATION**
[72] SMALL, JENNIFER, CA
[72] MACLEAN, ALFRED, CA
[73] SCREENCO MANUFACTURING LTD., CA
[86] (2782425)
[87] (2782425)
[22] 2012-06-29

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[11] **2,784,069**
[13] C

[51] **Int.Cl. B31B 1/88 (2006.01) B65D 5/50 (2006.01)**
[25] EN
[54] **PACKAGING**
[54] **EMBALLAGE**
[72] POITEVIN, PATRICK JULES
JOSEPH, GB
[73] CADBURY UK LIMITED, GB
[85] 2011-02-09
[86] 2009-09-10 (PCT/GB2009/002191)
[87] (WO2010/031996)
[30] GB (0816877.5) 2008-09-16

[11] **2,784,486**
[13] C

[51] **Int.Cl. A61B 19/00 (2006.01) A61B 17/00 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FIDUCIAL DEPLOYMENT**
[54] **SYSTEME ET PROCEDE DE DEPLOIEMENT DE REPERES**
[72] DUCHARME, RICHARD W., US
[72] SURTI, VIHAR C., US
[72] MCLAWHORN, TYLER E., US
[72] SKELTON, EUGENE E., IE
[72] BRUGGEMAN, MARTIN J., IE
[73] COOK MEDICAL TECHNOLOGIES LLC, US
[85] 2012-06-14
[86] 2010-12-09 (PCT/US2010/059641)
[87] (WO2011/075380)
[30] US (61/287,964) 2009-12-18
[30] US (12/764,432) 2010-04-21

[11] **2,784,590**
[13] C

[51] **Int.Cl. B30B 9/00 (2006.01) B26D 7/01 (2006.01) B30B 15/04 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR POSITIONING AND OPERATING UPON A CONSTRUCT**
[54] **APPAREIL ET PROCEDE DE POSITIONNEMENT ET D'ACTIONNEMENT SUR UN RECIPIENT**
[72] WNEK, PATRICK H., US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2012-06-14
[86] 2010-12-29 (PCT/US2010/062303)
[87] (WO2011/082205)
[30] US (61/335,040) 2009-12-30

[11] **2,785,008**
[13] C

[51] **Int.Cl. C08L 75/04 (2006.01) B29B 15/10 (2006.01) C08K 7/00 (2006.01) E01C 23/06 (2006.01) C08G 18/10 (2006.01)**
[25] EN
[54] **COMPOSITE MATERIALS COMPRISING AGGREGATE AND AN ELASTOMERIC COMPOSITION**
[54] **MATERIAUX COMPOSITES COMPRENANT UN AGREGAT ET UNE COMPOSITION ELASTOMERE**
[72] BOWER, DAVID K., US
[72] HICKS, STEVEN, US
[72] TERRY, MELISSA, US
[72] PEELER, CALVIN T., US
[73] BASF SE, DE
[85] 2012-06-19
[86] 2010-12-21 (PCT/US2010/061558)
[87] (WO2011/084793)
[30] US (61/288,637) 2009-12-21

[11] **2,786,572**
[13] C

[51] **Int.Cl. F22B 1/30 (2006.01) E21B 36/04 (2006.01) E21B 43/24 (2006.01) F22B 1/28 (2006.01)**
[25] EN
[54] **STEAM GENERATOR**
[54] **GENERATEUR DE VAPEUR**
[72] SCHULTZ, ROGER L., US
[72] PIPKIN, ROBERT L., US
[72] CAVENDER, TRAVIS W., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2012-07-05
[86] 2010-12-09 (PCT/US2010/059658)
[87] (WO2011/087643)
[30] US (12/687,655) 2010-01-14

[11] **2,787,023**
[13] C

[51] **Int.Cl. A46B 9/04 (2006.01) A46B 9/06 (2006.01) A46B 15/00 (2006.01)**
[25] EN
[54] **ORAL CARE IMPLEMENT WITH POLISHING UNIT**
[54] **ACCESSOIRE POUR SOINS BUCCAUX A UNITE DE POLISSAGE**
[72] JIMENEZ, EDUARDO, US
[72] MOSKOVICH, ROBERT, US
[72] KENNEDY, SHARON, US
[72] GATZEMEYER, JOHN, US
[72] ROONEY, MICHAEL, US
[72] STORZ, JOACHIM, AT
[72] KLAUSEGGER, RAIMUND, AT
[73] COLGATE-PALMOLIVE COMPANY, US
[85] 2012-07-10
[86] 2010-01-29 (PCT/US2010/022557)
[87] (WO2011/093874)

[11] **2,787,077**
[13] C

[51] **Int.Cl. H02H 3/02 (2006.01) G01R 31/327 (2006.01) H01H 33/59 (2006.01)**
[25] EN
[54] **CIRCUIT BREAKER PANEL**
[54] **TABLEAU DE DISJONCTEURS**
[72] FRANKS, JEFFREY L., US
[72] WILLIAMS, STEPHEN E., US
[72] COLE, RAY, US
[73] EDISON GLOBAL CIRCUITS, LLC, US
[85] 2012-07-13
[86] 2011-01-25 (PCT/US2011/022438)
[87] (WO2011/091429)
[30] US (61/298,104) 2010-01-25
[30] US (61/298,018) 2010-01-25

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[11] **2,787,825**
[13] C

[51] **Int.Cl. C11D 7/42 (2006.01) C11D 3/16 (2006.01) C11D 3/386 (2006.01) C11D 7/22 (2006.01) C12N 9/28 (2006.01)**

[25] EN

[54] **CLEANING COMPOSITION COMPRISING AMYLASE VARIANTS WITH HIGH STABILITY IN THE PRESENCE OF A CHELATING AGENT**

[54] **COMPOSITION NETTOYANTE COMPRENANT DES VARIANTS D'AMYLASE PRESENTANT UNE PRESENCE D'UN AGENT CHELATANT**

[72] MEEK, MICHELLE, GB
[72] SOUTER, PHILLIP FRANK, GB
[72] BEWICK, LINDSAY SUZANNE, GB
[72] SVENDSEN, ALLAN, DK
[72] JOHANSEN, ANNETTE HELLE, DK
[72] BJOERNVAD, MADSKESKELUND, DK
[72] RASMUSSEN, FRANK WINTHER, DK
[72] SKJOET, MICHAEL, DK
[72] LARSEN, ESKILDSEN SIGNE, DK
[72] OEBRO, JENS, DK
[72] KAASGAARD, SVEND, DK
[72] BEIER, LARS, DK
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2012-07-19
[86] 2011-02-10 (PCT/US2011/024321)
[87] (WO2011/100410)
[30] EP (10153223.2) 2010-02-10

[11] **2,788,186**
[13] C

[51] **Int.Cl. C04B 35/81 (2006.01) C04B 35/64 (2006.01) C09K 8/80 (2006.01) E21B 43/267 (2006.01)**

[25] EN

[54] **SELF-TOUGHENED HIGH-STRENGTH PROPPANT AND METHODS OF MAKING SAME**

[54] **AGENT DE SOUTENEMENT AUTO-DURCI A HAUTE RESISTANCE ET PROCEDES DE FABRICATION ASSOCIES**

[72] FANG, CHRISTOPHER Y., US
[72] XIE, YUMING, US
[72] CHATTERJEE, DILIP K., US
[72] COKER, CHRISTOPHER E., US
[73] OXANE MATERIALS, INC., US
[85] 2012-07-25
[86] 2011-01-20 (PCT/US2011/021785)
[87] (WO2011/094106)
[30] US (61/299,700) 2010-01-29
[30] US (61/308,144) 2010-02-25

[11] **2,788,860**
[13] C

[51] **Int.Cl. E01C 5/06 (2006.01) E01C 11/04 (2006.01)**

[25] EN

[54] **PAVER WITH INTERLOCKING SPACERS**

[54] **PAVE AVEC ESPACEURS D'INTERVERROUILLAGE**

[72] PENSHORN, HARVEY (NMI), US
[73] PENSHORN, HARVEY (NMI), US
[86] (2788860)
[87] (2788860)
[22] 2012-09-07
[30] US (13/470,958) 2012-05-14

[11] **2,788,926**
[13] C

[51] **Int.Cl. H04L 12/16 (2006.01) H04W 4/00 (2009.01) H04W 4/02 (2009.01)**

[25] EN

[54] **SYSTEM, APPARATUS AND METHOD FOR GENERATION OF CONTENT FOR DISTRIBUTED HETEROGENOUS COMPUTERS**

[54] **SYSTEME, APPAREIL ET PROCEDE POUR LA GENERATION DE CONTENUS DESTINES A DES ORDINATEURS HETEROGENES REPARTIS**

[72] CENTNER, OLIVIER, CA
[73] STREETMEET INC., CA
[85] 2012-08-03
[86] 2010-02-22 (PCT/CA2010/000238)
[87] (WO2011/100815)

[11] **2,788,947**
[13] C

[51] **Int.Cl. C08L 25/00 (2006.01) C01B 31/00 (2006.01) C08K 3/04 (2006.01) G03G 15/20 (2006.01) C08L 27/12 (2006.01) C08L 29/10 (2006.01)**

[25] EN

[54] **CORE-SHELL PARTICLES AND FUSER MEMBER MADE THEREFROM**

[54] **PARTICULES COUR-GAINE ET ELEMENT DE FIXAGE PAR FUSION PRODUIT A PARTIR DE CE DERNIER**

[72] GERVASI, DAVID J., US
[72] KELLY, MATTHEW M., US
[73] XEROX CORPORATION, US
[86] (2788947)
[87] (2788947)
[22] 2012-09-05
[30] US (13/230,345) 2011-09-12

[11] **2,789,161**
[13] C

[51] **Int.Cl. A61K 38/18 (2006.01) A61K 38/08 (2006.01) A61P 9/10 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITION TO PREVENT TISSUE DAMAGE DUE TO ARTERIAL BLOOD FLOW FAILURE**

[54] **COMBINAISON PHARMACEUTIQUE POUR LE TRAITEMENT DES DOMMAGES TISSULAIRES DUS AU DEFAUT D'IRRIGATION ARTERIELLE**

[72] BERLANGA ACOSTA, JORGE, CU
[72] GUILLEN NIETO, GERARDO ENRIQUE, CU
[72] GARCIA DEL BARCO HERRERA, DIANA, CU
[72] FERNANDEZ MASSO, JULIO RAUL, CU
[72] ESTRADA GARCIA, MARIO PABLO, CU
[72] GUILLEN PEREZ, ISABEL, CU
[72] SUAREZ ALBA, JOSE, CU
[72] MARTINEZ RODRIGUEZ, REBECA, CU
[73] CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA, CU
[86] (2789161)
[87] (2789161)
[22] 2001-12-17
[62] 2,398,983
[30] CU (2001/0005) 2001-01-03

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[11] **2,789,263**
[13] C

[51] **Int.Cl. C09K 8/467 (2006.01) C04B 24/32 (2006.01)**

[25] EN

[54] **EPOXY ACID BASED BIODEGRADABLE SET RETARDER FOR A CEMENT COMPOSITION**

[54] **RETARDATEUR DE PRISE BIODEGRADABLE A BASE D'ACIDE EPOXY POUR COMPOSITION DE CIMENT**

[72] TARAFDAR, ABHIJIT, IN

[72] SENAPATI, DIBYADARSHANI, IN

[72] SARAP, GIRISH DINKAR, IN

[72] PATIL, RAHUL CHANDRAKANT, IN

[73] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2012-08-08

[86] 2011-02-23 (PCT/GB2011/000247)

[87] (WO2011/104503)

[30] US (12/711,945) 2010-02-24

[11] **2,789,325**
[13] C

[51] **Int.Cl. F02C 7/36 (2006.01) F01D 25/24 (2006.01)**

[25] EN

[54] **GAS TURBINE ENGINE FRONT CENTER BODY ARCHITECTURE**

[54] **ARCHITECTURE DE CORPS CENTRAL AVANT DE MOTEUR A TURBINE A GAZ**

[72] OTTO, JOHN R., US

[72] CIGAL, BRIAN P., US

[72] SHARMA, SUNIL, US

[72] DAVIS, TODD A., US

[73] UNITED TECHNOLOGIES CORPORATION, US

[86] (2789325)

[87] (2789325)

[22] 2012-09-07

[30] US (13/282,919) 2011-10-27

[30] US (13/407,916) 2012-02-29

[11] **2,789,363**
[13] C

[51] **Int.Cl. B29C 70/06 (2006.01) B29C 43/10 (2006.01) B64C 3/18 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING STRUCTURAL MEMBER AND STRUCTURAL MEMBER**

[54] **PROCEDE DE PRODUCTION DE MATERIAU STRUCTURAL, ET MATERIAU STRUCTURAL**

[72] MOTOHASHI, HIDETO, JP

[72] HOSOKAWA, YOSHIFUMI, JP

[73] MITSUBISHI AIRCRAFT CORPORATION, JP

[85] 2012-08-08

[86] 2011-02-09 (PCT/JP2011/000708)

[87] (WO2011/099271)

[30] JP (2010-027673) 2010-02-10

[11] **2,789,678**
[13] C

[51] **Int.Cl. B03B 9/02 (2006.01) B01D 21/01 (2006.01) B01D 21/28 (2006.01) B01D 43/00 (2006.01) B03D 1/10 (2006.01) B03D 3/06 (2006.01) C10G 1/04 (2006.01)**

[25] EN

[54] **OIL SANDS FINE TAILINGS FLOCCULATION USING DYNAMIC MIXING**

[54] **FLOCCULATION DE RESIDUS FINS DES SABLES BITUMINEUX AU MOYEN D'UN MELANGE DYNAMIQUE**

[72] BARA, BARRY, CA

[72] YUAN, SIMON, CA

[72] SIMAN, RON, CA

[72] GOMEZ, CLARA, CA

[73] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT, CA

[86] (2789678)

[87] (2789678)

[22] 2012-09-14

[30] US (61/535,862) 2011-09-16

[11] **2,790,184**
[13] C

[51] **Int.Cl. G01L 5/24 (2006.01) F15B 20/00 (2006.01) F16K 37/00 (2006.01)**

[25] EN

[54] **TORQUE INDICATOR**

[54] **INDICATEUR DE COUPLE**

[72] DOLENTI, WILLIAM T., US

[72] MORRIS, DANIEL J., US

[72] HOOSS, WILLIAM C., US

[72] FLEURY, BYRON A., US

[73] FLOWSERVE MANAGEMENT COMPANY, US

[86] (2790184)

[87] (2790184)

[22] 2006-05-04

[62] 2,651,163

[11] **2,790,408**
[13] C

[51] **Int.Cl. C07D 471/04 (2006.01) C07K 16/44 (2006.01) G01N 33/53 (2006.01) G01N 33/543 (2006.01) G01N 33/577 (2006.01) A61K 31/519 (2006.01) A61P 25/18 (2006.01)**

[25] EN

[54] **RISPERIDONE IMMUNOASSAY**

[54] **IMMUNOESSAI DE LA RISPERIDONE**

[72] SALAMONE, SALVATORE J., US

[72] COURTNEY, JODI BLAKE, US

[72] CLINE, DANIEL J., US

[72] SARD, HOWARD, US

[72] HEDGE, VISHNUMURTHY, US

[73] SALADAX BIOMEDICAL INC., US

[85] 2012-08-17

[86] 2011-02-23 (PCT/US2011/025893)

[87] (WO2011/115733)

[30] US (12/724,780) 2010-03-16

[11] **2,791,710**
[13] C

[51] **Int.Cl. E21B 47/02 (2006.01) E21B 7/06 (2006.01)**

[25] EN

[54] **COMPLETION STRING DEPLOYMENT IN A SUBTERRANEAN WELL**

[54] **DEPLOIEMENT D'UN TRAIN DE TIGES DE COMPLETION DANS UN TROU DE FORAGE SOUTERRAIN**

[72] MAIDLA, ERIC E., US

[72] HACI, MARC, US

[73] SMITH INTERNATIONAL, INC., US

[85] 2012-08-30

[86] 2011-03-03 (PCT/US2011/026969)

[87] (WO2011/109585)

[30] US (12/718,423) 2010-03-05

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[11] **2,792,592**
[13] C

[51] **Int.Cl. E21D 20/00 (2006.01) E21D 21/00 (2006.01)**
[25] EN
[54] **ROCK BOLTING SYSTEM, METHOD OF INSTALLING ROCK BOLTS, AND FLEXIBLE BOLT CENTRALIZER**
[54] **SYSTEME DE BOULONS D'ANCRAGE, METHODE D'INSTALLATION DE BOULONS DE ROCHE ET CENTREUR DE BOULON FLEXIBLE**
[72] NELSON, YVES, CA
[73] 1311854 ONTARIO LIMITED, CA
[86] (2792592)
[87] (2792592)
[22] 2012-10-22

[11] **2,792,795**
[13] C

[51] **Int.Cl. C09J 133/02 (2006.01)**
[25] EN
[54] **LIQUID GLUE FORMULATED WITH ACRYLIC EMULSIONS**
[54] **COLLE LIQUIDE COMPORTANT DES EMULSIONS ACRYLIQUES**
[72] PATEL, YOGESHBHAI B., US
[72] FOSTER VAN R., US
[73] ELMER'S PRODUCTS INC., US
[86] (2792795)
[87] (2792795)
[22] 2012-10-19
[30] US (61/550,022) 2011-10-21
[30] US (13/653,764) 2012-10-17

[11] **2,793,966**
[13] C

[51] **Int.Cl. F02C 7/28 (2006.01) F01D 11/02 (2006.01)**
[25] EN
[54] **SEAL MECHANISM FOR USE WITH TURBINE ROTOR**
[54] **STRUCTURE DE GARNITURE POUR ROTOR DE TURBINE**
[72] MUTOU, YOSHIHIKO, JP
[72] TANAKA, RYOZO, JP
[73] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
[85] 2012-09-20
[86] 2011-03-16 (PCT/JP2011/056216)
[87] (WO2011/118474)
[30] JP (2010-067295) 2010-03-24

[11] **2,794,032**
[13] C

[51] **Int.Cl. H04L 29/08 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ESTABLISHING AND UTILIZING BACKUP COMMUNICATION CHANNELS**
[54] **APPAREIL ET PROCEDE POUR ETABLIR ET UTILISER DES CANAUX DE COMMUNICATIONS DE SAUVEGARDE**
[72] TUNG, BERKAT S., US
[72] WHITEBOOK, BARRY A., US
[72] ABUAN, JOE S., US
[72] JEONG, HYEONKUK, US
[72] YANG, YAN, US
[72] GARCIA, ROBERTO, US
[73] APPLE INC., US
[85] 2012-09-21
[86] 2010-09-23 (PCT/US2010/050072)
[87] (WO2011/126509)
[30] US (61/321,841) 2010-04-07
[30] US (12/832,013) 2010-07-07

[11] **2,794,228**
[13] C

[51] **Int.Cl. B64C 11/06 (2006.01) B64C 11/48 (2006.01) B64C 27/28 (2006.01) B64C 27/37 (2006.01) B64C 27/50 (2006.01)**
[25] EN
[54] **MULTIPLE-YOKE MAIN ROTOR ASSEMBLY**
[54] **ASSEMBLAGE DE ROTOR PRINCIPAL A MULTIPLE FOURCHE**
[72] RAUBER, RICHARD E., US
[72] STAMPS, FRANK B., US
[72] POPELKA, DAVID A., US
[72] TISDALE, PATRICK R., US
[72] WOOD, TOMMIE L., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2794228)
[87] (2794228)
[22] 2012-11-02
[30] US (13/324,363) 2011-12-13

[11] **2,794,536**
[13] C

[51] **Int.Cl. C08J 3/02 (2006.01) C08J 3/16 (2006.01) C08K 5/42 (2006.01) C08L 33/06 (2006.01) G03G 9/113 (2006.01)**
[25] EN
[54] **POWDER COATED CARRIER**
[54] **PORTEUR RECOUVERT DE POUDRE**
[72] VANBESIEEN, DARYL W., CA
[72] HAWKINS, MICHAEL S., CA
[72] TRACY, COREY L., CA
[72] VEREGIN, RICHARD P. N., CA
[72] MOFFAT, KAREN A., CA
[72] GERROIR, PAUL J., CA
[72] ENRIGHT, THOMAS E., CA
[72] FARRUGIA, VALERIE M., CA
[73] XEROX CORPORATION, US
[86] (2794536)
[87] (2794536)
[22] 2012-11-05
[30] US (13/295,067) 2011-11-12

[11] **2,795,329**
[13] C

[51] **Int.Cl. B81B 3/00 (2006.01) B81B 7/02 (2006.01) G02B 26/00 (2006.01) G02B 26/04 (2006.01) G02B 26/08 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR ACTUATING DISPLAYS**
[54] **PROCEDES ET APPAREILS PERMETTANT D'ACTIONNER DES AFFICHAGES**
[72] HAGOOD, NESBITT W., US
[72] STEYN, JASPER LODEWYK, US
[73] PIXTRONIX, INC., US
[86] (2795329)
[87] (2795329)
[22] 2006-02-23
[62] 2,598,740
[30] US (60/655,827) 2005-02-23
[30] US (60/676,053) 2005-04-29
[30] US (11/218,690) 2005-09-02
[30] US (11/251,035) 2005-10-14
[30] US (11/251,452) 2005-10-14
[30] US (11/251,034) 2005-10-14

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[11] **2,796,164**

[13] C

- [51] **Int.Cl. A01K 5/00 (2006.01)**
[25] EN
[54] **ANIMAL FEEDER WITH
ADJUSTMENT OF A FEED
DISCHARGE OPENING**
[54] **DISTRIBUTEUR D'ALIMENTS
POUR ANIMAUX A OUVERTURE
D'EVACUATION DES ALIMENTS
REGLABLE**
[72] KLEINSASSER, JONATHAN, CA
[73] CRYSTAL SPRING COLONY
FARMS LTD., CA
[86] (2796164)
[87] (2796164)
[22] 2012-11-13

[11] **2,796,516**

[13] C

- [51] **Int.Cl. A61J 1/14 (2006.01) A61J 1/10
(2006.01) A61M 5/14 (2006.01)**
[25] EN
[54] **INFUSION BAG WITH
INTEGRATED RINSING SYSTEM**
[54] **SAC D'INFUSION DOTE D'UN
SYSTEME DE RINCAGE INTEGRE**
[72] FREZZA, PIERRE, FR
[73] LABORATOIRE AGUETTANT, FR
[86] (2796516)
[87] (2796516)
[22] 2005-06-02
[62] 2,568,138
[30] FR (04/05919) 2004-06-02

[11] **2,796,724**

[13] C

- [51] **Int.Cl. B07B 1/46 (2006.01) B29D
28/00 (2006.01)**
[25] EN
[54] **POLYURETHANE VIBRATORY
SCREEN**
[54] **TAMIS VIBRANT EN
POLYURETHANE**
[72] LIPA, ANTHONY J., US
[72] COLGROVE, JAMES R., US
[73] DERRICK CORPORATION, US
[85] 2012-10-17
[86] 2011-02-07 (PCT/US2011/023923)
[87] (WO2011/133238)
[30] US (12/763,046) 2010-04-19

[11] **2,797,180**

[13] C

- [51] **Int.Cl. B29C 33/02 (2006.01) B29C
45/73 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING
A MOLD WITH CONFORMAL
COOLING PASSAGES**
[54] **PROCEDE DE FABRICATION
D'UN MOULE COMPORTANT DES
PASSAGES DE
REFROIDISSEMENT
CONFORMES**
[72] HUGHES, ALAN, US
[73] HONDA MOTOR CO., LTD., JP
[85] 2012-10-19
[86] 2011-04-20 (PCT/US2011/033294)
[87] (WO2011/133697)
[30] US (12/763,451) 2010-04-20

[11] **2,797,241**

[13] C

- [51] **Int.Cl. B65D 5/00 (2006.01) B65D 5/66
(2006.01)**
[25] EN
[54] **HAMMER-LOCK CONTAINER**
[54] **RECEPTACLE DEMONTABLE**
[72] MCCLURE, JACK A., US
[73] INTERNATIONAL PAPER
COMPANY, US
[85] 2012-10-23
[86] 2011-04-21 (PCT/US2011/033398)
[87] (WO2011/137023)
[30] US (61/328,446) 2010-04-27

[11] **2,797,984**

[13] C

- [51] **Int.Cl. F01D 25/24 (2006.01) F01D
9/02 (2006.01) F16B 19/02 (2006.01)
F16B 21/00 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE PART
RETENTION**
[54] **DISPOSITIF DE RETENUE DE
PIECE DE MOTEUR DE TURBINE
A GAZ**
[72] CHUONG, CONWAY, US
[72] WERNER, KURT P., US
[72] DUELM, SHELTON O., US
[73] UNITED TECHNOLOGIES
CORPORATION, US
[86] (2797984)
[87] (2797984)
[22] 2012-12-05
[30] US (13/324,110) 2011-12-13

[11] **2,798,191**

[13] C

- [51] **Int.Cl. B65B 1/04 (2006.01) A47F 1/00
(2006.01) A47F 10/02 (2006.01)**
[25] EN
[54] **PRODUCT DISPENSING DEVICE**
[54] **DISPOSITIF DE DISTRIBUTION
DE PRODUIT**
[72] KOENIGSKNECHT, TONY L., US
[72] MAISONVILLE, KEN E., US
[72] GRAY, PAUL J., US
[72] KOHN, ALBERT J., US
[72] ALBRIGHT, SCOTT A., US
[73] FREEOSK, INC., US
[85] 2012-11-01
[86] 2011-05-04 (PCT/US2011/035166)
[87] (WO2011/140204)
[30] US (61/331,183) 2010-05-04

[11] **2,798,290**

[13] C

- [51] **Int.Cl. G03G 9/09 (2006.01) G03G
9/093 (2006.01)**
[25] EN
[54] **COLORED TONERS**
[54] **ENCRESES SECHES COLOREES**
[72] KMIETEK-LAWRYNOWICZ,
GRAZYNA E., US
[72] SWEENEY, MAURA A., US
[72] MANG, MARK E., US
[72] STAMP, KIRK L., US
[72] BAYLEY, ROBERT D., US
[73] XEROX CORPORATION, US
[86] (2798290)
[87] (2798290)
[22] 2012-12-07
[30] US (13/327,497) 2011-12-15

[11] **2,798,457**

[13] C

- [51] **Int.Cl. D03D 15/00 (2006.01) D06B
9/04 (2006.01) D06M 13/432 (2006.01)**
[25] EN
[54] **FLAME RESISTANT TEXTILE
MATERIALS**
[54] **MATERIAUX TEXTILES
IGNIFUGES**
[72] LI, SHULONG, US
[72] GREER, J. TRAVIS, US
[72] CLIVER, JAMES D., US
[72] SPOON, JACK W., US
[73] MILLIKEN & COMPANY, US
[85] 2012-11-05
[86] 2011-05-09 (PCT/US2011/035669)
[87] (WO2011/143076)
[30] US (12/777,209) 2010-05-10

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[11] **2,798,832**
[13] C

[51] **Int.Cl. G03G 9/08 (2006.01) B01F 11/02 (2006.01) B41J 27/16 (2006.01) G03G 9/10 (2006.01)**

[25] EN

[54] **MIXER APPARATUS AND METHOD OF MAKING DEVELOPER**

[54] **MELANGUEUR ET PROCEDE DE FABRICATION DE REVELATEUR**

[72] KAMEL, MAJID, CA
[72] YANG, SUXIA, CA
[72] VEREGIN, RICHARD P. N., CA
[72] HAWKINS, MICHAEL S., CA
[72] VONG, CUONG, CA
[72] FAUCHER, SANTIAGO, CA
[73] XEROX CORPORATION, US
[86] (2798832)
[87] (2798832)
[22] 2012-12-14
[30] US (13/333,426) 2011-12-21

[11] **2,799,112**
[13] C

[51] **Int.Cl. C09K 8/68 (2006.01) E21B 43/22 (2006.01) E21B 43/26 (2006.01)**

[25] EN

[54] **MULTIFUNCTIONAL BORONIC ACID CROSSLINKING AGENTS AND ASSOCIATED METHODS**

[54] **AGENTS DE RETICULATION D'ACIDE BORONIQUE MULTIFONCTIONNELS ET METHODES CONNEXES**

[72] OGLE, JAMES W., US
[72] HOLTSCRAW, JEREMY, US
[72] SAINI, RAJESH K., US
[73] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2012-11-30
[86] 2012-08-10 (PCT/US2012/050231)
[87] (WO2013/039620)
[30] US (13/229,941) 2011-09-12

[11] **2,800,283**
[13] C

[51] **Int.Cl. C12N 15/55 (2006.01) C12N 1/21 (2006.01) C12N 9/18 (2006.01) C12N 15/63 (2006.01) C12P 7/62 (2006.01)**

[25] EN

[54] **A NOVEL 40 KDA LIPASE FROM TETRASPHERA**

[54] **NOUVELLE LIPASE DE 40 KDA DU GENRE TETRASPHERA**

[72] NAKAO, MASAHIRO, JP
[72] KANAMORI, MASAKI, JP
[72] FUKAMI, HARUKAZU, JP
[72] KASAI, HIROAKI, JP
[72] OCHIAi, MISA, JP
[73] SUNTORY HOLDINGS LIMITED, JP
[86] (2800283)
[87] (2800283)
[22] 2006-12-08
[62] 2,633,847
[30] JP (2005-356936) 2005-12-09

[11] **2,800,464**
[13] C

[51] **Int.Cl. F02C 9/18 (2006.01) F01D 25/28 (2006.01) F02C 7/36 (2006.01) F02K 1/06 (2006.01) F02K 1/15 (2006.01)**

[25] EN

[54] **GAS TURBINE ENGINE WITH LOW STAGE COUNT LOW PRESSURE TURBINE**

[54] **TURBINE A GAZ AVEC TURBINE A FAIBLE NOMBRE D'ETAGES ET FAIBLE PRESSION**

[72] SUCIU, GABRIEL L., US
[72] MERRY, BRIAN D., US
[72] DYE, CHRISTOPHER M., US
[72] JOHNSON, STEVEN B., US
[72] SCHWARZ, FREDERICK M., US
[73] UNITED TECHNOLOGIES CORPORATION, US

[86] (2800464)
[87] (2800464)
[22] 2012-12-21
[30] US (13/340,988) 2011-12-30

[11] **2,801,213**
[13] C

[51] **Int.Cl. A23G 4/06 (2006.01) A23G 4/10 (2006.01)**

[25] EN

[54] **ENHANCED RELEASE OF LIPOPHILIC INGREDIENTS FROM CHEWING GUM WITH HYDROCOLLOIDS**

[54] **LIBERATION AMELIOREE D'INGREDIENTS LIPOPHILES CONTENUS DANS UN CHEWING-GUM COMPRENANT DES HYDROCOLLOIDES**

[72] GUAN, JUNJIE, US
[72] MICHAELIDOU, TASOULA A., US
[72] CAMPOMANES MARIN, JUAN PABLO, MX
[72] SHETTY, ADITI, US
[72] HOANG, TINYEE, US
[73] CADBURY ADAMS MEXICO, S. DE R.L. DE C.V., MX
[73] INTERCONTINENTAL GREAT BRANDS LLC, US

[85] 2012-11-29
[86] 2011-06-21 (PCT/US2011/041135)
[87] (WO2011/163152)
[30] US (61/358,445) 2010-06-25

[11] **2,801,814**
[13] C

[51] **Int.Cl. C07D 403/14 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01)**

[25] EN

[54] **QUINAZOLINE COMPOUNDS**

[54] **COMPOSES A BASE DE QUINAZOLINE**

[72] ZHANG, WEIHAN, CN
[72] SU, WEI-GUO, CN
[72] YANG, HAIBIN, CN
[72] CUI, YUMIN, CN
[72] REN, YONGXIN, CN
[72] YAN, XIAOQIANG, CN
[73] HUTCHISON MEDIPHARMA LIMITED, CN

[85] 2012-12-05
[86] 2011-05-25 (PCT/CN2011/074637)
[87] (WO2012/000356)
[30] CN (PCT/CN2010/074792) 2010-06-30

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[11] **2,802,109**
[13] C

[51] **Int.Cl. C08L 23/08 (2006.01) C08L 23/14 (2006.01) C10M 143/04 (2006.01)**

[25] EN

[54] **VISCOSITY MODIFIERS COMPRISING BLENDS OF ETHYLENE-BASED COPOLYMERS**

[54] **ADJUVANTS DE VISCOSITE COMPRENANT DES MELANGES DE COPOLYMERES A BASE D'ETHYLENE**

[72] DATTA, SUDHIN, US
[72] FARNG, LIEHPAO O., US
[72] MINAK-BERNERO, VERA, US
[72] SIROTA, ERIC B., US
[72] SMIRNOVA, DIANA, US
[72] KOLB, RAINER, US
[73] EXXONMOBIL CHEMICAL PATENTS INC., US

[85] 2012-12-07
[86] 2011-07-07 (PCT/US2011/043190)
[87] (WO2012/015573)
[30] US (61/368,473) 2010-07-28
[30] US (13/006,042) 2011-01-13
[30] US (13/006,057) 2011-01-13
[30] EP (11156622.0) 2011-03-02

[11] **2,802,412**
[13] C

[51] **Int.Cl. H01M 8/02 (2006.01) H01M 8/24 (2006.01) H01M 8/10 (2006.01)**

[25] EN

[54] **FUEL CELL WITH IMPROVED CONTACT SURFACE PRESSURE**

[54] **PILE A COMBUSTIBLE AVEC PRESSION DE SURFACE DE CONTACT AMELIOREE**

[72] IKEZOE, KEIGO, JP
[72] ABE, MITSUTAKA, JP
[72] OKU, TAKANORI, JP
[72] NUMAO, YASUHIRO, JP
[73] NISSAN MOTOR CO., LTD., JP

[85] 2012-12-11
[86] 2011-04-19 (PCT/JP2011/059613)
[87] (WO2011/158551)
[30] JP (2010-136228) 2010-06-15

[11] **2,802,790**
[13] C

[51] **Int.Cl. G01S 13/90 (2006.01) G01S 17/89 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR DETERMINING A DOPPLER CENTROID IN A SYNTHETIC APERTURE IMAGING SYSTEM**

[54] **PROCEDE ET APPAREIL DE DETERMINATION D'UN CENTROIDE DOPPLER DANS UN SYSTEME D'IMAGERIE A OUVERTURE SYNTHETIQUE**

[72] BERGERON, ALAIN, CA
[72] MARCHESE, LINDA, CA
[73] INSTITUT NATIONAL D'OPTIQUE, CA

[85] 2012-12-14
[86] 2010-06-28 (PCT/CA2010/001010)
[87] (WO2012/000076)

[11] **2,802,795**
[13] C

[51] **Int.Cl. G01V 3/26 (2006.01) E21B 47/00 (2012.01) G01V 3/34 (2006.01)**

[25] EN

[54] **IMPROVED DETERMINATION OF CONDUCTIVE FORMATION ORIENTATION BY MAKING WELLBORE SONDE ERROR CORRECTION**

[54] **DETERMINATION AMELIOREE DE L'ORIENTATION DE LA FORMATION CONDUCTRICE EN PROCEDANT A LA CORRECTION D'ERREURS DE LA SONDE DE Puits**

[72] HOMAN, DEAN, US
[72] WICHERS, WICH, NL
[72] WANG, HANMING, US
[72] LEVERIDGE, ROBERT, GB
[73] SCHLUMBERGER CANADA LIMITED, CA

[85] 2012-12-14
[86] 2011-06-06 (PCT/US2011/039256)
[87] (WO2011/159508)
[30] US (12/817,060) 2010-06-16

[11] **2,802,959**
[13] C

[51] **Int.Cl. C09K 8/42 (2006.01) C04B 14/16 (2006.01) C04B 18/16 (2006.01) C04B 28/04 (2006.01) C04B 28/22 (2006.01) C09K 8/467 (2006.01)**

[25] EN

[54] **METHODS OF PLUGGING AND ABANDONING A WELL USING COMPOSITIONS COMPRISING CEMENT KILN DUST AND PUMICITE**

[54] **PROCEDES DE BOUCHAGE ET D'ABANDON D'UN Puits EN UTILISANT DES COMPOSITIONS COMPRENANT DES POUSSIERES DE FOUR A CIMENT ET DE LA PUMICITE**

[72] BRENNEIS, D. CHAD, US
[72] RODDY, CRAIG WAYNE, US
[72] KARCHER, JEFFREY D., US
[72] HUDGINS, CALLIE R., US
[73] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2012-12-14
[86] 2011-06-21 (PCT/GB2011/000933)
[87] (WO2011/161405)
[30] US (12/821,412) 2010-06-23

[11] **2,803,191**
[13] C

[51] **Int.Cl. B42D 15/00 (2006.01) G07D 7/00 (2006.01)**

[25] EN

[54] **OPTICALLY VARIABLE SECURITY ELEMENT WITH TILT IMAGE**

[54] **ELEMENT DE SECURITE OPTIQUEMENT VARIABLE A KINEGRAMME**

[72] FUHSE, CHRISTIAN, DE
[72] HEIM, MANFRED, DE
[72] RAHM, MICHAEL, DE
[72] ENDRES, GUENTER, DE
[73] GIESECKE & DEVRIENT GMBH, DE

[85] 2012-12-19
[86] 2011-07-18 (PCT/EP2011/003587)
[87] (WO2012/010286)
[30] DE (10 2010 031 713.6) 2010-07-21

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[11] **2,803,434**
[13] C

[51] **Int.Cl. B32B 3/12 (2006.01) B64C 1/00 (2006.01) B64C 3/20 (2006.01) B64C 11/20 (2006.01) B64C 11/26 (2006.01) B64C 27/473 (2006.01)**

[25] EN

[54] **OPTIMIZED CORE FOR A STRUCTURAL ASSEMBLY**

[54] **NOYAU OPTIMISE POUR UN ENSEMBLE STRUCTURAL**

[72] LEE, WEI-YUEH, US

[72] OLDROYD, PAUL, US

[73] BELL HELICOPTER TEXTRON INC., US

[86] (2803434)

[87] (2803434)

[22] 2013-01-24

[30] US (13/363,794) 2012-02-01

[11] **2,803,669**
[13] C

[51] **Int.Cl. C04B 14/16 (2006.01) C04B 14/18 (2006.01) C04B 24/26 (2006.01) C04B 24/28 (2006.01) C04B 28/02 (2006.01) C09K 8/48 (2006.01)**

[25] EN

[54] **WEIGHTED ELASTOMERS, CEMENT COMPOSITIONS COMPRISING WEIGHTED ELASTOMERS, AND METHODS OF USE**

[54] **ELASTOMERES PONDERES, COMPOSITIONS DE CIMENT LES CONTENANT, ET LEURS PROCEDES D'UTILISATION**

[72] RODDY, CRAIG WAYNE, US

[72] KARCHER, JEFFERY D., US

[72] MORGAN, RICKEY L., US

[72] BRENNEIS, DARRELL CHAD, US

[73] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2012-12-21

[86] 2011-06-22 (PCT/GB2011/000941)

[87] (WO2011/161411)

[30] US (12/821,514) 2010-06-23

[11] **2,804,236**
[13] C

[51] **Int.Cl. E04F 13/22 (2006.01) E04B 1/38 (2006.01) E04B 1/41 (2006.01)**

[25] EN

[54] **BRICK TIE ANCHOR**

[54] **ANCRE D'AGRAFE A BRIQUE**

[72] RICE, JOHN, CA

[73] BAILEY METAL PRODUCTS LIMITED, CA

[86] (2804236)

[87] (2804236)

[22] 2013-01-28

[11] **2,804,875**
[13] C

[51] **Int.Cl. B65D 19/10 (2006.01) B65D 21/032 (2006.01)**

[25] EN

[54] **STACKABLE PALLET CONTAINER**

[54] **CONTENEUR PALETTISE EMPILLABLE**

[72] BUTRUILLE, THIBAUT, FR

[72] WILLIG, HUBERT, FR

[73] SOTRALENTZ PACKAGING S.A.S., FR

[86] (2804875)

[87] (2804875)

[22] 2013-01-31

[30] DE (10 2012 100 801.9) 2012-01-31

[11] **2,805,549**
[13] C

[51] **Int.Cl. B29C 45/76 (2006.01)**

[25] EN

[54] **MOLDED ARTICLE TRANSFER DEVICE**

[54] **DISPOSITIF DE TRANSFERT D'ARTICLE MOULE**

[72] GLAESENER, PIERRE, LU

[72] HALTER, CHRISTOPHE, BE

[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA

[86] (2805549)

[87] (2805549)

[22] 2010-11-03

[62] 2,752,669

[30] US (61/285,305) 2009-12-10

[11] **2,805,863**
[13] C

[51] **Int.Cl. B65C 3/08 (2006.01) B65C 9/18 (2006.01) B65C 9/36 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR APPLYING A LABEL TO A NON-RULED SURFACE**

[54] **APPAREIL ET PROCEDE POUR APPLIQUER UNE ETIQUETTE SUR UNE SURFACE NON REGLEE**

[72] BROAD, GAVIN J., US

[73] THE PROCTER & GAMBLE COMPANY, US

[85] 2013-01-16

[86] 2011-08-04 (PCT/US2011/046523)

[87] (WO2012/018966)

[30] US (12/851,569) 2010-08-06

[11] **2,805,894**
[13] C

[51] **Int.Cl. F16F 9/508 (2006.01) B64C 11/04 (2006.01) B64C 27/51 (2006.01) F16F 9/18 (2006.01) F16F 9/28 (2006.01) F16F 9/34 (2006.01)**

[25] EN

[54] **DUAL FREQUENCY DAMPER FOR AN AIRCRAFT**

[54] **AMORTISSEUR A DEUX FREQUENCES POUR AERONEF**

[72] BOSWORTH, JEFFREY, US

[72] YUCE, MITHAT, US

[72] STAMPS, FRANK B., US

[72] SMITH, MICHAEL R., US

[73] BELL HELICOPTER TEXTRON INC., US

[86] (2805894)

[87] (2805894)

[22] 2013-02-12

[30] US (13/421,991) 2012-03-16

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[11] **2,806,184**
[13] C

[51] **Int.Cl. E21B 17/00 (2006.01) E21B 17/02 (2006.01) E21B 19/00 (2006.01) F16L 55/00 (2006.01)**

[25] EN

[54] **INSTALLATION OF TUBULAR STRINGS WITH LINES SECURED THERETO IN SUBTERRANEAN WELLS**

[54] **INSTALLATION DE TRAINS DE TIGES TUBULAIRES POURVUS DE CONDUITES QUI Y SONT FIXEES DANS DES Puits SOUTERRAINS**

[72] KUO, NICHOLAS A., US

[73] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2013-01-21

[86] 2011-07-20 (PCT/US2011/044659)

[87] (WO2012/015641)

[30] US (12/846,482) 2010-07-29

[11] **2,806,563**
[13] C

[51] **Int.Cl. B01F 5/00 (2006.01) B67D 7/74 (2010.01) A47J 31/46 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR A SANITIZABLE MIXING NOZZLE**

[54] **PROCEDE ET APPAREIL POUR UNE BUSE DE MELANGE NETTOYABLE**

[72] ROMANYSZYN, MICHAEL T., US

[72] GIRJIS, BASIL, US

[72] SMELLER, DONALD W., US

[73] LANCER CORPORATION, US

[85] 2013-01-24

[86] 2011-08-15 (PCT/US2011/001428)

[87] (WO2012/023969)

[30] US (12/806,545) 2010-08-16

[11] **2,806,581**
[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) A23J 3/14 (2006.01) A23L 1/0522 (2006.01) C11B 1/00 (2006.01)**

[25] EN

[54] **VARIETY CORN LINE AA2205**

[54] **LIGNEE DE MAIS AA205**

[72] GOODWIN, WILLIAM H., US

[73] SYNGENTA PARTICIPATIONS AG, CH

[86] (2806581)

[87] (2806581)

[22] 2013-02-25

[30] US (13/405,544) 2012-02-27

[11] **2,806,605**
[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) A23J 3/14 (2006.01) A23L 1/0522 (2006.01) C11B 1/00 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **VARIETY CORN LINE FF5130**

[54] **LIGNEE DE MAIS FF5130**

[72] TRAGESSER, SCOTT, US

[73] SYNGENTA PARTICIPATIONS AG, CH

[86] (2806605)

[87] (2806605)

[22] 2013-02-25

[30] US (13/405,462) 2012-02-27

[11] **2,807,005**
[13] C

[51] **Int.Cl. C07D 413/12 (2006.01) A01N 43/80 (2006.01) C07D 413/14 (2006.01)**

[25] EN

[54] **ISOXAZOLINE DERIVATIVES AS ANTIPARASITIC AGENTS**

[54] **DERIVES D'ISOXAZOLINE EN TANT QU'AGENTS ANTIPARASITAIRES**

[72] CHUBB, NATHAN A. L., US

[72] CURTIS, MICHAEL PAUL, US

[72] HOWSON, WILLIAM, US

[72] KYNE, GRAHAM M., US

[72] MENON, SANJAY RAJAGOPAL, US

[72] SHEEHAN, SUSAN MARY KULT, US

[72] SKALITZKY, DONALD JAMES, US

[72] VAILLANCOURT, VALERIE ANN, US

[72] WENDT, JOHN A., US

[73] ZOETIS LLC, US

[85] 2013-01-29

[86] 2011-07-27 (PCT/IB2011/053355)

[87] (WO2012/017359)

[30] US (61/371,014) 2010-08-05

[30] US (61/445,221) 2011-02-22

[30] US (61/451,888) 2011-03-11

[30] US (61/486,831) 2011-05-17

[30] US (61/490,811) 2011-05-27

[11] **2,808,360**
[13] C

[51] **Int.Cl. B22D 41/32 (2006.01) C04B 35/101 (2006.01)**

[25] EN

[54] **SLIDING NOZZLE PLATE**

[54] **PLAQUE A BUSE COULISSANTE**

[72] FURUKAWA, KENTO, JP

[72] NAKAMOTO, YUJI, JP

[72] KIKUKAWA, SHOJI, JP

[72] OOMARU, ZENTA, JP

[73] KROSAKIHARIMA CORPORATION, JP

[85] 2013-02-14

[86] 2011-10-27 (PCT/JP2011/074786)

[87] (WO2012/073620)

[30] JP (2010-270405) 2010-12-03

[30] JP (2011-020744) 2011-02-02

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[11] **2,809,059**
[13] C

[51] **Int.Cl. A61M 3/02 (2006.01) A61M 1/00 (2006.01) A61M 39/08 (2006.01) A61M 39/22 (2006.01)**

[25] EN

[54] **HAND HELD IRRIGATION AND SUCTION TOOL**

[54] **OUTIL PORTATIF D'IRRIGATION ET D'ASPIRATION**

[72] MONTY, CHARLES J., US

[72] CAPRARO, PHILIPPE A., US

[72] DOIG, THOMAS S., US

[73] CAMODO, LLC, US

[85] 2013-02-20

[86] 2011-08-25 (PCT/US2011/049248)

[87] (WO2012/027624)

[30] US (61/377,085) 2010-08-25

[11] **2,809,350**
[13] C

[51] **Int.Cl. B01J 19/00 (2006.01) C01B 31/20 (2006.01) C02F 1/46 (2006.01)**

[25] EN

[54] **CARBON DIOXIDE GAS FIXATION METHOD AND CARBON DIOXIDE GAS FIXATION APPARATUS**

[54] **PROCEDE DE FIXATION DE DIOXYDE DE CARBONE ET APPAREILLAGE DE FIXATION DE DIOXYDE DE CARBONE**

[72] IWAMOTO, TATSUSHI, JP

[72] AKAMINE, KENICHI, JP

[72] OKUYAMA, JUNICHI, JP

[73] IHI CORPORATION, JP

[85] 2013-02-25

[86] 2011-08-30 (PCT/JP2011/069560)

[87] (WO2012/029757)

[30] JP (2010-193816) 2010-08-31

[11] **2,809,887**
[13] C

[51] **Int.Cl. B23K 26/04 (2014.01) B23K 26/06 (2014.01)**

[25] EN

[54] **DEVICE AND METHOD FOR PROCESSING MATERIAL BY MEANS OF FOCUSED ELECTROMAGNETIC RADIATION**

[54] **DISPOSITIF ET PROCEDE POUR LE TRAITEMENT D'UNE MATIERE AU MOYEN D'UN RAYONNEMENT ELECTROMAGNETIQUE FOCALISE**

[72] WARM, BERNDT, DE

[72] RIEDEL, PETER, DE

[72] GORSCHBOTH, CLAUDIA, DE

[72] WOITTENNEK, FRANZISKA, DE

[73] WAVELIGHT GMBH, DE

[85] 2013-02-28

[86] 2010-09-30 (PCT/EP2010/005976)

[87] (WO2012/041351)

[11] **2,811,876**
[13] C

[51] **Int.Cl. B01D 11/02 (2006.01) A23L 1/30 (2006.01) A61K 36/00 (2006.01)**

[25] EN

[54] **SIMPLE PROCESS TO PRODUCE AND SEPARATE WATER SOLUBLE AND OIL SOLUBLE ANTIOXIDATIVE FLAVORING COMPOSITIONS FROM LABIATAE HERBS USING GREEN SOLVENTS**

[54] **PROCEDE SIMPLE POUR PRODUIRE ET SEPARER DES COMPOSITIONS AROMATISANTES ANTIOXYDANTES SOLUBLES DANS L'EAU ET SOLUBLES DANS L'HUILE A BASE D'HERBES LABIATAE UTILISANT DES SOLVANTS VERTS**

[72] NAHAS, ROGER, US

[72] BARREN, ELIZABETH, US

[72] REYNHOUT, GREGORY S., US

[73] KALAMAZOO HOLDINGS, INC., US

[85] 2013-03-20

[86] 2011-10-25 (PCT/US2011/001808)

[87] (WO2012/060861)

[30] US (61/455,700) 2010-10-25

[11] **2,812,064**
[13] C

[51] **Int.Cl. G03G 5/07 (2006.01) G03G 5/06 (2006.01) G03G 5/147 (2006.01)**

[25] EN

[54] **ELECTROPHOTOGRAPHIC PHOTOCONDUCTOR, IMAGE FORMING METHOD, IMAGE FORMING APPARATUS, AND PROCESS CARTRIDGE**

[54] **PHOTOCONDUCTEUR ELECTROPHOTOGRAPHIQUE, PROCEDE DE FORMATION D'IMAGE, APPAREIL DE FORMATION D'IMAGE, ET CARTOUCHE DE TRAITEMENT**

[72] TANAKA, YUUJI, JP

[72] NAGAYAMA, NORIO, JP

[72] NAGAI, KAZUKIYO, JP

[73] RICOH COMPANY, LTD., JP

[85] 2013-03-12

[86] 2011-09-13 (PCT/JP2011/071290)

[87] (WO2012/036295)

[30] JP (2010-206681) 2010-09-15

[11] **2,812,071**
[13] C

[51] **Int.Cl. B65D 25/00 (2006.01)**

[25] EN

[54] **TRANSPORT AND PRESENTATION BOX**

[54] **TRANSPORT ET CAISSE DE PRESENTATION**

[72] ORGELDINGER, WOLFGANG, DE

[72] DELBROUCK, KLAUS, DE

[73] IFCO SYSTEMS GMBH, DE

[85] 2013-03-19

[86] 2010-09-20 (PCT/EP2010/063804)

[87] (WO2012/037961)

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[11] **2,812,342**
[13] C

- [51] **Int.Cl. G06F 19/22 (2011.01) G06F 19/28 (2011.01) C12Q 1/68 (2006.01) C04B 30/02 (2006.01)**
- [25] EN
- [54] **METHOD AND SYSTEM FOR GENETIC TRAIT SEARCH BASED ON THE PHENOTYPE AND THE GENOME OF A HUMAN SUBJECT**
- [54] **PROCEDE ET SYSTEME POUR LA RECHERCHE DE CARACTERES GENETIQUES SUR LA BASE DU PHENOTYPE ET DU GENOME D'UN SUJET HUMAIN**
- [72] TRAKADIS, JOHN, CA
- [73] TRAKADIS, JOHN, CA
- [85] 2013-04-11
- [86] 2012-09-26 (PCT/CA2012/000881)
- [87] (WO2013/044354)
- [30] US (61/539,020) 2011-09-26
- [30] US (61/562,110) 2011-11-21
- [30] US (61/668,021) 2012-07-04

[11] **2,812,368**
[13] C

- [51] **Int.Cl. C08L 61/06 (2006.01) C08K 3/34 (2006.01) C08L 23/06 (2006.01)**
- [25] EN
- [54] **PHENOL RESIN BASED MOLDING MATERIAL**
- [54] **MATIERE DE MOULAGE A BASE DE RESINE PHENOLIQUE**
- [72] INOKAWA, DAISUKE, JP
- [73] SUMITOMO BAKELITE CO., LTD., JP
- [85] 2013-03-22
- [86] 2011-09-22 (PCT/JP2011/071556)
- [87] (WO2012/039446)
- [30] JP (2010-213632) 2010-09-24

[11] **2,813,478**
[13] C

- [51] **Int.Cl. C09D 11/34 (2014.01) C09D 11/38 (2014.01)**
- [25] EN
- [54] **PHASE CHANGE INKS COMPRISING CRYSTALLINE AMIDES**
- [54] **ENCRES A CHANGEMENT DE PHASE COMPORTANT DES AMIDES CRISTALLINS**
- [72] MORIMITSU, KENTARO, CA
- [72] BELELIE, JENNIFER L., CA
- [72] CHOPRA, NAVEEN, CA
- [72] IFTIME, GABRIEL, CA
- [72] ODELL, PETER G., CA
- [73] XEROX CORPORATION, US
- [86] (2813478)
- [87] (2813478)
- [22] 2013-04-19
- [30] US (13/457,221) 2012-04-26

[11] **2,814,855**
[13] C

- [51] **Int.Cl. F16B 7/04 (2006.01) E04F 11/18 (2006.01) E04H 17/14 (2006.01)**
- [25] EN
- [54] **SNAP COUPLING SYSTEM BETWEEN COUPLING MEMBERS**
- [54] **SYSTEME DE SOLIDARISATION PAR ENCLIQUETAGE ENTRE DES ELEMENTS DE RACCORDEMENT**
- [72] GARZA-MONTEMAYOR, JOSE-GUADALUPE, MX
- [72] GARZA-MONTEMAYOR, JORGE-EUGENIO, MX
- [73] GARZA-MONTEMAYOR, JOSE-GUADALUPE, MX
- [73] GARZA-MONTEMAYOR, JORGE-EUGENIO, MX
- [85] 2013-04-15
- [86] 2011-10-12 (PCT/MX2011/000123)
- [87] (WO2012/050414)
- [30] US (12/906,067) 2010-10-15

[11] **2,815,939**
[13] C

- [51] **Int.Cl. B60D 1/14 (2006.01) B62D 63/04 (2006.01)**
- [25] EN
- [54] **PIVOTING HITCH ASSEMBLY**
- [54] **ASSEMBLAGE D'ATTELAGE PIVOTANT**
- [72] SPARKES, VERNON W., CA
- [72] SHAW, J. D, WILLIAM, CA
- [73] SPARKES, VERNON W., CA
- [86] (2815939)
- [87] (2815939)
- [22] 2004-12-06
- [62] 2,547,623
- [30] US (60/481,929) 2004-01-21
- [30] US (60/573,756) 2004-05-21
- [30] US (60/600,824) 2004-08-12

[11] **2,818,421**
[13] C

- [51] **Int.Cl. A23G 9/32 (2006.01) A23G 9/04 (2006.01) A23G 9/08 (2006.01) C12G 3/00 (2006.01)**
- [25] EN
- [54] **PROCESS FOR MAKING AN ALCOHOL-CONTAINING FROZEN COMESTIBLE AND PRODUCT THEREOF**
- [54] **PROCEDE DE FABRICATION D'UN ALIMENT CONGELE CONTENANT DE L'ALCOOL ET PRODUIT CONNEXE**
- [72] MELVIN, DAVID H., CA
- [73] 2029067 ONTARIO LTD., CA
- [86] (2818421)
- [87] (2818421)
- [22] 2013-06-14
- [30] US (61/660,314) 2012-06-15
- [30] US (13/826,815) 2013-03-14

[11] **2,819,964**
[13] C

- [51] **Int.Cl. F42C 14/02 (2006.01) F42C 15/34 (2006.01)**
- [25] EN
- [54] **GRENADE MECHANISM**
- [54] **MECANISME DE GRENADE**
- [72] VEKSLER, ISAR, IL
- [73] ISRAEL MILITARY INDUSTRIES LTD., IL
- [85] 2013-06-04
- [86] 2010-12-12 (PCT/IL2010/001044)
- [87] (WO2012/080998)

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[11] **2,820,844**
[13] C

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[25] EN

[54] **A PROCESS FOR MAKING POLYUREA PARTICLES**

[54] **PROCEDE DE PRODUCTION DE PARTICULES DE PLYUREE**

[72] WOUTTERS, STEVE ANDRE, BE

[72] LINDSAY, CHRIS IAN, BE

[73] HUNTSMAN INTERNATIONAL LLC, US

[85] 2013-06-07

[86] 2011-12-15 (PCT/EP2011/072899)

[87] (WO2012/095236)

[30] EP (11150833.9) 2011-01-13

[11] **2,820,972**
[13] C

[51] **Int.Cl. G02C 5/02 (2006.01)**

[25] EN

[54] **EXTENDABLE EYEGLASSES AND METHOD OF USE**

[54] **LUNETTES EXTENSIBLES ET PROCEDE D'UTILISATION**

[72] PORTER, DAVID R., US

[73] VISOPTICAL, LLC, US

[85] 2013-06-07

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[87] (WO2012/092235)

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[11] **2,821,729**
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[51] **Int.Cl. B60K 13/02 (2006.01)**

[25] EN

[54] **INTAKE STRUCTURE FOR SADDLE TYPE VEHICLE**

[54] **STRUCTURE D'ENTREE POUR VEHICULE DU TYPE A SELLE**

[72] TSUTSUI, NORIYOSHI, JP

[72] KOISHIKAWA, TAKUMA, JP

[72] YOKOYAMA, SHIN, JP

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

[86] (2821729)

[87] (2821729)

[22] 2013-07-24

[30] JP (2012-192488) 2012-08-31

[11] **2,822,017**
[13] C

[51] **Int.Cl. C07D 213/82 (2006.01) A61K 31/44 (2006.01) A61K 31/4427 (2006.01) A61K 31/4965 (2006.01) A61K 31/505 (2006.01) A61P 3/10 (2006.01) C07D 239/42 (2006.01) C07D 241/28 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01)**

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[54] **GLUCAGON RECEPTOR MODULATORS**

[54] **MODULATEURS DU RECEPTEUR DU GLUCAGON**

[72] ASPNES, GARY ERIK, US

[72] DIDIUK, MARY THERESA, US

[72] FILIPSKI, KEVIN JAMES, US

[72] GUZMAN-PEREZ, ANGEL, US

[72] PFEFFERKORN, JEFFREY ALLEN, US

[72] STEVENS, BENJAMIN DAWSON, US

[72] TU, MEIHUA MIKE, US

[73] PFIZER INC., US

[85] 2013-06-17

[86] 2011-12-09 (PCT/IB2011/055588)

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[13] C

[51] **Int.Cl. B01D 21/01 (2006.01) C02F 1/52 (2006.01) C02F 1/56 (2006.01)**

[25] EN

[54] **COMPOSITION AND SYSTEM FOR FLOCCULATING OR SETTLING SOLIDS FROM LIQUIDS AND METHODS FOR USING SAME**

[54] **COMPOSITION ET SYSTEME DE FLOCCULATION OU DE DECANTATION DE MATIERES SOLIDES A PARTIR DE LIQUIDES ET LEURS PROCEDES D'UTILISATION**

[72] HANNA, GERALD, CA

[72] VALDES, ALBERTO, CA

[73] CLEARFLOW ENVIRO SYSTEMS GROUP INC., CA

[85] 2013-07-10

[86] 2012-01-17 (PCT/CA2012/000051)

[87] (WO2012/097442)

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[30] US (61/524,687) 2011-08-17

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[25] EN

[54] **METHOD AND APPARATUS FOR ENCODING AND PROCESSING ACKNOWLEDGEMENT INFORMATION**

[54] **PROCEDE ET APPAREIL POUR CODER ET TRAITER DES DONNEES D'ACCUSE DE RECEPTION**

[72] FAN, XIAOAN, CN

[72] LV, YONGXIA, CN

[72] CHEN, XIAOFENG, CN

[73] HUAWAI TECHNOLOGIES CO., LTD., CN

[85] 2013-07-16

[86] 2012-01-17 (PCT/CN2012/070488)

[87] (WO2012/097726)

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[30] CN (201110206570.2) 2011-07-22

[11] **2,827,905**
[13] C

[51] **Int.Cl. F21V 15/01 (2006.01) F21V 21/04 (2006.01)**

[25] EN

[54] **IN-GRADE LIGHTING SYSTEM**

[54] **SYSTEME D'ECLAIRAGE GRADUEL**

[72] TYSON, GLENN M., US

[72] SCHULER, RICHARD M., US

[72] LEONHARDT, MICHAEL P., US

[73] ABL IP HOLDING LLC, US

[86] (2827905)

[87] (2827905)

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[25] EN
[54] **RUBBER STAMP AND INK PAD FOR A SELF-INKING RUBBER STAMP**
[54] **TIMBRE ET TAMPON ENCREUR POUR UN TIMBRE AUTOENCREUR**
[72] ZINDL, PETER, AT
[72] ZEHETNER, MARKUS, AT
[72] MARTIN, VOLKER, AT
[73] TRODAT GMBH, AT
[86] (2830919)
[87] (2830919)
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[30] AT (A 174/2009) 2009-01-30
[30] AT (A 70/2010) 2010-01-20

[11] **2,832,962**
[13] C

[51] **Int.Cl. A47G 19/22 (2006.01) B65D 25/42 (2006.01) B65D 47/32 (2006.01)**
[25] EN
[54] **DRINKING CONTAINER**
[54] **CONTENANT DE BOISSON**
[72] CONNORS, JAMES A., JR., US
[72] MEDEIROS, DAVID E., US
[72] DYS, GEORGE S., US
[72] BRITTO, JAMES J., US
[72] HESSION, JOHN A., US
[73] THE FIRST YEARS INC., US
[86] (2832962)
[87] (2832962)
[22] 2002-10-04
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[30] US (09/971,499) 2001-10-05

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[13] C

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[25] EN
[54] **A PROSTHETIC DEVICE AND METHOD OF MANUFACTURING THE SAME**
[54] **DISPOSITIF PROTHETIQUE ET SON PROCEDE DE FABRICATION**
[72] MORTARINO, ENRICO, US
[73] ALLERGAN, INC., US
[85] 2013-10-17
[86] 2012-04-17 (PCT/US2012/033930)
[87] (WO2012/145311)
[30] US (13/088,706) 2011-04-18

[11] **2,838,368**
[13] C

[51] **Int.Cl. F24F 13/20 (2006.01) F24F 7/10 (2006.01)**
[25] EN
[54] **A PROTECTION HOUSING FOR VENTILATOR IN CASE OF OVERHEATING OF A TERMINAL BLOCK**
[54] **UNE ENCEINTE DE PROTECTION POUR VENTILATEUR EN CAS DE SURCHAUFFE D'UN BLOC TERMINAL**
[72] MASUDA, KENJI, JP
[72] NANKAKU, YOSHIKATSU, JP
[72] NAGASAKI, DAISUKE, JP
[72] IKAWA, AKIHIRO, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[86] (2838368)
[87] (2838368)
[22] 2008-05-26
[62] 2,725,646

[11] **2,840,240**
[13] C

[51] **Int.Cl. F21S 4/00 (2006.01) H01L 33/58 (2010.01) F21S 8/10 (2006.01) F21V 13/04 (2006.01) F21V 19/00 (2006.01) F21V 21/005 (2006.01) F21V 21/08 (2006.01) F21V 33/00 (2006.01) G02B 6/10 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR FLEXIBLE ILLUMINATED DEVICES HAVING EDGE LIGHTING UTILIZING LIGHT ACTIVE SHEET MATERIAL WITH INTEGRATED LIGHT EMITTING DIODE**
[54] **PROCEDE ET SYSTEME POUR DISPOSITIFS ECLAIRES SOUPLES AYANT UN ECLAIRAGE DE BORDS UTILISANT UN MATERIAU EN FEUILLE ACTIF VIS-A-VIS DE LA LUMIERE A DIODE ELECTROLUMINESCENTE INTEGREE**
[72] ROBBINS, STANLEY D., US
[72] BOZICH, RICHARD C., US
[72] MARX, MARTIN J., US
[72] ROBERTS, JAMES E., US
[72] EHLERS, JENNIFER M., US
[72] BOLANDER, AL, US
[73] GROTE INDUSTRIES, LLC, US
[85] 2013-12-20
[86] 2012-07-27 (PCT/US2012/048533)
[87] (WO2013/016631)
[30] US (61/512,272) 2011-07-27

[11] **2,842,639**
[13] C

[51] **Int.Cl. A01J 5/017 (2006.01) A01J 5/007 (2006.01) B25J 9/12 (2006.01) B25J 9/18 (2006.01) B25J 13/08 (2006.01) B25J 15/02 (2006.01)**
[25] EN
[54] **MILKING BOX WITH ROBOTIC ATTACHER**
[54] **STALLE DE TRAITE AVEC POSTE ROBOTISE**
[72] HOFMAN, HENK, NL
[72] VAN DER SLUIS, PETER WILLEM, NL
[72] GROENSMA, YPE, NL
[73] TECHNOLOGIES HOLDINGS CORP., US
[86] (2842639)
[87] (2842639)
[22] 2012-04-27
[62] 2,817,043
[30] US (13/095,983) 2011-04-28
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[30] US (13/454,876) 2012-04-24
[30] US (13/454,670) 2012-04-24
[30] US (13/454,716) 2012-04-24
[30] US (13/454,913) 2012-04-24

[11] **2,843,936**
[13] C

[51] **Int.Cl. B29D 29/06 (2006.01) B65G 15/34 (2006.01)**
[25] EN
[54] **CONVEYOR BELT**
[54] **CONVOYEUR A BANDE**
[72] PERO, GREGORY D., US
[72] VOGLIANO, ROBERT H., US
[72] WILSON, BARRY M., US
[72] MAGUIRE, DAVID J., US
[73] VEYANCE TECHNOLOGIES, INC., US
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[11] **2,846,237**
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[25] EN
[54] **AIRCRAFT GALLEY LIQUID COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT PAR LIQUIDE POUR OFFICE D'AERONEF**
[72] LU, QIAO, US
[72] GODECKER, WILLIAM, US
[73] B/E AEROSPACE, INC., US
[85] 2014-02-21
[86] 2012-08-23 (PCT/US2012/052091)
[87] (WO2013/028878)
[30] US (13/215,555) 2011-08-23

[11] **2,847,022**
[13] C

[51] **Int.Cl. A61K 31/675 (2006.01) A61K 31/4402 (2006.01) A61K 31/4415 (2006.01) A61P 1/08 (2006.01)**
[25] EN
[54] **COMPOSITION FOR THE MANAGEMENT OF NAUSEA AND VOMITING**
[54] **COMPOSITION DE GESTION DES NAUSEES ET VOMISSEMENTS**
[72] VRANDERICK, MANON, CA
[72] ST-ONGE, JEAN-LUC, CA
[72] GALLO, MICHELE, CA
[72] GERVAIS, ERIC, CA
[73] DUCHESNAY INC., CA
[86] (2847022)
[87] (2847022)
[22] 2014-03-14
[30] US (61/856,971) 2013-07-22

[11] **2,847,142**
[13] C

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 47/48 (2006.01) A61P 37/06 (2006.01) C07K 16/24 (2006.01)**
[25] EN
[54] **USE OF ANTI-TNF-.ALPHA. MONOCLONAL ANTIBODY, D2E7, FOR THE TREATMENT OF TNF-.ALPHA. RELATED INFLAMMATORY DISORDERS**
[54] **UTILISATION D'ANTICORPS MONOCLONAL ANTI TNF-ALPHA, D2E7, POUR LE TRAITEMENT DE TROUBLES INFLAMMATOIRES ASSOCIES AU TNF-ALPHA**
[72] HOFFMAN, REBECCA S., US
[72] CHARTASH, ELLIOT KEITH, US
[72] TAYLOR, LORI K., US
[72] GRANNEMAN, GEORGE RICHARD, US
[72] YAN, PHILIP, US
[73] ABBVIE BIOTECHNOLOGY LTD., BM
[86] (2847142)
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[22] 2005-04-11
[62] 2,504,868
[30] US (60/561,139) 2004-04-09
[30] US (60/561,710) 2004-04-12
[30] US (60/569,100) 2004-05-07

[11] **2,849,623**
[13] C

[51] **Int.Cl. F02D 19/06 (2006.01) F02D 41/30 (2006.01) F02M 25/00 (2006.01) F02M 43/00 (2006.01) F02M 47/04 (2006.01)**
[25] EN
[54] **FUEL SYSTEM FOR AN INTERNAL COMBUSTION ENGINE**
[54] **SYSTEME D'ALIMENTATION EN CARBURANT POUR UN MOTEUR A COMBUSTION INTERNE**
[72] GOODFELLOW, NIKOLAS, CA
[73] WESTPORT POWER INC., CA
[86] (2849623)
[87] (2849623)
[22] 2014-04-17

[11] **2,850,155**
[13] C

[51] **Int.Cl. C10G 33/06 (2006.01) B01D 21/02 (2006.01) B03B 9/02 (2006.01) B65D 90/02 (2006.01) C10G 1/04 (2006.01)**
[25] EN
[54] **THICKENING TREATMENT OF OIL SANDS TAILINGS INCLUDING ASPHALTENES**
[54] **TRAITEMENT EPAISSISSANT DES RESIDUS DE SABLES BITUMINEUX COMPRENANT DES ASPHALTENES**
[72] HYNDMAN, ALEXANDER WILLIAM, CA
[72] RINGSTROM, JOHN PATRICK, CA
[72] SHARPE, JOHN, CA
[72] BARTLETT, DOUGLAS ROBERT, CA
[72] HINDLE, W. SCOTT, CA
[72] GRANT, CHRIS L., CA
[73] FORT HILLS ENERGY L.P., CA
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[87] (2850155)
[22] 2004-01-08
[62] 2,799,739

[11] **2,852,106**
[13] C

[51] **Int.Cl. A01G 9/02 (2006.01)**
[25] EN
[54] **INTERLOCKING MODULAR PLANTING SYSTEM FOR ROOF APPLICATIONS**
[54] **SYSTEME DE PLANTATION MODULAIRE VERROUILLABLE POUR UTILISATIONS SUR LES TOITS**
[72] MACKENZIE, DAVID S., US
[73] HORTECH, INC., US
[86] (2852106)
[87] (2852106)
[22] 2012-07-20
[62] 2,783,640
[30] US (13/538,254) 2012-06-29

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[13] C

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[25] EN
[54] **HIGHCHAIR WITH ADJUSTABLE TRAY AND SEAT HEIGHT**
[54] **CHAISE HAUTE D'ENFANT AYANT UN PLATEAU ET UNE HAUTEUR DE SIEGE AJUSTABLES**
[72] XYDIS, CHRISTOPHER, US
[72] STOLARZ, CHRISTIAN, US
[72] ONDREY, RONALD, US
[72] WORDEN, ELI, US
[72] PARADISE, CHARLIE, US
[73] HELEN OF TROY LIMITED, BB
[85] 2014-04-16
[86] 2013-05-29 (PCT/US2013/043046)
[87] (WO2014/042713)
[30] US (13/615,806) 2012-09-14

[11] **2,863,094**
[13] C

[51] **Int.Cl. G01R 31/02 (2006.01) G01R 19/165 (2006.01)**
[25] EN
[54] **FAULTED CIRCUIT INDICATOR WITH FAULT CHARACTERISTIC DETECTION AND DISPLAY**
[54] **INDICATEUR DE CIRCUIT DEFECTUEUX AVEC DETECTION ET AFFICHAGE DE CARACTERISTIQUE DE DEFAILLANCE**
[72] FEIGHT, LAURENCE V., US
[73] SCHWEITZER ENGINEERING LABORATORIES, INC., US
[86] (2863094)
[87] (2863094)
[22] 2009-02-27
[62] 2,716,582
[30] US (61/032,866) 2008-02-29

[11] **2,866,414**
[13] C

[51] **Int.Cl. B65H 75/14 (2006.01) B65H 75/20 (2006.01)**
[25] EN
[54] **CONVEYOR BELT TAKE-UP DRUM**
[54] **TAMBOUR D'ENROULEMENT POUR COURROIE TRANSPORTEUSE**
[72] MIYAJIMA, ATSUSHI, JP
[72] YAJIMA, HIROSHI, JP
[73] THE YOKOHAMA RUBBER CO., LTD., JP
[85] 2014-09-04
[86] 2013-01-30 (PCT/JP2013/052047)
[87] (WO2013/132928)
[30] JP (2012-051972) 2012-03-08

[11] **2,866,670**
[13] C

[51] **Int.Cl. G05D 7/06 (2006.01) G01F 3/14 (2006.01)**
[25] EN
[54] **FLUID ADDITIVE DELIVERY SYSTEM WITH FLOW METER**
[54] **SYSTEME DE REFOULEMENT D'ADDITIF DE FLUIDE COMPRENANT UN DEBITMETRE**
[72] HAMMONDS, CARL L., US
[73] HAMMONDS TECHNICAL SERVICES, INC., US
[86] (2866670)
[87] (2866670)
[22] 2013-01-03
[62] 2,860,910
[30] US (13/363,141) 2012-01-31
[30] US (13/363,012) 2012-01-31

[11] **2,868,864**
[13] C

[51] **Int.Cl. B60W 50/08 (2012.01)**
[25] EN
[54] **LIGHT-BASED TOUCH CONTROLS ON A STEERING WHEEL AND DASHBOARD**
[54] **COMMANDES TACTILES A BASE DE LUMIERE SUR UN VOLANT ET UN TABLEAU DE BORD**
[72] FROJDH, GUNNAR MARTIN, SE
[72] FELLIN, SIMON, SE
[72] ERIKSSON, THOMAS, SE
[72] KARLSSON, JOHN, SE
[72] HEDIN, MARIA, SE
[72] BERGLIND, RICHARD, SE
[73] NEONODE INC., US
[85] 2014-09-26
[86] 2013-11-25 (PCT/US2013/071557)
[87] (WO2014/085277)
[30] US (61/730,139) 2012-11-27

[11] **2,868,987**
[13] C

[51] **Int.Cl. F16L 55/26 (2006.01) B08B 9/04 (2006.01) F17D 5/00 (2006.01)**
[25] EN
[54] **GAS STREAM SUSPENSION PIPE VIEWER AND METHOD FOR USING SAME**
[54] **OBSERVATEUR DE SUSPENSION DE FLUX GAZEUX POUR TUYAU ET SON PROCEDE D'UTILISATION**
[72] COOPER, RANDALL, CA
[72] LILLIE, KEVIN, CA
[72] HOCHFELLNER, JOHN, CA
[73] ENVIROLOGICS ENGINEERING INC., CA
[85] 2014-09-30
[86] 2012-04-16 (PCT/CA2012/050241)
[87] (WO2013/155589)

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[11] **2,871,992**

[13] C

[51] **Int.Cl. B02C 17/02 (2006.01) B01F
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C10G 1/04 (2006.01)**

[25] EN

[54] **APPARATUS TO CREATE AN OIL
SAND SLURRY**

[54] **PROCEDE ET APPAREIL DE
PREPARATION DE BOUE DE
SABLES BITUMINEUX**

[72] MARKS, ANITA, US

[72] WEATHERBEE, GRANT, CA

[72] KENNEDY, HEATHER, CA

[72] WALMSLEY, CHRIS, CA

[73] SUNCOR ENERGY INC., CA

[86] (2871992)

[87] (2871992)

[22] 2008-06-19

[62] 2,635,333

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Demandes canadiennes mises à la disponibilité du public

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[13] A1
[51] **Int.Cl. B25H 1/00 (2006.01) B27B 29/00 (2006.01)**
[25] FR
[54] **REMOVEABLE SUPPORT AND LOCK FOR LOGS**
[54] **SUPPORT ET BARRURE AMOVIBLE POUR BILLOTS**
[72] KIELY, GEORGE, CA
[71] KIELY, GEORGE, CA
[22] 2013-09-25
[41] 2015-03-25

[21] **2,827,537**
[13] A1
[51] **Int.Cl. B65D 51/24 (2006.01) B05C 11/04 (2006.01) B05C 21/00 (2006.01)**
[25] EN
[54] **SPREADER CAP**
[54] **CALOTTE DE DISTRIBUTION**
[72] UNKNOWN, ZZ
[71] LEVI, AYAL, CA
[71] MA, DONOVAN, CA
[22] 2013-09-23
[41] 2015-03-23

[21] **2,827,698**
[13] A1
[51] **Int.Cl. H04N 21/85 (2011.01) G06F 17/00 (2006.01) G06K 9/78 (2006.01) H04N 5/262 (2006.01) H04N 5/77 (2006.01) G10L 17/14 (2013.01) G10L 15/22 (2006.01)**
[25] FR
[54] **SYSTEM FOR AUTOMATING THE PRODUCTION OF A DIGITAL VIDEO USING VIDEO SEQUENCES AND SYNCHRONISATION MARKERS CAPTURED SIMULTANEOUSLY USING A SYNCHRONISATION DEVICE AND AN ACQUISITION MODULE**
[54] **SYSTEME POUR AUTOMATISER LA PRODUCTION D'UNE VIDEO DIGITALE EN UTILISANT DES SEQUENCES DE VIDEO ET DES MARQUEURS DE SYNCHRONISATION CAPTES SIMULTANEMENT A L'AIDE D'UN DISPOSITIF DE SYNCHRONISATION ET D'UN MODULE D'ACQUISITION**
[72] GAUTHIER, MARC-ANDRE, CA
[71] BERGERON, NICOLAS, CA
[22] 2013-09-23
[41] 2015-03-23

[21] **2,827,701**
[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) G05B 17/02 (2006.01) G06N 3/02 (2006.01)**
[25] EN
[54] **METHODS OF PATEL DECOUPLED LOADLOW COMPUTATION FOR ELECTRICAL POWER SYSTEM**
[54] **PROCEDES DE CALCUL DE PUISSANCE DECOUPLE DE PATEL POUR SYSTEME D~ALIMENTATION ELECTRIQUE**
[72] PATEL, SURESHCHANDRA B., CA
[71] PATEL, SURESHCHANDRA B., CA
[22] 2013-09-23
[41] 2015-03-23

[21] **2,827,769**
[13] A1
[51] **Int.Cl. E01F 13/02 (2006.01) E04H 17/14 (2006.01) E04H 17/16 (2006.01) E04H 17/20 (2006.01)**
[25] EN
[54] **CONSTRUCTION SITE FENCE PANEL FOOT BOOT**
[54] **BOTTE POUR PIED DE PANNEAU DE CLOTURE DE CHANTIER DE CONSTRUCTION**
[72] PASQUALINI, TONY L., CA
[71] PASQUALINI, TONY L., CA
[22] 2013-09-23
[41] 2015-03-23

[21] **2,827,942**
[13] A1
[51] **Int.Cl. G08G 1/0955 (2006.01) E01F 9/016 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **ROADSIDE HAZARDOUS WARNING STATION**
[54] **POSTE D~AVERTISSEMENT DE DANGER EN BORD DE ROUTE**
[72] YU, BRIAN, CA
[71] YU, BRIAN, CA
[22] 2013-09-23
[41] 2015-03-23

[21] **2,827,943**
[13] A1
[51] **Int.Cl. G08G 1/0967 (2006.01) G08B 21/02 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **IN CAR WARNING DEVICE TO HAZARDOUS ROADSIDE CONDITIONS**
[54] **DISPOSITIF D~AVERTISSEMENT A BORD D~UNE AUTOMOBILE INDIQUANT DES CONDITIONS DANGEREUSES EN BORD DE ROUTE**
[72] YU, BRIAN, CA
[71] YU, BRIAN, CA
[22] 2013-09-23
[41] 2015-03-23

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[21] **2,828,038**
[13] A1

[51] **Int.Cl. G06Q 10/02 (2012.01) G06Q 30/08 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING AUCTION RESERVATION IN A COMMUNICATIONS NETWORK**
[54] **SYSTEME ET PROCEDE POUR FOURNIR UNE RESERVATION DE VENTE AUX ENCHERES DANS UN RESEAU DE COMMUNICATION**
[72] COLLIER, KYLE ANTHONY, CA
[71] COLLIER, KYLE ANTHONY, CA
[22] 2013-09-23
[41] 2015-03-23

[21] **2,828,144**
[13] A1

[51] **Int.Cl. G06Q 40/00 (2012.01) H04L 12/16 (2006.01)**
[25] FR
[54] **INTEGRATION INTERFACE FOR FUNDS TRANSFER SERVICE PROCESSES, AND COLLECTION SERVICES AT THE SERVICE OF THE SUSTAINABLE DEVELOPMENT OF COMMUNITY AND PARTICIPATORY CREDIT BETWEEN INDIVIDUALS**
[54] **INTERFACE D'INTEGRATION AUX PROCESSUS DE SERVICES DE TRANSFERT DE FONDS, ET SERVICES DE RECOUVREMENT AU SERVICE DU DEVELOPPEMENT DURABLE DU CREDIT SOLIDAIRE ET PARTICIPATIF ENTRE PARTICULIERS**
[72] MONTEVERDE, NORA, CA
[72] LOPEZ, LUIS ALEXANDER CHAMORRO, CA
[71] MONTEVERDE, NORA, CA
[71] LOPEZ, LUIS ALEXANDER CHAMORRO, CA
[22] 2013-09-25
[41] 2015-03-25

[21] **2,828,145**
[13] A1

[51] **Int.Cl. G01M 13/00 (2006.01) E02F 9/26 (2006.01) G01B 11/245 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MONITORING A CONDITION OF AN OPERATING IMPLEMENT IN HEAVY EQUIPMENT**
[54] **PROCEDE ET APPAREIL DE SURVEILLANCE D'UN ETAT D'UN ORGANE D'ACTIVATION D'UN EQUIPEMENT LOURD**
[72] TAFAZOLI, SHAHRAM, CA
[72] PARNIAN, NEDA, CA
[72] BAUMANN, MATTHEW ALEXANDER, CA
[71] MOTION METRICS INTERNATIONAL CORP., CA
[22] 2013-09-23
[41] 2015-03-23

[21] **2,828,152**
[13] A1

[51] **Int.Cl. B32B 5/08 (2006.01) B32B 5/18 (2006.01) B32B 5/24 (2006.01) B32B 37/00 (2006.01) E04B 1/62 (2006.01)**
[25] EN
[54] **REINFORCED INSULATING PANEL AND METHOD OF MANUFACTURING SAME**
[54] **PANNEAU ISOLANT RENFORCE ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] AMEND, VICTOR, CA
[71] AMEND, VICTOR, CA
[22] 2013-09-24
[41] 2015-03-24

[21] **2,828,174**
[13] A1

[51] **Int.Cl. A61L 9/01 (2006.01) B29D 22/00 (2006.01) C08K 11/00 (2006.01) C08L 31/04 (2006.01) D06M 16/00 (2006.01)**
[25] EN
[54] **IMPREGNATED ODOUR CONTROL PRODUCTS AND METHOD OF MAKING THE SAME**
[54] **PRODUITS DE CONTROLE DES ODEURS IMPREGNEES ET PROCEDE DE FABRICATION DE CEUX-CI**
[72] CHOW, PHILIP P., CA
[72] CIUPA, CATHERINE, CA
[71] LIFE SCIENCE TGO, S.R.L., BB
[22] 2013-09-23
[41] 2015-03-23

[21] **2,828,241**
[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01)**
[25] EN
[54] **EUTECTIC SALT ABANDONMENT PLUG FOR WELLBORES**
[54] **BOUCHON D~ABANDON A SEL EUTECTIQUE POUR PUIITS DE FORAGE**
[72] KUNZ, DALE, CA
[71] KUNZ, DALE, CA
[22] 2013-09-25
[41] 2015-03-25

[21] **2,828,336**
[13] A1

[51] **Int.Cl. G06Q 50/30 (2012.01) G06Q 30/00 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING FUEL COSTS**
[54] **PROCEDES, SYSTEMES ET PRODUITS-PROGRAMMES D'ORDINATEUR PERMETTANT LA GESTION DES COUTS EN CARBURANT**
[72] PIERCE, THOMAS L., JR., US
[72] MORGAN, RANDALL K., US
[72] JOSEPH, CHARLES T., US
[71] COMDATA NETWORK, INC., US
[22] 2013-09-24
[41] 2015-03-23
[30] US (14/033,965) 2013-09-23

[21] **2,828,354**
[13] A1

[51] **Int.Cl. B23D 21/00 (2006.01)**
[25] EN
[54] **SYSTEM AND APPARATUS FOR ENSURING A LEVEL CUT OF A PIPE**
[54] **SYSTEME ET APPAREIL PERMETTANT D~OBTENIR UNE COUPE DROITE D~UN TUYAU**
[72] WILLIAMS, RANDY, CA
[72] WILLIAMS, FRANK, CA
[71] ZIRCON DEVELOPMENTS INC., CA
[22] 2013-09-27
[41] 2015-03-26
[30] US (14038744) 2013-09-26

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[21] **2,828,363**
[13] A1

[51] **Int.Cl. A61K 8/02 (2006.01) A45D 44/00 (2006.01) A61Q 5/06 (2006.01) G01N 21/21 (2006.01) G01N 21/31 (2006.01) G01N 21/47 (2006.01) G01N 33/483 (2006.01) A61K 8/72 (2006.01)**

[25] EN
[54] **SYSTEMS FOR CUSTOM COLORATION**
[54] **SYSTEMES POUR COLORATION PERSONNALISEE**

[72] UNKNOWN, ZZ
[72] LANDA, BENZION, IL
[72] MIKLATZKY, EFRAIM, IL
[72] ABRAMOVICH, SAGI, IL
[72] MAZUZ, YACOV, IL
[72] KRASSILNIKOV, ANTON, IL
[72] BENNY, ELIYAHU, IL
[72] DAVARA, GILAD, IL
[72] OFEK, CHEN, IL
[72] ISHKOV, ELENA, IL
[72] SHAHAR, LIOR, IL
[72] MANDELIK, DANIEL, IL
[71] COLORIGHT LTD., IL
[22] 2013-09-26
[41] 2015-03-26

[21] **2,828,386**
[13] A1

[51] **Int.Cl. A01B 15/02 (2006.01)**

[25] FR
[54] **SURFACE-FORMING EQUIPMENT, FABRICATION METHODS AND CORRESPONDING USES, SPECIFICALLY FOR ASSEMBLY WITH A MOBILE UNIT**
[54] **EQUIPEMENT DE FORMAGE DE SURFACES, PROCEDES DE FABRICATION ET UTILISATIONS CORRESPONDANTES, NOTAMMENT EN ASSEMBLAGE AVEC UNE UNITE MOBILE**

[72] LANDRY, JOCELYN J. L., CA
[72] COULOMBE, MARTIN M. C., CA
[71] LANDRY, JOCELYN J. L., CA
[71] COULOMBE, MARTIN M. C., CA
[22] 2013-09-26
[41] 2015-03-26

[21] **2,828,392**
[13] A1

[51] **Int.Cl. A61K 36/82 (2006.01) A61K 8/97 (2006.01) A61K 31/355 (2006.01) A61L 2/22 (2006.01) A61P 17/00 (2006.01) A61P 31/04 (2006.01) A61Q 19/00 (2006.01)**

[25] EN
[54] **YOGA MAT HEALTH FACE SPRAY**
[54] **NOUVELLE DEMANDE D~APPLICATION EN COURS**

[72] UNKNOWN, ZZ
[71] SMITH, SEAN S.S., CA
[22] 2013-09-26
[41] 2015-03-26

[21] **2,828,410**
[13] A1

[51] **Int.Cl. E04G 7/02 (2006.01)**

[25] FR
[54] **RETRACTABLE BARS AND THE SCAFFOLD**
[54] **LES BARRES ESCAMOTABLES ET L'ECHAFAUD**

[72] VACHON, ROGER, CA
[71] VACHON, ROGER, CA
[22] 2013-09-26
[41] 2015-03-26

[21] **2,828,439**
[13] A1

[51] **Int.Cl. G09F 19/00 (2006.01) A47K 7/00 (2006.01)**

[25] EN
[54] **THE PAPER PATTI**
[54] **THE PAPER PATTI**

[72] MANJAPRA, JEANILE, CA
[71] MANJAPRA, JEANILE, CA
[22] 2013-09-26
[41] 2015-03-26

[21] **2,828,451**
[13] A1

[51] **Int.Cl. A01K 5/02 (2006.01) A01K 19/00 (2006.01)**

[25] EN
[54] **FEEDER FOR ANIMALS**
[54] **DISPOSITIF D~ALIMENTATION POUR ANIMAUX**

[72] MCADAMS, PETER F., CA
[71] CRYSTAL SPRING COLONY FARMS LTD., CA
[22] 2013-09-25
[41] 2015-03-25

[21] **2,828,459**
[13] A1

[51] **Int.Cl. F24B 1/193 (2006.01)**

[25] EN
[54] **HEIGHT ADJUSTABLE FIRE PIT GRATE ASSEMBLY WHOLLY CARRIED BY A FIRE PIT RING**
[54] **GRILLE DE FOYER A HAUTEUR REGLABLE ENTIEREMENT SUPPORTEE PAR UN ANNEAU DE FOYER**

[72] MATTIX, GARY W., CA
[72] MATTIX, SCOTT R., CA
[71] MATTIX, GARY W., CA
[71] MATTIX, SCOTT R., CA
[22] 2013-09-23
[41] 2015-03-23

[21] **2,828,855**
[13] A1

[51] **Int.Cl. F16L 13/11 (2006.01) B05C 17/01 (2006.01) F16B 11/00 (2006.01) F16L 1/06 (2006.01) F16L 47/02 (2006.01)**

[25] EN
[54] **METHOD AND APPARATUS FOR CONNECTING PIPES**
[54] **PROCEDE ET APPAREIL POUR BRANCHER DES TUYAUX**

[72] CONRAD, WAYNE ERNEST, CA
[71] G.B.D. CORP, BS
[22] 2013-09-27
[41] 2015-03-27

[21] **2,829,002**
[13] A1

[51] **Int.Cl. B26D 3/16 (2006.01)**

[25] EN
[54] **PIPE CUTTING TOOL AND METHODS FOR USE**
[54] **COUPE-TUBE ET PROCEDES D~UTILISATION**

[72] CONRAD, WAYNE ERNEST, CA
[72] CONRAD, NINA, CA
[72] BURKE, BRIAN, CA
[72] VIVIAN, DON, CA
[71] G.B.D. CORP, BS
[22] 2013-09-27
[41] 2015-03-27

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[21] **2,829,041**
[13] A1

[51] **Int.Cl. F16L 13/11 (2006.01) B05C 17/01 (2006.01) F16B 11/00 (2006.01) F16L 1/06 (2006.01) F16L 47/02 (2006.01)**

[25] EN
[54] **PIPE SEALING TOOL AND METHODS FOR USE**
[54] **OUTIL D-OBTURATION HERMETIQUE DE TUYAU ET PROCEDES D-UTILISATION**

[72] CONRAD, WAYNE ERNEST, CA
[72] CONRAD, NINA, CA
[72] BURKE, BRIAN, CA
[72] VIVIAN, DON, CA
[72] WAJDA, TOMASZ F., CA
[71] G.B.D. CORP, BS
[22] 2013-09-27
[41] 2015-03-27

[21] **2,829,075**
[13] A1

[51] **Int.Cl. C09J 127/06 (2006.01) C09J 5/10 (2006.01) C09J 127/24 (2006.01) C09J 177/00 (2006.01) F16L 13/11 (2006.01) F16L 47/02 (2006.01) C09K 3/10 (2006.01)**

[25] EN
[54] **PIPE JOINING MATERIAL FOR CONNECTING PIPES**
[54] **MATERIAU DE RACCORDEMENT DE TUYAUX POUR RACCORDER DES TUYAUX**

[72] CONRAD, WAYNE ERNEST, CA
[72] CONRAD, NINA, CA
[72] BURKE, BRIAN, CA
[72] VIVIAN, DON, CA
[72] MILLMAN, ALLAN, CA
[71] G.B.D. CORP, BS
[22] 2013-09-27
[41] 2015-03-27

[21] **2,830,568**
[13] A1

[51] **Int.Cl. A01N 47/38 (2006.01) A01N 37/34 (2006.01) A01N 43/653 (2006.01) A01N 47/34 (2006.01) A01P 13/00 (2006.01)**

[25] EN
[54] **QUATERNARY FUNGICIDAL MIXTURE**
[54] **MELANGE FONGICIDE QUATERNAIRE**

[72] LAS, ALLAN S., US
[72] CORBETT, JERRY L., US
[72] MOORE, PAUL R., US
[71] MAKHTESHIM CHEMICAL WORKS LTD., IL
[22] 2013-10-18
[41] 2015-03-25
[30] US (61/882,030) 2013-09-25

[21] **2,829,065**
[13] A1

[51] **Int.Cl. B01D 53/02 (2006.01) C01B 13/02 (2006.01) C01B 21/04 (2006.01)**

[25] EN
[54] **ON-SITE MEDICAL GAS PRODUCTION PLANT AND ASSOCIATED OPERATING METHOD**
[54] **INSTALLATION DE PRODUCTION SUR SITE DE GAZ MEDICAL ET PROCEDE DE FONCTIONNEMENT ASSOCIE**

[72] EDWARDS, PAUL, CA
[71] VITALAIRE CANADA INC., CA
[22] 2013-09-27
[41] 2015-03-27

[21] **2,829,523**
[13] A1

[51] **Int.Cl. E21B 47/007 (2012.01) E21B 44/00 (2006.01)**

[25] EN
[54] **DEVICE FOR MEASURING AND TRANSMITTING DOWNHOLE TENSION**
[54] **DISPOSITIF DE MESURE ET DE TRANSMISSION DE LA TENSION FOND DE TROU**

[72] COLES, RANDOLPH S., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2013-10-07
[41] 2015-03-26
[30] US (14/037,454) 2013-09-26

[21] **2,832,469**
[13] A1

[51] **Int.Cl. B42F 13/26 (2006.01) B42F 3/04 (2006.01)**

[25] EN
[54] **RING BINDER MECHANISM**
[54] **MECANISME DE RELIURE A ANNEAUX**

[72] TO, CHUN YEON, HK
[72] CHENG, HO PING, HK
[71] WORLD WIDE STATIONERY MANUFACTURING COMPANY LIMITED, HK
[22] 2013-11-06
[41] 2015-03-24
[30] US (14/035,459) 2013-09-24

[21] **2,830,276**
[13] A1

[51] **Int.Cl. C11B 11/00 (2006.01) C11B 1/02 (2006.01) C12P 7/02 (2006.01) C12F 3/10 (2006.01) C12P 19/00 (2006.01)**

[25] EN
[54] **METHOD FOR ENHANCING OIL PRODUCTION FROM GRAIN**
[54] **PROCEDE POUR AMELIORER LA PRODUCTION D-HUILE A PARTIR DU GRAIN**

[72] KOZYUK, OLEG, US
[72] REIMERS, PETER, US
[71] ARISDYNE SYSTEMS, INC., US
[22] 2013-10-18
[41] 2015-03-27
[30] US (14/039,483) 2013-09-27

[21] **2,832,952**
[13] A1

[51] **Int.Cl. E04D 13/00 (2006.01) E04D 1/30 (2006.01)**

[25] EN
[54] **SHINGLE INSERTS AND METHOD FOR ELIMINATING AND PREVENTING GROWTH OF ALGAE, MOSS, OR LICHENS ON A ROOF**
[54] **INSERTIONS DE BARDEAU ET PROCEDE POUR ELIMINER ET EMPECHER LA CROISSANCE D-ALGUES, DE MOUSSES OU DE LICHENS SUR UN TOIT**

[72] SPENCER, DAVID (DECEASED), US
[71] THE ESTATE OF DAVID SPENCER (DECEASED), US
[22] 2013-11-13
[41] 2015-03-25
[30] US (14/036,190) 2013-09-25

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[21] **2,835,898**
[13] A1

[51] **Int.Cl. F24F 13/20 (2006.01) F24F 13/02 (2006.01) F24F 13/30 (2006.01) F25B 39/02 (2006.01)**

[25] EN

[54] **ADJUSTABLE TRANSITION FOR BOX EVAPORATOR COILS**

[54] **TRANSITION REGLABLE POUR BOBINES D-EVAPORATEUR A BOITIER**

[72] SANTINI, CLAUDIO, US
[72] RAISSIS, NICHOLAS, US
[71] SANTINI, CLAUDIO, US
[71] RAISSIS, NICHOLAS, US
[22] 2013-12-04
[41] 2015-03-24
[30] US (14/034,861) 2013-09-24

[21] **2,836,356**
[13] A1

[51] **Int.Cl. A47C 27/06 (2006.01) A47C 23/043 (2006.01)**

[25] EN

[54] **HIGH TENSION COIL SPRING STRUCTURE FOR BED MATTRESS HAVING MEANS FOR PREVENTING FRICTION NOISE**

[54] **STRUCTURE A RESSORTS HELICOIDaux A TENSION ELEVEE POUR MATELAS DE LIT AYANT DES MOYENS D-EMPECHER LE BRUIT DE FROTTEMENT**

[72] AHN, YOO SOO, KR
[71] AHN, YOO SOO, KR
[22] 2013-12-09
[41] 2015-03-25
[30] KR (2013-113990) 2013-09-25
[30] KR (2013-115999) 2013-09-30
[30] KR (2013-136458) 2013-11-11

[21] **2,837,666**
[13] A1

[51] **Int.Cl. A01N 47/38 (2006.01) A01N 37/34 (2006.01) A01N 43/653 (2006.01) A01N 47/34 (2006.01) A01P 3/00 (2006.01)**

[25] EN

[54] **QUATERNARY FUNGICIDAL MIXTURE**

[54] **MELANGE FONGICIDE QUATERNAIRE**

[72] LAS, ALLAN S., US
[72] CORBETT, JERRY L., US
[72] MOORE, PAUL R., US
[71] MAKHTESHIM CHEMICAL WORKS LTD., IL
[22] 2013-12-23
[41] 2015-03-25
[30] US (61/882,030) 2013-09-25
[30] CA (2,830,568) 2013-10-18
[30] US (61/901,178) 2013-11-07

[21] **2,837,932**
[13] A1

[51] **Int.Cl. G09F 9/00 (2006.01) H04W 4/00 (2009.01) H04W 84/18 (2009.01) G10L 15/26 (2006.01) H04B 7/26 (2006.01)**

[25] EN

[54] **VOICE RECOGNIZING DIGITAL MESSAGEBOARD SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE TABLEAU DE MESSAGE NUMERIQUE A RECONNAISSANCE VOCALE**

[72] MCGIE, PETER, CA
[71] MCGIE, PETER, CA
[22] 2013-12-24
[41] 2015-03-24
[30] US (61/881,494) 2013-09-24
[30] US (14/133,179) 2013-12-18

[21] **2,838,286**
[13] A1

[51] **Int.Cl. A47B 47/00 (2006.01) A47B 87/00 (2006.01) A47B 96/20 (2006.01) F16B 12/02 (2006.01) F16B 12/44 (2006.01)**

[25] EN

[54] **MODULAR FURNITURE SYSTEM AND MODULAR FURNITURE**

[54] **SYSTEME DE MEUBLE MODULAIRE ET MEUBLE MODULAIRE**

[72] DE LEON VAZQUEZ, EDUARDO, MX
[71] DE LEON VAZQUEZ, EDUARDO, MX
[22] 2013-12-19
[41] 2015-03-26
[30] MX (MX/A.2013/011128) 2013-09-26

[21] **2,844,274**
[13] A1

[51] **Int.Cl. G09F 19/00 (2006.01) H04W 4/00 (2009.01) G09F 9/00 (2006.01) H04L 12/16 (2006.01)**

[25] EN

[54] **VOICE RECOGNIZING DIGITAL MESSAGEBOARD SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE TABLEAU DE MESSAGE NUMERIQUE DE RECONNAISSANCE VOCALE**

[72] MCGIE, PETER, CA
[71] MCGIE, PETER, CA
[22] 2014-03-03
[41] 2015-03-24
[30] US (14/179,989) 2014-02-13
[30] US (14/133,179) 2013-12-18
[30] US (61/881,494) 2013-09-24

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[21] **2,847,769**
[13] A1

[51] **Int.Cl. G09B 7/04 (2006.01) G09B 5/08 (2006.01)**
[25] EN
[54] **AUTOMATED TEACHING SYSTEM USING DECLARATIVE PROBLEM SOLVING APPROACH**
[54] **SYSTEME D~APPRENTISSAGE AUTOMATISE UTILISANT UNE APPROCHE DECLARATIVE EN MATIERE DE RESOLUTION DE PROBLEME**
[72] MIASNIKOV, ALEXEI, US
[72] MYASNIKOV, ALEXEY, US
[71] THE TRUSTEES OF THE STEVENS INSTITUTE OF TECHNOLOGY, US
[22] 2014-03-31
[41] 2015-03-27
[30] US (14/039,505) 2013-09-27

[21] **2,850,827**
[13] A1

[51] **Int.Cl. C12C 13/00 (2006.01) C12C 7/06 (2006.01) C12C 11/00 (2006.01) C12C 13/02 (2006.01) C12G 1/028 (2006.01) C12G 3/00 (2006.01)**
[25] EN
[54] **IMPROVED BREWING METHOD**
[54] **ALUMINIUM ALLOY WITH HIGH ELECTRICAL CONDUCTIVITY**
[72] JANZ, NATHAN ROBERT, CA
[71] JANZ, NATHAN ROBERT, CA
[22] 2014-05-01
[41] 2015-03-28
[30] US (61/883,994) 2013-09-28
[30] US (61/902,510) 2013-11-11
[30] US (61/944,666) 2014-02-26

[21] **2,851,497**
[13] A1

[51] **Int.Cl. B29C 70/16 (2006.01) C08J 5/04 (2006.01)**
[25] EN
[54] **COMPOSITE TEXTILES INCLUDING SPREAD FILAMENTS**
[54] **TEXTILES COMPOSITES COMPRENANT DES FILAMENTS DEPLOYES**
[72] GRIESS, KENNETH H., US
[72] ESPOSITO, JACK J., US
[72] GEORGESON, GARY E., US
[71] THE BOEING COMPANY, US
[22] 2014-05-07
[41] 2015-03-23
[30] US (14/034,456) 2013-09-23

[21] **2,852,082**
[13] A1

[51] **Int.Cl. H02H 3/00 (2006.01) H02B 1/04 (2006.01)**
[25] EN
[54] **POWER SYSTEM INCLUDING A LOAD PANEL PROTECTING A FACILITY FROM A BROKEN OR MISSING NEUTRAL OF A SPLIT PHASE ELECTRICAL DISTRIBUTION CONFIGURATION**
[54] **SYSTEME D'ALIMENTATION COMPORTANT UN PANNEAU DE CHARGE PROTEGEANT UNE INSTALLATION CONTRE UN NEUTRE BRISE OU MANQUANT D'UNE CONFIGURATION DE DISTRIBUTION ELECTRIQUE A PHASE AUXILIAIRE**
[72] FERRI, VINCENT, US
[72] THEADORE, GARRY B., US
[72] LATHROP, TODD M., US
[71] EATON CORPORATION, US
[22] 2014-05-21
[41] 2015-03-24
[30] US (14/035,188) 2013-09-24

[21] **2,852,485**
[13] A1

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[54] **PROCEDES DE REMPLISSAGE DES VIDES DANS LE BOIS ET DE REDUCTION DES DECHETS DANS LA PRODUCTION DE PRODUITS EN BOIS REVETU**
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[72] KARRAS, JAMES GERARD, US
[72] GOEBEL, BENJAMIN JOHN, US
[72] HOPPS, DAVID KEVIN, US
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[54] **CONDUIT ISOLE A CHEMISE D~AIR ET PROCEDE D~UTILISATION**
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[71] FLEXIBLE TECHNOLOGIES, INC., US
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[72] SHERIDAN, WILLIAM G., US
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[72] SCHWARZ, FREDERICK M., US
[72] KUPRATIS, DANIEL BERNARD, US
[72] SUCIU, GABRIEL L., US
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[54] **INTERNAL COMBUSTION ENGINE**
[54] **MOTEUR A COMBUSTION INTERNE**
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[72] OSHITA, TORU, JP
[71] HONDA MOTOR CO., LTD., JP
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 [72] MORI, HIDEMICHI, JP
 [71] HONDA MOTOR CO., LTD., JP
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 [54] **SUPPRESSION DES INTERFERENCES DANS UN SYSTEME DE COMMUNICATION PAR SATELLITE UTILISANT LA FORMATION DE FAISCEAUX A BORD ET LE TRAITEMENT AU SOL**
 [72] VEYSOGLU, MURAT E., US
 [72] KUO, LISA, US
 [71] THE BOEING COMPANY, US
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 [54] **SYSTEMS AND METHODS FOR USE IN COVERING A PORTION OF A FASTENER PROTRUDING FROM A SURFACE**
 [54] **SYSTEMES ET PROCEDES POUR UTILISATION EN VUE DE COUVRIR UNE PARTIE D~UNE PIECE DE FIXATION FAISANT SAILLIE SUR UNE SURFACE**
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 [72] CAMERON, MICHAEL SCOTT, US
 [71] THE BOEING COMPANY, US
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 [54] **ROTOR DE GIRAVION COMPRENANT DES BRAS DE COMMANDE DE PAS PRIMAIRES ET DES BRAS DE COMMANDE SECONDAIRES**
 [72] FILTER, EVAN J., US
 [71] THE BOEING COMPANY, US
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 [72] LUGER, PETER, AT
 [71] INNOVA PATENT GMBH, AT
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 [72] SWITZER, LON E., US
 [72] SIEBERT, FRED P., US
 [71] THE BOEING COMPANY, US
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 [54] **CERTIFICATION DE MACHINE-OUTIL POUR VOLUME DE TRAVAIL DE PIECES PARTICULIERES**
 [72] BLAIS, MARIO, CA
 [72] ST-JACQUES, PHILIPPE, CA
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 [54] **APPAREIL ET PROCEDES POUR FAIRE FONCTIONNER DES PORTES A COMMANDE D~ECOULEMENT LAMINAIRE**
 [72] BIEDSCHEID, RICK A., US
 [71] THE BOEING COMPANY, US
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[54] **TUBE INTERNE A CAVITES PEU PROFONDES OPPOSEES POUR UTILISATION DANS UN POLARISEUR COAXIAL**
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[72] BUNN, CRAIG A., US
[72] MITCHUM GARY L., US
[72] HOOVER, JOHN C., US
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[54] **SYSTEME ET PROCEDE D-ACTIONNEUR DE BORD DE FUITE ADAPTATIF**
[72] MOSER, MATTHEW A., US
[72] FINN, MICHAEL R., US
[71] THE BOEING COMPANY, US
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[13] A1

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[25] EN
[54] **WHILE-IN-USE OUTDOOR COVER WITH RECESSED ELECTRICAL DEVICE**
[54] **COUVERCLE D'EXTERIEUR PENDANT LE FONCTIONNEMENT AVEC APPAREIL ELECTRIQUE ENCASTRE**
[72] JOLLY, ROBERT KEVIN, US
[72] GALLUCCI, PETER J., US
[71] THOMAS & BETTS INTERNATIONAL, INC., US
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[41] 2015-03-23
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[54] **INTERFACE DE COMMANDE POUR DISPOSITIFS DE BORD D-ATTAQUE ET DE BORD DE FUITE**
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[54] **STACKED TRAY BALL DROPPER FOR SUBTERRANEAN FRACKING OPERATIONS**
[54] **OUTIL DE LARGAGE DE BOULETS A PLATEAUX EMPILES POUR OPERATIONS DE FRACTIONNEMENT SOUTERRAINES**
[72] HUNT, JAY J., US
[71] BAKER HUGHES INCORPORATED, US
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[41] 2015-03-27
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[54] **SYSTEME ET PROCEDE POUR REDUIRE LA DISTANCE D'ARRET D'UN AERONEF**
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[72] LEOPOLD, DAVID D., US
[72] FINN, MICHAEL R., US
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[25] EN

[54] **SYSTEMS AND METHODS FOR USE IN COVERING A PORTION OF A FASTENER PROTRUDING FROM A SURFACE**

[54] **SYSTEMES ET PROCEDES POUR UTILISATION EN VUE DE COUVRIR UNE PARTIE D'UNE PIECE DE FIXATION FAISANT SAILLIE SUR UNE SURFACE**

[72] CAMERON, MICHAEL SCOTT, US

[72] RAWDON, BLAINE KNIGHT, US

[71] THE BOEING COMPANY, US

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[41] 2015-03-23

[30] US (14/034140) 2013-09-23

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[54] **ROUGH TERRAIN VEHICLE**

[54] **VEHICULE TOUT TERRAIN**

[72] YOSHINA, HIROKI, JP

[72] UCHIYAMA, HAJIME, JP

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[41] 2015-03-27

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[51] **Int.Cl. H02G 3/08 (2006.01) F21S 8/02 (2006.01) H02G 3/12 (2006.01)**

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[54] **MOUNTABLE CONNECTOR BOX FOR ELECTRICAL DEVICE**

[54] **BOITE DE CONNEXION MONTABLE POUR APPAREIL ELECTRIQUE**

[72] SCHMITT, ROBERT, US

[72] JESWANI, ANIL, US

[72] HUANG, ZHIMING, CN

[71] OSRAM SYLVANIA INC., US

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[54] **DIMMER SWITCH**

[54] **GRADATEUR**

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[72] UZAKI, MASAYUKI, JP

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

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[54] **PROCEDE DE MONTAGE DE PRISES DE PRESSION SUR LA PEAU D'UN AERONEF**

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[72] ARRUTI, CHRISTOPHE, FR

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[54] **SYSTEME D'ALARME DE RESEAU A ANALYSE DE CHUTE UTILISANT UNE FIBRE DE DETECTION UNIQUE**

[72] MURPHY, CARY R., US

[72] BRIDGES, MARK K., US

[72] VOKEY, DAVID E., CA

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[54] **CONTENANT PLIABLE**

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[72] HECKLER, REID, US

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[25] EN

[54] **METHOD AND APPARATUS FOR IMPROVED RESOURCE ALLOCATION IN AD HOC GROUP CALLS**

[54] **PROCEDE ET APPAREIL POUR ALLOCATION DE RESSOURCES AMELIOREE DANS LES APPELS DE GROUPE AD HOC**

[72] MEHROTRA, VIKAS, US

[72] PAI, MADHUSUDAN K., IN

[71] MOTOROLA SOLUTIONS, INC., US

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[54] **SKIRTED HERNIA REPAIR DEVICE**

[54] **DISPOSITIF DE REPARATION DE HERNIE CHEMISE**

[72] RUSSO, MARK, US

[72] WORTHINGTON, RAYLENE, US

[71] COVIDIEN LP, US

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[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVING EFFICIENCY OF ELECTROSURGICAL GENERATORS**
[54] **SYSTEMES ET PROCESSES POUR AMELIORER L'EFFICACITE DE GENERATEURS ELECTROCHIRURGICAUX**
[72] GILBERT, JAMES A., US
[72] JOHNSTON, MARK, US
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[54] **SYSTEME DE RETENUE COMPRENANT UN SYSTEME DE DETECTION RFID EN CHAMP PROCHE**
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[72] VANCE, JONATHAN B., US
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[13] A1

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[25] EN
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[72] NORMAN, NICHOLAS A., US
[71] THE BOEING COMPANY, US
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[54] **SERINGUE A PROFONDEUR DE PENETRATION REGLABLE**
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[72] SRINIVASAN, SUDARSAN, US
[72] ANDREONI, TODD, US
[72] ROSEN, EDWARD J., US
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[72] FRANZ, RENE FERNANDEZ, US
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[54] **SYSTEMES ET PROCESSES POUR ESTIMER DES PARAMETRES DE TISSUS AU MOYEN DE DISPOSITIFS CHIRURGICAUX**
[72] WHAM, ROBERT H., US
[71] COVIDIEN LP, US
[22] 2014-08-29
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[51] **Int.Cl. F01D 5/18 (2006.01) F01D 9/02 (2006.01) F01D 25/12 (2006.01)**
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[72] PAPPLE, MICHAEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[41] 2015-03-26
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[25] EN
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[71] PRATT & WHITNEY CANADA CORP., CA
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[13] A1

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[25] EN
[54] **GLASS LAMINATE COMPRISING AT LEAST ONE SHAPED PART MADE OF METAL**
[54] **STRATIFIE DE VERRE COMPRENANT AU MOINS UNE PARTIE FACONNEE FAITE EN METAL**
[72] KRUGMANN, ROLAND, DE
[72] KASSNEL-HENNEBERG, BRUNO, DE
[71] GLAS TROSCH HOLDING AG, CH
[22] 2014-08-27
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 [25] EN
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 [54] **BOULON POUR ROTOR DE TURBINE A GAZ**
 [72] WARIKOO, RAMAM, CA
 [72] PLATONOV, SERGEY, RU
 [71] PRATT & WHITNEY CANADA CORP., CA
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 [54] **SYSTEME SECURISE ET PROCEDE DE TRAITEMENT AUDIO**
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 [72] COGLEY, DAVID J., US
 [71] CASHIN, JAMES A., US
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 [30] US (14/038,762) 2013-09-27

[21] **2,861,910**
[13] A1

[51] **Int.Cl. B23D 49/10 (2006.01)**
 [25] EN
 [54] **SAW BLADE**
 [54] **LAME DE SCIE**
 [72] OKADA, TAMOTSU, JP
 [71] KABUSHIKI KAISHA OKADA KINZOKU KOGYOSHO, JP
 [22] 2014-09-04
 [41] 2015-03-27
 [30] JP (2013-200945) 2013-09-27
 [30] JP (2014-009136) 2014-01-22

[21] **2,861,915**
[13] A1

[51] **Int.Cl. A61F 2/30 (2006.01) A61B 17/56 (2006.01)**
 [25] EN
 [54] **MODULAR ARTICULAR SPACER SYSTEM**
 [54] **SYSTEME D-ESPACEMENT ARTICULAIRE MODULAIRE**
 [72] VOGT, SEBASTIAN, DE
 [71] HERAEUS MEDICAL GMBH, DE
 [22] 2014-09-04
 [41] 2015-03-27
 [30] DE (10 2013 219 656.3) 2013-09-27

[21] **2,861,981**
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/94 (2006.01) A61F 2/02 (2006.01)**
 [25] EN
 [54] **MESH DEPLOYMENT DEVICES AND KITS**
 [54] **DISPOSITIFS DE DEPLOIEMENT DE TREILLIS ET NECESSAIRES**
 [72] KELLY, WILLIAM T., US
 [72] ICEMAN, JASON T., US
 [72] BREINDEL, JAY, US
 [72] CARLSON, ERIK, US
 [72] WENCHELL, THOMAS, US
 [72] CLOUTIER, KAYLA, US
 [72] REARDON, SHANE, US
 [71] COVIDIEN LP, US
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 [41] 2015-03-26
 [30] US (61/882,914) 2013-09-26
 [30] US (61/882,907) 2013-09-26
 [30] US (61/882,883) 2013-09-26
 [30] US (62/025,686) 2014-07-17
 [30] US (62/025,674) 2014-07-17
 [30] US (62/025,663) 2014-07-17
 [30] US (14/458,555) 2014-08-13

[21] **2,862,226**
[13] A1

[51] **Int.Cl. B26B 21/22 (2006.01)**
 [25] EN
 [54] **A SHAVING BLADE CARTRIDGE**
 [54] **CARTOUCHE DE LAME DE RASAGE**
 [72] EFTHIMIADIS, DIMITRIOS, GR
 [72] GEORGAKIS, GEORGIOS, GR
 [71] BIC-VIOLEX SA, GR
 [22] 2014-09-04
 [41] 2015-03-25
 [30] EP (13185994.4) 2013-09-25

[21] **2,862,370**
[13] A1

[51] **Int.Cl. A61K 36/18 (2006.01) A23L 1/212 (2006.01) A23L 1/29 (2006.01) A61P 3/02 (2006.01)**
 [25] EN
 [54] **COMPOSITIONS CONTAINING MYRISTICA FRAGRANS**
 [54] **COMPOSITIONS CONTENANT DU MYRISTICA FRAGRANS**
 [72] BASHIR, RAZA, CA
 [72] APONG, PHIL, CA
 [72] LYTVYN, ANNA, CA
 [71] NORTHERN INNOVATIONS HOLDING CORP., CA
 [22] 2014-09-09
 [41] 2015-03-25
 [30] US (14/036,097) 2013-09-25

[21] **2,862,397**
[13] A1

[51] **Int.Cl. F01D 25/24 (2006.01) F01D 25/28 (2006.01) F02C 7/04 (2006.01)**
 [25] EN
 [54] **GAS TURBINE ENGINE INLET ASSEMBLY AND METHOD OF MAKING SAME**
 [54] **ENSEMBLE D-ADMISSION DE TURBINE A GAZ ET SON PROCEDE DE FABRICATION**
 [72] ELEFThERIOU, ANDREAS, CA
 [71] PRATT & WHITNEY CANADA CORP., CA
 [22] 2014-09-05
 [41] 2015-03-25
 [30] US (14/036,994) 2013-09-25

[21] **2,862,401**
[13] A1

[51] **Int.Cl. B22F 3/12 (2006.01)**
 [25] EN
 [54] **METHOD OF CREATING A SURFACE TEXTURE**
 [54] **PROCEDE DE CREATION D-UNE TEXTURE DE SURFACE**
 [72] CAMPOMANES, MARC, CA
 [72] SCALZO, ORLANDO, CA
 [72] POITRAS, GUILLAUME, CA
 [71] PRATT & WHITNEY CANADA CORP., CA
 [22] 2014-09-05
 [41] 2015-03-27
 [30] US (14/039,336) 2013-09-27

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[21] **2,862,600**
[13] A1

[51] **Int.Cl. C21D 6/02 (2006.01)**
[25] EN
[54] **PRECIPITATION HARDENING STEEL WITH IMPROVED TOUGHNESS AND METHOD**
[54] **ACIER TREMPE PAR PRECIPITATION A TENACITE AMELIOREE ET PROCEDE ASSOCIE**
[72] FLETCHER, COLIN, US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2014-09-10
[41] 2015-03-26
[30] US (14/038,229) 2013-09-26

[21] **2,862,629**
[13] A1

[51] **Int.Cl. B60R 1/04 (2006.01) B60R 1/08 (2006.01) B60R 11/04 (2006.01)**
[25] EN
[54] **MIRROR MONITOR USING TWO LEVELS OF REFLECTIVITY**
[54] **ECRAN DE MIROIR UTILISANT DEUX NIVEAUX DE REFLECTIVITE**
[72] ENGLANDER, BENJAMIM, US
[72] SERER, JULIAN, US
[72] PLATE, PETER, US
[72] BALSAM, GARY, US
[71] ROSCO INC., US
[22] 2014-09-10
[41] 2015-03-24
[30] US (61/881,712) 2013-09-24

[21] **2,862,943**
[13] A1

[51] **Int.Cl. F25B 47/02 (2006.01) F25B 49/02 (2006.01)**
[25] EN
[54] **USING WEATHER DATA IN HEAT PUMP DEFROST CONTROL**
[54] **UTILISATION DE DONNEES METEOROLOGIQUES DANS LA COMMANDE DE DEGIVRAGE DE POMPES A CHALEUR**
[72] QU, YI, US
[72] HREJSA, PETE, US
[71] LENNOX INDUSTRIES INC., US
[22] 2014-09-10
[41] 2015-03-27
[30] US (14/040,069) 2013-09-27

[21] **2,862,958**
[13] A1

[51] **Int.Cl. H04W 4/12 (2009.01) B64D 47/00 (2006.01) H04B 7/26 (2006.01)**
[25] EN
[54] **A METHOD TO FACILITATE RETRIEVING AN ALL READY REVIEWED DATALINK MESSAGE FOR REVIEW AGAIN**
[54] **PROCEDE FACILITANT LA RECUPERATION D~UN MESSAGE DE LIAISON DE DONNEES DEJA REVISE POUR REVISION A NOUVEAU**
[72] MCGUFFIN, THOMAS F., US
[72] JUDD, THOMAS D., US
[72] HE, XIAOZHONG, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2014-09-08
[41] 2015-03-24
[30] US (14/034,853) 2013-09-24

[21] **2,863,305**
[13] A1

[51] **Int.Cl. A47C 27/06 (2006.01) A47C 23/043 (2006.01) F16F 1/06 (2006.01)**
[25] EN
[54] **HIGH TENSION COIL SPRING FOR BED MATTRESS HAVING MEANS FOR PREVENTING FRICTIONAL NOISE**
[54] **STRUCTURE A RESSORTS HELICOIDAUX A TENSION ELEVEE POUR MATELAS DE LIT AYANT DES MOYENS D~EMPECHER LE BRUIT DE FROTTEMENT**
[72] AHN, YOO SOO, KR
[71] AHN, YOO SOO, KR
[22] 2014-09-11
[41] 2015-03-25
[30] KR (10-2013-0116000) 2013-09-30
[30] KR (10-2013-0113991) 2013-09-25

[21] **2,863,335**
[13] A1

[51] **Int.Cl. F01N 9/00 (2006.01) F01N 3/20 (2006.01) F02D 41/14 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING CATALYST DEACTIVATION AND CONTROLLING AN AIR/FUEL RATIO**
[54] **SYSTEMES ET PROCEDES POUR SURVEILLER LA DESACTIVATION DU CATALYSEUR ET COMMANDER UN RAPPORT AIR/CARBURANT**
[72] DEVARAKONDA, MARUTHI, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2014-09-11
[41] 2015-03-26
[30] US (14/038,014) 2013-09-26

[21] **2,863,337**
[13] A1

[51] **Int.Cl. B64C 11/20 (2006.01) B63H 7/02 (2006.01)**
[25] EN
[54] **PROPELLER BLADE ASSEMBLY**
[54] **ENSEMBLE PALES D~HELICE**
[72] PENTONY, KEVIN MICHAEL JOHN, BV
[71] GE AVIATION SYSTEMS LIMITED, GB
[22] 2014-09-11
[41] 2015-03-26
[30] GB (1317101.2) 2013-09-26

[21] **2,863,338**
[13] A1

[51] **Int.Cl. G01D 7/04 (2006.01) G01M 17/00 (2006.01)**
[25] EN
[54] **METHOD OF DISPLAYING A PARAMETER**
[54] **PROCEDE D~AFFICHAGE D~UN PARAMETRE**
[72] GREEN, DONNA LOUISE, GB
[72] LARDER, BRIAN DAVID, GB
[72] SMITH, ANDREW JAMES, GB
[72] KNIGHT, PETER ROBIN, GB
[71] GE AVIATION SYSTEMS LIMITED, GB
[22] 2014-09-11
[41] 2015-03-26
[30] GB (1317111.1) 2013-09-26

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[21] **2,863,340**
[13] A1

[51] **Int.Cl. B64C 11/04 (2006.01) B64C 11/06 (2006.01)**
[25] EN
[54] **PROPELLER ASSEMBLY AND PROPELLER BLADE RETENTION ASSEMBLY**
[54] **ENSEMBLE HELICE ET ENSEMBLE DE RETENUE DE PALES D~HELICE**
[72] BURFORD, DARYL JOHN, GB
[71] GE AVIATION SYSTEMS LIMITED, GB
[22] 2014-09-11
[41] 2015-03-26
[30] GB (1317107.9) 2013-09-26

[21] **2,863,690**
[13] A1

[51] **Int.Cl. H02K 15/03 (2006.01) H02K 1/27 (2006.01)**
[25] EN
[54] **PERMANENT MAGNET ROTOR SHAFT ASSEMBLY AND METHOD**
[54] **ASSEMBLAGE D~ARBRE DE ROTOR A AIMANT PERMANENT ET PROCEDE ASSOCIE**
[72] LATEB, RAMDANE, FR
[72] DA SILVA, JOAQUIM, FR
[71] SKF MAGNETIC MECHATRONICS, FR
[22] 2014-09-17
[41] 2015-03-26
[30] EP (13306322.2) 2013-09-26

[21] **2,863,697**
[13] A1

[51] **Int.Cl. H01R 27/02 (2006.01) H01R 4/66 (2006.01) H02G 15/08 (2006.01)**
[25] EN
[54] **PERMANENT GROUND POINT FOR SPLICING CONNECTORS**
[54] **POINT DE MISE A LA TERRE PERMANENT POUR CONNECTEURS A EPISSURES**
[72] SIEBENS, LARRY N., US
[72] HERNANDEZ, CARLOS H., US
[71] THOMAS & BETTS INTERNATIONAL, LLC, US
[22] 2014-09-16
[41] 2015-03-25
[30] US (61/882,293) 2013-09-25
[30] US (14/483,958) 2014-09-11

[21] **2,863,758**
[13] A1

[51] **Int.Cl. G02C 7/02 (2006.01) H04W 84/18 (2009.01) H04W 88/02 (2009.01) G02C 7/04 (2006.01)**
[25] EN
[54] **OPHTHALMIC LENS SYSTEM CAPABLE OF WIRELESS COMMUNICATION WITH MULTIPLE EXTERNAL DEVICES**
[54] **SYSTEME DE LENTILLES OPHTALMIQUES POUVANT ASSURER UNE COMMUNICATION SANS FIL AVEC DE MULTIPLES DISPOSITIFS EXTERNES**
[72] PUGH, RANDALL BRAXTON, US
[72] TONER, ADAM, US
[72] PUTT, KARSON S., US
[72] HIGHAM, CAMILLE A., US
[72] SNOOK, SHARIKA, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2014-09-18
[41] 2015-03-23
[30] US (14/033,927) 2013-09-23

[21] **2,863,794**
[13] A1

[51] **Int.Cl. A61B 17/34 (2006.01) A61M 39/02 (2006.01)**
[25] EN
[54] **FLEXIBLE CANNULA AND OBTURATOR**
[54] **CANULE FLEXIBLE ET OBTURATEUR**
[72] WHITTAKER, GREGORY R., US
[72] BITTENSON, STEVEN N., US
[72] MCALISTER, GARY, US
[71] DEPUY MITEK, LLC, US
[22] 2014-09-17
[41] 2015-03-27
[30] US (14/039,337) 2013-09-27

[21] **2,863,880**
[13] A1

[51] **Int.Cl. A61K 36/46 (2006.01) A23G 1/42 (2006.01) A23G 1/48 (2006.01) A61P 15/12 (2006.01)**
[25] EN
[54] **EUCOMMIA ULMOIDES-CONTAINING CHOCOLATE COMPOSITIONS**
[54] **COMPOSITIONS DE CHOCOLAT CONTENANT DE L'EUCOMMIA ULMOIDES**
[72] KHANG, DAVID TAE-WON, CA
[71] PLATINUM NATURALS LTD., CA
[22] 2014-09-18
[41] 2015-03-24
[30] US (61/881,521) 2013-09-24

[21] **2,863,888**
[13] A1

[51] **Int.Cl. A61B 17/56 (2006.01) A61B 17/04 (2006.01) A61F 2/00 (2006.01) A61F 2/08 (2006.01)**
[25] EN
[54] **TISSUE FIXATION SYSTEM WITH AUXILIARY PLATE**
[54] **SYSTEME DE FIXATION DE TISSUS AVEC PLAQUE AUXILIAIRE**
[72] SPENCINER, DAVID B., US
[71] DEPUY MITEK, LLC, US
[22] 2014-09-17
[41] 2015-03-27
[30] US (14/039,494) 2013-09-27

[21] **2,863,895**
[13] A1

[51] **Int.Cl. C10M 163/00 (2006.01) C10M 129/08 (2006.01) C10M 129/90 (2006.01) C10M 159/20 (2006.01)**
[25] EN
[54] **A FUEL ECONOMY ENGINE OIL COMPOSITION**
[54] **COMPOSITION D'HUILE MOTEUR PERMETTANT UNE ECONOMIE DE CARBURANT**
[72] USHIDO, NOBUO, JP
[71] CHEVRON JAPAN LTD., JP
[22] 2014-09-17
[41] 2015-03-23
[30] US (61/881249) 2013-09-23

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[21] **2,864,039**
[13] A1

[51] **Int.Cl. G06Q 30/00 (2012.01) G06T 1/00 (2006.01)**
[25] EN
[54] **AUTOMATED IMAGING OF CUSTOMIZABLE PRODUCTS**
[54] **IMAGERIE AUTOMATISEE DE PRODUITS PERSONNALISABLES**
[72] HARVILL, LESLIE YOUNG, US
[72] BEAVER, ROBERT IRVEN, III, US
[71] ZAZZLE INC., US
[22] 2014-09-18
[41] 2015-03-24
[30] US (61/881,914) 2013-09-24
[30] US (14/243,840) 2014-04-02

[21] **2,864,203**
[13] A1

[51] **Int.Cl. C09K 8/68 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **HYDRAULIC FRACTURING METHOD AND FLUID INCLUDING IN-SITU BORON-LADEN PRODUCED WATERS**
[54] **PROCEDE ET FLUIDE DE FRACTURATION HYDRAULIQUE COMPRENANT DES EAUX CHARGEES DE BORE PRODUITES SUR PLACE**
[72] HARRY, DAVID N., US
[72] MALEKAHMADI, FATI, US
[72] GALLAGHER, CHRISTOPHER, US
[71] ROCKWATER ENERGY SOLUTIONS, US
[22] 2014-09-18
[41] 2015-03-27
[30] US (14/039,510) 2013-09-27

[21] **2,864,221**
[13] A1

[51] **Int.Cl. A41D 19/015 (2006.01) B29D 99/00 (2010.01) A41D 13/08 (2006.01) A41D 19/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING THIN FILM GLOVES USING THE CUTTING AND SEALING PROCESS AND GLOVE PRODUCED THEREFROM**
[54] **PROCEDE DE PRODUCTION DE GANTS EN FILM MINCE UTILISANT LE PROCEDE DE DECOUPAGE ET DE SCELLAGE ET GANTS PRODUITS PAR LEDIT PROCEDE**
[72] TAO, JIAN, US
[71] FOODHANDLER, INC., US
[22] 2014-09-19
[41] 2015-03-27
[30] US (14/039,702) 2013-09-27

[21] **2,864,309**
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF SUPPLIER QUALITY MANAGEMENT**
[54] **SYSTEMES ET PROCEDES DE GESTION DE LA QUALITE DES FOURNISSEURS**
[72] FAINOR, JUDITH A., US
[72] LARESCH, DINA, US
[72] HARTMANN, DAVID J., US
[71] SPARTA SYSTEMS, INC., US
[22] 2014-09-22
[41] 2015-03-25
[30] US (14/036,716) 2013-09-25

[21] **2,864,317**
[13] A1

[51] **Int.Cl. A61B 17/88 (2006.01) A61B 17/70 (2006.01) A61B 17/86 (2006.01)**
[25] EN
[54] **LUMBAR-SACRAL SCREW INSERTION AND MANIPULATION**
[54] **INSERTION ET MANIPULATION DE VIS SACRO-LOMBAIRES**
[72] REITBLAT, ABRAM, US
[72] KRAUSE, STEVEN, US
[71] STRYKER SPINE, FR
[22] 2014-09-18
[41] 2015-03-23
[30] US (14/034,021) 2013-09-23

[21] **2,864,320**
[13] A1

[51] **Int.Cl. G01N 27/413 (2006.01)**
[25] EN
[54] **GAS SENSOR USING AN IONIC LIQUID ELECTROLYTE**
[54] **CAPTEUR DE GAZ UTILISANT UN ELECTROLYTE LIQUIDE IONIQUE**
[72] CHAPPLES, JOHN, US
[72] JONES, MARTIN GEOFFREY, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2014-09-12
[41] 2015-03-26
[30] US (14/037,959) 2013-09-26

[21] **2,864,325**
[13] A1

[51] **Int.Cl. B01J 21/06 (2006.01) B01J 35/02 (2006.01) B01J 37/10 (2006.01)**
[25] EN
[54] **NANOSTRUCTURED TITANIA CATALYST WITH STABILIZED ACIDITY AND PROCESS THEREOF**
[54] **CATALYSEUR AU TITANE NANOSTRUCTURE AVEC ACIDITE STABILISEE ET PROCEDE DE CELUI-CI**
[72] CASTILLO CERVANTES, SALVADOR, MX
[72] MEJIA CENTENO, ISIDRO, MX
[72] MARIN CRUZ, JESUS, MX
[72] GALICIA GOMEZ, POLICARPO, MX
[72] CAMPOS SOLIS, ROBERTO, MX
[71] INSTITUTO MEXICANO DEL PETROLEO, MX
[22] 2014-09-19
[41] 2015-03-25
[30] MX (MX/A/2013/011005) 2013-09-25

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[21] **2,864,351**
[13] A1

[51] **Int.Cl. G06Q 10/00 (2012.01) G06F 3/14 (2006.01)**
[25] EN
[54] **PRESENTATION AND ANALYSIS OF USER INTERACTION DATA**
[54] **PRESENTATION ET ANALYSE DE DONNEES D'INTERACTION D'UTILISATEUR**
[72] DUFFIELD, BEN, US
[72] STOWE, GEOFF, US
[72] SHANKAR, ANKIT, US
[71] PALANTIR TECHNOLOGIES, INC., US
[22] 2014-09-23
[41] 2015-03-24
[30] US (14/035,889) 2013-09-24

[21] **2,864,353**
[13] A1

[51] **Int.Cl. H01M 2/16 (2006.01) H01M 10/12 (2006.01)**
[25] EN
[54] **BATTERY SEPARATOR HAVING IMPROVED WETTABILITY AND METHODS OF USE THEREFOR**
[54] **SEPARATEUR DE BATTERIE OFFRANT UNE MOUILLABILITE AMELIOREE ET PROCEDES D-UTILISATION DE CELUI-CI**
[72] GUO, ZHIHUA, US
[72] NANDI, SOUVIK, US
[72] ASRAR, JAWED, US
[72] DIETZ, ALBERT G., III, US
[71] JOHNS MANVILLE, US
[22] 2014-09-18
[41] 2015-03-26
[30] US (14/037,755) 2013-09-26

[21] **2,864,364**
[13] A1

[51] **Int.Cl. E06B 9/36 (2006.01) E06B 9/26 (2006.01)**
[25] EN
[54] **FLEXIBLE TAPE FOR GUIDING THE RETRACTABLE COVERING MATERIAL ON A VERTICAL SHADE**
[54] **RUBAN FLEXIBLE POUR GUIDER LE MATERIAU DE RECOUVREMENT RETRACTABLE SUR UN STORE VERTICAL**
[72] THOMPSON, EUGENE W., US
[72] FISHER, ROBERT E., II, US
[71] HUNTER DOUGLAS INC., US
[22] 2014-09-23
[41] 2015-03-24
[30] US (61/881,639) 2013-09-24
[30] US (14/468,460) 2014-08-26

[21] **2,864,498**
[13] A1

[51] **Int.Cl. H01M 10/058 (2010.01) H01M 10/44 (2006.01)**
[25] EN
[54] **LITHIUM-SULFUR BATTERY AND METHODS OF PREVENTING INSOLUBLE SOLID LITHIUM-POLYSULFIDE DEPOSITION**
[54] **BATTERIE AU LITHIUM-SOUFFRE ET PROCEDES DE PREVENTION D-UN DEPOT DE LITHIUM-POLYSULFIDE SOLIDE NON SOLUBLE**
[72] THILLAIYAN, RAMANATHAN, US
[72] FU, WUJUN, US
[72] DESTEPHEN, MARIO, US
[72] MILLER, GREG, US
[72] NDZEBET, ERNEST, US
[72] JANAKIRAMAN, UMAMAHESWARI, US
[71] EAGLEPICHER TECHNOLOGIES, LLC, US
[22] 2014-09-24
[41] 2015-03-26
[30] US (14/038,337) 2013-09-26

[21] **2,864,502**
[13] A1

[51] **Int.Cl. H01M 10/44 (2006.01) H01M 10/05 (2010.01) H01M 10/36 (2010.01) H01M 4/66 (2006.01)**
[25] EN
[54] **LITHIUM-SULFUR BATTERY AND METHODS OF REDUCING INSOLUBLE SOLID LITHIUM-POLYSULFIDE DEPOSITION**
[54] **BATTERIE AU LITHIUM-SOUFFRE ET PROCEDES DE REDUCTION D-UN DEPOT DE LITHIUM-POLYSULFIDE SOLIDE NON SOLUBLE**
[72] THILLAIYAN, RAMANATHAN, US
[72] FU, WUJUN, US
[72] DESTEPHEN, MARIO, US
[72] MILLER, GREG, US
[71] EAGLEPICHER TECHNOLOGIES, LLC, US
[22] 2014-09-24
[41] 2015-03-26
[30] US (14/037,993) 2013-09-26

[21] **2,864,511**
[13] A1

[51] **Int.Cl. F01N 13/08 (2010.01) F01N 3/00 (2006.01)**
[25] EN
[54] **STEPPED DOWN AFTERTREATMENT DEVICE SHROUD**
[54] **ENVELOPPE DE DISPOSITIF APRES TRAITEMENT ETAGEE**
[72] WANG, XIJUN, US
[72] CHOUDARY, NITHIN, US
[72] MATTSON, MARK L., US
[71] DEERE & COMPANY, US
[22] 2014-09-23
[41] 2015-03-27
[30] US (14/038,923) 2013-09-27

[21] **2,864,533**
[13] A1

[51] **Int.Cl. F28F 3/08 (2006.01) F28F 3/12 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER ELEMENT OF LARGE SURFACE**
[54] **ELEMENT ECHANGEUR DE CHALEUR D-UNE GRANDE SURFACE**
[72] BETTI, GIUSEPPE, BR
[71] BETTI, GIUSEPPE, BR
[22] 2014-09-25
[41] 2015-03-25
[30] BR (10 2013 024535.6) 2013-09-25

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[21] **2,864,544**
[13] A1

[51] **Int.Cl. E21B 10/567 (2006.01) B25J 9/00 (2006.01) B25J 19/04 (2006.01)**
[25] EN
[54] **POLYCRYSTALLINE DIAMOND COMPACT BIT MANUFACTURING**
[54] **FABRICATION DE MECHE COMPACTES EN DIAMANT POLYCRISTALLIN**
[72] DOURFAYE, ALFAZAZI, FR
[72] THIGPEN, GARY M., US
[71] VAREL EUROPE S.A.S., FR
[22] 2014-09-22
[41] 2015-03-27
[30] US (14/040,286) 2013-09-27

[21] **2,864,545**
[13] A1

[51] **Int.Cl. E21B 47/007 (2012.01) E21B 44/00 (2006.01) E21B 47/12 (2012.01) E21B 47/02 (2006.01) E21B 47/09 (2012.01)**
[25] EN
[54] **DRILLING SYSTEM AND ASSOCIATED SYSTEM AND METHOD FOR MONITORING, CONTROLLING, AND PREDICTING VIBRATION IN AN UNDERGROUND DRILLING OPERATION**
[54] **SYSTEME DE FORAGE ET SYSTEME ET PROCEDE ASSOCIES POUR SURVEILLER, CONTROLER ET PREVOIR LA VIBRATION DANS UNE OPERATION DE FORAGE SOUTERRAINE**
[72] WASSELL, MARK ELLSWORTH, US
[71] APS TECHNOLOGY, INC., US
[22] 2014-09-23
[41] 2015-03-25
[30] US (14/036,577) 2013-09-25

[21] **2,864,549**
[13] A1

[51] **Int.Cl. E21B 47/007 (2012.01) E21B 47/12 (2012.01)**
[25] EN
[54] **DRILLING SYSTEM AND ASSOCIATED SYSTEM AND METHOD FOR MONITORING, CONTROLLING, AND PREDICTING VIBRATION IN AN UNDERGROUND DRILLING OPERATION**
[54] **SYSTEME DE FORAGE ET SYSTEME ET PROCEDE ASSOCIES POUR SURVEILLER, CONTROLER ET PREVOIR LA VIBRATION DANS UNE OPERATION DE FORAGE SOUTERRAINE**
[72] WASSELL, MARK ELLSWORTH, US
[71] APS TECHNOLOGY, INC., US
[22] 2014-09-23
[41] 2015-03-25
[30] US (14/036,486) 2013-09-25

[21] **2,864,561**
[13] A1

[51] **Int.Cl. A23K 1/10 (2006.01) A23K 1/18 (2006.01) A23P 1/10 (2006.01)**
[25] EN
[54] **HIGH MEAT PET FOOD TREATS**
[54] **FRIANDISES POUR ANIMAUX DE COMPAGNIE A HAUTE TENEUR EN VIANDE**
[72] SEGUIN, KARI, CA
[71] NORMERICA INC., CA
[22] 2014-09-18
[41] 2015-03-23
[30] US (61/881,306) 2013-09-23

[21] **2,864,563**
[13] A1

[51] **Int.Cl. G01R 33/30 (2006.01)**
[25] EN
[54] **HYPERPOLARIZED MEDIA TRANSPORT VESSEL**
[54] **NAVIRE DE TRANSPORT D~UNE SUBSTANCE HYPERPOLARISEE**
[72] SKLOSS, TIMOTHY WILLIAM, US
[72] MURRAY, JONATHAN ALAN, US
[72] ARDENKJAER LARSEN, JAN HENRIK, US
[72] CHERUKURI, MURALI KRISHNA, US
[72] BERNARDO, MARCELINO, US
[72] DEVASAHAYAM, NALLATHAMBY, US
[71] GENERAL ELECTRIC COMPANY, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[22] 2014-09-18
[41] 2015-03-27
[30] US (14/038,948) 2013-09-27

[21] **2,864,571**
[13] A1

[51] **Int.Cl. B60W 10/04 (2006.01) B60W 10/30 (2006.01)**
[25] EN
[54] **INDUSTRIAL VEHICLE**
[54] **VEHICULE INDUSTRIEL**
[72] KOIDE, YUKIKAZU, JP
[72] KATO, NORIHIKO, JP
[71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[22] 2014-09-18
[41] 2015-03-27
[30] JP (2013-201770) 2013-09-27

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[21] **2,864,587**
[13] A1

[51] **Int.Cl. F21V 21/03 (2006.01) F21V 29/503 (2015.01) F21S 8/02 (2006.01) F21V 17/00 (2006.01) F21V 23/06 (2006.01)**

[25] EN

[54] **RECESSED MINI-CAN LIGHTING ASSEMBLY**

[54] **ENSEMBLE D'ECLAIRAGE A BOITIER MINIATURE ENCASTRE**

[72] COOPER, JAMES A., CA

[72] KUAN, HON MAN, CN

[71] CANARM LTD., CA

[22] 2014-09-18

[41] 2015-03-23

[30] US (61/881,162) 2013-09-23

[21] **2,864,621**
[13] A1

[51] **Int.Cl. H04N 21/258 (2011.01) H04H 60/33 (2009.01)**

[25] EN

[54] **DATA TRANSLATION FOR VIDEO-VIEWING ACTIVITY**

[54] **TRADUCTION DE DONNEES POUR ACTIVITE DE VISIONNEMENT DE VIDEO**

[72] ORLOWSKI, ROBERT ALAN, US

[71] COMCAST CABLE COMMUNICATIONS, LLC, US

[22] 2014-09-24

[41] 2015-03-25

[30] US (14/037,352) 2013-09-25

[21] **2,864,622**
[13] A1

[51] **Int.Cl. E04H 12/22 (2006.01)**

[25] EN

[54] **POLE MOUNTING SYSTEM**

[54] **SYSTEME DE FIXATION DE POTEAU**

[72] WALKER, DAVID ERIC, CA

[71] GLP DUNDAS INC., CA

[22] 2014-09-25

[41] 2015-03-27

[30] US (14/039986) 2013-09-27

[21] **2,864,653**
[13] A1

[51] **Int.Cl. B60R 11/04 (2006.01) G08B 21/02 (2006.01) G08G 1/017 (2006.01) G08G 1/052 (2006.01) G08G 1/054 (2006.01)**

[25] EN

[54] **STOP VIOLATION DETECTION SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE DETECTION POUR ARRET DE VIOLATION**

[72] ARPIN, BILL, US

[72] PIKKARAINEN, MARK, US

[71] COMTROL CORPORATION, US

[22] 2014-09-22

[41] 2015-03-22

[30] US (61/880966) 2013-09-22

[21] **2,864,661**
[13] A1

[51] **Int.Cl. C08G 63/676 (2006.01) C09D 7/04 (2006.01)**

[25] EN

[54] **LIQUID, ADHESION-PROMOTING ADDITIVE AND PROCESS FOR ITS PREPARATION**

[54] **ADDITIFS LIQUIDES FAVORISANT L~ADHERENCE ET PROCEDE POUR SA PREPARATION**

[72] ALZER, HEIKO, DE

[72] HEUSSEN, INGRID, DE

[72] HERRWERTH, SASCHA, DE

[72] VEIT, THOMAS, DE

[72] EWALD, MICHAEL, DE

[72] RETZLAFF, ERIKA, DE

[72] JORRES, TANJA, DE

[72] SIEBERS, ANNIKA, DE

[71] EVONIK INDUSTRIES AG, DE

[22] 2014-09-25

[41] 2015-03-27

[30] DE (102013219555.9) 2013-09-27

[21] **2,864,703**
[13] A1

[51] **Int.Cl. B32B 3/10 (2006.01) B32B 33/00 (2006.01) B32B 37/00 (2006.01) E04B 1/76 (2006.01) E04D 13/16 (2006.01) E04D 13/17 (2006.01)**

[25] EN

[54] **SYSTEM, METHOD AND APPARATUS FOR THERMAL ENERGY MANAGEMENT IN A ROOF**

[54] **SYSTEME, PROCEDE ET APPAREIL POUR GESTION D~ENERGIE THERMIQUE DANS UN TOIT**

[72] KALKANOGLU, HUSNU M., US

[72] SHIAO, MING LIANG, US

[72] JACOBS, GREGORY F., US

[72] RANJAN, RAJESH, US

[71] CERTAINTED CORPORATION, US

[22] 2014-09-22

[41] 2015-03-24

[30] US (61/881,731) 2013-09-24

[21] **2,864,709**
[13] A1

[51] **Int.Cl. C10M 163/00 (2006.01) C10M 129/10 (2006.01) C10M 129/26 (2006.01) C10M 159/22 (2006.01)**

[25] EN

[54] **MARINE ENGINE LUBRICATION**

[54] **LUBRIFICATION DE MOTEURS MARINS**

[72] GREGORY, LAURA, GB

[71] INFINEUM INTERNATIONAL LIMITED, GB

[22] 2014-09-24

[41] 2015-03-24

[30] EP (13185713.8) 2013-09-24

[21] **2,864,722**
[13] A1

[51] **Int.Cl. G05B 23/02 (2006.01) H04W 4/04 (2009.01) F24F 11/00 (2006.01) G01P 13/00 (2006.01) G01S 11/10 (2006.01) G05D 23/19 (2006.01)**

[25] EN

[54] **ENERGY MANAGEMENT BASED ON OCCUPANCY AND OCCUPANT ACTIVITY LEVEL**

[54] **GESTION D~ENERGIE FONDEE SUR L~OCCUPATION ET LE NIVEAU D~ACTIVITE DES OCCUPANTS**

[72] DREW, DAVID SCOTT, US

[71] EMERSON ELECTRIC CO., US

[22] 2014-09-22

[41] 2015-03-23

[30] US (61/881,327) 2013-09-23

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[21] **2,864,723**
[13] A1

[51] **Int.Cl. E01B 33/00 (2006.01) E01B 35/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR USE IN RAIL TRACK CORRECTIONS**
[54] **SYSTEMES ET PROCEDES POUR UTILISATION AUX FINS DES CORRECTIONS DE VOIE DE CHEMIN DE FER**
[72] CARNEY, JAY R., US
[71] HARSCO CORPORATION, US
[22] 2014-09-24
[41] 2015-03-25
[30] US (61/882,448) 2013-09-25

[21] **2,864,728**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **USE OF ANNEXIN A1, REGUL AND IGZ TO DETERMINE THE EFFECTIVENESS OF A VACCINE IN PHENOTYPE SUSCEPTIBLE TO INFECTIOUS SALMON ANEMIA (ISA) IN ATLANTIC SALMON (SALMO SALAR)**
[54] **UTILISATION D~ANNEXINE A1, REGUL ET IGZ POUR DETERMINER L~EFFICACITE D~UN VACCIN DANS UN PHENOTYPE SUSCEPTIBLE A L~ANEMIE INFECTIEUSE DU SAUMON CHEZ LE SAUMON DE L~ATLANTIQUE (SALMO SALAR)**
[72] VIDAL SOTO, RUBEN RODRIGO, CL
[72] DEERENBERG, ROBERT MITCH, CL
[71] UNIVERSIDAD DE SANTIAGO DE CHILE, CL
[22] 2014-09-25
[41] 2015-03-25
[30] CL (2736-2013) 2013-09-25

[21] **2,864,804**
[13] A1

[51] **Int.Cl. F41H 1/02 (2006.01) F41H 5/04 (2006.01)**
[25] EN
[54] **BALLISTIC VEST SYSTEM WITH BALLISTIC VEIN COMPONENT**
[54] **SYSTEME DE VESTE BALISTIQUE AVEC COMPOSANTE BALLISTIC VEIN**
[72] BECK, JASON, US
[71] TYR TACTICAL, LLC, US
[22] 2014-09-23
[41] 2015-03-26
[30] US (61/883,121) 2013-09-26

[21] **2,864,806**
[13] A1

[51] **Int.Cl. F41H 1/02 (2006.01)**
[25] EN
[54] **BALLISTIC VEST SYSTEM WITH BALLISTIC RIDGE COMPONENT**
[54] **SYSTEME DE VESTE BALISTIQUE AVEC COMPOSANTE BALLISTIC RIDGE**
[72] BECK, JASON, US
[71] TYR TACTICAL, LLC, US
[22] 2014-09-23
[41] 2015-03-26
[30] US (61/883,140) 2013-09-26

[21] **2,864,873**
[13] A1

[51] **Int.Cl. B66D 1/60 (2006.01) B66D 1/14 (2006.01) B66D 1/46 (2006.01) B66D 3/26 (2006.01)**
[25] EN
[54] **HIGH MAST HOIST SYSTEM**
[54] **SYSTEME DE LEVAGE A MAT ELEVE**
[72] DE FRANCESCO, MARIO ANTONIO, CA
[71] DE FRANCESCO, MARIO ANTONIO, CA
[22] 2014-09-22
[41] 2015-03-23
[30] US (US61/881,404) 2013-09-23

[21] **2,864,874**
[13] A1

[51] **Int.Cl. E21B 34/14 (2006.01)**
[25] EN
[54] **ROTATABLY-ACTUATED FLUID TREATMENT SYSTEM USING COILED TUBING**
[54] **SYSTEME DE TRAITEMENT DE FLUIDE ACTIONNE DE MANIERE ROTATIVE UTILISANT UN TUBE ENROULE**
[72] ANDERSEN, CLAYTON R., US
[71] WEATHERFORD/LAMB, INC., US
[22] 2014-09-22
[41] 2015-03-23
[30] US (14/034,394) 2013-09-23

[21] **2,864,902**
[13] A1

[51] **Int.Cl. B62D 11/00 (2006.01) E01C 19/00 (2006.01) E01C 19/22 (2006.01)**
[25] EN
[54] **RATCHET ASSEMBLY AND ROTATIONAL SENSOR DRIVE MECHANISM**
[54] **ENSEMBLE A CLIQUET ET A ROCHET ET MECANISME D~ENTRAINEMENT A CAPTEUR ROTATIONNEL**
[72] FARR, THOMAS C., US
[72] KLEIN, KEVIN L., US
[72] BRENNER, MARK W., US
[72] KOTTKE, KEVIN D., US
[72] WULF, JASON D., US
[72] JONES, STEPHEN B., US
[71] GOMACO CORPORATION, US
[22] 2014-09-23
[41] 2015-03-24
[30] US (61/881,510) 2013-09-24

[21] **2,864,915**
[13] A1

[51] **Int.Cl. G06F 17/50 (2006.01) G06F 17/30 (2006.01) H01L 21/70 (2006.01)**
[25] EN
[54] **COMPARISON AND MERGING OF IC DESIGN DATA**
[54] **COMPARAISON ET FUSION DE DONNEES DE CONCEPTION DE CIRCUITS INTEGRES**
[72] DOBINSON, IAN, GB
[71] DASSAULT SYSTEMES AMERICAS CORP., US
[22] 2014-09-24
[41] 2015-03-25
[30] US (14/036,734) 2013-09-25

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[21] **2,864,930**
[13] A1

[51] **Int.Cl. G01M 13/00 (2006.01) E02F 3/32 (2006.01) E02F 3/42 (2006.01) G01B 11/245 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR MONITORING A CONDITION OF AN OPERATING IMPLEMENT IN HEAVY LOADING EQUIPMENT**

[54] **PROCEDE ET APPAREIL DE SURVEILLANCE D~UN ETAT D~UN ORGANE D~ACTIVATION D~UN EQUIPEMENT DE CHARGEMENT LOURD**

[72] TAFAZOLI BILANDI, SHAHRAM, CA

[72] PARNIAN, NEDA, CA

[72] BAUMANN, MATTHEW ALEXANDER, CA

[72] RADMARD, SINA, CA

[71] MOTION METRICS INTERNATIONAL CORP., CA

[22] 2014-09-22

[41] 2015-03-23

[30] CA (2,828,145) 2013-09-23

[21] **2,864,960**
[13] A1

[51] **Int.Cl. A23L 1/18 (2006.01) A47J 43/00 (2006.01)**

[25] EN

[54] **POPCORN MACHINE**

[54] **MACHINE A MAIS SOUFFLE**

[72] GAGNON, MARTIN, CA

[72] COBLENTZ, JAMIE, CA

[72] HUM, WILSON, CA

[71] 8479950 CANADA INC., CA

[22] 2014-09-23

[41] 2015-03-24

[30] US (61/881,698) 2013-09-24

[21] **2,864,963**
[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 47/008 (2012.01)**

[25] EN

[54] **METHOD OF REMOVING WELLBORE FLUID FROM WELL AND WATER REMOVAL WELL**

[54] **PROCEDE DE RETRAIT DE FLUIDE DE PUIITS DE FORAGE D~UN PUIITS ET PUIITS D~EVACUATION D~EAU**

[72] STORM, BRUCE HARRISON, US

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

[22] 2014-09-23

[41] 2015-03-25

[30] US (61/882,121) 2013-09-25

[21] **2,864,964**
[13] A1

[51] **Int.Cl. G01V 9/00 (2006.01) E21B 43/26 (2006.01) E21B 47/10 (2012.01) G01V 1/42 (2006.01)**

[25] EN

[54] **METHOD OF CONDUCTING DIAGNOSTICS ON A SUBTERRANEAN FORMATION**

[54] **PROCEDE DE CONDUITE DE DIAGNOSTIC SUR UNE FORMATION SOUTERRAINE**

[72] DOBROSKOK, ANASTASIA, US

[72] FONSECA OCAMPOS, ERNESTO RAFAEL, US

[72] SAVITSKI, ALEXEI ALEXANDROVICH, US

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

[22] 2014-09-23

[41] 2015-03-25

[30] US (61/882,139) 2013-09-25

[21] **2,864,973**
[13] A1

[51] **Int.Cl. B28D 1/24 (2006.01) B28D 1/06 (2006.01) B28D 7/04 (2006.01)**

[25] EN

[54] **DEVICE FOR CUTTING GRANITE OR OTHER HARD MATERIALS**

[54] **DISPOSITIF DE COUPE DE GRANIT OU AUTRES MATERIAUX DURS**

[72] CALAS, ROBERT, FR

[71] CALAS PRODUCTION, FR

[22] 2014-09-23

[41] 2015-03-24

[30] FR (13 59168) 2013-09-24

[21] **2,864,998**
[13] A1

[51] **Int.Cl. F23J 15/04 (2006.01) B01D 53/14 (2006.01) F23J 15/02 (2006.01) F23J 15/06 (2006.01)**

[25] EN

[54] **METHOD OF EXHAUST GAS TREATMENT FOR A GAS TURBINE SYSTEM AND EXHAUST GAS TREATMENT ASSEMBLY**

[54] **PROCEDE DE TRAITEMENT DE GAZ D~ECHAPPEMENT POUR UN SYSTEME DE TURBINE A GAZ ET ENSEMBLE DE TRAITEMENT DE GAZ D~ECHAPPEMENT**

[72] WANG, WUYIN, SE

[72] STEFANIS, VASILEIOS, CH

[72] CLAVIER, JULIE, CH

[72] COLOMBO, MIRCO, CH

[72] GUETHE, FELIX, CH

[71] ALSTOM TECHNOLOGY LTD, CH

[22] 2014-09-26

[41] 2015-03-27

[30] EP (13186317.7) 2013-09-27

[21] **2,865,001**
[13] A1

[51] **Int.Cl. G06F 9/44 (2006.01) G06F 3/0485 (2013.01) G06F 3/0488 (2013.01)**

[25] EN

[54] **WEB APPLICATION WITH ADAPTIVE USER INTERFACE**

[54] **APPLICATION WEB AVEC INTERFACE UTILISATEUR ADAPTATIVE**

[72] MANGEYM, VLADISLAV M., US

[72] PUZATKIN, OLEG, US

[71] VFA, INC., US

[22] 2014-09-26

[41] 2015-03-27

[30] US (61/883,321) 2013-09-27

[21] **2,865,075**
[13] A1

[51] **Int.Cl. B65B 37/16 (2006.01) A01K 5/00 (2006.01) B01F 15/02 (2006.01) G01F 11/24 (2006.01)**

[25] EN

[54] **DOSING APPARATUS**

[54] **APPAREIL DE DOSAGE**

[72] MASSICOTTE, RENE, CA

[71] CAVADISTRIB. INC., CA

[22] 2014-09-25

[41] 2015-03-27

[30] US (14/039,325) 2013-09-27

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[21] **2,865,076**
[13] A1

[51] **Int.Cl. B01L 9/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVED MODULAR LABORATORY FURNITURE**
[54] **SYSTEMES ET PROCÉDES POUR MEUBLES DE LABORATOIRE MODULAIRES AMÉLIORÉS**
[72] BEDARD, RON, CA
[72] POIRIER, PIERRE, CA
[71] BEDCOLAB, LTD., CA
[22] 2014-09-26
[41] 2015-03-26
[30] US (61/883,146) 2013-09-26

[21] **2,865,088**
[13] A1

[51] **Int.Cl. A47F 1/00 (2006.01) A47F 1/14 (2006.01) B65G 1/06 (2006.01)**
[25] EN
[54] **MODULAR MANUAL LIFT DISPENSER SECURITY SYSTEMS AND METHODS FOR ASSEMBLING, MANUFACTURING AND/OR UTILIZING SAID SECURITY SYSTEMS**
[54] **SYSTEMES DE SECURITE POUR DISTRIBUTEUR A ELEMENT DE SOULEVEMENT MANUEL MODULAIRE ET PROCÉDES POUR ASSEMBLER, FABRIQUER OU UTILISER LESDITS SYSTEMES DE SECURITE**
[72] VOGLER, MICHAEL, CA
[72] POLLOCK, JOEL, CA
[71] MARKETING IMPACT LIMITED, CA
[22] 2014-09-24
[41] 2015-03-24
[30] US (61/881,779) 2013-09-24

[21] **2,865,093**
[13] A1

[51] **Int.Cl. E01B 33/00 (2006.01) E01B 35/00 (2006.01)**
[25] EN
[54] **RAILWAY REFERENCE MACHINE HAVING A COLLAPSIBLE PROJECTOR ASSEMBLY**
[54] **MACHINE DE REFERENCE FERROVIAIRE DOTÉE D'UN ENSEMBLE DE PROJECTION PLIABLE**
[72] SPENCE, DAVID A., US
[71] NORDCO INC., US
[22] 2014-09-24
[41] 2015-03-25
[30] US (61/882,137) 2013-09-25
[30] US (14/490,312) 2014-09-18

[21] **2,865,095**
[13] A1

[51] **Int.Cl. E01B 27/12 (2006.01) B60F 1/04 (2006.01) E01B 27/20 (2006.01)**
[25] EN
[54] **PIVOT AXLE ASSEMBLY FOR ROADWORTHY RAILROAD BALLAST TAMPER APPARATUS**
[54] **ENSEMBLE TRAIN A PIVOT POUR APPAREIL DE BOURRAGE DE VOIE FERREE POUVANT CIRCULER SUR ROUTE**
[72] ERGEN, ERIC CHARLES, US
[71] NORDCO INC., US
[22] 2014-09-24
[41] 2015-03-25
[30] US (61/882,192) 2013-09-25
[30] US (14/491,369) 2014-09-19

[21] **2,865,099**
[13] A1

[51] **Int.Cl. E01B 27/02 (2006.01)**
[25] EN
[54] **ROADWORTHY RAILROAD BALLAST TAMPER APPARATUS**
[54] **APPAREIL DE BOURRAGE DE VOIE FERREE POUVANT CIRCULER SUR ROUTE**
[72] NOLL, DONALD CHRISTOPHER, US
[71] NORDCO INC., US
[22] 2014-09-24
[41] 2015-03-25
[30] US (61/882,190) 2013-09-25
[30] US (14/490,837) 2014-09-19

[21] **2,865,100**
[13] A1

[51] **Int.Cl. G01V 9/00 (2006.01) G01V 1/18 (2006.01)**
[25] EN
[54] **GEOPHYSICAL SURVEY NODE ROLLING METHOD AND SYSTEM**
[54] **PROCÉDE ET SYSTÈME A ROULEMENT DE NOEUD POUR LEVE GEOPHYSIQUE**
[72] MAXWELL, PETER, FR
[71] CGG SERVICES SA, FR
[22] 2014-09-24
[41] 2015-03-25
[30] US (14/036162) 2013-09-25

[21] **2,865,118**
[13] A1

[51] **Int.Cl. E04B 2/04 (2006.01) E04C 2/38 (2006.01)**
[25] EN
[54] **FOAM WALL STRUCTURE**
[54] **STRUCTURE MURALE EN MOUSSE**
[72] LAMBACH, JAMES, US
[72] NICOLA, WILLIAM, US
[72] GILES, ERIC, US
[72] GRISOLIA, ANTHONY, US
[72] OBERG, BRADLEY W.(DECEASED), ZZ
[71] BAYER MATERIALSCIENCE LLC, US
[22] 2014-09-24
[41] 2015-03-27
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[54] **METHOD OF PASSIVE COMMUNICATION FOR LOCATION BASED NETWORKS**
[54] **PROCÉDE DE COMMUNICATION PASSIVE POUR RESEAUX FONDÉS SUR L'EMPLACEMENT**
[72] MOHAJER VA PESARAN, DAVID, CA
[72] PONNAMBALAM, SEMCHUDDAR, CA
[71] 2391104 ONTARIO INC., CA
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[54] **A DUAL PRESSURE CONTROL FOR A ROTOR BRAKE ACTUATOR FOR VERTICAL LIFT AIRCRAFT**

[54] **COMMANDE DE PRESSION DOUBLE POUR UN ACTIONNEUR DE FREIN A ROTOR POUR AERONEF A SOULEVEMENT VERTICAL**

[72] ELVING, CARL T., US

[72] SOBEL, JAMES E, US

[72] PUJOL, MICHAEL, US

[71] BELL HELICOPTER TEXTRON INC., US

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[54] **STABILIZED COLLOIDAL PREPARATIONS, PRE-MIX AND PROCESS FOR PREPARING SKIN CARE COMPOSITIONS, IMPROVED SKIN CARE COMPOSITION, METHOD FOR TREATING THE SKIN**

[54] **PREPARATIONS COLLOIDALES STABILISEES, PRE-MELANGE ET PROCEDE DE PREPARATION DE COMPOSITIONS DE SOIN CUTANE, COMPOSITION DE SOIN CUTANE AMELIOREE, METHODE DE TRAITEMENT DE LA PEAU**

[72] BARNES, LISA, US

[72] SONDGEROTH, JASON, US

[72] HALE, BRITTANY, US

[71] CHATTEM, INC., US

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[54] **DRIVE FOR A RAILROAD BALLAST TAMPER APPARATUS**

[54] **ENTRAINEMENT POUR APPAREIL DE BOURRAGE DE VOIE FERREE**

[72] PRITZL, PATRICK, US

[71] NORDCO INC., US

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[54] **PANIER A LINGE ET TRIEUSES AVEC ZONES DE CHARGEMENT AVANT ACCESSIBLES**

[72] BARRE, BERTRAND, FR

[72] LEPAGE, FRANCIS, FR

[71] NEATFREAK GROUP INC., CA

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[54] **ALLIAGE D'ALUMINIUM A CONDUCTIVITE ELECTRIQUE ELEVEE**

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[71] NEXANS, FR

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[54] **COMMUTATEUR SANS CONTACT**

[72] BACHMANN, ROLF, CH

[71] CONTELEC AG, CH

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[54] **HARD SURFACE CLEANING COMPOSITION**

[54] **COMPOSITION DE NETTOYAGE DE SURFACE DURE**

[72] GAUDREAU, ROSEMARY, US

[71] JELMAR, LLC, US

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[30] US (14/039,826) 2013-09-27

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[54] **SYSTEMES ET PROCEDES POUR DIAGRAPHIE DE SURFACE EN TEMPS QUASI-REEL D~UN Puits GEOTHERMIQUE, D~UN Puits D~HYDROCARBURES OU D~UN Puits D~ESSAI AU MOYEN D~UN SPECTROMETRE DE MASSE**

[72] SELMAN, THOMAS H., US

[72] JENNINGS, MATTHEW J., US

[71] SELMAN AND ASSOCIATES, LTD., US

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[54] **COMPOSITION DE NETTOYAGE DE SURFACE DURE**
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[71] JELMAR, LLC, US
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[54] **REGROUPEMENT D~ACTIFS GEOSPATIAUX**
[72] GREEN, CRAIG, CA
[72] POT, JAY, CA
[71] TRAC RAIL INC., CA
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[54] **METHOD AND APPARATUS FOR VOLUME REDUCTION OF FINE PARTICULATE**
[54] **PROCEDE ET APPAREIL DE REDUCTION DE VOLUME DE PARTICULES FINES**
[72] HODGE, WILLIAM E., CA
[71] HODGE, WILLIAM E., CA
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[54] **HOCKEY PRACTICE SYSTEM**
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[72] NISKANEN, ERIC J., US
[71] NISKANEN, ERIC J., US
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[54] **SYSTEME HYDRAULIQUE POUR AERONEF**
[72] MEARS, JOHN S., US
[71] GE AVIATION SYSTEMS LLC, US
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[54] **PROCEDES ET SYSTEMES POUR TRANSACTIONS FINANCIERES RECURRENTES A UN TERMINAL DE POINT DE VENTE**
[72] BURWELL, GREG, CA
[72] SULTAN, KAREEM, CA
[71] FUSEBILL INC., CA
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[72] BERTRAM, GREGORY E., US
[72] MILLER, BEN, US
[72] DOBSCH, JUSTIN, US
[72] DALSKI, ROGER A., US
[71] AMERICAN RAILCAR INDUSTRIES, INC., US
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[72] BIAGE, DANIEL, CA
[72] FERLAND, GILLES, CA
[71] SOLACOM TECHNOLOGIES INC., CA
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[54] **ARBRE DE COUPE AMELIORE POUR BROYEUSE DE SOUCHES VERTICALES**
[72] PAUMIER, JAMES J., US
[72] MATTISON, TODD D., US
[72] MATTISON, DAVID B., US
[71] NEW RIVER EQUIPMENT CORP., US
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[51] **Int.Cl. F16M 13/00 (2006.01) F04D 25/08 (2006.01) F21V 21/03 (2006.01) H01R 13/639 (2006.01) F21V 33/00 (2006.01)**

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[54] **SYSTEMES ET PROCEDES POUR MONTER DES DISPOSITIFS ELECTRIQUES SUR DES PLAFONDS OU D~AUTRES STRUCTURES**

[72] BROUGHMAN, JAMES MICHAEL, US

[72] JODICE, DANA LYNN, US

[72] LU, JASON, HK

[71] LOWE'S COMPANIES, INC., US

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[54] **SYSTEM AND METHOD OF MITIGATING HIGH-TEMPERATURE, HIGH-CHARGE GAS SWELLING OF BATTERY OF PORTABLE ELECTRONIC DEVICE**

[54] **SYSTEME ET PROCEDE POUR REDUIRE LE GONFLEMENT DE GAZ A CHARGE ET TEMPERATURE ELEVEES D~UNE PILE D~UN APPAREIL ELECTRONIQUE PORTATIF**

[72] SENGUPTA, SURAJIT, CA

[72] FENG, YU WILLIAM, CA

[72] BRUBACHER, JONATHAN QUINN, CA

[72] PATINO, JOSEPH, US

[71] BLACKBERRY LIMITED, CA

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[54] **RECEPTACLE A DETENTE DE MAINTIEN D'OUVERTURE TERMINALE**

[72] LAURENT, MAXIM, US

[71] LEVITON MANUFACTURING CO., INC., US

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[54] **GLACIERE PORTATIVE A OUVERTURE AVANT AVEC SURFACE UTILITAIRE SUPERIEURE**

[72] BELAND, PAUL, CA

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[54] **ENSEMBLE DE PANNEAUX INTERVERROUILLABLES POUR CONSTRUCTION DE BATIMENTS MODULAIRES**

[72] LAUFER, LANCE C., CA

[72] PALO, DOMINGO C., CA

[71] CUSTOM STEEL MANUFACTURING LTD., CA

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[54] **DIPPER DOOR AND DIPPER DOOR TRIP ASSEMBLY**

[54] **PORTE DE GODET DE PELLE EN BUTTE ET ENSEMBLE DE DECLENCHEMENT D~UNE TELLE PORTE**

[72] GROSS, MATTHEW L., US

[72] COLWELL, JOSEPH J., US

[72] NICOSN, RICHARD, US

[71] HARNISCHFEGER TECHNOLOGIES, INC., US

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[54] **DOOR JAMB FOR FLUSH IN-SWING DOOR**

[54] **MONTANT DE PORTE POUR PORTE BATTANTE VERS L~INTERIEUR PLANE**

[72] STEVENS, GORDON, US

[71] STUDCO BUILDING SYSTEMS US, LLC, US

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[72] STRAUB, STEPHEN W., US
[72] MALED, PATRICK T., US
[71] SYPRIS TECHNOLOGIES, INC., US
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[54] **AUTHENTIFICATION D' ACTIONS D' OPERATEUR DANS UN SYSTEME DE COMMANDE INDUSTRIEL**
[72] GALPIN, SAMUEL, US
[72] CLISH, TIMOTHY, US
[72] CALVIN, JAMES G., US
[72] ROOYAKKERS, ALBERT, US
[71] BEDROCK AUTOMATION PLATFORMS INC., US
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[72] BOUCHARD, PIERRE-LUC, CA
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[54] **A VERTICAL AXIS WIND TURBINE CAPABLE OF HOLDING ALL OF ITS BLADES IN A POSITIVELY CONTROLLED DIRECTION DURING THEIR SMOOTH AND CONTINUOUS 360 DEGREE ROTATION AROUND THE TURBINE SHAFT CENTER TO PRODUCE OPTIMUM TORQUE**
[54] **EOLIENNE A AXE VERTICALE CAPABLE DE MAINTENIR TOUTES SES PALES DANS UNE DIRECTION A COMMANDE POSITIVE DURANT LEUR ROTATION REGULIERE ET CONTINUE SUR 360 DEGRES AUTOUR DU CENTRE DE L~AXE DE L~EOLIENNE POUR PRODUIRE UN COUPLE OPTIMUM**
[72] IQBAL, MUHAMMAD MUZAFFAR, CA
[71] IQBAL, MUHAMMAD MUZAFFAR, CA
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[54] **METHOD AND APPARATUS OF TOUCH CONTROL FOR MULTI-POINT TOUCH TERMINAL**
[54] **PROCEDE ET APPAREIL DE COMMANDE DE TOUCHER POUR TERMINAL TACTILE MULTIPOINT**
[72] MAO, XIN LIANG, CN
[72] ZHOU, TIAN WEI, CN
[72] CHEN, ER XI, CN
[71] SHANGHAI DOUWU NETWORK TECHNOLOGY CO.,LTD, CN
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[54] **SYSTEME ET COMPOSANTE POUR INJECTER DU FLUIDE EN DES ENDROITS SELECTIONNES LE LONG D~UN Puits DE FORAGE**
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[72] KNIP, MIKAEL, FI	[72] YANG, LAI HUNG CINDY, CN	[71] XCHANGER COMPANIES, INC., US
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[25] EN	[25] EN	[25] EN
[54] A MODULAR COMBINED BOX AND CONNECTING ASSEMBLY THEREOF	[54] SYSTEMS AND METHODS FOR OPTIMAL STACKING OF SEISMIC DATA	[54] SYNERGISTIC WEED CONTROL FROM APPLICATIONS OF AMINOCYCLOPYRACHLOR AND CLOPYRALID
[54] CAISSON AGENCE MODULAIRE ET ENSEMBLE DE RACCORDEMENT DE CELUI-CI	[54] SYSTEMES ET PROCEDES DE SUPERPOSITION OPTIMALE DE DONNEES SISMIQUES	[54] DESHERBAGE SYNERGIQUE A PARTIR D'APPLICATIONS D'AMINOCYCLOPYRACHLORE ET DE CLOPYRALIDE
[72] LI, SHAOLONG, CN	[72] VYAS, MADHAV, US	[72] MANN, RICHARD K., US
[71] TANGSHAN DUSHIBAO INDUSTRIAL CO., LTD., CN	[72] SHARMA, ARVIND, US	[72] BRINKWORTH, LOUISE A., US
[85] 2014-09-11	[71] BP CORPORATION NORTH AMERICA INC., US	[72] PETERSON, VANELLE F., US
[86] 2013-12-05 (PCT/CN2013/088651)	[85] 2014-09-29	[72] FISHER, MARC L., US
[87] (2864061)	[86] 2013-04-03 (PCT/US2013/035054)	[72] LANGSTON, VERNON B., US
[30] CN (201310432758.8) 2013-09-22	[87] (WO2013/152062)	[72] MASTERS, ROBERT A., US
	[30] US (61/620,341) 2012-04-04	[71] DOW AGROSCIENCES LLC, US
		[85] 2015-03-02
		[86] 2013-09-03 (PCT/US2013/057776)
		[87] (WO2014/039416)
		[30] US (61/696,478) 2012-09-04

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[21] **2,884,245**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61K 9/00 (2006.01) A61K 31/7088 (2006.01) A61K 47/48 (2006.01) A61P 21/00 (2006.01) C07H 21/00 (2006.01)**

[25] EN

[54] **ANTISENSE POLYNUCLEOTIDES TO INDUCE EXON SKIPPING AND METHODS OF TREATING DYSTROPHIES**

[54] **POLYNUCLEOTIDES ANTISENS DESTINES A INDIURE UN SAUT D'EXON ET METHODES DE TRAITEMENT DE DYSTROPHIES**

[72] MCNALLY, ELIZABETH, US

[71] THE UNIVERSITY OF CHICAGO, US

[85] 2015-03-05

[86] 2013-09-06 (PCT/US2013/058636)

[87] (WO2014/039916)

[30] US (61/697,766) 2012-09-06

[21] **2,884,402**
[13] A1

[51] **Int.Cl. G06K 19/06 (2006.01) H04W 4/24 (2009.01) G06Q 20/34 (2012.01) G06F 21/32 (2013.01)**

[25] EN

[54] **CREDIT CARD FORM FACTOR SECURE MOBILE COMPUTER AND METHODS**

[54] **ORDINATEUR MOBILE SECURISE AYANT LE FACTEUR DE FORME D'UNE CARTE CREDIT, ET PROCEDES CORRESPONDANTS**

[72] GLASER, LAWRENCE F., US

[71] GLASER, LAWRENCE F., US

[85] 2015-03-05

[86] 2013-09-07 (PCT/US2013/058653)

[87] (WO2014/039932)

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[21] **2,884,734**
[13] A1

[51] **Int.Cl. B64B 1/58 (2006.01) B60L 8/00 (2006.01) B64B 1/06 (2006.01) B64B 1/24 (2006.01) B64D 37/00 (2006.01) B64D 39/00 (2006.01) C25B 1/04 (2006.01) C25B 15/08 (2006.01)**

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[54] **HYDROGEN-REGENERATING SOLAR-POWERED AIRCRAFT**

[54] **AERONEF ALIMENTE PAR PILE SOLAIRE REGENERANT DE L'HYDROGENE**

[72] FOURNIER, SEBASTIEN, CA

[72] GODSALL, JAY, CA

[71] SOLAR SHIP INC., CA

[85] 2015-03-12

[86] 2013-09-19 (PCT/CA2013/000791)

[87] (WO2014/043789)

[30] US (61/703,207) 2012-09-19

[21] **2,884,736**
[13] A1

[51] **Int.Cl. B67D 7/36 (2010.01)**

[25] EN

[54] **DROP TUBE SEGMENT**

[54] **SEGMENT DE TUBE DE DEPOTAGE**

[72] KUEHN, JUSTIN, US

[72] NELSON, BILL, US

[72] LAUNDRIE, DAVID, US

[72] O'FLAHRITY, MICHAEL, US

[72] BACKHAUS, ERIK, US

[71] FRANKLIN FUELING SYSTEMS, INC., US

[85] 2015-03-12

[86] 2013-09-03 (PCT/US2013/057884)

[87] (WO2014/042913)

[30] US (61/701,347) 2012-09-14

[30] US (61/801,681) 2013-03-15

[21] **2,884,738**
[13] A1

[51] **Int.Cl. E01F 15/04 (2006.01) F16G 11/00 (2006.01) F16G 11/10 (2006.01)**

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[54] **CONTRE-RAIL**

[72] COX, AARON J., US

[72] SINDORF, BRENT S., US

[71] ENERGY ABSORPTION SYSTEMS, INC., US

[85] 2015-03-12

[86] 2013-09-10 (PCT/US2013/059024)

[87] (WO2014/043114)

[30] US (61/700,572) 2012-09-13

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[21] **2,884,739**
[13] A1

[51] **Int.Cl. B65D 71/16 (2006.01) B65D 71/36 (2006.01)**

[25] EN

[54] **PACKAGE, CARTON AND BLANK THEREFOR**

[54] **EMBALLAGE, CARTON ET DECOUPE S'Y RAPPORTANT**

[72] WALLING, BRADFORD J., US

[72] BATES, AARON L., US

[71] MEADWESTVACO PACKAGING SYSTEMS, LLC, US

[85] 2015-03-12

[86] 2013-09-12 (PCT/US2013/059419)

[87] (WO2014/046957)

[30] US (61/702,567) 2012-09-18

[21] **2,884,743**
[13] A1

[51] **Int.Cl. C07K 14/73 (2006.01)**

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[54] **T CELL RECEPTORS RECOGNIZING MHC CLASS II-RESTRICTED MAGE-A3**

[54] **RECEPTEURS DE LYMPHOCYTE T RECONNAISSANT MAGE-A3 RESTREINT AU CMH DE CLASSE II**

[72] ROBBINS, PAUL F., US

[72] ROSENBERG, STEVEN A., US

[72] YAO, XIN, US

[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US

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[86] 2013-09-13 (PCT/US2013/059608)

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[30] US (61/701,056) 2012-09-14

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[13] A1

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[54] **ENERGY HARVESTING LOAD CONTROL SWITCH**

[54] **COMMUTEUR DE COMMANDE DE CHARGE DE COLLECTE D'ENERGIE**

[72] BRANDT, NATHAN ALLEN, US
[72] LUCAS, RICHARD WILLIAM, US
[72] JOHNSON, JUSTIN BRUCE, US
[72] JONASSON, BRENT THOMAS, US
[71] COOPER TECHNOLOGIES COMPANY, US

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[86] 2013-09-24 (PCT/US2013/061279)
[87] (WO2014/047604)
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[21] **2,884,748**
[13] A1

[51] **Int.Cl. D21C 3/00 (2006.01) D21C 9/00 (2006.01)**

[25] EN

[54] **CHEMICAL TREATMENT OF LIGNOCELLULOSIC FIBER BUNDLE MATERIAL, AND METHODS AND SYSTEMS RELATING THERETO**

[54] **TRAITEMENT CHIMIQUE D'UNE MATIERE EN FAISCEAU DE FIBRES DE LIGNOCELLULOSE, ET PROCEDES ET SYSTEMES RELATIFS A CELUI-CI**

[72] XU, ERIC, US
[71] ANDRITZ INC., US
[85] 2015-03-11
[86] 2013-09-27 (PCT/US2013/062195)
[87] (WO2014/052763)
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[21] **2,884,749**
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/0408 (2006.01)**

[25] EN

[54] **METHODS AND APPARATUS FOR WIRELESS ELECTRODE HAVING POWER CONSERVATION**

[54] **METHODES ET APPAREIL POUR ELECTRODE SANS FIL A ECONOMIE D'ENERGIE**

[72] COGGINS, SCOTT R., US
[71] COVIDIEN LP, US

[85] 2015-03-10
[86] 2013-09-09 (PCT/US2013/058672)
[87] (WO2014/042999)
[30] US (13/616,594) 2012-09-14

[21] **2,884,774**
[13] A1

[51] **Int.Cl. A61K 36/28 (2006.01) A61P 17/14 (2006.01) A61P 31/10 (2006.01) A61Q 7/00 (2006.01)**

[25] EN

[54] **HERBAL PREPARATION FOR STIMULATION OF HAIR GROWTH, CONTROL OF HAIR FALL, DANDRUFF AND INFECTIONS THEREOF USING AGERATUM SPP.**

[54] **PREPARATION A L'AIDE DE PLANTES POUR LA STIMULATION DE LA CROISSANCE CAPILLAIRE, LA LUTTE CONTRE LA CHUTE DES CHEVEUX, LES PELLICULES ET LES INFECTIONS DE CEUX-CI A L'AIDE D'AGERATUM SPP.**

[72] PRABAVATHY, VAIYAPURI RAMALINGAM, IN
[71] GENCOR ARMATS BIOTEK PVT. LTD., IN

[85] 2015-03-10
[86] 2013-08-14 (PCT/IN2013/000502)
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[21] **2,884,848**
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) C07D 401/12 (2006.01) C07D 407/14 (2006.01) C07D 409/14 (2006.01) C07D 491/08 (2006.01)**

[25] EN

[54] **BENZAMIDE AND HETEROBENZAMIDE COMPOUNDS**

[54] **COMPOSES DE BENZAMIDE ET HETEROBENZAMIDE**

[72] EDWARDS, MARTIN PAUL, US
[72] KUMPF, ROBERT ARNOLD, US
[72] KUNG, PEI-PEI, US
[72] MCALPINE, INDRAWAN JAMES, US
[72] RUI, EUGENE YUANJIN, US
[72] SUTTON, SCOTT CHANNING, US
[72] TATLOCK, JOHN HOWARD, US
[72] WYTHES, MARTIN JAMES, US
[71] PFIZER INC., US

[85] 2015-03-12
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[30] US (61/707,447) 2012-09-28

[21] **2,884,851**
[13] A1

[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/12 (2006.01) C22C 38/12 (2006.01) C22C 38/60 (2006.01) H01F 1/16 (2006.01)**

[25] EN

[54] **HOT-ROLLED STEEL SHEET FOR PRODUCTION OF NON-ORIENTED ELECTRICAL STEEL SHEET AND METHOD OF MANUFACTURING SAME**

[54] **TOLE D'ACIER LAMINEE A CHAUD POUR LA PRODUCTION D'UNE TOLE D'ACIER MAGNETIQUE NON ORIENTE ET PROCEDE PERMETTANT DE FABRIQUER CETTE DERNIERE**

[72] TODA, HIROAKI, JP
[72] ZAIZEN, YOSHIKI, JP
[72] NAKANISHI, TADASHI, JP
[72] ODA, YOSHIHIKO, JP
[71] JFE STEEL CORPORATION, JP

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[86] 2013-10-11 (PCT/JP2013/006076)
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[54] **TAILORED SLICING**
[54] **TRANCHAGE SUR MESURE**
[72] ORNELAZ, RICHARD D., JR., US
[71] FRITO-LAY NORTH AMERICA, INC., US
[85] 2015-03-12
[86] 2013-03-12 (PCT/US2013/030540)
[87] (WO2014/051681)
[30] US (13/630,502) 2012-09-28

[21] **2,884,856**
[13] A1

[51] **Int.Cl. B01J 13/04 (2006.01) A01N 25/28 (2006.01) A23L 1/22 (2006.01) A61K 9/50 (2006.01) B01J 13/22 (2006.01) C09B 67/02 (2006.01) C11D 3/50 (2006.01) F28D 20/02 (2006.01)**
[25] EN
[54] **SPRAY DRYING MICROCAPSULES**
[54] **MICROCAPSULES A SECHAGE PAR PULVERISATION**
[72] DIHORA, JITEN ODHAVJI, US
[72] CETTI, JONATHAN ROBERT, US
[72] WITT, STEVEN EDWARD, US
[72] LI, JIANJUN JUSTIN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-03-12
[86] 2013-09-20 (PCT/US2013/061013)
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[30] US (61/703,616) 2012-09-20

[21] **2,884,857**
[13] A1

[51] **Int.Cl. A61K 8/11 (2006.01) A61K 8/02 (2006.01) A61K 8/58 (2006.01) A61K 8/89 (2006.01) A61Q 13/00 (2006.01) A61Q 15/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND ARTICLES HAVING A PARENT FRAGRANCE AND MICROCAPSULES ENCAPSULATING A NON-PARENT FRAGRANCE**
[54] **COMPOSITIONS ET ARTICLES PRESENTANT UNE FRAGRANCE MERE ET DES MICROCAPSULES ENCAPSULANT UNE AUTRE FRAGRANCE NON MERE**
[72] GHOSH, CHANCHAL KUMAR, US
[72] ZIMMERMAN, DEAN ARTHUR, US
[72] LI, JIANJUN JUSTIN, US
[72] DIHORA, JITEN ODHAVJI, US
[72] CETTI, JONATHAN ROBERT, US
[72] WITT, STEVEN EDWARD, US
[72] HUTCHINS, VIRGINIA TZUNG-HWEI, US
[72] FLICKINGER, MARC ADAM, US
[72] LABITZKE, KEVIN MAX, US
[72] DUBOIS, ZERLINA GUZDAR, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-03-12
[86] 2013-09-20 (PCT/US2013/061030)
[87] (WO2014/047507)
[30] US (61/703,587) 2012-09-20
[30] US (61/703,616) 2012-09-20

[21] **2,884,862**
[13] A1

[51] **Int.Cl. B29C 70/38 (2006.01) B29C 70/68 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR FABRICATING COMPOSITE CONTAINMENT CASINGS**
[54] **PROCEDE ET SYSTEME DE FABRICATION DE CARCASSES DE CONFINEMENT COMPOSITES**
[72] XIE, MING, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-03-12
[86] 2013-08-20 (PCT/US2013/055662)
[87] (WO2014/046827)
[30] US (13/624,253) 2012-09-21

[21] **2,884,863**
[13] A1

[51] **Int.Cl. C08K 3/00 (2006.01) C08K 3/02 (2006.01) C08K 3/32 (2006.01) C08L 77/00 (2006.01)**
[25] EN
[54] **FLAME-PROOFED POLYAMIDES WITH LIGHT COLOURING**
[54] **POLYAMIDES IGNIFUGES DE COULEUR CLAIRE**
[72] ROTH, MICHAEL, DE
[72] KONIG, ALEXANDER, DE
[72] DEGLMANN, PETER, DE
[72] USKE, KLAUS, DE
[72] MINGES, CHRISTOPH, DE
[71] BASF SE, DE
[85] 2015-03-13
[86] 2013-08-13 (PCT/EP2013/066876)
[87] (WO2014/044471)
[30] EP (12184935.0) 2012-09-19

[21] **2,884,864**
[13] A1

[51] **Int.Cl. C12M 1/00 (2006.01) B01L 3/00 (2006.01)**
[25] EN
[54] **SUBSTANCE EXPOSURE APPARATUS**
[54] **APPAREIL D'EXPOSITION A UNE SUBSTANCE**
[72] COOPER-WHITE, JUSTIN JOHN, AU
[72] TITMARSH, DREW MURRAY, AU
[71] THE UNIVERSITY OF QUEENSLAND, AU
[85] 2015-03-13
[86] 2012-09-13 (PCT/AU2012/001094)
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[21] **2,884,865**
[13] A1

[51] **Int.Cl. C12M 3/00 (2006.01) C12M 1/00 (2006.01) C12M 1/24 (2006.01) C12M 1/34 (2006.01) C12M 3/06 (2006.01)**

[25] EN

[54] **DISPOSABLE BOTTLE REACTOR TANK**

[54] **RESERVOIR DE REACTEUR-FLACON A USAGE UNIQUE**

[72] KAULING, JOERG, DE
[72] WALDHELM, ANNETTE, DE
[72] BROD, HELMUT, DE
[72] HERRMANN, VERENA, DE
[72] JACOB, STEFANIE, DE
[71] BAYER TECHNOLOGY SERVICES GMBH, DE
[85] 2015-03-13
[86] 2013-09-13 (PCT/EP2013/069024)
[87] (WO2014/044612)
[30] EP (12006536.2) 2012-09-18

[21] **2,884,866**
[13] A1

[51] **Int.Cl. G06K 19/077 (2006.01) G06Q 50/12 (2012.01)**

[25] EN

[54] **PORTABLE TABLE NUMBER DEVICE AND TABLE NUMBER SYSTEM**

[54] **DISPOSITIF PORTABLE POURVU D'UN NUMERO DE TABLE ET SYSTEME DE NUMEROS DE TABLE**

[72] MCGUINNESS, STEVEN THOMAS, AU
[72] RAKOCZY, STEVE, AU
[71] ALMOS TECHNOLOGIES PTY. LTD., AU
[71] RAKOCZY, STEVE, AU
[85] 2015-03-13
[86] 2013-09-12 (PCT/EP2013/068883)
[87] (WO2014/041056)
[30] EP (12184294.2) 2012-09-13

[21] **2,884,867**
[13] A1

[51] **Int.Cl. G01N 21/71 (2006.01) G01N 21/73 (2006.01) G01N 33/543 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR THE QUANTITATIVE LIBS MEASUREMENT OF BIOMOLECULAR TARGETS ON A BIOCHIP**

[54] **PROCEDE ET DISPOSITIF DE MESURE QUANTITATIVE PAR LIBS DE CIBLES BIOMOLECULAIRES SUR BIOPUCE**

[72] COULON, NADINE, FR
[72] UGOLIN, NICOLAS, FR
[72] FALCK, CAROLINE, FR
[72] LEFEVRE, EMILIE, FR
[72] CHEVILLARD, SYLVIE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2015-03-13
[86] 2013-09-13 (PCT/EP2013/069072)
[87] (WO2014/041145)
[30] FR (1258608) 2012-09-13

[21] **2,884,869**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**

[25] EN

[54] **METHOD FOR DETECTION OF BRAF AND PI3K MUTATIONS**

[54] **PROCEDE DE DETECTION DE MUTATIONS DE BRAF ET DE PI 3K**

[72] VILLAHERMOSA, MARIA LUISA, ES
[72] MOSCOSO DEL PRADO, JUAN, ES
[71] GENOMICA S.A.U., ES
[85] 2015-03-13
[86] 2013-09-20 (PCT/EP2013/069634)
[87] (WO2014/044828)
[30] EP (12382370.0) 2012-09-21

[21] **2,884,872**
[13] A1

[51] **Int.Cl. C09D 171/00 (2006.01) B41M 7/00 (2006.01) B41M 7/02 (2006.01) B42D 15/00 (2006.01)**

[25] EN

[54] **PROTECTIVE COATINGS FOR SECURITY DOCUMENTS**

[54] **REVETEMENTS DE PROTECTION POUR DOCUMENTS DE SECURITE**

[72] VEYA, PATRICK, CH
[72] GARNIER, JEAN, CH
[71] SICPA HOLDING SA, CH
[85] 2015-03-13
[86] 2013-09-24 (PCT/EP2013/069769)
[87] (WO2014/067715)
[30] EP (12190376.9) 2012-10-29

[21] **2,884,874**
[13] A1

[51] **Int.Cl. B65D 85/804 (2006.01)**

[25] EN

[54] **BEVERAGE CAPSULE WITH AN OPENING SYSTEM**

[54] **CAPSULE DE BOISSON AVEC SYSTEME D'OUVERTURE**

[72] AYOUB, MICHAEL, CH
[71] NESTEC S.A., CH
[85] 2015-03-13
[86] 2013-10-04 (PCT/EP2013/070663)
[87] (WO2014/053614)
[30] EP (12187336.8) 2012-10-05

[21] **2,884,881**
[13] A1

[51] **Int.Cl. H04N 19/30 (2014.01) H04N 19/46 (2014.01) H04N 19/70 (2014.01)**

[25] EN

[54] **IMPROVED SIGNALING OF LAYER IDENTIFIERS FOR OPERATION POINTS OF A VIDEO CODER**

[54] **SIGNALISATION AMELIOREE D'IDENTIFIANTS DE COUCHE POUR POINTS DE FONCTIONNEMENT DE CODEUR VIDEO**

[72] WANG, YE-KUI, US
[71] QUALCOMM INCORPORATED, US
[85] 2015-03-12
[86] 2013-10-01 (PCT/US2013/062890)
[87] (WO2014/055536)
[30] US (61/709,094) 2012-10-02
[30] US (14/042,416) 2013-09-30

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[21] **2,884,908**
[13] A1

[51] **Int.Cl. A01D 89/00 (2006.01)**
[25] EN
[54] **HARVESTED CROP PICK-UP**
[54] **RECOLTEUSE**
[72] REITER, THOMAS, AT
[71] REITER, THOMAS, AT
[85] 2015-03-13
[86] 2013-09-09 (PCT/EP2013/068619)
[87] (WO2014/040953)
[30] DE (10 2012 108 708.3) 2012-09-17

[21] **2,884,909**
[13] A1

[51] **Int.Cl. C07H 15/26 (2006.01) A61K 31/7048 (2006.01) A61K 31/7052 (2006.01) A61P 31/04 (2006.01) A61P 31/06 (2006.01)**
[25] EN
[54] **MACROLIDE DERIVATIVES, PREPARATION THEREOF AND THERAPEUTIC USE THEREOF**
[54] **DERIVES DE MACROLIDE, LEUR PREPARATION ET LEUR UTILISATION THERAPEUTIQUE**
[72] BAURIN, NICOLAS, FR
[72] BENEDETTI, YANNICK, FR
[72] BOULEY, EMMANUEL, FR
[72] ZHANG, JIDONG, FR
[71] SANOFI, FR
[85] 2015-03-13
[86] 2013-09-16 (PCT/EP2013/069185)
[87] (WO2014/044645)
[30] FR (1258744) 2012-09-18

[21] **2,884,910**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **VEGF NEUTRALIZING PRODRUGS FOR THE TREATMENT OF OCULAR CONDITIONS**
[54] **PRO-MEDICAMENTS DE NEUTRALISATION DE VEGF POUR LE TRAITEMENT D'ETATS OCULAIRES**
[72] RAU, HARALD, DE
[72] KNAPPE, THOMAS, DE
[72] LAUFER, BURKHARDT, DE
[72] REIMANN, ROMY, DE
[72] WEISBROD, SAMUEL, DE
[72] SPROGOE, KENNETT, US
[72] BISEK, NICOLA, DE
[72] STARK, SEBASTIAN, DE
[72] VOIGT, TOBIAS, DE
[71] ASCENDIS PHARMA
OPHTHALMOLOGY DIVISION A/S,
DK
[85] 2015-03-13
[86] 2013-10-08 (PCT/EP2013/070959)
[87] (WO2014/056923)
[30] EP (12188226.0) 2012-10-11

[21] **2,884,911**
[13] A1

[51] **Int.Cl. B66B 23/14 (2006.01)**
[25] EN
[54] **GUIDE STRIP FOR A GUIDE RAIL OF AN ESCALATOR OR A MOVING WALKWAY**
[54] **GLISSIERE DE GUIDAGE D'UN RAIL DE ROULEMENT D'UN ESCALIER ROULANT OU D'UN TAPIS ROULANT**
[72] MAKOVEC, CHRISTOPH, AT
[72] BURRI, JURG, CH
[72] MATHEISL, MICHAEL, AT
[72] ILLEDITS, THOMAS, AT
[72] NOVACEK, THOMAS, AT
[72] HAUER, UWE, DE
[72] NESZMERAK, WOLFGANG, AT
[71] INVENTIO AG, CH
[85] 2015-03-13
[86] 2013-09-18 (PCT/EP2013/069364)
[87] (WO2014/048808)
[30] EP (12186423.5) 2012-09-27

[21] **2,884,912**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/20 (2006.01)**
[25] EN
[54] **FAST DISINTEGRATING SOLID DOSAGE FORM FORMULATION COMPRISING FUNCTIONALIZED CALCIUM CARBONATE AND METHOD OF THEIR MANUFACTURE**
[54] **FORMULATION PHARMACEUTIQUE SOLIDE A DESINTEGRATION RAPIDE COMPRENANT DU CARBONATE DE CALCIUM FONCTIONNALISE ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] GERARD, DANIEL E., CH
[72] SCHOELKOPF, JOACHIM, CH
[72] GANE, PATRICK A. C., CH
[72] STRINIMANN, TANJA, CH
[72] ALLES, RAINER, CH
[72] PUCHKOV, MAXIM, CH
[72] HUWYLER, JORG, CH
[71] OMYA INTERNATIONAL AG, CH
[85] 2015-03-13
[86] 2013-10-10 (PCT/EP2013/071169)
[87] (WO2014/057038)
[30] EP (12188344.1) 2012-10-12
[30] US (61/713,671) 2012-10-15

[21] **2,884,913**
[13] A1

[51] **Int.Cl. B66B 7/06 (2006.01) B66B 7/12 (2006.01)**
[25] EN
[54] **SUPPORT MEANS FOR A LIFT INSTALLATION**
[54] **MOYEN DE SUSPENSION POUR UN SYSTEME D'ASCENSEUR**
[72] DOLD, FLORIAN, CH
[71] INVENTIO AG, CH
[85] 2015-03-13
[86] 2013-10-21 (PCT/EP2013/071910)
[87] (WO2014/064021)
[30] EP (12189368.9) 2012-10-22

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[21] **2,884,914**
[13] A1

[51] **Int.Cl. C07C 323/66 (2006.01) A61K 31/145 (2006.01) A61P 9/12 (2006.01) C07C 229/26 (2006.01)**

[25] EN

[54] **CRYSTALLINE PHASE OF (3S,3S') 4,4'-DISULFANEDIYLBIS(3-AMINOBTUTANE 1 -SULFONIC ACID) WITH L-LYSINE**

[54] **PHASE CRISTALLINE DE L'ACIDE (3S,3S') 4,4'-DISULFANEDIYLBIS(3-AMINOBTUTANE 1-SULFONIQUE) AVEC LA L-LYSINE**

[72] BALAVOINE, FABRICE, FR
[72] SCHNEIDER, JEAN-MARIE, FR
[72] COQUEREL, GERARD, FR
[72] COUV RAT, NICOLAS, FR
[71] QUANTUM GENOMICS, FR
[85] 2015-03-13
[86] 2013-10-22 (PCT/EP2013/072028)
[87] (WO2014/064077)
[30] EP (12306307.5) 2012-10-22

[21] **2,884,915**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**

[25] EN

[54] **STABILISATION OF BIOLOGICAL SAMPLES**

[54] **STABILISATION D'ECHANTILLONS BIOLOGIQUES**

[72] HORLITZ, MARTIN, DE
[72] SCHUBERT, ANNABELLE, DE
[72] SPRENGER-HAUSSELS, MARKUS, DE
[72] GUNTHER, KALLE, DE
[72] WYRICH, RALF, DE
[72] OELMULLER, UWE, DE
[71] QIAGEN GMBH, DE
[85] 2015-03-13
[86] 2013-09-25 (PCT/EP2013/070016)
[87] (WO2014/049022)
[30] EP (PCT/EP2012/068892) 2012-09-25
[30] EP (13159835.1) 2013-03-18

[21] **2,884,916**
[13] A1

[51] **Int.Cl. C08F 110/10 (2006.01) C08F 4/00 (2006.01)**

[25] EN

[54] **PROCESS FOR PREPARING POLYISOBUTENES**

[54] **PROCEDE DE PRODUCTION DE POLYISOBUTENES**

[72] LANGE, ARNO, DE
[72] KIEFER, MATTHIAS, DE
[72] KLEINER, MATTHIAS, DE
[72] CSIHONY, SZILARD, DE
[72] POSSELT, DIETMAR, DE
[71] BASF SE, DE
[85] 2015-03-13
[86] 2013-10-07 (PCT/EP2013/070825)
[87] (WO2014/056845)
[30] EP (12188381.3) 2012-10-12

[21] **2,884,917**
[13] A1

[51] **Int.Cl. B05D 3/00 (2006.01) B41M 3/14 (2006.01) B42D 15/00 (2006.01) C09D 11/00 (2014.01) H01F 41/14 (2006.01)**

[25] EN

[54] **IRREVERSIBLY MAGNETICALLY INDUCED IMAGES OR PATTERNS**

[54] **IMAGES OU DESSINS MAGNETIQUEMENT INDUITS IRREVERSIBLES**

[72] LEFEBVRE, OLIVIER, CH
[72] MAGNIN, PATRICK, FR
[72] SCHALLER, CHRISTOPHE, CH
[71] SICPA HOLDING SA, CH
[85] 2015-03-13
[86] 2013-10-22 (PCT/EP2013/072077)
[87] (WO2014/072172)
[30] EP (12191947.6) 2012-11-09

[21] **2,884,918**
[13] A1

[51] **Int.Cl. C07K 14/18 (2006.01) A61K 39/12 (2006.01) G01N 33/569 (2006.01)**

[25] EN

[54] **SALMONID ALPHAVIRUS AND USES THEREOF**

[54] **ALPHAVIRUS DE SALMONIDE ET SES UTILISATIONS**

[72] SIMARD, NATHALIE, CA
[72] HORNE, MICHAEL, GB
[71] NOVARTIS TIERGESUNDHEIT AG, CH
[85] 2015-03-11
[86] 2013-09-17 (PCT/EP2013/069241)
[87] (WO2014/041189)
[30] EP (12184758.6) 2012-09-17

[21] **2,884,919**
[13] A1

[51] **Int.Cl. G01N 33/557 (2006.01) C12Q 1/54 (2006.01) G01N 21/27 (2006.01) G01N 21/88 (2006.01) G01N 33/66 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **METHOD FOR ANALYZING A SAMPLE OF A BODY FLUID**

[54] **PROCEDE POUR ANALYSER UN ECHANTILLON D'UN FLUIDE CORPOREL**

[72] RINGEMANN, CHRISTIAN, DE
[72] PLUM, MARKUS, DE
[72] PETRICH, WOLFGANG, DE
[72] OTTENSTEIN, TIMO, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-03-13
[86] 2013-12-19 (PCT/EP2013/077363)
[87] (WO2014/096184)
[30] EP (12198443.9) 2012-12-20

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[21] **2,884,920**
[13] A1

[51] **Int.Cl. E21B 21/12 (2006.01) E21B 21/10 (2006.01)**
[25] EN
[54] **METHOD FOR INITIATING FLUID CIRCULATION USING DUAL DRILL PIPE**
[54] **PROCEDE PERMETTANT D'INITIER LA CIRCULATION D'UN FLUIDE EN UTILISANT UNE DOUBLE TIGE DE FORAGE**
[72] HOGSET, TORE, NO
[72] SYSE, HARALD, NO
[71] REELWELL AS, NO
[85] 2015-03-13
[86] 2013-09-16 (PCT/EP2013/069160)
[87] (WO2014/044637)
[30] US (13/625,016) 2012-09-24

[21] **2,884,921**
[13] A1

[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/505 (2006.01) A61K 31/506 (2006.01) A61K 31/519 (2006.01) A61P 29/00 (2006.01) A61P 37/08 (2006.01) C07D 239/48 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **2-(2-AMINOCYCLOHEXYL)AMINO-PYRIMIDINE-5-CARBOXAMIDES AS SPLEEN TYROSINE KINASE(SYK) INHIBITORS**
[54] **2-(2-AMINOCYCLOHEXYL)AMINOPYRIMIDINO-5-CARBOXAMIDES UTILISES COMME INHIBITEURS DE LA SPLEEN TYROSINE KINASE (SYK)**
[72] WHITLOCK, GAVIN A., GB
[72] GLOSSOP, PAUL ALAN, GB
[71] ZIARCO PHARMA LTD, GB
[85] 2015-03-13
[86] 2013-09-18 (PCT/GB2013/052440)
[87] (WO2014/045029)
[30] US (61/702,285) 2012-09-18

[21] **2,884,922**
[13] A1

[51] **Int.Cl. C07C 237/30 (2006.01) A61K 31/166 (2006.01) C07C 237/44 (2006.01) C07C 255/58 (2006.01) C07C 323/63 (2006.01) C07D 209/08 (2006.01) C07D 213/81 (2006.01) C07D 213/82 (2006.01) C07D 215/48 (2006.01) C07D 239/42 (2006.01) C07D 317/58 (2006.01) C07D 319/18 (2006.01) C07D 333/38 (2006.01) C07D 405/12 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **N-PROP-2-YNYL CARBOXAMIDE DERIVATIVES AND THEIR USE AS TRPA1 ANTAGONISTS**
[54] **DERIVES DE N-PROP-2-YNYL-CARBOXAMIDE ET LEUR UTILISATION A TITRE D'ANTAGONISTES DE TRPA1**
[72] ARVELA, RIINA, FI
[72] HEIKKINEN, TERHI, FI
[72] HOLM, PATRIK, FI
[72] PRUSIS, PETERIS, FI
[72] ROSLUND, MATTIAS, FI
[72] SALO, HARRI, FI
[71] ORION CORPORATION, FI
[85] 2015-03-13
[86] 2013-09-30 (PCT/FI2013/000034)
[87] (WO2014/053694)
[30] US (61/708330) 2012-10-01

[21] **2,884,923**
[13] A1

[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/196 (2006.01) A61K 31/4995 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY USING BELINOSTAT AND TRABECTEDIN**
[54] **POLYTHERAPIE UTILISANT LE BELINOSTAT ET LA TRABECTEDINE**
[72] ERICHSEN, KAMILLE DUMONG, DK
[71] ONXEO DK, BRANCH OF ONXEO S.A., FRANCE, DK
[85] 2015-03-13
[86] 2013-09-26 (PCT/IB2013/058891)
[87] (WO2014/049549)
[30] GB (1217439.7) 2012-09-28
[30] US (61/707,063) 2012-09-28

[21] **2,884,924**
[13] A1

[51] **Int.Cl. C09K 3/32 (2006.01) C09K 8/588 (2006.01)**
[25] EN
[54] **HYDROCARBONS**
[54] **HYDROCABURES**
[72] ALJUBORI, AHMED, CA
[72] JASKA, CORY, CA
[72] COBOS, SYGIFREDO, CA
[71] OILFLOW SOLUTIONS INC., CA
[85] 2015-03-13
[86] 2013-12-18 (PCT/GB2013/053331)
[87] (WO2014/096813)
[30] GB (1223171.8) 2012-12-21

[21] **2,884,925**
[13] A1

[51] **Int.Cl. B03C 1/14 (2006.01)**
[25] EN
[54] **DRUM FOR MAGNETIC SEPARATOR AND RELEVANT PRODUCTION METHOD**
[54] **TAMBOUR POUR SEPARATEUR MAGNETIQUE ET PROCEDE DE PRODUCTION ASSOCIE**
[72] MOLTENI, DANILO, IT
[71] SGM GANTRY S.P.A., IT
[85] 2015-03-13
[86] 2013-10-29 (PCT/IB2013/059749)
[87] (WO2014/072880)
[30] IT (MI2012A001901) 2012-11-08

[21] **2,884,926**
[13] A1

[51] **Int.Cl. A61K 31/4174 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **A VETERINARY METHOD OF ALLEVIATING NOISE AVERSION**
[54] **PROCEDE VETERINAIRE D'ATTENUATION D'AVERSION AU BRUIT**
[72] KOKKONEN, JOHANNA, FI
[72] KORPIVAARA, MIRA, FI
[72] SAREN, NINA, FI
[71] ORION CORPORATION, FI
[85] 2015-03-13
[86] 2013-10-14 (PCT/FI2013/000038)
[87] (WO2014/060638)
[30] US (61/713,858) 2012-10-15

Demandes PCT entrant en phase nationale

[21] **2,884,927**
[13] A1

[51] **Int.Cl. C07C 253/30 (2006.01) C07C 255/03 (2006.01) C07C 255/50 (2006.01) C07D 213/84 (2006.01) C07F 1/08 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING COMPLEX COMPOSED OF ORGANIC NITROGEN COMPOUND AND COPPER (I) SALT OF FLUOROOROXO ACID**

[54] **PROCEDE DE FABRICATION D'UN COMPLEXE SE COMPOSANT D'UN COMPOSE AZOTE ORGANIQUE ET D'UN SEL DE CUIVRE (I) D'UN FLUOROOROXO ACIDE**

[72] SAKAUE, SHIGEKI, JP
[72] FUJIWARA, TAKESHI, JP
[72] MATSUO, NAMI, JP
[71] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
[85] 2015-03-13
[86] 2013-07-22 (PCT/JP2013/069762)
[87] (WO2014/050272)
[30] JP (2012-217769) 2012-09-28

[21] **2,884,928**
[13] A1

[51] **Int.Cl. B22D 19/02 (2006.01)**

[25] EN

[54] **METHOD FOR MANUFACTURING STEEL CASTS**

[54] **PROCEDE POUR FABRIQUER DES PIECES COULEES EN ACIER**

[72] ANDREUSSI, ALBERTO, IT
[72] ANDREUSSI, PRIMO, IT
[72] PONTELLI, EDDY, IT
[72] VENEROSO, ENRICO, IT
[71] F. A. R. - FONDERIE ACCIAIERIE ROIALE - SPA, IT
[85] 2015-03-13
[86] 2013-09-04 (PCT/IB2013/001904)
[87] (WO2014/041409)
[30] IT (UD2012A000159) 2012-09-14

[21] **2,884,929**
[13] A1

[51] **Int.Cl. G01N 27/62 (2006.01) H01J 49/26 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR IDENTIFYING COMPOUNDS FROM MS/MS DATA WITHOUT PRECURSOR ION INFORMATION**

[54] **SYSTEMES ET PROCEDES PERMETTANT D'IDENTIFIER DES COMPOSES A PARTIR DE DONNEES DE SPECTROSCOPIE DE MASSE EN TANDEM SANS INFORMATIONS SUR LES IONS PRECURSEURS**

[72] TATE, STEPHEN A., CA
[72] BONNER, RONALD F., CA
[71] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
[85] 2015-03-13
[86] 2013-10-16 (PCT/IB2013/002304)
[87] (WO2014/076529)
[30] US (61/726,617) 2012-11-15

[21] **2,884,930**
[13] A1

[51] **Int.Cl. H02G 7/16 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR REMOVING MATERIAL FROM A POWER LINE WIRE**

[54] **PROCEDE ET DISPOSITIF POUR RETIRER UN MATERIAU D'UN FIL DE LIGNE DE PUISSANCE**

[72] JOKINEN, MARKO, FI
[71] GLOBAL BOILER WORKS OY, FI
[85] 2015-03-13
[86] 2013-09-20 (PCT/FI2013/050908)
[87] (WO2014/044915)
[30] FI (20125976) 2012-09-20

[21] **2,884,931**
[13] A1

[51] **Int.Cl. E06B 3/46 (2006.01) E05C 3/14 (2006.01) E05D 15/06 (2006.01)**

[25] EN

[54] **WINDOW AND DOOR SYSTEM HAVING EASILY CHANGEABLE STRUCTURE**

[54] **SYSTEME DE FENETRE ET DE PORTE A STRUCTURE POUVANT ETRE FACILEMENT CHANGEE**

[72] KIM, SOON SEOK, KR
[71] IDA CO., LTD., KR
[71] KIM, SOON SEOK, KR
[85] 2015-03-13
[86] 2013-08-22 (PCT/KR2013/007520)
[87] (WO2014/046388)
[30] KR (10-2012-0105793) 2012-09-24

[21] **2,884,932**
[13] A1

[51] **Int.Cl. B62B 9/10 (2006.01)**

[25] EN

[54] **SEAT AND PUSHCHAIR OR BUGGY PROVIDED WITH SUCH A SEAT**

[54] **SIEGE ET POUSSETTE OU POUSSETTE TOUT-TERRAIN COMPRENANT UN TEL SIEGE**

[72] DRIESSEN, FRANCISCUS JOHANNES CORNELIUS, NL
[71] MUTSY B.V., NL
[85] 2015-03-13
[86] 2013-09-13 (PCT/NL2013/050662)
[87] (WO2014/042533)
[30] NL (2009461) 2012-09-13

[21] **2,884,933**
[13] A1

[51] **Int.Cl. G01F 1/84 (2006.01) G01F 15/14 (2006.01) G01F 15/18 (2006.01)**

[25] EN

[54] **VIBRATING SENSOR ASSEMBLY WITH A ONE-PIECE CONDUIT MOUNT**

[54] **ENSEMBLE CAPTEUR DE VIBRATION A SUPPORT MONOBLOC DE MONTAGE SUR CONDUIT**

[72] WERBACH, CHRISTOPHER A., US
[72] LANHAM, GREGORY TREAT, US
[72] PICKETT, BETHANY, US
[71] MICRO MOTION, INC., US
[85] 2015-03-13
[86] 2012-09-18 (PCT/US2012/055912)
[87] (WO2014/046643)

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[21] **2,884,934**
[13] A1

[51] **Int.Cl. B62B 7/06 (2006.01)**
[25] EN
[54] **FRAME AND PUSHCHAIR OR BUGGY PROVIDED WITH A TELESCOPIC PUSH BAR**

[54] **CHASSIS ET POUSSETTE OU LANDAU EQUIPE D'UNE BARRE DE POUSSEE TELESCOPIQUE**

[72] DRIESSEN, FRANCISCUS
JOHANNES CORNELIUS, NL

[71] MUTSY B.V., NL
[85] 2015-03-13
[86] 2013-09-13 (PCT/NL2013/050663)
[87] (WO2014/051422)
[30] NL (2009460) 2012-09-13

[21] **2,884,935**
[13] A1

[51] **Int.Cl. B05B 1/32 (2006.01) A23B 7/158 (2006.01) A47F 3/00 (2006.01) A47F 3/04 (2006.01) A47F 7/00 (2006.01) B05B 1/14 (2006.01) B05B 1/26 (2006.01) B05B 7/00 (2006.01) F24F 6/14 (2006.01)**

[25] FR
[54] **FOG DISTRIBUTION HEAD FOR A FOGGING APPARATUS**

[54] **TETE DE DIFFUSION DE BROUILLARD POUR UNE INSTALLATION DE NEBULISATION**

[72] GSCHWIND, MICHEL, FR
[72] RICHARD, FREDERIC, FR
[71] ARECO FINANCES ET TECHNOLOGIE - ARFITEC, FR
[85] 2015-03-13
[86] 2013-09-18 (PCT/FR2013/052155)
[87] (WO2014/044971)
[30] FR (1258806) 2012-09-19

[21] **2,884,936**
[13] A1

[51] **Int.Cl. C09K 8/10 (2006.01) C09K 8/12 (2006.01) C09K 8/20 (2006.01) C09K 8/24 (2006.01)**

[25] EN
[54] **DRILLING FLUID COMPOSITIONS AND METHODS FOR USE THEREOF IN SUBTERRANEAN FORMATIONS**

[54] **COMPOSITIONS DE FLUIDE DE FORAGE ET LEURS PROCEDES D'UTILISATION DANS DES FORMATIONS SOUTERRAINES**

[72] KURI, LAURA P., US
[72] LANDIS, CHARLES, US
[72] COLLINS, RYAN, US
[72] DONALD, DAVID M., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-13
[86] 2012-10-30 (PCT/US2012/062590)
[87] (WO2014/070144)

[21] **2,884,938**
[13] A1

[51] **Int.Cl. A01K 61/00 (2006.01) A01K 63/00 (2006.01) A01K 63/04 (2006.01)**

[25] EN
[54] **DEVICE FOR A LAND-BASED AQUACULTURE FARM**

[54] **DISPOSITIF POUR FERME D'AQUACULTURE BASEE A TERRE**

[72] BREKKE, JAN ARNE, NO
[72] HESS-ERGA, OLE-KRISTIAN, NO
[71] SOGN AQUA AS, NO
[85] 2015-03-13
[86] 2012-10-30 (PCT/NO2012/050210)
[87] (WO2013/066188)
[30] NO (20111488) 2011-11-01

[21] **2,884,939**
[13] A1

[51] **Int.Cl. A23L 1/305 (2006.01) A23J 1/00 (2006.01) A23J 1/20 (2006.01) A23J 3/06 (2006.01) A23J 3/14 (2006.01)**

[25] FR
[54] **ASSEMBLY OF AT LEAST ONE VEGETABLE PROTEIN AND AT LEAST ONE DAIRY PROTEIN**

[54] **ASSEMBLAGE D'AU MOINS UNE PROTEINE VEGETALE ET D'AU MOINS UNE PROTEINE LAITIERE**

[72] BOURSIER, BERNARD, FR
[72] MORETTI, EMMANUELLE, FR
[72] RIBADEAU-DUMAS, GUILLAUME, FR
[72] BELAID, SALIHA, CM
[72] RIAUBLANC, ALAIN, FR
[72] GUEGUEN, JACQUES, FR
[72] LEPOUDERE, ANNE, FR
[72] SNAPPE, JEAN-JACQUES, FR
[72] COLIN, ISABELLE, FR
[71] ROQUETTE FRERES, FR
[71] INGREDIA, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, FR
[85] 2015-03-13
[86] 2013-09-23 (PCT/FR2013/052215)
[87] (WO2014/044990)
[30] FR (12 58903) 2012-09-21

[21] **2,884,940**
[13] A1

[51] **Int.Cl. G06Q 20/16 (2012.01) G06Q 20/20 (2012.01) G06Q 20/32 (2012.01)**

[25] EN
[54] **MOBILE PAYMENT SERVICE FOR SMALL FINANCIAL INSTITUTIONS**

[54] **SERVICE DE PAIEMENT MOBILE POUR DE PETITES INSTITUTIONS FINANCIERES**

[72] DUNN, ERIC C.W., US
[72] RAN, ALEXANDER S., US
[71] INTUIT INC., US
[85] 2015-03-13
[86] 2012-09-27 (PCT/US2012/057499)
[87] (WO2014/051586)
[30] US (13/626,776) 2012-09-25

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[21] **2,884,942**
[13] A1

[51] **Int.Cl. B66B 7/06 (2006.01) B66B 7/12 (2006.01)**

[25] EN

[54] **MONITORING OF SUPPORT MEANS IN LIFT INSTALLATIONS**

[54] **SURVEILLANCE DES MOYENS DE SUSPENSION DANS DES INSTALLATIONS D'ASCENSEURS**

[72] DOLD, FLORIAN, CH

[72] ZAPF, VOLKER, CH

[72] NEUMANN-HENNEBERG, WOLF, DE

[71] INVENTIO AG, CH

[85] 2015-03-13

[86] 2013-10-21 (PCT/EP2013/071911)

[87] (WO2014/064022)

[30] EP (12189370.5) 2012-10-22

[21] **2,884,943**
[13] A1

[51] **Int.Cl. B01J 8/00 (2006.01) B01J 8/06 (2006.01)**

[25] FR

[54] **PNEUMATIC SYSTEM FOR DENSE CATALYST LOADING IN BAYONET TUBES FOR A STEAM REFORMING REACTOR-EXCHANGER**

[54] **SYSTEME PNEUMATIQUE DE CHARGEMENT DENSE DE CATALYSEUR DANS DES TUBES A BAIONNETTE POUR REACTEUR ECHANGEUR DE VAPOREFORMAGE**

[72] SANZ, ELENA, FR

[72] BEAUMONT, ROBERT, FR

[72] BOYER, CHRISTOPHE, FR

[71] IFP ENERGIES NOUVELLES, FR

[85] 2015-03-13

[86] 2013-09-24 (PCT/FR2013/052239)

[87] (WO2014/060668)

[30] FR (12/02769) 2012-10-17

[21] **2,884,944**
[13] A1

[51] **Int.Cl. G01L 25/00 (2006.01) G01L 5/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR THREE DIMENSIONAL CALIBRATION OF FORCE PLATES**

[54] **SYSTEME ET PROCEDE DE CALIBRAGE TRIDIMENSIONNEL DE PLATEFORMES DE FORCE**

[72] WHITE, BRUCE F., US

[72] RULAND, FRED, US

[72] CARIGNAN, FOREST J., US

[72] DRUEDING, ALBERT, US

[72] GLASS, GARY, US

[71] ADVANCED MECHANICAL TECHNOLOGY, INC., US

[85] 2015-03-13

[86] 2012-09-28 (PCT/US2012/057703)

[87] (WO2014/051599)

[30] US (13/628,433) 2012-09-27

[21] **2,884,946**
[13] A1

[51] **Int.Cl. B01J 8/00 (2006.01) B01J 8/06 (2006.01)**

[25] FR

[54] **SYSTEM FOR DENSE CATALYST LOADING IN BAYONET TUBES FOR A STEAM REFORMING REACTOR-EXCHANGER, USING REMOVABLE HELICAL ELEMENTS**

[54] **SYSTEME DE CHARGEMENT DENSE DU CATALYSEUR DANS DES TUBES A BAIONNETTE POUR REACTEUR ECHANGEUR DE VAPOREFORMAGE FAISANT APPEL A DES ELEMENTS HELICOIDAUX AMOVIBLES**

[72] SANZ, ELENA, FR

[72] BEAUMONT, ROBERT, FR

[72] BERGEOT, GHISLAIN, FR

[72] BOYER, CHRISTOPHE, FR

[71] IFP ENERGIES NOUVELLES, FR

[85] 2015-03-13

[86] 2013-09-24 (PCT/FR2013/052240)

[87] (WO2014/060669)

[30] FR (12/02770) 2012-10-17

[21] **2,884,947**
[13] A1

[51] **Int.Cl. C08K 7/22 (2006.01) C04B 26/00 (2006.01) C08K 7/28 (2006.01) C08L 33/04 (2006.01) C08L 63/00 (2006.01) C08L 67/08 (2006.01) C08L 75/04 (2006.01)**

[25] EN

[54] **JOINT COMPOUND, WALL ASSEMBLY, AND METHODS AND PRODUCTS RELATED THERETO**

[54] **JOINT COMPOSITE, ASSEMBLAGE DE PAROIS ET PROCEDES ET PRODUITS S'Y RAPPORTANT**

[72] NEGRI, ROBERT H., US

[72] MIKLOSZ, MARK, US

[72] HARGROVE, PAMELA, US

[72] BURY, RAFAEL, US

[71] UNITED STATES GYPSUM COMPANY, US

[85] 2015-03-13

[86] 2013-09-25 (PCT/US2013/061521)

[87] (WO2014/052349)

[30] US (61/705,551) 2012-09-25

[30] US (13/842,342) 2013-03-15

[30] US (14/034,290) 2013-09-23

[21] **2,884,948**
[13] A1

[51] **Int.Cl. B01J 8/00 (2006.01) B01J 8/06 (2006.01)**

[25] FR

[54] **SYSTEM FOR DENSE CATALYST LOADING IN BAYONET TUBES FOR A STEAM REFORMING REACTOR-EXCHANGER**

[54] **SYSTEME DE CHARGEMENT DENSE DU CATALYSEUR DANS DES TUBES A BAIONNETTE POUR REACTEUR ECHANGEUR DE VAPOREFORMAGE**

[72] SANZ, ELENA, FR

[72] BEAUMONT, ROBERT, FR

[72] SVEZIA, DANIEL, FR

[72] BOYER, CHRISTOPHE, FR

[71] IFP ENERGIES NOUVELLES, FR

[85] 2015-03-13

[86] 2013-09-24 (PCT/FR2013/052242)

[87] (WO2014/060670)

[30] FR (12/02771) 2012-10-17

PCT Applications Entering the National Phase

[21] **2,884,950**
[13] A1

[51] **Int.Cl. C12P 19/04 (2006.01) C08B 37/00 (2006.01) C12N 9/10 (2006.01) C12P 19/18 (2006.01)**

[25] EN

[54] **GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS**

[54] **ENZYMES DE GLUCOSYLTRANSFERASE POUR L'OBTENTION DE POLYMERES DE GLUCANE**

[72] PAYNE, MARK S., US
[72] BRUN, YEFIM, US
[72] HE, HONGXIAN, US
[72] SCHOLZ, THOMAS, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US

[85] 2015-03-13
[86] 2013-09-25 (PCT/US2013/061579)
[87] (WO2014/052386)
[30] US (61/705,177) 2012-09-25
[30] US (61/705,178) 2012-09-25
[30] US (61/705,181) 2012-09-25
[30] US (61/705,180) 2012-09-25
[30] US (61/705,179) 2012-09-25

[21] **2,884,952**
[13] A1

[51] **Int.Cl. A46B 11/00 (2006.01)**

[25] EN

[54] **ORAL CARE IMPLEMENT INSTRUMENT DE SOINS BUCCAUX**

[72] WORTHINGTON, BRIAN G., US
[72] KENNEDY, SHARON, US
[72] JIMENEZ, EDUARDO, US
[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2015-03-13
[86] 2012-10-26 (PCT/US2012/062127)
[87] (WO2014/065817)

[21] **2,884,953**
[13] A1

[51] **Int.Cl. B01J 8/00 (2006.01) B01J 8/06 (2006.01)**

[25] FR

[54] **PNEUMATIC SYSTEM FOR DENSE CATALYST LOADING IN BAYONET TUBES FOR A STEAM REFORMING REACTOR-EXCHANGER, COMPRISING A REMOVABLE GAS SUPPLY TUBE**

[54] **SYSTEME PNEUMATIQUE DE CHARGEMENT DENSE DE CATALYSEUR DANS DES TUBES A BAIONNETTE POUR REACTEUR ECHANGEUR DE VAPOREFORMAGE AVEC TUBE D'AMENEE DE GAZ AMOVIBLE**

[72] SANZ, ELENA, FR
[72] BEAUMONT, ROBERT, FR
[72] BOYER, CHRISTOPHE, FR
[72] GONNET, DANIEL, FR
[71] IFP ENERGIES NOUVELLES, FR

[85] 2015-03-13
[86] 2013-09-24 (PCT/FR2013/052243)
[87] (WO2014/060671)
[30] FR (12/02772) 2012-10-17

[21] **2,884,954**
[13] A1

[51] **Int.Cl. A61K 49/00 (2006.01) A61B 8/00 (2006.01) A61K 41/00 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR IN VIVO PHOTOACOUSTIC DIAGNOSIS AND PHOTOTHERMAL PURGING OF INFECTED BLOOD**

[54] **DISPOSITIF ET METHODE POUR LE DIAGNOSTIC PHOTOACOUSTIQUE IN VIVO ET LA PURGE PHOTOTHERMIQUE DU SANG INFECTE**

[72] SMELTZER, MARK S., US
[72] ZHAROV, VLADIMIR, US
[72] GALANZHA, EKATERINA, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, US

[85] 2015-03-13
[86] 2013-09-25 (PCT/US2013/061673)
[87] (WO2014/052449)
[30] US (61/705,491) 2012-09-25

[21] **2,884,955**
[13] A1

[51] **Int.Cl. B01J 8/00 (2006.01) B01J 8/06 (2006.01)**

[25] FR

[54] **PNEUMATIC SYSTEM FOR DENSE CATALYST LOADING IN BAYONET TUBES FOR A STEAM REFORMING REACTOR-EXCHANGER, USING AN AUXILIARY TUBE FOR THE INTRODUCTION OF SOLID PARTICLES**

[54] **SYSTEME PNEUMATIQUE DE CHARGEMENT DENSE DE CATALYSEUR DANS DES TUBES A BAIONNETTE POUR REACTEUR ECHANGEUR DE VAPOREFORMAGE FAISANT APPEL A UN TUBE AUXILIAIRE POUR L'INTRODUCTION DES PARTICULES SOLIDES**

[72] SANZ, ELENA, FR
[72] BEAUMONT, ROBERT, FR
[72] BOYER, CHRISTOPHE, FR
[71] IFP ENERGIES NOUVELLES, FR

[85] 2015-03-13
[86] 2013-09-24 (PCT/FR2013/052244)
[87] (WO2014/060672)
[30] FR (12/02773) 2012-10-17

[21] **2,884,956**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01)**

[25] EN

[54] **IMIDAZOPYRIDINE DERIVATIVES**

[54] **DERIVES D'IMIDAZOPYRIDINE**

[72] CECCARELLI, SIMONA M., CH
[72] JAGASIA, RAVI, DE
[72] JAKOB-ROETNE, ROLAND, DE
[72] WICHMANN, JUERGEN, DE
[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2015-03-13
[86] 2013-11-26 (PCT/EP2013/074662)
[87] (WO2014/082979)
[30] EP (12194721.2) 2012-11-29

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[21] **2,884,957**
[13] A1

[51] **Int.Cl. A46B 11/00 (2006.01) B65D 75/36 (2006.01)**

[25] EN

[54] **ORAL CARE KIT AND PACKAGE FOR SAME**

[54] **TROUSSE DE SOIN BUCCAL ET EMBALLAGE POUR CELUI-CI**

[72] JIMENEZ, EDUARDO, US

[72] MOSKOVICH, ROBERT, US

[72] ROONEY, MICHAEL, US

[72] LEE, DAVID, US

[72] HOM, FRANK, US

[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2015-03-13

[86] 2012-11-19 (PCT/US2012/065792)

[87] (WO2014/077845)

[21] **2,884,958**
[13] A1

[51] **Int.Cl. B05B 9/04 (2006.01) A61M 3/02 (2006.01) A61M 5/142 (2006.01) B05B 9/08 (2006.01) B05B 11/00 (2006.01) B25G 1/10 (2006.01) F04B 43/12 (2006.01)**

[25] EN

[54] **HAND-HELD PUMP APPARATUS**

[54] **APPAREIL DE POMPAGE PORTATIF**

[72] TURNER, JEREMY, NZ

[71] TRISTEL PLC, GB

[85] 2015-03-13

[86] 2013-07-31 (PCT/GB2013/052046)

[87] (WO2014/064414)

[30] GB (1219216.7) 2012-10-25

[21] **2,884,959**
[13] A1

[51] **Int.Cl. A61K 35/12 (2015.01) A61P 9/00 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR TREATMENT OF BIOLOGICAL TISSUE**

[54] **METHODE ET SYSTEME DE TRAITEMENT DE TISSUS BIOLOGIQUES**

[72] MATHENY, ROBERT G., US

[71] CORMATRIX CARDIOVASCULAR, INC., US

[85] 2015-03-13

[86] 2013-06-15 (PCT/US2013/046039)

[87] (WO2014/046752)

[30] US (13/573,569) 2012-09-24

[21] **2,884,961**
[13] A1

[51] **Int.Cl. B05B 11/00 (2006.01) F04B 43/12 (2006.01)**

[25] EN

[54] **PUMP APPARATUS**

[54] **APPAREIL DE POMPAGE**

[72] TURNER, JEREMY, NZ

[71] TRISTEL PLC, GB

[85] 2015-03-13

[86] 2013-07-31 (PCT/GB2013/052047)

[87] (WO2014/064415)

[30] GB (1219218.3) 2012-10-25

[21] **2,884,963**
[13] A1

[51] **Int.Cl. A61K 9/12 (2006.01) A61K 47/10 (2006.01) A61K 47/44 (2006.01) A61P 31/04 (2006.01)**

[25] EN

[54] **ANTIMICROBIAL ALCOHOLIC FOAMABLE COMPOSITIONS**

[54] **COMPOSITIONS EXPANSIBLES ALCOOLISEES ANTIMICROBIENNES**

[72] COHEN, MITCHELL JARED, US

[71] GOJO INDUSTRIES, INC., US

[85] 2015-03-13

[86] 2013-08-09 (PCT/US2013/054304)

[87] (WO2014/042790)

[30] US (61/701,073) 2012-09-14

[30] US (13/828,174) 2013-03-14

[21] **2,884,964**
[13] A1

[51] **Int.Cl. A47J 43/07 (2006.01)**

[25] EN

[54] **BLADE ASSEMBLY FOR FOOD PROCESSOR AND FOOD PROCESSOR INCORPORATING SAME**

[54] **ENSEMBLE DE LAMES DE ROBOT MENAGER ET ROBOT MENAGER L'INCORPORANT**

[72] WADE, ADAM, GB

[72] HUNT, MARTIN, GB

[71] KENWOOD LIMITED, GB

[85] 2015-03-13

[86] 2013-09-10 (PCT/GB2013/052363)

[87] (WO2014/049329)

[30] GB (1217328.2) 2012-09-28

[21] **2,884,965**
[13] A1

[51] **Int.Cl. F16B 5/00 (2006.01) E04D 12/00 (2006.01) F16B 2/10 (2006.01)**

[25] EN

[54] **ROOF PANEL EDGE SUPPORT**

[54] **SUPPORT DE BORD DE PANNEAU DE TOIT**

[72] PISKLAK, STEPHEN G., US

[72] LANGMAID, JOSEPH A., US

[72] BUSCARINO, TIMOTHY J., US

[72] EURICH, GERALD A., US

[71] DOW GLOBAL TECHNOLOGIES LLC, US

[85] 2015-03-13

[86] 2013-08-14 (PCT/US2013/054903)

[87] (WO2014/051869)

[30] US (61/707,179) 2012-09-28

[21] **2,884,967**
[13] A1

[51] **Int.Cl. C07C 37/50 (2006.01) C07C 1/20 (2006.01) C07C 11/02 (2006.01) C07C 11/12 (2006.01) C07C 11/21 (2006.01) C07C 37/00 (2006.01) C07C 39/06 (2006.01) C07C 39/19 (2006.01) C07C 41/03 (2006.01) C07C 43/23 (2006.01)**

[25] EN

[54] **METATHESIS REACTIONS WITH CARDANOL AND/OR ANACARDIC ACID**

[54] **REACTIONS DE METATHESE AVEC LE CARDANOL ET/OU L'ACIDE ANACARDIQUE**

[72] JULIS, JENNIFER, DE

[72] COLE-HAMILTON, DAVID JOHN, GB

[72] CAZIN, CATHERINE, GB

[71] UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS, GB

[85] 2015-03-13

[86] 2013-09-11 (PCT/GB2013/052371)

[87] (WO2014/041344)

[30] GB (1216463.8) 2012-09-14

[30] GB (1216491.9) 2012-09-14

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[21] **2,884,970**
[13] A1

[51] **Int.Cl. G06F 21/62 (2013.01) H04L 9/08 (2006.01)**
[25] EN
[54] **CONTROLLING ACCESS TO CLINICAL DATA ANALYZED BY REMOTE COMPUTING RESOURCES**
[54] **CONTROLE DE L'ACCES A DES DONNEES CLINIQUES ANALYSEES PAR DES RESSOURCES INFORMATIQUES A DISTANCE**
[72] GROSS, BRIAN DAVID, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2015-03-13
[86] 2013-09-13 (PCT/IB2013/058520)
[87] (WO2014/045173)
[30] US (61/702,437) 2012-09-18

[21] **2,884,973**
[13] A1

[51] **Int.Cl. F03D 11/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MONITORING THE STATE OF ROTOR BLADES**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE SURVEILLER LES ETATS DE FONCTIONNEMENT DE PALES DE ROTOR**
[72] MULLER, MATHIAS, DE
[72] WOJTECH, ROLF, DE
[72] BUCK, THORBJORN, DE
[71] TECHNISCHE UNIVERSITAT MUNCHEN, DE
[85] 2015-03-13
[86] 2013-09-10 (PCT/EP2013/068705)
[87] (WO2014/044575)
[30] DE (10 2012 108 776.8) 2012-09-18

[21] **2,884,974**
[13] A1

[51] **Int.Cl. C08G 65/329 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING POLYROTAXANE**
[54] **PROCEDE DE FABRICATION DE POLYROTAXANE**
[72] YAMASAKI, TOMOAKI, JP
[72] KIMURA, AKIRA, JP
[72] OKAZAKI, HIROKI, JP
[72] ZHAO, CHANGMING, JP
[71] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
[71] ADVANCED SOFTMATERIALS INC., JP
[85] 2015-03-13
[86] 2013-09-09 (PCT/JP2013/074247)
[87] (WO2014/045921)
[30] JP (2012-205834) 2012-09-19

[21] **2,884,976**
[13] A1

[51] **Int.Cl. F01D 5/14 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH FORWARD MOMENT ARM**
[54] **TURBINE A GAZ A BRAS DE LEVIER AVANT**
[72] BOMZER, DAVID, US
[72] SCHWARZ, FREDERICK M., US
[71] UNITED TECHNOLOGIES CORPORATION, US
[85] 2015-03-13
[86] 2013-09-27 (PCT/US2013/062104)
[87] (WO2014/099085)
[30] US (61/708,240) 2012-10-01
[30] US (61/789,275) 2013-03-15

[21] **2,884,977**
[13] A1

[51] **Int.Cl. B62D 3/02 (2006.01) B62D 3/12 (2006.01)**
[25] EN
[54] **STEERING YOKE ASSEMBLY**
[54] **ENSEMBLE FOURCHE DE DIRECTION**
[72] WITTING, NICHOLAS, US
[71] SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, US
[85] 2015-03-13
[86] 2013-09-27 (PCT/US2013/062276)
[87] (WO2014/052813)
[30] US (61/708,003) 2012-09-30

[21] **2,884,989**
[13] A1

[51] **Int.Cl. A61M 25/02 (2006.01) A61M 5/158 (2006.01)**
[25] EN
[54] **LUER SECUREMENT DEVICE**
[54] **DISPOSITIF DE FIXATION DE SYSTEME LUER**
[72] BORNHOFT, STEPHEN, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2015-03-13
[86] 2013-09-10 (PCT/US2013/059053)
[87] (WO2014/043124)
[30] US (13/614,481) 2012-09-13

[21] **2,885,002**
[13] A1

[51] **Int.Cl. C07C 2/08 (2006.01) B01J 19/24 (2006.01) C07C 7/04 (2006.01) C07C 11/06 (2006.01)**
[25] EN
[54] **PROPYLENE VIA METATHESIS WITH LOW OR NO ETHYLENE**
[54] **PRODUCTION DE PROPYLENE PAR METATHESE AVEC PEU OU SANS ETHYLENE**
[72] STANLEY, STEPHEN J., US
[72] GARTSIDE, ROBERT J., US
[72] CHELLPPANNAIR, THULUSIDAS, US
[71] LUMMUS TECHNOLOGY INC., US
[85] 2015-03-13
[86] 2013-09-11 (PCT/US2013/059260)
[87] (WO2014/043232)
[30] US (61/701,144) 2012-09-14

Demandes PCT entrant en phase nationale

[21] **2,885,004**
[13] A1

[51] **Int.Cl. A61K 9/50 (2006.01) A23G 3/54 (2006.01) A23G 4/20 (2006.01) A23L 1/30 (2006.01) A61K 8/11 (2006.01)**

[25] EN

[54] **BUFFERED MICROENCAPSULATED COMPOSITIONS AND METHODS**

[54] **COMPOSITIONS MICROENCAPSULEES TAMPONNEES ET PROCEDES CORRESPONDANTS**

[72] LATTA, MARK A., US

[72] GROSS, STEPHEN M., US

[72] MCHALE, WILLIAM A., US

[71] PREMIER DENTAL PRODUCTS COMPANY, US

[85] 2015-03-13

[86] 2013-09-12 (PCT/US2013/059513)

[87] (WO2014/043385)

[30] US (13/619,128) 2012-09-14

[21] **2,885,006**
[13] A1

[51] **Int.Cl. F16H 25/12 (2006.01) B62M 1/32 (2013.01)**

[25] EN

[54] **SPIRAL GEAR SYSTEM**

[54] **SYSTEME D'ENGRENAGE EN SPIRALE**

[72] MILLER, CHRISTOPHER PHILLIP, US

[71] BOWBOARD, LLC, US

[85] 2015-03-13

[86] 2013-09-13 (PCT/US2013/059625)

[87] (WO2014/043450)

[30] US (61/701,279) 2012-09-14

[21] **2,885,011**
[13] A1

[51] **Int.Cl. G06K 19/077 (2006.01) G01K 1/02 (2006.01) G06K 7/00 (2006.01) G06K 19/07 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR PROVIDING PRODUCT INFORMATION**

[54] **APPAREIL ET PROCEDE DE FOURNITURE D'INFORMATIONS DE PRODUIT**

[72] JOYCE, JONATHAN LIVINGSTON, US

[72] STRIEMER, GRANT EDWARD, US

[72] SHERMAN, FAIZ FEISAL, US

[72] AMANN, MATHIAS, DE

[72] BOURILKOV, JORDAN TODOROV, US

[72] MORROW, MARK WAYNE, US

[72] DE CASTRO, JOSE TADEO VERGARA, US

[72] SPECHT, STEVEN JEFFREY, US

[71] THE GILLETTE COMPANY, US

[85] 2015-03-13

[86] 2013-09-13 (PCT/US2013/059664)

[87] (WO2014/043472)

[30] US (13/616,343) 2012-09-14

[21] **2,885,018**
[13] A1

[51] **Int.Cl. B65D 81/07 (2006.01) B65D 85/30 (2006.01)**

[25] EN

[54] **MULTI-LAYERED SUSPENSION PACKAGE ASSEMBLY**

[54] **ENSEMBLE EMBALLAGE A SUSPENSION MULTICOUCHE**

[72] MCDONALD, JOHN, US

[72] COMERFORD, FRANK, US

[72] COMERFORD, MYLES, US

[71] CLEARPAK, LLC, US

[85] 2015-03-13

[86] 2013-09-13 (PCT/US2013/059801)

[87] (WO2014/043569)

[30] US (13/620,543) 2012-09-14

[21] **2,885,021**
[13] A1

[51] **Int.Cl. F41C 3/14 (2006.01) F41A 9/27 (2006.01) F42B 5/02 (2006.01) F42B 5/30 (2006.01)**

[25] EN

[54] **OPEN CHAMBER MECHANISM AND AMMUNITION**

[54] **MECANISME ET MUNITION DE CHAMBRE OUVERTE**

[72] DARDICK, STEVEN MICHAEL, US

[72] DARDICK, THOMAS MICHAEL, US

[72] DARDICK, DAVID SCOTT, US

[71] OPEN CHAMBER SYSTEMS, LLC, US

[85] 2015-03-13

[86] 2013-09-16 (PCT/US2013/059903)

[87] (WO2014/109798)

[30] US (61/701,862) 2012-09-17

[30] US (61/701,853) 2012-09-17

[21] **2,885,022**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/51 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**

[25] EN

[54] **THERAPEUTIC NANOPARTICLES COMPRISING A THERAPEUTIC AGENT AND METHODS OF MAKING AND USING SAME**

[54] **NANOPARTICULES THERAPEUTIQUES COMPRENANT UN AGENT THERAPEUTIQUE ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**

[72] FIGUEIREDO, MARIA, US

[72] PEEKE, ERICK, US

[72] DEWITT, DAVID, US

[72] VAN GEEN HOVEN, CHRISTINA, US

[72] TROIANO, GREG, US

[72] WRIGHT, JAMES, US

[72] SONG, YOUNG-HO, US

[72] WANG, HONG, US

[71] BIND THERAPEUTICS, INC., US

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[30] US (61/732,510) 2012-12-03

[30] US (61/733,627) 2012-12-05

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[21] **2,885,024**
[13] A1

[51] **Int.Cl. A61K 31/401 (2006.01) A61P 31/14 (2006.01)**

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[54] **METHODS FOR TREATING HEPATITIS C**

[54] **METHODE DE TRAITEMENT DE L'HEPATITE C**

[72] PILOT-MATIAS, TAMI J., US

[72] KRISHNAN, PREETHI, US

[72] KATI, WARREN M., US

[72] COLLINS, CHRISTINE A., US

[72] MISTRY, NEETA C., US

[72] MARING, CLARENCE J., US

[72] DEGOEY, DAVID A., US

[72] PRATT, JOHN K., US

[72] LIU, DACHUN, US

[72] WAGNER, ROLF, US

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[87] (WO2014/047048)

[30] US (61/702,569) 2012-09-18

[21] **2,885,027**
[13] A1

[51] **Int.Cl. E21B 43/04 (2006.01) E21B 43/08 (2006.01) E21B 43/10 (2006.01)**

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[54] **WELLBORE APPARATUS AND METHOD FOR SAND CONTROL USING GRAVEL RESERVE**

[54] **APPAREIL DE FORAGE ET PROCEDE DE CONTROLE DU SABLE METTANT EN ŒUVRE UNE RESERVE DE GRAVIER**

[72] YEH, CHARLES S., US

[72] BARRY, MICHAEL D., US

[72] HECKER, MICHAEL T., US

[72] MOFFETT, TRACY J., US

[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US

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[21] **2,885,028**
[13] A1

[51] **Int.Cl. A61M 37/00 (2006.01) A61K 35/12 (2015.01)**

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[54] **MULTI-NEEDLE INJECTION APPARATUS AND SYSTEM FOR DELIVERING PHARMACOLOGICAL AGENTS TO BIOLOGICAL TISSUE**

[54] **APPAREIL D'INJECTION MULTI-AIGUILLES ET SYSTEME D'ADMINISTRATION D'AGENTS PHARMACOLOGIQUES DANS UN TISSU BIOLOGIQUE**

[72] MATHENY, ROBERT G, US

[72] HERSCHER, BRET, US

[72] PERRY, MICHAEL, US

[71] CORMATRIX CARDIOVASCULAR, INC., US

[85] 2015-03-13

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[21] **2,885,031**
[13] A1

[51] **Int.Cl. F16L 55/17 (2006.01)**

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[54] **SPIRAL WOUND GASKET**

[54] **JOINT SPIRALE**

[72] EVANS, WAYNE, US

[72] YODER, CHAD, US

[72] DAMDAR, SHERWIN, US

[72] NICHOLS, PAUL, US

[72] DIBBLE, RICHARD, US

[71] GARLOCK SEALING TECHNOLOGIES, LLC, US

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[87] (WO2014/081501)

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[30] US (13/645,320) 2012-10-04

[21] **2,885,033**
[13] A1

[51] **Int.Cl. F17D 3/01 (2006.01) F15D 1/02 (2006.01) F16L 55/02 (2006.01)**

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[54] **PIPELINE SYSTEMS AND METHODS**

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

[72] NORD, DUSTIN P., US

[72] O'DONNELL, CYNTHIA L., US

[71] NG1 TECHNOLOGIES, LLC, US

[85] 2015-03-13

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[21] **2,885,034**
[13] A1

[51] **Int.Cl. A61B 17/16 (2006.01) A61B 17/17 (2006.01) A61B 17/34 (2006.01)**

[25] EN

[54] **MULTIHOLE DRILL SLEEVE WITH PROTECTION SLEEVE**

[54] **MANCHON DE FORET MULTITROU POURVU D'UN MANCHON DE PROTECTION**

[72] FELDER, MARTIN, CH

[71] DEPUY SYNTHES PRODUCTS, INC., US

[85] 2015-03-13

[86] 2013-09-10 (PCT/US2013/058960)

[87] (WO2014/043093)

[30] US (61/701,070) 2012-09-14

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[21] **2,885,036**
[13] A1

[51] **Int.Cl. G01N 33/533 (2006.01) G01N 33/532 (2006.01) G01N 33/58 (2006.01)**

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[54] **METHOD FOR MARKING OR IMMOBILIZING A TARGET STRUCTURE**

[54] **PROCEDE DE MARQUAGE OU IMMOBILISATION D'UNE STRUCTURE CIBLE**

[72] SZARDENINGS, MICHAEL, DE

[72] GRUNWALD, INGO, DE

[72] RISCHKA, KLAUS, DE

[72] RICHTER, KATHARINA, DE

[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DD

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[30] US (61/701,133) 2012-09-14

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[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/19 (2006.01) A61K 31/4418 (2006.01) A61K 31/675 (2006.01) A61P 15/18 (2006.01) A61P 31/00 (2006.01)**

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[54] **TOPICAL PHARMACEUTICAL COMPOSITION**

[54] **COMPOSITION PHARMACEUTIQUE TOPIQUE**

[72] MALHOTRA, GEENA, IN

[72] PURANDARE, SHRINIVAS MADHUKAR, IN

[71] CIPLA LIMITED, IN

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[86] 2013-11-14 (PCT/GB2013/053001)

[87] (WO2014/041378)

[30] IN (2687/MUM/2012) 2012-09-14

[21] **2,885,039**
[13] A1

[51] **Int.Cl. A61L 26/00 (2006.01) A61P 7/04 (2006.01)**

[25] EN

[54] **VISCOUS HAEMOSTATIC COMPOSITIONS AND METHOD OF TREATMENT**

[54] **COMPOSITIONS HEMOSTATIQUES VISQUEUSES ET PROCEDE DE TRAITEMENT**

[72] EUTICK, MALVIN, AU

[71] EUPHARMA PTY LTD, AU

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[21] **2,885,041**
[13] A1

[51] **Int.Cl. C12N 9/10 (2006.01) C12N 1/15 (2006.01) C12N 1/21 (2006.01) C12N 9/18 (2006.01) C12P 7/64 (2006.01)**

[25] EN

[54] **ENZYME VARIANTS WITH IMPROVED ESTER SYNTHASE PROPERTIES**

[54] **VARIANTS D'ENZYME DONT LES PROPRIETES D'ESTER SYNTHASE SONT AMELIOREES**

[72] SHUMAKER, ANDREW, US

[72] DA COSTA, BERNARDO M., US

[72] HOLDEN, KEVIN, US

[72] HOM, LOUIS G., US

[72] BARON, TARAH S., US

[72] HELMAN, NOAH, US

[71] REG LIFE SCIENCES, LLC, US

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[30] US (61/708,424) 2012-10-01

[21] **2,885,042**
[13] A1

[51] **Int.Cl. A43B 7/14 (2006.01) A43B 13/12 (2006.01) A43B 13/16 (2006.01) A43B 13/18 (2006.01) A43B 13/20 (2006.01)**

[25] EN

[54] **SOLE STRUCTURES AND ARTICLES OF FOOTWEAR HAVING PLATE MODERATED FLUID-FILLED BLADDERS AND/OR FOAM TYPE IMPACT FORCE ATTENUATION MEMBERS**

[54] **STRUCTURE DE SEMELLE ET ARTICLES CHAUSSANTS AYANT DES ELEMENTS D'ATTENUATION DE FORCE D'IMPACT DU TYPE VESSIES ET/OU MOUSSE REMPLIES DE FLUIDE, MODERES PAR PLAQUE(S)**

[72] BRUCE, ROBERT M., US

[72] HEARD, JOSHUA P., US

[71] NIKE INNOVATE C.V., US

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[87] (WO2014/046915)

[30] US (13/623,701) 2012-09-20

[21] **2,885,047**
[13] A1

[51] **Int.Cl. B32B 27/10 (2006.01) C09J 7/02 (2006.01) D21H 27/00 (2006.01)**

[25] EN

[54] **METHOD OF MANUFACTURING REVERSE-PRINTED, PRESSURE SENSITIVE CUT LABELS**

[54] **PROCEDE DE FABRICATION D'ETIQUETTES DECOUPEES AUTO-ADHESIVES IMPRIMEES AU VERSO**

[72] GALOFF, TINA M., US

[72] HARVATH, PAT, US

[72] SCHUH, TODD, US

[71] OUTLOOK GROUP CORP., US

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[87] (WO2014/055403)

[30] US (61/708,633) 2012-10-01

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[13] A1

[51] **Int.Cl. F23R 3/28 (2006.01) F23R 3/14 (2006.01) F23R 3/34 (2006.01)**

[25] EN

[54] **COMBUSTOR WITH RADially STAGED PREMIXED PILOT FOR IMPROVED OPERABILITY**

[54] **CHAMBRE DE COMBUSTION COMPRENANT UN PILOTE PREMELANGE ETAGE DE FACON RADIALE POUR UNE MEILLEURE EXPLOITABILITE**

[72] STUTTAFFORD, PETER JOHN, US
[72] JORGENSEN, STEPHEN, US
[72] CHEN, YAN, US
[72] RIZKALLA, HANY, US
[72] OUMEJJOUD, KHALID, US
[72] METTERNICH, JEREMY, US
[71] ALSTOM TECHNOLOGY LTD., CH
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[86] 2013-09-30 (PCT/US2013/062678)
[87] (WO2014/099090)
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[30] US (14/038,029) 2013-09-26

[21] **2,885,052**
[13] A1

[51] **Int.Cl. F25J 1/02 (2006.01) F25J 3/00 (2006.01)**

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[54] **SEPARATING CARBON DIOXIDE FROM NATURAL GAS LIQUIDS**

[54] **SEPARATION DE DIOXYDE DE CARBONE DE LIQUIDES DU GAZ NATUREL**

[72] MOORKANIKKARA, SRINIVAS N., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[30] US (61/711,130) 2012-10-08

[21] **2,885,054**
[13] A1

[51] **Int.Cl. F16C 33/04 (2006.01) F16C 33/08 (2006.01)**

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[54] **ENSEMBLE DE PALIER**

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[72] SANCHEZ, ABE, US
[72] GRAHAM, BRIAN T., US
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[21] **2,885,055**
[13] A1

[51] **Int.Cl. B01J 8/18 (2006.01) C08F 2/34 (2006.01) C08F 10/00 (2006.01)**

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[54] **SYSTEMS AND PROCESSES FOR STORING RESIN**

[54] **SYSTEMES ET PROCESSUS DE STOCKAGE DE RESINE**

[72] WHITE, SIMON J., US
[72] HASBARGEN, ALISON H., US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2015-03-13
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[30] US (61/708,354) 2012-10-01

[21] **2,885,056**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 11/14 (2006.01)**

[25] EN

[54] **CREATING VALIDATED DATABASE SNAPSHOTS FOR PROVISIONING VIRTUAL DATABASES**

[54] **CREATION D'IMAGES INSTANTANEEES DE BASES DE DONNEES VALIDEES POUR ALIMENTER DES BASES DE DONNEES VIRTUELLES**

[72] STEWART, MICHAEL, US
[72] SRIHARI, VINAY, US
[72] SINHA, SUBHADEEP, US
[72] LEVENTHAL, ADAM, US
[72] AHRENS, MATTHEW, US
[71] DELPHIX CORP., US
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[87] (WO2014/055685)
[30] US (13/645,409) 2012-10-04

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[13] A1

[51] **Int.Cl. A46B 11/00 (2006.01) A46B 15/00 (2006.01)**

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[54] **ORAL CARE IMPLEMENT**

[54] **ACCESSOIRE DE SOIN BUCCAL**

[72] WORTHINGTON, BRIAN G., US
[72] KENNEDY, SHARON, US
[72] JIMENEZ, EDUARDO J., US
[71] COLGATE-PALMOLIVE COMPANY, US
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[86] 2013-10-07 (PCT/US2013/063678)
[87] (WO2014/066021)
[30] US (61/719,016) 2012-10-26

[21] **2,885,058**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**

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[54] **METHODS AND SYSTEMS FOR IDENTIFYING, FROM READ SYMBOL SEQUENCES, VARIATIONS WITH RESPECT TO A REFERENCE SYMBOL SEQUENCE**

[54] **PROCEDES ET SYSTEMES D'IDENTIFICATION, A PARTIR DE SEQUENCES DE SYMBOLES DE LECTURE, DE VARIATIONS PAR RAPPORT A UNE SEQUENCE DE SYMBOLES DE REFERENCE**

[72] BRUESTLE, JEREMY J., US
[71] SPIRAL GENETICS INC., US
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[87] (WO2014/058890)
[30] US (61/711,147) 2012-10-08

Demandes PCT entrant en phase nationale

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[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **RETRIEVING POINT-IN-TIME COPIES OF A SOURCE DATABASE FOR CREATING VIRTUAL DATABASES**
[54] **RECUPERATION DE COPIES INSTANTANÉES D'UNE BASE DE DONNÉES SOURCE POUR CRÉER DES BASES DE DONNÉES VIRTUELLES**
[72] AHRENS, MATTHEW, US
[72] SINHA, SUBHADEEP, US
[72] WILSON, GEORGE, US
[72] BISEDA, JEFFREY, US
[71] DELPHIX CORP., US
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[86] 2013-10-10 (PCT/US2013/064389)
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[30] US (61/712,765) 2012-10-11
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[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **TRAINING METHODS FOR IMPROVED ASSAYING OF PAIN IN CLINICAL TRIAL SUBJECTS**
[54] **PROCEDES DE FORMATION POUR AMÉLIORER L'ÉVALUATION DE LA DOULEUR CHEZ DES SUJETS D'ESSAIS CLINIQUES**
[72] KATZ, NATHANIEL, US
[72] TRUDEAU, JEREMIAH J., US
[71] ANALGESIC SOLUTIONS, US
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[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/958 (2013.01) A61M 25/10 (2013.01)**
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[54] **REINFORCED INFLATABLE MEDICAL DEVICES**
[54] **DISPOSITIFS MÉDICAUX GONFLABLES RENFORCÉS**
[72] TILSON, ALEXANDER Q., US
[72] DREYER, PAUL J., US
[72] BARHAM, MITCHELL C., US
[72] SCHEEFF, MARK C., US
[72] LOVE, CHARLES S., US
[72] GOMES, GARRETT J., US
[72] KURNIAWAN, JONATHAN, US
[72] MOORE, CAMERON S., US
[71] LOMA VISTA MEDICAL, INC., US
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[87] (WO2014/063039)
[30] US (61/715,761) 2012-10-18
[30] US (61/844,827) 2013-07-10

[21] **2,885,062**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MANAGING GLYCEMIC VARIABILITY**
[54] **SYSTÈMES ET PROCÉDES POUR GÉRER LA VARIABILITÉ GLYCEMIQUE**
[72] BHAVARAJU, NARESH C., US
[72] GARCIA, ARTURO, US
[72] MAYOU, PHIL, US
[72] PEYSER, THOMAS A., US
[72] KAMATH, APURV ULLAS, US
[72] MAHALINGAM, AARTHI, US
[72] SAYER, KEVIN, US
[72] HALL, THOMAS, US
[72] MENSINGER, MICHAEL ROBERT, US
[72] HAMPAPURAM, HARI, US
[72] PRICE, DAVID, US
[72] VALDES, JORGE, US
[72] KAZALBASH, MURRAD, US
[71] DEXCOM, INC., US
[85] 2015-03-13
[86] 2013-10-28 (PCT/US2013/067060)
[87] (WO2014/074338)
[30] US (61/723,642) 2012-11-07
[30] US (13/790,281) 2013-03-08

[21] **2,885,063**
[13] A1

[51] **Int.Cl. A47C 27/15 (2006.01) A47C 27/16 (2006.01) B68G 5/02 (2006.01)**
[25] EN
[54] **ALL-FOAM MATTRESS ASSEMBLIES WITH FOAM ENGINEERED CORES HAVING THERMOPLASTIC AND THERMOSET MATERIALS, AND RELATED ASSEMBLIES AND METHODS**
[54] **ENSEMBLES DE MATELAS ENTIÈREMENT EN MOUSSE AVEC COEURS USINÉS EN MATÉRIAUX THERMOPLASTIQUES ET THERMODURCIS, ET ENSEMBLES ET PROCÉDES ASSOCIÉS**
[72] LAUER, EDOUARD, US
[72] BREIDSPRECHER, MATTHIAS, US
[72] YOUNG, JULIAN THOMAS, US
[72] ALLMAN, MICHAEL, US
[71] NOEL GROUP LLC, US
[85] 2015-03-13
[86] 2013-10-30 (PCT/US2013/067427)
[87] (WO2014/074359)
[30] US (61/724,556) 2012-11-09

[21] **2,885,064**
[13] A1

[51] **Int.Cl. B01D 61/36 (2006.01) C10G 31/11 (2006.01) F02D 19/06 (2006.01)**
[25] EN
[54] **IMPROVED MEMBRANE SEPARATION PROCESS USING MIXED VAPOR-LIQUID FEED**
[54] **PROCEDE PERFECTIONNE DE SEPARATION PAR MEMBRANE A L'AIDE D'UNE ALIMENTATION VAPEUR-LIQUIDE MIXTE**
[72] PARTRIDGE, RANDALL D., US
[72] LUCCHESI, ROBERT P., US
[72] WALCHUK, GEORGE P., US
[72] FERRUGHELLI, DAVID T., US
[72] KELLOGG, GEORGE L., US
[72] BERGMAN, RICHARD, US
[72] DRURY, KENNETH JOSEPH, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2015-03-13
[86] 2013-11-12 (PCT/US2013/069565)
[87] (WO2014/078267)
[30] US (61/727,329) 2012-11-16

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[21] **2,885,065**
[13] A1

[51] **Int.Cl. G01V 3/08 (2006.01) G01V 3/12 (2006.01) G01V 3/38 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING A FRACTURE IN A ROCK FORMATION USING AN ELECTROMAGNETIC SOURCE**
[54] **SYSTEME ET PROCEDE PERMETTANT DE DETECTER UNE FRACTURE DANS UNE FORMATION ROCHEUSE AU MOYEN D'UNE SOURCE ELECTROMAGNETIQUE**
[72] HOVERSTEN, GARY MICHAEL, US
[72] ALUMBAUGH, DAVID LEE, US
[71] CHEVRON U.S.A. INC., US
[85] 2015-03-13
[86] 2013-11-14 (PCT/US2013/069991)
[87] (WO2014/133607)
[30] US (13/781,082) 2013-02-28

[21] **2,885,066**
[13] A1

[51] **Int.Cl. G01V 9/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DETERMINING MINIMUM POROSITY FOR PRESENCE OF CLATHRATES IN SEDIMENT**
[54] **PROCEDES ET SYSTEMES POUR DETERMINER LA POROSITE MINIMALE POUR LA PRESENCE DE CLATHRATES DANS UN SEDIMENT**
[72] DAIGLE, HUGH CALLAHAN, US
[72] BALCZEWSKI, JOHN THOMAS, US
[71] CHEVRON U.S.A. INC., US
[85] 2015-03-13
[86] 2013-11-15 (PCT/US2013/070243)
[87] (WO2014/078624)
[30] US (61/727,555) 2012-11-16
[30] US (61/727,560) 2012-11-16

[21] **2,885,070**
[13] A1

[51] **Int.Cl. G01V 9/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DETERMINING PORE SIZE IN SEDIMENT**
[54] **PROCEDES ET SYSTEMES POUR DETERMINER UNE TAILLE DE PORE DANS UN SEDIMENT**
[72] DAIGLE, HUGH CALLAHAN, US
[72] BALCZEWSKI, JOHN THOMAS, US
[71] CHEVRON U.S.A. INC., US
[85] 2015-03-13
[86] 2013-11-15 (PCT/US2013/070246)
[87] (WO2014/078626)
[30] US (61/727,567) 2012-11-16
[30] US (61/727,569) 2012-11-16

[21] **2,885,073**
[13] A1

[51] **Int.Cl. C22B 34/22 (2006.01)**
[25] EN
[54] **RECOVERY OF VANADIUM FROM PETROLEUM COKE SLURRY CONTAINING SOLUBILIZED BASE METALS**
[54] **RECUPERATION DU VANADIUM A PARTIR D'UNE SUSPENSION DE COKE DE PETROLE CONTENANT DES METAUX DE BASE SOLUBILISES**
[72] BHADURI, RAHUL SHANKAR, US
[72] ZESTAR, LAWRENCE PAUL, US
[71] CHEVRON U.S.A. INC., US
[85] 2015-03-13
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[30] US (13/784,325) 2013-03-04

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[54] **METHODS FOR PROCESSING ALLOYS**
[54] **PROCEDES DE TRAITEMENT D'ALLIAGES**
[72] FORBES JONES, ROBIN M., US
[72] MCDEVITT, ERIN T., US
[71] ATI PROPERTIES, INC., US
[85] 2015-03-13
[86] 2014-02-03 (PCT/US2014/014405)
[87] (WO2014/133718)
[30] US (13/777,066) 2013-02-26

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[25] EN
[54] **IMPROVING VELOCITY MODELS FOR PROCESSING SEISMIC DATA BASED ON BASIN MODELING**
[54] **AMELIORATION DE MODELES DE VITESSE POUR LE TRAITEMENT DE DONNEES SISMIQUES SUR LA BASE DE LA MODELISATION D'UN BASSIN**
[72] KACEWICZ, MAREK, US
[72] MUHURI, SANKAR KUMAR, US
[72] FEI, WEIHONG, US
[71] CHEVRON U.S.A. INC., US
[85] 2015-03-13
[86] 2014-02-05 (PCT/US2014/014842)
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[54] **IMPROVED RACK FOR HOLDING COOKWARE ON A COOKTOP**

[54] **GRILLE AMELIOREE POUR MAINTENIR UNE BATTERIE DE CUISINE SUR UNE SURFACE DE CUISSON**

[72] MOONEY, DEREK THOMAS, AU

[71] DNM ENGINEERING PTY LIMITED, AU

[85] 2015-03-16

[86] 2013-09-17 (PCT/AU2013/001061)

[87] (WO2014/040144)

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[13] A1

[51] **Int.Cl. H04L 12/26 (2006.01) H04L 12/24 (2006.01)**

[25] EN

[54] **NETWORK ADDRESS AND HOSTNAME MAPPING IN POLICY SERVICE**

[54] **TRANSCRIPTION D'ADRESSES RESEAU ET DE NOMS D'HOTES DANS UN SERVICE AVEC POLITIQUE**

[72] ERB, JEREMY, CA

[71] NETSWEEPER (BARBADOS) INC., BB

[85] 2015-03-16

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[13] A1

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[54] **GROUND ENGAGING SHAFT**

[54] **VIS DE TARIERE D'ATTAQUE DU SOL PRESENTANT UNE PLAQUE ROTATIVE**

[72] FOSTER, CLAYTON LEIGH, CA

[72] SUTHERLAND, PETER GLEN, CA

[71] FOSTER, CLAYTON LEIGH, CA

[71] SUTHERLAND, PETER GLEN, CA

[85] 2015-03-16

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[54] **METHOD AND DEVICE FOR GENERATING PROXIMITY WARNINGS**

[54] **PROCEDE ET DISPOSITIF PERMETTANT DE GENERER DES AVERTISSEMENTS DE PROXIMITE**

[72] STEGMAIER, PETER ARNOLD, CH

[72] SCHLAPBACH, ANDREA BORIS, CH

[72] ROTHACHER, URS, US

[71] SAFEMINE AG, CH

[85] 2015-03-16

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[25] EN

[54] **EDIBLE TEMPERATURE SENSITIVE COMPOSITIONS FOR FOOD PRODUCTS INDICATIVE OF CONSUMPTION SAFETY**

[54] **COMPOSITIONS COMESTIBLES SENSIBLES A LA TEMPERATURE POUR PRODUITS ALIMENTAIRES, INDIQUANT LE DEGRE DE SECURITE DE CONSOMMATION**

[72] BARBUT, SHAI, CA

[72] MARCONE, MASSIMO, CA

[72] WANG, SUNAN, CA

[71] UNIVERSITY OF GUELPH, CA

[85] 2015-03-16

[86] 2013-09-24 (PCT/CA2013/000812)

[87] (WO2014/043798)

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[51] **Int.Cl. B65C 9/18 (2006.01)**

[25] EN

[54] **LABELLING MACHINE AND METHOD FOR THE LABELLING OF OBJECTS**

[54] **MACHINE D'ETIQUETAGE EQUIPEE D'UN DISPOSITIF D'ENROULEMENT POUR UNE BANDE DE SUPPORT**

[72] WOLFF, PETER, DE

[71] ESPERA-WERKE GMBH, DE

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[87] (WO2014/060124)

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[21] **2,885,102**
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[51] **Int.Cl. H02J 13/00 (2006.01) G06Q 50/06 (2012.01)**

[25] EN

[54] **IMPROVING GENERATOR EFFICIENCY WITH AN ANCILLARY SERVICES NETWORK**

[54] **AMELIORATION DE L'EFFICACITE D'UN GENERATEUR AU MOYEN D'UN RESEAU DE SERVICES AUXILIAIRES**

[72] METCALFE, MALCOLM STUART, CA

[72] GASSNER, ANDREW ROSS, CA

[71] ENBALA POWER NETWORKS INC., CA

[85] 2015-03-16

[86] 2013-09-18 (PCT/CA2013/050715)

[87] (WO2014/043809)

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[54] **MULTI-DRIVER TRANSDUCER HAVING SYMMETRICAL MAGNETIC CIRCUITS AND SYMMETRICAL COIL CIRCUITS**
[54] **TRANSDUCTEUR A CIRCUITS D'EXCITATION MULTIPLES, COMPRENANT UN CIRCUIT MAGNETIQUE SYMETRIQUE ET UN CIRCUIT DE BOBINE SYMETRIQUE**
[72] ZHANG, FAN, CN
[71] ZHANG, FAN, CN
[85] 2015-03-16
[86] 2012-07-20 (PCT/CN2012/000977)
[87] (WO2013/010384)
[30] CN (201110216363.5) 2011-07-21

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[13] A1

[51] **Int.Cl. A61K 47/02 (2006.01)**
[25] EN
[54] **MAGNESIUM HYDROXIDE CARBONATE AS CARRIER MATERIAL IN ACTIVE INGREDIENT-CONTAINING PREPARATIONS**
[54] **CARBONATE D'HYDROXYDE DE MAGNESIUM EN TANT QU'EXCIPIENT DANS DES PREPARATIONS RENFERMANT UN PRINCIPE ACTIF**
[72] MODELMOG, GUENTER, DE
[72] OGNIBENE, ROBERTO, DE
[72] WEDEL, THORSTEN, DE
[72] LUBDA, DIETER, DE
[71] MERCK PATENT GMBH, DE
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[86] 2013-08-19 (PCT/EP2013/002490)
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[13] A1

[51] **Int.Cl. C07D 209/46 (2006.01) A61K 31/4035 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **USE OF 3-N-BUTYL ISOINDOLINE KETONE IN PREPARATION OF DRUGS FOR PREVENTING AND TREATING CEREBRAL INFARCTION**
[54] **UTILISATION DE 3-N-BUTYL ISOINDOLINE KETONE DANS LA PREPARATION DE MEDICAMENTS POUR PREVENIR ET TRAITER LES INFARCTUS CEREBRAUX**
[72] XU, WENKAI, CN
[72] ZHAO, CHUNSHUN, CN
[71] SUN YAT-SEN UNIVERSITY, CN
[71] ZHAO, CHUNSHUN, CN
[85] 2015-03-16
[86] 2013-09-10 (PCT/CN2013/083237)
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[13] A1

[51] **Int.Cl. B64F 1/305 (2006.01)**
[25] EN
[54] **CAB OF PASSENGER BOARDING BRIDGE AND PASSENGER BOARDING BRIDGE HAVING THE SAME AND DOCKING METHOD THEREOF**
[54] **DISPOSITIF D'ORIFICE DE SAISIE DE PASSERELLE D'EMBARQUEMENT ET PASSERELLE D'EMBARQUEMENT DOTE DE CELUI-CI ET PROCEDE DE SAISIE**
[72] XIANG, WEI, CN
[72] SHI, LEI, CN
[72] KANG, DA, CN
[72] ZHANG, ZHAOHONG, CN
[71] SHENZHEN CIMC-TIANDA AIRPORT SUPPORT LTD., CN
[71] CHINA INTERNATIONAL MARINE CONTAINERS(GROUP) CO., LTD., CN
[85] 2015-03-16
[86] 2013-08-09 (PCT/CN2013/081213)
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[13] A1

[51] **Int.Cl. C01B 31/04 (2006.01) H01M 4/58 (2010.01)**
[25] EN
[54] **HIGHLY DISPERSIBLE GRAPHENE COMPOSITION, PREPARATION METHOD THEREOF, AND ELECTRODE FOR LITHIUM ION SECONDARY BATTERY CONTAINING HIGHLY DISPERSIBLE GRAPHENE COMPOSITION**
[54] **COMPOSITION DE GRAPHENE HAUTEMENT DISPERSIBLE, PROCEDE DE PREPARATION DE CELLE-CI ET ELECTRODE POUR BATTERIE SECONDAIRE A IONS LITHIUM CONTENANT LA COMPOSITION DE GRAPHENE HAUTEMENT DISPERSIBLE**
[72] SUN, PEIYU, CN
[72] WU, ZHENQI, CN
[72] LIU, GANGQIAO, CN
[72] WU, GANG, CN
[72] TAMAKI, EIICHIRO, JP
[72] KUBOTA, YASUO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2015-03-16
[86] 2013-09-22 (PCT/CN2013/083920)
[87] (WO2014/044210)
[30] CN (201210359340.4) 2012-09-24

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[13] A1

[51] **Int.Cl. B61L 27/00 (2006.01) G01M 17/08 (2006.01)**
[25] EN
[54] **DIAGNOSTIC METHOD FOR RAIL VEHICLES**
[54] **PROCEDE DE DIAGNOSTIC POUR VEHICULES FERROVIAIRES**
[72] FISCHER, ERHARD, DE
[72] MULLER, THOMAS, DE
[72] POPP, FRANK, DE
[72] PUNSTEIN, DIRK, DE
[72] SCHULZE, CHRISTIAN, DE
[72] TONSING, EKKEHARD, DE
[71] SIEMENS AKTIENGESSELLSCHAFT, DE
[85] 2015-03-16
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[87] (WO2014/044484)
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[13] A1

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[25] EN
[54] **VIDEO ACQUISITION METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF D'ACQUISITION VIDEO**
[72] JI, XIAOCUI, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2015-03-16
[86] 2013-09-25 (PCT/CN2013/084154)
[87] (WO2014/048314)
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[13] A1

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[25] EN
[54] **PESTICIDAL MIXTURES COMPRISING JASMONIC ACID OR A DERIVATIVE THEREOF**
[54] **MELANGES PESTICIDES COMPRENANT DE L'ACIDE JASMONIQUE OU UN DERIVE DE CELUI-CI**
[72] GEWEHR, MARKUS, DE
[71] BASF SE, DE
[85] 2015-03-16
[86] 2013-09-27 (PCT/EP2013/070149)
[87] (WO2014/053398)
[30] US (61/708,065) 2012-10-01
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[13] A1

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[25] EN
[54] **METHOD FOR OBTAINING 1-KESTOSE**
[54] **PROCEDE D'OBTENTION DE 1-KESTOSE**
[72] PEREZ CRUZ, ENRIQUE ROSENDO, CU
[72] HERNANDEZ GARCIA, LAZARO, CU
[72] MARTINEZ GARCIA, DUNIESKY, CU
[72] TRUJILLO TOLEDO, LUIS ENRIQUE, CU
[72] MENENDEZ RODRIGUEZ, CARMEN, CU
[72] SOBRINO LEGON, ALINA, CU
[72] RAMIREZ IBANEZ, RICARDO, CU
[72] FEIJOO COSTA, GUMERSINDO, ES
[72] LEMA RODICIO, JUAN MANUEL, ES
[71] CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA, CU
[85] 2015-03-16
[86] 2013-09-18 (PCT/CU2013/000005)
[87] (WO2014/044230)
[30] CU (2012-0138) 2012-09-18

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[25] EN
[54] **INHIBITORS OF VIRAL REPLICATION, THEIR PROCESS OF PREPARATION AND THEIR THERAPEUTICAL USES**
[54] **INHIBITEURS DE LA REPLICATION VIRALE, LEUR PROCEDE DE PREPARATION ET LEURS UTILISATIONS THERAPEUTIQUES**
[72] BENAROUS, RICHARD, FR
[72] CHEVREUIL, FRANCIS, FR
[72] LEDOUSSAL, BENOIT, FR
[72] CHASSET, SOPHIE, FR
[72] LE STRAT, FREDERIC, FR
[71] LABORATOIRE BIODIM, FR
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[13] A1

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[25] EN
[54] **METHOD FOR DIAGNOSING RAILROAD COMPONENTS OF A RAILROAD NETWORK FOR RAIL TRANSPORT**
[54] **PROCEDE PERMETTANT DE DIAGNOSTIQUER DES ELEMENTS DE TRONCON D'UN RESEAU FERROVIAIRE**
[72] FISCHER, ERHARD, DE
[72] MULLER, THOMAS, DE
[72] POPP, FRANK, DE
[72] PUNSTEIN, DIRK, DE
[72] SCHULZE, CHRISTIAN, DE
[72] TONSING, EKKEHARD, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-03-16
[86] 2013-08-23 (PCT/EP2013/067508)
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[30] DE (102013201488.0) 2013-01-30

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[54] **TRASH BAG WITH INNER BAG**
[54] **SAC DE DECHETS AVEC SAC INTERIEUR**
[72] FRASER, ROBERT W., US
[72] BORCHARDT, MICHAEL G., US
[72] DORSEY, ROBERT T., US
[72] BINGER, SCOTT, US
[72] BROERING, SHAUN T., US
[72] MACPHERSON, JACK A., US
[71] THE GLAD PRODUCTS COMPANY, US
[85] 2015-03-17
[86] 2013-01-24 (PCT/US2013/022993)
[87] (WO2013/112737)
[30] US (13/357,892) 2012-01-25

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[13] A1

[51] **Int.Cl. C08J 9/00 (2006.01) C08J 9/14 (2006.01)**
[25] EN
[54] **PHENOLIC FOAM**
[54] **MOUSSE PHENOLIQUE**
[72] ROCHEFORT, MALCOLM, GB
[72] RIPLEY, LYNNE, GB
[72] HOLLAND, PHILIP, GB
[72] COPPOCK, VINCENT, GB
[71] KINGSPAN HOLDINGS (IRL) LIMITED, IE
[85] 2015-03-16
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[30] IE (2012/0408) 2012-09-18
[30] EP (12184818.8) 2012-09-18
[30] GB (1223270.8) 2012-12-21

[21] **2,885,128**
[13] A1

[51] **Int.Cl. B29C 45/14 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A MOLDED PART MADE OF PLASTIC AND PROVIDED WITH A UV-CURED PAINT, AND SAID MOLDED PART**
[54] **PROCEDE DE FABRICATION D'UNE PIECE MOULEE EN PLASTIQUE POURVUE D'UNE PEINTURE DURCIE PAR UV AINSI QUE PIECE MOULEE**
[72] LEONHARDT, KONSTANTIN, DE
[72] KUNZEL, ROLAND, DE
[72] HERDT, BJORN, DE
[72] DAHMEN, HANS-JORG, DE
[72] MUNDSTOCK, HOLGER, DE
[72] POPHUSEN, DIRK, DE
[71] BAYER MATERIALSCIENCE AG, DE
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[87] (WO2014/044694)
[30] EP (12185097.8) 2012-09-19

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[13] A1

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[25] FR
[54] **SASH WINDOW**
[54] **FENETRE A GUILLOTINE**
[72] DANAUD, PASCAL, FR
[72] BIGEARD, JOEL, FR
[72] LORY, ANTOINE, FR
[71] ATELIERS PERRAULT FRERES, FR
[85] 2015-03-16
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[13] A1

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[25] EN
[54] **RADIATION-CURING, WATER-DISPERSIBLE POLYURETHANE (METH)ACRYLATES**
[54] **(METH)ACRYLATES DE POLYURETHANE RADIODURCISSABLES DISPERSIBLES DANS L'EAU**
[72] BERGER, SEBASTIAN, US
[72] THURY, PETER, DE
[72] NEUMANN, SUSANNE, DE
[72] BECKER, TANJA, DE
[72] BECKER, AXEL, DE
[71] BASF SE, DE
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[30] US (61/717,644) 2012-10-24
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[21] **2,885,133**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 47/00 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **AGENTS AND METHODS**
[54] **AGENTS ET PROCEDES**
[72] COBBOLD, MARK, GB
[72] MILLAR, DAVID, GB
[71] THE UNIVERSITY OF BIRMINGHAM, GB
[85] 2015-03-16
[86] 2013-09-17 (PCT/GB2013/052427)
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[30] GB (1216649.2) 2012-09-18

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[13] A1

[51] **Int.Cl. B65D 81/32 (2006.01) B65D 85/804 (2006.01)**
[25] EN
[54] **CARD FOR CONTAINING FOOD OR BEVERAGE INGREDIENTS**
[54] **CARTE DESTINEE A RENFERMER DES INGREDIENTS POUR ALIMENTS OU BOISSONS**
[72] FLICK, JEAN-MARC, CH
[71] NESTEC S.A., CH
[85] 2015-03-16
[86] 2013-10-11 (PCT/EP2013/071309)
[87] (WO2014/057098)
[30] EP (12188389.6) 2012-10-12

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[51] **Int.Cl. G01R 31/12 (2006.01) G01R 31/11 (2006.01) G01R 31/34 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR REMOTE MONITORING OF PARTIAL DISCHARGE IN ELECTRICAL APPARATUS**
[54] **APPAREIL ET PROCEDE DE SURVEILLANCE A DISTANCE DE DECHARGE PARTIELLE DANS UN APPAREIL ELECTRIQUE**
[72] RENFORTH, LEE, GB
[72] GOODFELLOW, STEVEN, GB
[72] SELTZER-GRANT, MALCOLM, GB
[72] MACKINLAY, ROSS, GB
[71] HIGH VOLTAGE PARTIAL DISCHARGE LIMITED, GB
[85] 2015-03-16
[86] 2012-09-17 (PCT/GB2012/052290)
[87] (WO2013/038210)
[30] GB (1116088.4) 2011-09-16
[30] GB (1206645.2) 2012-04-16

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[13] A1

[51] **Int.Cl. C25B 1/04 (2006.01) B32B 17/00 (2006.01) C22C 19/00 (2006.01) C25B 9/04 (2006.01) C25B 9/06 (2006.01) H01M 8/02 (2006.01) H01M 8/12 (2006.01)**
[25] FR
[54] **COMPONENT CONSTITUTING AN HTE ELECTROLYSER INTERCONNECTOR OR SOFC FUEL CELL INTERCONNECTOR AND ASSOCIATED PRODUCTION PROCESSES**
[54] **COMPOSANT CONSTITUANT UN INTERCONNECTEUR D'ELECTROLYSEUR EHT OU DE PILE A COMBUSTIBLE SOFC ET PROCEDES DE REALISATION ASSOCIES**
[72] LAUCOURNET, RICHARD, FR
[72] DALMASSO, MYRIAM, FR
[72] RADO, CYRIL, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2015-03-16
[86] 2013-09-24 (PCT/IB2013/058814)
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[30] FR (12 59040) 2012-09-26

[21] **2,885,139**
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[51] **Int.Cl. C07D 213/55 (2006.01) A61K 31/352 (2006.01) A61K 31/381 (2006.01) A61K 31/415 (2006.01) A61K 31/4155 (2006.01) A61K 31/416 (2006.01) A61K 31/4418 (2006.01) A61K 31/4433 (2006.01) A61K 31/506 (2006.01) A61P 31/18 (2006.01) C07D 231/12 (2006.01) C07D 233/60 (2006.01) C07D 311/04 (2006.01) C07D 405/10 (2006.01) C07D 409/10 (2006.01)**
[25] EN
[54] **INHIBITORS OF VIRAL REPLICATION, THEIR PROCESS OF PREPARATION AND THEIR THERAPEUTICAL USES**
[54] **INHIBITEURS DE REPLICATION VIRALE, LEUR PROCEDE DE PREPARATION ET LEURS APPLICATIONS THERAPEUTIQUES**
[72] BENAROUS, RICHARD, FR
[72] CHEVREUIL, FRANCIS, FR
[72] LEDOUSSAL, BENOIT, FR
[72] CHASSET, SOPHIE, FR
[72] LE STRAT, FREDERIC, FR
[71] LABORATOIRE BIODIM, FR
[85] 2015-03-16
[86] 2013-10-11 (PCT/EP2013/071321)
[87] (WO2014/057103)
[30] US (61/712,674) 2012-10-11
[30] EP (12306244.0) 2012-10-11

[21] **2,885,142**
[13] A1

[51] **Int.Cl. B25B 27/02 (2006.01) B60C 25/00 (2006.01)**
[25] EN
[54] **LOCK RING SPREADER**
[54] **DISPOSITIF D'ECARTEMENT D'ANNEAU DE SERRAGE**
[72] HENSEL, LEONARD AUSTIN, US
[72] DAHL, AARON ROBERT, US
[72] CASTILLO, JOSE, US
[72] MORROW, RUSSELL KENNETH, US
[71] GKN ARMSTRONG WHELLS, INC., US
[85] 2015-03-16
[86] 2013-09-18 (PCT/US2013/060337)
[87] (WO2014/047133)
[30] US (61/703,441) 2012-09-20

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[21] **2,885,145**
[13] A1

[51] **Int.Cl. A61K 39/245 (2006.01)**
[25] EN
[54] **RECOMBINANT PARTICLE BASED VACCINES AGAINST HUMAN CYTOMEGALOVIRUS INFECTION**
[54] **VACCINS RECOMBINANTS A BASE DE PARTICULES CONTRE L'INFECTION PAR LE CYTOMEGALOVIRUS HUMAIN**
[72] WELLNITZ, SABINE, CH
[72] JOHN, CORINNE, CH
[72] SCHAUB, CHRISTIAN, CH
[71] REDVAX GMBH, CH
[85] 2015-03-16
[86] 2013-10-30 (PCT/EP2013/072717)
[87] (WO2014/068001)
[30] EP (12190652.3) 2012-10-30

[21] **2,885,148**
[13] A1

[51] **Int.Cl. C07D 487/14 (2006.01) A61K 31/5517 (2006.01) A61P 11/06 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **NOVEL GABAA AGONISTS AND METHODS OF USING TO CONTROL AIRWAY HYPERRESPONSIVENESS AND INFLAMMATION IN ASTHMA**
[54] **NOUVEAUX AGONISTES GABAA ET LEURS PROCEDES D'UTILISATION POUR LUTTER CONTRE L'HYPEREXCITABILITE ET L'INFLAMMATION BRONCHIQUES AU COURS DE L'ASTHME**
[72] STAFFORD, DOUGLAS C., US
[72] COOK, JAMES M., US
[72] ARNOLD, ALEXANDER E., US
[72] EMALA, CHARLES W., US
[72] GALLOS, GEORGE, US
[72] STEPHEN, MICHAEL RAJESH, US
[71] UWM RESEARCH FOUNDATION, INC., US
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
[85] 2015-03-16
[86] 2013-09-20 (PCT/US2013/060859)
[87] (WO2014/047413)
[30] US (61/703,902) 2012-09-21

[21] **2,885,149**
[13] A1

[51] **Int.Cl. A61L 2/28 (2006.01) G01N 25/60 (2006.01)**
[25] EN
[54] **STERILANT CHALLENGE DEVICE**
[54] **DISPOSITIF DE TEST DE STERILISANT**
[72] SCHUMACHER, KNUT, DE
[72] HERMSEN, ROBBERT-JAN, DE
[72] KUEPPER, ANTON, DE
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2015-03-16
[86] 2013-09-18 (PCT/US2013/060346)
[87] (WO2014/047139)
[30] GB (1216588.2) 2012-09-18

[21] **2,885,152**
[13] A1

[51] **Int.Cl. E21B 19/22 (2006.01) E21B 19/00 (2006.01) E21B 23/00 (2006.01)**
[25] EN
[54] **MODULAR COILED TUBING UNIT**
[54] **UNITE DE TUBULURE ENROULEE MODULAIRE**
[72] WITTE, BRETT, US
[72] PARK, DO SEO, US
[71] PREMIER COIL SOLUTIONS, INC., US
[85] 2015-03-16
[86] 2013-09-20 (PCT/US2013/060984)
[87] (WO2014/047474)
[30] US (61/703,672) 2012-09-20
[30] US (13/962,767) 2013-08-08

[21] **2,885,155**
[13] A1

[51] **Int.Cl. C07D 213/79 (2006.01) C07D 213/84 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF 2-TRIFLUOROMETHYL ISONICOTINIC ACID AND ESTERS**
[54] **PROCEDE DE PREPARATION D'ACIDE 2-TRIFLUOROMETHYL ISONICOTINIQUE ET DE SES ESTERS**
[72] TRUSSARDI, RENE, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-03-16
[86] 2013-11-13 (PCT/EP2013/073715)
[87] (WO2014/076127)
[30] EP (12193065.5) 2012-11-16

[21] **2,885,156**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTI-CD3 ANTIBODIES, BISPECIFIC ANTIGEN-BINDING MOLECULES THAT BIND CD3 AND CD20, AND USES THEREOF**
[54] **ANTICORPS ANTI-CD3, MOLECULES DE LIAISON A UN ANTIGENE BISPECIFIQUES QUI SE LIENT A CD3 ET CD20, ET LEURS UTILISATIONS**
[72] SMITH, ERIC, US
[72] PAPADOPOULOS, NICHOLAS, J., US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2015-03-16
[86] 2013-09-19 (PCT/US2013/060511)
[87] (WO2014/047231)
[30] US (61/704,029) 2012-09-21
[30] US (61/753,461) 2013-01-17
[30] US (61/763,110) 2013-02-11
[30] US (61/827,098) 2013-05-24

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[21] **2,885,160**
[13] A1

[51] **Int.Cl. A61F 2/36 (2006.01) A61F 2/30 (2006.01)**
[25] EN
[54] **FEMORAL HEADS, MOBILE INSERTS, ACETABULAR COMPONENTS, AND MODULAR JUNCTIONS FOR ORTHOPEDIC IMPLANTS AND METHODS OF USING FEMORAL HEADS, MOBILE INSERTS, ACETABULAR COMPONENTS, AND MODULAR JUNCTIONS FOR ORTHOPEDIC IMPLANTS**
[54] **TETES FEMORALES, INSERTS MOBILES, COMPOSANTS ACETABULAIRES ET JONCTIONS MODULAIRES POUR DES IMPLANTS ORTHOPEDIQUES, ET PROCEDES D'UTILISATION DE TETES FEMORALES, D'INSERTS MOBILES, DE COMPOSANTS ACETABULAIRES ET DE JONCTIONS MODULAIRES POUR DES IMPLANTS ORTHOPEDIQUES**
[72] MURATOGLU, ORHUN K., US
[72] VARADARAJAN, KARTIK MANGUDI, US
[72] MALCHAU, HENRIK, US
[72] RUBASH, HARRY E., US
[72] FREIBERG, ANDREW A., US
[72] DUFFY, MICHAEL PATRICK, US
[72] ZUMBRUNN, THOMAS, US
[71] THE GENERAL HOSPITAL CORPORATION DBA MASSACHUSETTS GENERAL HOSPITAL, US
[85] 2015-03-16
[86] 2013-09-27 (PCT/US2013/062203)
[87] (WO2014/052768)
[30] US (61/706,439) 2012-09-27
[30] US (61/706,449) 2012-09-27
[30] US (61/706,426) 2012-09-27
[30] US (61/784,272) 2013-03-14

[21] **2,885,161**
[13] A1

[51] **Int.Cl. C10L 3/10 (2006.01) F02C 3/22 (2006.01)**
[25] EN
[54] **INCREASING COMBUSTIBILITY OF LOW BTU NATURAL GAS AUGMENTATION DE LA COMBUSTIBILITE DE GAZ NATUREL A BAS POUVOIR CALORIFIQUE**
[72] STARCHER, LOREN K., US
[72] MITTRICKER, FRANKLIN F., US
[72] NOTHROP, P. SCOTT, US
[72] MART, CHARLES J., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2015-03-16
[86] 2013-09-30 (PCT/US2013/062702)
[87] (WO2014/062367)
[30] US (61/714,606) 2012-10-16

[21] **2,885,162**
[13] A1

[51] **Int.Cl. G06F 3/00 (2006.01) G06F 3/0488 (2013.01) G06F 3/01 (2006.01) G06F 3/03 (2006.01)**
[25] FR
[54] **METHODE DE SELECTION DE MODE D'INTERACTIVITE**
[54] **METHOD OF SELECTING INTERACTIVITY MODE**
[72] ANQUETIL, ERIC, FR
[72] ALMAKSOUR, ABDULLAH, FR
[72] RICHARD, GREGOIRE, FR
[71] INSTITUT NATIONAL DE SCIENCES APPLIQUEES, FR
[85] 2015-03-16
[86] 2013-09-19 (PCT/EP2013/069439)
[87] (WO2014/044740)
[30] FR (1258803) 2012-09-19

[21] **2,885,163**
[13] A1

[51] **Int.Cl. F23N 5/00 (2006.01)**
[25] EN
[54] **FLAME INSTABILITY MONITORING WITH DRAFT PRESSURE AND PROCESS VARIABLE**
[54] **SURVEILLANCE DE L'INSTABILITE DE COMBUSTION AVEC LA PRESSION DE TIRAGE ET UNE VARIABLE DE TRAITEMENT**
[72] MILLER, JOHN P., US
[72] SHARPE, JOSEPH H., US
[71] ROSEMOUNT INC., US
[85] 2015-03-16
[86] 2013-09-19 (PCT/US2013/060615)
[87] (WO2014/047284)
[30] US (61/703,977) 2012-09-21

[21] **2,885,164**
[13] A1

[51] **Int.Cl. F16K 27/00 (2006.01) F16L 9/02 (2006.01)**
[25] EN
[54] **LEAD-FREE HIGH TEMPERATURE/PRESSURE PIPING COMPONENTS AND METHODS OF USE**
[54] **ELEMENTS DE CANALISATION HAUTE TEMPERATURE/HAUTE PRESSION SANS PLOMB ET PROCEDES D'UTILISATION**
[72] BOBO, DAVID A., US
[72] CLARK, MARK A., US
[72] EDDS, AARON W., US
[72] LAWRENCE, BENJAMIN L., US
[72] STUTSMAN, CHARLES M., US
[71] NIBCO INC., US
[85] 2015-03-16
[86] 2013-10-02 (PCT/US2013/063059)
[87] (WO2014/055642)
[30] US (61/708,706) 2012-10-02
[30] US (13/796,447) 2013-03-12

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[21] **2,885,166**
[13] A1

[51] **Int.Cl. A63H 17/26 (2006.01)**
[25] EN
[54] **A TOY WHEEL ASSEMBLY AND A METHOD FOR MANUFACTURING THE SAME**
[54] **ENSEMBLE ROUE-JOUET ET SON PROCEDE DE FABRICATION**
[72] HOE, MIKKEL SCHILDKNECHT, DK
[71] LEGO A/S, DK
[85] 2015-03-16
[86] 2013-09-27 (PCT/EP2013/070205)
[87] (WO2014/049126)
[30] DK (PA 2012 70592) 2012-09-28

[21] **2,885,167**
[13] A1

[51] **Int.Cl. C07D 409/04 (2006.01) A61K 31/381 (2006.01) A61P 31/18 (2006.01) C07D 333/24 (2006.01) C07D 409/14 (2006.01) C07D 417/04 (2006.01) C07D 491/04 (2006.01) C07D 491/052 (2006.01) C07D 491/06 (2006.01)**
[25] EN
[54] **INHIBITORS OF VIRAL REPLICATION, THEIR PROCESS OF PREPARATION AND THEIR THERAPEUTICAL USES**
[54] **INHIBITEURS DE LA REPLICATION VIRALE, LEUR PROCEDE DE PREPARATION ET LEURS UTILISATIONS THERAPEUTIQUES**
[72] BENAROUS, RICHARD, FR
[72] CHEVREUIL, FRANCIS, FR
[72] LEDOUSSAL, BENOIT, FR
[72] CHASSET, SOPHIE, FR
[72] LE STRAT, FREDERIC, FR
[71] LABORATOIRE BIODIM, FR
[85] 2015-03-16
[86] 2013-10-07 (PCT/EP2013/070862)
[87] (WO2014/053666)
[30] EP (12187528.0) 2012-10-05
[30] US (61/710358) 2012-10-05

[21] **2,885,168**
[13] A1

[51] **Int.Cl. B01D 17/02 (2006.01) E21B 43/34 (2006.01) E21B 49/08 (2006.01) G01F 1/00 (2006.01) G01N 1/00 (2006.01)**
[25] EN
[54] **FACILITY FOR PROCESSING A MULTIPHASE FLUID AND METHOD FOR CHARACTERIZING SAID FLUID ONLINE**
[54] **INSTALLATION DE TRAITEMENT D'UN FLUIDE MULTIPHASIQUE ET PROCEDE DE CARACTERISATION EN LIGNE DUDIT FLUIDE**
[72] SZYMKOWIAK, BERTRAND JEAN, FR
[72] LECOFFRE, YVES LOUIS LEON MARIE, FR
[72] MAJ, GUILLAUME DANIEL GHISLAIN, FR
[71] WINTECH GLOBAL, FR
[85] 2015-03-16
[86] 2013-09-18 (PCT/FR2013/052158)
[87] (WO2014/044973)
[30] FR (1258761) 2012-09-18

[21] **2,885,170**
[13] A1

[51] **Int.Cl. B29C 45/14 (2006.01) G01N 15/10 (2006.01) G01N 15/14 (2006.01)**
[25] EN
[54] **NOZZLE ASSEMBLY FOR A FLOW CYTOMETER SYSTEM AND METHODS OF MANUFACTURE**
[54] **ENSEMBLE BUSE D'UN SYSTEME DE CYTOMETRE DE FLUX ET PROCEDES DE FABRICATION**
[72] BUCHANAN, KRIS, US
[72] SHARPE, JOHNATHAN CHARLES, NZ
[72] EVANS, KENNETH MICHAEL, US
[71] INGURAN, LLC, US
[85] 2015-03-16
[86] 2013-03-14 (PCT/US2013/031787)
[87] (WO2014/046733)
[30] US (61/703,102) 2012-09-19

[21] **2,885,171**
[13] A1

[51] **Int.Cl. H04R 1/24 (2006.01) H04R 9/02 (2006.01) H04R 9/04 (2006.01)**
[25] EN
[54] **COAXIAL LOUDSPEAKER ARRANGEMENT**
[54] **AGENCEMENT DE HAUT-PARLEUR COAXIAL**
[72] PAPP, GERGELY, HU
[71] PAPP, GERGELY, HU
[71] MAGYAR INNOVACIOS SZOVETSEG, HU
[71] NOVINEX INNOVACIO- ES KUTATAS-HASZNOSITO IRODA, HU
[85] 2015-03-16
[86] 2013-09-16 (PCT/HU2013/000094)
[87] (WO2014/045070)
[30] HU (PI200534) 2012-09-17

[21] **2,885,173**
[13] A1

[51] **Int.Cl. E05F 3/12 (2006.01) E05F 1/12 (2006.01) E05F 3/20 (2006.01)**
[25] EN
[54] **HINGE DEVICE FOR DOORS, SHUTTERS AND THE LIKE**
[54] **DISPOSITIF CHARNIERE POUR PORTES, VOLETS ET SIMILAIRES**
[72] BACCHETTI, LUCIANO, IT
[71] IN & TEC S.R.L., IT
[85] 2015-03-16
[86] 2013-10-04 (PCT/IB2013/059120)
[87] (WO2014/054028)
[30] IT (VI2012A000254) 2012-10-04
[30] IT (VI2012A000255) 2012-10-04

[21] **2,885,174**
[13] A1

[51] **Int.Cl. E21B 33/13 (2006.01) C09K 8/42 (2006.01)**
[25] EN
[54] **STATIC GEL STRENGTH TESTING**
[54] **ANALYSE DE RESISTANCE STATIQUE DE GEL**
[72] GAUGLER, DREW H., US
[72] MORGAN, RONNIE G., US
[72] GRAY, DENNIS, US
[72] PINDIPROLU, SAIRAM K.S., IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-16
[86] 2013-05-15 (PCT/US2013/041121)
[87] (WO2014/185899)

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[21] **2,885,175**
[13] A1

[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING PAIN**
[54] **SYSTEME ET PROCEDE DE GESTION DE LA DOULEUR**
[72] RAHIMI, SHAUN RAMIN, US
[72] VICKERS, EARL CORBAN, US
[71] THIMBLE BIOELECTRONICS, INC., US
[85] 2015-03-16
[86] 2013-07-26 (PCT/US2013/052225)
[87] (WO2014/022215)
[30] US (61/676,908) 2012-07-28

[21] **2,885,177**
[13] A1

[51] **Int.Cl. B60R 1/08 (2006.01) B60R 1/10 (2006.01) B60R 21/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING FRONT-ORIENTED VISUAL INFORMATION TO VEHICLE DRIVER**
[54] **SYSTEME ET PROCEDE DE FOURNITURE D'INFORMATIONS VISUELLES ORIENTEES VERS L'AVANT A UN CONDUCTEUR DE VEHICULE**
[72] PETRILLO, STEVEN R., US
[72] ROEGER, ROBERT MICHAEL, US
[71] KLEAR-VIEW CAMERA, LLC, US
[85] 2015-03-16
[86] 2013-08-14 (PCT/US2013/054828)
[87] (WO2014/070276)
[30] US (13/587,548) 2012-08-16
[30] US (61/860,573) 2013-07-31

[21] **2,885,178**
[13] A1

[51] **Int.Cl. F03G 7/06 (2006.01)**
[25] EN
[54] **THERMOACOUSTIC TRANSDUCER APPARATUS INCLUDING A TRANSMISSION DUCT**
[54] **APPAREIL TRANSDUCTEUR THERMO-ACOUSTIQUE COMPRENANT UNE CONDUITE DE TRANSMISSION**
[72] STEINER, THOMAS WALTER, CA
[72] MEDARD DE CHARDON, BRIAC, CA
[72] GOTTFRIED, KRISTJAN TOD, CA
[72] KLOPFER, RONALD GREGORY, CA
[71] ETALIM INC., CA
[85] 2015-03-16
[86] 2013-09-17 (PCT/CA2013/000794)
[87] (WO2014/043790)
[30] US (61/702,918) 2012-09-19

[21] **2,885,179**
[13] A1

[51] **Int.Cl. E05D 11/06 (2006.01) E05F 1/12 (2006.01) E05F 3/12 (2006.01) E05F 3/20 (2006.01)**
[25] EN
[54] **HINGE DEVICE FOR DOORS, SHUTTERS AND THE LIKE**
[54] **DISPOSITIF CHARNIERE POUR PORTES, VOLETS ET SIMILAIRES**
[72] BACCHETTI, LUCIANO, IT
[71] IN & TEC S.R.L., IT
[85] 2015-03-16
[86] 2013-10-04 (PCT/IB2013/059121)
[87] (WO2014/054029)
[30] IT (VI2012A000249) 2012-10-04
[30] IT (VI2012A000250) 2012-10-04

[21] **2,885,180**
[13] A1

[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/4192 (2006.01) A61K 31/4245 (2006.01) A61K 31/4439 (2006.01) A61P 25/00 (2006.01) C07D 413/04 (2006.01)**
[25] EN
[54] **OREXIN RECEPTOR ANTAGONISTS WHICH ARE [ORTHO BI-(HETERO-)ARYL]-[2-(META BI-(HETERO-)ARYL)-PYRROLIDIN-1-YL]-METHANONE DERIVATIVES**
[54] **ANTAGONISTES DES RECEPTEURS DE L'OREXINE, QUI SONT DES DERIVES [ORTHO BI (HETERO)ARYL]-[2-(META BI (HETERO)ARYL)-PYRROLIDIN-1-YL]-METHANONE**
[72] BOLLI, MARTIN, CH
[72] BOSS, CHRISTOPH, CH
[72] BROTSCHI, CHRISTINE, CH
[72] GUDE, MARKUS, CH
[72] HEIDMANN, BIBIA, CH
[72] SIFFERLEN, THIERRY, CH
[72] WILLIAMS, JODI T., CH
[71] ACTELION PHARMACEUTICALS LTD, CH
[85] 2015-03-16
[86] 2013-10-09 (PCT/IB2013/059233)
[87] (WO2014/057435)
[30] EP (12188019.9) 2012-10-10
[30] EP (13157809.8) 2013-03-05

[21] **2,885,181**
[13] A1

[51] **Int.Cl. A61B 5/103 (2006.01) A61B 3/113 (2006.01) A61B 5/11 (2006.01) G02C 7/02 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **METHOD FOR MEASURING THE VISUALLY-INDUCED POSTURAL INSTABILITY OF A PERSON**
[54] **PROCEDE DE MESURE DE L'INSTABILITE POSTURALE VISUELLEMENT INDUITE D'UN INDIVIDU**
[72] FAUBERT, JOCELYN, CA
[72] GIRAUDET, GUILLAUME, CA
[72] DOTI, RAFAEL, CA
[72] LUGO, EDUARDO, CA
[71] ESSILOR CANADA LTEE, CA
[71] UNIVERSITE DE MONTREAL, CA
[85] 2015-03-16
[86] 2013-09-11 (PCT/CA2013/050699)
[87] (WO2014/040186)
[30] EP (12184731.3) 2012-09-17

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[21] **2,885,182**
[13] A1

[51] **Int.Cl. H04L 12/22 (2006.01) G06F 21/55 (2013.01) G08B 13/16 (2006.01)**

[25] EN

[54] **DETECTION AND RESPONSE TO UNAUTHORIZED ACCESS TO A COMMUNICATION DEVICE**

[54] **DETECTION D'UN ACCES NON AUTORISE A UN DISPOSITIF DE COMMUNICATION, ET REPOSE A LADITE DETECTION D'UN ACCES NON AUTORISE**

[72] SMITH, RHETT, US
[72] GORDON, COLIN, US

[71] SCHWEITZER ENGINEERING LABORATORIES, INC., US

[85] 2015-03-16
[86] 2013-10-03 (PCT/US2013/063202)
[87] (WO2014/058699)
[30] US (61/713,391) 2012-10-12
[30] US (13/829,047) 2013-03-14

[21] **2,885,183**
[13] A1

[51] **Int.Cl. H04L 12/66 (2006.01) H04L 29/06 (2006.01) H04M 11/00 (2006.01)**

[25] EN

[54] **CLASS 4 LONG DISTANCE SOFTSWITCH NETWORK WITH INTEGRATED CLASS 5 APPLICATION SERVICES**

[54] **RESEAU DE COMMUTATEUR LOGICIEL LONGUE DISTANCE DE CLASSE 4 DOTE DE SERVICES D'APPLICATION DE CLASSE 5 INTEGRES**

[72] TERPSTRA, RICHARD DEAN, US
[72] GUALTIERI, GREGORY ANTHONY, US

[71] LEVEL 3 COMMUNICATIONS, LLC, US

[85] 2015-03-16
[86] 2013-10-04 (PCT/US2013/063410)
[87] (WO2014/055841)
[30] US (13/644,987) 2012-10-04

[21] **2,885,184**
[13] A1

[51] **Int.Cl. G06F 3/048 (2013.01) G06F 3/041 (2006.01) G06F 3/14 (2006.01)**

[25] EN

[54] **HYBRID SYSTEMS AND METHODS FOR LOW-LATENCY USER INPUT PROCESSING AND FEEDBACK**

[54] **SYSTEMES ET METHODES HYBRIDES POUR LE TRAITEMENT ET LA RETROACTION DE SAISIE D'UTILISATEUR A FAIBLE LATENCE**

[72] WIGDOR, DANIEL, US
[72] SANDERS, STEVEN LEONARD, US
[72] COSTA, RICARDO JORGE JOTA, CA
[72] FORLINES, CLIFTON, US

[71] TACTUAL LABS CO., US

[85] 2015-03-16
[86] 2013-10-04 (PCT/US2013/063569)
[87] (WO2014/055942)
[30] US (61/710,256) 2012-10-05

[21] **2,885,185**
[13] A1

[51] **Int.Cl. H02H 7/26 (2006.01) G01R 31/08 (2006.01) H02H 3/00 (2006.01) H02J 13/00 (2006.01)**

[25] EN

[54] **COORDINATED HIGH-IMPEDANCE FAULT DETECTION SYSTEMS AND METHODS**

[54] **SYSTEMES ET PROCEDES DE DETECTION COORDONNEE D'UN DEFAUT D'IMPEDANCE ELEVEE**

[72] SCHWEITZER, EDMUND O., III, US
[72] MYNAM, MANGAPATHIRAO VENKATA, US

[72] HOU, DAQING, US

[71] SCHWEITZER ENGINEERING LABORATORIES, INC., US

[85] 2015-03-16
[86] 2013-10-11 (PCT/US2013/064695)
[87] (WO2014/059371)
[30] US (61/713,392) 2012-10-12
[30] US (14/052,449) 2013-10-11

[21] **2,885,186**
[13] A1

[51] **Int.Cl. F16B 1/00 (2006.01) H02S 20/20 (2014.01) F16B 7/00 (2006.01) F16B 12/32 (2006.01) F24J 2/52 (2006.01)**

[25] EN

[54] **SLIDE-ON STRUCTURAL POSITIONER**

[54] **POSITIONNEUR STRUCTURAL COULISSANT**

[72] SCHUIT, NATHAN, US
[72] WOMACKS, DARREN, US

[71] UNIRAC, INC., US

[85] 2015-03-16
[86] 2013-10-16 (PCT/US2013/065180)
[87] (WO2014/062766)
[30] US (13/653,020) 2012-10-16

[21] **2,885,187**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61K 48/00 (2006.01) C12N 15/63 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSTIONS FOR THE SPECIFIC INHIBITION OF MYC BY DOUBLE-STRANDED RNA**

[54] **PROCEDES ET COMPOSITIONS POUR L'INHIBITION SPECIFIQUE DE MYC PAR ARN A DOUBLE BRIN**

[72] BROWN, BOB D., US
[72] DUDEK, HENRYK T., US

[71] DICERNA PHARMACEUTICALS, INC., US

[85] 2015-03-16
[86] 2013-09-12 (PCT/US2013/059391)
[87] (WO2014/043311)
[30] US (61/701,136) 2012-09-14
[30] US (61/786,695) 2013-03-15

Demandes PCT entrant en phase nationale

[21] **2,885,188**
[13] A1

[51] **Int.Cl. D21H 27/40 (2006.01) D21H 19/74 (2006.01) D21H 27/02 (2006.01)**

[25] EN

[54] **NOVEL CREPING ADHESIVES AND METHODS TO MONITOR AND CONTROL THEIR APPLICATION**

[54] **NOUVEAUX ADHESIFS DE CREPAGE ET PROCEDES DE CONTROLE ET DE COMMANDE DE LEUR APPLICATION**

[72] FURMAN, GARY S., US
[72] WEI, MINGLI, US
[72] SU, WINSTON, US
[72] KALEY, CHRISTOPHER D., US
[72] CASTRO, DAVID J., US
[72] GRIGORIEV, VLADIMIR, US
[71] NALCO COMPANY, US
[85] 2015-03-16
[86] 2013-10-18 (PCT/US2013/065706)
[87] (WO2014/066176)
[30] US (13/656,793) 2012-10-22

[21] **2,885,190**
[13] A1

[51] **Int.Cl. C12Q 1/04 (2006.01) C12Q 1/18 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **THE USE OF OXIDIZING AND NON-OXIDIZING BIOCIDES FOR CONTROL OF BACTERIA TOLERANT TO STABILIZED-OXIDANT TREATMENT**

[54] **UTILISATION DE BIOCIDES OXYDANTS ET NON OXYDANTS EN VUE DE LA LUTTE CONTRE LES BACTERIES TOLERANTES AUX TRAITEMENTS STABILISES PAR DES OXYDANTS**

[72] RICE, LAURA E., US
[72] LUTH, ELISA, US
[71] NALCO COMPANY, US
[85] 2015-03-16
[86] 2013-10-18 (PCT/US2013/065712)
[87] (WO2014/066177)
[30] US (13/657,993) 2012-10-23

[21] **2,885,192**
[13] A1

[51] **Int.Cl. B01D 37/04 (2006.01) B01D 37/00 (2006.01) B01D 37/03 (2006.01) C01F 7/02 (2006.01) C01F 7/04 (2006.01)**

[25] EN

[54] **METHODS TO IMPROVE FILTRATION FOR THE BAYER PROCESS**

[54] **PROCEDES POUR AMELIORER LA FILTRATION POUR LE PROCEDE BAYER**

[72] CHESTER, RYAN, AU
[72] WANG, JING, US
[72] KILDEA, JOHN D., AU
[71] NALCO COMPANY, US
[85] 2015-03-16
[86] 2013-10-18 (PCT/US2013/065729)
[87] (WO2014/070487)
[30] US (13/662,964) 2012-10-29

[21] **2,885,189**
[13] A1

[51] **Int.Cl. A61B 17/06 (2006.01) A61B 17/04 (2006.01)**

[25] EN

[54] **BARBED SUTURES HAVING CONTOURED BARBS THAT FACILITATE PASSAGE THROUGH TISSUE AND INCREASE HOLDING STRENGTH**

[54] **SUTURES A BARBES AYANT DES BARBES PROFILEES FACILITANT UN PASSAGE A TRAVERS UN TISSU ET AUGMENTANT UNE FORCE DE RETENUE**

[72] NAWROCKI, JESSE G., US
[72] PERKINS, JASON T., US
[72] LINDH, DAVID C., SR., US
[71] ETHICON, INC., US
[85] 2015-03-16
[86] 2013-09-16 (PCT/US2013/059907)
[87] (WO2014/043610)
[30] US (13/621,625) 2012-09-17

[21] **2,885,191**
[13] A1

[51] **Int.Cl. C09K 8/66 (2006.01) C09K 8/68 (2006.01) E21B 47/00 (2012.01)**

[25] EN

[54] **CHEMICAL TREATMENT METHOD AND ADDITIVE USED TO TREAT FINES MIGRATION AND FLOW THROUGH POROUS MEDIA**

[54] **PROCEDE DE TRAITEMENT CHIMIQUE ET ADDITIF UTILISE POUR TRAITER LA MIGRATION ET L'ECOULEMENT DE PARTICULES FINES A TRAVERS DES MILIEUX POREUX**

[72] DALRYMPLE, ELDON DWYANN, US
[72] CHANG, KIN-TAI, US
[71] ECOLAB USA INC., US
[85] 2015-03-16
[86] 2013-10-18 (PCT/US2013/065722)
[87] (WO2014/070486)
[30] US (13/663,604) 2012-10-30

[21] **2,885,193**
[13] A1

[51] **Int.Cl. A61K 9/51 (2006.01) A61K 31/506 (2006.01) A61K 47/12 (2006.01) A61P 31/00 (2006.01)**

[25] EN

[54] **PROCESS FOR PREPARING THERAPEUTIC NANOPARTICLES**

[54] **PROCEDE DE PREPARATION DE NANOPARTICULES THERAPEUTIQUES**

[72] FIGUEIREDO, MARIA, US
[72] PEEKE, ERICK, US
[72] DEWITT, DAVID, US
[72] VAN GEEN HOVEN, CHRISTINA, US
[72] TROIANO, GREG, US
[72] WRIGHT, JAMES, US
[72] SONG, YOUNG-HO, US
[72] WANG, HONG, US
[71] BIND THERAPEUTICS, INC., US
[85] 2015-03-16
[86] 2013-09-16 (PCT/US2013/059936)
[87] (WO2014/043618)
[30] US (61/702,037) 2012-09-17

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[21] **2,885,194**
[13] A1

[51] **Int.Cl. H02K 7/00 (2006.01) H02K 16/00 (2006.01) H02K 31/00 (2006.01) H02K 55/00 (2006.01)**

[25] EN
[54] **ELECTROMAGNETIC TURBINE**
[54] **TURBINE**
ELECTROMAGNETIQUE

[72] GUINA, ANTE, AU
[72] KELLS, JOHN, AU
[72] LABES, KURT, AU
[72] SERCOMBE, DAVID, AU
[72] LISSINGTON, TONY, AU
[72] FUGER, RENE, AU
[72] MATSEKH, ARKADIY, AU
[72] GERONIMO, CESIMIRO PAULINO FABIAN, AU

[71] GUINA ENERGY PTY LTD, AU
[85] 2015-03-16
[86] 2013-09-17 (PCT/AU2013/001063)
[87] (WO2014/040145)
[30] AU (2012904048) 2012-09-17

[21] **2,885,195**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**

[25] EN
[54] **COMBINATION OF DSDNA BINDING DYE AND PROBES FOR CHARACTERIZATION OF SSDNA SEQUENCES**

[54] **COMBINAISON D'UN COLORANT DE LIAISON A L'ADNDB ET SONDES POUR LA CARACTERISATION DE SEQUENCE ADNSB**

[72] RICE, JOHN, US
[72] JIA, YANWEI, US
[72] WANGH, LAWRENCE J., US
[71] BRANDEIS UNIVERSITY, US
[85] 2015-03-16
[86] 2013-09-17 (PCT/US2013/060029)
[87] (WO2014/043660)
[30] US (61/702,019) 2012-09-17

[21] **2,885,196**
[13] A1

[51] **Int.Cl. A61K 9/08 (2006.01) A61K 31/4704 (2006.01) A61K 31/496 (2006.01) A61K 31/551 (2006.01) A61K 47/26 (2006.01) A61K 47/30 (2006.01) A61P 25/18 (2006.01)**

[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS HAVING IMPROVED STORAGE STABILITY**

[54] **COMPOSITIONS PHARMACEUTIQUES AYANT UNE PLUS GRANDE STABILITE AU STOCKAGE**

[72] PERRY, JASON M., US
[72] DEEVER, DANIEL R., US
[72] HICKEY, MAGALI B., US
[72] REMENAR, JULIUS F., US
[72] VANDIVER, JENNIFER, US
[72] PALMIERI, MICHAEL J., JR., US
[72] PAN, ZHENGZHENG, US
[71] ALKERMES PHARMA IRELAND LIMITED, IE
[85] 2015-03-16
[86] 2013-09-19 (PCT/IB2013/002995)
[87] (WO2014/080285)
[30] US (61/702,881) 2012-09-19
[30] US (61/780,862) 2013-03-13

[21] **2,885,197**
[13] A1

[51] **Int.Cl. C12G 3/04 (2006.01) A23L 1/221 (2006.01) A23L 1/226 (2006.01) A23L 2/00 (2006.01) A23L 2/38 (2006.01) C12C 3/00 (2006.01) C12C 5/00 (2006.01)**

[25] EN
[54] **MONOMERIC PROANTHOCYANIDIN-REMOVED PLANT EXTRACT**

[54] **EXTRAIT VEGETAL DEPOURVU DE PROANTHOCYANIDINE MONOMERE**

[72] YONEZAWA, DAISAKU, JP
[71] SUNTORY HOLDINGS LIMITED, JP
[85] 2015-03-16
[86] 2013-09-25 (PCT/JP2013/075798)
[87] (WO2014/050840)
[30] JP (2012-218317) 2012-09-28

[21] **2,885,198**
[13] A1

[51] **Int.Cl. H04N 19/70 (2014.01) H04N 21/2368 (2011.01) H04N 19/124 (2014.01) H04N 19/159 (2014.01) H04N 19/172 (2014.01) H04N 19/46 (2014.01) H04N 19/60 (2014.01) H04N 19/86 (2014.01) H04N 19/91 (2014.01)**

[25] EN
[54] **METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR VIDEO COMPRESSION**

[54] **PROCEDE, APPAREIL ET PRODUIT-PROGRAMME D'ORDINATEUR POUR COMPRESSION VIDEO**

[72] KOAT, PETER, CA
[72] NERLAND, PHILIP, CA
[71] LIBRE COMMUNICATIONS INC., CA
[85] 2015-03-17
[86] 2012-09-17 (PCT/CA2012/050643)
[87] (WO2013/037069)

[21] **2,885,199**
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01)**

[25] EN
[54] **SYSTEM, APPARATUS, AND METHOD FOR PROVIDING WORKFORCE MANAGEMENT**

[54] **SYSTEME, APPAREIL ET PROCEDE PERMETTANT DE FOURNIR UNE GESTION DU PERSONNEL**

[72] BARKER, ADAM, CA
[72] HARTSHORNE, MARTIN, CA
[72] TARCEA, OCTAVIAN, CA
[71] THE ULTIMATE SOFTWARE GROUP OF CANADA, INC., CA
[85] 2015-03-17
[86] 2013-10-16 (PCT/CA2013/000875)
[87] (WO2014/059521)
[30] US (61/714,451) 2012-10-16

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[21] 2,885,200 [13] A1	[21] 2,885,202 [13] A1	[21] 2,885,204 [13] A1
[51] Int.Cl. G06Q 20/34 (2012.01) G06Q 20/40 (2012.01) [25] EN [54] PORTABLE DEVICE FOR FINANCIAL TRANSACTIONS [54] DISPOSITIF PORTABLE POUR TRANSACTIONS FINANCIERES [72] FIORELLI, GIORGIO, IT [71] FG S.R.L. AGENZIA FINANZIARIA, IT [85] 2015-03-16 [86] 2013-09-12 (PCT/IT2013/000242) [87] (WO2014/076718) [30] IT (RM2012A000443) 2012-09-17	[51] Int.Cl. C40B 40/06 (2006.01) G06F 19/20 (2011.01) C07H 21/00 (2006.01) C12M 1/34 (2006.01) C12Q 1/68 (2006.01) C40B 30/04 (2006.01) C40B 60/12 (2006.01) [25] EN [54] THYROID CANCER DIAGNOSTICS [54] DIAGNOSTIC DU CANCER DE LA THYROIDE [72] DAVICIONI, ELAI, US [72] HADDAD, ZAID, CA [72] WISEMAN, SAM MICHAEL, CA [71] GENOMEDX BIOSCIENCES, INC., CA [85] 2015-03-17 [86] 2013-09-06 (PCT/CA2013/050686) [87] (WO2014/043803) [30] US (61/703,553) 2012-09-20	[51] Int.Cl. C08J 7/04 (2006.01) B64C 3/34 (2006.01) B64D 45/02 (2006.01) [25] EN [54] STRUCTURAL MATERIAL FOR STRUCTURE, FUEL TANK, MAIN WING, AND AIRCRAFT [54] MATERIAU DE STRUCTURE POUR STRUCTURE, RESERVOIR DE CARBURANT, PARTIE CENTRALE DE VOILURE ET AERONEF [72] KAMIHARA, NOBUYUKI, JP [72] ABE, TOSHIO, JP [72] OKUDA, AKIHISA, JP [72] IKADA, AKIRA, JP [72] YAMASHITA, MASAYUKI, JP [72] KISHIMOTO, KAZUAKI, JP [72] KAMINO, YUICHIRO, JP [71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP [85] 2015-03-16 [86] 2013-10-09 (PCT/JP2013/077434) [87] (WO2014/057960) [30] JP (2012-224141) 2012-10-09
[21] 2,885,201 [13] A1	[21] 2,885,203 [13] A1	[21] 2,885,205 [13] A1
[51] Int.Cl. C22C 38/00 (2006.01) B21B 3/00 (2006.01) C21D 9/46 (2006.01) C22C 38/06 (2006.01) [25] EN [54] STEEL SHEET FOR THREE-PIECE CAN AND METHOD FOR MANUFACTURING THE SAME [54] FEUILLE D'ACIER POUR BOITE EN TROIS PARTIES ET PROCEDE DE FABRICATION ASSOCIE [72] SUTO, MIKITO, JP [72] KOJIMA, KATSUMI, JP [72] TADA, MASAKI, JP [72] NAKAMARU, HIROKI, JP [71] JFE STEEL CORPORATION, JP [85] 2015-03-16 [86] 2013-11-06 (PCT/JP2013/006553) [87] (WO2014/073205) [30] JP (2012-245458) 2012-11-07	[51] Int.Cl. D21H 21/32 (2006.01) D21H 17/63 (2006.01) D21H 17/67 (2006.01) D21H 21/28 (2006.01) D21H 21/30 (2006.01) [25] EN [54] METHOD OF DELIVERING A PIGMENT DISPERSION AND A RETENTION AID TO A PAPERMAKING PROCESS [54] PROCEDE DE FOURNITURE D'UNE DISPERSION DE PIGMENT ET D'UN ADJUVANT DE RETENTION A UN PROCESSUS DE FABRICATION DE PAPIER [72] GRANGER, WILLIAM A., US [72] DENNIS, GEORGE L., US [72] JACOBSON, TOMMY, FI [71] ECOLAB USA INC., US [85] 2015-03-16 [86] 2013-11-02 (PCT/US2013/068184) [87] (WO2014/071269) [30] US (61/721,537) 2012-11-02	[51] Int.Cl. F21L 4/08 (2006.01) F21V 7/00 (2006.01) F21V 99/00 (2006.01) [25] EN [54] INFLATABLE SOLAR POWERED LAMP [54] LAMPE SOLAIRE GONFLABLE [72] SNYDER, JASON ALAN, US [71] MPOWERD, INC., US [85] 2015-03-16 [86] 2013-08-22 (PCT/US2013/056182) [87] (WO2014/070291) [30] US (61/721,285) 2012-11-01 [30] US (13/926,336) 2013-06-25

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[21] **2,885,206**
[13] A1

[51] **Int.Cl. C08K 5/20 (2006.01) C08K 5/3435 (2006.01)**
[25] EN
[54] **OXYGEN SCAVENGING PLASTIC MATERIAL**
[54] **MATIERE PLASTIQUE DESOXYGENANTE**
[72] FAVA, FLAVIO, IT
[72] MARSON, ANGELICA, CH
[72] STEFFANUT, PASCAL, FR
[72] JOHANN, LAURE, FR
[71] CLARIANT FINANCE (BVI) LIMITED, VG
[85] 2015-03-17
[86] 2013-09-11 (PCT/EP2013/002723)
[87] (WO2014/044366)
[30] EP (12006550.3) 2012-09-18

[21] **2,885,207**
[13] A1

[51] **Int.Cl. E04B 2/86 (2006.01) E04B 1/12 (2006.01)**
[25] EN
[54] **MODULAR, MULTIPERFORATED PERMANENT FORMWORK OR CENTERRING CONSTRUCTION SYSTEM FOR REINFORCED CONCRETE**
[54] **SYSTEME DE CONSTRUCTION MODULAIRE DE COFFRAGE PERMANENT A PERFORATIONS MULTIPLES POUR BETON OU BETON ARME**
[72] ALCALA ORDAZ, RICARDO, MX
[71] ELEVEN SOLUTIONS RFE S.A. DE C.V., MX
[85] 2015-03-16
[86] 2012-09-17 (PCT/MX2012/000087)
[87] (WO2014/042502)

[21] **2,885,208**
[13] A1

[51] **Int.Cl. B23C 5/10 (2006.01)**
[25] EN
[54] **MACHINING TOOL FOR MACHINING PURPOSES AND METHOD FOR REPAIRING A COMPONENT OF FIBRE-REINFORCED PLASTICS**
[54] **OUTIL D'USINAGE PAR ENLEVEMENT DE COPEAUX POUR L'USINAGE ET PROCEDE DE REPARATION D'UNE PIECE EN PLASTIQUE RENFORCE PAR DES FIBRES**
[72] HUFSCHMIED, RALPH, DE
[71] HUFSCHMIED ZERSPANUNGSSYSTEME GMBH, DE
[85] 2015-03-17
[86] 2013-09-27 (PCT/EP2013/002911)
[87] (WO2014/056581)
[30] DE (10 2012 019 801.9) 2012-10-10

[21] **2,885,209**
[13] A1

[51] **Int.Cl. E02B 15/04 (2006.01) B63B 35/32 (2006.01) E02B 15/10 (2006.01)**
[25] EN
[54] **MULTIPURPOSE TOOL FOR OIL SPILL CONTROL, PREFERABLY OFFSHORE**
[54] **OUTIL MULTIFONCTION POUR LUTTER CONTRE LES MAREES NOIRES, DE PREFERENCE AU LARGE**
[72] SORSTROM, STEIN ERIK, NO
[72] SINGSAAS, IVAR, NO
[71] SINVENT AS, NO
[71] SINVENT AS, NO
[85] 2015-03-16
[86] 2013-10-21 (PCT/NO2013/050177)
[87] (WO2014/065673)
[30] NO (20121250) 2012-10-25

[21] **2,885,210**
[13] A1

[51] **Int.Cl. C11D 10/00 (2006.01) C11D 11/00 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **WHITE CARBON BLACK FORMULATIONS AND METHODS**
[54] **FORMULATIONS DE NOIR DE CARBONE BLANC ET PROCEDE**
[72] DARROW, RICHARD, US
[71] DARROW, RICHARD, US
[85] 2015-03-16
[86] 2013-09-17 (PCT/US2013/060075)
[87] (WO2014/043669)
[30] US (61/701,894) 2012-09-17

[21] **2,885,211**
[13] A1

[51] **Int.Cl. A23L 1/30 (2006.01) A23L 1/29 (2006.01) A61K 31/19 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **BETA-HYDROXY-BETA-METHYLBUTYRIC ACID-CONTAINING COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS CONTENANT UN ACIDE BETA-HYDROXY-BETA-METHYLBUTYRIQUE ET SES UTILISATIONS**
[72] SATHYAVAGEESWARAN, SHREERAM, SG
[72] VAZHAPPILLY, REMA, SG
[72] DAS, TAPAS, US
[72] GELLING, RICHARD WAYNE, SG
[71] ABBOTT LABORATORIES, US
[85] 2015-03-16
[86] 2013-09-17 (PCT/US2013/060120)
[87] (WO2014/043685)
[30] US (61/701,794) 2012-09-17

[21] **2,885,212**
[13] A1

[51] **Int.Cl. B29C 67/00 (2006.01) B01F 5/06 (2006.01) F28D 20/00 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL MOULDING**
[54] **CORPS FACONNNEES TRIDIMENSIONNELS**
[72] HIRSCHBERG, SEBASTIAN, CH
[71] HIRSCHBERG ENGINEERING, CH
[85] 2015-03-17
[86] 2013-09-19 (PCT/CH2013/000166)
[87] (WO2014/043823)
[30] EP (12405104.6) 2012-09-21

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[21] **2,885,213**
[13] A1

[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/172 (2006.01)**

[25] EN

[54] **ELECTRO-OSMOTIC PUMPS WITH ELECTRODES COMPRISING A LANTHANIDE OXIDE OR AN ACTINIDE OXIDE**

[54] **POMPES ELECTRO-OSMOTIQUES AVEC ELECTRODES COMPRENANT UN OXYDE DE LANTHANIDE OU UN OXYDE D'ACTINIDE**

[72] HELLER, ADAM, US

[72] NAGARALE, RAJARAM K., IN

[71] BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US

[85] 2015-03-17

[86] 2013-08-13 (PCT/US2013/054627)

[87] (WO2014/046806)

[30] US (61/704,268) 2012-09-21

[21] **2,885,214**
[13] A1

[51] **Int.Cl. F04D 29/46 (2006.01) F04D 29/66 (2006.01)**

[25] EN

[54] **COMPRESSED GAS PRODUCTION AND CONTROL**

[54] **PRODUCTION ET COMMANDE DE GAZ COMPRIME**

[72] STANKO, MICHAEL J., US

[72] ROYAL, JOHN H., US

[72] ABDELWAHAB, AHMED F., US

[72] SCHWARZ, CARL L., US

[71] PRAXAIR TECHNOLOGY, INC., US

[85] 2015-03-17

[86] 2013-08-28 (PCT/US2013/057066)

[87] (WO2014/055179)

[30] US (13/644,066) 2012-10-03

[21] **2,885,215**
[13] A1

[51] **Int.Cl. H01R 4/32 (2006.01)**

[25] EN

[54] **SPLIT BOLT ELECTRICAL CONNECTOR ASSEMBLY**

[54] **ENSEMBLE CONNECTEUR ELECTRIQUE A BOULON A COIN**

[72] THERRIEN, PETER N., US

[71] HUBBELL INCORPORATED, US

[85] 2015-03-17

[86] 2013-09-16 (PCT/US2013/059932)

[87] (WO2014/052073)

[30] US (13/627,081) 2012-09-26

[21] **2,885,216**
[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01) A61P 21/00 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR TREATING AMYOTROPHIC LATERAL SCLEROSIS**

[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE LA SCLEROSE LATERALE AMYOTROPHIQUE**

[72] KASPAR, BRIAN, US

[71] THE RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL, US

[85] 2015-03-16

[86] 2013-09-17 (PCT/US2013/060153)

[87] (WO2014/043696)

[30] US (61/702,030) 2012-09-17

[21] **2,885,217**
[13] A1

[51] **Int.Cl. C07C 317/28 (2006.01) A61K 31/10 (2006.01) A61K 31/145 (2006.01) A61K 31/166 (2006.01) A61K 31/18 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07C 235/38 (2006.01) C07C 237/44 (2006.01) C07C 311/17 (2006.01) C07C 311/27 (2006.01) C07C 311/29 (2006.01) C07C 311/40 (2006.01) C07C 317/10 (2006.01) C07C 317/18 (2006.01) C07C 317/44 (2006.01) C07C 323/07 (2006.01) C07C 323/16 (2006.01)**

[25] EN

[54] **SUBSTITUTED ALKYL DIARYL DERIVATIVES, METHODS OF PREPARATION AND USES**

[54] **DERIVES ALKYL DIARYLES SUBSTITUES, PROCEDES DE PREPARATION ET D'UTILISATIONS**

[72] REDDY, M. V. RAMANA, US

[72] REDDY, E. PREMKUMAR, US

[71] TEMPLE UNIVERSITY - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US

[85] 2015-03-17

[86] 2013-09-18 (PCT/US2013/060294)

[87] (WO2014/047110)

[30] US (61/703,368) 2012-09-20

[21] **2,885,218**
[13] A1

[51] **Int.Cl. A61K 33/00 (2006.01) A61P 1/04 (2006.01)**

[25] EN

[54] **METHOD AND COMPOSITION FOR TREATING GASTRO-ESOPHAGEAL DISORDERS**

[54] **METHODE ET COMPOSITION POUR LE TRAITEMENT DE TROUBLES GASTRO-SOPHAGIENS**

[72] GUROI, ISMAIL, US

[72] BURNS, ROBERT, US

[72] LOYD, STEVEN, US

[71] PH SCIENCE HOLDINGS, INC, US

[85] 2015-03-17

[86] 2013-09-18 (PCT/US2013/060322)

[87] (WO2014/047127)

[30] US (61/702,611) 2012-09-18

[30] US (14/027,937) 2013-09-16

[21] **2,885,219**
[13] A1

[51] **Int.Cl. F27B 21/06 (2006.01) F27D 99/00 (2010.01) F27B 21/08 (2006.01)**

[25] EN

[54] **MACHINE FOR THE THERMAL TREATMENT OF BULK MATERIAL**

[54] **MACHINE POUR LE TRAITEMENT THERMIQUE DE MATERIAU EN VRAC**

[72] SCHULAKOW-KLASS, ANDREJ, DE

[72] MANTHEY, PIERRE, DE

[72] SCHMIDT, EUGEN, DE

[72] BRUDNYJ, EDGAR, DE

[71] OUTOTEC (FINLAND) OY, FI

[85] 2015-03-17

[86] 2012-10-08 (PCT/EP2012/069845)

[87] (WO2014/056519)

PCT Applications Entering the National Phase

[21] **2,885,220**
[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01) H04L 12/12 (2006.01)**

[25] EN

[54] **MULTI-TIERED AUTHENTICATION METHODS FOR FACILITATING COMMUNICATIONS AMONGST SMART HOME DEVICES AND CLOUD-BASED SERVERS**

[54] **PROCEDES D'AUTHENTIFICATION MULTINIVEAUX PERMETTANT DE FACILITER DES COMMUNICATIONS ENTRE DES DISPOSITIFS DOMESTIQUES INTELLIGENTS ET DES SERVEURS A BASE DE NUAGE**

[72] LOGUE, JAY D., US

[72] SUPRAMANIAM, SENTHILVASAN, US

[72] HARDISON, OSBORNE B., US

[72] LUXEMBERG, JARED A., US

[71] GOOGLE INC., US

[85] 2015-03-17

[86] 2013-09-20 (PCT/US2013/060818)

[87] (WO2014/047384)

[30] US (13/624,893) 2012-09-22

[21] **2,885,221**
[13] A1

[51] **Int.Cl. B23C 5/10 (2006.01)**

[25] EN

[54] **MACHINING TOOL FOR MACHINING PURPOSES AND METHOD FOR CUTTING A COMPONENT MADE OF FIBRE-REINFORCED PLASTICS**

[54] **OUTIL D'USINAGE PAR ENLEVEMENT DE COPEAUX POUR L'USINAGE ET PROCEDE DE SEPARATION D'UNE PIECE EN PLASTIQUE RENFORCE PAR DES FIBRES**

[72] HUFSCHMIED, RALPH, DE

[71] HUFSCHMIED ZERSPANUNGSSTYSTEME GMBH, DE

[85] 2015-03-17

[86] 2013-09-27 (PCT/EP2013/002913)

[87] (WO2014/056583)

[30] DE (10 2012 019 799.3) 2012-10-10

[21] **2,885,222**
[13] A1

[51] **Int.Cl. H04B 1/10 (2006.01) H04B 1/12 (2006.01) H04L 27/00 (2006.01)**

[25] EN

[54] **ENVELOPE FEEDBACK INTERFERENCE REDUCTION AND DATA THROUGHPUT MAXIMIZATION**

[54] **REDUCTION DU BROUILLAGE DE RETROACTION D'ENVELOPPE ET OPTIMISATION DU DEBIT DE DONNEES**

[72] DAUGHTRIDGE, STUART, US

[72] POTTER, ROBERT, US

[71] KRATOS INTEGRAL HOLDINGS, LLC, US

[85] 2015-03-17

[86] 2013-09-20 (PCT/US2013/060980)

[87] (WO2014/047470)

[30] US (61/704,313) 2012-09-21

[30] US (13/843,393) 2013-03-15

[21] **2,885,223**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01)**

[25] EN

[54] **CARBOXYLATED POLYAMINE DERIVATIVES AS TRANSFECTION REAGENTS**

[54] **DERIVES DE POLYAMINE CARBOXYLEE COMME REACTIFS DE TRANSFECTION**

[72] PANZNER, STEFFEN, DE

[72] REINSCH, CHRISTIAN, DE

[72] WENDISCH, VOLKMAR, DE

[72] DREHER, CHRISTINA, DE

[71] LIPOCALYX GMBH, DE

[85] 2015-03-17

[86] 2013-10-02 (PCT/EP2013/002979)

[87] (WO2014/056590)

[30] EP (12006963.8) 2012-10-08

[21] **2,885,224**
[13] A1

[51] **Int.Cl. A23L 1/30 (2006.01) A61K 9/00 (2006.01) A61K 31/19 (2006.01) A61P 21/00 (2006.01)**

[25] EN

[54] **NUTRITIONAL COMPOSITIONS INCLUDING CALCIUM BETA-HYDROXY-BETA-METHYLBUTYRATE, PROTEIN AND LOW LEVELS OF ELECTROLYTES**

[54] **COMPOSITIONS NUTRITIONNELLES COMPRENANT LE BETA-HYDROXY-BETA-METHYLBUTYRATE DE CALCIUM, UNE PROTEINE ET DE FAIBLES TAUX D'ELECTROLYTES**

[72] WALTON, JOSEPH, US

[72] STEPP, EMILY, US

[72] DEVITT-MAICHER, AMY, US

[72] WOLF, DAVID, US

[72] MUSTAD, VIKKIE, US

[72] BAXTER, JEFFREY, US

[72] MAZER, TERENCE, US

[72] MARCHIO, AMY, US

[71] ABBOTT LABORATORIES, US

[85] 2015-03-17

[86] 2013-09-20 (PCT/US2013/061014)

[87] (WO2014/047497)

[30] US (61/703,965) 2012-09-21

[30] US (61/703,967) 2012-09-21

[21] **2,885,225**
[13] A1

[51] **Int.Cl. G05D 1/00 (2006.01)**

[25] EN

[54] **METHOD FOR THE CALCULATION OF FLIGHT PATHS TAKING INTO CONSIDERATION EVENTS OF RELEVANCE FOR RADIATION DOSE**

[54] **PROCEDE DE CALCUL D'UN ITINERAIRE DE VOL TENANT COMPTE D'EVENEMENTS SIGNIFICATIFS POUR LES DOSES DE RADIATION**

[72] MATTHIA, DANIEL, DE

[72] MEIER, MATTHIAS, DE

[72] WIRTZ, MICHAEL, DE

[71] DEUTSCHES ZENTRUM FUR LUFT-UND RAUMFAHRT E.V., DE

[85] 2015-03-17

[86] 2013-08-28 (PCT/EP2013/067843)

[87] (WO2014/044511)

[30] DE (10 2012 217 038.3) 2012-09-21

Demandes PCT entrant en phase nationale

[21] **2,885,226**
[13] A1

[51] **Int.Cl. A62C 37/36 (2006.01) G05B 19/042 (2006.01) A62C 3/07 (2006.01) B60R 16/03 (2006.01)**

[25] EN

[54] **FIRE SUPPRESSION SYSTEMS AND METHODS**

[54] **SYSTEMES ET PROCEDES D'EXTINCTION D'INCENDIE**

[72] SANDAHL, DEREK M., US

[72] COUNTS, BRIAN L., US

[72] FERNSTRUM, MARVIN B., US

[72] RYCZEK, CHAD, US

[72] ESCALANTE-ORTIZ, SAUL, US

[72] WERTH, JOHN T., US

[72] LILLEY, GREGORY J., US

[72] STREHLOW, DAVID R., US

[72] KREFT, ANTHONY J., US

[72] MYERS, THOMAS JOHN, US

[72] BUSHERT, JOHN S., US

[72] HACKL, RICHARD J., US

[72] THORELL, MARVIN D., US

[71] TYCO FIRE PRODUCTS LP, US

[85] 2015-03-17

[86] 2013-09-23 (PCT/US2013/061214)

[87] (WO2014/047574)

[30] US (61/704,551) 2012-09-23

[30] US (61/794,105) 2013-03-15

[21] **2,885,227**
[13] A1

[51] **Int.Cl. C08G 18/48 (2006.01) C08G 18/50 (2006.01)**

[25] EN

[54] **RIGID POLYURETHANE AND POLYISOCYANURATE FOAMS BASED ON FATTY ACID MODIFIED POLYETHERPOLYOLS**

[54] **MOUSSES DURES DE POLYURETHANE ET DE POLYISOCYANURATE A BASE DE POLYETHER POLYOLS MODIFIES PAR DES ACIDES GRAS**

[72] KAMPF, GUNNAR, DE

[72] JACOBMEIER, OLAF, DE

[72] KALUSCHKE, TOBIAS, DE

[72] KONIG, CHRISTIAN, DE

[71] BASF SE, DE

[85] 2015-03-17

[86] 2013-09-16 (PCT/EP2013/069084)

[87] (WO2014/048777)

[30] EP (12186359.1) 2012-09-27

[21] **2,885,228**
[13] A1

[51] **Int.Cl. A61H 1/00 (2006.01) A61H 1/02 (2006.01)**

[25] EN

[54] **SOFT EXOSUIT FOR ASSISTANCE WITH HUMAN MOTION**

[54] **EXOSQUELETTE MOTORISE SOUPLE D'ASSISTANCE AU MOUVEMENT HUMAIN**

[72] ASBECK, ALAN THOMAS, US

[72] GALIANA BUJANDA, IGNACIO, US

[72] DING, YE, US

[72] DYER, ROBERT JOSEPH, US

[72] LARUSSON, ARNAR FREYR, US

[72] QUINLIVAN, BRENDAN THOMAS, US

[72] SCHMIDT, KAI, DE

[72] WAGNER, DIANA, US

[72] WALSH, CONOR, US

[72] WEHNER, MICHAEL, US

[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US

[85] 2015-03-16

[86] 2013-09-17 (PCT/US2013/060225)

[87] (WO2014/109799)

[30] US (61/701,970) 2012-09-17

[30] US (61/829,686) 2013-05-31

[30] US (61/873,433) 2013-09-04

[21] **2,885,229**
[13] A1

[51] **Int.Cl. G01N 21/84 (2006.01) G01J 3/50 (2006.01)**

[25] EN

[54] **MULTI-ANGULAR COLOR, OPACITY, PIGMENT CHARACTERIZATION AND TEXTURE ANALYSIS OF A PAINTED SURFACE VIA VISUAL AND/OR INSTRUMENTAL TECHNIQUES**

[54] **CARACTERISATION DE PIGMENT, OPACITE, COULEUR MULTI-ANGULAIRE ET ANALYSE DE TEXTURE D'UNE SURFACE PEINTE PAR L'INTERMEDIAIRE DE TECHNIQUES VISUELLES ET/OU INSTRUMENTALES**

[72] BEYMORE, PAUL MICHAEL, US

[72] PEREKSTA, JAMES, US

[71] PPG INDUSTRIES OHIO, INC., US

[85] 2015-03-16

[86] 2013-09-19 (PCT/US2013/060632)

[87] (WO2014/047296)

[30] US (61/702,959) 2012-09-19

[30] US (13/832,088) 2013-03-15

[21] **2,885,230**
[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01)**

[25] EN

[54] **DYNAMIC BH3 PROFILING**

[54] **PROFILAGE DYNAMIQUE DU BH3**

[72] LETAI, ANTHONY, US

[72] MONTERO BORONAT, JUAN JOSE, US

[72] RYAN, JEREMY, US

[71] DANA FARBER CANCER INSTITUTE, INC., US

[85] 2015-03-16

[86] 2013-09-19 (PCT/US2013/060707)

[87] (WO2014/047342)

[30] US (61/702,967) 2012-09-19

[21] **2,885,231**
[13] A1

[51] **Int.Cl. C25D 3/38 (2006.01)**

[25] FR

[54] **ELECTROLYTE AND METHOD FOR ELECTRODEPOSITING COPPER ONTO A BARRIER LAYER**

[54] **ELECTROLYTE ET PROCEDE D'ELECTRODEPOSITION DE CUIVRE SUR UNE COUCHE BARRIERE**

[72] MEVELLEC, VINCENT, FR

[72] SUHR, DOMINIQUE, FR

[72] RELIGIEUX, LAURIANNE, FR

[71] ALCHIMER, FR

[85] 2015-03-16

[86] 2013-08-28 (PCT/FR2013/051987)

[87] (WO2014/044942)

[30] FR (1258925) 2012-09-24

PCT Applications Entering the National Phase

[21] **2,885,232**
[13] A1

[51] **Int.Cl. G01N 33/566 (2006.01) C07F 9/30 (2006.01) G01N 33/573 (2006.01) G01N 33/68 (2006.01)**

[25] EN

[54] **METHOD FOR SPECIFICALLY DETECTING A MATRIX METALLOPROTEINASE (MMP) WHICH IS ONLY OF INTEREST IN THE ACTIVE FORM THEREOF, IN A SAMPLE**

[54] **METHODE POUR DETECTER SPECIFIQUEMENT DANS UN ECHANTILLON UNE METALLOPROTEASE MATRICIELLE (MMP) D'INTERET UNIQUEMENT DANS SA FORME ACTIVE**

[72] BREGANT, SARAH, FR
[72] DIVE, VINCENT, FR
[72] NEVERS, MARIE-CLAIRE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2015-03-16
[86] 2013-09-24 (PCT/FR2013/052224)
[87] (WO2014/049255)
[30] FR (1258996) 2012-09-25

[21] **2,885,233**
[13] A1

[51] **Int.Cl. F16L 15/04 (2006.01)**

[25] EN

[54] **SCREW JOINT FOR STEEL PIPE**

[54] **JOINT FILETE POUR TUYAU D'ACIER**

[72] OKU, YOUSUKE, JP
[72] YAMAMOTO, TATSUYA, JP
[72] SUGINO, MASAOKI, JP
[72] ELDER, RUSSELL, US
[71] VALLOUREC OIL AND GAS FRANCE, FR
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-03-16
[86] 2013-09-11 (PCT/JP2013/074562)
[87] (WO2014/045973)
[30] JP (2012-208600) 2012-09-21

[21] **2,885,234**
[13] A1

[51] **Int.Cl. C12M 1/34 (2006.01) G01N 15/14 (2006.01)**

[25] EN

[54] **FLOW CYTOMETER NOZZLE TIP**

[54] **AJUTAGE D'APPAREIL DE CYTOMETRIE EN FLUX**

[72] BUCHANAN, KRIS, US
[72] EVANS, KENNETH MICHAEL, US
[71] INGURAN, LLC, US
[85] 2015-03-16
[86] 2013-09-19 (PCT/US2013/060730)
[87] (WO2014/047358)
[30] US (61/703,102) 2012-09-19
[30] US (PCT/US2013/031787) 2013-03-14
[30] US (61/842,310) 2013-07-02

[21] **2,885,235**
[13] A1

[51] **Int.Cl. B01J 38/48 (2006.01) B01J 23/04 (2006.01) C07C 51/00 (2006.01)**

[25] EN

[54] **A PROCESS FOR PRODUCTION OF A SILICA-SUPPORTED ALKALI METAL CATALYST**

[54] **PROCEDE DE FABRICATION D'UN CATALYSEUR DE METAL ALCALIN SUR UN SUPPORT DE SILICE**

[72] YORK, IAN ANDREW, GB
[72] MORRIS, TREVOR HUW, GB
[71] LUCITE INTERNATIONAL UK LIMITED, GB
[85] 2015-03-13
[86] 2013-10-01 (PCT/GB2013/052549)
[87] (WO2014/053818)
[30] GB (1217541.0) 2012-10-01

[21] **2,885,236**
[13] A1

[51] **Int.Cl. E04H 15/54 (2006.01) A61B 7/04 (2006.01) E04B 1/38 (2006.01) E04H 15/32 (2006.01)**

[25] EN

[54] **RETAINING MEMBRANE ON A STRUCTURE**

[54] **RETENUE DE MEMBRANE SUR UNE STRUCTURE**

[72] HARNOIS, PATRICE, CA
[72] COUTU, MARC, CA
[72] SAVIGNAC, MARIO, CA
[71] LES INDUSTRIES HARNOIS INC., CA
[85] 2015-03-16
[86] 2012-09-19 (PCT/CA2012/000862)
[87] (WO2014/043779)

[21] **2,885,237**
[13] A1

[51] **Int.Cl. B22C 1/18 (2006.01)**

[25] EN

[54] **INVESTMENT BINDER AND USE OF THE INVESTMENT BINDER**

[54] **LIANT POUR MOULAGE A LA CIRE PERDUE ET UTILISATION DU LIANT POUR MOULAGE A LA CIRE PERDUE**

[72] STEWART, ZOE, GB
[72] WILDER, ALEX, GB
[72] GRABHAM, WILLIAM, GB
[71] CERMATCO LTD, GB
[85] 2015-03-16
[86] 2012-10-18 (PCT/EP2012/070668)
[87] (WO2014/060039)

[21] **2,885,238**
[13] A1

[51] **Int.Cl. H04L 25/02 (2006.01)**

[25] EN

[54] **DIGITAL BASEBAND TRANSPORT IN TELECOMMUNICATIONS DISTRIBUTION SYSTEMS**

[54] **TRANSPORT NUMERIQUE EN BANDE DE BASE DANS DES SYSTEMES DE DISTRIBUTION DE TELECOMMUNICATIONS**

[72] KUMMETZ, THOMAS, DE
[72] PHILLIPS, FRED W., US
[72] RANSON, CHRISTOPHER G., US
[72] HANSON, VAN E., US
[71] COMMSCOPE TECHNOLOGIES LLC, US
[85] 2015-03-17
[86] 2013-03-15 (PCT/US2013/031933)
[87] (WO2014/070236)
[30] US (61/720,620) 2012-10-31
[30] US (61/751,982) 2013-01-14

[21] **2,885,239**
[13] A1

[51] **Int.Cl. E21B 47/12 (2012.01)**

[25] EN

[54] **DOWNHOLE COMMUNICATION**

[54] **COMMUNICATION DE FOND DE TROU**

[72] HUDSON, STEVEN MARTIN, GB
[72] ROGACHEVA, ALEXANDRA VASIL'EVNA, GB
[71] EXPRO NORTH SEA LIMITED, GB
[85] 2015-03-17
[86] 2013-09-17 (PCT/GB2013/000384)
[87] (WO2014/044995)
[30] GB (1216762.3) 2012-09-19

Demandes PCT entrant en phase nationale

[21] **2,885,240**
[13] A1

[51] **Int.Cl. C12N 7/08 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **NOVEL MVA VIRUS AND USES THEREOF**
[54] **NOUVEAU VIRUS MVA ET UTILISATIONS DE CELUI-CI**
[72] JORDAN, INGO, DE
[72] SANDIG, VOLKER, DE
[71] PROBIOGEN AG, DE
[85] 2015-03-17
[86] 2012-09-28 (PCT/EP2012/069256)
[87] (WO2014/048500)

[21] **2,885,241**
[13] A1

[51] **Int.Cl. F21V 7/06 (2006.01) F21S 10/02 (2006.01)**
[25] EN
[54] **LAMP SYSTEM HAVING PARABOLIC REFLECTOR WITH TWO REFLECTIONS FOR RECYCLING LIGHT**
[54] **SYSTEME DE LAMPE COMPORTANT UN REFLECTEUR PARABOLIQUE A DEUX REFLEXIONS DE RECYCLAGE DE LUMIERE**
[72] LI, KENNETH, US
[71] WAVIEN, INC., US
[85] 2015-03-17
[86] 2013-03-15 (PCT/US2013/032127)
[87] (WO2014/046736)
[30] US (61/702,451) 2012-09-18

[21] **2,885,242**
[13] A1

[51] **Int.Cl. H01F 41/30 (2006.01) B82Y 25/00 (2011.01) H01F 10/00 (2006.01)**
[25] EN
[54] **MAGNETIC STRUCTURES**
[54] **STRUCTURES MAGNETIQUES**
[72] BINNS, ROBERT DAVIDSON, GB
[72] BINNS, CHRISTOPHER ROBIN, GB
[71] NANO RESOURCES LIMITED, GB
[85] 2015-03-17
[86] 2013-09-17 (PCT/GB2013/052426)
[87] (WO2014/041377)
[30] GB (1216538.7) 2012-09-17

[21] **2,885,243**
[13] A1

[51] **Int.Cl. B41M 5/00 (2006.01) B41M 5/52 (2006.01) B41M 7/00 (2006.01) B41M 7/02 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PRINTING OF FILMS**
[54] **PROCEDE ET DISPOSITIF POUR L'IMPRESSION DE FEUILLES**
[72] WOHLHAUSER, OTHMAR, CH
[72] FANKHAUSER, OLIVER, CH
[71] WIPF AG, CH
[85] 2015-03-16
[86] 2013-09-20 (PCT/EP2013/069617)
[87] (WO2014/044817)
[30] EP (12185442.6) 2012-09-21

[21] **2,885,244**
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **LEAFPYR TREE-JOIN**
[54] **JONCTION D'ARBORESCENCE PAR SAUTS**
[72] VELDHUIZEN, TODD L., CA
[71] LOGICBLOX, INC., US
[85] 2015-03-16
[86] 2013-09-24 (PCT/US2013/061281)
[87] (WO2014/052257)
[30] US (61/706,484) 2012-09-27

[21] **2,885,245**
[13] A1

[51] **Int.Cl. C07D 473/00 (2006.01) A61K 31/505 (2006.01) A61K 31/52 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **SUBSTITUTED PYRROLOPYRIMIDINYLAMINO-BENZOTHIAZOLONES AS MKNK KINASE INHIBITORS**
[54] **PYRROLOPYRIMIDINYLAMINOENZOTHIAZOLONES SUBSTITUEES COMME INHIBITEURS DE MKNK KINASE**
[72] KLAR, ULRICH, DE
[72] WORTMANN, LARS, DE
[72] KETTSCHAU, GEORG, DE
[72] PUEHLER, FLORIAN, US
[72] LIENAU, PHILIP, DE
[72] PETERSEN, KIRSTIN, DE
[72] HAGEBARTH, ANDREA, DE
[72] SULZLE, DETLEV, DE
[72] RICHTER, ANJA, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2015-03-17
[86] 2013-09-18 (PCT/EP2013/069325)
[87] (WO2014/044691)
[30] EP (12185139.8) 2012-09-20

[21] **2,885,246**
[13] A1

[51] **Int.Cl. A24D 3/04 (2006.01)**
[25] EN
[54] **A SMOKING ARTICLE**
[54] **ARTICLE A FUMER**
[72] FALLON, GARY, GB
[72] KALJURA, KARL, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2015-03-17
[86] 2013-09-26 (PCT/GB2013/052511)
[87] (WO2014/053808)
[30] GB (1217894.3) 2012-10-05

PCT Applications Entering the National Phase

[21] **2,885,247**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 31/4985 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01)**

[25] EN

[54] **TROPOMYOSIN-RELATED KINASE INHIBITORS**

[54] **INHIBITEURS DE KINASES APPARENTES A LA TROPOMYOSINE**

[72] ANDREWS, MARK DAVID, GB

[72] BAGAL, SHARANJEET KAUR, GB

[72] SKERRATT, SARAH ELIZABETH, GB

[71] PFIZER LIMITED, GB

[85] 2015-03-16

[86] 2013-09-26 (PCT/IB2013/058887)

[87] (WO2014/053965)

[30] US (61/709,513) 2012-10-04

[21] **2,885,248**
[13] A1

[51] **Int.Cl. E21B 49/08 (2006.01) C09K 8/02 (2006.01) G01N 21/25 (2006.01)**

[25] EN

[54] **CHEMICALLY TAGGED POLYMERS FOR SIMPLIFIED QUANTIFICATION AND RELATED METHODS**

[54] **POLYMERES A ETIQUETTE CHIMIQUE POUR LA QUANTIFICATION SIMPLIFIEE ET PROCEDES ASSOCIES**

[72] DEVILLE, JAY PAUL, US

[72] LIVANEC, PHILIP WAYNE, US

[72] ELGIN, SHERIF, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-03-16

[86] 2013-10-28 (PCT/US2013/067014)

[87] (WO2014/070638)

[30] US (13/663,613) 2012-10-30

[21] **2,885,249**
[13] A1

[51] **Int.Cl. E21B 21/08 (2006.01)**

[25] EN

[54] **DRILLING METHOD FOR DRILLING A SUBTERRANEAN BOREHOLE**

[54] **PROCEDE DE FORAGE POUR FORER UN TROU DE FORAGE SOUTERRAIN**

[72] LEUCHTENBERG, CHRISTIAN, SG

[72] SAVAGE, PAT, AU

[71] MANAGED PRESSURE OPERATIONS PTE. LTD., SG

[85] 2015-03-17

[86] 2013-09-27 (PCT/GB2013/052526)

[87] (WO2014/049369)

[30] GB (1217362.1) 2012-09-28

[21] **2,885,250**
[13] A1

[51] **Int.Cl. A61H 15/00 (2006.01) A47K 17/00 (2006.01)**

[25] EN

[54] **BOWEL EVACUATION AID**

[54] **DISPOSITIF D'AIDE A LA DEFECATION**

[72] ROLLE, RENO, US

[72] WISEMAN, TODD, US

[71] TURDLE TIME, LLC, US

[71] ROLLE, RENO, US

[71] WISEMAN, TODD, US

[85] 2015-03-17

[86] 2013-08-20 (PCT/US2013/055703)

[87] (WO2014/046830)

[30] US (61/702,349) 2012-09-18

[21] **2,885,251**
[13] A1

[51] **Int.Cl. A24D 1/02 (2006.01) A24D 3/02 (2006.01) A24D 3/04 (2006.01)**

[25] EN

[54] **A SMOKING ARTICLE**

[54] **ARTICLE POUR FUMEURS**

[72] KALJURA, KARL, GB

[72] FAWCUS, PHILIP RUSSELL, GB

[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB

[85] 2015-03-17

[86] 2013-09-30 (PCT/GB2013/052534)

[87] (WO2014/053812)

[30] GB (1217893.5) 2012-10-05

[21] **2,885,252**
[13] A1

[51] **Int.Cl. C02F 1/70 (2006.01) B09C 1/00 (2006.01)**

[25] EN

[54] **NEW POWDER, POWDER COMPOSITION, METHOD FOR USE THEREOF AND USE OF THE POWDER AND POWDER COMPOSITION**

[54] **NOUVELLE POUDDRE, COMPOSITION DE POUDDRE, PROCEDE D'UTILISATION DE CELLE-CI ET UTILISATION DE LA POUDDRE ET DE LA COMPOSITION DE POUDDRE**

[72] LARSSON, PER-OLOF, SE

[72] BERG, SIGURD, SE

[72] VIDARSSON, HILMAR, SE

[72] BASTIAENS, LEEN, BE

[72] VELIMIROVIC, MILICA, BE

[71] VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK N.V., BE

[71] HOGANAS AB (PUBL), SE

[85] 2015-03-17

[86] 2013-09-18 (PCT/EP2013/069326)

[87] (WO2014/044692)

[30] EP (12185424.4) 2012-09-21

[30] EP (13177597.5) 2013-07-23

[21] **2,885,253**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **PYRROLO[2,3-D]PYRIMIDINE TROPOMYOSIN-RELATED KINASE INHIBITORS**

[54] **INHIBITEURS DE KINASE ASSOCIEE A LA TROPOMYOSINE PYRROLO[2,3-D]PYRIMIDINE**

[72] ANDREWS, MARK DAVID, GB

[72] BAGAL, SHARANJEET KAUR, GB

[72] BROWN, DAVID GRAHAM, GB

[72] GIBSON, KARL RICHARD, GB

[72] OMOTO, KIYOYUKI, GB

[72] RYCKMANS, THOMAS, GB

[72] SABNIS, YOGESH, GB

[72] SKERRATT, SARAH ELIZABETH, GB

[72] STUPPLE, PAUL ANTHONY, GB

[71] PFIZER LIMITED, GB

[85] 2015-03-16

[86] 2013-09-26 (PCT/IB2013/058890)

[87] (WO2014/053967)

[30] US (61/709,482) 2012-10-04

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[21] **2,885,254**
[13] A1

[51] **Int.Cl. F16C 33/10 (2006.01) F16C 13/02 (2006.01) F16C 17/02 (2006.01)**
[25] EN
[54] **BUSHING FOR OIL FILM BEARING**
[54] **MANCHON POUR PALIER A FILM D'HUILE**
[72] SCHEFFLER, KENNETH R., US
[72] OSGOOD, PETER N., US
[72] WOJTKOWSKI, THOMAS C., JR., US
[71] SIEMENS INDUSTRY, INC., US
[85] 2015-03-17
[86] 2013-09-03 (PCT/US2013/057812)
[87] (WO2014/046865)
[30] US (13/622,764) 2012-09-19

[21] **2,885,255**
[13] A1

[51] **Int.Cl. C22B 3/10 (2006.01) C01B 11/00 (2006.01) C01F 5/00 (2006.01) C01F 5/10 (2006.01) C01F 7/00 (2006.01) C01F 7/22 (2006.01) C22B 3/22 (2006.01) C22B 3/44 (2006.01) C22B 21/00 (2006.01) C22B 26/22 (2006.01)**
[25] EN
[54] **PROCESSES FOR PREPARING ALUMINA AND MAGNESIUM CHLORIDE BY HCl LEACHING OF VARIOUS MATERIALS**
[54] **PROCEDES POUR LA PREPARATION D'ALUMINE ET DE CHLORURE DE MAGNESIUM PAR LIXIVIATION PAR HCL DE DIVERS MATERIAUX**
[72] BOUDREAULT, RICHARD, CA
[72] PRIMEAU, DENIS, CA
[72] LABRECQUE-GILBERT, MARIE-MAXIME, CA
[72] DUMONT, HUBERT, CA
[71] ORBITE ALUMINAE INC., CA
[85] 2015-03-17
[86] 2013-09-26 (PCT/CA2013/000830)
[87] (WO2014/047728)
[30] US (61/705,898) 2012-09-26
[30] US (61/713,795) 2012-10-15
[30] US (61/726,971) 2012-11-15
[30] US (61/837,715) 2013-06-21

[21] **2,885,256**
[13] A1

[51] **Int.Cl. B66B 23/00 (2006.01)**
[25] EN
[54] **TRACK SYSTEM FOR AN ESCALATOR OR A MOVING WALKWAY**
[54] **SYSTEME DE PISTE DE ROULEMENT POUR UN ESCALIER ROULANT OU UN TAPIS ROULANT**
[72] MAKOVEC, CHRISTOPH, AT
[72] MATHEISL, MICHAEL, AT
[72] SCHULZ, ROBERT, AT
[72] ILLEDITS, THOMAS, AT
[72] NOVACEK, THOMAS, AT
[72] HAUER, UWE, DE
[72] BURRI, JURG, CH
[71] INVENTIO AG, CH
[85] 2015-03-17
[86] 2013-09-18 (PCT/EP2013/069367)
[87] (WO2014/048809)
[30] EP (12186427.6) 2012-09-27

[21] **2,885,257**
[13] A1

[51] **Int.Cl. E21B 4/02 (2006.01) E21B 17/10 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO DRILLING APPARATUS**
[54] **AMELIORATIONS DANS OU ASSOCIEES A UN APPAREIL DE FORAGE**
[72] DA SILVA, NUNO, BE
[72] DUPONT, OLIVIER, BE
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-17
[86] 2012-09-18 (PCT/EP2012/068316)
[87] (WO2014/044290)

[21] **2,885,258**
[13] A1

[51] **Int.Cl. A61L 2/28 (2006.01) G01N 7/14 (2006.01) G01N 25/60 (2006.01)**
[25] EN
[54] **MEASUREMENT OF THE NCG CONCENTRATION IN A STEAM STERILIZER**
[54] **MESURE DE LA CONCENTRATION EN GAZ NON-CONDENSABLES (NCG) DANS UN AUTOCLAVE**
[72] SCHUMACHER, KNUT, DE
[72] HERMSEN, ROBBERT-JAN, DE
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2015-03-17
[86] 2013-09-16 (PCT/US2013/059909)
[87] (WO2014/046998)
[30] GB (1216587.4) 2012-09-18

[21] **2,885,259**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PYRROLO[3,2-C]PYRIDINE TROPOMYOSIN-RELATED KINASE INHIBITORS**
[54] **INHIBITEURS DE KINASE ASSOCIEE A LA TROPOMYOSINE PYRROLO[3,2-C]PYRIDINE**
[72] ANDREWS, MARK DAVID, GB
[72] BAGAL, SHARANJEET KAUR, GB
[72] BROWN, DAVID GRAHAM, GB
[72] GIBSON, KARL RICHARD, GB
[72] KLUTE, WOLFGANG, GB
[72] MORAO, INAKI, GB
[72] OMOTO, KIYOYUKI, GB
[72] RYCKMANS, THOMAS, GB
[72] SABNIS, YOGESH, GB
[72] SKERRATT, SARAH ELIZABETH, GB
[72] STUPPLE, PAUL ANTHONY, GB
[71] PFIZER LIMITED, GB
[85] 2015-03-16
[86] 2013-09-26 (PCT/IB2013/058895)
[87] (WO2014/053968)
[30] US (61/709,497) 2012-10-04

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[21] **2,885,260**
[13] A1

[51] **Int.Cl. E21B 21/08 (2006.01) E21B 21/10 (2006.01)**
[25] EN
[54] **REGULATING DRILLING FLUID PRESSURE IN A DRILLING FLUID CIRCULATION SYSTEM**
[54] **REGULATION DE LA PRESSION DE FLUIDE DE FORAGE DANS UN SYSTEME DE CIRCULATION DE FLUIDE DE FORAGE**
[72] OY, LARS, NO
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-17
[86] 2012-12-31 (PCT/IB2012/057842)
[87] (WO2014/102573)

[21] **2,885,261**
[13] A1

[51] **Int.Cl. A61F 2/04 (2013.01) A61M 25/00 (2006.01) A61F 2/82 (2013.01) A61M 27/00 (2006.01)**
[25] FR
[54] **ENDO-URETHRAL PROSTHESIS**
[54] **PROTHESE ENDO-URINAIRE**
[72] GRISE, PHILIPPE, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE DE ROUEN, FR
[85] 2015-03-17
[86] 2013-09-18 (PCT/EP2013/069395)
[87] (WO2014/044718)
[30] FR (1258756) 2012-09-18
[30] FR (1350577) 2013-01-23

[21] **2,885,262**
[13] A1

[51] **Int.Cl. C07D 311/18 (2006.01) A61K 31/352 (2006.01) A61K 31/381 (2006.01) A61K 31/4406 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) C07D 405/12 (2006.01) C07D 409/12 (2006.01)**
[25] EN
[54] **COUMARIN DERIVATIVE**
[54] **DERIVE DE COUMARINE**
[72] NAIKI, MITSURU, JP
[72] OKADA, TOMOYUKI, JP
[72] SAWADA, KAZUYOSHI, JP
[72] OGINO, TAKASHI, JP
[71] NIPPON ZOKI PHARMACEUTICAL CO., LTD., JP
[85] 2015-03-17
[86] 2013-09-20 (PCT/JP2013/075414)
[87] (WO2014/046224)
[30] JP (2012-208656) 2012-09-21

[21] **2,885,263**
[13] A1

[51] **Int.Cl. B01D 15/08 (2006.01)**
[25] EN
[54] **CHROMATOGRAPHY MEDIA AND DEVICES**
[54] **MILIEU DE CHROMATOGRAPHIE ET DISPOSITIFS ASSOCIES**
[72] GU, FENG, US
[72] MU, NING, US
[71] W. R. GRACE & CO.-CONN., US
[85] 2015-03-17
[86] 2013-09-16 (PCT/US2013/059984)
[87] (WO2014/058570)
[30] US (61/702,165) 2012-09-17

[21] **2,885,264**
[13] A1

[51] **Int.Cl. B01J 20/22 (2006.01) B01D 15/10 (2006.01) B01J 20/30 (2006.01) C08K 9/06 (2006.01) C07F 7/18 (2006.01)**
[25] EN
[54] **FUNCTIONALIZED PARTICULATE SUPPORT MATERIAL AND METHODS OF MAKING AND USING THE SAME**
[54] **MATIERE DE SUPPORT PARTICULAIRE FONCTIONNALISEE ET PROCEDES DE SA REALISATION ET DE SON UTILISATION**
[72] GU, FENG, US
[71] W. R. GRACE & CO.-CONN., US
[85] 2015-03-17
[86] 2013-09-16 (PCT/US2013/059995)
[87] (WO2014/043644)
[30] US (61/702,174) 2012-09-17

[21] **2,885,265**
[13] A1

[51] **Int.Cl. B25J 9/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR MOVING A MOBILE TENDON CONTROLLED PLATFORM ROBOT**
[54] **SYSTEME PERMETTANT DE DEPLACER UNE PLATEFORME ROBOT MOBILE COMMANDEE PAR TENDONS**
[72] HERDER, JUSTUS LAURENS, NL
[72] VAN DER WIJK, VOLKERT, NL
[72] VOSS, KEVIN HENDRIK JOZEF, NL
[71] METISS B.V., NL
[85] 2015-03-17
[86] 2013-09-05 (PCT/NL2013/050638)
[87] (WO2014/042522)
[30] NL (2009478) 2012-09-17

[21] **2,885,266**
[13] A1

[51] **Int.Cl. C07D 295/096 (2006.01) A61K 31/495 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **NOVEL CRYSTALLINE FORM OF VORTIOXETINE HYDROBROMIDE**
[54] **NOUVELLE FORME CRISTALLINE DE BROMHYDRATE DE VORTIOXETINE**
[72] HOTTER, ANDREAS, AT
[72] ENDERS, MICHAEL, AT
[72] GRIESSER, ULRICH, AT
[71] SANDOZ AG, CH
[85] 2015-03-17
[86] 2013-09-18 (PCT/EP2013/069401)
[87] (WO2014/044721)
[30] EP (12185103.4) 2012-09-19

[21] **2,885,267**
[13] A1

[51] **Int.Cl. A01K 15/02 (2006.01) A01K 15/04 (2006.01) A01K 27/00 (2006.01)**
[25] EN
[54] **DEVICE FOR LIMITING THE MOVEMENT OF A FOUR-LEGGED ANIMAL**
[54] **DISPOSITIF POUR LIMITER LE MOUVEMENT D'UN QUADRUPÈDE**
[72] ELDEVIK, FRODE, NO
[71] DOG ACTIVITIES AS, NO
[85] 2015-03-17
[86] 2013-09-03 (PCT/IB2013/058243)
[87] (WO2014/060866)
[30] NO (20121206) 2012-10-17
[30] NO (20130259) 2013-02-15

[21] **2,885,268**
[13] A1

[51] **Int.Cl. A61B 17/11 (2006.01)**
[25] EN
[54] **A MOUNTING TOOL FOR AN ANASTOMOTIC DEVICE**
[54] **OUTIL DE MONTAGE D'UN DISPOSITIF POUR ANASTOMOSE**
[72] GRONLUND, ANDERS, SE
[71] CARPNOVUM AB, SE
[85] 2015-03-17
[86] 2013-09-12 (PCT/SE2013/051065)
[87] (WO2014/046596)
[30] SE (1251060-8) 2012-09-20

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[21] **2,885,269**
[13] A1

[51] **Int.Cl. H04L 5/00 (2006.01) H04L 1/18 (2006.01)**
[25] EN
[54] **PUCCH RESOURCE ALLOCATION FOR E-PDCCH IN COMMUNICATIONS SYSTEM**
[54] **ATTRIBUTION DE RESSOURCES PUCCH POUR UN E-PDCCH DANS UN SYSTEME DE COMMUNICATION**
[72] ZHANG, LI, CN
[72] LUNTTILA, TIMO ERKKI, FI
[72] TIROLA, ESA TAPANI, FI
[71] NOKIA SOLUTIONS AND NETWORKS OY, FI
[85] 2015-03-18
[86] 2012-09-28 (PCT/EP2012/069193)
[87] (WO2014/048487)

[21] **2,885,270**
[13] A1

[51] **Int.Cl. G06Q 30/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REAL-TIME DISCOUNTS AT POINT OF SALE**
[54] **SYSTEME ET PROCEDE POUR DES RABAIS EN TEMPS REEL A UN POINT DE VENDE**
[72] GILMAN, ANDREA CHRISTINE, US
[72] GUINEY, CHRISTOPHER ANDREW, US
[72] YATES, LISA, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2015-03-17
[86] 2013-09-17 (PCT/US2013/060079)
[87] (WO2014/047035)
[30] US (13/622,129) 2012-09-18

[21] **2,885,271**
[13] A1

[51] **Int.Cl. E21B 4/02 (2006.01) E21B 3/02 (2006.01) E21B 4/10 (2006.01)**
[25] EN
[54] **DRILLING MOTOR WITH ONE-WAY ROTARY CLUTCH**
[54] **MOTEUR DE FORAGE A EMBRAYAGE ROTATIF UNIDIRECTIONNEL**
[72] DOWNIE, ANDREW M., GB
[72] CRAMPTON, CHRISTOPHER P., GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-17
[86] 2012-10-16 (PCT/US2012/060345)
[87] (WO2014/062158)

[21] **2,885,272**
[13] A1

[51] **Int.Cl. C07D 235/08 (2006.01) A61K 31/4184 (2006.01) A61P 3/10 (2006.01) A61P 9/10 (2006.01) C07D 403/06 (2006.01) C07D 405/06 (2006.01) C07D 409/14 (2006.01) C07D 411/06 (2006.01) C07D 413/14 (2006.01) C07D 417/06 (2006.01) C07D 451/04 (2006.01) C07D 487/06 (2006.01)**
[25] EN
[54] **BENZOIMIDAZOLE-CARBOXYLIC ACID AMIDE DERIVATIVES AS APJ RECEPTOR MODULATORS**
[54] **DERIVES D'AMIDE D'ACIDE BENZIMIDAZOLE-CARBOXYLIQUE UTILISES COMME MODULATEURS DU RECEPTEUR APJ**
[72] HACHTEL, STEPHANIE, DE
[72] WOHLFART, PAULUS, DE
[72] WESTON, JOHN, DE
[72] MULLER, MARCO, DE
[72] DEFOSSA, ELISABETH, DE
[72] MERTSCH, KATHARINA, DE
[72] WENG, JIAN-HUI, US
[72] BINNIE, ROBERT A., US
[72] ABDUL-LATIF, FARID, US
[72] BOCK, WILLIAM JEROME, US
[72] WALSER, ARMIN, US
[71] SANOFI, FR
[85] 2015-03-17
[86] 2013-09-19 (PCT/EP2013/069432)
[87] (WO2014/044738)
[30] EP (12306142.6) 2012-09-21

[21] **2,885,273**
[13] A1

[51] **Int.Cl. B65G 51/01 (2006.01) A23N 12/02 (2006.01) B65B 25/04 (2006.01) B65B 69/00 (2006.01)**
[25] EN
[54] **IMPROVED APPARATUS FOR EMPTYING CONTAINERS OF HORTICULTURAL PRODUCTS**
[54] **APPAREIL AMELIORE POUR LE VIDAGE DE CONTENEURS DE PRODUITS HORTICOLES**
[72] BENEDETTI, LUCA, IT
[71] UNITEC S.P.A., IT
[85] 2015-03-17
[86] 2013-09-23 (PCT/IB2013/058778)
[87] (WO2014/057378)
[30] IT (PN2012A000062) 2012-10-11

[21] **2,885,274**
[13] A1

[51] **Int.Cl. A47J 31/00 (2006.01) A47J 31/06 (2006.01) B65D 85/804 (2006.01)**
[25] EN
[54] **FOOD CAPSULE WITH MULTIPLE COMPARTMENTS**
[54] **CAPSULE D'ALIMENTS AYANT DE MULTIPLES COMPARTIMENTS**
[72] TALON, CHRISTIAN, CH
[71] NESTEC S.A., CH
[85] 2015-03-18
[86] 2013-10-11 (PCT/EP2013/071297)
[87] (WO2014/057094)
[30] EP (12188393.8) 2012-10-12

[21] **2,885,275**
[13] A1

[51] **Int.Cl. C07C 251/08 (2006.01) C07F 15/06 (2006.01) C08F 4/42 (2006.01) C08F 36/06 (2006.01) C08F 136/06 (2006.01)**
[25] EN
[54] **OXO-NITROGENATED COMPLEX OF COBALT, CATALYTIC SYSTEM COMPRISING SAID OXO-NITROGENATED COMPLEX AND PROCESS FOR THE (CO) POLYMERIZATION OF CONJUGATED DIENES**
[54] **COMPLEXE DE COBALT OXO-AZOTE, SYSTEME CATALYTIQUE LE COMPRENANT ET PROCEDE DE (CO)POLYMERISATION DE DIENES CONJUGUES**
[72] SOMMAZZI, ANNA, IT
[72] RICCI, GIOVANNI, IT
[72] MASI, FRANCESCO, IT
[72] LEONE, GIUSEPPE, IT
[71] VERSALIS S.P.A., IT
[85] 2015-03-17
[86] 2013-12-18 (PCT/IB2013/061078)
[87] (WO2014/097167)
[30] IT (MI2012A002201) 2012-12-20

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[21] **2,885,276**
[13] A1

[51] **Int.Cl. F28F 3/08 (2006.01) F28F 3/04 (2006.01)**
[25] EN
[54] **HEAT TRANSFER PLATE AND PLATE HEAT EXCHANGER COMPRISING SUCH A HEAT TRANSFER PLATE**
[54] **PLAQUE DE TRANSFERT DE CHALEUR ET ECHANGEUR DE CHALEUR A PLAQUE COMPRENANT LADITE PLAQUE DE TRANSFERT DE CHALEUR**
[72] HEDBERG, MAGNUS, SE
[72] NILSSON, JOHAN, SE
[71] ALFA LAVAL CORPORATE AB, SE
[85] 2015-03-18
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[87] (WO2014/067757)
[30] EP (12190493.2) 2012-10-30

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[25] FR
[54] **METHOD FOR EXTRACTING AND STABILISING PHYCOCYANIN AND THE USES THEREOF**
[54] **PROCEDE D'EXTRACTION ET DE STABILISATION DE PHYCOCYANINE ET SES APPLICATIONS**
[72] POTTECHER, FREDERIC, FR
[71] ECOSYSTEM, FR
[85] 2015-03-17
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[87] (WO2014/045177)
[30] FR (1258824) 2012-09-20

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[25] EN
[54] **PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE**
[72] HALSKOV, SOREN, DK
[71] FERRING B.V., NL
[85] 2015-03-17
[86] 2013-09-20 (PCT/EP2013/069570)
[87] (WO2014/044794)
[30] EP (12185339.4) 2012-09-21
[30] EP (13160799.6) 2013-03-25

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[51] **Int.Cl. C08F 36/06 (2006.01) C08F 136/06 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF (CO) POLYMERS OF CONJUGATED DIENES IN THE PRESENCE OF A CATALYTIC SYSTEM COMPRISING A BIS-IMINE COMPLEX OF COBALT**
[54] **PROCEDE DE PREPARATION DE (CO) POLYMERES DE DIENES CONJUGUES EN PRESENCE D'UN SYSTEME CATALYTIQUE COMPRENANT UN COMPLEXE BIS-IMINE DE COBALT**
[72] RICCI, GIOVANNI, IT
[72] SOMMAZZI, ANNA, IT
[72] LEONE, GIUSEPPE, IT
[72] MASI, FRANCESCO, IT
[72] BOGLIA, ALDO, IT
[71] VERSALIS S.P.A., IT
[85] 2015-03-17
[86] 2013-12-19 (PCT/IB2013/061125)
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[25] EN
[54] **DOUGH KNEADER MACHINE AND RELATED METHOD OF MAKING AN ALIMENTARY DOUGH**
[54] **PETRIN A PATE ET PROCEDE CORRESPONDANT POUR PREPARER UNE PATE ALIMENTAIRE**
[72] CHIARAMELLO, ANTONIO, IT
[71] ARTECH S.R.L., IT
[85] 2015-03-17
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[25] EN
[54] **STEREO PROJECTION APPARATUS AND STEREO PROJECTION SYSTEM WITH LOW THROW RATIO AND HIGH LIGHT EFFICIENCY**
[54] **DISPOSITIF DE PROJECTION STEREOGRAPHIQUE POSSEDANT UN FAIBLE RAPPORT DE PROJECTION ET UN EFFET LUMINEUX ELEVE ET SYSTEME DE PROJECTION STEREOGRAPHIQUE**
[72] LI, YANLONG, CN
[72] DENG, XIANJUN, CN
[72] WANG, YETONG, CN
[71] SHENZHEN TIME WAYING TECHNOLOGY CO., LTD., CN
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[51] **Int.Cl. G07F 17/34 (2006.01)**
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[54] **GAMING MACHINE HAVING SETS OF REELS**
[54] **MACHINE DE JEU AYANT DES ENSEMBLES DE BOBINES**
[72] GUGLER, MARTIN, AT
[72] BARTOSIK, OLIVER, AT
[71] NOVOMATIC AG, AT
[85] 2015-03-17
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[54] **A COMPUTER GRAPHICS METHOD FOR RENDERING THREE DIMENSIONAL SCENES**
[54] **PROCEDE INFOGRAPHIQUE POUR LE RENDU DE SCENES TRIDIMENSIONNELLES**
[72] DELL, BRUCE ROBERT, AU
[71] EUCLIDEON PTY LTD, AU
[85] 2015-03-18
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[25] EN
[54] **SYSTEMS AND METHODS FOR DIAGNOSING A PREDISPOSITION TO COLON CANCER**
[54] **SYSTEMES ET PROCEDES DE DIAGNOSTIC D'UNE PREDISPOSITION AU CANCER DU COLON**
[72] ENDERS, GREG H., US
[72] ANDRAKE, MARK, US
[72] HALL, MICHAEL J., US
[72] LUO, BIAO, US
[72] YEN, TIMOTHY J., US
[71] INSTITUTE FOR CANCER RESEARCH D/B/A/ THE RESEARCH INSTITUTE OF FOX CHASE CANCER CENTER, US
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[54] **METHOD AND APPARATUS FOR SCHEDULING CONTROL**
[54] **PROCEDE ET APPAREIL DE COMMANDE DE PLANIFICATION**
[72] QIAN, YU, CN
[72] LU, QIANXI, CN
[72] WANSTEDT, STEFAN, SE
[71] OPTIS CELLULAR TECHNOLOGY, LLC, US
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[54] **A COMPLETELY RECESSED DOOR HANDLE PROVIDED WITH LOCK**
[54] **POIGNEE DE PORTE COMPLETEMENT ENCASTREE ET POURVUE D'UNE SERRURE**
[72] GAROFOLI, FERNANDO, IT
[71] GI.GAR S.R.L., IT
[85] 2015-03-17
[86] 2013-09-23 (PCT/EP2013/069743)
[87] (WO2014/044850)
[30] IT (AN2012A000119) 2012-09-24

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[25] EN
[54] **MULTIFUEL GAS TURBINE COMBUSTOR**
[54] **CHAMBRE DE COMBUSTION DE TURBINE A GAZ POLYCARBURANT**
[72] OGATA, MASAHIRO, JP
[72] ODA, TAKEO, JP
[72] KINOSHITA, YASUHIRO, JP
[71] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
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[25] EN
[54] **THERMALLY FREE LINER RETENTION MECHANISM**
[54] **MECANISME DE RETENTION DE CHEMISE THERMIQUEMENT LIBRE**
[72] STUTTAFORD, PETER JOHN, US
[72] JORGENSEN, STEPHEN, US
[72] RIZKALLA, HANY, US
[71] ALSTOM TECHNOLOGY LTD, CH
[85] 2015-03-17
[86] 2013-09-30 (PCT/US2013/062680)
[87] (WO2014/099091)
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[30] US (14/038,038) 2013-09-26

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[25] EN
[54] **DUCT WITH PAINT SEALANT**
[54] **CONDUITE DOTEE D'ENDUIT PROTECTEUR**
[72] GRAY, MARTIN E., US
[71] GRAY METAL PRODUCTS, INC., US
[85] 2015-03-17
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[25] EN
[54] **HYDRAULIC COMPOSITION**
[54] **COMPOSITION HYDRAULIQUE**
[72] DAL BO, ALESSANDRO, IT
[72] MARINELLO, GIANMARIA, IT
[72] PIETROBON, MAURIZIO, IT
[72] TOMMASI, ALAN, IT
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
[85] 2015-03-17
[86] 2013-09-23 (PCT/EP2013/069652)
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[13] A1

[51] **Int.Cl. C25B 1/13 (2006.01) C25B 1/26 (2006.01) C25B 1/30 (2006.01) C25B 11/04 (2006.01)**
[25] EN
[54] **ELECTROLYTIC CELL EQUIPPED WITH MICROELECTRODES**
[54] **CELLULE ELECTROLYTIQUE POURVUE DE MICROELECTRODES**
[72] GULLA, ANDREA FRANCESCO, US
[71] INDUSTRIE DE NORA S.P.A., IT
[85] 2015-03-17
[86] 2013-11-08 (PCT/EP2013/073356)
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[30] IT (MI2012A001909) 2012-11-09

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[13] A1

[51] **Int.Cl. D06B 3/04 (2006.01) D06M 13/248 (2006.01) D06M 15/643 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR APPLYING COLORS AND PERFORMANCE CHEMICALS ON CARPET YARNS**
[54] **APPAREIL ET PROCEDE D'APPLICATION DE COULEURS ET DE PRODUITS CHIMIQUES PERFORMANTS SUR DES FILS A TAPIS**
[72] TUNG, WAE-HAI, US
[72] RITTENHOUSE, RONNIE, US
[71] INVISTA TECHNOLOGIES S.A.R.L., CH
[85] 2015-03-17
[86] 2013-09-18 (PCT/US2013/060363)
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[54] **ANALYSE D'UNE STRATIGRAPHIE DE FRACTURE**
[72] WILLIAMS, KENNETH E., US
[72] MA, JIANFU, US
[72] LIN, AVI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[30] US (13/646,093) 2012-10-05

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[13] A1

[51] **Int.Cl. C07K 14/47 (2006.01)**
[25] EN
[54] **MEANS AND METHODS FOR DETERMINATION OF BOTULINUM NEUROTOXIN BIOLOGICAL ACTIVITY**
[54] **MOYENS ET PROCEDES POUR DETERMINER L'ACTIVITE BIOLOGIQUE D'UNE NEUROTOXINE BOTULIQUE**
[72] EISELE, KARL-HEINZ, DE
[72] FINK, KLAUS, DE
[71] MERZ PHARMA GMBH & CO. KGAA, DE
[85] 2015-03-17
[86] 2013-11-20 (PCT/EP2013/074276)
[87] (WO2014/079878)
[30] EP (12193560.5) 2012-11-21
[30] US (61/729,048) 2012-11-21

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[13] A1

[51] **Int.Cl. A63F 3/00 (2006.01) A63F 9/00 (2006.01) A63F 11/00 (2006.01)**
[25] EN
[54] **GAME PIECE WITH SWAPPABLE BASE**
[54] **PIECE DE JEU AYANT UNE BASE INTERCHANGEABLE**
[72] ZIRAN, JUSTIN, US
[72] KINSELLA, BRYAN, US
[71] NATIONAL ENTERTAINMENT COLLECTIBLES ASSOCIATION, INC., US
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[86] 2013-09-23 (PCT/US2013/061136)
[87] (WO2014/047535)
[30] US (61/704,280) 2012-09-21

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[13] A1

[51] **Int.Cl. H01F 6/00 (2006.01) H01L 39/24 (2006.01)**
[25] EN
[54] **PULSED ACTIVATION OF TRAPPED FIELD MAGNETS**
[54] **ACTIVATION PULSE D'AIMANTS A CHAMP PIEGE**
[72] PARKS, DREW PAUL, US
[72] WEINSTEIN, ROY, US
[71] NATIONAL OILWELL VARCO L.P., US
[85] 2015-03-17
[86] 2013-10-07 (PCT/US2013/063710)
[87] (WO2014/058790)
[30] US (61/710,847) 2012-10-08
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[25] EN
[54] **HEAT EXCHANGER PLATE AND PLATE HEAT EXCHANGER COMPRISING SUCH A HEAT EXCHANGER PLATE**
[54] **PLAQUE D'ECHANGEUR THERMIQUE ET ECHANGEUR THERMIQUE A PLAQUES COMPRENANT LADITE PLAQUE**
[72] HEDBERG, MAGNUS, SE
[72] NILSSON, JOHAN, SE
[71] ALFA LAVAL CORPORATE AB, SE
[85] 2015-03-18
[86] 2013-10-10 (PCT/EP2013/071150)
[87] (WO2014/067758)
[30] EP (12190496.5) 2012-10-30

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[13] A1

[51] **Int.Cl. G01N 21/87 (2006.01)**
[25] EN
[54] **GEMSTONE REGISTRATION AND CUT QUALITY SYSTEM**
[54] **SYSTEME D'ENREGISTREMENT ET D'EVALUATION DE LA QUALITE DE LA TAILLE D'UNE PIERRE PRECIEUSE**
[72] PALMIERI, ANGELO W., US
[72] PALMIERI, DONALD A., US
[72] SUN, YU, US
[72] LODHIYA, RITWIK, US
[71] GEMOLOGICAL APPRAISAL ASSOCIATION, INC., US
[85] 2015-03-17
[86] 2013-10-08 (PCT/US2013/063924)
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[30] US (61/710,883) 2012-10-08

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[13] A1

[51] **Int.Cl. A62C 27/00 (2006.01)**
[25] EN
[54] **FIRE SUPPRESSION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'EXTINCTION D'INCENDIE**
[72] SANDAHL, DEREK M., US
[72] COUNTS, BRIAN L., US
[72] FERNSTRUM, MARVIN B., US
[72] RYCZEK, CHAD, US
[72] ESCALANTE-ORTIZ, SAUL, US
[72] WERTH, JOHN T., US
[72] LILLEY, GREGORY J., US
[72] STREHLOW, DAVID R., US
[72] KREFT, ANTHONY J., US
[72] MYERS, THOMAS JOHN, US
[72] BUSHERT, JOHN S., US
[72] HACKL, RICHARD J., US
[72] THORELL, MARVIN D., US
[71] TYCO FIRE PRODUCTS LP, US
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[86] 2013-09-23 (PCT/US2013/061219)
[87] (WO2014/047579)
[30] US (61/704,551) 2012-09-23
[30] US (61/794,105) 2013-03-15
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[25] EN
[54] **POWER PREFERENCE INDICATOR TIMER**
[54] **COMPTEUR INDICATEUR DE PREFERENCE DE PUISSANCE**
[72] KESKITALO, ILKKA, FI
[72] KOSKINEN, JUSSI-PEKKA, FI
[71] NOKIA CORPORATION, FI
[85] 2015-03-17
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[30] US (61/706,844) 2012-09-28

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[51] **Int.Cl. C23C 28/00 (2006.01) C23C 4/10 (2006.01)**
[25] EN
[54] **ARTICLE FORMED BY PLASMA SPRAY**
[54] **ARTICLE FORME PAR PULVERISATION PAR PLASMA**
[72] SIVARAMAKRISHNAN, SHANKAR, US
[72] RUUD, JAMES ANTHONY, US
[72] JOHNSON, CURTIS ALAN, US
[72] ROSENZWEIG, LARRY STEVEN, US
[71] GENERAL ELECTRIC COMPANY, US
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[13] A1

[51] **Int.Cl. G09B 23/28 (2006.01) G09B 23/30 (2006.01)**
[25] EN
[54] **SURGICAL TRAINING MODEL FOR LAPAROSCOPIC PROCEDURES**
[54] **MODELE D'APPRENTISSAGE CHIRURGICAL POUR LAPAROSCOPIQUES**
[72] BRESLIN, TRACY, US
[72] POULSEN, NIKOLAI, US
[72] PALERMO, MICHAEL, US
[72] HOKE, ADAM, US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
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[25] EN
[54] **NOVEL STRAINS OF BREVIBACILLUS LATEROSPORUS AS BIOCONTROL AGENTS AGAINST PLANT PESTS, PARTICULARLY LEPIDOPTERA AND DIPTERA**
[54] **COMPOSITIONS DE LUTTE BIOLOGIQUE**
[72] GLARE, TRAVIS ROBERT, NZ
[72] HAMPTON, JOHN GRAHAM, NZ
[72] COX, MURRAY PAUL, NZ
[72] BIENKOWSKI, DAMIAN ALEXANDER, NZ
[71] LINCOLN UNIVERSITY, NZ
[85] 2015-03-18
[86] 2013-06-24 (PCT/IB2013/055157)
[87] (WO2014/045131)
[30] US (61/704,801) 2012-09-24
[30] US (13/837,735) 2013-03-15

[21] **2,885,304**
[13] A1

[51] **Int.Cl. A61F 2/26 (2006.01)**
[25] EN
[54] **IMPLANTABLE PENILE PROSTHESIS**
[54] **PROTHESE PENIENNE IMPLANTABLE**
[72] DARNELL, RYAN, US
[72] BERKENES, ROBERT J., US
[72] RYKHUS, ROBERT L., JR., US
[71] AMS RESEARCH CORPORATION, US
[85] 2015-03-18
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[87] (WO2014/052729)
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[25] EN
[54] **SYNTHESIS AND INTERMEDIATES OF PYRROLOBENZODIAZEPINE DERIVATIVES FOR CONJUGATION**
[54] **SYNTHESE ET INTERMEDIAIRES DE DERIVES DE PYRROLOBENZODIAZEPINE POUR CONJUGAISON**
[72] HOWARD, PHILIP WILSON, GB
[71] SPIROGEN SARL, CH
[85] 2015-03-18
[86] 2013-10-11 (PCT/EP2013/071234)
[87] (WO2014/057072)
[30] US (61/713,083) 2012-10-12

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[13] A1

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[25] EN
[54] **CONVEYOR BELT HAVING BIDIRECTIONAL STACKED ROLLERS**
[54] **COURROIE TRANSPORTEUSE AYANT DES ROULEAUX EMPILES BIDIRECTIONNELS**
[72] COSTANZO, MARK, US
[72] SCATES, DENNIS K., US
[72] MYERS, DAVID H., US
[72] MCCALL, GLENN R., JR., US
[72] FOURNEY, MATTHEW L., US
[71] LAITRAM, L.L.C., US
[85] 2015-03-17
[86] 2013-09-25 (PCT/US2013/061515)
[87] (WO2014/055296)
[30] US (61/708,664) 2012-10-02

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[13] A1

[51] **Int.Cl. B65G 15/48 (2006.01) C21D 7/04 (2006.01) F27B 21/06 (2006.01)**
[25] EN
[54] **METHOD FOR ENHANCING FATIGUE DURABILITY OF A CONVEYOR BELT OF A STRAND SINTERING FURNACE, AND CONVEYOR BELT**
[54] **PROCEDE POUR AMELIORER UNE LONGEVITE A LA FATIGUE D'UNE COURROIE TRANSPORTEUSE D'UN FOUR DE FRITTAGE EN CONTINU, ET COURROIE TRANSPORTEUSE**
[72] LAIHONEN, PAAVO, FI
[72] LINDGREN, MARI, FI
[71] OUTOTEC (FINLAND) OY, FI
[85] 2015-03-17
[86] 2013-10-07 (PCT/FI2013/050971)
[87] (WO2014/057170)
[30] FI (20126061) 2012-10-09

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[13] A1

[51] **Int.Cl. B02C 13/04 (2006.01) B02C 13/28 (2006.01)**
[25] EN
[54] **HAMMER SUPPORT FOR ROTARY TOOL**
[54] **SUPPORT DE MARTEAU POUR OUTIL ROTATIF**
[72] ROOZEBOOM, KEITH LEON, US
[72] BREJA, JOSEPH EDWARD, US
[71] VERMEER MANUFACTURING COMPANY, US
[85] 2015-02-02
[86] 2014-09-10 (PCT/US2014/054954)
[87] (WO2015/038619)
[30] US (61/875,920) 2013-09-10
[30] US (14/313,368) 2014-06-24

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[13] A1

[51] **Int.Cl. F41H 5/04 (2006.01)**
[25] EN
[54] **ARMOR SYSTEM**
[54] **SYSTEME DE BLINDAGE**
[72] COHEN, HANANYA, US
[72] COHEN, EDWIN, BE
[71] EDAN ADMINISTRATION SERVICES (IRELAND) LIMITED, IE
[85] 2015-03-18
[86] 2013-09-23 (PCT/IB2013/058756)
[87] (WO2014/045248)
[30] US (61/704,502) 2012-09-23

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[21] **2,885,310**
[13] A1

[51] **Int.Cl. H04N 21/2187 (2011.01) H04N 21/258 (2011.01) H04N 21/435 (2011.01) H04N 21/442 (2011.01) H04N 21/482 (2011.01) H04N 21/658 (2011.01)**

[25] EN

[54] **PROVIDING SECONDARY CONTENT TO ACCOMPANY A PRIMARY CONTENT ITEM**

[54] **FOURNITURE DE CONTENU SECONDAIRE POUR ACCOMPAGNER UN ELEMENT DE CONTENU PRINCIPAL**

[72] MANDALIA, HIREN M., US

[72] ALL, MIR F., US

[72] BASAPUR, SANTOSH S., US

[72] BRASKICH, ANTHONY J., US

[72] DAVIS, PAUL C., US

[72] ISHTIAQ, FAISAL, US

[72] METCALF, CRYSTA J., US

[72] NOVAK, ASHLEY B., US

[72] RITTLE, LOREN J., US

[72] RUSSELL, DALE W., US

[72] TALLEY, JAMES R., US

[72] VENKITARAMAN, NARAYANAN, US

[71] GENERAL INSTRUMENT CORPORATION, US

[85] 2015-03-18

[86] 2013-09-27 (PCT/US2013/062237)

[87] (WO2014/052788)

[30] US (13/628,161) 2012-09-27

[21] **2,885,311**
[13] A1

[51] **Int.Cl. C07C 67/62 (2006.01) C07C 69/34 (2006.01)**

[25] EN

[54] **ALCOHOL-MEDIATED ESTERIFICATION OF CARBOXYLIC ACIDS WITH CARBONATES**

[54] **ESTERIFICATION, INDUITE PAR UN ALCOOL, D'ACIDES CARBOXYLIQUES AVEC DES CARBONATES**

[72] STENSRUD, KENNETH, US

[72] SCHULTZ, MITCHELL, US

[72] VENKITASUBRAMANIAN, PADMESH, US

[71] ARCHER-DANIELS-MIDLAND COMPANY, US

[85] 2015-03-17

[86] 2013-10-11 (PCT/US2013/064458)

[87] (WO2014/070415)

[30] US (61/719,537) 2012-10-29

[21] **2,885,312**
[13] A1

[51] **Int.Cl. A61F 13/02 (2006.01) B65B 31/00 (2006.01)**

[25] EN

[54] **OXYGEN DIFFUSIVE WOUND DRESSINGS**

[54] **PANSEMENTS DIFFUSANT DE L'OXYGENE**

[72] DORIAN, RANDY, US

[72] IZVORSKI, ALEXANDER B., US

[72] STORRS, RICHARD W., US

[72] LEACH, MICHAEL D., US

[71] OWL MANOR MEDICAL, LLC, US

[85] 2015-03-18

[86] 2013-08-14 (PCT/US2013/054937)

[87] (WO2014/058532)

[30] US (13/650,003) 2012-10-11

[30] US (13/692,343) 2012-12-03

[21] **2,885,313**
[13] A1

[51] **Int.Cl. A41C 3/10 (2006.01)**

[25] FR

[54] **BRA CUP HAVING AN ENHANCING EFFECT**

[54] **BONNET DE SOUTIEN-GORGE A EFFET AMPLIFICATEUR**

[72] TURLAN, MANON, FR

[71] DBAPPAREL OPERATIONS, FR

[85] 2015-03-17

[86] 2013-11-12 (PCT/FR2013/052709)

[87] (WO2014/072666)

[30] FR (12/60728) 2012-11-12

[21] **2,885,314**
[13] A1

[51] **Int.Cl. G09B 23/28 (2006.01) G09B 23/30 (2006.01)**

[25] EN

[54] **SURGICAL TRAINING MODEL FOR TRANSLUMINAL LAPAROSCOPIC PROCEDURES**

[54] **MODELE DE FORMATION CHIRURGICALE POUR DES PROCEDURES LAPAROSCOPIQUES TRANSLUMINALES**

[72] POULSEN, NIKOLAI, US

[72] BRESLIN, TRACY, US

[72] DEMARCHI, JACQUELINE, US

[71] APPLIED MEDICAL RESOURCES CORPORATION, US

[85] 2015-03-18

[86] 2013-09-27 (PCT/US2013/062269)

[87] (WO2014/052808)

[30] US (61/707,581) 2012-09-28

[21] **2,885,315**
[13] A1

[51] **Int.Cl. C07K 5/062 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01)**

[25] EN

[54] **PYRROLOBENZODIAZEPINES AND CONJUGATES THEREOF**

[54] **PYRROLOBENZODIAZEPINES ET LEURS CONJUGUES**

[72] HOWARD, PHILIP WILSON, GB

[71] SPIROGEN SARL, CH

[85] 2015-03-18

[86] 2013-10-11 (PCT/EP2013/071235)

[87] (WO2014/057073)

[30] US (61/712,924) 2012-10-12

[21] **2,885,316**
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[51] **Int.Cl. A61B 1/045 (2006.01) A61B 1/05 (2006.01) G02B 23/24 (2006.01) H04N 5/232 (2006.01) H04N 5/235 (2006.01)**

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[54] **ENDOSCOPIC ARRANGEMENT**

[54] **AGENCEMENT ENDOSCOPIQUE**

[72] WANY, MARTIN, CH

[71] AWAIBA HOLDING S.A., CH

[85] 2015-03-12

[86] 2012-12-21 (PCT/CH2012/000280)

[87] (WO2013/091124)

[30] CH (2047/11) 2011-12-23

[21] **2,885,317**
[13] A1

[51] **Int.Cl. F02D 41/14 (2006.01) F01N 3/20 (2006.01) F02D 19/02 (2006.01) F02D 41/02 (2006.01) F02D 41/22 (2006.01)**

[25] EN

[54] **INTERNAL COMBUSTION ENGINE**

[54] **MOTEUR A COMBUSTION INTERNE**

[72] NAKAZONO, TORU, JP

[72] RAIHAN, KHANDOKER ABU, JP

[72] OKADA, HIROYUKI, JP

[71] YANMAR CO., LTD., JP

[85] 2015-03-18

[86] 2013-09-05 (PCT/JP2013/073910)

[87] (WO2014/045879)

[30] JP (2012-208628) 2012-09-21

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[13] A1

[51] **Int.Cl. G01S 17/87 (2006.01) G01S 17/89 (2006.01)**

[25] EN

[54] **INCREASING RESOLUTION OF IMAGES OBTAINED FROM A THREE-DIMENSIONAL MEASUREMENT SYSTEM**

[54] **AUGMENTATION DE LA RESOLUTION D'IMAGES PROVENANT D'UN SYSTEME DE MESURE EN TROIS DIMENSIONS**

[72] SEBASTIAN, RICHARD L., US

[72] ZHELEZNYAK, ANATOLEY T., US

[71] DIGITAL SIGNAL CORPORATION, US

[85] 2015-03-18

[86] 2013-08-24 (PCT/US2013/056537)

[87] (WO2014/039295)

[30] US (61/696,447) 2012-09-04

[30] US (13/841,620) 2013-03-15

[21] **2,885,319**
[13] A1

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[25] FR

[54] **KNITTED BRA HAVING VARIABLE ELASTICITY**

[54] **SOUTIEN-GORGE REALISE EN TRICOT A ELASTICITE VARIABLE**

[72] TURLAN, MANON, FR

[71] DBAPPAREL OPERATIONS, FR

[85] 2015-03-17

[86] 2013-11-13 (PCT/FR2013/052722)

[87] (WO2014/076413)

[30] FR (12/60761) 2012-11-13

[30] FR (12/60949) 2012-11-19

[21] **2,885,320**
[13] A1

[51] **Int.Cl. F04B 39/00 (2006.01) F04B 53/14 (2006.01)**

[25] EN

[54] **SEGMENTED FLUID END PARTIE HYDRAULIQUE SEGMENTEE**

[72] FOOTE, EARL, US

[71] GLOBAL ENERGY SERVICES, INC., US

[85] 2015-03-17

[86] 2013-10-16 (PCT/US2013/065182)

[87] (WO2014/062768)

[30] US (61/715,140) 2012-10-17

[21] **2,885,321**
[13] A1

[51] **Int.Cl. G03B 35/08 (2006.01) G03B 35/00 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR STEREOSCOPIC IMAGING OF ALUMINUM ELECTROLYSIS POT TENDING OPERATIONS**

[54] **SYSTEMES ET PROCEDES POUR IMAGERIE STEREOSCOPIQUE D'OPERATIONS DE SURVEILLANCE DE CUVE D'ELECTROLYSE DE L'ALUMINIUM**

[72] DUFOUR, GILLES, CA

[72] GAGNE, JEAN-PIERRE, CA

[72] FRENETTE, HAROLD, CA

[72] TRUDEL, RENE, CA

[71] ALCOA INC., US

[85] 2015-03-18

[86] 2013-09-27 (PCT/US2013/062273)

[87] (WO2014/055362)

[30] US (61/708,465) 2012-10-01

[30] US (13/785,864) 2013-03-05

[21] **2,885,322**
[13] A1

[51] **Int.Cl. A41C 3/14 (2006.01) A41C 3/10 (2006.01) A41C 5/00 (2006.01)**

[25] FR

[54] **BRA CUP**

[54] **BONNET DE SOUTIEN-GORGE**

[72] TURLAN, MANON, FR

[71] DBAPPAREL OPERATIONS, FR

[85] 2015-03-17

[86] 2013-11-13 (PCT/FR2013/052723)

[87] (WO2014/076414)

[30] FR (12/60944) 2012-11-19

[21] **2,885,323**
[13] A1

[51] **Int.Cl. G06F 21/50 (2013.01) G06F 21/53 (2013.01) G06F 11/30 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR MOBILE COMMUNICATIONS AND COMPUTING**

[54] **APPAREIL ET PROCEDE POUR COMMUNICATIONS MOBILES ET INFORMATIQUE**

[72] CORNELIUS, MICHAEL JOHN, AU

[72] COLLINS, STEVEN RICHARD, AU

[71] NETCOMM WIRELESS LIMITED, AU

[85] 2015-03-18

[86] 2013-08-22 (PCT/AU2013/000941)

[87] (WO2014/032081)

[30] US (13/596,826) 2012-08-28

[21] **2,885,324**
[13] A1

[51] **Int.Cl. H04B 17/00 (2015.01) H04B 7/185 (2006.01)**

[25] FR

[54] **CALIBRATION METHOD AND SYSTEM FOR ESTIMATING A PATH DIFFERENCE OF A TARGET SIGNAL TRANSMITTED BY A SPACECRAFT OR AIRCRAFT**

[54] **PROCEDE ET SYSTEME DE CALIBRATION POUR L'ESTIMATION D'UNE DIFFERENCE DE MARCHE D'UN SIGNAL CIBLE EMIS PAR UN ENGIN SPATIAL OU AERIEN**

[72] AYMES, JEAN-MARC, FR

[72] SANCHEZ, RAPHAEL, FR

[72] VOULOZAN, FREDERIC, FR

[71] AIRBUS DEFENCE AND SPACE SAS, FR

[85] 2015-03-18

[86] 2012-12-21 (PCT/EP2012/076683)

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[30] FR (1104013) 2011-12-22

[21] **2,885,325**
[13] A1

[51] **Int.Cl. H04B 7/204 (2006.01) H04W 52/02 (2009.01) G08B 1/08 (2006.01) G08C 17/02 (2006.01)**

[25] EN

[54] **MULTI-ACCESS COMMUNICATION SYSTEM**

[54] **SYSTEME DE COMMUNICATION A ACCES MULTIPLES**

[72] GRANT, ALEXANDER JAMES, AU

[72] HALEY, DAVID VICTOR LAWRIE, AU

[72] MCKILLIAM, ROBERT GEORGE, AU

[72] COWLEY, WILLIAM GEORGE, AU

[72] CHAN, HO LEUNG, AU

[71] UNIVERSITY OF SOUTH AUSTRALIA, AU

[85] 2015-03-18

[86] 2013-09-20 (PCT/AU2013/001079)

[87] (WO2014/043761)

[30] AU (2012904145) 2012-09-21

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[13] A1

[51] **Int.Cl. G09B 23/28 (2006.01)**
[25] EN
[54] **SURGICAL TRAINING MODEL FOR LAPAROSCOPIC PROCEDURES**
[54] **MAQUETTE DE FORMATION CHIRURGICALE POUR INTERVENTIONS LAPAROSCOPIQUES**
[72] POULSEN, NIKOLAI, US
[72] GARCES, AMY, US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
[85] 2015-03-18
[86] 2013-09-27 (PCT/US2013/062363)
[87] (WO2014/052868)
[30] US (61/707,658) 2012-09-28

[21] **2,885,327**
[13] A1

[51] **Int.Cl. A61L 27/36 (2006.01)**
[25] EN
[54] **PROCESSED ADIPOSE TISSUE**
[54] **TISSU ADIPEUX TRAITE**
[72] SUN, WENQUAN, US
[72] LIU, XIANGHONG, US
[71] LIFECCELL CORPORATION, US
[85] 2015-03-17
[86] 2013-09-25 (PCT/US2013/061563)
[87] (WO2014/052376)
[30] US (61/705,789) 2012-09-26

[21] **2,885,329**
[13] A1

[51] **Int.Cl. B01J 19/00 (2006.01) B01J 4/00 (2006.01) B01J 10/00 (2006.01) C07C 17/00 (2006.01) F28C 3/06 (2006.01)**
[25] EN
[54] **WEIR QUENCH AND PROCESSES INCORPORATING THE SAME**
[54] **BAC A DEVERSOIR ET PROCEDES INCORPORANT CELUI-CI**
[72] TIRTOWIDJOJO, MAX M., US
[72] BAL, HUA, US
[72] LUEBBE, THOMAS ULRICH, DE
[72] MCMURRAY, VICTOR E., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2015-03-18
[86] 2013-09-29 (PCT/US2013/062507)
[87] (WO2014/052945)
[30] US (61/707,994) 2012-09-30

[21] **2,885,332**
[13] A1

[51] **Int.Cl. F25D 17/06 (2006.01) F25D 13/02 (2006.01)**
[25] EN
[54] **FUNCTIONAL CONTINUOUS RAPID FREEZING APPARATUS**
[54] **DISPOSITIF POUR CONGELATION RAPIDE CONTINUE FONCTIONNELLE**
[72] HATA, TADAYO, JP
[72] MAEDA, SHINSUKE, JP
[72] MARUOKA, TOSHIYUKI, JP
[71] JAPAN SCIENCE & TECHNOLOGY TRADING CO., LIMITED, CN
[85] 2015-03-17
[86] 2012-09-26 (PCT/JP2012/074700)
[87] (WO2014/049717)

[21] **2,885,333**
[13] A1

[51] **Int.Cl. A61K 39/12 (2006.01) A61K 39/02 (2006.01)**
[25] EN
[54] **SUBUNIT IMMERSION VACCINES FOR FISH**
[54] **VACCINS SOUS-UNITAIRES PAR IMMERSION POUR LES POISSONS**
[72] CRUMP, ELIZABETH MARY, US
[72] BURIAN, JAN, US
[72] BRICKER, JOSEPH MICHAEL, US
[72] KAY, WILLIAM WAYNE, US
[72] JOHNSON, NORMAN WILLIAM, US
[71] FVG LIMITED, GB
[85] 2015-03-17
[86] 2013-09-25 (PCT/US2013/061566)
[87] (WO2014/052378)
[30] US (61/705,704) 2012-09-26

[21] **2,885,334**
[13] A1

[51] **Int.Cl. A61L 27/54 (2006.01) A61C 13/00 (2006.01) A61K 9/00 (2006.01) A61K 9/70 (2006.01) A61L 27/14 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL ARTICLES PRODUCED BY ADDITIVE MANUFACTURING**
[54] **ARTICLES ANTIMICROBIENS PRODUITS PAR FABRICATION ADDITIVE**
[72] PETRAK, MARTIN, CA
[72] RODGERS, LUKE, US
[71] ORTHOPAEDIC INNOVATION CENTER INC., CA
[85] 2015-03-18
[86] 2013-11-14 (PCT/CA2013/050871)
[87] (WO2014/075185)
[30] US (61/726,433) 2012-11-14
[30] US (61/895,130) 2013-10-24

[21] **2,885,337**
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[51] **Int.Cl. C07H 15/207 (2006.01) A23L 1/236 (2006.01) C13K 13/00 (2006.01)**
[25] EN
[54] **STEVIOSIDE BLENDS**
[54] **MELANGES DE STEVIOSIDE**
[72] CARLSON, TING LUI, US
[72] SCHMELZER, WADE N., US
[72] TYLER, CHRISTOPHER AUSTIN, US
[72] GUTHRIE, BRIAN D., US
[72] LINDGREN, TIMOTHY ANDREW, US
[72] MORTENSON, MICHAEL ALAN, US
[71] CARGILL, INCORPORATED, US
[85] 2015-03-17
[86] 2013-09-25 (PCT/US2013/061685)
[87] (WO2014/052457)
[30] US (61/705,471) 2012-09-25
[30] US (61/714,893) 2012-10-17

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[13] A1

[51] **Int.Cl. A41D 1/00 (2006.01) A61B 5/0402 (2006.01) A61B 5/053 (2006.01) G06F 1/16 (2006.01)**

[25] EN

[54] **METHOD FOR LIMITING ELASTICITY OF SELECTED REGIONS IN KNITTED FABRICS**

[54] **PROCEDE DE LIMITATION DE L'ELASTICITE DE ZONES SELECTIONNEES DANS DES TISSUS TRICOTES**

[72] SHOSHANI, BOAZ, IL
[72] AMIR, URI, IL
[71] HEALTHWATCH LTD., IL
[85] 2015-03-18
[86] 2014-02-07 (PCT/IL2014/050134)
[87] (WO2014/125476)
[30] US (61/763,963) 2013-02-13
[30] US (61/771,874) 2013-03-03

[21] **2,885,340**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) C07D 487/04 (2006.01) C07D 519/00 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **PYRROLOBENZODIAZEPINES AND CONJUGATES THEREOF**

[54] **PYRROLOBENZODIAZEPINES ET LEURS CONJUGUES**

[72] HOWARD, PHILIP WILSON, GB
[71] SPIROGEN SARL, CH
[85] 2015-03-18
[86] 2013-10-11 (PCT/EP2013/071236)
[87] (WO2014/057074)
[30] US (61/712,928) 2012-10-12

[21] **2,885,342**
[13] A1

[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01)**

[25] EN

[54] **CO2 RECOVERY UNIT**

[54] **DISPOSITIF DE RECUPERATION DE CO2**

[72] NAKAYAMA, KOJI, US
[72] YONEKAWA, TAKAHITO, US
[72] INUI, MASAYUKI, US
[72] TSUJIUCHI, TATSUYA, US
[72] MIYAMOTO, OSAMU, JP
[72] SORIMACHI, YOSHIKI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2015-03-18
[86] 2013-09-18 (PCT/JP2013/075197)
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[30] US (13/623,448) 2012-09-20

[21] **2,885,344**
[13] A1

[51] **Int.Cl. G01D 5/00 (2006.01) G01D 5/14 (2006.01) G01G 9/00 (2006.01) G01L 1/00 (2006.01) G01L 1/18 (2006.01)**

[25] EN

[54] **ELECTROCHEMICAL PRESSURE TRANSDUCER**

[54] **TRANSDUCTEUR DE PRESSION ELECTROCHIMIQUE**

[72] LABELLE, JEFFREY, US
[72] FELDMAN, AUSTIN, US
[72] SIUBA, MARY, US
[72] CARLTON, ROSS, US
[72] ANDRADE, JEFFREY, US
[71] ARIZONA BOARD OF REGENTS ACTING FOR AND ON BEHALF OF ARIZONA STATE UNIVERSITY, US
[85] 2015-03-17
[86] 2013-09-25 (PCT/US2013/061711)
[87] (WO2014/052470)
[30] US (61/705,494) 2012-09-25

[21] **2,885,345**
[13] A1

[51] **Int.Cl. H01M 8/04 (2006.01) H01M 8/02 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR BYPASSING FUEL CELLS**

[54] **SYSTEMES ET PROCEDES POUR CONTOURNER DES PILES A COMBUSTIBLE**

[72] FISHER, JOHN, US
[72] RUSSELL, IAN, US
[72] WALTH, GARY, US
[72] PERRY, MARTIN, US
[72] EDMONSTON, DAVID, US
[72] KALIKA, VLAD, US
[71] BLOOM ENERGY CORPORATION, US
[85] 2015-03-18
[86] 2013-09-17 (PCT/US2013/060145)
[87] (WO2014/047059)
[30] US (61/703,832) 2012-09-21

[21] **2,885,346**
[13] A1

[51] **Int.Cl. A61C 19/045 (2006.01)**

[25] EN

[54] **OCCLUSION DETERMINATION DEVICE**

[54] **MASQUE OPAQUE POUR OCCLUSION**

[72] BAASKE, THOMAS, CH
[72] FREI, CHRISTIAN, IT
[72] ZIMMERLING, FRANK, LI
[72] WATZKE, RONNY, AT
[71] IVOCLAR VIVADENT AG, LI
[85] 2015-03-18
[86] 2013-12-17 (PCT/EP2013/076895)
[87] (WO2014/095857)
[30] EP (12197441.4) 2012-12-17

[21] **2,885,349**
[13] A1

[51] **Int.Cl. G01N 21/35 (2014.01) G01N 33/24 (2006.01)**

[25] EN

[54] **MULTI-SENSOR ANALYSIS OF COMPLEX GEOLOGIC MATERIALS**

[54] **ANALYSE MULTICAPTEUR DE MATIERES GEOLOGIQUES COMPLEXES**

[72] SHILEY, DANIEL A., US
[72] CURTISS, BRIAN, US
[71] PANALYTICAL INC., US
[85] 2015-03-17
[86] 2013-09-26 (PCT/US2013/062044)
[87] (WO2014/052673)
[30] US (61/705,760) 2012-09-26

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[51] Int.Cl. H02K 35/02 (2006.01) [25] EN [54] POWER GENERATOR [54] GENERATEUR DE PUISSANCE [72] SUN, SANG-KYU, KR [71] SUN, SANG-KYU, KR [85] 2015-03-18 [86] 2012-12-31 (PCT/KR2012/011872) [87] (WO2014/046348) [30] KR (10-2012-0104828) 2012-09-20	[51] Int.Cl. A61B 17/04 (2006.01) [25] EN [54] PLICATION LOCK DELIVERY SYSTEM AND METHOD OF USE THEREOF [54] SYSTEME DE DISTRIBUTION DE VERROUS DE PLICATURE ET PROCEDE D'UTILISATION DE CELUI-CI [72] SUTHERLAND, MICHAEL, US [72] GOODWIN, JONATHAN, US [72] HOLMES, MEGAN, US [72] LEE, CHRISTOPHER, US [72] VIGNEAULT, ADAM, US [72] DEPIANO, JOHN, US [72] SELLERS, JAMES, US [71] MITRALIGN, INC., US [85] 2015-03-17 [86] 2013-09-27 (PCT/US2013/062282) [87] (WO2014/052818) [30] US (61/707,940) 2012-09-29	[51] Int.Cl. C12N 1/20 (2006.01) A01H 3/00 (2006.01) [25] EN [54] METHODS OF SCREENING FOR MICROORGANISMS THAT IMPART BENEFICIAL PROPERTIES TO PLANTS [54] PROCEDES DE CRIBLAGE DE MICRO-ORGANISMES CONFERANT DES PROPRIETES BENEFIQUES AUX PLANTES [72] WIGLEY, PETER JOHN, NZ [72] TURNER, SUSAN JANE, NZ [72] GEORGE, CAROLINE ELIZABETH, NZ [71] BIODISCOVERY NEW ZEALAND LIMITED, NZ [85] 2015-03-18 [86] 2013-09-19 (PCT/NZ2013/000171) [87] (WO2014/046553) [30] NZ (602532) 2012-09-19

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[13] A1

[51] **Int.Cl. C01B 3/02 (2006.01)**
[25] EN
[54] **HIGH-CAPACITY
MACROMOLECULAR POLYMER
HYDROGEN STORAGE
MATERIAL AND PREPARATION
METHOD THEREOF**

[54] **MATERIAU DE STOCKAGE
D'HYDROGENE POLYMERE
MACROMOLECULAIRE A
HAUTE CAPACITE ET SON
PROCEDE DE PREPARATION**

[72] FANG, ZHANGJIAN, CN
[72] CHEN, YILONG, CN
[72] ZHANG, YANFENG, CN
[72] ZHENG, XINGCAI, CN
[72] XUE, YONGJIE, CN
[72] TAO, LEIMING, CN
[71] WUHAN KAIDI ENGINEERING
TECHNOLOGY RESEARCH
INSTITUTE CO., LTD., CN

[85] 2015-03-18
[86] 2013-09-12 (PCT/CN2013/083371)
[87] (WO2014/044146)
[30] CN (201210347088.5) 2012-09-18

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[13] A1

[51] **Int.Cl. B05B 9/04 (2006.01)**
[25] EN
[54] **HOSE-END SPRAYER
PULVERISATEUR D'EXTREMITE
DE TUYAU**

[72] ARMINAK, ARMIN, US
[72] BAUGHMAN, GARY M., US
[71] ARMINAK & ASSOCIATES, LLC, US

[85] 2015-03-18
[86] 2013-09-12 (PCT/US2013/059442)
[87] (WO2014/046961)
[30] US (61/702,908) 2012-09-19
[30] US (61/713,775) 2012-10-15

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[13] A1

[51] **Int.Cl. G06F 15/16 (2006.01) G06F
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[25] EN
[54] **SYSTEM AND METHOD FOR
CREATING VIRTUAL DISK
IMAGES FOR USE WITH
REMOTE COMPUTER**

[54] **SYSTEME ET PROCEDE DE
CREATION D'IMAGES DE
DISQUE VIRTUEL POUR UNE
UTILISATION AVEC UN
ORDINATEUR A DISTANCE**

[72] SIEGMAN, CRAIG S., US
[72] AMIRTHASAMY, JOSEPH, US
[72] GRIFFIN, GEORGE N., US
[71] AVOCENT HUNTSVILLE CORP., US

[85] 2015-03-18
[86] 2013-10-02 (PCT/US2013/063056)
[87] (WO2014/055640)
[30] US (61/709,468) 2012-10-04

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[13] A1

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E05D 7/10 (2006.01)**
[25] EN
[54] **LID CONSTRUCTION FOR
BREATHING APPARATUS**

[54] **CONSTRUCTION DE
COUVERCLE POUR APPAREIL
RESPIRATOIRE**

[72] MILLER, JEREMY LIVINGSTON, NZ
[72] KAT, ARJEN DAVID, NZ
[71] FISHER & PAYKEL HEALTHCARE
LIMITED, NZ

[85] 2015-03-18
[86] 2013-09-23 (PCT/NZ2013/000175)
[87] (WO2014/051436)
[30] US (61/705,340) 2012-09-25

[21] **2,885,363**
[13] A1

[51] **Int.Cl. H02G 1/12 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR
PROCESSING AN END OF A
CABLE**

[54] **DISPOSITIF ET PROCEDE DE
FACONNAGE D'UNE EXTREMITE
DE CABLE**

[72] BALDAUF, WALTER, DE
[71] ROSENBERGER
HOCHFREQUENZTECHNIK GMBH
& CO. KG, DE

[85] 2015-03-18
[86] 2013-10-14 (PCT/EP2013/003087)
[87] (WO2014/063794)
[30] DE (10 2012 020 798.0) 2012-10-23

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[13] A1

[51] **Int.Cl. C09K 3/18 (2006.01)**
[25] EN
[54] **DEICER COMPOSITIONS AND
PROCESSES FOR MAKING
DEICERS**

[54] **COMPOSITIONS DE DEGIVREUR
ET PROCEDES DE FABRICATION
DE DEGIVREURS**

[72] PYLKKANEN, VESA, US
[71] API INTELLECTUAL PROPERTY
HOLDINGS, LLC, US

[85] 2015-03-18
[86] 2012-09-19 (PCT/US2012/056007)
[87] (WO2013/043656)
[30] US (61/536,477) 2011-09-19
[30] US (13/621,903) 2012-09-18

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[25] EN
[54] **CONTACT ELEMENT FOR TRANSMITTING HIGH-FREQUENCY SIGNALS BETWEEN TWO CIRCUIT BOARDS**
[54] **ELEMENT DE CONTACT DESTINE A TRANSFERER DES SIGNAUX HAUTE FREQUENCE ENTRE DEUX CARTES DE CIRCUIT IMPRIME**
[72] WOLLITZER, MICHAEL, DE
[72] MAIER, CHRISTIAN, DE
[72] GRAMSAMER, JOSEF, DE
[72] MUHLBACHER, SYLVESTER, DE
[72] AICHER, BERNHARD, DE
[72] DANDL, CHRISTIAN, DE
[71] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
[85] 2015-03-18
[86] 2013-10-28 (PCT/EP2013/003240)
[87] (WO2014/067645)
[30] DE (20 2012 010 365.2) 2012-10-29

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[13] A1

[51] **Int.Cl. G06T 7/00 (2006.01) G06T 7/60 (2006.01) B08B 15/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR DETECTING A POSITION OF A FUME HOOD SASH**
[54] **SYSTEME POUR DETECTER UNE POSITION D'UNE FENETRE A GUILLOTINE DE HOTTE**
[72] CHARLES, DONALD E., US
[71] SIEMENS INDUSTRY, INC., US
[85] 2015-03-18
[86] 2013-09-18 (PCT/US2013/060276)
[87] (WO2014/047100)
[30] US (13/623,753) 2012-09-20

[21] **2,885,369**
[13] A1

[51] **Int.Cl. C07H 19/067 (2006.01) A61K 31/7072 (2006.01) A61P 25/04 (2006.01) A61P 25/28 (2006.01) A61P 27/06 (2006.01) A61P 29/00 (2006.01) A61P 37/00 (2006.01) C07D 405/04 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01) C07F 9/09 (2006.01) C07F 9/22 (2006.01) C07F 9/6571 (2006.01) C07F 9/6574 (2006.01)**
[25] EN
[54] **URIDINE DIPHOSPHATE DERIVATIVES, PRODRUGS, COMPOSITIONS AND USES THEREOF**
[54] **DERIVES D'URIDINE DIPHOSPHATE, PROMEDICAMENTS, COMPOSITIONS ET UTILISATIONS DE CEUX-CI**
[72] HAYDON, PHILIP G., US
[72] LEE, JINBO, US
[71] TUFTS UNIVERSITY, US
[85] 2015-03-17
[86] 2013-09-27 (PCT/US2013/062413)
[87] (WO2014/052896)
[30] US (61/707,568) 2012-09-28
[30] US (61/780,171) 2013-03-13

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[13] A1

[51] **Int.Cl. B23Q 1/00 (2006.01) B23Q 3/10 (2006.01)**
[25] EN
[54] **INTERFACE STRUCTURE**
[54] **STRUCTURE D'INTERFACE**
[72] CANUTO, ALMERINO, IT
[71] CANUTO, ALMERINO, IT
[85] 2015-03-18
[86] 2013-06-03 (PCT/EP2013/061355)
[87] (WO2014/060122)
[30] IT (TV2012U000044) 2012-10-15

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[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS AND PROCESSES FOR NON-INVASIVE ASSESSMENT OF GENETIC VARIATIONS**
[54] **PROCEDES ET PROCESSUS D'ESTIMATION NON INVASIVE DE VARIATIONS GENETIQUES**
[72] MAZLOOM, AMIN, US
[72] DZAKULA, ZELIJKO, US
[72] DECIU, COSMIN, US
[71] SEQUENOM, INC., US
[85] 2015-03-18
[86] 2013-10-03 (PCT/US2013/063287)
[87] (WO2014/055774)
[30] US (61/709,901) 2012-10-04
[30] US (13/781,530) 2013-02-28

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[13] A1

[51] **Int.Cl. G05D 23/30 (2006.01) F24F 11/02 (2006.01) G05D 23/24 (2006.01)**
[25] EN
[54] **AUTOMATED PRESENCE DETECTION AND PRESENCE-RELATED CONTROL WITHIN AN INTELLIGENT CONTROLLER**
[54] **DETECTION DE PRESENCE AUTOMATISEE ET COMMANDE ASSOCIEE A LA PRESENCE DANS UN SYSTEME DE COMMANDE INTELLIGENT**
[72] MATSUOKA, YOKY, US
[72] FISHER, EVAN J., US
[72] MALHOTRA, MARK, US
[72] STEFANSKI, MARK D., US
[72] SHARAN, RANGOLI, US
[72] ASTIER, FRANK E., US
[71] GOOGLE INC., US
[85] 2015-03-18
[86] 2012-09-30 (PCT/US2012/058196)
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[25] EN

[54] **MULTI-ORGAN-CHIP WITH IMPROVED LIFE TIME AND HOMOEOSTASIS**

[54] **PUCE MULTI-ORGANE AVEC DUREE DE VIE ET HOMEOSTASIE AMELIOREES**

[72] MARX, UWE, DE
[71] TISSUSE GMBH, DE
[85] 2015-03-18
[86] 2013-08-15 (PCT/EP2013/067073)
[87] (WO2014/048637)
[30] EP (12186550.5) 2012-09-28
[30] US (61/706,928) 2012-09-28

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[51] **Int.Cl. C07K 14/47 (2006.01) C12N 9/64 (2006.01)**

[25] EN

[54] **SERINE PROTEASE MOLECULES AND THERAPIES**

[54] **MOLECULES DE PROTEASE A SERINE ET THERAPIES**

[72] ROSENBLUM, MICHAEL G., US
[72] MOHAMEDALI, KHALID AMANALI, US
[72] CHEUNG, LAWRENCE H., US
[71] RESEARCH DEVELOPMENT FOUNDATION, US
[85] 2015-03-18
[86] 2013-10-04 (PCT/US2013/063402)
[87] (WO2014/055836)
[30] US (61/709,763) 2012-10-04
[30] US (61/762,173) 2013-02-07
[30] US (61/762,216) 2013-02-07

[21] **2,885,378**
[13] A1

[51] **Int.Cl. G06Q 20/10 (2012.01) G06Q 20/40 (2012.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR FUNDS TRANSFER PROCESSING**

[54] **SYSTEME ET PROCEDE DE TRAITEMENT DE TRANSFERT DE FONDS**

[72] KAPUR, SHASHI, US
[72] BIANCO, RALPH A., US
[71] ADAPTIVE PAYMENTS, INC., US
[85] 2015-03-18
[86] 2013-07-23 (PCT/US2013/051692)
[87] (WO2014/018537)
[30] US (13/556,704) 2012-07-24

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[13] A1

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[25] EN

[54] **A FOLDABLE STROLLER**

[54] **POUSSETTE PLIANTE**

[72] FJELLAND, ALF VEGARD, NO
[72] TANGEN, JOSEF EFRAIM, NO
[71] STOKKE AS, NO
[85] 2015-03-18
[86] 2013-09-19 (PCT/EP2013/069431)
[87] (WO2014/044737)
[30] NO (20121066) 2012-09-19

[21] **2,885,381**
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[51] **Int.Cl. B01J 13/04 (2006.01) A01N 25/28 (2006.01) A23L 1/22 (2006.01) A61K 9/50 (2006.01) B01J 13/22 (2006.01) C09B 67/02 (2006.01) C11D 3/50 (2006.01) F28D 20/02 (2006.01)**

[25] EN

[54] **SPRAY DRYING MICROCAPSULES**

[54] **MICROCAPSULES A SECHAGE PAR PULVERISATION**

[72] DIHORA, JITEN ODHAVJI, US
[72] CETTI, JONATHAN ROBERT, US
[72] WITT, STEVEN EDWARD, US
[72] LI, JIANJUN JUSTIN, US
[71] APPVION, INC., US
[85] 2015-03-18
[86] 2013-09-20 (PCT/US2013/060999)
[87] (WO2014/047486)
[30] US (61/703,616) 2012-09-20

[21] **2,885,382**
[13] A1

[51] **Int.Cl. C07D 413/04 (2006.01) A61K 31/444 (2006.01) A61P 25/18 (2006.01)**

[25] EN

[54] **ARYLETHYNYL DERIVATIVES**

[54] **DERIVES D'ARYLETHYNYLE**

[72] JAESCHKE, GEORG, CH
[72] LINDEMANN, LOTHAR, CH
[72] STADLER, HEINZ, CH
[72] VIEIRA, ERIC, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-03-18
[86] 2013-09-23 (PCT/EP2013/069674)
[87] (WO2014/056710)
[30] EP (12186265.0) 2012-09-27

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[13] A1

[51] **Int.Cl. G06Q 40/00 (2012.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR PROVIDING DISPUTE RESOLUTION FOR ELECTRONIC PAYMENT TRANSACTIONS**

[54] **SYSTEME ET DISPOSITIF PERMETTANT LA RESOLUTION DES CONFLITS POUR DES TRANSACTIONS DE PAIEMENT ELECTRONIQUE**

[72] KATZ, MATTHEW G., US
[72] SAWITKE, JEFFREY, US
[71] VERIFI, INC., US
[85] 2015-03-18
[86] 2013-09-23 (PCT/US2013/061228)
[87] (WO2014/047585)
[30] US (13/624,834) 2012-09-21

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[51] **Int.Cl. D06P 5/00 (2006.01) B32B 27/30 (2006.01) G03G 9/08 (2006.01) G03G 9/087 (2006.01) G03G 9/09 (2006.01)**

[25] EN

[54] **SUBLIMATION TRANSFER DYEING METHOD AND METHOD FOR SUPPRESSING NON-IMAGE AREA STAINING**

[54] **PROCEDE DE TEINTURE PAR TRANSFERT PAR SUBLIMATION, ET PROCEDE INHIBANT LA SALISSURE DE FOND BLANC**

[72] TERANISHI, MAKOTO, JP
[72] SUZUKI, YUJI, JP
[72] KITAYAMA, HIROKAZU, JP
[72] TAKAI, YOSHIHIRO, JP
[72] TAKAI, KOUSUKE, JP
[71] ETOWAS CO., LTD., JP
[71] NIPPON KAYAKU KABUSHIKI KAISHA, JP

[85] 2015-03-18
[86] 2013-11-06 (PCT/JP2013/079969)
[87] (WO2014/073549)
[30] JP (2012-246309) 2012-11-08

[21] **2,885,388**
[13] A1

[51] **Int.Cl. A23L 1/30 (2006.01) A23L 1/29 (2006.01) A23L 1/304 (2006.01) A23L 2/66 (2006.01) A61K 31/353 (2006.01) A61K 33/30 (2006.01) A61P 21/06 (2006.01)**

[25] EN

[54] **METHODS FOR ENHANCING THE EFFECT OF EGCG ON MITIGATING SKELETAL MUSCLE LOSS**

[54] **METHODES D'AMELIORATION DE L'EFFET DE L'EGCG SUR L'ATTENUATION DE LA PERTE MUSCULAIRE SQUELETTIQUE**

[72] PEREIRA, SUZETTE, US
[72] GARVEY, SEAN, US
[72] EDENS, NEILE, US
[71] ABBOTT LABORATORIES, US

[85] 2015-03-18
[86] 2013-10-04 (PCT/US2013/063519)
[87] (WO2014/055905)
[30] US (61/709,682) 2012-10-04

[21] **2,885,389**
[13] A1

[51] **Int.Cl. A61B 5/08 (2006.01)**

[25] EN

[54] **MOUTHPIECE FOR ACCURATE DETECTION OF EXHALED NO**

[54] **PIECE BUCCALE POUR LA DETECTION PRECISE DU NO EXHALE**

[72] FORZANI, ERICA, US
[72] TAO, NONGJIAN, US
[72] XIAN, XIAOJUN, US
[72] TSOW, FRANCIS, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY, US

[85] 2015-03-18
[86] 2013-09-27 (PCT/US2013/062151)
[87] (WO2014/052741)
[30] US (61/707,070) 2012-09-28

[21] **2,885,392**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01)**

[25] EN

[54] **NOVEL BI-RING PHENYL-PYRIDINES/PYRAZINES FOR THE TREATMENT OF CANCER**

[54] **NOUVELLES PHENYLPYRIDINES/PYRAZINES A DEUX CYCLES POUR LE TRAITEMENT DU CANCER**

[72] CHENG, ZHANLING, CN
[72] HAN, XINGCHUN, CN
[72] JIANG, MIN, CN
[72] WANG, JIANHUA, CN
[72] WANG, MIN, CN
[72] YANG, SONG, CN
[72] ZHOU, CHENGANG, CN
[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2015-03-19
[86] 2013-12-06 (PCT/EP2013/075751)
[87] (WO2014/090692)
[30] CN (PCT/CN2012/086275) 2012-12-10

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[13] A1

[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/4196 (2006.01) A61P 7/06 (2006.01)**

[25] EN

[54] **FIXED DOSE PHARMACEUTICAL COMPOSITION COMPRISING DEFERASIROX AND DEFERIPONE**

[54] **COMPOSITION PHARMACEUTIQUE A DOSE FIXE A BASE DE DEFERASIROX ET DE DEFERIPONE**

[72] PURANDARE, SHRINIVAS MADHUKAR, IN
[72] MALHOTRA, GEENA, IN
[71] CIPLA LIMITED, IN

[85] 2015-03-18
[86] 2013-11-12 (PCT/GB2013/000481)
[87] (WO2014/072673)
[30] IN (3290/MUM/2012) 2012-11-12

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[13] A1

[51] **Int.Cl. B01J 19/08 (2006.01)**

[25] EN

[54] **PROCESSING BIOMASS**

[54] **TRAITEMENT DE BIOMASSE**

[72] MEDOFF, MARSHALL, US
[72] MASTERMAN, THOMAS CRAIG, US
[72] PARADIS, ROBERT, US
[71] XYLECO, INC., US

[85] 2015-03-18
[86] 2013-10-10 (PCT/US2013/064289)
[87] (WO2014/059113)
[30] US (61/711,801) 2012-10-10
[30] US (61/711,807) 2012-10-10
[30] US (61/774,775) 2013-03-08
[30] US (61/774,750) 2013-03-08
[30] US (61/774,780) 2013-03-08
[30] US (61/774,744) 2013-03-08
[30] US (61/774,740) 2013-03-08
[30] US (61/774,754) 2013-03-08
[30] US (61/774,746) 2013-03-08
[30] US (61/774,735) 2013-03-08
[30] US (61/774,684) 2013-03-08
[30] US (61/774,752) 2013-03-08
[30] US (61/774,731) 2013-03-08
[30] US (61/774,761) 2013-03-08
[30] US (61/774,723) 2013-03-08
[30] US (61/774,773) 2013-03-08
[30] US (61/793,336) 2013-03-15

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[21] **2,885,398**
[13] A1

[51] **Int.Cl. G21K 5/10 (2006.01) B65G 17/30 (2006.01) B65G 27/00 (2006.01) D21C 1/00 (2006.01) C12P 7/10 (2006.01) C12P 19/00 (2006.01)**

[25] EN
[54] **PROCESSING MATERIALS**
[54] **TRAITEMENT DE MATERIAUX**
[72] MEDOFF, MARSHALL, US
[72] MASTERMAN, THOMAS CRAIG, US
[72] PARADIS, ROBERT, US
[71] XYLECO, INC., US
[85] 2015-03-18
[86] 2013-10-10 (PCT/US2013/064320)
[87] (WO2014/059133)
[30] US (61/711,801) 2012-10-10
[30] US (61/711,807) 2012-10-10
[30] US (61/774,761) 2013-03-08
[30] US (61/774,773) 2013-03-08
[30] US (61/774,746) 2013-03-08
[30] US (61/774,775) 2013-03-08
[30] US (61/774,750) 2013-03-08
[30] US (61/774,735) 2013-03-08
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[30] US (61/774,754) 2013-03-08
[30] US (61/774,752) 2013-03-08
[30] US (61/774,684) 2013-03-08
[30] US (61/774,780) 2013-03-08
[30] US (61/774,744) 2013-03-08
[30] US (61/774,735) 2013-03-08
[30] US (61/774,740) 2013-03-08
[30] US (61/793,336) 2013-03-15

[21] **2,885,401**
[13] A1

[51] **Int.Cl. B01J 19/08 (2006.01) C12P 19/00 (2006.01) G21K 5/10 (2006.01)**

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[54] **TREATING BIOMASS**
[54] **TRAITEMENT DE BIOMASSE**
[72] PETERS, ANTHONY, US
[72] MEDOFF, MARSHALL, US
[72] MASTERMAN, THOMAS CRAIG, US
[72] PARADIS, ROBERT, US
[72] IP, KENNY KIN-CHUI, US
[71] XYLECO, INC., US
[85] 2015-03-18
[86] 2013-10-10 (PCT/US2013/064332)
[87] (WO2014/059140)
[30] US (61/711,801) 2012-10-10
[30] US (61/711,807) 2012-10-10

[21] **2,885,402**
[13] A1

[51] **Int.Cl. A47C 27/15 (2006.01) A47C 31/12 (2006.01)**

[25] EN
[54] **BODY SUPPORT CUSHION HAVING MULTIPLE LAYERS OF PHASE CHANGE MATERIAL**
[54] **COUSSIN SOUTENANT LE CORPS COMPORTANT PLUSIEURS COUCHES DE MATIERE A CHANGEMENT DE PHASE**
[72] MIKKELSEN, TOM, US
[72] ARENDOSKI, CHRISTOPHER ANTHONY, US
[72] SWITZER, STEPHEN WATSON, US
[72] CHANDLER, KELLY WOOD, US
[72] ALZOUBI, MOHAMED F., US
[71] TEMPUR-PEDIC MANAGEMENT, LLC, US
[85] 2015-01-27
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[21] **2,885,405**
[13] A1

[51] **Int.Cl. F04D 25/08 (2006.01)**

[25] EN
[54] **LAMINAR FLOW RADIAL CEILING FAN**
[54] **VENTILATEUR DE PLAFOND RADIAL A FLUX LAMINAIRE**
[72] HALSALL, RICHARD, US
[72] HINER, NICHOLAS, US
[71] EXHALE FANS LLC, US
[85] 2015-03-18
[86] 2013-10-26 (PCT/US2013/066987)
[87] (WO2014/070628)
[30] US (13/662,910) 2012-10-29

[21] **2,885,406**
[13] A1

[51] **Int.Cl. B21D 22/26 (2006.01) B21D 5/01 (2006.01) B21D 22/20 (2006.01) B21D 24/04 (2006.01) B21D 53/88 (2006.01) B62D 25/04 (2006.01)**

[25] EN
[54] **PRODUCTION METHOD FOR CENTRE-PILLAR REINFORCEMENT**
[54] **PROCEDE DE PRODUCTION POUR RENFORCEMENT DE PILIER CENTRAL**
[72] MIYAGI, TAKASHI, JP
[72] TANAKA, YASU HARU, JP
[72] OGAWA, MISAO, JP
[72] ASO, TOSHIMITSU, JP
[72] MISAWA, KEI, JP
[72] YOSHIDA, HIROSHI, JP
[72] HONDA, KAZUHIKO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-03-19
[86] 2013-09-26 (PCT/JP2013/076076)
[87] (WO2014/050973)
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[21] **2,885,407**
[13] A1

[51] **Int.Cl. A01K 5/02 (2006.01) A01K 1/10 (2006.01)**

[25] FR
[54] **PUSHER DEVICE FOR PUSHING FEED ALONG THE GROUND AND VEHICLE EQUIPPED WITH SUCH A PUSHER DEVICE**
[54] **DISPOSITIF POUSSEUR POUR POUSSER DES ALIMENTS SUR LE SOL ET VEHICULE EQUIPE D'UN TEL DISPOSITIF POUSSEUR**
[72] JEANTIL, PHILIPPE, FR
[71] JEANTIL, FR
[85] 2015-03-18
[86] 2013-09-16 (PCT/EP2013/069106)
[87] (WO2014/044629)
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[21] **2,885,408**
[13] A1

[51] **Int.Cl. H04N 19/513 (2014.01) H04N 19/124 (2014.01) H04N 19/30 (2014.01) H04N 19/597 (2014.01)**

[25] EN

[54] **IMAGE PROCESSING DEVICE AND METHOD**

[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D'IMAGE**

[72] NAKAGAMI, OHJI, JP

[72] TAKAHASHI, YOSHITOMO, JP

[71] SONY CORPORATION, JP

[85] 2015-03-19

[86] 2013-09-19 (PCT/JP2013/075294)

[87] (WO2014/050695)

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[30] JP (2013-134839) 2013-06-27

[21] **2,885,409**
[13] A1

[51] **Int.Cl. A61B 17/04 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR APPROXIMATING TISSUE**

[54] **PROCEDE ET DISPOSITIF POUR RAPPROCHER DES TISSUS**

[72] FLINT, JAMES A., US

[71] ETHICON, INC., US

[85] 2015-03-19

[86] 2013-09-18 (PCT/US2013/060308)

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[21] **2,885,410**
[13] A1

[51] **Int.Cl. B60W 30/14 (2006.01) B60W 50/14 (2012.01) B60K 31/00 (2006.01)**

[25] EN

[54] **AN INSPECTION INTERFACE UNIT**

[54] **UNITE D'INTERFACE D'INSPECTION**

[72] GRAY, GEORGE MALCOLM, GB

[71] AUTOKONTROL LIMITED, GB

[85] 2015-03-18

[86] 2013-09-17 (PCT/GB2013/052418)

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[30] GB (1216739.1) 2012-09-19

[21] **2,885,411**
[13] A1

[51] **Int.Cl. G06Q 40/02 (2012.01) G06Q 20/10 (2012.01)**

[25] EN

[54] **REAL-TIME LOAN PROCESSING AND LOAN FUND**

[54] **TRAITEMENT D'EMPRUNT EN TEMPS REEL ET FONDS D'EMPRUNT**

[72] KAPUR, SHASHI, US

[72] BIANCO, RALPH A., US

[71] ADAPTIVE PAYMENTS, INC., US

[85] 2015-03-18

[86] 2013-07-23 (PCT/US2013/051664)

[87] (WO2014/018522)

[30] US (13/556,669) 2012-07-24

[21] **2,885,412**
[13] A1

[51] **Int.Cl. A61M 5/145 (2006.01) A61M 5/168 (2006.01) A61M 5/20 (2006.01) A61M 5/315 (2006.01)**

[25] EN

[54] **ARTICULATING POWER SUPPLY FOR MEDICAL INFUSION DEVICE**

[54] **ARTICULATION DE FOURNITURE D'ENERGIE POUR DISPOSITIF DE PERFUSION MEDICALE**

[72] CLEMENTE, MATTHEW, US

[71] ANIMAS CORPORATION, US

[85] 2015-03-19

[86] 2013-09-19 (PCT/US2013/060580)

[87] (WO2014/052153)

[30] US (61/705,303) 2012-09-25

[21] **2,885,413**
[13] A1

[51] **Int.Cl. H04W 40/04 (2009.01) H04B 7/204 (2006.01)**

[25] EN

[54] **COMMUNICATION SYSTEM AND METHOD**

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

[72] HALEY, DAVID VICTOR LAWRIE, AU

[72] BUETEFUER, JOHN LAWRENCE, AU

[72] GRANT, ALEXANDER JAMES, AU

[72] COWLEY, WILLIAM GEORGE, AU

[72] LECHNER, GOTTFRIED, AU

[72] LAND, INGMAR RUDIGER, AU

[72] MCKILLIAM, ROBERT GEORGE, AU

[72] POLLOK, ANDRE, AU

[72] DAVIS, LINDA MARY, AU

[72] LUPPINO, RICKY ROCCO, AU

[72] BARBULESCU, SORIN ADRIAN, AU

[71] UNIVERSITY OF SOUTH AUSTRALIA, AU

[85] 2015-03-19

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[13] A1

[51] **Int.Cl. A61K 35/28 (2015.01) A61P 27/02 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS FOR TREATMENT OF RETINAL DEGENERATION**

[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DE LA DEGENERESCENCE RETINIENNE**

[72] CASE, CASEY C., US

[72] KAWANISHI, TORU, US

[72] NORIYUKI, KUNO, US

[71] SANBIO, INC., US

[85] 2015-03-18

[86] 2013-03-13 (PCT/US2013/030983)

[87] (WO2014/058464)

[30] US (61/711,665) 2012-10-09

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[21] **2,885,415**
[13] A1

[51] **Int.Cl. A61K 31/00 (2006.01) A61K 31/4166 (2006.01) A61K 31/4439 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **ANTI-ANDROGENS FOR THE TREATMENT OF NON-METASTATIC CASTRATE-RESISTANT PROSTATE CANCER**

[54] **ANTI-ANDROGENES POUR LE TRAITEMENT DU CANCER DE LA PROSTATE NON METASTATIQUE, RESISTANT A LA CASTRATION**

[72] CHEN, ISAN, US

[71] ARAGON PHARMACEUTICALS, INC., US

[85] 2015-03-19

[86] 2013-09-23 (PCT/US2013/061197)

[87] (WO2014/052237)

[30] US (61/705,900) 2012-09-26

[21] **2,885,416**
[13] A1

[51] **Int.Cl. A61K 31/43 (2006.01) A61K 31/196 (2006.01) A61K 31/198 (2006.01) A61P 3/08 (2006.01) A61P 3/10 (2006.01) C07D 307/68 (2006.01) C12Q 1/02 (2006.01) C12Q 1/68 (2006.01) G01N 30/72 (2006.01) G01N 33/48 (2006.01) G01N 33/483 (2006.01) G01N 33/53 (2006.01) G01N 33/543 (2006.01)**

[25] EN

[54] **CMPF AS A BIOMARKER FOR DIABETES AND ASSOCIATED METHODS**

[54] **ACIDE CMPF UTILISE COMME BIOMARQUEUR POUR LE DIABETE ET PROCEDES ASSOCIES**

[72] WHEELER, MICHAEL, CA

[72] PRENTICE, KACEY, CA

[72] DAI, FEIHAN, CA

[72] RETNAKARAN, RAVI, CA

[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA

[85] 2015-03-19

[86] 2013-09-20 (PCT/CA2013/000798)

[87] (WO2014/043793)

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[30] US (61/787,718) 2013-03-15

[21] **2,885,417**
[13] A1

[51] **Int.Cl. C07D 241/04 (2006.01) A61K 31/495 (2006.01) A61K 31/5375 (2006.01) C07D 265/30 (2006.01)**

[25] EN

[54] **SUBSTITUTED PHENYL CARBAMATE COMPOUNDS**

[54] **COMPOSES SUBSTITUES DU PHENYL CARBAMATE**

[72] BROTHERTON-PLEISS, CHRISTINE E., US

[72] CHEN, ZHI, US

[72] ERICKSON, SHAWN DAVID, US

[72] KIM, KYUNGJIN, US

[72] LI, HONGJU, US

[72] QIAN, YIMIN, US

[72] SO, SUNG-SAU, US

[72] WOVKULICH, PETER MICHAEL, US

[72] YI, LIN, US

[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2015-03-19

[86] 2013-10-09 (PCT/EP2013/070999)

[87] (WO2014/056958)

[30] US (61/712,836) 2012-10-12

[21] **2,885,418**
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4965 (2006.01) A61K 31/497 (2006.01) A61P 9/00 (2006.01) A61P 27/00 (2006.01) A61P 29/00 (2006.01) C07D 403/04 (2006.01) C07D 403/06 (2006.01) C07D 403/14 (2006.01) C07D 413/06 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01)**

[25] EN

[54] **NOVEL PYRAZINE DERIVATIVES AS CB2 RECEPTOR AGONISTS**

[54] **NOUVEAUX DERIVES DE PYRAZINE COMME AGONISTES DES RECEPTEURS CB2**

[72] DHURWASULU, BALEDI, IN

[72] GRETHER, UWE, DE

[72] NETTEKOVEN, MATTHIAS, DE

[72] ROEVER, STEPHAN, DE

[72] ROGERS-EVANS, MARK, CH

[72] SCHULZ-GASCH, TANJA, CH

[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2015-03-19

[86] 2013-12-04 (PCT/EP2013/075444)

[87] (WO2014/086807)

[30] EP (12196024.9) 2012-12-07

[21] **2,885,419**
[13] A1

[51] **Int.Cl. C12N 5/071 (2010.01) A61K 35/12 (2015.01) C12N 11/00 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR TREATING AND PREVENTING TISSUE INJURY AND DISEASE**

[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT ET DE PREVENTION D'UNE LESION ET D'UNE MALADIE D'UN TISSU**

[72] PETERSON, DALE R., US

[72] MATTERN, RALPH-HEIKO, US

[72] WILSON-WIRTH, COREY, US

[72] OHASHI, KEVIN L., US

[71] MICROVASCULAR TISSUES, INC., US

[85] 2015-03-18

[86] 2013-09-17 (PCT/US2013/060181)

[87] (WO2014/047067)

[30] US (61/703,203) 2012-09-19

[21] **2,885,420**
[13] A1

[51] **Int.Cl. A42B 3/00 (2006.01)**

[25] EN

[54] **PROTECTIVE HEADWEAR ASSEMBLY HAVING A BUILT-IN CAMERA**

[54] **ENSEMBLE COIFFURE DE PROTECTION QUI COMPORTE UNE CAMERA INTEGREE**

[72] RATNER, COREY, US

[72] RATNER, RYAN, US

[72] HAYES, CONAN, US

[71] C-PREME LIMITED LLC, US

[85] 2015-03-18

[86] 2013-09-18 (PCT/US2013/060359)

[87] (WO2014/047146)

[30] US (61/702,739) 2012-09-18

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[21] **2,885,421**
[13] A1

[51] **Int.Cl. G06Q 30/06 (2012.01)**
[25] EN
[54] **APPARATUS, METHOD AND SYSTEM FOR VARIABLE COMMISSION STRUCTURE AFFILIATE SALES NEGOTIATION AND TRACKING**

[54] **APPAREIL, PROCÉDE ET SYSTÈME POUR UNE NÉGOCIATION ET UN SUIVI DE VENTE D’AFFILIÉ À UNE STRUCTURE DE COMMISSION VARIABLE**

[72] ROMNEY, MILES, US
[72] WATERWORTH, LEE, US
[71] ROMNEY, MILES, US
[71] WATERWORTH, LEE, US
[85] 2015-03-18
[86] 2013-09-18 (PCT/US2013/060467)
[87] (WO2014/047215)
[30] US (61/702,632) 2012-09-18

[21] **2,885,422**
[13] A1

[51] **Int.Cl. C07K 16/24 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS FOR IDENTIFYING ANTIBODIES WITH REDUCED IMMUNOGENICITY**

[54] **PROCEDES D’IDENTIFICATION D’ANTICORPS AYANT UNE IMMUNOGENICITE REDUITE**

[72] HARDING, FIONA A., US
[72] RAZO, OLIVIA JENNIFER, US
[71] ABBVIE BIOTHERAPEUTICS INC., US
[85] 2015-03-18
[86] 2013-09-18 (PCT/US2013/060480)
[87] (WO2014/047222)
[30] US (61/703,170) 2012-09-19

[21] **2,885,423**
[13] A1

[51] **Int.Cl. C09K 3/00 (2006.01)**
[25] EN
[54] **IMPROVED STABILITY OF POLYURETHANE POLYOL BLENDS CONTAINING HALOGENATED OLEFIN BLOWING AGENT**

[54] **STABILITE AMELIOREE DE MELANGES DE POLYOLS ET DE POLYURETHANE CONTENANT UN AGENT DE SOUFFLAGE D’OLEFINE HALOGENEE**

[72] CHEN, BENJAMIN BIN, US
[72] COSTA, JOSEPH S., US
[72] ABBAS, LAURENT, US
[72] ELSHEIKH, MAHER Y., US
[72] SESHADRI, SRI R., US
[72] SMITH, GARY S., US
[71] ARKEMA INC., US
[85] 2015-03-18
[86] 2013-09-19 (PCT/US2013/060510)
[87] (WO2014/047230)
[30] US (61/704,626) 2012-09-24

[21] **2,885,424**
[13] A1

[51] **Int.Cl. F21V 7/04 (2006.01) F21V 17/00 (2006.01)**
[25] EN
[54] **DEVICE FOR SCATTERING LIGHT**

[54] **DISPOSITIF DE DIFFUSION DE LUMIERE**

[72] CALDWELL, DAVID, US
[72] TEIT, JUSTIN, US
[71] VENNTIS TECHNOLOGIES LLC, US
[85] 2015-03-18
[86] 2013-09-19 (PCT/US2013/060588)
[87] (WO2014/047266)
[30] US (61/702,792) 2012-09-19
[30] US (61/702,794) 2012-09-19

[21] **2,885,425**
[13] A1

[51] **Int.Cl. C08B 30/02 (2006.01) C08H 99/00 (2010.01) B02B 1/00 (2006.01) B02B 3/00 (2006.01) B02B 5/00 (2006.01) C08B 37/00 (2006.01) C08L 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR MAKING PENTOSE AND PENTOSE-BASED SOLUBLE OLIGO/POLYSACCHARIDES FROM CEREAL GRAIN INVOLVING DEBRANNING TECHNOLOGY**

[54] **PROCEDE POUR LA FABRICATION DE PENTOSE ET D’OLIGOSACCHARIDES/POLYSACCHARIDES SOLUBLES A BASE DE PENTOSE A PARTIR DE GRAINS DE CEREALE IMPLIQUANT LA TECHNOLOGIE DU DECORTICAGE**

[72] DELCOUR, JAN, BE
[72] VERAVERBEKE, WIM, BE
[72] BROEKAERT, WILLEM, BE
[71] CARGILL, INCORPORATED, US
[85] 2015-03-18
[86] 2013-09-19 (PCT/US2013/060654)
[87] (WO2014/047312)
[30] GB (1216767.2) 2012-09-20

[21] **2,885,426**
[13] A1

[51] **Int.Cl. H04L 12/16 (2006.01) H04W 4/00 (2009.01)**
[25] EN
[54] **SUBSCRIPTION-NOTIFICATION MECHANISMS FOR SYNCHRONIZATION OF DISTRIBUTED STATES**

[54] **MECANISMES DE NOTIFICATION D’ABONNEMENT POUR LA SYNCHRONISATION D’ETATS DISTRIBUES**

[72] SUPRAMANIAM, SENTHILVASAN, US
[72] HARDISON, OSBORNE B., US
[72] LOGUE, JAY D., US
[72] LUXEMBERG, JARED A., US
[71] GOOGLE INC., US
[85] 2015-03-18
[86] 2013-09-20 (PCT/US2013/060819)
[87] (WO2014/047385)
[30] US (13/624,892) 2012-09-22

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[21] **2,885,427**
[13] A1

[51] **Int.Cl. C12P 7/16 (2006.01)**
[25] EN
[54] **A METHOD FOR PRODUCING BUTANOL USING TWO-PHASE EXTRACTIVE FERMENTATION AND RECYCLABLE AND EXTRACTANT COMPOSITIONS**
[54] **PROCEDE POUR PRODUIRE DU BUTANOL PAR FERMENTATION EXTRACTIVE A DEUX PHASES AU MOYEN DE COMPOSITIONS D'EXTRACTION RECYCLABLES**
[72] ANTON, DOUGLAS ROBERT, US
[72] DINER, BRUCE A., US
[72] DOIG, STEVEN D., US
[71] BUTAMAX ADVANCED BIOFUELS LLC, US
[85] 2015-03-18
[86] 2013-09-20 (PCT/US2013/060858)
[87] (WO2014/047412)
[30] US (61/704,300) 2012-09-21

[21] **2,885,428**
[13] A1

[51] **Int.Cl. E06B 3/64 (2006.01) E06B 3/66 (2006.01)**
[25] EN
[54] **DUAL GLAZING PANEL SYSTEM**
[54] **SYSTEME DE PANNEAU A DOUBLE VITRAGE**
[72] KONSTANTIN, MOSHE, US
[71] KONSTANTIN, MOSHE, US
[85] 2015-03-18
[86] 2013-09-20 (PCT/US2013/060974)
[87] (WO2014/047466)
[30] US (61/704,242) 2012-09-21
[30] US (61/736,847) 2012-12-13
[30] US (13/839,646) 2013-03-15
[30] US (61/860,545) 2013-07-31

[21] **2,885,429**
[13] A1

[51] **Int.Cl. A61K 38/19 (2006.01) C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61P 35/00 (2006.01) C12Q 1/68 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **USE OF MIR-494 TO MODULATE TRAIL-INDUCED APOPTOSIS THROUGH BIM DOWN-REGULATION**
[54] **UTILISATION DE MIR-494 POUR MODULER L'APOPTOSE INDUITE PAR TRAIL PAR L'INTERMEDIAIRE DE LA SOUS-EXPRESSION DE BIM**
[72] CROCE, CARLO M., US
[72] GIULIA, ROMANO, US
[71] THE OHIO STATE UNIVERSITY, US
[85] 2015-03-18
[86] 2013-09-23 (PCT/US2013/061157)
[87] (WO2014/047546)
[30] US (61/704,542) 2012-09-23

[21] **2,885,430**
[13] A1

[51] **Int.Cl. C08J 3/075 (2006.01) B01J 19/00 (2006.01) C08F 2/01 (2006.01) C08F 6/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING WATER SOLUBLE POLYMERS WITH NO INSOLUBLE GELS AND LOW LEVELS OF RESIDUAL MONOMERS**
[54] **PROCEDE POUR PREPARER DES POLYMERES HYDROSOLUBLES SANS GELS INSOLUBLES ET AVEC DE FAIBLES TAUX DE MONOMERES RESIDUELS**
[72] CRAMM, JEFFREY R., US
[72] SIDER, THEODORE P. (DECEASED), US
[72] PATEL, MAYUR, US
[72] HUANG, CHENG-SUNG, US
[72] SMITH, STEPHEN B., US
[71] ECOLAB USA INC., US
[85] 2015-03-11
[86] 2013-09-12 (PCT/US2013/059377)
[87] (WO2014/043306)
[30] US (13/611,026) 2012-09-12

[21] **2,885,431**
[13] A1

[51] **Int.Cl. A61B 10/02 (2006.01) F16L 19/00 (2006.01)**
[25] EN
[54] **BIOPSY CHANNEL ATTACHMENT ADAPTOR**
[54] **ADAPTATEUR DE FIXATION DE CANAL DE BIOPSIE**
[72] RYAN, SHAWN, US
[72] CHAMBERLAND, SARAH, US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2015-03-18
[86] 2013-09-24 (PCT/US2013/061328)
[87] (WO2014/052280)
[30] US (61/705,333) 2012-09-25

[21] **2,885,432**
[13] A1

[51] **Int.Cl. C07C 67/08 (2006.01) C07C 67/54 (2006.01) C07C 69/78 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF HIGH PURITY GLYCOL ESTERS**
[54] **PROCEDE D'OBTENTION D'ESTERS DE GLYCOL A PURETE ELEVEE**
[72] MERENOV, ANDREI S., US
[72] DAUGS, EDWARD D., US
[72] AU-YEUNG, PATRICK HO SING, US
[72] TRUMBLE, JASON L., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2015-03-18
[86] 2013-09-24 (PCT/US2013/061368)
[87] (WO2014/052298)
[30] US (61/706,835) 2012-09-28

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[21] **2,885,433**
[13] A1

[51] **Int.Cl. G09B 23/28 (2006.01) G09B 23/30 (2006.01)**

[25] EN

[54] **SURGICAL TRAINING MODEL FOR LAPAROSCOPIC PROCEDURES**

[54] **MODELE D'APPRENTISSAGE CHIRURGICAL POUR INTERVENTIONS LAPAROSCOPIQUES**

[72] BRESLIN, TRACY, US

[72] HART, CHARLES C., US

[72] WACHLI, SERENE, US

[72] HOKE, ADAM, US

[72] POULSEN, NIKOLAI, US

[72] PALERMO, MICHAEL, US

[72] COHEN, LEE, US

[72] DEMARCHI, JACQUELINE, US

[72] GRACES, AMY, US

[71] APPLIED MEDICAL RESOURCES CORPORATION, US

[85] 2015-03-18

[86] 2013-09-25 (PCT/US2013/061557)

[87] (WO2014/052373)

[30] US (61/705,972) 2012-09-26

[21] **2,885,466**
[13] A1

[51] **Int.Cl. A47C 21/04 (2006.01) A47C 7/74 (2006.01) H05B 3/20 (2006.01)**

[25] EN

[54] **SUPPORT CUSHIONS AND METHODS FOR CONTROLLING SURFACE TEMPERATURE OF SAME**

[54] **COUSSINS DE SUPPORT ET PROCEDES DE REGULATION DE TEMPERATURE DE SURFACE DE CEUX-CI**

[72] MIKKELSEN, TOM, US

[72] CHANDLER, KELLY WOOD, US

[71] TEMPUR-PEDIC MANAGEMENT, LLC, US

[85] 2015-03-18

[86] 2012-10-18 (PCT/US2012/060775)

[87] (WO2014/062185)

[21] **2,885,467**
[13] A1

[51] **Int.Cl. B03D 1/008 (2006.01) B03D 1/01 (2006.01) B03D 1/02 (2006.01)**

[25] EN

[54] **COMPOSITION FOR DRESSING PHOSPHATE ORE**

[54] **COMPOSITION DE TRAITEMENT DE MINERAIS DE PHOSPHATE**

[72] DA SILVA, WAGNER CLAUDIO, BR

[72] PEDAIN, KLAUS ULRICH, DE

[72] BARTALINI, NILSON MAR, BR

[72] DUARTE, ZAIRE GUIMARAES, BR

[72] SPECK CASSOLA, MONICA, BR

[72] ARIAS MEDINA, JORGE ANTONIO, BR

[72] OLIVEIRA FILHO, ANTONIO PEDRO, BR

[71] CLARIANT FINANCE (BVI) LIMITED, VG

[71] CLARIANT S.A., BR

[85] 2015-03-12

[86] 2013-08-20 (PCT/EP2013/002502)

[87] (WO2014/040686)

[30] EP (12006427.4) 2012-09-13

[21] **2,885,469**
[13] A1

[51] **Int.Cl. H02B 1/00 (2006.01)**

[25] EN

[54] **CONTROL UNIT FOR SUPERVISION AND MONITORING SYSTEMS OF ENERGY SUPPLY**

[54] **UNITE DE CONTROLE POUR SYSTEMES DE SUPERVISION ET SURVEILLANCE DE LA FOURNITURE D'ENERGIE ELECTRIQUE**

[72] CASTRO INCLAN, BERNARDO, MX

[71] GRUPO TECNOLOGIAS EOS S.A DE C.V., MX

[85] 2015-03-09

[86] 2013-07-11 (PCT/MX2013/000086)

[87] (WO2014/046531)

[30] MX (MX/a/2012/010805) 2012-09-19

[21] **2,885,470**
[13] A1

[51] **Int.Cl. F16B 35/06 (2006.01) F16B 25/04 (2006.01)**

[25] EN

[54] **WOOD DECKING SCREW**

[54] **VIS POUR TERRASSE EN BOIS**

[72] PIECIAK, JOSEPH A., JR., US

[72] BELINDA, RICHARD L., US

[72] MAZIARZ, MICHAEL W., US

[72] WEISS, TAD A., US

[71] HANDY & HARMAN, US

[85] 2015-03-18

[86] 2013-10-09 (PCT/US2013/063964)

[87] (WO2014/058939)

[30] US (61/711,247) 2012-10-09

[30] US (61/763,582) 2013-02-12

[21] **2,885,471**
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) C07D 239/28 (2006.01) C07D 239/42 (2006.01) C07D 401/04 (2006.01)**

[25] EN

[54] **IMPROVED PROCESS FOR MANUFACTURING 5-(2,6-DI-4-MORPHOLINYL-4-PYRIMIDINYL)-4-TRIFLUOROMETHYLPYRIDIN-2-AMINE**

[54] **PROCEDE AMELIORE POUR LA FABRICATION DE 5-(2,6-DI-4-MORPHOLINYL-4-PYRIMIDINYL)-4-TRIFLUOROMETHYLPYRIDIN-2-AMINE**

[72] FLUBACHER, DIETMAR, CH

[72] BIERI, NICOLE, CH

[72] ACEMOGLU, MURAT, CH

[72] MICHEL, PASCAL, CH

[72] MOSE, RASMUS, CH

[72] STETTLER, HANS, CH

[72] TESTA, MARIA CATERINA, CH

[72] BROZIO, JORG, CH

[72] SCHAEFER, FRANK, CH

[71] NOVARTIS AG, CH

[85] 2015-03-12

[86] 2013-10-21 (PCT/EP2013/071996)

[87] (WO2014/064058)

[30] US (61/717,237) 2012-10-23

[30] US (61/842,101) 2013-07-02

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[21] **2,885,474**
[13] A1

[51] **Int.Cl. C12N 1/20 (2006.01) C05F 5/00 (2006.01) D01C 1/04 (2006.01)**

[25] EN

[54] **BIOLOGICAL BACTERIAL SOLUTION AND APPLICATION THEREOF**

[54] **SOLUTION BACTERIENNE BIOLOGIQUE ET SON APPLICATION**

[72] JIA, PING, CN

[71] BEIJING TIAN'AN BIOSCIENCE & TECHNOLOGY CO., LTD., CN

[85] 2015-03-17

[86] 2013-09-16 (PCT/CN2013/001083)

[87] (WO2014/040382)

[30] CN (201210342165.8) 2012-09-17

[30] CN (201210342705.2) 2012-09-17

[30] CN (201210342545.1) 2012-09-17

[21] **2,885,476**
[13] A1

[51] **Int.Cl. C07D 239/26 (2006.01) A61K 31/496 (2006.01) A61K 31/506 (2006.01) A61P 25/00 (2006.01) C07D 211/08 (2006.01) C07D 215/12 (2006.01) C07D 295/182 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01)**

[25] EN

[54] **UREA AND AMIDE DERIVATIVES OF AMINOALKYLPIPERAZINES AND USE THEREOF**

[54] **DERIVES UREE ET AMIDE D'AMINOALKYLPIPERAZINES ET LEUR UTILISATION**

[72] ANANTHAN, SUBRAMANIAM, US

[71] SOUTHERN RESEARCH INSTITUTE, US

[85] 2015-03-18

[86] 2013-10-11 (PCT/US2013/064524)

[87] (WO2014/059265)

[30] US (61/712,333) 2012-10-11

[21] **2,885,477**
[13] A1

[51] **Int.Cl. A41B 9/00 (2006.01) D04B 1/24 (2006.01)**

[25] FR

[54] **KNITTED BOXER SHORTS WITH IMPROVED CROTCH PART AND METHOD FOR MAKING SAME**

[54] **BOXER TRICOTE A FOND D'ENTREJAMBE AMELIORE ET SON PROCEDE DE CONFECTION**

[72] BLIBECH, RAGHEB, FR

[71] DBAPPAREL OPERATIONS, FR

[85] 2015-03-18

[86] 2013-11-14 (PCT/FR2013/052744)

[87] (WO2014/080110)

[30] FR (1261019) 2012-11-20

[21] **2,885,478**
[13] A1

[51] **Int.Cl. C12N 1/00 (2006.01) C05F 5/00 (2006.01) C12N 1/20 (2006.01) C12P 5/02 (2006.01) D01C 1/04 (2006.01)**

[25] EN

[54] **COMPLEX MICROBIAL FLORA AND APPLICATION THEREOF**

[54] **FLORE MICROBIENNE COMPLEXE ET SON APPLICATION**

[72] JIA, PING, CN

[71] BEIJING TIAN'AN BIOSCIENCE & TECHNOLOGY CO., LTD., CN

[85] 2015-03-17

[86] 2013-09-16 (PCT/CN2013/001089)

[87] (WO2014/040388)

[30] CN (201210343936.5) 2012-09-17

[30] CN (201210343985.9) 2012-09-17

[30] CN (201210343984.4) 2012-09-17

[21] **2,885,479**
[13] A1

[51] **Int.Cl. E21B 33/13 (2006.01) C09K 8/42 (2006.01)**

[25] EN

[54] **METHODS FOR PRODUCING FLUID INVASION RESISTANT CEMENT SLURRIES**

[54] **PROCEDES POUR PRODUIRE DES LAITIERS DE CIMENT RESISTANTS A L'INVASION DE FLUIDE**

[72] MARCHESINI, FLAVIO H., BR

[72] DE OLIVEIRA, RAFAEL MENEZES, BR

[72] KHAMMAR, MEROUANE, US

[72] SANTRA, ASHOK K., US

[72] PAIVA, MARIA DAS DORES M., BR

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-03-16

[86] 2013-10-21 (PCT/US2013/065941)

[87] (WO2014/070503)

[30] US (61/720,662) 2012-10-31

[21] **2,885,481**
[13] A1

[51] **Int.Cl. C09D 183/04 (2006.01) C09D 5/00 (2006.01)**

[25] EN

[54] **LOW VOC CONSTRUCTION PRIMER**

[54] **AMORCE DE CONSTRUCTION A FAIBLE TENEUR EN COV**

[72] DULL, BRENT D., US

[72] GALBRAITH, THOMAS W., US

[72] ADACHI, HIROSHI, JP

[72] OTA, KENJI, JP

[71] DOW CORNING CORPORATION, US

[71] DOW CORNING TORAY CO., LTD., JP

[85] 2015-03-18

[86] 2013-10-11 (PCT/US2013/064646)

[87] (WO2014/059343)

[30] US (61/712,916) 2012-10-12

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[21] **2,885,483**
[13] A1

[51] **Int.Cl. A41B 9/14 (2006.01) A41B 11/00 (2006.01) A41B 11/04 (2006.01) A41F 9/00 (2006.01)**

[25] FR

[54] **MULTI-ELASTIC BELT AND METHOD FOR MAKING SAME**

[54] **CEINTURE MULTI-ELASTIQUE ET SON PROCEDE DE FABRICATION**

[72] BLIBECH, RAGHEB, FR

[71] DBAPPAREL OPERATIONS, FR

[85] 2015-03-18

[86] 2013-11-14 (PCT/FR2013/052745)

[87] (WO2014/080111)

[30] FR (1261088) 2012-11-21

[21] **2,885,484**
[13] A1

[51] **Int.Cl. A61K 8/81 (2006.01) A61Q 1/10 (2006.01) A61Q 19/08 (2006.01)**

[25] EN

[54] **COSMETIC COMPOSITIONS HAVING PERSISTENT TIGHTENING EFFECTS**

[54] **COMPOSITIONS COSMETIQUES PRESENTANT DES EFFETS RAFFERMISANTS PERSISTANTS**

[72] HOWELL, ASHLEY L., US

[72] MEI, BING C., US

[71] AVON PRODUCTS, INC., US

[85] 2014-05-22

[86] 2014-01-02 (PCT/US2014/010061)

[87] (WO2014/143376)

[30] US (13/826,724) 2013-03-14

[21] **2,885,486**
[13] A1

[51] **Int.Cl. C12N 1/00 (2006.01) C05F 5/00 (2006.01) C05F 7/00 (2006.01) C12N 1/20 (2006.01) C12P 5/02 (2006.01) D01C 1/04 (2006.01) D21C 5/00 (2006.01)**

[25] EN

[54] **COMPLEX MICROBIAL FLORA AND APPLICATION THEREOF**

[54] **FLORE MICROBIENNE COMPLEXE ET SON APPLICATION**

[72] JIA, PING, CN

[71] BEIJING TIAN'AN BIOSCIENCE & TECHNOLOGY CO., LTD., CN

[85] 2015-03-17

[86] 2013-09-16 (PCT/CN2013/001091)

[87] (WO2014/040390)

[30] CN (201210344067.8) 2012-09-17

[30] CN (201210344042.8) 2012-09-17

[30] CN (201210343899.8) 2012-09-17

[21] **2,885,487**
[13] A1

[51] **Int.Cl. C12N 5/0775 (2010.01) C12N 5/077 (2010.01) A61K 35/12 (2015.01) A61P 17/00 (2006.01) A61P 19/02 (2006.01) A61P 25/02 (2006.01) A61P 29/00 (2006.01) A61P 37/00 (2006.01) C12N 1/04 (2006.01)**

[25] EN

[54] **THERAPEUTICS USING ADIPOSE CELLS AND CELL SECRETIONS**

[54] **PRODUITS THERAPEUTIQUES A L'AIDE DE CELLULES ADIPEUSES ET DE SECRETIONS CELLULAIRES**

[72] VESEY, GRAHAM, AU

[72] WEBSTER, REBECCA ANNE, AU

[72] LILISCHKIS, RICHARD, AU

[71] CELL IDEAS PTY LTD, AU

[85] 2015-03-19

[86] 2012-09-21 (PCT/AU2012/001140)

[87] (WO2013/040649)

[30] AU (2011903938) 2011-09-23

[30] AU (2012901350) 2012-04-04

[30] AU (2012903646) 2012-08-23

[21] **2,885,490**
[13] A1

[51] **Int.Cl. F16L 9/128 (2006.01) C08K 7/14 (2006.01) C08K 9/04 (2006.01) C08L 63/00 (2006.01)**

[25] EN

[54] **COMPOSITE FUEL PIPES**

[54] **TUYAUX A CARBURANT EN COMPOSITES**

[72] JALALI, MOHSEN, CA

[72] MOUPFOUMA, FIDELE, CA

[71] BOMBARDIER INC., CA

[85] 2015-03-18

[86] 2013-09-19 (PCT/IB2013/002050)

[87] (WO2014/045098)

[30] US (61/703,849) 2012-09-21

[21] **2,885,492**
[13] A1

[51] **Int.Cl. C12N 1/00 (2006.01) C05F 5/00 (2006.01) C12N 1/20 (2006.01) D21C 5/00 (2006.01)**

[25] EN

[54] **COMPLEX MICROBIAL FLORA AND APPLICATION THEREOF**

[54] **FLORE MICROBIENNE COMPLEXE ET SON APPLICATION**

[72] JIA, PING, CN

[71] BEIJING TIAN'AN BIOSCIENCE & TECHNOLOGY CO., LTD., CN

[85] 2015-03-17

[86] 2013-09-16 (PCT/CN2013/001096)

[87] (WO2014/040395)

[30] CN (201210343853.6) 2012-09-17

[30] CN (201210344141.6) 2012-09-17

[30] CN (201210343852.1) 2012-09-17

[21] **2,885,493**
[13] A1

[51] **Int.Cl. A01C 7/20 (2006.01)**

[25] EN

[54] **METERING ASSEMBLY WITH INDIVIDUALLY DRIVEN METERING SECTIONS**

[54] **SYSTEME DE MESURE AVEC SECTIONS DE MESURE ACTIONNEES INDIVIDUELLEMENT**

[72] DLUGAN, KENNETH MATHEW, CA

[72] MEYER, ANDREW THOMAS, CA

[71] ONE PASS IMPLEMENTS INC., CA

[85] 2015-03-12

[86] 2013-09-12 (PCT/CA2013/050704)

[87] (WO2014/040190)

[30] US (61/701,460) 2012-09-14

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[21] **2,885,494**
[13] A1

[51] **Int.Cl. F23N 1/00 (2006.01) F23N 5/12 (2006.01)**
[25] EN
[54] **METHOD FOR MONITORING AND CONTROLLING COMBUSTION IN FUEL GAS BURNER APPARATUS, AND COMBUSTION CONTROL SYSTEM OPERATING IN ACCORDANCE WITH SAID METHOD**
[54] **PROCEDE POUR LA SURVEILLANCE ET LA COMMANDE DE COMBUSTION DANS UN APPAREIL DE TYPE BRULEUR DE GAZ COMBUSTIBLE, ET SYSTEME DE COMMANDE DE COMBUSTION FONCTIONNANT CONFORMEMENT AUDITPROCEDE**
[72] ABATE, MAURIZIO ACHILLE, IT
[72] BERTOLI, LORIS, IT
[72] FRANCH, ALESSANDRO, IT
[72] PIROVANO, GIANCARLO, IT
[71] SIT S.P.A., IT
[85] 2015-03-18
[86] 2013-09-20 (PCT/IB2013/058698)
[87] (WO2014/049502)
[30] IT (PD2012A000281) 2012-09-27

[21] **2,885,495**
[13] A1

[51] **Int.Cl. E03C 1/10 (2006.01)**
[25] EN
[54] **AIRCRAFT GALLEY WATER DISTRIBUTION MANIFOLD**
[54] **COLLECTEUR DE DISTRIBUTION D'EAU D'OFFICE D'AVION**
[72] BURD, PETER JOHN LESLIE, GB
[71] B/E AEROSPACE, INC., US
[85] 2015-03-17
[86] 2013-10-03 (PCT/US2013/063308)
[87] (WO2014/055785)
[30] US (61/709,834) 2012-10-04
[30] US (14/044,487) 2013-10-02

[21] **2,885,496**
[13] A1

[51] **Int.Cl. C02F 1/28 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING SOLUTION CONTAINING RARE EARTH**
[54] **PROCEDE DE TRAITEMENT D'UNE SOLUTION CONTENANT UNE TERRE RARE**
[72] LI, YONGXIU, CN
[72] XIE, AILING, CN
[72] WANG, YUE, CN
[72] SONG, LISHA, CN
[72] LI, YILIN, CN
[72] ZHOU, XINMU, CN
[72] ZHOU, XUEZHEN, CN
[72] LIU, YANZHU, CN
[72] LI, JING, CN
[71] NANCHANG UNIVERSITY, CN
[85] 2015-03-17
[86] 2013-12-24 (PCT/CN2013/090371)
[87] (WO2015/021727)
[30] CN (201310355981.7) 2013-08-15
[30] CN (201310400389.4) 2013-09-05

[21] **2,885,497**
[13] A1

[51] **Int.Cl. A23L 1/035 (2006.01) B01F 3/08 (2006.01)**
[25] EN
[54] **COMPOSITION**
[54] **COMPOSITION**
[72] MARANGONI, ALEJANDRO, CA
[71] OMNIS BIOTECHNOLOGY INC., CA
[85] 2015-03-12
[86] 2012-09-18 (PCT/CA2012/000857)
[87] (WO2014/043778)

[21] **2,885,498**
[13] A1

[51] **Int.Cl. G01B 7/04 (2006.01) G01R 33/04 (2006.01) G01R 33/07 (2006.01)**
[25] EN
[54] **MEASUREMENT OF LAY LENGTH OF WIRE ROPE**
[54] **MESURE DE LONGUEUR UTILE DE CABLE METALLIQUE**
[72] OUELLETTE, SYLVAIN, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA, CA
[85] 2015-03-19
[86] 2012-10-04 (PCT/CA2012/050701)
[87] (WO2014/053047)

[21] **2,885,500**
[13] A1

[51] **Int.Cl. E21B 44/00 (2006.01) E21B 7/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING DRILLING PARAMETERS BASED ON HYDRAULIC PRESSURE ASSOCIATED WITH A DIRECTIONAL DRILLING SYSTEM**
[54] **SYSTEME ET PROCEDE DE DETERMINATION DE PARAMETRES DE FORAGE SUR BASE DE LA PRESSION HYDRAULIQUE ASSOCIEE A UN SYSTEME DE FORAGE DIRECTIONNEL**
[72] DEOLALIKAR, NEELESH V., US
[72] WINSLOW, DANIEL MARTIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-18
[86] 2012-09-21 (PCT/US2012/056547)
[87] (WO2014/046668)

[21] **2,885,502**
[13] A1

[51] **Int.Cl. C09K 19/52 (2006.01) G02F 1/00 (2006.01)**
[25] EN
[54] **PRINTING OF LIQUID CRYSTAL DROPLET LASER RESONATORS ON A WET POLYMER SOLUTION AND PRODUCT MADE THEREWITH**
[54] **IMPRESSON DE RESONATEURS LASER, A BASE DE GOUTTELETTES DE CRISTAUX LIQUIDES, SUR UNE SOLUTION POLYMERE HUMIDE ET PRODUIT FABRIQUE PAR CELLE-CI**
[72] COLES, HARRY, GB
[72] HUTCHINGS, IAN, GB
[72] GARDINER, DAMIAN, GB
[72] HSIAO, WEN-KAI, GB
[72] HANDS, PHILIP, GB
[72] MORRIS, STEPHEN, GB
[72] WILKINSON, TIMOTHY, GB
[71] CAMBRIDGE ENTERPRISE LIMITED, GB
[85] 2015-03-13
[86] 2013-05-24 (PCT/GB2013/051368)
[87] (WO2013/175225)
[30] GB (1209235.9) 2012-05-25
[30] GB (1214439.0) 2012-08-13

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[21] **2,885,504**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **GROUPING RELATED PHOTOGRAPHS**
[54] **GROUPEMENT DE PHOTOGRAPHIES ASSOCIEES**
[72] KWATRA, VIVEK, US
[72] IOFFE, SERGEY, US
[72] GRUNDMANN, MATTHIAS, US
[71] GOOGLE INC., US
[85] 2015-03-17
[86] 2013-10-23 (PCT/US2013/066414)
[87] (WO2014/066523)
[30] US (13/661,425) 2012-10-26

[21] **2,885,505**
[13] A1

[51] **Int.Cl. B63B 27/30 (2006.01) E02B 17/00 (2006.01)**
[25] EN
[54] **BOAT LANDING STAGE**
[54] **POINT D'AMARRAGE POUR NAVIRES**
[72] VOLLAND, MICHAEL, DE
[72] SEELHOFFER, MARKUS, DE
[72] HINTEMANN, REINHARD, DE
[72] SAGEBIEL, BERND, DE
[71] KME GERMANY GMBH & CO. KG, DE
[85] 2015-03-19
[86] 2013-08-19 (PCT/DE2013/000464)
[87] (WO2014/053107)
[30] DE (10 2012 019 554.0) 2012-10-05

[21] **2,885,506**
[13] A1

[51] **Int.Cl. G01T 1/20 (2006.01)**
[25] EN
[54] **PHOTOMULTIPLIER APPARATUS AND RADIATION DETECTOR INCORPORATING SUCH APPARATUS**
[54] **APPAREIL PHOTOMULTIPLICATEUR ET DETECTEUR DE RAYONNEMENT COMPRENANT UN TEL APPAREIL**
[72] BROOKES, STEPHEN JOHN, GB
[72] CUNNINGHAM, COLIN, GB
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[85] 2015-03-13
[86] 2013-09-20 (PCT/GB2013/052476)
[87] (WO2014/045058)
[30] GB (1216850.6) 2012-09-21
[30] US (61/703,805) 2012-09-21

[21] **2,885,509**
[13] A1

[51] **Int.Cl. G21C 17/108 (2006.01) F16N 7/30 (2006.01)**
[25] EN
[54] **DEVICE FOR INTRODUCING LUBRICANT INTO A TUBING**
[54] **DISPOSITIF POUR INTRODUIRE UN LUBRIFIANT DANS UNE TUYAUTERIE**
[72] MULLER, SIMON, DE
[72] WISTUBA, LOTHAR, DE
[71] AREVA GMBH, DE
[85] 2015-03-18
[86] 2013-09-09 (PCT/EP2013/068627)
[87] (WO2014/044568)
[30] DE (10 2012 216 621.1) 2012-09-18

[21] **2,885,510**
[13] A1

[51] **Int.Cl. C04B 28/00 (2006.01) C04B 40/00 (2006.01)**
[25] FR
[54] **PROCESS FOR PREPARING A COMPOSITE MATERIAL FROM AN ORGANIC LIQUID AND RESULTING MATERIAL**
[54] **PROCEDE POUR PREPARER UN MATERIAU COMPOSITE A PARTIR D'UN LIQUIDE ORGANIQUE ET MATERIAU AINSI OBTENU**
[72] LAMBERTIN, DAVID, FR
[72] ROOSES, ADRIEN, FR
[72] FRIZON, FABIEN, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2015-03-18
[86] 2013-09-19 (PCT/EP2013/069520)
[87] (WO2014/044776)
[30] FR (1258880) 2012-09-21

[21] **2,885,512**
[13] A1

[51] **Int.Cl. G07F 7/10 (2006.01) G06Q 20/32 (2012.01) G06Q 20/40 (2012.01) G06F 21/36 (2013.01) G07F 19/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SECURELY ENTERING IDENTIFICATION DATA IN ORDER TO AUTHENTICATE A TRANSACTION CARRIED OUT BY MEANS OF A SELF-SERVICE TERMINAL**
[54] **PROCEDE ET SYSTEME DE SAISIE SECURISEE DE DONNEES D'IDENTIFICATION POUR AUTHENTIFIER UNE TRANSACTION EFFECTUEE AU MOYEN D'UN TERMINAL EN LIBRE SERVICE**
[72] URBAN, PATRICK, DE
[71] WINCOR NIXDORF INTERNATIONAL GMBH, DE
[85] 2015-03-19
[86] 2013-09-05 (PCT/EP2013/068381)
[87] (WO2014/048693)
[30] EP (12186008.4) 2012-09-26

[21] **2,885,513**
[13] A1

[51] **Int.Cl. E21D 11/10 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR DETERMINING AT LEAST ONE PARAMETER, WHICH DETERMINES THE APPLICATION OF SPRAYED CONCRETE**
[54] **DISPOSITIF ET PROCEDE POUR DETERMINER AU MOINS UN PARAMETRE DETERMINANT L'APPLICATION DE BETON PULVERISE**
[72] TSCHUMI, OTTO, CH
[72] RAUBER, TOBIAS, CH
[72] WINKEL, REIK, DE
[71] ATLAS COPCO ROCK DRILLS AB, SE
[85] 2015-03-19
[86] 2013-09-27 (PCT/SE2013/000149)
[87] (WO2014/054997)
[30] US (61/710,002) 2012-10-05
[30] EP (12187373.1) 2012-10-05

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[21] **2,885,514**
[13] A1

[51] **Int.Cl. B62D 55/265 (2006.01) B62D 57/032 (2006.01)**
[25] EN
[54] **AUTONOMOUS CRAWLING ASSEMBLY SYSTEM**
[54] **SYSTEME D'ENSEMBLE RAMPANT AUTONOME**
[72] GAMBOA, JAMES DARRYL, US
[71] THE BOEING COMPANY, US
[85] 2015-03-17
[86] 2013-09-16 (PCT/US2013/059842)
[87] (WO2014/070318)
[30] US (13/663,838) 2012-10-30

[21] **2,885,516**
[13] A1

[51] **Int.Cl. B61D 33/00 (2006.01) B61D 45/00 (2006.01)**
[25] EN
[54] **DEVICE FOR LOCKING OBJECTS IN RAIL VEHICLES**
[54] **DISPOSITIF PERMETTANT DE BLOQUER DES OBJETS DANS DES VEHICULES FERROVIAIRES**
[72] MCNEILL, PETER, AT
[72] ORTHNER, CHRISTOPH, AT
[72] RESCH, GERHARD, AT
[71] BOMBARDIER TRANSPORTATION GMBH, DE
[85] 2015-03-18
[86] 2013-09-20 (PCT/EP2013/069573)
[87] (WO2014/044796)
[30] DE (10 2012 216 953.9) 2012-09-21

[21] **2,885,517**
[13] A1

[51] **Int.Cl. C12N 15/63 (2006.01) C12N 9/12 (2006.01) C12N 15/10 (2006.01)**
[25] EN
[54] **METHODS FOR PRODUCING RECOMBINANT PROTEINS**
[54] **PROCEDES POUR LA PRODUCTION DE PROTEINES RECOMBINEES**
[72] CAIN, KATHARINE LACY, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2015-03-19
[86] 2013-09-30 (PCT/EP2013/070317)
[87] (WO2014/049168)
[30] GB (1217398.5) 2012-09-28
[30] GB (1310868.3) 2013-06-18

[21] **2,885,518**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **A METHOD FOR PROGNOSIS OF GLOBAL SURVIVAL AND SURVIVAL WITHOUT RELAPSE IN HEPATOCELLULAR CARCINOMA**
[54] **PROCEDE POUR PRONOSTIQUER UNE SURVIE GLOBALE ET UNE SURVIE SANS RECHUTE DANS UN CARCINOME HEPATOCELLULAIRE**
[72] DE REYNIES, AURELIEN, FR
[72] LAURENT-PIUG, PIERRE, FR
[72] ZUCMAN-ROSSI, JESSICA, FR
[72] NAULT, JEAN-CHARLES, FR
[71] INTEGRAGEN, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] UNIVERSITE PARIS DESCARTES, FR
[85] 2015-03-18
[86] 2013-09-23 (PCT/EP2013/069753)
[87] (WO2014/044854)
[30] US (61/704,360) 2012-09-21
[30] EP (12306146.7) 2012-09-21

[21] **2,885,519**
[13] A1

[51] **Int.Cl. A61K 38/48 (2006.01) C07K 14/33 (2006.01)**
[25] EN
[54] **RECOMBINANT CLOSTRIDIUM BOTULINUM NEUROTOXINS**
[54] **NEUROTOXINES RECOMBINANTES DE CLOSTRIDIUM BOTULINUM**
[72] COSSINS, AIMEE, GB
[72] BEARD, MATTHEW, GB
[71] SYNTAXIN LIMITED, GB
[71] IPSEN BIOPHARM LIMITED, AF
[85] 2015-03-19
[86] 2013-10-31 (PCT/GB2013/052845)
[87] (WO2014/068317)
[30] GB (1219602.8) 2012-10-31

[21] **2,885,520**
[13] A1

[51] **Int.Cl. A21B 1/48 (2006.01) A23B 4/052 (2006.01) A23L 1/232 (2006.01)**
[25] EN
[54] **COMBINATION OF COOKING AND SMOKING**
[54] **COMBINAISON DE CUISSON ET FUMAISON**
[72] KOP, BEN, NL
[72] VERBRUGGEN, PAUL, NL
[71] GEA FOOD SOLUTIONS BAKEL B.V., NL
[85] 2015-03-18
[86] 2013-09-24 (PCT/EP2013/069865)
[87] (WO2014/048925)
[30] EP (12185955.7) 2012-09-25
[30] EP (13150399.7) 2013-01-07
[30] EP (13150464.9) 2013-01-08

[21] **2,885,521**
[13] A1

[51] **Int.Cl. B29C 59/02 (2006.01) B29C 39/00 (2006.01) B32B 3/30 (2006.01) B32B 27/10 (2006.01) B65D 65/40 (2006.01)**
[25] EN
[54] **A METHOD FOR THE MANUFACTURING OF A POLYMER PRODUCT WITH SUPER- OR HIGHLY HYDROPHOBIC CHARACTERISTICS, A PRODUCT OBTAINABLE FROM SAID METHOD AND USE THEREOF**
[54] **PROCEDE DE FABRICATION D'UN PRODUIT EN POLYMERE DOTE DE CARACTERISTIQUES SUPER- OU FORTEMENT HYDROPHOBES, PRODUIT REALISABLE PAR LEDIT PROCEDE ET SON UTILISATION**
[72] HEISKANEN, ISTO, FI
[72] MIIKKI, NINA, FI
[71] STORA ENSO OYJ, FI
[85] 2015-03-19
[86] 2013-09-24 (PCT/IB2013/058804)
[87] (WO2014/049518)
[30] SE (1251079-8) 2012-09-25

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[13] A1

[51] **Int.Cl. C12N 1/00 (2006.01) C05F 5/00 (2006.01) C12N 1/20 (2006.01) C12P 5/02 (2006.01) D21C 5/00 (2006.01)**

[25] EN

[54] **COMPLEX MICROBIAL FLORA AND APPLICATION THEREOF**

[54] **FLORE MICROBIENNE COMPLEXE ET SON APPLICATION**

[72] JIA, PING, CN

[71] BEIJING TIAN'AN BIOSCIENCE & TECHNOLOGY CO., LTD., CN

[85] 2015-03-17

[86] 2013-09-16 (PCT/CN2013/001081)

[87] (WO2014/040380)

[30] CN (201210341453.1) 2012-09-17

[30] CN (201210341485.1) 2012-09-17

[30] CN (201210341519.7) 2012-09-17

[21] **2,885,523**
[13] A1

[51] **Int.Cl. G01L 9/00 (2006.01) G01L 13/02 (2006.01) G01L 19/04 (2006.01)**

[25] FR

[54] **PRESSURE SENSOR MADE FROM NANOGAUGES COUPLED TO A RESONATOR**

[54] **CAPTEUR DE PRESSION A BASE DE NANOJAUGES COUPLEES A UN RESONATEUR**

[72] RIOU, JEAN-CHRISTOPHE, FR

[72] LEHEE, GUILLAUME, FR

[71] SAGEM DEFENSE SECURITE, FR

[85] 2015-03-18

[86] 2013-09-26 (PCT/EP2013/070084)

[87] (WO2014/049062)

[30] FR (1259067) 2012-09-26

[21] **2,885,524**
[13] A1

[51] **Int.Cl. B65D 5/74 (2006.01)**

[25] EN

[54] **A SCREWED COVER EMBODIMENT HAVING APPARATUS OF FOIL-CUTTING AND FOLDING TO THE INNER PART IN THE ASEPTIC LIQUID CARDBOARD PACKAGES**

[54] **MODE DE REALISATION DE COUVERCLE VISSE POSSEDANT UN APPAREIL DE DECOUPE DE FEUILLE ET DE PLIAGE SUR LA PARTIE INTERIEURE DANS LES EMBALLAGES EN CARTON ASEPTIQUES POUR LIQUIDE**

[72] EMIRCAN, NECAT, TR

[71] EMIRCAN, NECAT, TR

[85] 2015-03-19

[86] 2013-09-09 (PCT/TR2013/000289)

[87] (WO2014/046633)

[30] TR (2012/10799) 2012-09-21

[21] **2,885,525**
[13] A1

[51] **Int.Cl. A61F 5/453 (2006.01) A61F 5/44 (2006.01) A61F 13/471 (2006.01)**

[25] EN

[54] **SANITARY BAG**

[54] **SACHET HYGIENIQUE**

[72] MAKSIMOW, ALEXANDER, DE

[71] MCAIRLAID'S VLIESTOFFE GMBH, DE

[85] 2015-03-18

[86] 2013-09-27 (PCT/EP2013/070241)

[87] (WO2014/053417)

[30] DE (20 2012 103 745.9) 2012-10-01

[30] DE (20 2013 101 413.3) 2013-04-03

[21] **2,885,526**
[13] A1

[51] **Int.Cl. E21B 23/10 (2006.01) E21B 33/122 (2006.01) E21B 33/124 (2006.01) E21B 34/14 (2006.01)**

[25] EN

[54] **WELLBORE TOOL WITH INDEXING MECHANISM AND METHOD**

[54] **OUTIL DE PUIITS DE FORAGE EQUIPE D'UN MECANISME D'INDEXATION ET PROCEDE ASSOCIE**

[72] AVERY, BRANDON LAYNE, CA

[71] PACKERS PLUS ENERGY SERVICES INC., CA

[85] 2015-03-13

[86] 2013-09-18 (PCT/CA2013/050712)

[87] (WO2014/043806)

[30] US (61/703,138) 2012-09-19

[21] **2,885,527**
[13] A1

[51] **Int.Cl. A61K 31/198 (2006.01) A61K 9/16 (2006.01) A61K 9/48 (2006.01) A61K 31/195 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR IMPROVING HEALTH IN ANIMALS**

[54] **COMPOSITIONS ET PROCEDES POUR AMELIORER LA SANTE DES ANIMAUX**

[72] HEATON, AMY L., US

[72] FRIEDLANDER, MITCHELL K., US

[72] GAY, DENNIS W., US

[71] QUALITY IP HOLDINGS, LLC, US

[85] 2015-03-19

[86] 2013-09-20 (PCT/US2013/060986)

[87] (WO2014/047476)

[30] US (13/623,111) 2012-09-20

[30] US (13/623,113) 2012-09-20

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[21] **2,885,528**
[13] A1

[51] **Int.Cl. G01V 8/00 (2006.01) B60L 5/00 (2006.01) B60L 11/18 (2006.01) G01D 5/26 (2006.01) G01K 11/32 (2006.01) H02J 7/04 (2006.01)**

[25] EN

[54] **DETECTING AN OBJECT IN AN INDUCTIVE POWER TRANSFER AREA**

[54] **DETECTION D'UN OBJET DANS UNE ZONE DE TRANSFERT DE PUISSANCE INDUCTIVE**

[72] WHALEY, JOHN, GB

[72] HALFMANN, CHRISTOPH, DE

[72] LANNOIJE, MARNIX, BE

[72] WEI, PING, DE

[71] BOMBARDIER TRANSPORTATION GMBH, DE

[85] 2015-03-18

[86] 2013-10-11 (PCT/EP2013/071315)

[87] (WO2014/057100)

[30] GB (1218368.7) 2012-10-12

[21] **2,885,529**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/11 (2006.01) G01N 33/574 (2006.01)**

[25] EN

[54] **MIR-18B FOR USE AS A MARKER OF CANCER PROGRESSION AND TARGET FOR THERAPIES TO TREAT CANCER**

[54] **MIR-18B POUR SON UTILISATION EN TANT QUE MARQUEUR DE LA PROGRESSION D'UN CANCER ET CIBLE POUR DES THERAPIES DE TRAITEMENT DU CANCER**

[72] KASHANI-SABET, MOHAMMED, US

[72] DAR, ALTAF A., US

[71] SUTTER WEST BAY HOSPITALS, US

[85] 2015-03-19

[86] 2013-09-19 (PCT/US2013/060589)

[87] (WO2014/047267)

[30] US (61/703,057) 2012-09-19

[21] **2,885,530**
[13] A1

[51] **Int.Cl. A62C 37/11 (2006.01)**

[25] EN

[54] **SPRINKLER ASSEMBLY**

[54] **ENSEMBLE EXTINCTEUR**

[72] ANCONE, MATHEW R., US

[72] CUTTING, SEAN E., US

[72] MILLER, LYLE, US

[71] TYCO FIRE PRODUCTS LP, US

[85] 2015-03-19

[86] 2013-09-20 (PCT/US2013/060997)

[87] (WO2014/047485)

[30] US (61/704,414) 2012-09-21

[21] **2,885,531**
[13] A1

[51] **Int.Cl. A61B 5/0472 (2006.01) A61B 5/0432 (2006.01) G06T 15/00 (2011.01)**

[25] EN

[54] **PHYSIOLOGICAL MAPPING FOR ARRHYTHMIA**

[54] **MAPPAGE PHYSIOLOGIQUE POUR L'ARYTHMIE**

[72] DUBOIS, REMI, FR

[72] GEORGE, BRIAN P., US

[72] RAMANATHAN, CHARULATHA, US

[72] ZENG, QINGGUO, US

[72] STROM, MARIA, US

[72] VASUDEVAN, VENKATESH, US

[72] BOKAN, RYAN, US

[72] JIA, PING, US

[71] CARDIOINSIGHT TECHNOLOGIES, INC., US

[85] 2015-03-19

[86] 2013-09-20 (PCT/US2013/060851)

[87] (WO2014/047405)

[30] US (61/704,227) 2012-09-21

[21] **2,885,532**
[13] A1

[51] **Int.Cl. A62C 37/11 (2006.01) B05B 1/26 (2006.01)**

[25] EN

[54] **SPRINKLER DEFLECTOR**

[54] **DEFLECTEUR D'EXTINCTEUR**

[72] MILLER, LYLE, US

[72] ANCONE, MATHEW R., US

[71] TYCO FIRE PRODUCTS LP, US

[85] 2015-03-19

[86] 2013-09-20 (PCT/US2013/061017)

[87] (WO2014/047499)

[30] US (61/704,430) 2012-09-21

[30] US (61/724,843) 2012-11-09

[21] **2,885,533**
[13] A1

[51] **Int.Cl. F04D 13/04 (2006.01) F01D 15/08 (2006.01) F01D 25/24 (2006.01) F04D 29/62 (2006.01)**

[25] EN

[54] **HYDRAULIC SYSTEM WITH MODULAR INSERTS**

[54] **SYSTEME HYDRAULIQUE COMPRENANT DES ELEMENTS INSERES MODULAIRES**

[72] CALKINS, JEFF, US

[72] BICHE, BART, US

[72] KADAJ, ERIC, US

[72] KRISH, PREM, US

[71] ENERGY RECOVERY, INC., US

[85] 2015-03-19

[86] 2013-09-20 (PCT/US2013/061045)

[87] (WO2014/047516)

[30] US (61/703,963) 2012-09-21

[21] **2,885,534**
[13] A1

[51] **Int.Cl. E21B 19/02 (2006.01) B66C 1/62 (2006.01) E21B 7/02 (2006.01)**

[25] EN

[54] **TOOL FOR USE ON EXIT SIDE OF BORE AND METHOD OF USE THEREOF**

[54] **OUTIL DESTINE A ETRE UTILISE SUR UN COTE SORTIE D'UN FORAGE ET PROCEDE D'UTILISATION ASSOCIE**

[72] RANDALL, GUY, US

[72] BIRD, JARED, US

[72] GENTRY, RICH, US

[71] AMERICAN AUGERS, INC., US

[85] 2015-03-17

[86] 2013-12-02 (PCT/US2013/072699)

[87] (WO2014/085828)

[30] US (61/732,068) 2012-11-30

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[21] **2,885,535**
[13] A1

[51] **Int.Cl. C08F 136/06 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF (CO)POLYMERS OF CONJUGATED DIENES IN THE PRESENCE OF A CATALYTIC SYSTEM COMPRISING AN OXO-NITROGENATED COMPLEX OF COBALT**
[54] **PROCEDE DE PREPARATION DE (CO) POLYMERES DE DIENES CONJUGUES EN PRESENCE D'UN SYSTEME CATALYTIQUE COMPRENANT UN COMPLEXE OXO-AZOTE DE COBALT**
[72] RICCI, GIOVANNI, IT
[72] LEONE, GIUSEPPE, IT
[72] SOMMAZZI, ANNA, IT
[72] MASI, FRANCESCO, IT
[71] VERSALIS S.P.A., IT
[85] 2015-03-18
[86] 2013-12-13 (PCT/IB2013/060905)
[87] (WO2014/097087)
[30] IT (MI2012A002203) 2012-12-20

[21] **2,885,536**
[13] A1

[51] **Int.Cl. G07F 13/02 (2006.01) G06F 21/74 (2013.01) G06Q 30/00 (2012.01) G07F 9/02 (2006.01)**
[25] EN
[54] **APPLICATION HOSTING WITHIN A SECURED FRAMEWORK IN A FUELING ENVIRONMENT**
[54] **HEBERGEMENT D'APPLICATION DANS UN CADRE SECURISE DANS UN ENVIRONNEMENT D'AVITAILLEMENT EN CARBURANT**
[72] CARAPELLI, GIOVANNI, US
[72] WILLIAMS, RODGER K., US
[72] PARK, THOMAS J., US
[72] FREEZE, DERON WAYNE, US
[72] RICHEY, FREDERICK DONALD, US
[72] AYMA, IVAN RUBIN, US
[71] GILBARCO S.R.L., IT
[71] GILBARCO, INC., US
[85] 2015-03-19
[86] 2013-09-23 (PCT/US2013/061193)
[87] (WO2014/047565)
[30] US (61/704,158) 2012-09-21
[30] US (14/032,608) 2013-09-20

[21] **2,885,537**
[13] A1

[51] **Int.Cl. C12N 1/20 (2006.01) A61K 35/66 (2015.01) A61K 35/74 (2015.01) A61P 3/04 (2006.01) A61P 3/08 (2006.01) A61P 3/10 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **PROBIOTIC COMPOSITIONS AND METHODS FOR THE TREATMENT OF OBESITY AND OBESITY-RELATED CONDITIONS**
[54] **COMPOSITIONS PROBIOTIQUES ET PROCEDES DE TRAITEMENT DE L'OBESITE ET DES AFFECTIONS ASSOCIEES A L'OBESITE**
[72] OLMSTEAD, STEPHEN FRANCIS, US
[71] PROTHERA, INC., US
[85] 2015-03-17
[86] 2013-08-12 (PCT/US2013/054553)
[87] (WO2014/046804)
[30] US (61/703,257) 2012-09-20
[30] US (13/964,727) 2013-08-12

[21] **2,885,538**
[13] A1

[51] **Int.Cl. C08F 36/06 (2006.01) C08F 136/06 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF (CO)POLYMERS OF CONJUGATED DIENES IN THE PRESENCE OF A CATALYTIC SYSTEM COMPRISING A BIS-IMINO-PYRIDINE COMPLEX OF COBALT**
[54] **PROCEDE POUR LA PREPARATION DE (CO)POLYMERES DE DIENES CONJUGUES EN PRESENCE D'UN SYSTEME CATALYTIQUE COMPRENANT UN COMPLEXE DE BIS-IMINO-PYRIDINE ET DE COBALT**
[72] MASI, FRANCESCO, IT
[72] RICCI, GIOVANNI, IT
[72] SOMMAZZI, ANNA, IT
[72] LEONE, GIUSEPPE, IT
[72] CALDARARO, MARIA, IT
[71] VERSALIS S.P.A., IT
[85] 2015-03-18
[86] 2013-12-20 (PCT/IB2013/061193)
[87] (WO2014/097245)
[30] IT (MI2012A002206) 2012-12-20

[21] **2,885,539**
[13] A1

[51] **Int.Cl. G06Q 10/08 (2012.01) H04W 4/14 (2009.01)**
[25] EN
[54] **CENTRALIZED SYSTEM AND METHOD FOR AUTOMATED CARRIER STATUS UPDATES VIA SMS IN A MULTI-CARRIER ENVIRONMENT**
[54] **SYSTEME CENTRALISE ET PROCEDE ASSOCIE POUR DES MISES A JOUR AUTOMATISEES D'ETAT DE TRANSPORTEUR PAR L'INTERMEDIAIRE DU SERVICE DE MESSAGES COURTS (SMS) DANS UN ENVIRONNEMENT A TRANSPORTEURS MULTIPLES**
[72] PAPA, CHARLES A., III, US
[72] BHATHENA, PERCY R., US
[72] KOCH, DOUGLAS J., US
[72] VIGGILUCCI, MICHAEL, US
[72] SARGEANT, JERMAINE G., US
[71] PENSKE TRUCK LEASING CO., L.P., US
[85] 2015-03-19
[86] 2013-09-23 (PCT/US2013/061252)
[87] (WO2014/047593)
[30] US (13/624,675) 2012-09-21

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[51] **Int.Cl. F16J 15/22 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR PRODUCING A COMPRESSION PACKING SEAL INCLUDING A DUAL-SIDED BRAIDED JACKET AND METHODS OF USING THE SAME**
[54] **PROCEDES ET APPAREILS PERMETTANT DE PRODUIRE UN JOINT D'ETANCHEITE DE GARNITURE DE COMPRESSION COMPORTANT UNE CHEMISE TRESSEE DOUBLE FACE ET PROCEDES D'UTILISATION DE CES DERNIERS**
[72] AZIBERT, HENRI V., US
[72] MAHONEY, PHILIP MICHAEL, US
[72] STARBILE, PAUL VINCENT, US
[71] A.W. CHESTERTON COMPANY, US
[85] 2015-03-19
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[87] (WO2014/052636)
[30] US (61/705,886) 2012-09-26

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[54] **THYROGLOBULIN QUANTITATION BY MASS SPECTROSCOPY**
[54] **QUANTIFICATION DE THYROGLOBULINE PAR SPECTROSCOPIE DE MASSE**
[72] ZHANG, YANNI, US
[72] CLARKE, NIGEL J., US
[72] REITZ, RICHARD E., US
[71] QUEST DIAGNOSTICS INVESTMENTS INCORPORATED, US
[85] 2015-03-19
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[87] (WO2014/047316)
[30] US (61/703,721) 2012-09-20

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[51] **Int.Cl. B21J 15/14 (2006.01) B25B 11/00 (2006.01)**
[25] EN
[54] **MANUFACTURING METHOD AND ROBOTIC ASSEMBLY SYSTEM**
[54] **PROCEDE DE FABRICATION ET SYSTEME D'ASSEMBLAGE ROBOTIQUE ASSOCIE**
[72] SARH, BRANKO, US
[72] OBEROI, HARINDER S., US
[72] WRIGHT, RODNEY S., US
[72] MILLER, JEFF, US
[71] THE BOEING COMPANY, US
[85] 2015-03-17
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[30] US (13/648,871) 2012-10-10

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[51] **Int.Cl. C07K 14/015 (2006.01) A61K 35/76 (2015.01) A61K 48/00 (2006.01) A61P 25/00 (2006.01) C12N 5/10 (2006.01) C12N 7/00 (2006.01) C12N 15/09 (2006.01) C12N 15/19 (2006.01) C12N 15/35 (2006.01) C12N 15/63 (2006.01) C12N 15/86 (2006.01)**
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[54] **AAV VECTORS TARGETED TO OLIGODENDROCYTES**
[54] **VECTEURS VAA CIBLES SUR DES OLIGODENDROCYTES**
[72] MCCOWN, THOMAS, US
[72] GRAY, STEVEN, US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[85] 2015-03-19
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[13] A1

[51] **Int.Cl. G01S 19/34 (2010.01) G01S 5/02 (2010.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR REDUCING GNSS RECEIVER POWER USAGE BY LEVERAGING SIGNALS OF OPPORTUNITY TO PREDICT GNSS AVAILABILITY**
[54] **SYSTEME ET PROCEDES DE REDUCTION DE CONSOMMATION D'ENERGIE DE RECEPTEUR GNSS PAR EXPLOITATION DE SIGNAUX D'OPPORTUNITE POUR PREDIRE UNE DISPONIBILITE GNSS**
[72] WHELAN, DAVID A., US
[72] GUTT, GREGORY M., US
[72] O'CONNOR, MICHAEL L., US
[71] THE BOEING COMPANY, US
[85] 2015-03-17
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[25] EN
[54] **ENZYMES FORMING MESOPOROUS ASSEMBLIES EMBEDDED IN MACROPOROUS SCAFFOLDS**
[54] **ENZYMES FORMANT DES ENSEMBLES MESOPOREUX INTEGRES DANS DES ECHAFAUDAGES MACROPOREUX**
[72] CORGIE, STEPHANE C., US
[72] DUAN, XIAONAN, US
[72] GIANNELIS, EMMANUEL, US
[72] ANESHANSLEY, DANIEL, US
[72] WALKER, LARRY P., US
[71] CORNELL UNIVERSITY, US
[85] 2015-03-19
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[30] US (61/710,110) 2012-10-05
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[51] **Int.Cl. B23K 9/09 (2006.01)**
[25] EN
[54] **DABBING PULSED WELDING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SOUDAGE PULSE PAR TAMPONNEMENT**
[72] DAVIDSON, ROBERT R., US
[72] SCHUH, RICHARD J., US
[72] PALMER, MATTHEW ALEX, US
[71] ILLINOIS TOOL WORKS INC., US
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[87] (WO2014/093147)
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[25] EN
[54] **METHOD OF CONTROLLING THE SPEED OF AN VENTRICULAR ASSIST DEVICE (VAD) AND VENTRICULAR ASSIST DEVICE**
[54] **PROCEDE DE CONTROLE DE LA FREQUENCE D'UN DISPOSITIF D'ASSISTANCE VENTRICULAIRE (VAD) ET DISPOSITIF D'ASSISTANCE VENTRICULAIRE**
[72] GREATREX, NICHOLAS, DE
[72] STEINSEIFER, ULRICH, BE
[71] REINHEART GMBH, DE
[85] 2015-03-20
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[25] EN
[54] **VELIFT**
[54] **FAUTEUIL ROULANT EQUIPE D'UNE GRUE DE LEVAGE AYANT UN MODULE EXTENSIBLE COMPORTANT DES CROIX EN FORME DE X**
[72] DE LA PLACE, MICHEL, CA
[71] 8582106 CANADA LTD, CA
[85] 2015-03-18
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[54] **ADIPOSE TISSUE CELLS**
[54] **CELLULES DE TISSU ADIPEUX**
[72] TARUNINA, MARINA, GB
[72] CHOO, YEN, GB
[72] MYLVAGANAM, JEYAKUMAR, GB
[72] WATSON, THOMAS, GB
[72] ROSEELL, MERITXELL, GB
[72] HOOK, LILIAN, GB
[72] HERNANDEZ, DIANA, GB
[71] PLASTICELL LIMITED, GB
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[54] **PRESSURE COOKER**
[54] **AUTOUCISEUR**
[72] TIRUVALLUR, THATAI JAGANNATHAN, IN
[71] TTK PRESTIGE LIMITED, IN
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[86] 2014-01-03 (PCT/IN2014/000008)
[87] (WO2015/037012)
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[13] A1

[51] **Int.Cl. F28D 9/00 (2006.01) F28F 3/08 (2006.01) F28F 3/10 (2006.01)**
[25] EN
[54] **GASKET AND ASSEMBLY**
[54] **JOINT D'ETANCHEITE ET ENSEMBLE**
[72] HEDBERG, MAGNUS, SE
[72] NILSSON, JOHAN, SE
[71] ALFA LAVAL CORPORATE AB, SE
[85] 2015-03-20
[86] 2013-05-27 (PCT/EP2013/060875)
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[51] **Int.Cl. C10L 5/44 (2006.01) C10L 5/42 (2006.01) C10L 11/04 (2006.01)**
[25] EN
[54] **ORGANIC FUEL PRODUCTS AND FIRE STARTERS**
[54] **PRODUITS COMBUSTIBLES ET ALLUME-FEU D'ORIGINE ORGANIQUE**
[72] RICHEY, MICHAEL F., US
[71] RICHEY, MICHAEL F., US
[71] EAGLE VALLEY SYSTEMS INC., US
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[86] 2013-01-15 (PCT/US2013/021563)
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[51] **Int.Cl. B23K 3/06 (2006.01) B22D 19/10 (2006.01) B23P 6/00 (2006.01) H05B 6/32 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR JOINING MATERIALS**
[54] **PROCEDES ET SYSTEMES POUR UNIR DES MATERIAUX**
[72] ZHAO, QI, US
[72] ZABALA, ROBERT JOHN, US
[72] CRETEGNY, LAURENT, US
[72] SCHOONOVER, JEFFREY JON, US
[72] MEYER, MARK KEVIN, US
[72] LAURIA, KEITH ANTHONY, US
[72] CATLIN, WILLIAM R., US
[71] GENERAL ELECTRIC COMPANY, US
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[87] (WO2014/051919)
[30] US (13/630,874) 2012-09-28

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[13] A1

[51] **Int.Cl. C09K 8/508 (2006.01) E21B 23/06 (2006.01) E21B 29/10 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **IN SITU POLYMERIZATION FOR COMPLETIONS SEALING OR REPAIR**
[54] **POLYMERISATION IN SITU DESTINEE A UNE ETANCHEITE OU A UNE REPARATION DE COMPLETION**
[72] GODFREY, MATTHEW, US
[72] ROBISSON, AGATHE, US
[72] KATS, ROMAN, US
[72] ROWATT, JOHN DAVID, US
[72] MUSSO, SIMONE, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2015-03-19
[86] 2013-09-19 (PCT/US2013/060524)
[87] (WO2014/047237)
[30] US (61/704,244) 2012-09-21
[30] US (61/704,251) 2012-09-21
[30] US (14/030,819) 2013-09-18

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[13] A1

[51] **Int.Cl. F16C 33/10 (2006.01)**
[25] EN
[54] **JOURNAL BEARING AND METHOD OF FACILITATING HYDRODYNAMIC OIL FLOW, LOAD CAPACITY AND OPTIMIZATION OF BEARING PERFORMANCE**

[54] **PALIER LISSE ET PROCEDE PERMETTANT DE FACILITER L'ECOULEMENT D'HUILE HYDRODYNAMIQUE, CAPACITE DE CHARGE ET OPTIMISATION DE LA PERFORMANCE DU PALIER**

[72] GHANIME, GEORGE HANNA, US
[72] HALLMAN, DARREN LEE, US
[72] TWIST, CHRISTINA PAIGE, US
[71] GENERAL ELECTRIC COMPANY, US

[85] 2015-03-19
[86] 2013-09-09 (PCT/US2013/058697)
[87] (WO2014/051972)
[30] US (13/630,116) 2012-09-28

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[13] A1

[51] **Int.Cl. G01G 19/14 (2006.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR PREEMPTIVELY DETERMINING A LOAD WEIGHT FOR MINING EXCAVATION EQUIPMENT**

[54] **PROCEDE ET SYSTEME DE DETERMINATION PREEMPTIVE D'UN POIDS DE CHARGE POUR UN EQUIPEMENT D'EXCAVATION MINIERE**

[72] FUREM, KENNETH, US
[72] ROBERTSON, DANIEL W., US
[72] JAEGER, JULIAN D., US
[71] SIEMENS INDUSTRY, INC., US

[85] 2015-03-19
[86] 2013-09-19 (PCT/US2013/060525)
[87] (WO2014/047238)
[30] US (61/704,110) 2012-09-21
[30] US (13/919,020) 2013-06-17

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[13] A1

[51] **Int.Cl. C23C 4/00 (2006.01) F01D 5/18 (2006.01) F01D 5/28 (2006.01) F01D 9/04 (2006.01)**

[25] EN
[54] **METHOD FOR MANUFACTURING A TURBINE ASSEMBLY**

[54] **PROCEDE DE FABRICATION D'UN ENSEMBLE TURBINE**

[72] MUGGLESTONE, JONATHAN, GB
[71] SIEMENS AKTIENGESELLSCHAFT, DE

[85] 2015-03-19
[86] 2013-08-23 (PCT/EP2013/067527)
[87] (WO2014/053272)
[30] EP (12187429.1) 2012-10-05

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[13] A1

[51] **Int.Cl. G01N 27/02 (2006.01) G01F 23/24 (2006.01) G01N 27/22 (2006.01) G01N 33/28 (2006.01)**

[25] EN
[54] **SYSTEMS AND METHODS FOR MEASURING AN INTERFACE LEVEL IN A MULTI-PHASE FLUID COMPOSITION**

[54] **SYSTEMES ET PROCEDES DE MESURE DE NIVEAU D'INTERFACE DANS UNE COMPOSITION DE FLUIDE MULTI-PHASE**

[72] MORRIS, WILLIAM GUY, US
[72] SURMAN, CHERYL MARGARET, US
[72] POTYRAILO, RADISLAV A., US
[72] GO, STEVEN, US
[72] PLATT, WILLIAM CHESTER, US
[72] DIERINGER, JON ALBERT, US
[71] GENERAL ELECTRIC COMPANY, US

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[87] (WO2014/051985)
[30] US (13/630,739) 2012-09-28

[21] **2,885,560**
[13] A1

[51] **Int.Cl. A61K 31/198 (2006.01) A61K 9/16 (2006.01) A61K 9/48 (2006.01) A61K 31/195 (2006.01)**

[25] EN
[54] **METHODS FOR IMPROVING THYROID FUNCTION IN HEALTHY HUMANS**

[54] **PROCEDES D'AMELIORATION DES FONCTIONS DE LA THYROIDE CHEZ DES ETRES HUMAINS EN BONNE SANTE**

[72] HEATON, AMY L., US
[72] FRIEDLANDER, MITCHELL K., US
[72] GAY, DENNIS W., US
[71] QUALITY IP HOLDINGS, LLC, US

[85] 2015-03-19
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[87] (WO2014/047314)
[30] US (13/623,116) 2012-09-20

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[13] A1

[51] **Int.Cl. H01C 7/12 (2006.01) H02H 9/04 (2006.01)**

[25] EN
[54] **LINE ARRESTER**

[54] **PARAFOUDRE DE LIGNE**

[72] SULITZE, MARKUS, DE
[72] GOTTSCHALK, INGO, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE

[85] 2015-03-19
[86] 2013-09-05 (PCT/EP2013/068341)
[87] (WO2014/044542)
[30] EP (12185493.9) 2012-09-21

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[13] A1

[51] **Int.Cl. A61K 31/198 (2006.01) A61K 9/14 (2006.01) A61K 31/195 (2006.01)**

[25] EN
[54] **METHODS FOR IMPROVING LINEAR GROWTH RESPONSE IN CHILDREN**

[54] **METHODES POUR AMELIORER UNE REPOSE DE CROISSANCE LINEAIRE CHEZ L'ENFANT**

[72] HEATON, AMY L., US
[72] FRIEDLANDER, MITCHELL K., US
[72] GAY, DENNIS W., US
[71] QUALITY IP HOLDINGS, LLC, US

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[86] 2013-09-19 (PCT/US2013/060664)
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[30] US (13/623,096) 2012-09-19

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[13] A1

[51] **Int.Cl. H04N 13/04 (2006.01) G02B 27/22 (2006.01)**
[25] EN
[54] **STEREOSCOPIIC DISPLAYS WITH ADDRESSABLE FOCUS CUES**
[54] **DISPOSITIFS D'AFFICHAGE STEREOSCOPIQUES AYANT DES REPERES DE FOYER POUVANT ETRE ADRESSES**
[72] HUA, HONG, US
[72] HU, XINDA, US
[71] THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
[85] 2015-03-19
[86] 2013-10-17 (PCT/US2013/065422)
[87] (WO2014/062912)
[30] US (61/795,500) 2012-10-18

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[13] A1

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[25] EN
[54] **NOVEL RIG-I LIGANDS AND METHODS FOR PRODUCING THEM**
[54] **NOUVEAUX LIGANDS DE RIG-I ET LEURS PROCEDES DE PRODUCTION**
[72] GOLDECK, MARION, DE
[72] VAN DEN BOORN, JASPER, DE
[72] LUDWIG, JANOS, DE
[72] SCHUBERTH-WAGNER, CHRISTINE, DE
[71] RHEINISCHE FRIEDRICH-WILHELMS-UNIVERSITAT BONN, DE
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[86] 2013-09-26 (PCT/EP2013/070117)
[87] (WO2014/049079)
[30] EP (12186444.1) 2012-09-27

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[13] A1

[51] **Int.Cl. A61K 31/198 (2006.01) A61K 9/14 (2006.01) A61K 31/195 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR INCREASING HUMAN GROWTH HORMONE LEVELS**
[54] **COMPOSITIONS ET METHODES POUR AUGMENTER LES NIVEAUX D'HORMONE DE CROISSANCE HUMAINE**
[72] HEATON, AMY L., US
[72] FRIEDLANDER, MITCHELL K., US
[72] GAY, DENNIS W., US
[71] QUALITY IP HOLDINGS, LLC, US
[85] 2015-03-19
[86] 2013-09-19 (PCT/US2013/060669)
[87] (WO2014/047321)
[30] US (13/623,118) 2012-09-20
[30] US (13/623,117) 2012-09-20
[30] US (13/623,114) 2012-09-20
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[13] A1

[51] **Int.Cl. A61N 5/06 (2006.01) A61F 7/00 (2006.01)**
[25] EN
[54] **STRETCH MARK REMOVAL DEVICE**
[54] **DISPOSITIF D'ELIMINATION DE VERGETURES**
[72] DOWNS, RONALD K., US
[71] THE CENTRE, P.C., US
[85] 2015-03-19
[86] 2013-09-19 (PCT/US2013/060693)
[87] (WO2014/047332)
[30] US (13/623,773) 2012-09-20

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[13] A1

[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **A FOOD PREPARATION SYSTEM**
[54] **SYSTEME DE PREPARATION D'ALIMENTS**
[72] YOAKIM, ALFRED, CH
[72] TALON, CHRISTIAN, CH
[72] DENISART, JEAN-LUC, CH
[72] NEUROHR, DAMIEN, CH
[71] NESTEC S.A., CH
[85] 2015-03-20
[86] 2013-10-17 (PCT/EP2013/071798)
[87] (WO2014/063998)
[30] EP (12189875.3) 2012-10-25

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[13] A1

[51] **Int.Cl. A61K 31/198 (2006.01) A61K 9/14 (2006.01) A61K 31/195 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING POST-TRAUMATIC STRESS DISORDER**
[54] **PROCEDES DE TRAITEMENT DU TROUBLE DE STRESS POST TRAUMATIQUE**
[72] HEATON, AMY L., US
[72] FRIEDLANDER, MITCHELL K., US
[72] GAY, DENNIS W., US
[71] QUALITY IP HOLDINGS, LLC, US
[85] 2015-03-19
[86] 2013-09-19 (PCT/US2013/060672)
[87] (WO2014/047323)
[30] US (13/623,097) 2012-09-19
[30] US (13/623,101) 2012-09-19

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[13] A1

[51] **Int.Cl. G01N 27/62 (2006.01) H01J 49/16 (2006.01)**
[25] EN
[54] **CLEANING OF CORONA DISCHARGE ION SOURCE**
[54] **NETTOYAGE DE SOURCE IONIQUE DE DECHARGE CORONA**
[72] EASTON, MATT, GB
[72] TAYLOR, STEPHEN, GB
[72] GRANT, BRUCE, GB
[72] MCINTYRE, HENRY, GB
[72] CLARK, ALASTAIR, GB
[71] SMITHS DETECTION-WATFORD LIMITED, GB
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[86] 2013-09-20 (PCT/GB2013/052469)
[87] (WO2014/045051)
[30] US (61/704,031) 2012-09-21

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[13] A1

[51] **Int.Cl. C08G 59/18 (2006.01) B01J 31/00 (2006.01) C08K 5/06 (2006.01) C08K 5/16 (2006.01) C08L 63/00 (2006.01) C08L 101/00 (2006.01)**

[25] EN

[54] **SUPRAMOLECULAR INITIATOR FOR LATENT CATIONIC EPOXY POLYMERIZATION**

[54] **INITIATEUR SUPRAMOLECULAIRE POUR POLYMERISATION CATIONIQUE LATENTE D'EPOXY**

[72] VIDIL, THOMAS, FR

[72] TOURNILHAC, FRANCOIS-GENES, FR

[72] LEIBLER, LUDWIK, FR

[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2015-03-19

[86] 2013-08-20 (PCT/US2013/055663)

[87] (WO2014/046828)

[30] US (61/704,234) 2012-09-21

[30] US (13/964,878) 2013-08-12

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[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/55 (2006.01) C07D 243/18 (2006.01) C07D 243/26 (2006.01) C07F 9/38 (2006.01)**

[25] EN

[54] **BIS(FLUOROALKYL)-1,4-BENZODIAZEPINONE COMPOUNDS AS NOTCH INHIBITORS**

[54] **COMPOSES BIS(FLUOROALKYL)-1,4-BENZODIAZEPINONES EN TANT QU'INHIBITEURS DE NOTCH**

[72] GAVAI, ASHVINIKUMAR V., US

[72] DELUCCA, GEORGE V., US

[72] O'MALLEY, DANIEL, US

[72] GILL, PATRICE, US

[72] QUESNELLE, CLAUDE A., US

[72] FINK, BRIAN E., US

[72] ZHAO, YUFEN, US

[72] LEE, FRANCIS Y., US

[71] BRISTOL-MYERS SQUIBB COMPANY, US

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[86] 2013-09-20 (PCT/US2013/060790)

[87] (WO2014/047372)

[30] US (61/703,912) 2012-09-21

[21] **2,885,576**
[13] A1

[51] **Int.Cl. C12N 5/07 (2010.01) A61K 48/00 (2006.01) C12N 5/02 (2006.01)**

[25] EN

[54] **GENERATING PLURIPOTENT CELLS DE NOVO**

[54] **GENERATION DE NOVO DE CELLULES PLURIPOTENTES**

[72] VACANTI, CHARLES A., US

[72] VACANTI, MARTIN P., US

[72] KOJIMA, KOJI, US

[72] OBOKATA, HARUKO, JP

[72] WAKAYAMA, TERUHIKO, JP

[72] SASAI, YOSHIKI, JP

[72] YAMATO, MASAYUKI, JP

[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US

[71] RIKEN, JP

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[86] 2013-04-24 (PCT/US2013/037996)

[87] (WO2013/163296)

[30] US (61/637,631) 2012-04-24

[30] US (61/779,533) 2013-03-13

[21] **2,885,577**
[13] A1

[51] **Int.Cl. A47C 7/36 (2006.01)**

[25] EN

[54] **A CHAIR AND SUPPORTS**

[54] **CHAISE ET SUPPORTS**

[72] BURWELL, DAMON GREGORY, NZ

[72] YOUNG, AARON MICHAEL, NZ

[72] WILKINSON, PAUL MICHAEL, NZ

[72] BISMAN, CHRISTOPHER WARREN, NZ

[72] MUNRO, STUART GREGORY, NZ

[72] PRIER, JAMES CLIFFORD, NZ

[71] FORMWAY FURNITURE LIMITED, NZ

[85] 2015-03-17

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[87] (WO2014/060910)

[30] US (61/715,044) 2012-10-17

[21] **2,885,579**
[13] A1

[51] **Int.Cl. C01B 31/00 (2006.01) C01B 31/02 (2006.01)**

[25] EN

[54] **CARBON NANOSTRUCTURES AND METHODS FOR MAKING THE SAME**

[54] **NANOSTRUCTURES DE CARBONE ET LEURS PROCEDES DE FABRICATION**

[72] SHAH, TUSHAR K., US

[72] MALECKI, HARRY CHARLES, US

[72] BASANTKUMAR, RAJINEETA RACHEL, US

[72] LIU, HAN, US

[72] FLEISCHER, COREY ADAM, US

[72] SEDLAK, JOSEPH J., US

[72] PATEL, JIGAR M., US

[72] BURGESS, WILLIAM PATRICK, US

[72] GOLDFINGER, JESS MICHAEL, US

[71] APPLIED NANOSTRUCTURED SOLUTIONS, LLC, US

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[87] (WO2014/052664)

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[21] **2,885,581**
[13] A1

[51] **Int.Cl. E21B 34/00 (2006.01) E21B 33/00 (2006.01) E21B 33/13 (2006.01)**

[25] EN

[54] **DOWNHOLE JOINT ASSEMBLY FOR FLOW CONTROL, AND METHOD FOR COMPLETING A WELLBORE**

[54] **REGULATION D'ECOULEMENT DE FOND DE Puits, ENSEMBLE JOINT ET PROCEDE**

[72] YEH, CHARLES S., US

[72] BARRY, MICHAEL D., US

[72] HECKER, MICHAEL T., US

[72] MOFFETT, TRACY J., US

[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US

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[86] 2013-10-11 (PCT/US2013/064674)

[87] (WO2014/066071)

[30] US (61/719,274) 2012-10-26

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[13] A1

[51] **Int.Cl. D21H 17/67 (2006.01) D21H 17/41 (2006.01) D21H 17/63 (2006.01)**
[25] EN
[54] **PREFLOCCULATION OF FILLERS USED IN PAPERMAKING**
[54] **PREFLOCCULATION DE CHARGES UTILISEES DANS LA FABRICATION DE PAPIER**
[72] CHENG, WEIGUO, US
[72] BROADUS, KATHERIN M., US
[72] SMORON, DOROTA, US
[72] WILSON, SHAWNEE M., US
[71] NALCO COMPANY, US
[85] 2015-03-19
[86] 2013-10-18 (PCT/US2013/065732)
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[21] **2,885,583**
[13] A1

[51] **Int.Cl. F01K 23/06 (2006.01) F01K 13/00 (2006.01) F01K 23/08 (2006.01)**
[25] EN
[54] **HYBRID RANKINE CYCLE**
[54] **CYCLE DE RANKINE HYBRIDE**
[72] CLEMENTS, BRUCE R., CA
[72] WU, LIJUN, CA
[72] POMALIS, RICHARD, CA
[72] ZHENG, LIGANG, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES, CA
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[87] (WO2014/194400)
[30] US (61/832,643) 2013-06-07

[21] **2,885,584**
[13] A1

[51] **Int.Cl. B64D 11/06 (2006.01)**
[25] EN
[54] **AIRCRAFT PASSENGER SEATING ARRANGEMENT**
[54] **AGENCEMENT DE SIEGES PASSAGERS D'AVION**
[72] DRYBURGH, IAN HAMILTON, GB
[72] MCKEEVER, JOHN DAVID HENRY, GB
[72] ERSAN, ALI, GB
[71] ACUMEN DESIGN ASSOCIATES LTD, GB
[85] 2015-03-18
[86] 2013-09-26 (PCT/GB2013/052517)
[87] (WO2014/049362)
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[21] **2,885,586**
[13] A1

[51] **Int.Cl. B65D 77/04 (2006.01)**
[25] EN
[54] **PALLET CONTAINER**
[54] **CUVE-PALETTE**
[72] WEYRAUCH, DETLEV, DE
[72] BISCHOFF, SEBASTIAN, DE
[71] MAUSER-WERKE GMBH, DE
[85] 2015-03-19
[86] 2013-09-13 (PCT/EP2013/002753)
[87] (WO2014/044372)
[30] DE (20 2012 009 327.4) 2012-09-21
[30] DE (20 2013 000 624.2) 2013-01-18

[21] **2,885,587**
[13] A1

[51] **Int.Cl. B65D 77/04 (2006.01)**
[25] EN
[54] **PALLET CONTAINER**
[54] **CUVE-PALETTE**
[72] WEYRAUCH, DETLEV, DE
[71] MAUSER-WERKE GMBH, DE
[85] 2015-03-19
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[87] (WO2014/044374)
[30] DE (20 2012 009 326.6) 2012-09-21

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[13] A1

[51] **Int.Cl. B65D 77/04 (2006.01)**
[25] EN
[54] **PALLET CONTAINER**
[54] **CUVE-PALETTE**
[72] WEYRAUCH, DETLEV, DE
[71] MAUSER-WERKE GMBH, DE
[85] 2015-03-19
[86] 2013-09-13 (PCT/EP2013/002764)
[87] (WO2014/044375)
[30] DE (20 2012 009 327.4) 2012-09-21
[30] DE (20 2013 000 624.2) 2013-01-18

[21] **2,885,589**
[13] A1

[51] **Int.Cl. G01R 22/06 (2006.01) H04B 10/25 (2013.01) G01R 21/00 (2006.01) G06K 17/00 (2006.01)**
[25] EN
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[54] **METHODE ET APPAREIL D'ETALONNAGE DE PRISES CA INTELLIGENTES**
[72] ELBERBAUM, DAVID, JP
[71] ELBEX VIDEO LTD., JP
[85] 2015-03-19
[86] 2013-08-27 (PCT/US2013/056733)
[87] (WO2014/065940)
[30] US (13/661,492) 2012-10-26

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[13] A1

[51] **Int.Cl. A61M 1/00 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **NEGATIVE PRESSURE TREATMENT ARRANGEMENT AND FILM FOR PRODUCING A NEGATIVE PRESSURE TREATMENT ARRANGEMENT**
[54] **DISPOSITIF DE TRAITEMENT PAR PRESSION NEGATIVE ET FEUILLE POUR LA REALISATION D'UN DISPOSITIF DE TRAITEMENT PAR PRESSION NEGATIVE**
[72] LOSKE, GUNNAR, DE
[71] LOSKE, GUNNAR, DE
[71] LOHMANN & RAUSCHER GMBH, AT
[85] 2015-03-19
[86] 2013-09-20 (PCT/EP2013/002839)
[87] (WO2014/044400)
[30] DE (102012018598.7) 2012-09-20
[30] DE (102012024001.5) 2012-12-06
[30] DE (102012025388.5) 2012-12-27
[30] DE (102013000047.5) 2013-01-07

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[13] A1

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[25] EN
[54] **SYSTEM AND METHOD OP PILL IDENTIFICATION**
[54] **SYSTEME ET PROCEDE D'IDENTIFICATION DE PILULES**
[72] BROSSETTE, STEPHEN E., US
[72] HYMEL, PATRICK A., US
[71] MEDSNAP, LLC, US
[85] 2014-12-05
[86] 2013-06-06 (PCT/US2013/044462)
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[30] US (13/490,510) 2012-06-07

[21] **2,885,604**
[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **TREATMENT OF DISEASE USING INTER-ALPHA INHIBITOR PROTEINS**
[54] **TRAITEMENT D'UNE MALADIE A L'AIDE DE PROTEINES INTER-ALPHA INHIBITEUR**
[72] LIM, YOW-PIN, US
[72] STONESTREET, BARBARA, US
[71] PROTHERA BIOLOGICS, INC., US
[71] WOMEN & INFANTS HOSPITAL OF RHODE ISLAND, US
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[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7125 (2006.01) A61P 13/12 (2006.01)**
[25] EN
[54] **METHODS FOR TREATMENT OF ALPURT SYNDROME**
[54] **METHODES DE TRAITEMENT DU SYNDROME D'ALPURT**
[72] DUFFIELD, JEREMY, US
[72] BHAT, BALKRISHEN, US
[72] MACKENNA, DEIDRE, US
[71] REGULUS THERAPEUTICS INC., US
[85] 2015-03-16
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[30] US (61/711,514) 2012-10-09
[30] US (61/779,137) 2013-03-13

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[13] A1

[51] **Int.Cl. A01N 25/30 (2006.01)**
[25] EN
[54] **ADJUVANT ADDITIVE AND AGROCHEMICAL COMPOSITION INCLUDING THE SAME**
[54] **ADITIF DE TYPE ADJUVANT ET COMPOSITION AGROCHIMIQUE EN CONTENANT**
[72] BETKE, BRIAN T., US
[72] ZACK, KENNETH L., US
[72] DUROCHER, DAVID T., US
[72] BRASHER, LAURA L., US
[72] UTZ, CHRISTOPHER G., US
[71] BASF SE, DE
[85] 2015-03-19
[86] 2013-09-24 (PCT/US2013/061276)
[87] (WO2014/047602)
[30] US (61/704,755) 2012-09-24

[21] **2,885,607**
[13] A1

[51] **Int.Cl. B26B 21/40 (2006.01) B26B 21/52 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR THE MANUFACTURE OF A RAZOR CARTRIDGE**
[54] **PROCEDE ET SYSTEME POUR LA FABRICATION D'UNE CARTOUCHE DE RASOIR**
[72] DAVOU, VASILEIOS, GR
[72] KOULOURIAS, GEORGIOS, GR
[72] POLYCHRONIDIS, PETROS, GR
[71] BIC-VIOLEX SA, GR
[85] 2015-03-19
[86] 2012-09-26 (PCT/EP2012/068956)
[87] (WO2014/048460)

[21] **2,885,608**
[13] A1

[51] **Int.Cl. B65D 45/32 (2006.01) B65D 3/10 (2006.01) B65D 55/00 (2006.01) B65D 55/02 (2006.01) B65D 55/08 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN SEALABLE CONTAINERS**
[54] **PERFECTIONNEMENTS AUX RECIPIENTS HERMETIQUES**
[72] CARLSON, ARTHUR RICHARD, AU
[72] SAMARTGIS, JIM, AU
[71] THE DECOR CORPORATION PTY. LTD., AU
[85] 2015-03-17
[86] 2013-09-20 (PCT/AU2013/001075)
[87] (WO2014/056016)
[30] AU (2012904142) 2012-09-21
[30] AU (2013902551) 2013-07-11

[21] **2,885,609**
[13] A1

[51] **Int.Cl. B65D 5/00 (2006.01) B65D 5/20 (2006.01) B65D 5/44 (2006.01)**
[25] EN
[54] **ARTICLE-TRANSPORT CONTAINER**
[54] **CONTENEUR DE TRANSPORT D'ARTICLES**
[72] MCLEOD, MICHAEL B., US
[71] TIN INC., US
[85] 2015-03-19
[86] 2013-09-26 (PCT/US2013/061818)
[87] (WO2014/052525)
[30] US (61/705,692) 2012-09-26

[21] **2,885,610**
[13] A1

[51] **Int.Cl. A61M 1/00 (2006.01)**
[25] EN
[54] **WOUND THERAPY DEVICE**
[54] **DISPOSITIF DE THERAPIE DE PLAIE**
[72] JOHANNISON, ULF, SE
[71] MOLNLYCKE HEALTH CARE AB, SE
[85] 2015-03-19
[86] 2013-10-01 (PCT/EP2013/002938)
[87] (WO2014/053232)
[30] EP (12186750.1) 2012-10-01
[30] US (61/708,081) 2012-10-01

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[51] **Int.Cl. G06Q 10/08 (2012.01) G08G 1/127 (2006.01)**
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[54] **DETERMINING REAL-TIME DELAY OF TRANSPORTATION MEANS**
[54] **DETERMINATION EN TEMPS REEL DU RETARD D'UN MOYEN DE TRANSPORT**
[72] MARAFIOTI, VINCENZO, FR
[72] CORDESSES, JOEL, FR
[72] SAVORNIN, RICHARD, FR
[71] AMADEUS S.A.S., FR
[85] 2015-03-19
[86] 2013-12-16 (PCT/EP2013/003800)
[87] (WO2014/095029)
[30] EP (12 290 452.7) 2012-12-20
[30] US (13/722,441) 2012-12-20

[21] **2,885,612**
[13] A1

[51] **Int.Cl. F16K 1/36 (2006.01) F16K 1/48 (2006.01) F16K 1/50 (2006.01)**
[25] EN
[54] **SLAM SHUT SAFETY DEVICE HAVING DISC ANTI-ROTATION**
[54] **DISPOSITIF DE SECURITE A FERMETURE RAPIDE ET ANTI-ROTATION DE DISQUE**
[72] SANDERS, JEFFREY MICHAEL, US
[72] NGUYEN, TUNG KIM, US
[72] MOLDOVAN, CRISTIAN-TIBERIU, RO
[72] ALEXANDRU-VLAD, ROMAN, RO
[72] MOLDOVAN, TIBERIU, RO
[71] EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC., US
[85] 2015-03-18
[86] 2013-09-26 (PCT/US2013/061807)
[87] (WO2014/052522)
[30] US (61/706,585) 2012-09-27

[21] **2,885,613**
[13] A1

[51] **Int.Cl. A41B 9/00 (2006.01) A41D 1/08 (2006.01)**
[25] EN
[54] **AN UNDERGARMENT**
[54] **SOUS-VETEMENT**
[72] BRADY, YVONNE ANNE, IE
[71] EVB SPORTS SHORTS LIMITED, IE
[85] 2015-03-19
[86] 2013-09-20 (PCT/EP2013/069644)
[87] (WO2014/044831)
[30] IE (S2012/0416) 2012-09-21

[21] **2,885,614**
[13] A1

[51] **Int.Cl. A61F 2/40 (2006.01)**
[25] EN
[54] **SHOULDER IMPLANT SYSTEM**
[54] **SYSTEME D'IMPLANT D'EPAULE**
[72] PHIPPS, JAMES P., US
[71] ZIMMER, INC., US
[85] 2015-03-18
[86] 2013-09-18 (PCT/US2013/060371)
[87] (WO2014/047155)
[30] US (61/704,134) 2012-09-21

[21] **2,885,615**
[13] A1

[51] **Int.Cl. F16K 1/36 (2006.01) F16K 1/48 (2006.01) F16K 1/50 (2006.01)**
[25] EN
[54] **SLAM SHUT SAFETY DEVICE HAVING DISC ARRESTOR ASSEMBLY**
[54] **DISPOSITIF DE SECURITE A FERMETURE RAPIDE AYANT UN ENSEMBLE D'ARRET DE DISQUE**
[72] SANDERS, JEFFREY MICHAEL, US
[72] NGUYEN, TUNG KIM, US
[72] MOLDOVAN, CRISTIAN-TIBERIU, RO
[72] ALEXANDRU-VLAD, ROMAN, RO
[71] EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC., US
[85] 2015-03-18
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[87] (WO2014/052523)
[30] US (61/706,429) 2012-09-27

[21] **2,885,616**
[13] A1

[51] **Int.Cl. G02B 17/08 (2006.01) G02B 5/09 (2006.01) G02B 23/02 (2006.01) G02B 23/04 (2006.01) G02B 23/06 (2006.01)**
[25] EN
[54] **TELESCOPE, COMPRISING A SPHERICAL PRIMARY MIRROR, WITH WIDE FIELD OF VIEW AND HIGH OPTICAL RESOLUTION**
[54] **TELESCOPE COMPRENANT UN MIROIR PRINCIPAL SPHERIQUE, A GRAND CHAMP DE VISION ET A HAUTE RESOLUTION OPTIQUE**
[72] CHIARINI, MARCO, IT
[72] CIBIN, LORENZO, IT
[72] RAGAZZONI, ROBERTO, IT
[71] CGS SPA COMPAGNIA GENERALE PER LO SPAZIO, IT
[85] 2015-03-17
[86] 2013-09-19 (PCT/EP2013/069417)
[87] (WO2014/048820)
[30] IT (CS2012A000034) 2012-09-28
[30] IT (CS2013A000022) 2013-08-29

[21] **2,885,617**
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/022 (2006.01) A61B 5/024 (2006.01)**
[25] EN
[54] **A DEVICE FOR MEASURING BRACHIAL BLOOD PRESSURE IN AN INDIVIDUAL**
[54] **DISPOSITIF POUR MESURER LA PRESSION SANGUINE BRACHIALE CHEZ UN INDIVIDU**
[72] MURRAY, DERMOT JEROME, IE
[71] BP ALERT LIMITED, IE
[85] 2015-03-19
[86] 2013-09-24 (PCT/EP2013/069864)
[87] (WO2014/048924)
[30] EP (PCT/EP2012/069167) 2012-09-28

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[21] **2,885,618**
[13] A1

[51] **Int.Cl. A45D 1/04 (2006.01) A45D 1/18 (2006.01) A45D 2/36 (2006.01) A45D 20/48 (2006.01)**

[25] EN

[54] **INDUCTION HEATED HAIR STYLING APPLIANCES AND THE HEATING UNIT THEREFOR**

[54] **APPAREILS DE COIFFURE CHAUFFES PAR INDUCTION ET UNITE DE CHAUFFAGE POUR CES DERNIERS**

[72] TOH, KOK SWEE, SG

[71] TAI WAH DISTRIBUTORS PTE LTD, SG

[85] 2015-03-17

[86] 2013-08-21 (PCT/SG2013/000358)

[87] (WO2014/046613)

[30] SG (201206925-8) 2012-09-18

[30] SG (201209492-6) 2012-12-21

[21] **2,885,619**
[13] A1

[51] **Int.Cl. A61K 9/10 (2006.01) A61K 31/192 (2006.01) A61K 47/32 (2006.01) A61P 23/02 (2006.01) A61P 25/06 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **TOPICAL KETOPROFEN COMPOSITION**

[54] **COMPOSITION TOPIQUE A BASE DE KETOPROFENE**

[72] BUYUKTIMKIN, SERVET, US

[72] BUYUKTIMKIN, NADIR, US

[72] YEAGER, JAMES L., US

[71] ACHELIOS THERAPEUTICS, INC., US

[85] 2015-03-19

[86] 2013-09-24 (PCT/US2013/061403)

[87] (WO2014/052313)

[30] US (61/706,163) 2012-09-27

[30] US (13/826,706) 2013-03-14

[21] **2,885,622**
[13] A1

[51] **Int.Cl. B02C 18/06 (2006.01) B02C 18/16 (2006.01)**

[25] EN

[54] **MATERIAL REDUCTION APPARATUS AND METHODS OF USE**

[54] **APPAREIL DE REDUCTION DE MATIERES ET PROCEDES D'UTILISATION**

[72] JACKO, MICHAEL SCOT, US

[72] VAN BUYNDER, LUC, BE

[72] RUST, RYAN ANDREW, US

[71] URSCHEL LABORATORIES, INC., US

[85] 2015-03-19

[86] 2013-10-02 (PCT/US2013/063041)

[87] (WO2014/055633)

[30] US (61/708,693) 2012-10-02

[30] US (14/043,426) 2013-10-01

[21] **2,885,623**
[13] A1

[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/16 (2006.01) A61K 9/48 (2006.01) A61K 9/70 (2006.01) A61K 47/30 (2006.01) A61K 47/36 (2006.01)**

[25] EN

[54] **ORAL PREPARATION AND METHOD FOR PRODUCING THE SAME**

[54] **PREPARATION ORALE ET SON PROCEDE DE FABRICATION**

[72] LEE, JONG HWI, KR

[72] LEE, HYE SEUNG, KR

[72] LEE, MIN KYUNG, KR

[72] BAE, HARIM, KR

[72] KIM, YOU JIN, KR

[72] AN, SU YEONG, KR

[72] YEOM, JONG SEOK, KR

[72] SHIN, DONG RYOUL, KR

[72] JUNG, SEUNG HWAN, KR

[72] SONG, HYUN JOO, KR

[71] CHUNG-ANG UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION, KR

[85] 2015-03-18

[86] 2012-09-20 (PCT/KR2012/007514)

[87] (WO2014/046312)

[30] KR (10-2012-0103922) 2012-09-19

[21] **2,885,624**
[13] A1

[51] **Int.Cl. A61C 7/08 (2006.01) A61F 5/56 (2006.01)**

[25] EN

[54] **MANDIBULAR PROTRUSION DEVICE**

[54] **DISPOSITIF DE PROPULSION MANDIBULAIRE**

[72] MIQUEL, FLORENT, CA

[71] PANTHERA DENTAL INC., CA

[85] 2015-03-19

[86] 2013-09-24 (PCT/CA2013/050726)

[87] (WO2014/043817)

[30] CA (2791139) 2012-09-24

[21] **2,885,625**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61K 39/095 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01)**

[25] EN

[54] **NONLINEAR SACCHARIDE CONJUGATES**

[54] **CONJUGUES SACCHARIDIQUES NON LINEAIRES**

[72] BERTI, FRANCESCO, IT

[72] BROGIONI, GIULIA, IT

[72] COSTANTINO, PAOLO, IT

[72] DEL GIUDICE, GIUSEPPE, IT

[72] ROMANO, MARIA, IT

[71] GLAXOSMITHKLINE BIOLOGICALS S.A., BE

[85] 2015-03-19

[86] 2013-10-02 (PCT/EP2013/070496)

[87] (WO2014/053521)

[30] US (61/709,093) 2012-10-02

[21] **2,885,627**
[13] A1

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

[25] EN

[54] **FLUORINATED POLYMERIZABLE COMPOUND**

[54] **COMPOSE POLYMERISABLE FLUORE**

[72] NIEDERMAIR, FABIAN, DE

[72] STEIDL, NORBERT, DE

[72] WALTHER, BURKHARD, DE

[72] WOLFERTSTETTER, FRANZ, DE

[71] BASF SE, DE

[85] 2015-03-19

[86] 2013-10-04 (PCT/EP2013/070711)

[87] (WO2014/053636)

[30] EP (12187200.6) 2012-10-04

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[21] **2,885,629**
[13] A1

[51] **Int.Cl. B24D 9/00 (2006.01) C09C 1/68 (2006.01) C09K 3/14 (2006.01)**

[25] EN

[54] **HAND-HELD CONFORMABLE SANDING BLOCK**

[54] **BLOC DE PONCAGE CONFORMABLE PORTATIF**

[72] LIN, BANG FANG, CN

[71] TRADE ASSOCIATES, INC., US

[85] 2015-03-19

[86] 2013-10-02 (PCT/US2013/063098)

[87] (WO2014/055669)

[30] US (61/709,048) 2012-10-02

[30] US (14/044,567) 2013-10-02

[21] **2,885,630**
[13] A1

[51] **Int.Cl. G05D 1/02 (2006.01)**

[25] EN

[54] **SELF TRACKING SYSTEM AND ITS OPERATION METHOD**

[54] **SYSTEME DE SUIVI AUTOMATIQUE ET SON PROCEDE D'EXPLOITATION**

[72] INACIO DE MATOS, LUIS CARLOS, PT

[72] GUERRA DE ARAUJO, PEDRO JOSE, PT

[72] FERRO MARTINS, DAVID JOSE, PT

[72] CRUZ PONCIANO, RICARDO SAMUEL, PT

[72] DOS SANTOS NASCIMENTO, PEDRO MANUEL, PT

[72] GONCALVES ADAIXO, MICHAEL CARLOS, PT

[72] NEVES GOULAO, VITOR EMANUEL, PT

[72] CORREIA FIGUEIRA, ANA RAQUEL, PT

[72] FRAGOSO MENDES GARDETE CORREIA, LUIS RODRIGO, PT

[71] FOLLOW INSPIRATION UNIPESOAL, LDA., PT

[85] 2015-03-19

[86] 2013-09-19 (PCT/IB2013/058672)

[87] (WO2014/045225)

[30] PT (106542) 2012-09-19

[21] **2,885,631**
[13] A1

[51] **Int.Cl. C10B 29/00 (2006.01) C10B 21/18 (2006.01)**

[25] EN

[54] **REDUCED OUTPUT RATE COKE OVEN OPERATION WITH GAS SHARING PROVIDING EXTENDED PROCESS CYCLE**

[54] **FONCTIONNEMENT D'UN FOUR A COKE A DEBIT DE SORTIE REDUIT AVEC UN PARTAGE DE GAZ FOURNISSANT UN CYCLE DE TRAITEMENT PROLONGE**

[72] QUANCI, JOHN FRANCIS, US

[72] BALL, MARK ANTHONY, US

[72] SEATON, ASHLEY NICOLE, US

[71] SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC., US

[85] 2015-03-19

[86] 2012-12-28 (PCT/US2012/072169)

[87] (WO2014/046701)

[30] US (61/704,389) 2012-09-21

[21] **2,885,632**
[13] A1

[51] **Int.Cl. B29C 70/44 (2006.01)**

[25] EN

[54] **COMPLIANT LAYER FOR MATCHED TOOL MOLDING OF UNEVEN COMPOSITE PREFORMS**

[54] **COUCHE SOUPLE POUR UN MOULAGE D'OUTILS APPARIES DE PREFORMES A BASE DE COMPOSITES IRREGULIERS**

[72] MATSEN, MARC R., US

[72] CARTER, ERIKA L., US

[72] GEORGE, PETE E., US

[71] THE BOEING COMPANY, US

[85] 2015-03-19

[86] 2013-07-24 (PCT/US2013/051873)

[87] (WO2014/046781)

[30] US (13/625,598) 2012-09-24

[21] **2,885,634**
[13] A1

[51] **Int.Cl. G06F 19/24 (2011.01) C12Q 1/68 (2006.01) G01N 33/50 (2006.01) G01N 33/68 (2006.01) C12N 15/09 (2006.01)**

[25] EN

[54] **DEVICE FOR DETECTING A DYNAMICAL NETWORK BIOMARKER, METHOD FOR DETECTING SAME, AND PROGRAM FOR DETECTING SAME**

[54] **DISPOSITIF DE DETECTION D'UN BIOMARQUEUR DE RESEAU DYNAMIQUE, PROCEDE DE DETECTION ET PROGRAMME DE DETECTION**

[72] AIHARA, KAZUYUKI, JP

[72] CHEN, LUONAN, JP

[72] LIU, RUI, JP

[72] LIU, ZHIPING, CN

[72] LI, MEIYI, CN

[71] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP

[85] 2015-03-19

[86] 2013-02-12 (PCT/JP2013/053188)

[87] (WO2014/050160)

[30] JP (2012-211921) 2012-09-26

[21] **2,885,635**
[13] A1

[51] **Int.Cl. E21B 43/24 (2006.01) C10G 1/00 (2006.01)**

[25] EN

[54] **GEOHERMAL PYROLYSIS PROCESS AND SYSTEM**

[54] **PROCEDE ET SYSTEME DE PYROLYSE GEOHERMIQUE**

[72] SELDNER, JOSHUA, US

[71] SELDNER, JOSHUA, US

[85] 2015-03-19

[86] 2013-08-01 (PCT/US2013/053130)

[87] (WO2014/046786)

[30] US (61/703,056) 2012-09-19

[30] US (61/720,699) 2012-10-31

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[21] **2,885,637**
[13] A1

[51] **Int.Cl. G02B 6/38 (2006.01)**
[25] EN
[54] **SMALL FORM FACTOR FIELD INSTALLABLE OUTSIDE PLANT CONNECTOR HOUSING**
[54] **BOITIER DE CONNECTEUR D'INSTALLATION EXTERIEURE POUVANT ETRE INSTALLE SUR SITE A FAIBLE FACTEUR DE FORME**
[72] KIMBRELL, EDDIE, US
[72] TURNER, CHUCK, US
[72] POLIDAN, STEVE, US
[72] LICHOUAS, TED, US
[71] AFL TELECOMMUNICATIONS LLC, US
[85] 2015-03-19
[86] 2013-10-21 (PCT/US2013/065933)
[87] (WO2014/063154)
[30] US (61/716,003) 2012-10-19

[21] **2,885,639**
[13] A1

[51] **Int.Cl. H01T 13/08 (2006.01) F02P 3/01 (2006.01) F02P 23/04 (2006.01) H01T 13/44 (2006.01) H01T 13/50 (2006.01)**
[25] EN
[54] **CORONA IGNITER WITH GAS-TIGHT HF PLUG CONNECTOR**
[54] **SYSTEME D'ALLUMAGE A EFFET CORONA EQUIPE D'UN CONNECTEUR HF ETANCHE AUX GAZ**
[72] STIFEL, TIMO, DE
[72] ZEBHAUSER, MARTIN, DE
[72] LANKES, WOLFGANG, DE
[71] BORGWARNER LUDWIGSBURG GMBH, DE
[71] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
[85] 2015-03-19
[86] 2013-10-07 (PCT/EP2013/070790)
[87] (WO2014/056826)
[30] DE (10 2012 109 762.3) 2012-10-12

[21] **2,885,640**
[13] A1

[51] **Int.Cl. B65D 77/02 (2006.01) B65D 5/42 (2006.01) B65D 83/08 (2006.01)**
[25] EN
[54] **METHODS OF PROVIDING PACKAGES OF WET WIPES WITH IMPROVED WETNESS GRADIENTS, AND ASSOCIATED PRODUCT**
[54] **PROCEDES DE FOURNITURE DE PAQUETS DE LINGETTES HUMIDES AYANT DES GRADIENTS D'HUMIDITE AMELIORES ET PRODUIT ASSOCIE**
[72] HAILEY, KERRI CRAIN, US
[72] WHITE, JEFFREY STEVEN, US
[72] MINUTILLO, LUCA, IT
[72] SNIDER, LUKE ANTHONY, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-03-19
[86] 2013-09-13 (PCT/US2013/059569)
[87] (WO2014/046967)
[30] US (13/622,586) 2012-09-19

[21] **2,885,642**
[13] A1

[51] **Int.Cl. H04N 19/597 (2014.01)**
[25] EN
[54] **IMAGE PROCESSING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D'IMAGE**
[72] TAKAHASHI, YOSHITOMO, JP
[71] SONY CORPORATION, JP
[85] 2015-03-19
[86] 2013-09-19 (PCT/JP2013/075226)
[87] (WO2014/050675)
[30] JP (2012-218304) 2012-09-28

[21] **2,885,643**
[13] A1

[51] **Int.Cl. C04B 2/00 (2006.01) C04B 7/00 (2006.01) C04B 7/34 (2006.01)**
[25] EN
[54] **SYNTHETIC MICROPARTICLES**
[54] **MICROPARTICULES SYNTHETIQUES**
[72] PHAM, THINH, US
[72] NATARAJAN, NANDAKUMAR, US
[71] JAMES HARDIE TECHNOLOGY LIMITED, IE
[85] 2015-03-19
[86] 2013-10-31 (PCT/US2013/067861)
[87] (WO2014/071068)
[30] US (61/722,067) 2012-11-02

[21] **2,885,645**
[13] A1

[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/506 (2006.01) A61P 7/00 (2006.01) A61P 9/00 (2006.01) A61P 15/00 (2006.01)**
[25] EN
[54] **SGC STIMULATORS**
[54] **STIMULATEURS DE SGC**
[72] NAKAI, TAKASHI, US
[72] PERL, NICHOLAS ROBERT, US
[72] MOORE, JOEL, US
[71] IRONWOOD PHARMACEUTICALS, INC., US
[85] 2015-03-19
[86] 2013-09-19 (PCT/US2013/060680)
[87] (WO2014/047325)
[30] US (61/703,114) 2012-09-19

[21] **2,885,647**
[13] A1

[51] **Int.Cl. A61F 2/40 (2006.01) A61F 2/30 (2006.01)**
[25] EN
[54] **SYSTEM FOR REVERSE SHOULDER IMPLANTS**
[54] **SYSTEME POUR IMPLANTS D'EPAULE INVERSES**
[72] DERANSART, PIERRIC, FR
[72] GABORIT, VINCENT, FR
[72] MARONEY, BRIAN, US
[72] HODOREK, BRIAN C., US
[72] GARGAC, SHAWN, US
[72] BOILEAU, PASCAL, FR
[72] WALCH, GILLES, FR
[72] FAVARD, LUC, FR
[72] CLAVERT, PHILIPPE, FR
[72] SIRVEAUX, FRANCOIS, FR
[72] KELLY, JAMES, US
[72] KRISHNAN, SUMANT, US
[72] MOLE, DANIEL, FR
[72] COMTE, CEDRIC, FR
[72] RUNDSTADLER, ERIC, FR
[72] MONDI, FRANCOIS, FR
[71] TORNIER ORTHOPEDICS IRELAND LTD., IE
[85] 2015-03-19
[86] 2013-10-29 (PCT/EP2013/072634)
[87] (WO2014/067961)
[30] US (61/719,835) 2012-10-29

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[21] **2,885,650**
[13] A1

[51] **Int.Cl. F04D 29/16 (2006.01) F01D 11/12 (2006.01) F04D 29/52 (2006.01)**
[25] FR
[54] **TURBOMACHINE CASING AND IMPELLER**
[54] **CARTER ET ROUE A AUBES DE TURBOMACHINE**
[72] PERROT, VINCENT PAUL
GABRIEL, FR
[72] COCHON, SEBASTIEN, FR
[71] SNECMA, FR
[85] 2015-03-19
[86] 2013-09-19 (PCT/FR2013/052172)
[87] (WO2014/049239)
[30] FR (1258959) 2012-09-25

[21] **2,885,651**
[13] A1

[51] **Int.Cl. A01M 23/20 (2006.01)**
[25] EN
[54] **RACCOON TRAPPING MODULE AND RACCOON TRAPPING SYSTEM**
[54] **MODULE DE PIEGE A RATON LAVEUR ET DISPOSITIF DE PIEGE A RATON LAVEUR**
[72] MIYAWAKI, YUTAKA, JP
[72] KAWAMICHI, MIEKO, JP
[71] SURGE MIYAWAKI CO., LTD., JP
[85] 2015-03-19
[86] 2013-09-20 (PCT/JP2013/075573)
[87] (WO2014/046264)
[30] JP (2012-207560) 2012-09-20

[21] **2,885,652**
[13] A1

[51] **Int.Cl. A47J 27/00 (2006.01) A47J 36/02 (2006.01) A47J 45/08 (2006.01)**
[25] EN
[54] **BAKEWARE WITH COVERED RIM**
[54] **PLAT POUR LE FOUR A REBORD PROTEGE**
[72] PARR, BECKY, US
[71] PARR, BECKY, US
[85] 2015-03-19
[86] 2013-03-11 (PCT/US2013/030168)
[87] (WO2014/046725)
[30] US (61/704,898) 2012-09-24

[21] **2,885,654**
[13] A1

[51] **Int.Cl. C10J 3/74 (2006.01) B01J 19/18 (2006.01) B02C 18/00 (2006.01) B09B 3/00 (2006.01)**
[25] EN
[54] **REACTOR, METHOD OF INCREASING THE EFFICIENCY IN A REACTOR AND USE OF THE REACTOR**
[54] **REACTEUR, PROCEDE D'AUGMENTATION DU RENDEMENT DANS UN REACTEUR ET UTILISATION DU REACTEUR**
[72] OLSSON, ANDERS, GB
[71] CASSANDRA OIL TECHNOLOGY AB, SE
[85] 2015-03-19
[86] 2013-09-27 (PCT/SE2013/051128)
[87] (WO2014/051514)
[30] SE (1251096-2) 2012-09-28
[30] US (61/707,083) 2012-09-28

[21] **2,885,655**
[13] A1

[51] **Int.Cl. H01J 9/24 (2006.01) H01J 61/30 (2006.01) H01J 65/04 (2006.01)**
[25] EN
[54] **CRUCIBLE FOR A LUWPL**
[54] **CREUSET POUR UNE SOURCE LUMINEUSE A PLASMA A GUIDE D'ONDES RADIO-TRANSPARENT (LUWPL)**
[72] PRESTON, BARRY, GB
[71] CERAVISION LIMITED, GB
[85] 2015-03-19
[86] 2013-09-19 (PCT/GB2013/052462)
[87] (WO2014/045044)
[30] GB (1216755.7) 2012-09-19

[21] **2,885,658**
[13] A1

[51] **Int.Cl. C12N 7/00 (2006.01)**
[25] EN
[54] **NANOPARTICLE SYNTHESIS USING PLANT EXTRACTS AND VIRUS**
[54] **SYNTHESE DE NANOPARTICULE A L'AIDE D'EXTRAITS VEGETAUX ET DE VIRUS**
[72] LOVE, ANDREW JOHN, GB
[72] TALIANSKI, MIKHAIL EMMANUILOVICH, GB
[72] CHAPMAN, SEAN NICHOLAS, GB
[72] SHAW, JANE, GB
[71] THE JAMES HUTTON INSTITUTE, GB
[85] 2015-03-19
[86] 2013-09-20 (PCT/GB2013/052473)
[87] (WO2014/045055)
[30] GB (1216930.6) 2012-09-21

[21] **2,885,659**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **METHODS OF TREATING HEMATOLOGICAL MALIGNANCIES WITH NOTCH1 ANTIBODIES**
[54] **METHODES DE TRAITEMENT DE MALIGNITES HEMATOLOGIQUES PAR DES ANTICORPS DIRIGES CONTRE NOTCH1**
[72] HOEY, TIMOTHY C., US
[72] KAPOUN, ANN M., US
[72] WANG, MIN, US
[72] LIN, TRACY TZU-LING TANG, US
[72] CAIN, JENNIFER ANNE, US
[72] DUPONT, JAKOB, US
[71] ONCOMED PHARMACEUTICALS, INC., US
[85] 2015-03-19
[86] 2013-09-20 (PCT/US2013/060878)
[87] (WO2014/047426)
[30] US (61/704,016) 2012-09-21
[30] US (61/726,182) 2012-11-14
[30] US (61/782,411) 2013-03-14

PCT Applications Entering the National Phase

[21] **2,885,661**
[13] A1

[51] **Int.Cl. B21B 1/22 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN ALUMINIUM FOIL WITH INTEGRATED SECURITY FEATURES**
[54] **PROCEDE DE PRODUCTION D'UNE FEUILLE D'ALUMINIUM A SIGNES DE SECURITE INTEGRES**
[72] ZUSER, WILHELM, AT
[72] SCHEDL, ADOLF, AT
[72] SCHARNER, ENGELBERT, AT
[72] NEKULA, LAMBERT, AT
[72] KORNFELD, MARTIN, AT
[72] HUBER, RAINER, AT
[72] BRUNNTHALLER, CHRISTOF, AT
[71] CONSTANTIA TEICH GMBH, AT
[85] 2015-03-20
[86] 2013-10-08 (PCT/AT2013/000164)
[87] (WO2014/066918)
[30] AT (A 1163/2012) 2012-10-29

[21] **2,885,662**
[13] A1

[51] **Int.Cl. C12P 7/58 (2006.01) C12N 9/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR PRODUCING CHEMICALS AND DERIVATIVES THEREOF**
[54] **COMPOSITIONS ET PROCEDES DE PRODUCTION DE PRODUITS CHIMIQUES ET DE LEURS DERIVES**
[72] KAMBOURAKIS, SPIROS, US
[72] GRIFFIN, BENJAMIN M., US
[72] MARTIN, KEVIN V., US
[71] SYNTHETIC GENOMICS, INC., US
[85] 2015-03-19
[86] 2013-09-20 (PCT/US2013/061036)
[87] (WO2014/047510)
[30] US (61/704,408) 2012-09-21

[21] **2,885,663**
[13] A1

[51] **Int.Cl. B29C 70/38 (2006.01) B29B 15/10 (2006.01) B29C 35/02 (2006.01) B29C 35/16 (2006.01) B29C 70/30 (2006.01) C08J 5/24 (2006.01)**
[25] FR
[54] **METHOD FOR PRODUCING THERMOSETTING COMPOSITE PARTS BY DRAPE-FORMING OF PREIMPREGNATED MATERIAL**
[54] **PROCEDE DE REALISATION DE PIECES COMPOSITES THERMODUCISSABLES PAR DRAPAGE DE MATERIAU PREIMPREGNE**
[72] CAVALIERE, FREDERICK, FR
[72] RENONCOURT, ALAIN, FR
[72] LEFEBURE, PATRICE, FR
[71] AIRBUS GROUP SAS, FR
[85] 2015-03-20
[86] 2013-10-08 (PCT/FR2013/052389)
[87] (WO2014/057206)
[30] FR (1259552) 2012-10-08

[21] **2,885,665**
[13] A1

[51] **Int.Cl. C12N 5/0789 (2010.01) C12N 5/078 (2010.01)**
[25] EN
[54] **METHOD FOR THE EX VIVO EXPANSION OF HEMATOPOIETIC STEM AND PROGENITOR CELLS**
[54] **PROCEDE POUR L'EXPANSION EX VIVO DE CELLULES SOUCHES ET PROGENITRICES HEMATOPOIETIQUES**
[72] TURSKY, MELINDA L., AU
[72] KIRKLAND, MARK A., AU
[71] CYTOMATRIX PTY LTD, AU
[85] 2015-03-20
[86] 2012-09-21 (PCT/AU2012/001135)
[87] (WO2013/040644)
[30] AU (2011903899) 2011-09-22

[21] **2,885,667**
[13] A1

[51] **Int.Cl. A47G 19/22 (2006.01) A47G 19/12 (2006.01) A47G 19/23 (2006.01) A47G 23/00 (2006.01) B65D 53/08 (2006.01) B65D 55/02 (2006.01)**
[25] EN
[54] **BEVERAGE CUP LID**
[54] **COUVERCLE DE GOBELET A BOISSON**
[72] LA VEE, SOUL, AU
[71] LA VEE, SOUL, AU
[85] 2015-03-20
[86] 2013-09-10 (PCT/AU2013/001026)
[87] (WO2014/043740)
[30] AU (2012904152) 2012-09-24

[21] **2,885,669**
[13] A1

[51] **Int.Cl. B29C 70/38 (2006.01) B29B 15/10 (2006.01) B29C 35/02 (2006.01) B29C 35/16 (2006.01) B29C 70/30 (2006.01) C08J 5/24 (2006.01)**
[25] FR
[54] **METHOD FOR PRODUCING PARTS MADE OF THERMOSETTING COMPOSITE BY LAYING OF FIBRES OF PREIMPREGNATED MATERIAL**
[54] **PROCEDE DE REALISATION DE PIECES EN COMPOSITE THERMODURCISSABLES PAR PLACEMENT DE FIBRES DE MATERIAU PREIMPREGNE**
[72] CAVALIERE, FREDERICK, FR
[72] RENONCOURT, ALAIN, FR
[72] LEFEBURE, PATRICE, FR
[71] AIRBUS GROUP SAS, FR
[85] 2015-03-20
[86] 2013-10-08 (PCT/FR2013/052390)
[87] (WO2014/057207)
[30] FR (1259551) 2012-10-08

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[21] **2,885,670**
[13] A1

[51] **Int.Cl. H04N 19/46 (2014.01) H04N 19/30 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **HYPOTHETICAL REFERENCE DECODER PARAMETER SYNTAX STRUCTURE**
[54] **STRUCTURE SYNTAXIQUE DE PARAMETRES D'UN DECODEUR FICTIF DE REFERENCE**
[72] WANG, YE-KUI, US
[71] QUALCOMM INCORPORATED, US
[85] 2015-03-18
[86] 2013-09-20 (PCT/US2013/060906)
[87] (WO2014/058598)
[30] US (61/711,098) 2012-10-08
[30] US (13/954,712) 2013-07-30

[21] **2,885,678**
[13] A1

[51] **Int.Cl. G01N 33/18 (2006.01)**
[25] EN
[54] **DEVICE FOR MONITORING WASTEWATER TREATMENT**
[54] **DISPOSITIF DE SURVEILLANCE DU TRAITEMENT DES EAUX USEES**
[72] DOOLEY, MICHAEL ANTHONY, GB
[72] BURNS, MARTIN, GB
[71] STRATHKELVIN INSTRUMENTS LIMITED, GB
[85] 2015-03-20
[86] 2013-09-30 (PCT/GB2013/052537)
[87] (WO2014/049376)
[30] GB (1217350.6) 2012-09-28

[21] **2,885,680**
[13] A1

[51] **Int.Cl. A61K 9/22 (2006.01)**
[25] EN
[54] **FORMULATION FOR THE CONTROLLED RELEASE OF ONE OR SEVERAL SUBSTANCES IN THE DIGESTIVE TRACT OF A MAMMAL**
[54] **FORMULATION OPTIMALE POUR LA LIBERATION D'UN PRINCIPE ACTIF DANS LE GROS INTESTIN**
[72] SAUR-BROSCH, ROLAND, DE
[71] SAUR-BROSCH, ROLAND, DE
[85] 2015-02-18
[86] 2012-09-07 (PCT/IB2012/054655)
[87] (WO2013/035081)
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[30] EP (12166248.0) 2012-04-30
[30] EP (12168985.5) 2012-05-22
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[21] **2,885,682**
[13] A1

[51] **Int.Cl. A61F 13/02 (2006.01) A61L 15/22 (2006.01) A61L 15/42 (2006.01) D01D 5/00 (2006.01) D04H 3/16 (2006.01)**
[25] EN
[54] **BIOMEDICAL PATCHES WITH SPATIALLY ARRANGED FIBERS**
[54] **TIMBRES BIOMEDICAUX AVEC FIBRES DISPOSEES SPATIALEMENT**
[72] MACEWAN, MATTHEW R., US
[71] WASHINGTON UNIVERSITY, US
[85] 2015-03-20
[86] 2012-09-21 (PCT/US2012/056548)
[87] (WO2014/046669)

[21] **2,885,684**
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[25] EN
[54] **SAMPLE PROBE INLET FLOW SYSTEM**
[54] **SYSTEME D'ECOULEMENT D'ADMISSION DE SONDE D'ECHANTILLON**
[72] EASTON, MATT, GB
[72] TAYLOR, STEPHEN, GB
[71] SMITHS DETECTION - WATFORD LIMITED, GB
[85] 2015-03-20
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[87] (WO2014/045056)
[30] US (61/704,036) 2012-09-21

[21] **2,885,685**
[13] A1

[51] **Int.Cl. A61L 2/00 (2006.01) A61L 2/24 (2006.01)**
[25] EN
[54] **USE OF PHOTO-CATALYTIC MATERIAL FOR SELF CLEANING BANKNOTES**
[54] **UTILISATION DE MATIERE PHOTOCATALYTIQUE POUR DES BILLETS DE BANQUE AUTONETTOYANTS**
[72] LAWANDY, NABIL M., US
[71] SPECTRA SYSTEMS CORPORATION, US
[85] 2015-03-20
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[87] (WO2014/046692)
[30] US (13/625,368) 2012-09-24

[21] **2,885,691**
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[51] **Int.Cl. G05D 23/30 (2006.01) G05D 23/24 (2006.01)**
[25] EN
[54] **INTELLIGENT CONTROLLER FOR AN ENVIRONMENTAL CONTROL SYSTEM**
[54] **CONTROLEUR INTELLIGENT POUR UN SYSTEME DE CONTROLE DE L'ENVIRONNEMENT**
[72] MATSUOKA, YOKY, US
[72] RUFF, JOSEPH ADAM, US
[72] MALHOTRA, MARK, US
[71] GOOGLE INC., US
[85] 2015-03-20
[86] 2012-09-30 (PCT/US2012/058203)
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[54] **HIGH-FREQUENCY STRAIGHT WELDED PIPE AND MANUFACTURING METHOD THEREOF**

[54] **TUBE DROIT SOUDE A HAUTE FREQUENCE ET SON PROCEDE DE FABRICATION**

[72] WANG, YIRAN, CN
[72] SHEN, JIANLAN, CN
[72] CUI, JUN, CN
[72] GU, ZHONGYING, CN
[72] WU, WENHUI, CN
[71] BAOSHAN IRON & STEEL CO., LTD., CN

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[30] CN (201210378301.9) 2012-09-29

[21] **2,885,698**
[13] A1

[51] **Int.Cl. A61F 2/07 (2013.01)**

[25] EN

[54] **AORTIC ARCH DOUBLE-BARRELED MAIN BODY STENT GRAFT AND METHODS FOR USE**

[54] **ENDOPROTHESE DE CROSSE AORTIQUE A DEUX CANONS AVEC CORPS PRINCIPAL ET SES PROCEDES D'UTILISATION**

[72] KELLY, PATRICK W., US
[71] SANFORD HEALTH, US

[85] 2015-03-20
[86] 2013-04-11 (PCT/US2013/036190)
[87] (WO2013/155315)
[30] US (61/623,151) 2012-04-12
[30] US (61/646,637) 2012-05-14
[30] US (61/716,292) 2012-10-19
[30] US (61/716,326) 2012-10-19
[30] US (61/716,315) 2012-10-19
[30] US (61/720,803) 2012-10-31
[30] US (61/720,829) 2012-10-31
[30] US (61/720,846) 2012-10-31
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[13] A1

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[54] **HOT ETHANOL EXTRACTION OF LIPIDS FROM PLANT OR ANIMAL MATERIALS**

[54] **EXTRACTION DE LIPIDES DANS DE L'ETHANOL A CHAUD A PARTIR DE MATIERES VEGETALES OU ANIMALES**

[72] LINNET, LARS, DK
[71] ALFA LAVAL CORPORATE AB, SE

[85] 2015-03-20
[86] 2012-10-04 (PCT/EP2012/069594)
[87] (WO2014/053180)

[21] **2,885,702**
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[51] **Int.Cl. A61F 2/07 (2013.01)**

[25] EN

[54] **COMBINATION DOUBLE-BARRELED AND DEBRANCHING STENT GRAFTS AND METHODS FOR USE**

[54] **ENDOPROTHESES COUVERTES HYBRIDES A DOUBLE FUT ET A DEBRANCHEMENT ET PROCEDES D'UTILISATION ASSOCIES**

[72] KELLY, PATRICK W., US
[71] SANFORD HEALTH, US

[85] 2015-03-20
[86] 2013-04-11 (PCT/US2013/036195)
[87] (WO2013/155318)
[30] US (61/623,151) 2012-04-12
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[30] US (61/720,846) 2012-10-31
[30] US (13/706,175) 2012-12-05
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[21] **2,885,706**
[13] A1

[51] **Int.Cl. B26D 3/28 (2006.01) B26D 1/03 (2006.01) B26D 7/06 (2006.01)**

[25] EN

[54] **APPARATUS FOR CUTTING POTATO SLICES, AND METHOD OF MANUFACTURING POTATO CHIPS**

[54] **APPAREIL POUR DECOUPER DES TRANCHES DE POMMES DE TERRE ET PROCEDE DE FABRICATION DE FRITES**

[72] KHAN, AHMED NADIM, GB
[72] DE BRUYNE, CHRIS, BE
[72] VANDECASTEELE, NICO, BE
[72] LINGARD, NEAL, GB
[72] BUTT, BRIAN, GB
[72] O'BRIEN, JOHN, GB
[72] MCDONNELL, JOE, GB
[71] FRITO-LAY TRADING COMPANY GMBH, CH

[85] 2015-03-20
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[30] GB (1217414.0) 2012-09-28

[21] **2,885,707**
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[51] **Int.Cl. C07C 7/11 (2006.01) C07C 7/08 (2006.01) C07C 11/167 (2006.01)**

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[54] **BUTADIENE EXTRACTION PRE-ABSORBER**

[54] **PREABSORBEUR POUR EXTRAIRE LE BUTADIENE**

[72] SCHWINT, KEVIN JOHN, US
[72] BRUMMER, ROBERT JOHN, US
[71] LUMMUS TECHNOLOGY INC., US

[85] 2015-03-20
[86] 2013-08-14 (PCT/US2013/054909)
[87] (WO2014/046811)
[30] US (61/703,409) 2012-09-20

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[13] A1

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[54] **COMPOSITIONS FOR GRAFTING FRAGRANCE SUBSTANCES**

[54] **COMPOSITIONS POUR LE GREFFAGE DE SUBSTANCES PARFUMÉES**

[72] DENTE, STEPHEN V., US

[72] BASILE, KETRIN LEKA, US

[72] HARRAKA, JULIANNE, US

[72] JOHNSON, GARRY, US

[72] THOTTATHIL, PAUL, US

[72] MUKHERJEE, SATYABRATA, US

[72] KESAVAN, PURUSHOTHAMAN, US

[72] RYAN, JOHN, US

[71] ROBERTET, INC., US

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[30] US (61/708,875) 2012-10-02

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[54] **WRAPPER FOR MEAT FROM SLAUGHTERED ANIMALS**

[54] **EMBALLAGE POUR VIANDE D'ANIMAUX SACRIFIÉS**

[72] GONZALEZ AGUILERA, JUAN BAUTISTA, ES

[71] GONZALEZ AGUILERA, JUAN BAUTISTA, ES

[85] 2015-03-20

[86] 2013-09-24 (PCT/ES2013/070665)

[87] (WO2014/044897)

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[21] **2,885,716**
[13] A1

[51] **Int.Cl. G06F 15/16 (2006.01)**

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[54] **MOBILE SENDER CONTROLLED DATA ACCESS AND DATA DELETION METHOD AND SYSTEM**

[54] **ACCES A DES DONNEES CONTROLE PAR UN EXPEDITEUR MOBILE, ET PROCEDE ET SYSTEME DE SUPPRESSION DE DONNEES**

[72] SPEEDE, CLAREMONT, US

[71] SPEEDE, CLAREMONT, US

[85] 2015-03-20

[86] 2013-09-24 (PCT/IB2013/058826)

[87] (WO2014/045268)

[30] US (61/744,332) 2012-09-24

[21] **2,885,717**
[13] A1

[51] **Int.Cl. C10G 11/14 (2006.01) C10G 9/18 (2006.01)**

[25] EN

[54] **COKE DRUM ADDITIVE INJECTION**

[54] **INJECTION D'UN ADDITIF DANS UN TAMBOUR DE COKEFACTION**

[72] FAEGH, AHMAD, US

[71] LUMMUS TECHNOLOGY INC., US

[85] 2015-03-20

[86] 2013-09-04 (PCT/US2013/057902)

[87] (WO2014/046866)

[30] US (61/704,020) 2012-09-21

[21] **2,885,718**
[13] A1

[51] **Int.Cl. G01N 3/00 (2006.01) G01M 99/00 (2011.01) G01N 17/00 (2006.01)**

[25] EN

[54] **METHOD OF PREDICTING CRACK GROWTH AND INFORMATION PROCESSING DEVICE THEREFOR**

[54] **PROCEDE D'EVALUATION DE PROPAGATION DE FISSURE ET DISPOSITIF DE TRAITEMENT D'INFORMATION**

[72] NISHIDA, HIDETAKA, JP

[71] THE CHUGOKU ELECTRIC POWER CO., INC., JP

[85] 2015-03-20

[86] 2012-08-31 (PCT/JP2012/072232)

[87] (WO2014/033927)

[21] **2,885,719**
[13] A1

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[25] EN

[54] **OLIGONUCLEOTIDE AND ARTIFICIAL NUCLEOSIDE HAVING GUANIDINE BRIDGE**

[54] **OLIGONUCLEOTIDE ET NUCLEOSIDE ARTIFICIEL AYANT UN PONT GUANIDINE**

[72] OBIKA, SATOSHI, JP

[72] KOTOBUKI, YUTARO, JP

[72] WAKI, REIKO, JP

[71] OSAKA UNIVERSITY, JP

[85] 2015-03-20

[86] 2013-09-19 (PCT/JP2013/075370)

[87] (WO2014/046212)

[30] JP (2012-208906) 2012-09-21

[30] JP (2013-022360) 2013-02-07

[21] **2,885,720**
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[51] **Int.Cl. C08F 2/48 (2006.01) B41J 2/01 (2006.01) B41M 5/00 (2006.01) C09D 11/00 (2014.01)**

[25] EN

[54] **PHOTOPOLYMERIZABLE COMPOSITION, PHOTOPOLYMERIZABLE INKJET INK, AND INK CARTRIDGE**

[54] **COMPOSITION PHOTOPOLYMERISABLE, ENCRE POUR JET D'ENCRE PHOTOPOLYMERISABLE, ET CARTOUCHE D'ENCRE**

[72] HIRAOKA, TAKAO, JP

[71] RICOH COMPANY, LTD., JP

[85] 2015-03-20

[86] 2013-09-12 (PCT/JP2013/075390)

[87] (WO2014/050711)

[30] JP (2012-215753) 2012-09-28

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[25] EN
[54] **RET INHIBITOR**
[54] **INHIBITEUR DE RET**
[72] KODAMA, TATSUSHI, JP
[72] SAKAMOTO, HIROSHI, JP
[72] TSUKAGUCHI, TOSHIYUKI, JP
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
[85] 2015-03-20
[86] 2013-09-24 (PCT/JP2013/075621)
[87] (WO2014/050781)
[30] JP (2012-211040) 2012-09-25

[21] **2,885,723**
[13] A1

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[25] EN
[54] **SYSTEM AND METHOD FOR PRODUCING A STRUCTURE WITH AN ELECTROSTATIC SPRAY**
[54] **SYSTEME ET PROCEDE POUR FABRIQUER UNE STRUCTURE A L'AIDE D'UN PULVERISATEUR ELECTROSTATIQUE**
[72] MYERS, STEVEN ANDREW, US
[72] COZART, PAYTON XAVIER, US
[71] FINISHING BRANDS HOLDINGS INC., US
[85] 2015-03-18
[86] 2013-10-08 (PCT/US2013/063932)
[87] (WO2014/058913)
[30] US (61/712,764) 2012-10-11
[30] US (14/046,838) 2013-10-04

[21] **2,885,724**
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[51] **Int.Cl. E04F 13/074 (2006.01)**

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[54] **BUILDING COMPONENT**
[54] **COMPOSANT DE CONSTRUCTION**
[72] FURMANEK, MAREK, PL
[71] FURMANEK, MAREK, PL
[85] 2015-03-20
[86] 2013-09-26 (PCT/PL2013/000121)
[87] (WO2014/051446)
[30] PL (P.400957) 2012-09-27

[21] **2,885,725**
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[51] **Int.Cl. G06F 1/26 (2006.01)**

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[54] **SYSTEM AND METHOD FOR MANAGING A POWER MODE OF A DESIGNATED ELECTRONIC DEVICE**
[54] **SYSTEME ET PROCEDE POUR GERER UN MODE DE PUISSANCE D'UN DISPOSITIF ELECTRONIQUE DESIGNE**
[72] STEFANOV, HRISTO STEFANOV, US
[72] WUELLNER, TROND THOMAS, US
[72] KUSCHER, ALEXANDER FRIEDRICH, US
[71] GOOGLE INC., US
[85] 2015-03-20
[86] 2013-09-09 (PCT/US2013/058813)
[87] (WO2014/051978)
[30] US (13/631,703) 2012-09-28

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[13] A1

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[54] **LOCK FOR TOOL HOLDER**
[54] **VERROU POUR PORTE-OUTIL**
[72] QUARFORDT, PER, SE
[72] GABELA, ADNAN, SE
[71] COMBI WEAR PARTS AB, SE
[85] 2015-03-20
[86] 2013-09-12 (PCT/SE2013/000140)
[87] (WO2014/046587)
[30] SE (1230098-4) 2012-09-21

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[13] A1

[51] **Int.Cl. F04C 18/52 (2006.01) F04C 28/12 (2006.01) F04C 29/00 (2006.01)**

[25] EN
[54] **APPARATUS AND METHOD FOR ENHANCING COMPRESSOR EFFICIENCY**
[54] **APPAREIL ET PROCEDE POUR AMELIORER LE RENDEMENT DE COMPRESSEUR**
[72] PICOUET, JEAN-LOUIS, US
[71] VILTER MANUFACTURING LLC, US
[85] 2015-03-20
[86] 2013-09-20 (PCT/US2013/060898)
[87] (WO2014/052192)
[30] US (61/706,420) 2012-09-27

[21] **2,885,729**
[13] A1

[51] **Int.Cl. G01F 13/00 (2006.01) B65D 88/00 (2006.01) E04B 1/348 (2006.01) E21B 47/10 (2012.01) H02B 1/52 (2006.01)**

[25] EN
[54] **TRANSPORTABLE HOSE-TEST CONTAINERS, SYSTEMS AND METHODS**
[54] **RECIPIENTS D'ESSAI PAR TUYAU SOUPLE TRANSPORTABLES, SYSTEMES ET PROCEDES ASSOCIES**
[72] HENDERSON, KIM, US
[72] HILLS, ANDY, GB
[72] SWIFT, JONATHAN CLARK, GB
[72] EDLUND, ROBERT CLIFFORD, SG
[71] GATES CORPORATION, US
[85] 2015-03-20
[86] 2013-10-01 (PCT/US2013/062876)
[87] (WO2014/055523)
[30] US (61/709,983) 2012-10-04

[21] **2,885,738**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G06Q 50/22 (2012.01)**

[25] EN
[54] **SYSTEM AND METHOD FOR FACILITATING A PROMOTIONAL EVENT**
[54] **SYSTEME ET PROCEDE POUR FACILITER UN EVENEMENT PROMOTIONNEL**
[72] MAHAFAZH, ALA, US
[71] HSC ACQUISITION, LLC D/B/A/ HEALTHSTAR COMMUNICATIONS, US
[85] 2015-03-20
[86] 2013-09-23 (PCT/US2013/061163)
[87] (WO2014/047550)
[30] US (13/624,413) 2012-09-21

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[13] A1

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[25] EN

[54] **PRODUCT COMPRISING A NICOTINE-CONTAINING MATERIAL AND AN ANTI-CANCER AGENT**

[54] **PRODUIT COMPRENANT UNE MATIERE CONTENANT DE LA NICOTINE ET UN AGENT ANTICANCEREUX**

[72] RIGAS, BASIL, US

[72] RIGAS, JASON, US

[72] RIGAS, JASON, US

[71] RIGAS, BASIL, US

[71] RIGAS, JASON, US

[85] 2015-03-20

[86] 2013-09-23 (PCT/US2013/061206)

[87] (WO2014/047569)

[30] US (61/703,999) 2012-09-21

[30] US (14/013,019) 2013-08-28

[21] **2,885,740**

[13] A1

[51] **Int.Cl. A61K 31/661 (2006.01) A61K 31/192 (2006.01) A61K 31/664 (2006.01) A61K 31/675 (2006.01) A61K 45/06 (2006.01)**

[25] EN

[54] **COMPOUNDS AND COMPOSITIONS FOR USE IN THE PREVENTION AND TREATMENT OF INFLAMMATION-RELATED DISORDERS, PAIN AND FEVER, SKIN DISORDERS, CANCER AND PRECANCEROUS CONDITIONS THEREOF**

[54] **COMPOSES ET COMPOSITIONS POUR UNE UTILISATION DANS LA PREVENTION ET LE TRAITEMENT DE TROUBLES ASSOCIES A L'INFLAMMATION, DE LA DOULEUR ET DE LA FIEVRE, DE TROUBLES DE LA PEAU, DUCANCER ET D'ETATS PRECANCEREUX DE CELUI-CI**

[72] RIGAS, BASIL, US

[71] RIGAS, BASIL, US

[85] 2015-03-20

[86] 2013-09-23 (PCT/US2013/061247)

[87] (WO2014/047592)

[30] US (61/704,021) 2012-09-21

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[13] A1

[51] **Int.Cl. B32B 3/10 (2006.01) B27M 3/06 (2006.01) B32B 3/08 (2006.01) B32B 21/00 (2006.01) B32B 37/24 (2006.01) E04F 15/02 (2006.01)**

[25] EN

[54] **FLEXIBLE WOOD STRIPS SHEET, MACHINE AND METHOD OF MANUFACTURE**

[54] **FEUILLE DE BANDES DE BOIS FLEXIBLES, MACHINE ET PROCEDE DE FABRICATION**

[72] ROY, FRANCOIS, CA
[72] CLOUTIER, JONATHAN, CA
[72] TANGUAY, VINCENT, CA
[71] BOA-FRANC, CA
[22] 2013-09-30
[41] 2015-02-14
[30] US (13/966,396) 2013-08-14

[21] **2,853,552**
[13] A1

[51] **Int.Cl. F24H 1/28 (2006.01) B60K 13/04 (2006.01) B65D 88/74 (2006.01) F01N 3/00 (2006.01) F24H 1/20 (2006.01) F24H 9/18 (2006.01)**

[25] EN

[54] **HEATING SYSTEM**

[54] **SYSTEME DE CHAUFFAGE**

[72] VAN WYK, LOREN, US
[71] LDJ MANUFACTURING, INC., US
[22] 2014-06-06
[41] 2014-12-19
[30] US (13/921,839) 2013-06-19

[21] **2,877,202**
[13] A1

[51] **Int.Cl. H04N 19/52 (2014.01) H04N 19/137 (2014.01) H04N 19/14 (2014.01) H04N 19/176 (2014.01) H04N 19/61 (2014.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR ENCODING/DECODING MOTION VECTOR**

[54] **PROCEDE ET APPAREIL DE CODAGE/DECODAGE D'UN VECTEUR MOUVEMENT**

[72] LEE, TAMMY, KR
[72] HAN, WOO-JIN, KR
[72] LEE, KYO-HYUK, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2010-08-13
[41] 2011-02-17
[62] 2,820,901
[30] KR (10-2009-0074896) 2009-08-13

[21] **2,880,300**
[13] A1

[51] **Int.Cl. A61F 6/14 (2006.01) A61F 6/18 (2006.01) A61M 31/00 (2006.01)**

[25] EN

[54] **INTRAUTERINE DEPOSIT**

[54] **DEPOT INTRA-UTERIN**

[72] DE GRAAFF, WOUTER, NL
[72] VEENSTRA, HARM, NL
[72] MULDER, TITIA, NL
[71] MERCK SHARP & DOHME B.V., NL
[22] 2008-11-07
[41] 2009-05-14
[62] 2,703,539
[30] EP (07120191.7) 2007-11-07

[21] **2,880,604**
[13] A1

[51] **Int.Cl. A61B 5/103 (2006.01) A61B 5/00 (2006.01) G06T 7/00 (2006.01)**

[25] EN

[54] **SYSTEM FOR SKIN TREATMENT ANALYSIS USING SPECTRAL IMAGE DATA TO GENERATE 3D RGB MODEL**

[54] **SYSTEME D'ANALYSE DE TRAITEMENT DE LA PEAU UTILISANT DES DONNEES D'IMAGES SPECTRALES AFIN DE GENERER UN MODELE RGB 3D**

[72] CUMMINS, PHILLIP, US
[72] VANDEROVER, GARRET WILLIAM, US
[72] FTHENAKIS, CHRISTINA G., US
[72] JORGENSEN, LISE W., US
[71] ELC MANAGEMENT LLC, US
[22] 2011-03-03
[41] 2011-09-15
[62] 2,791,370
[30] US (61/312,559) 2010-03-10

[21] **2,881,429**
[13] A1

[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/32 (2012.01)**

[25] EN

[54] **METHOD, DEVICE AND SECURE ELEMENT FOR CONDUCTING A SECURED FINANCIAL TRANSACTION ON A DEVICE**

[54] **PROCEDE, DISPOSITIF ET ELEMENT SECURISE POUR CONDUIRE UNE TRANSACTION FINANCIERE SECURISEE SUR UN DISPOSITIF**

[72] FONTAINE, SEBASTIEN, CA
[72] DOLCINO, LUC, CA
[72] DU HAYS, BENJAMIN, CA
[72] DE NANCLAS, MAXIME, CA
[72] ALBERTI, XAVIER, CA
[71] MOBEEWAVE, INC., CA
[22] 2013-02-28
[41] 2013-09-06
[62] 2,860,987
[30] US (61/604,613) 2012-02-29

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,883,124**
[13] A1

[51] **Int.Cl. C08L 67/02 (2006.01) D01F 8/00 (2006.01) D05C 17/00 (2006.01)**

[25] EN

[54] **RECYCLED POLYETHYLENE TEREPHTHALATE COMPOSITIONS, FIBERS AND ARTICLES PRODUCED THEREFROM, AND METHODS FOR PRODUCING SAME**

[54] **COMPOSITIONS DE POLY(ETHYLENE TEREPHTHALATE) RECYCLE, FIBRES ET ARTICLES PRODUITS PAR CES DERNIERES ET METHODES DE PRODUCTION CONNEXES**

[72] BOOTH, HUBERT J., US
[72] BRADLEY, CHRISTOPHER ERIC, US
[72] JOHNSON, DANIEL RAY, US
[72] KEEN, JAMES HENRY, JR., US
[71] SHAW INDUSTRIES GROUP, INC., US

[22] 2009-09-30
[41] 2010-03-30
[62] 2,681,288
[30] US (61/101,664) 2008-09-30

[21] **2,883,251**
[13] A1

[51] **Int.Cl. H04N 19/30 (2014.01) H04N 19/172 (2014.01) H04N 19/44 (2014.01)**

[25] EN

[54] **VIDEO DECODING APPARATUS, VIDEO CODING APPARATUS, VIDEO DECODING METHOD, VIDEO CODING METHOD, AND STORAGE MEDIUM**

[54] **APPAREIL DE DECODAGE VIDEO, APPAREIL DE CODAGE VIDEO, METHODE DE DECODAGE VIDEO, METHODE DE CODAGE VIDEO ET SUPPORT DE STOCKAGE**

[72] SHIMADA, SATOSHI, JP
[72] NAKAGAWA, AKIRA, JP
[72] KAZUI, KIMIHIKO, JP
[72] KOYAMA, JUNPEI, JP
[71] FUJITSU LIMITED, JP

[22] 2012-05-30
[41] 2012-12-15
[62] 2,778,486
[30] JP (2011-133383) 2011-06-15

[21] **2,883,255**
[13] A1

[51] **Int.Cl. C08L 67/02 (2006.01) D01F 6/62 (2006.01) D05C 17/02 (2006.01)**

[25] EN

[54] **RECYCLED POLETHYLENE TEREPHTHALATE COMPOSITIONS, FIBERS AND ARTICLES PRODUCED THEREFROM, AND METHODS FOR PRODUCING SAME**

[54] **COMPOSITIONS DE POLY(ETHYLENE TEREPHTHALATE) RECYCLE, FIBRES ET ARTICLES PRODUITS PAR CES DERNIERES ET METHODES DE PRODUCTION CONNEXES**

[72] BOOTH, HUBERT J., US
[72] BRADLEY, CHRISTOPHER ERIC, US
[72] JOHNSON, DANIEL RAY, US
[72] KEEN, JAMES HENRY JR., US
[71] SHAW INDUSTRIES GROUP, INC., US

[22] 2009-09-30
[41] 2010-03-30
[62] 2,681,244
[30] US (61/101,663) 2008-09-30

[21] **2,883,321**
[13] A1

[51] **Int.Cl. C08L 33/08 (2006.01) B32B 3/06 (2006.01) B32B 27/00 (2006.01) B32B 37/00 (2006.01) C08J 5/04 (2006.01) C08J 9/04 (2006.01) C08L 31/04 (2006.01)**

[25] EN

[54] **EXPANDABLE MATERIAL AND FASTENABLE MEMBER FOR SEALING, BAFFLING OR REINFORCING AND METHOD OF FORMING SAME**

[54] **MATERIAU EXPANSIBLE ET ELEMENT A FIXER SERVANT A COLMATER, A FORMER DES CHICANES OU A RENFORCER DES COMPOSANTS, ET LEUR PROCEDE DE FABRICATION**

[72] KASSA, ABRAHAM, US
[72] HARTHCOCK, MATTHEW, US
[72] APFEL, JEFFREY, US
[72] LARSEN, DOUGLAS C., US
[72] KLEINO, THOMAS D., US
[72] BARZ, WILLIAM J., US
[71] ZEPHYROS, INC., US

[22] 2004-06-23
[41] 2005-01-13
[62] 2,731,417
[30] US (60/482,897) 2003-06-26
[30] US (60/482,896) 2003-06-26
[30] US (10/867,835) 2004-06-15
[30] US (10/873,935) 2004-06-22

[21] **2,883,629**
[13] A1

[51] **Int.Cl. C07C 237/30 (2006.01) A61K 31/198 (2006.01) C07D 211/16 (2006.01) C07D 401/04 (2006.01) C07D 413/04 (2006.01)**

[25] EN

[54] **HETEROCYCLIC DERIVATIVES AS OPIOID RECEPTOR MODULATORS**

[54] **NOUVEAUX COMPOSES MODULATEURS DU RECEPTEUR OPIOIDE**

[72] BRESLIN, HENRY JOSEPH, US
[72] HE, WEI, US
[72] KAVASH, ROBERT W., US
[71] JANSSEN PHARMACEUTICA NV, BE

[22] 2003-04-17
[41] 2003-11-13
[62] 2,753,371
[30] US (60/376,406) 2002-04-29
[30] US (10/400,006) 2003-03-26

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[21] **2,883,729**
[13] A1

[51] **Int.Cl. C12N 15/53 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) C12N 9/02 (2006.01) C12N 15/82 (2006.01) C12P 7/64 (2006.01)**

[25] EN
[54] **FATTY ACID DESATURASES FROM FUNGI**

[54] **DESATURASES D'ACIDES GRAS PROVENANT DES CHAMPIGNONS**

[72] URSIN, VIRGINIA M., US
[72] VOELKER, TONI, US
[72] FROMAN, BYRON, US
[71] MONSANTO TECHNOLOGY LLC, US

[22] 2003-05-21
[41] 2003-12-04
[62] 2,486,559
[30] US (60/382,391) 2002-05-22
[30] US (60/453,125) 2003-03-07

[21] **2,883,732**
[13] A1

[51] **Int.Cl. F16B 37/04 (2006.01) F16B 31/04 (2006.01) F16B 39/12 (2006.01)**

[25] EN
[54] **CAGE NUT**
[54] **ECROU A CAGE**

[72] SCHRAER, THORSTEN, DE
[71] RUIA GLOBAL FASTENERS AG, DE

[22] 2011-08-31
[41] 2012-04-19
[62] 2,806,627
[30] DE (20 2010 012 019.5) 2010-08-31

[21] **2,883,834**
[13] A1

[51] **Int.Cl. A61M 25/00 (2006.01) A61M 25/01 (2006.01)**

[25] EN
[54] **INDWELLING LUMINAL DEVICES**

[54] **DISPOSITIF LUMINAL A DEMEURE**

[72] CULLY, EDWARD H., US
[72] DUNCAN, JEFFREY B., US
[72] MAULDING, MATTHEW E., US
[72] TRAPP, BENJAMIN M., US
[72] SCHONHOLZ, CLAUDIO, US
[71] W. L. GORE & ASSOCIATES, INC., US

[22] 2011-09-09
[41] 2012-03-15
[62] 2,810,679
[30] US (61/381,358) 2010-09-09
[30] US (13/228,330) 2011-09-08

[21] **2,883,869**
[13] A1

[51] **Int.Cl. C12N 15/62 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C07K 14/415 (2006.01) C12N 5/10 (2006.01) C12N 9/02 (2006.01) C12N 15/29 (2006.01) C12N 15/53 (2006.01) C12N 15/82 (2006.01)**

[25] EN
[54] **CHLOROPLAST TRANSIT PEPTIDES FOR EFFICIENT TARGETING OF DMO AND USES THEREOF**

[54] **PEPTIDES DE TRANSIT DE CHLOROPLASTE POUR CIBLAGE EFFICACE DE DMO ET UTILISATION DE CEUX-CI**

[72] FENG, PAUL C.C., US
[72] MALVEN, MARIANNE, US
[72] FLASINSKI, STANISLAW, US
[71] MONSANTO TECHNOLOGY LLC, US

[22] 2007-06-06
[41] 2008-09-04
[62] 2,678,603
[30] US (60/891,675) 2007-02-26
[30] US (11/758,659) 2007-06-05

[21] **2,883,920**
[13] A1

[51] **Int.Cl. G06T 9/00 (2006.01) H04N 19/122 (2014.01) H04N 19/146 (2014.01) H04N 19/18 (2014.01) H04N 19/30 (2014.01)**

[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING RESIDUAL BLOCK, AND METHOD AND APPARATUS FOR DECODING RESIDUAL BLOCK**

[54] **PROCEDE ET APPAREIL DE CODAGE DE BLOC RESIDUEL, ET PROCEDE ET APPAREIL DE DECODAGE DE BLOC RESIDUEL**

[72] CHEON, MIN-SU, KR
[72] MIN, JUNG-HYE, KR
[72] HAN, WOO-JIN, KR

[22] 2010-10-28
[41] 2011-05-05
[62] 2,777,587
[30] KR (10-2009-0102818) 2009-10-28

[21] **2,883,923**
[13] A1

[51] **Int.Cl. G06T 9/00 (2006.01) H04N 19/122 (2014.01) H04N 19/146 (2014.01) H04N 19/18 (2014.01) H04N 19/30 (2014.01)**

[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING RESIDUAL BLOCK, AND METHOD AND APPARATUS FOR DECODING RESIDUAL BLOCK**

[54] **PROCEDE ET APPAREIL DE CODAGE DE BLOC RESIDUEL, ET PROCEDE ET APPAREIL DE DECODAGE DE BLOC RESIDUEL**

[72] CHEON, MIN-SU, KR
[72] MIN, JUNG-HYE, KR
[72] HAN, WOO-JIN, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR

[22] 2010-10-28
[41] 2011-05-05
[62] 2,777,587
[30] KR (10-2009-0102818) 2009-10-28

[21] **2,883,931**
[13] A1

[51] **Int.Cl. A61F 2/44 (2006.01) A61B 17/70 (2006.01) A61B 17/88 (2006.01) A61F 2/82 (2013.01) A61F 2/90 (2013.01) A61L 27/50 (2006.01)**

[25] EN
[54] **METHODS AND DEVICES FOR STENTING OR TAMPING A FRACTURED VERTEBRAL BODY**

[54] **METHODES ET DISPOSITIFS DE STENTING OU DE BOURRAGE POUR CORPS VERTEBRAL FRACTURE**

[72] PARSONS, MATTHEW, US
[72] DOORIS, ANDREW, US
[72] VOELLMICKE, JOHN C., US
[72] O'NEIL, MICHAEL J., US
[71] DEPUTY SPINE, INC., US

[22] 2006-09-14
[41] 2007-04-12
[62] 2,624,341
[30] US (60/721,619) 2005-09-29
[30] US (11/289,252) 2005-11-29

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,883,977**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G06Q 50/22 (2012.01) A61B 5/157 (2006.01) A61M 31/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHODS FOR IMPROVED DIABETES DATA MANAGEMENT AND USE EMPLOYING WIRELESS CONNECTIVITY BETWEEN PATIENTS AND HEALTHCARE PROVIDERS AND REPOSITORY OF DIABETES MANAGEMENT INFORMATION**

[54] **SYSTEMES ET METHODES DE GESTION AMELIOREE DE DONNEES SUR LE DIABETE ET UTILISATION DE LIAISONS SANS FIL ENTRE LES PATIENTS ET LE PERSONNEL MEDICAL, ET UN REFERENTIEL D'INFORMATIONS DE GESTION DU DIABETE**

[72] BERGSTROM, CHRIS, US
[72] BUTTERBRODT, JAY, US
[72] FIEDLER, ALAN, US
[72] GINSBERG, BARRY, US
[72] GORDON, TIMOTHY, US
[72] UPHAM, PAUL, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2007-03-23
[41] 2007-10-04
[62] 2,646,279
[30] US (60/784,760) 2006-03-23

[21] **2,884,022**
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 4/00 (2006.01) A01H 5/00 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12N 15/87 (2006.01)**

[25] EN

[54] **METHODS FOR PRODUCING TRANSGENIC CORN PLANTS IN A SINGLE CONTAINER**

[54] **PROCEDE DE PRODUCTION DE PLANTS DE MAIS TRANSGENIQUES DANS UN CONTENANT UNIQUE**

[72] AKULA, ANISHA, US
[72] DUNCAN, DAVID R., US
[72] LOWE, BRENDA, US
[72] MANN, MICHAEL T., US
[72] PETERSEN, WILLIAM L., US
[72] ROUT, JYOTI R., US
[72] SONGSTAD, DAVID D., US
[72] WILKS, JOEL B., US
[72] ZHANG, WANGGEN, US
[71] MONSANTO TECHNOLOGY LLC, US
[22] 2007-08-31
[41] 2008-03-06
[62] 2,666,821
[30] US (60/841,519) 2006-08-31

[21] **2,884,229**
[13] A1

[51] **Int.Cl. E21B 33/043 (2006.01) E21B 33/035 (2006.01)**

[25] EN

[54] **SUBSEA TOOL HAVING COUPLER FOR BODIES**

[54] **OUTIL SOUS-MARIN AYANT UN COUPLEUR POUR CORPS**

[72] NGUYEN, DENNIS P., US
[72] TAYLOR, THOMAS E., US
[71] CAMERON INTERNATIONAL CORPORATION, US
[22] 2008-05-19
[41] 2009-01-29
[62] 2,691,253
[30] US (60/950,844) 2007-07-19

[21] **2,884,358**
[13] A1

[51] **Int.Cl. A62C 35/68 (2006.01)**

[25] EN

[54] **CONCEALED SPRINKLER**

[54] **ARROSEUR INVISIBLE**

[72] ABELS, BERNHARD, US
[72] SILVA, MANUEL R., JR., US
[72] CHAVEZ, MARCELO J., US
[71] TYCO FIRE PRODUCTS LP, US
[22] 2007-11-28
[41] 2008-06-05
[62] 2,669,743
[30] US (60/861,239) 2006-11-28

[21] **2,884,444**
[13] A1

[51] **Int.Cl. A61B 17/56 (2006.01) A61B 17/80 (2006.01)**

[25] EN

[54] **COMPRESSOR-DISTRATOR**

[54] **DISPOSITIF DE COMPRESSION-DISTRACTION**

[72] CHAN, JASON S., US
[72] MAST, JEFF W., US
[72] DIDOMENICO, SCOTT R., US
[72] MAYO, KEITH A., US
[72] BOLHOFNER, BRETT R., US
[71] SYNTHES USA, LLC, US
[22] 2005-06-30
[41] 2006-02-09
[62] 2,572,623
[30] US (10/884,704) 2004-07-02

[21] **2,884,486**
[13] A1

[51] **Int.Cl. G06T 9/00 (2006.01) H04N 19/14 (2014.01) H04N 19/159 (2014.01) H04N 19/186 (2014.01) H04N 19/91 (2014.01)**

[25] EN

[54] **DETERMINING INTRA PREDICTION MODE OF IMAGE CODING UNIT AND IMAGE DECODING UNIT**

[54] **DETERMINATION D'UN MODE DE PREDICTION INTRA D'UNE UNITE DE CODAGE D'IMAGE ET D'UNE UNITE DE DECODAGE D'IMAGE**

[72] MIN, JUNG-HYE, KR
[72] ALSHINA, ELENA, KR
[72] HAN, WOO-JIN, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2011-04-05
[41] 2011-10-13
[62] 2,795,475
[30] KR (10-2010-0031145) 2010-04-05

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

[21] **2,884,502**
[13] A1

[51] **Int.Cl. H04W 24/10 (2009.01) H04W 72/04 (2009.01)**
[25] EN
[54] **COMPUTATION OF CHANNEL STATE FEEDBACK IN SYSTEMS USING COMMON REFERENCE SIGNAL INTERFERENCE CANCELATION**
[54] **CALCUL DE RETOUR D'INFORMATIONS D'ETAT DE CANAL DANS SYSTEMES UTILISANT ANNULATION DE BROUILLAGE A SIGNAL DE REFERENCE COMMUN**
[72] DAMNJANOVIC, ALEKSANDAR, US
[72] YOO, TAESANG, US
[71] QUALCOMM INCORPORATED, US
[22] 2011-02-18
[41] 2011-08-25
[62] 2,788,843
[30] US (61/306,418) 2010-02-19
[30] US (13/023,432) 2011-02-08

[21] **2,884,537**
[13] A1

[51] **Int.Cl. H04N 19/59 (2014.01) H04N 19/14 (2014.01) H04N 19/186 (2014.01) H04N 19/44 (2014.01)**
[25] EN
[54] **DETERMINING INTRA PREDICTION MODE OF IMAGE CODING UNIT AND IMAGE DECODING UNIT**
[54] **DETERMINATION D'UN MODE DE PREDICTION INTRA D'UNE UNITE DE CODAGE D'IMAGE ET D'UNE UNITE DE DECODAGE D'IMAGE**
[72] MIN, JUNG-HYE, KR
[72] ALSHINA, ELENA, KR
[72] HAN, WOO-JIN, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2011-04-05
[41] 2011-10-13
[62] 2,795,475
[30] KR (10-2010-0031145) 2010-04-05

[21] **2,884,540**
[13] A1

[51] **Int.Cl. G06T 9/00 (2006.01) H04N 19/14 (2014.01) H04N 19/159 (2014.01) H04N 19/186 (2014.01) H04N 19/91 (2014.01)**
[25] EN
[54] **DETERMINING INTRA PREDICTION MODE OF IMAGE CODING UNIT AND IMAGE DECODING UNIT**
[54] **DETERMINATION D'UN MODE DE PREDICTION INTRA D'UNE UNITE DE CODAGE D'IMAGE ET D'UNE UNITE DE DECODAGE D'IMAGE**
[72] MIN, JUNG-HYE, KR
[72] ALSHINA, ELENA, KR
[72] HAN, WOO-JIN, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2011-04-05
[41] 2011-10-13
[62] 2,795,475
[30] KR (10-2010-0031145) 2010-04-05

[21] **2,884,654**
[13] A1

[51] **Int.Cl. B62D 33/027 (2006.01) F16F 9/14 (2006.01) F16F 9/516 (2006.01)**
[25] EN
[54] **ROTATIONAL SPEED REDUCTION DEVICE FOR TRUCK TAILGATE**
[54] **DISPOSITIF DE REDUCTION DE LA VITESSE DE ROTATION POUR HAYON DE CAMION**
[72] HORITA, NAOHIRO, JP
[72] KANEKO, RYOHEI, JP
[71] OILES CORPORATION, JP
[22] 2012-07-19
[41] 2013-01-31
[62] 2,840,757
[30] JP (2011-166054) 2011-07-28

[21] **2,884,901**
[13] A1

[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/00 (2006.01) A61K 47/30 (2006.01)**
[25] EN
[54] **TIMED, PULSATILE RELEASE SYSTEMS**
[54] **SYSTEMES DE LIBERATION CHRONOCONTROLEE PAR IMPULSIONS**
[72] VENKATESH, GOPI, US
[71] APTALIS PHARMATECH, INC., US
[22] 2006-05-01
[41] 2006-11-09
[62] 2,606,813
[30] US (11/120,139) 2005-05-02

[21] **2,884,941**
[13] A1

[51] **Int.Cl. A63B 23/18 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **RESPIRATORY MUSCLE ENDURANCE TRAINING DEVICE AND METHOD FOR THE USE THEREOF**
[54] **DISPOSITIF D'ENTRAINEMENT EN ENDURANCE DES MUSCLES RESPIRATOIRES ET SON PROCEDE D'UTILISATION**
[72] FOLEY, MARTIN P., CA
[72] GRZYCHOWSKI, JERRY R., US
[71] TRUDELL MEDICAL INTERNATIONAL, CA
[22] 2009-02-19
[41] 2009-08-27
[62] 2,716,511
[30] US (61/030,436) 2008-02-21

[21] **2,884,960**
[13] A1

[51] **Int.Cl. G01F 11/24 (2006.01) A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **VARIABLE GEOMETRY METER ROLLER**
[54] **ROULEAU DOSEUR A GEOMETRIE VARIABLE**
[72] KOWALCHUK, TREVOR LAWRENCE, CA
[72] TURNER, JACK DONALD, CA
[72] ENGEL, GORDON ANTHONY, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2011-09-29
[41] 2012-09-25
[62] 2,753,793
[30] US (13/071,812) 2011-03-25

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,884,972**
[13] A1

[51] **Int.Cl. G01M 3/36 (2006.01) B23K 26/20 (2014.01) G02B 6/42 (2006.01) H01L 23/10 (2006.01) H05K 5/06 (2006.01)**

[25] EN

[54] **DEVICE PACKAGE AND METHODS FOR THE FABRICATION AND TESTING THEREOF**

[54] **BOITIER DE DISPOSITIF ET METHODES DE FABRICATION ET D'ESSAI**

[72] SHERRER, DAVID W., US

[72] RASNAKE, LARRY J., US

[72] FISHER, JOHN J., US

[71] NUVOTRONICS, LLC, US

[22] 2004-09-15

[41] 2005-03-15

[62] 2,793,031

[30] US (60/502,868) 2003-09-15

[21] **2,884,980**
[13] A1

[51] **Int.Cl. A46B 9/04 (2006.01)**

[25] EN

[54] **ORAL CARE IMPLEMENT**

[54] **INSTRUMENT DE SOIN BUCCAL**

[72] BAERTSCHI, ARMIN, CH

[72] ZWIMPFER, MARTIN, CH

[72] MOSKOVICH, ROBERT, US

[71] COLGATE-PALMOLIVE COMPANY, US

[22] 2009-08-31

[41] 2010-03-04

[62] 2,734,268

[30] US (12/201,027) 2008-08-29

[21] **2,884,987**
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**

[25] EN

[54] **AN IMPROVED ATOMIZING ELECTRONIC CIGARETTE**

[54] **CIGARETTE ELECTRONIQUE A PULVERISATION AMELIOREE**

[72] HON, LIK, HK

[71] FONTEM HOLDINGS 1 B.V., NL

[22] 2010-01-28

[41] 2010-08-19

[62] 2,752,255

[30] CN (200920001296.3) 2009-02-11

[21] **2,884,997**
[13] A1

[51] **Int.Cl. A61M 5/172 (2006.01) A61B 5/145 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **SAFEGUARDING TECHNIQUES FOR A CLOSED-LOOP INSULIN INFUSION SYSTEM**

[54] **TECHNIQUES DE SECURITE POUR SYSTEME DE PERFUSION D'INSULINE EN BOUCLE FERMEE**

[72] MASTROTOTARO, JOHN J., US

[72] GROSMAN, BENYAMIN, US

[72] PARIKH, NEHA J., US

[72] ROY, ANIRBAN, US

[72] KEENAN, DESMOND BARRY, US

[71] MEDTRONIC MINIMED, INC., US

[22] 2013-08-14

[41] 2014-03-06

[62] 2,882,300

[30] US (61/694950) 2012-08-30

[30] US (61/694961) 2012-08-30

[30] US (61/812874) 2013-04-17

[30] US (13/870910) 2013-04-25

[30] US (13/870907) 2013-04-25

[30] US (13/870902) 2013-04-25

[30] US (13/966120) 2013-08-13

[30] US (13/966114) 2013-08-13

[30] US (13/966101) 2013-08-13

[30] US (13/966109) 2013-08-13

[21] **2,885,003**
[13] A1

[51] **Int.Cl. A61M 5/172 (2006.01) A61B 5/145 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **SAFEGUARDING TECHNIQUES FOR A CLOSED-LOOP INSULIN INFUSION SYSTEM**

[54] **TECHNIQUES DE SECURITE POUR SYSTEME DE PERFUSION D'INSULINE EN BOUCLE FERMEE**

[72] MASTROTOTARO, JOHN J., US

[72] GROSMAN, BENYAMIN, US

[72] PARIKH, NEHA J., US

[72] ROY, ANIRBAN, US

[72] KEENAN, DESMOND BARRY, US

[71] MEDTRONIC MINIMED, INC., US

[22] 2013-08-14

[41] 2014-03-06

[62] 2,882,300

[30] US (61/694950) 2012-08-30

[30] US (61/694961) 2012-08-30

[30] US (61/812874) 2013-04-17

[30] US (13/870907) 2013-04-25

[30] US (13/870902) 2013-04-25

[30] US (13/870902) 2013-04-25

[30] US (13/966109) 2013-08-13

[30] US (13/966101) 2013-08-13

[30] US (13/966120) 2013-08-13

[30] US (13/966114) 2013-08-13

[21] **2,885,049**
[13] A1

[51] **Int.Cl. E21B 29/00 (2006.01) E21B 43/10 (2006.01)**

[25] EN

[54] **COMPLIANT EXPANSION SWAGE**

[54] **REDRESSE-TUBES FLEXIBLE EXTENSIBLE**

[72] THOMSON, GORDON, US

[72] RING, LEV, US

[72] GANDIKOTA, VARADARAJU, US

[72] REINHARDT, PAUL ANDREW, US

[72] LUKE, MIKE A., US

[72] LI, DAVID S., US

[71] WEATHERFORD/LAMB, INC., US

[22] 2009-10-13

[41] 2010-04-13

[62] 2,828,846

[30] US (12/250,080) 2008-10-13

[30] US (61/243,994) 2009-09-18

[30] US (12/575,977) 2009-10-08

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[21] **2,885,051**
[13] A1

[51] **Int.Cl. H04W 16/18 (2009.01) H04W 24/10 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR NETWORK MANAGEMENT**
[54] **SYSTEME ET PROCEDE DE GESTION DE RESEAU**
[72] STAMOULIS, ANASTASIOS, US
[72] CHAKRABARTI, ARNAB, US
[72] LIN, DEXU, US
[72] AZARIAN YAZDI, KAMBIZ, US
[72] JI, TINGFANG, US
[71] QUALCOMM INCORPORATED, US
[22] 2009-07-24
[41] 2010-01-28
[62] 2,730,289
[30] US (61/083,840) 2008-07-25
[30] US (61/083,845) 2008-07-25
[30] US (12/507,980) 2009-07-23

[21] **2,885,053**
[13] A1

[51] **Int.Cl. H04W 72/00 (2009.01) H04J 13/00 (2011.01) H04L 5/00 (2006.01) H04L 27/26 (2006.01)**
[25] EN
[54] **MULTIPLEXING DEMODULATION REFERENCE SIGNALS IN WIRELESS COMMUNICATIONS**
[54] **MULTIPLEXAGE DE SIGNAUX DE REFERENCE DE DEMODULATION DANS DES COMMUNICATIONS SANS FIL**
[72] LUO, XILIAN, US
[72] CHEN, WANSHI, US
[72] ZHANG, XIAOXIA, US
[72] GAAL, PETER, US
[72] MONTOJO, JUAN, US
[71] QUALCOMM INCORPORATED, US
[22] 2011-01-11
[41] 2011-07-14
[62] 2,785,798
[30] US (61/293,991) 2010-01-11
[30] US (12/987,771) 2011-01-10

[21] **2,885,093**
[13] A1

[51] **Int.Cl. F16L 9/14 (2006.01) B29C 45/14 (2006.01) B29C 49/26 (2006.01) F15D 1/02 (2006.01) F16L 47/14 (2006.01) F16L 55/00 (2006.01) F16L 55/027 (2006.01)**
[25] EN
[54] **MULTIPLE MATERIAL PIPING COMPONENT**
[54] **COMPOSANT DE TUYAUTERIE MULTIMATIERE**
[72] GALLAGHER, JAMES E., US
[72] GALLAGHER, MICHAEL D., US
[71] SAVANT MEASUREMENT CORPORATION, US
[22] 2008-03-14
[41] 2008-10-16
[62] 2,679,650
[30] US (11/732,622) 2007-04-04

[21] **2,885,124**
[13] A1

[51] **Int.Cl. G01F 11/24 (2006.01) A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
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[54] **ROULEAU DOSEUR A GEOMETRIE VARIABLE**
[72] KOWALCHUK, TREVOR LAWRENCE, CA
[72] TURNER, JACK DONALD, CA
[72] ENGEL, GORDON ANTHONY, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2011-09-29
[41] 2012-09-25
[62] 2,753,793
[30] US (13/071,812) 2011-03-25

[21] **2,885,154**
[13] A1

[51] **Int.Cl. G01F 11/24 (2006.01) A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
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[54] **ROULEAU DOSEUR A GEOMETRIE VARIABLE**
[72] KOWALCHUK, TREVOR LAWRENCE, CA
[72] TURNER, JACK DONALD, CA
[72] ENGEL, GORDON ANTHONY, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2011-09-29
[41] 2012-09-25
[62] 2,753,793
[30] US (13/071,812) 2011-03-25

[21] **2,885,159**
[13] A1

[51] **Int.Cl. G01F 11/24 (2006.01) A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
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[54] **ROULEAU DOSEUR A GEOMETRIE VARIABLE**
[72] KOWALCHUK, TREVOR LAWRENCE, CA
[72] TURNER, JACK DONALD, CA
[72] ENGEL, GORDON ANTHONY, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2011-09-29
[41] 2012-09-25
[62] 2,753,793
[30] US (13/071,812) 2011-03-25

[21] **2,885,339**
[13] A1

[51] **Int.Cl. A47J 19/02 (2006.01) A47J 43/046 (2006.01) A47J 43/07 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN FOOD PROCESSOR APPLIANCES**
[54] **AMELIORATIONS APORTEES A DES APPAREILS DE TRAITEMENT D'ALIMENTS**
[72] COHEN, ELI, IL
[72] GRANT, ANN, US
[71] AAC TRADE LTD., US
[22] 2007-01-03
[41] 2007-07-19
[62] 2,637,406
[30] US (11/329,054) 2006-01-11

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VEREGIN, RICHARD P. N.	2,794,536	WELLING, MARCUS		XEROX CORPORATION	2,773,805
VEREGIN, RICHARD P. N.	2,798,832	STEFANUS	2,656,800	XEROX CORPORATION	2,779,746
VEYANCE TECHNOLOGIES, INC.	2,843,936	WELLNITZ, JESSICA E.	2,634,461	XEROX CORPORATION	2,788,947
VIIDU, SHIM	2,678,012	WENDT, JOHN A.	2,807,005	XEROX CORPORATION	2,794,536
VIJAYENDRAN, BHIMA R.	2,624,452	WENNSTROM, MATTIAS	2,747,222	XEROX CORPORATION	2,798,290
VILLAGRAN, MARIA DOLORES MARTINEZ- SERNA	2,767,548	WENTINCK, HENDRIK MARTINUS	2,656,800	XEROX CORPORATION	2,798,832
VILLEGER, SANDRINE	2,671,110	WERNER, KURT P.	2,797,984	XEROX CORPORATION	2,813,478
VIRTANEN, HENRI	2,751,302	WESTBROOK, CAMERON D.	2,616,310	XIE, JI	2,594,871
VISOPTICAL, LLC	2,820,972	WESTERMAN, WAYNE CARL	2,772,544	XIE, YANJUN	2,607,737
VISX, INCORPORATED	2,555,705	WESTHAEUSER, GUENTER	2,692,614	XIE, YUMING	2,788,186
VITT, PAUL HADLEY	2,597,654	WESTPORT POWER INC.	2,849,623	XU, ZHENG RONG	2,610,606
VLASIC, EDWARD	2,611,112	WEYERHAEUSER NR COMPANY	2,699,899	XYDIS, CHRISTOPHER	2,852,736
VOGLER, KLAUS	2,774,879	WHEELER, LORRAINE S.	2,625,810	YAJIMA, HIROSHI	2,866,414
VOGLIANO, ROBERT H.	2,843,936	WHIRLPOOL CORPORATION	2,416,055	YAMAMOTO, KATSUKO	2,676,513
VOLPONI, MICHELE	2,744,039	WHITEBOOK, BARRY A.	2,794,032	YAMAMURA, MAKOTO	2,685,970
VON FREYMANN, GEORG	2,701,597	WHITEHOUSE, OLIVER	2,720,825	YAN, JIE	2,773,116
VON KOSSAK- GLOWCZEWSKI, THOMAS PAUL	2,650,604	WHITWORTH, DENVER RAY	2,763,181	YAN, PHILIP	2,847,142
VONG, CUONG	2,798,832	WICHERS, WICH	2,802,795	YAN, XIAOQIANG	2,801,814
VOZZA, LUIGI	2,657,846	WIGHT, DAVID	2,703,376	YANES, FELIPE J.	2,707,155
VRANDERICK, MANON	2,847,022	WILKINS, ROGER S.	2,667,120	YANG, CHIN-FEN	2,568,020
WABTEC HOLDING CORP.	2,684,343	WILLIAMS, BENNY J.	2,628,190	YANG, FAN	2,658,166
WABTEC HOLDING CORP.	2,684,389	WILLIAMS, JOHN I.	2,669,905	YANG, HAIBIN	2,801,814
WABTEC HOLDING CORP.	2,720,019	WILLIAMS, STEPHEN E.	2,787,077	YANG, HUA	2,581,232
WABTEC HOLDING CORP.	2,725,364	WILLIAMS, TERRY	2,654,316	YANG, JEONG HYU	2,758,104
WACHTER, ANDREAS K.	2,715,977	WILLIAMSON, MICHAEL V., JR.	2,565,659	YANG, SUXIA	2,798,832
WADA, RIE	2,781,958	WILLIG, HUBERT	2,804,875	YANG, XIAOJING	2,594,871
WAGNER, EVA	2,607,737	WILLSHER, WILLIAM A.	2,684,066	YANG, YAN	2,794,032
WAKABAYASHI, NAOMI	2,769,013	WILSON, BARRY M.	2,843,936	YE, IVAN	2,625,121
WAKE FOREST UNIVERSITY HEALTH SCIENCES	2,632,794	WILSON, M. FRANK	2,720,019	YOKOYAMA, HIROYASU	2,677,770
WALLIN, REIDAR	2,632,794	WINEY, KAREN	2,614,601	YOKOYAMA, SHIN	2,821,729
WALMSLEY, CHRIS	2,871,992	WINSOR, ROBERT B.	2,760,142	YOON, SUNG YONG	2,645,910
WALPOLE, CHRISTOPHER	2,581,232	WINTERSTEIGER AG	2,741,674	YOSHIOKA, TAKAYASU	2,781,958
WAN, CHUNG-ZONG	2,729,241	WNEK, PATRICK H.	2,784,590	YU, JUNG-PIL	2,645,533
WANG, GAN	2,634,084	WOELFEL, MATHIAS	2,774,879	YUAN, PEDRO HUANG BAI	2,774,505
WANG, HANMING	2,802,795	WOITTENNEK, FRANZISKA	2,774,879	YUAN, SIMON	2,789,678
WANG, HSIN-PANG	2,611,471	WOITTENNEK, FRANZISKA	2,809,887	YUASA, DAIJIRO	2,677,770
WANG, TAO	2,594,871	WOLF, MICHAEL	2,652,394	YUCE, MITHAT	2,805,894
WARANIS, ROBERT P.	2,662,827	WONG, KEVIN	2,612,528	YUDO, KAZUO	2,732,715
WARE, CHARLES H.	2,644,612	WONG, RYAN HONG	2,581,286	YUN, XIAO BING	2,658,945
WARM, BERNDT	2,809,887	WOO, SOON HYUNG	2,465,978	ZAHNER, DAVID	2,672,594
WATSON, JAMES B.	2,508,532	WOOD, TOMMIE L.	2,794,228	ZANICHELLI, LUCA	2,636,723
WAVELIGHT GMBH	2,774,879	WOOLLEY, SIMON	2,625,121	ZAVIALOV, ILIA	2,594,871
WAVELIGHT GMBH	2,809,887	WORDEN, ELI	2,852,736	ZAWIERUCHA, JOSEPH	2,692,965
WAYMAN, BRIAN H.	2,691,359	WORLD ENERGY SYSTEMS, INC.	2,644,612	ZDRALEK, JAMES FRANKLIN	2,737,084
WAYMAN, BRIAN H.	2,727,398	WORLD WIDE STATIONERY MFG. CO., LTD.	2,766,236	ZEHETNER, MARKUS	2,830,919
WAYTE, KENNETH MICHAEL	2,659,542	WOSNICK, JORDAN	2,731,749	ZEILER, BERTRAM	2,749,642
WEATHERBEE, GRANT	2,871,992	WOUTTERS, STEVE ANDRE	2,820,844	ZENG, YIJUN	2,650,180
WEATHERFORD TECHNOLOGY HOLDINGS, LLC	2,746,626	WU, GEORGE G.	2,594,871	ZENONI, MAURIZIO	2,743,326
WEBB, CLIVE ALAN	2,574,566	WU, HERREN	2,536,238	ZHAN, LANG	2,591,020
WEBB, YVETTE ROSE	2,574,566	WU, HUAN	2,676,406	ZHANG, DONG-QING	2,673,100
		WU, KUNSHENG	2,581,846	ZHANG, LIHUA(LILY)	2,658,261
		WURST, JOSHUA R.	2,592,904	ZHANG, WEIHAN	2,801,814
		WURTH ELEKTRONIK EISOS GMBH & CO. KG	2,653,229	ZINDL, PETER	2,830,919
				ZODIAC POOL SYSTEMS, INC.	2,642,166
				ZOETIS LLC	2,807,005
				ZTE CORPORATION	2,773,116
				ZUIDVELD, PIETER LAMMERT	2,650,604
				ZUYEV, KONSTANTIN S.	2,765,238

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8479950 CANADA INC.	2,864,960	BETTI, GIUSEPPE	2,864,533	COLES, RANDOLPH S.	2,829,523
ABRAMOVICH, SAGI	2,828,363	BIAGE, DANIEL	2,865,456	COLLIER, KYLE ANTHONY	2,828,038
ACKERMANN, WILLIAM K.	2,854,728	BIC-VIOLEX SA	2,862,226	COLOMBO, MIRCO	2,864,998
AHN, YOO SOO	2,836,356	BIEDSCHEID, RICK A.	2,857,830	COLORIGHT LTD.	2,828,363
AHN, YOO SOO	2,863,305	BITTENSON, STEVEN N.	2,863,794	COLWELL, JOSEPH J.	2,866,030
AIRBUS OPERATIONS (SAS)	2,859,246	BLACKBERRY LIMITED	2,865,654	COMCAST CABLE	
ALSTOM TECHNOLOGY LTD	2,864,998	BLAIS, MARIO	2,857,819	COMMUNICATIONS, LLC	2,864,621
ALZER, HEIKO	2,864,661	BOUCHARD, PIERRE-LUC	2,875,885	COMDATA NETWORK, INC.	2,828,336
AMEND, VICTOR	2,828,152	BREINDEL, JAY	2,861,981	COMORET, EMILIEN	2,865,151
AMERICAN RAILCAR		BRENNER, MARK W.	2,864,902	COMTROL CORPORATION	2,864,653
INDUSTRIES, INC.	2,865,455	BRIDGES, MARK K.	2,859,383	CONRAD, NINA	2,829,002
ANDERSEN CORPORATION	2,852,485	BROUGHMAN, JAMES		CONRAD, NINA	2,829,041
ANDERSEN, CLAYTON R.	2,864,874	MICHAEL	2,865,478	CONRAD, NINA	2,829,075
ANDREONI, TODD	2,860,698	BRUBACHER, JONATHAN		CONRAD, WAYNE ERNEST	2,828,855
APONG, PHIL	2,862,370	QUINN	2,865,654	CONRAD, WAYNE ERNEST	2,829,002
APS TECHNOLOGY, INC.	2,864,545	BUNN, CRAIG A.	2,857,884	CONRAD, WAYNE ERNEST	2,829,041
APS TECHNOLOGY, INC.	2,864,549	BURFORD, DARYL JOHN	2,863,340	CONRAD, WAYNE ERNEST	2,829,075
ARDENKJAER LARSEN, JAN		BURKE, BRIAN	2,829,002	CONTELEC AG	2,865,152
HENRIK	2,864,563	BURKE, BRIAN	2,829,041	COOPER, JAMES A.	2,864,587
ARISDYNE SYSTEMS, INC.	2,830,276	BURKE, BRIAN	2,829,075	CORBETT, JERRY L.	2,830,568
ARPIN, BILL	2,864,653	BURWELL, GREG	2,865,449	CORBETT, JERRY L.	2,837,666
ARRUTI, CHRISTOPHE	2,859,246	CALAS PRODUCTION	2,864,973	COULOMBE, MARTIN M. C.	2,828,386
ASRAR, JAWED	2,864,353	CALAS, ROBERT	2,864,973	COVIDIEN LP	2,860,193
BACHMANN, ROLF	2,865,152	CALVERT, DAVID AARON	2,860,797	COVIDIEN LP	2,860,197
BACOU, MICHEL	2,859,246	CALVIN, JAMES G.	2,875,515	COVIDIEN LP	2,861,127
BAKER HUGHES		CAMERON, MICHAEL SCOTT	2,856,687	COVIDIEN LP	2,861,981
INCORPORATED	2,858,305	CAMERON, MICHAEL SCOTT	2,858,461	CRYSTAL SPRING COLONY	
BALSAM, GARY	2,862,629	CAMPOMANES, MARC	2,862,401	FARMS LTD.	2,828,451
BARNES, LISA	2,865,137	CAMPOS SOLIS, ROBERTO	2,864,325	CUSTOM STEEL	
BARRE, BERTRAND	2,865,145	CANARM LTD.	2,864,587	MANUFACTURING LTD.	2,865,841
BASHIR, RAZA	2,862,370	CARLAY II, RONALD L.	2,854,297	DA SILVA, JOAQUIM	2,863,690
BAUMANN, MATTHEW		CARLSON, ERIK	2,861,981	DALSKI, ROGER A.	2,865,455
ALEXANDER	2,828,145	CARNEY, JAY R.	2,864,723	DASSAULT SYSTEMES	
BAUMANN, MATTHEW		CASHIN, JAMES A.	2,861,471	AMERICAS CORP.	2,864,915
ALEXANDER	2,864,930	CASTILLO CERVANTES,		DAVARA, GILAD	2,828,363
BAYER MATERIALSCIENCE		SALVADOR	2,864,325	DE FRANCESCO, MARIO	
LLC	2,865,118	CAVADISTRIB. INC.	2,865,075	ANTONIO	2,864,873
BEAVER, ROBERT IRVEN, III	2,864,039	CERTAINTEE		DE LEON VAZQUEZ,	
BECK, JASON	2,864,804	CORPORATION	2,864,703	EDUARDO	2,838,286
BECK, JASON	2,864,806	CGG SERVICES SA	2,865,100	DEERE & COMPANY	2,864,511
BECTON, DICKINSON AND		CHAPPLES, JOHN	2,864,320	DEERENBERG, ROBERT	
COMPANY	2,860,698	CHATTEM, INC.	2,865,137	MITCH	2,864,728
BEDARD, RON	2,865,076	CHEN, ER XI	2,878,801	DEPUY MITEK, LLC	2,863,794
BEDCOLAB, LTD.	2,865,076	CHENG, HO PING	2,832,469	DEPUY MITEK, LLC	2,863,888
BEDROCK AUTOMATION		CHERUKURI, MURALI		DESTEPHEN, MARIO	2,864,498
PLATFORMS INC.	2,875,515	KRISHNA	2,864,563	DESTEPHEN, MARIO	2,864,502
BELAND, PAUL	2,865,779	CHEVRON JAPAN LTD.	2,863,895	DEVARAKONDA, MARUTHI	2,863,335
BELL HELICOPTER TEXTRON		CHOUDARY, NITHIN	2,864,511	DEVASAHAYAM,	
INC.	2,862,600	CHOW, PHILIP P.	2,828,174	NALLATHAMBY	2,864,563
BELL HELICOPTER TEXTRON		CIUPA, CATHERINE	2,828,174	DIETZ, ALBERT G., III	2,864,353
INC.	2,865,131	CLAVIER, JULIE	2,864,998	DOBINSON, IAN	2,864,915
BENNY, ELIYAHU	2,828,363	CLISH, TIMOTHY	2,875,515	DOBROSKOK, ANASTASIA	2,864,964
BERGERON, NICOLAS	2,827,698	CLOUTIER, KAYLA	2,861,981	DOBSCH, JUSTIN	2,865,455
BERNARDO, MARCELINO	2,864,563	COBLENTZ, JAMIE	2,864,960	DOURFAYE, ALFAZAZI	2,864,544

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DUFFIELD, BEN	2,864,351	GILES, ERIC	2,865,118	JELMAR, LLC	2,865,327
EAGLEPICHER		GLAS TROSCH HOLDING AG	2,861,267	JELMAR, LLC	2,865,342
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EAGLEPICHER		GOEBEL, BENJAMIN JOHN	2,852,485	JESWANI, ANIL	2,858,715
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EATON CORPORATION	2,852,082	GOLD, HOWARD	2,860,698	JOHNS MANVILLE	2,864,353
ECOCOMPOUNDS, INC.	2,860,797	GOMACO CORPORATION	2,864,902	JOHNSON & JOHNSON	
EDWARDS, PAUL	2,829,065	GREEN, CRAIG	2,865,371	VISION CARE, INC.	2,863,758
EFTHIMIADIS, DIMITRIOS	2,862,226	GREEN, DONNA LOUISE	2,863,338	JOHNSON, JOSHUA H.	2,860,197
ELEFThERIOU, ANDREAS	2,862,397	GREGORY, LAURA	2,864,709	JOHNSTON, MARK	2,860,197
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EWALD, MICHAEL	2,864,661	HALLIBURTON ENERGY		KABUSHIKI KAISHA OKADA	
FAINOR, JUDITH A.	2,864,309	SERVICES, INC.	2,829,523	KINZOKU KOGYOSHO	2,861,910
FARR, THOMAS C.	2,864,902	HARNISCHFEGER		KABUSHIKI KAISHA TOYOTA	
FENG, YU WILLIAM	2,865,654	TECHNOLOGIES, INC.	2,866,030	JIDOSHOKKI	2,864,571
FERLAND, GILLES	2,865,456	HARRY, DAVID N.	2,864,203	KALKANOGLU, HUSNU M.	2,864,703
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FILTER, EVAN J.	2,856,907	HARVILL, LESLIE YOUNG	2,864,039	BRUNO	2,861,267
FINN, MICHAEL R.	2,857,892	HE, XIAOZHONG	2,862,958	KATO, NORIHIKO	2,864,571
FINN, MICHAEL R.	2,858,233	HECKLER, REID	2,859,815	KELLY, WILLIAM T.	2,861,981
FINN, MICHAEL R.	2,858,357	HERAEUS MEDICAL GMBH	2,861,915	KHANG, DAVID TAE-WON	2,863,880
FISHER, ROBERT E., II	2,864,364	HERNANDEZ, CARLOS H.	2,863,697	KIELY, GEORGE	2,821,587
FLETCHER, COLIN	2,862,600	HERRWERTH, SASCHA	2,864,661	KLEIN, KEVIN L.	2,864,902
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FRANZ, RENE FERNANDEZ	2,860,797	HONDA MOTOR CO., LTD.	2,858,490	KRAUSE, STEVEN	2,864,317
FU, WUJUN	2,864,498	HONDA MOTOR CO., LTD.	2,858,950	KRUGMANN, ROLAND	2,861,267
FU, WUJUN	2,864,502	HONEYWELL		KRUPICH, LEILA	2,865,848
FUSEBILL INC.	2,865,449	INTERNATIONAL INC.	2,857,884	KUAN, HON MAN	2,864,587
G.B.D. CORP	2,828,855	HONEYWELL		KUNZ, DALE	2,828,241
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G.B.D. CORP	2,829,075	INTERNATIONAL INC.	2,864,320	BERNARD	2,854,728
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GALICIA GOMEZ, POLICARPO	2,864,325	HOPPS, DAVID KEVIN	2,852,485	LANDA, BENZION	2,828,363
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GALLUCCI, PETER J.	2,857,918	HUANG, ZHIMING	2,858,715	LARDER, BRIAN DAVID	2,863,338
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GAUDREAU, ROSEMARY	2,865,342	HUNTER DOUGLAS INC.	2,864,364	LAS, ALLAN S.	2,837,666
GAUTHIER, MARC-ANDRE	2,827,698	HUSBAND, JASON	2,854,728	LATEB, RAMDANE	2,863,690
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LIMITED	2,863,338	LIMITED	2,864,709	LAURENT, MAXIM	2,865,659
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GENERAL ELECTRIC		ISHKOV, ELENA	2,828,363	CO., INC.	2,865,659
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WORKS LTD.	2,837,666	NOLL, DONALD		RAWDON, BLAINE KNIGHT	2,858,461
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MALEKAHMADI, FATI	2,864,203	NORDCO INC.	2,865,093	REED, STACHA LYNN	2,852,485
MANDELIK, DANIEL	2,828,363	NORDCO INC.	2,865,095	REIMERS, PETER	2,830,276
MANGEYM, VLADISLAV M.	2,865,001	NORDCO INC.	2,865,099	REITBLAT, ABRAM	2,864,317
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MASSICOTTE, RENE	2,865,075	OBERG, BRADLEY		ROSCO INC.	2,862,629
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MATTSON, MARK L.	2,864,511	OSRAM SYLVANIA INC.	2,858,715	ALEXANDROVICH	2,864,964
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QUALITY IP HOLDINGS, LLC	2,885,562	RICHARD, FREDERIC	2,884,935	RUSSELL, IAN	2,885,345
QUALITY IP HOLDINGS, LLC	2,885,566	RICHARD, GREGOIRE	2,885,162	RUST, RYAN ANDREW	2,885,622
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TUNG, WAE-HAI	2,885,292	VASUDEVAN, VENKATESH	2,885,531	WANG, MIN	2,885,392
TURDLE TIME, LLC	2,885,250	VAZHAPPILLY, REMA	2,885,211	WANG, MIN	2,885,659
TURLAN, MANON	2,885,313	VELDHUIZEN, TODD L.	2,885,244	WANG, SUNAN	2,885,097
TURLAN, MANON	2,885,319	VELIMIROVIC, MILICA	2,885,252	WANG, YE-KUI	2,884,881
TURLAN, MANON	2,885,322	VENEROSO, ENRICO	2,884,928	WANG, YE-KUI	2,885,670
TURNER, CHUCK	2,885,637	VENKITARAMAN,		WANG, YETONG	2,885,281
TURNER, JEREMY	2,884,958	NARAYANAN	2,885,310	WANG, YIRAN	2,885,696
TURNER, JEREMY	2,884,961	VENKITASUBRAMANIAN,		WANG, YUE	2,885,496
TURNER, SUSAN JANE	2,885,356	PADMESH	2,885,311	WANGH, LAWRENCE J.	2,885,195
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TYCO FIRE PRODUCTS LP	2,885,530	VERIFI, INC.	2,885,383	WATSON, THOMAS	2,885,550
TYCO FIRE PRODUCTS LP	2,885,532	VERMEER MANUFACTURING		WATZKE, RONNY	2,885,346
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UCB BIOPHARMA SPRL	2,885,517	VERSALIS S.P.A.	2,885,279	WEDEL, THORSTEN	2,885,105
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UGOLIN, NICOLAS	2,884,867	VERSALIS S.P.A.	2,885,538	WEI, MINGLI	2,885,188
UNIRAC, INC.	2,885,186	VESEY, GRAHAM	2,885,487	WEI, PING	2,885,528
UNITEC S.P.A.	2,885,273	VESITECH LIMITED	2,867,257	WEINSTEIN, ROY	2,885,296
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COMPANY	2,884,947	VICKERS, EARL CORBAN	2,885,175	WEISS, TAD A.	2,885,470
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ANDREWS	2,884,967	VLAAMSE INSTELLING VOOR		WEYRAUCH, DETLEV	2,885,588
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CNH INDUSTRIAL CANADA, LTD.	2,885,124	HAN, WOO-JIN	2,884,486	MIN, JUNG-HYE	2,884,540
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