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# THE CANADIAN PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle  
Commissioner of Patents

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Commissaire aux brevets

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

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

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

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

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## Notices

## Avis

### 1. Dates and Code Numerals Appearing in Patent Headings

#### Dates

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

#### Code Numerals

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

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

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
  
- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date ( Re-Issued, Re-Examined )
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

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

#### Dates

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

#### Chiffres de code

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

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

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

## 2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: ([www.wipo.int/scit/en/standards/standards.htm](http://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](http://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](http://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](http://www.strategis.ic.gc.ca/brevetscommande)) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

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

## 4. Commande de brevets par classe ou sous-classe

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

## 5. Advice on Making a Patent Application

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

## 6. Licensing of Patents

### Voluntary Licences

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

### Compulsory Licences

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

## 7. Patents Available for Licence or Sale

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

## 8. List of Patents Available for Licence or Sale

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

None

## 5. Conseils relatifs à la préparation de demandes de brevets

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

## 6. Octroi de licences en vertu des brevets

### Licences librement accordées

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

### Licences obligatoires

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

## 7. Brevets disponibles pour licence ou vente

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

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

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

Aucun

## 9. Applications Open to Public Inspection

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

## 10. Language of Published Documents

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

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

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1782*
For each additional sheet over 30	\$20
3. International Search Fee	\$1600

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

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

## 9. Demandes mises à la disponibilité du public

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

## 10. Langue du document publié

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

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

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1782 \$*
Pour chaque feuille au delà de 30	20 \$
3. Taxe de recherche internationale	1600 \$

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

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

## Notices

### 4. Late payment fee

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

### Preliminary Examination

5. Handling fee (Rule 57.2(a)) \$268

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

\* International fees will be reduced by:

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

## 12. PCT Notices

### Patent Cooperation Treaty (PCT)

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

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

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

or by "E-mail" ([publications.mail@wipo.int](mailto:publications.mail@wipo.int)) or visit their Web site ([www.wipo.int](http://www.wipo.int)).

### 4. Taxe pour paiement tardif

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

### Examen préliminaire

5. Taxe de traitement (Règle 57.2a) 268 \$

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

\* Les frais seront réduits de:

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

## 12. Avis PCT

### Traité de Coopération en matière de brevets (PCT)

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

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

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

ou par courriel ([publications.mail@wipo.int](mailto:publications.mail@wipo.int)) ou visiter leur site Web ([www.wipo.int](http://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).

### 15. Correspondence Procedures

November 20, 2015

**This notice will replace all previous notices regarding Correspondence Procedures.**

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

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

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

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

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

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

Download the [Fee Payment Form](#).

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

### 15. Procédures de correspondance

le 20 novembre, 2015

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

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

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC ») est la suivante :

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

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

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

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

Téléchargez le [formulaire de paiements](#).

## Notices

### 1. Designated Establishments

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

1. Industry Canada  
C.D. Howe Building  
235 Queen Street, Room S-143  
Ottawa ON K1A 0H5  
Tel.: 613-952-2268  
  
8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
2. Industry Canada  
Sun Life Building  
1155 Metcalfe Street, Room 950  
Montreal QC H3B 2V6  
Tel.: 514-496-1797  
Toll-free: 1 888 237-3037  
  
8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
3. Industry Canada  
151 Yonge Street, 4th Floor  
Toronto ON M5C 2W7  
Tel.: 416-973-5000  
  
8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
4. Industry Canada  
Canada Place  
9700 Jasper Avenue, Suite 725  
Edmonton AB T5J 4C3  
Tel.: 780-495-4782  
Toll-free: 1 800 461-2646  
  
8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
5. Industry Canada  
Library Square  
300 West Georgia Street, Suite 2000  
Vancouver BC V6B 6E1  
Tel.: 604-666-5000  
  
8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

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

### 1. Établissements désignés

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

1. Industrie Canada  
Édifice C.D. Howe  
235, rue Queen, pièce S-143  
Ottawa (Ontario) K1A 0H5  
Tél. : 613-952-2268  
  
8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
2. Industrie Canada  
Édifice Sun Life  
1155, rue Metcalfe, bureau 950  
Montréal (Québec) H3B 2V6  
Tél. : 514-496-1797  
Sans frais : 1-888-237-3037  
  
8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
3. Industrie Canada  
151, rue Yonge, 4e étage  
Toronto (Ontario) M5C 2W7  
Tél. : 416-973-5000  
  
8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
4. Industrie Canada  
Canada Place  
9700, avenue Jasper, pièce 725  
Edmonton (Alberta) T5J 4C3  
Tél. : 780-495-4782  
Sans frais : 1-800-461-2646  
  
8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
5. Industrie Canada  
Library Square  
300, rue Georgia Ouest, pièce 2000  
Vancouver (C.-B.) V6B 6E1  
Tél. : 604-666-5000  
  
8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

## Avis

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

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

### 2. Registered Mail 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.

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

### 3. Electronic Correspondence

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

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

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

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

### 2. Service Courrier recommandé 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.

L'OPIC considère que la correspondance livrée par l'entremise du service Courrier recommandé de Postes Canada est reçue par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

### 3. Correspondance électronique

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

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

## Notices

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

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

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

### 3.1 Facsimile

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

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

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

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

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

### *Patents*

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

### 3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via [CIPO's Web site](#).

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

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

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

### 3.1 Correspondance par télécopieur

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

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

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

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoi. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

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

### *Brevets*

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

### 3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le [site Web de l'OPIC](#).

### Patents

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

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

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

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

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

### Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

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

### Brevets

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

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

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

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

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

### Marques de commerce

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

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

## Notices

### Copyright

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

- [application for registration of a copyright in a work](#),
- [application for registration of a copyright in a performer's performance, sound recording or a communication signal](#);
- [filing a grant of interest](#);
- [request for certificate of correction](#);
- [ordering copies in paper, or electronic form of a document](#); and
- [general correspondence relating to copyright](#).

### Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

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

### Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

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

## 3.3 Electronic Medium

### Patents

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

### Droits d'auteur

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

- [demande d'enregistrement d'un droit d'auteur sur une œuvre](#),
- [demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication](#);
- [dépôt d'une concession d'intérêt](#);
- [demande de certificat de correction](#);
- [commande de copies des documents papier ou électroniques](#) et
- [correspondance générale relative aux droits d'auteur](#).

### Dessins industriels

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

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

### Topographies de circuits intégrés

Topographies de circuits intégrés  
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

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

## 3.3 Supports électroniques

### Brevets

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

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prescribed in the *Patent Rules* still remain.

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

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

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

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

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

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

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

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

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

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

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

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

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

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

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

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

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

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

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

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

## Notices

fee, refer to Section 7 of the PCT Administrative Instructions.

### Electronic Media accepted by the Patent Office

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

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

### 4. Details concerning the electronic formats accepted

#### Patents

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

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

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

#### TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

#### PDF Format:

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

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

### Supports électroniques acceptés par le Bureau des brevets

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

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

### 4. Précisions concernant les formats électroniques acceptés

#### Brevets

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

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

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

#### Format TIFF :

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

#### Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

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

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

### ASCII Format:

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

### Format ASCII :

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

## **Industrial Design**

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

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

### TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi.

### Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi.

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

## **5. General Information**

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

## **Dessins industriels**

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

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

### Format TIFF :

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

### Photographies en format JPEG :

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

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

## **5. Renseignements généraux**

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

Notices

**16. Canadian Applications Open to Public Inspection**

The *Canadian Patent Office Record* of April 26, 2016 contains applications open to public inspection from April 10, 2016 to April 16, 2016.

**16. Demandes canadiennes mises à la disponibilité du public**

La *Gazette du bureau des brevets* du 26 avril 2016 contient les demandes disponibles au public pour consultation pour la période du 10 avril 2016 au 16 avril 2016.

# Canadian Patents Issued

April 26, 2016

## Brevets canadiens délivrés

26 avril 2016

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[11] **2,422,878**  
[13] C  
[51] **Int.Cl. G06Q 30/02 (2012.01) H04L 12/16 (2006.01) G06Q 50/34 (2012.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR FACILITATING INFORMATION REQUESTS**  
[54] **SYSTEME ET PROCEDE CORRESPONDANT FACILITANT LES ECHANGES DE DEMANDES D'INFORMATION**  
[72] DAUGHERTY, F. WILLIAM, US  
[72] SHAPIRO, PETER, US  
[73] MINDSPARK INTERACTIVE NETWORKS, INC., US  
[85] 2003-03-18  
[86] 2001-09-26 (PCT/US2001/030347)  
[87] (WO2002/027613)  
[30] US (60/235,645) 2000-09-26

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[11] **2,429,769**  
[13] C  
[51] **Int.Cl. A61K 38/00 (2006.01) A61K 38/20 (2006.01)**  
[25] EN  
[54] **METHODS OF TREATMENT INVOLVING HUMAN MDA-7**  
[54] **PROCEDES DE TRAITEMENT METTANT EN APPLICATION MDA-7 HUMAIN**  
[72] CHADA, SUNIL, US  
[72] GRIMM, ELIZABETH, US  
[72] MHASHILKAR, ABNER, US  
[72] RAMESH, RAJAGOPAL, US  
[73] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US  
[73] INTROGEN THERAPEUTICS, INC., US  
[85] 2003-05-27  
[86] 2001-12-07 (PCT/US2001/047215)  
[87] (WO2002/045737)  
[30] US (60/254,226) 2000-12-07

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[11] **2,434,963**  
[13] C  
[51] **Int.Cl. G07B 15/06 (2011.01) G07B 15/02 (2011.01) G08G 1/017 (2006.01)**  
[25] EN  
[54] **VEHICLE TRIP DETERMINATION SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE DE DETERMINATION DU PARCOURS D'UN VEHICULE**  
[72] KAVNER, DOUGLAS M., US  
[73] RAYTHEON COMPANY, US  
[85] 2003-07-15  
[86] 2002-01-28 (PCT/US2002/003924)  
[87] (WO2002/059838)  
[30] US (60/264,498) 2001-01-26  
[30] US (60/264,424) 2001-01-26

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[11] **2,441,328**  
[13] C  
[51] **Int.Cl. H04B 1/713 (2011.01) G01S 7/292 (2006.01) G01S 7/36 (2006.01)**  
[25] EN  
[54] **AGILE PRT DECONVOLUTION METHOD AND SYSTEMS, AND ITS USES**  
[54] **METHODE ET SYSTEMES DE DECONVOLUTION DE SIGNAUX A TEMPS DE RECURRENCE DES IMPULSIONS AGILE ET APPLICATIONS CONNEXES**  
[72] ERKOCEVIC-PRIBIC, RADMILA, NL  
[73] THALES NEDERLAND B.V., NL  
[86] (2441328)  
[87] (2441328)  
[22] 2003-09-17  
[30] NL (1021513) 2002-09-23

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[11] **2,452,563**  
[13] C  
[51] **Int.Cl. D21H 17/68 (2006.01) C09C 1/42 (2006.01) C09C 3/04 (2006.01) D21H 19/40 (2006.01)**  
[25] EN  
[54] **HYPERPLATY CLAYS AND THEIR USE IN PAPER COATING AND FILLING, METHODS FOR MAKING SAME, AND PAPER PRODUCTS HAVING IMPROVED BRIGHTNESS**  
[54] **ARGILES HYPERLAMELAIRES ET LEUR UTILISATION DANS LE REVETEMENT ET LE CHARGEMENT DE PAPIER, PROCEDES DE FABRICATION DE CELLES-CI, ET PRODUITS DE PAPIER A BLANCHEUR AMELIOREE**  
[72] JONES, PHILIP J. E., US  
[72] PRUETT, ROBERT J., US  
[72] GARSKA, MICHAEL J., US  
[72] BILIMORIA, BOMI M., US  
[72] YUAN, JUN, US  
[72] CUMMINGS, DAVID O., US  
[72] WESLEY, ROBIN, GB  
[73] IMERYS PIGMENTS, INC., US  
[85] 2003-12-30  
[86] 2002-09-06 (PCT/US2002/028305)  
[87] (WO2003/022933)  
[30] US (60/318,207) 2001-09-07

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[11] **2,466,097**  
[13] C  
[51] **Int.Cl. G06Q 50/34 (2012.01) G06Q 20/42 (2012.01)**  
[25] EN  
[54] **PREPAID ACCOUNT LOTTERY SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE DE LOTERIE A COMPTE PREPAYE**  
[72] WEIL, ALLAN LORNE, US  
[72] HUNTLEY, WILLIAM JAMES, US  
[73] SCIENTIFIC GAMES HOLDINGS LIMITED, IE  
[85] 2004-04-29  
[86] 2002-11-07 (PCT/US2002/035803)  
[87] (WO2003/042897)  
[30] US (10/037,323) 2001-11-09  
[30] US (10/266,292) 2002-10-08

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[11] **2,474,188**  
[13] C

[51] **Int.Cl. A01K 61/00 (2006.01) E02B 5/08 (2006.01)**  
[25] EN  
[54] **METHOD AND DEVICE FOR PREVENTING FOULING BY SHELLFISH**  
[54] **PROCEDE ET DISPOSITIF DESTINES A EMPECHER L'ENCRASSAGE PAR DES CRUSTACES ET COQUILLAGES**  
[72] OORSCHOT, RONALD WILLEM ARIE, NL  
[72] ROOS, CORNELIS, NL  
[73] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL  
[85] 2004-07-28  
[86] 2003-01-29 (PCT/NL2003/000063)  
[87] (WO2003/063584)  
[30] NL (1019861) 2002-01-30

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[11] **2,477,571**  
[13] C

[51] **Int.Cl. H04L 29/06 (2006.01) H04L 9/08 (2006.01)**  
[25] EN  
[54] **KEY MANAGEMENT PROTOCOL**  
[54] **PROTOCOLE DE GESTION DE CLES**  
[72] SOPPERA, ANDREA, GB  
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 2004-08-26  
[86] 2003-03-14 (PCT/GB2003/001096)  
[87] (WO2003/084166)  
[30] EP (02252215.5) 2002-03-27  
[30] EP (02252217.1) 2002-03-27

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[11] **2,493,784**  
[13] C

[51] **Int.Cl. A61L 27/30 (2006.01) A61L 27/28 (2006.01) A61L 27/34 (2006.01) A61L 27/50 (2006.01)**  
[25] EN  
[54] **DURABLE IMPLANT**  
[54] **IMPLANT DURABLE**  
[72] FORSELL, PETER, CH  
[73] PROSTHESICA AG, CH  
[85] 2005-01-25  
[86] 2003-06-19 (PCT/SE2003/001055)  
[87] (WO2004/011051)  
[30] US (60/398,825) 2002-07-29

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[13] C

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[25] EN  
[54] **HBV PRECORE PROTEIN HAVING A PARTICLE-FORMING ABILITY**  
[54] **PROTEINE PRE-NOYAU DU VHB CAPABLE DE FORMER DES PARTICULES**  
[72] MAKI, NOBORU, JP  
[72] KIMURA, TATSUJI, JP  
[72] YAGI, SHINTARO, JP  
[73] ADVANCED LIFE SCIENCE INSTITUTE, INC., JP  
[85] 2005-03-07  
[86] 2003-09-05 (PCT/JP2003/011389)  
[87] (WO2004/022585)  
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[13] C

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[25] EN  
[54] **AMYLASES, NUCLEIC ACIDS ENCODING THEM AND METHODS FOR MAKING AND USING THEM**  
[54] **AMYLASES, ACIDES NUCLEIQUES CODANT CES AMYLASES ET METHODES DE PRODUCTION ET D'UTILISATION DES AMYLASES**  
[72] CALLEN, WALTER, US  
[72] RICHARDSON, TOBY, US  
[72] FREY, GERHARD, US  
[72] GRAY, KEVIN, US  
[72] KEROVUO, JANNE S., US  
[72] SLUPSKA, MALGORZATA, US  
[72] BARTON, NELSON, US  
[72] O'DONOGHUE, EILEEN, US  
[72] MILLER, CARL, US  
[73] BASF ENZYMES LLC, US  
[85] 2005-09-06  
[86] 2004-03-08 (PCT/US2004/007096)  
[87] (WO2004/091544)  
[30] US (10/385,305) 2003-03-06  
[30] US (60/459,014) 2003-03-28

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[25] EN  
[54] **AIR CIRCULATING SYSTEM FOR AN ISOLATION ROOM, NURSES STATION AND THE LIKE**  
[54] **SYSTEME DE CIRCULATION D'AIR POUR CHAMBRE D'ISOLEMENT, STATION D'INFIRMIERES ET AMENAGEMENTS SEMBLABLES**  
[72] CHRISTISON, MICHAEL, CA  
[73] CHRISTISON, MICHAEL, CA  
[86] (2520595)  
[87] (2520595)  
[22] 2005-09-22

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[11] **2,523,675**  
[13] C

[51] **Int.Cl. A61B 18/18 (2006.01)**  
[25] EN  
[54] **ELECTROSURGICAL INSTRUMENT WHICH REDUCES THERMAL DAMAGE TO ADJACENT TISSUE**  
[54] **INSTRUMENT ELECTROCHIRURGICAL REDUISANT LES DOMMAGES THERMIQUES CAUSES AUX TISSUS ADJACENTS**  
[72] CHAPMAN, TROY J., US  
[72] SHIELDS, CHELSEA, US  
[72] SCHECHTER, DAVID A., US  
[73] SHERWOOD SERVICES AG, CH  
[85] 2005-10-25  
[86] 2004-04-29 (PCT/US2004/013273)  
[87] (WO2004/098383)  
[30] US (60/467,027) 2003-05-01

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[11] **2,525,193**  
[13] C

[51] **Int.Cl. A61N 1/362 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DETECTING, DIAGNOSING, AND TREATING CARDIOVASCULAR DISEASE**  
[54] **SYSTEME ET METHODE DE DETECTION, DE DIAGNOSTIC ET DE TRAITEMENT D'UNE MALADIE CARDIOVASCULAIRE**  
[72] EIGLER, NEAL L., US  
[72] WHITING, JAMES S., PH. D., US  
[72] MANN, BRIAN, US  
[73] SAVACOR, INC., US  
[85] 2005-11-08  
[86] 2004-05-12 (PCT/US2004/016186)  
[87] (WO2005/000206)  
[30] US (60/470,468) 2003-05-13  
[30] US (10/697,960) 2003-10-29  
[30] US (10/698,031) 2003-10-29

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[11] **2,525,237**  
[13] C

[51] **Int.Cl. A61N 5/06 (2006.01)**  
[25] EN  
[54] **SKIN TANNING AND LIGHT THERAPY INCORPORATING LIGHT EMITTING DIODES**  
[54] **BRONZAGE ET PHOTOTHERAPIE AYANT RECOURS A DES DIODES ELECTROLUMINESCENTES**  
[72] FISET, PETER D., US  
[73] FISET, PETER D., US  
[85] 2005-11-08  
[86] 2004-05-24 (PCT/US2004/016299)  
[87] (WO2005/000389)  
[30] US (60/473,237) 2003-05-24  
[30] US (10/714,824) 2003-11-17

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[13] C

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[25] EN  
[54] **TRAFFIC INFORMATION SYSTEM**  
[54] **SYSTEME D'INFORMATION ROUTIERE**  
[72] TAMIR, ASAF, IL  
[72] TOPAZ, IDO, IL  
[73] INSURANCE SERVICES OFFICE, INC., US  
[85] 2006-01-06  
[86] 2004-07-07 (PCT/IL2004/000610)  
[87] (WO2005/003885)  
[30] US (60/484,667) 2003-07-07

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[11] **2,535,910**  
[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 33/50 (2006.01) G01N 33/68 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR DETECTING COLON CANCERS**  
[54] **PROCEDES ET COMPOSITIONS POUR LE DEPISTAGE DE CANCERS DU COLON**  
[72] MARKOWITZ, SANFORD D., US  
[73] CASE WESTERN RESERVE UNIVERSITY, US  
[85] 2006-02-14  
[86] 2004-08-16 (PCT/US2004/026478)  
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[30] US (60/495,064) 2003-08-14

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[13] C

[51] **Int.Cl. A61L 27/46 (2006.01) A61L 24/00 (2006.01) A61L 27/42 (2006.01) A61L 27/50 (2006.01)**

[25] EN

[54] **BONE CEMENT COMPOSITIONS HAVING FIBER-REINFORCEMENT AND/OR INCREASED FLOWABILITY**

[54] **COMPOSITION DE CIMENT OSSEUX A RENFORT DE FIBRES ET/OU A FLUIDITE AMELIOREE**

[72] ARMITAGE, BRYAN MONRO, US

[72] ISON, IRA, US

[72] KERR, SEAN, US

[72] FULMER, MARK, US

[72] LEHMICKE, MICHAEL, US

[72] SCHIFFER, WILLIAM, US

[72] LEAMY, PATRICK, US

[73] SYNTHES USA, LLC, US

[85] 2006-03-21

[86] 2004-09-07 (PCT/US2004/029098)

[87] (WO2005/027988)

[30] US (60/500,346) 2003-09-05

[30] US (60/574,532) 2004-05-25

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[11] **2,556,479**  
[13] C

[51] **Int.Cl. A61K 39/385 (2006.01) A61K 38/08 (2006.01) A61K 38/10 (2006.01) A61K 39/00 (2006.01) A61P 25/28 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS COMPRISING SUPRAMOLECULAR CONSTRUCTS**

[54] **PROCEDES ET COMPOSITIONS CONTENANT DES CONSTRUCTIONS SUPRAMOLECULAIRES**

[72] NICOLAU, YVES CLAUDE, CH

[72] GREFERATH, RUTH, DE

[72] HICKMAN, DAVID, FR

[73] AC IMMUNE SA, CH

[85] 2006-08-16

[86] 2005-02-22 (PCT/US2005/005285)

[87] (WO2005/081872)

[30] US (10/783,975) 2004-02-20

[30] US (10/958,211) 2004-10-04

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[11] **2,564,443**  
[13] C

[51] **Int.Cl. A61K 35/00 (2006.01)**

[25] EN

[54] **CANCER CELL GROWTH INHIBITION BY BLACK BEAN (PHASEOLUS VULGARIS L) EXTRACTS**

[54] **INHIBITION DE LA CROISSANCE DE CELLULES CANCEREUSES A L'AIDE D'EXTRAITS D'HARICOT NOIR (PHASEOLUS VULGARIS L)**

[72] GUTIERREZ-URIBE, JANET, MX

[72] SERNA-SALDIVAR, SERGIO, MX

[72] MORENO-CUEVAS, JORGE, MX

[72] HERNANDEZ-BRENES, CARMEN, MX

[72] GUAJARDO-TOUCHE, ELSA, MX

[73] INSTITUTO TECNOLOGICO Y DE ESTUDIOS SUPERIORES DE MONTERREY (ITESM), MX

[85] 2006-10-26

[86] 2005-05-10 (PCT/IB2005/002396)

[87] (WO2005/107780)

[30] US (60/570,029) 2004-05-10

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[11] **2,540,348**  
[13] C

[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) C07K 14/195 (2006.01)**

[25] EN

[54] **METHODS OF ENHANCING STRESS TOLERANCE IN PLANTS AND COMPOSITIONS THEREOF**

[54] **METHODES D'AMELIORATION DE LA TOLERANCE DES PLANTES AU STRESS ET COMPOSITIONS ASSOCIEES**

[72] FERNANDES, MARY, US

[73] MONSANTO TECHNOLOGY LLC, US

[85] 2006-03-27

[86] 2004-09-29 (PCT/US2004/031856)

[87] (WO2005/033318)

[30] US (60/506,717) 2003-09-29

[30] US (60/530,453) 2003-12-17

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[11] **2,559,064**  
[13] C

[51] **Int.Cl. G06Q 50/34 (2012.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR HIGH-SPEED PARI-MUTUEL WAGERING**

[54] **SYSTEME ET PROCEDE SERVANT A ENGAGER DES PARIS DANS UN ENVIRONNEMENT DE PARI MUTUEL A HAUTE VITESSE**

[72] ASHER, JOSEPH M., US

[72] LUTNICK, HOWARD W., US

[73] BGC PARTNERS, INC., US

[85] 2006-09-08

[86] 2005-03-10 (PCT/US2005/007994)

[87] (WO2005/086924)

[30] US (10/798,106) 2004-03-10

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[11] **2,565,633**  
[13] C

[51] **Int.Cl. C07C 279/14 (2006.01) A61K 47/16 (2006.01) A61P 9/00 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **LIPIDS, LIPID COMPLEXES AND USE THEREOF**

[54] **LIPIDES, COMPLEXES LIPIDIQUES ET UTILISATIONS CORRESPONDANTES**

[72] KEIL, OLIVER, DE

[72] KAUFMANN, JOERG, DE

[72] SANTEL, ANSGAR, DE

[73] SILENCE THERAPEUTICS GMBH, DE

[85] 2006-11-03

[86] 2005-05-06 (PCT/EP2005/004920)

[87] (WO2005/105152)

[30] EP (04010700.5) 2004-05-05

[30] EP (04030847.0) 2004-12-27

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[13] C

[51] **Int.Cl. H05B 1/00 (2006.01) F24H 9/20 (2006.01) H05B 3/02 (2006.01)**

[25] EN

[54] **FLUID-HEATING APPARATUS, CIRCUIT FOR HEATING A FLUID, AND METHOD OF OPERATING THE SAME**

[54] **APPAREIL ET CIRCUIT DE CHAUFFAGE DE FLUIDE, ET METHODE DE FONCTIONNEMENT**

[72] KNOEPEL, RAY O., US

[72] MORRIS, DAVID E., US

[73] AOS HOLDING COMPANY, US

[86] (2570575)

[87] (2570575)

[22] 2006-12-07

[30] US (11/296,053) 2005-12-07

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[11] **2,577,317**  
[13] C

[51] **Int.Cl. C07K 1/34 (2006.01)**

[25] EN

[54] **PROCESS FOR CONCENTRATION OF ANTIBODIES AND THERAPEUTIC PRODUCTS THEREOF**

[54] **PROCEDE POUR CONCENTRER DES ANTICORPS, ET PRODUITS THERAPEUTIQUES CORRESPONDANTS**

[72] WINTER, CHARLES MATTHEW, US

[73] GENENTECH, INC., US

[73] NOVARTIS, AG, CH

[85] 2007-02-15

[86] 2005-09-08 (PCT/US2005/031844)

[87] (WO2006/031560)

[30] US (60/609,092) 2004-09-09

[30] US (11/220,362) 2005-09-06

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[11] **2,578,076**  
[13] C

[51] **Int.Cl. A61F 2/95 (2013.01) A61B 17/12 (2006.01) A61F 2/82 (2013.01)**

[25] EN

[54] **THERMAL DETACHMENT SYSTEM FOR IMPLANTABLE DEVICES**

[54] **SYSTEME DE SEPARATION THERMIQUE POUR DISPOSITIFS IMPLANTABLES**

[72] FITZ, MATTHEW, US

[72] GULACHENSKI, JOSEPH, US

[73] MICROVENTION, INC., US

[85] 2007-02-23

[86] 2005-08-25 (PCT/US2005/030789)

[87] (WO2006/024040)

[30] US (60/604,671) 2004-08-25

[30] US (60/685,342) 2005-05-27

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[13] C

[51] **Int.Cl. A63F 13/25 (2014.01) A63F 13/26 (2014.01) A63F 13/35 (2014.01) A63F 13/92 (2014.01)**

[25] EN

[54] **SYSTEM, METHOD AND HANDHELD CONTROLLER FOR MULTI-PLAYER GAMING**

[54] **SYSTEME, PROCEDE DE DISPOSITIF DE COMMANDE PORTATIF POUR JEU MULTIJOUEUR**

[72] HUSSMAN, JONATHAN IRA, CA

[72] SNODDY, JON HAYES, US

[72] RACE, JOHN ANDREW, US

[72] RIDER, MARK, CA

[73] TIMEPLAY INC., CA

[85] 2007-03-12

[86] 2005-09-21 (PCT/CA2005/001442)

[87] (WO2006/058408)

[30] US (60/611,945) 2004-09-21

[30] US (60/697,037) 2005-07-06

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[11] **2,584,507**  
[13] C

[51] **Int.Cl. C07D 491/052 (2006.01) A61K 31/352 (2006.01) A61K 31/436 (2006.01) A61K 31/472 (2006.01) C07D 217/16 (2006.01) C07D 217/24 (2006.01) C07D 311/30 (2006.01)**

[25] EN

[54] **FLAVANOIDS AND ISOFLAVANOIDS FOR THE PREVENTION AND TREATMENT OF CARDIOVASCULAR DISEASES**

[54] **FLAVANOIDES ET ISOFLAVANOIDES POUR LA PREVENTION ET LE TRAITEMENT DE MALADIES CARDIO-VASCULAIRES**

[72] CHIACCHIA, FABRIZIO S., CA

[72] HANSEN, HENRIK C., CA

[72] MCCAFFREY, DAVID, CA

[72] TUCKER, JOSEPH E. L., CA

[72] WONG, NORMAN C. W., CA

[73] RESVERLOGIX CORP., CA

[85] 2007-04-17

[86] 2005-10-20 (PCT/US2005/038048)

[87] (WO2006/045096)

[30] US (60/620,888) 2004-10-20

[30] US (60/626,819) 2004-11-10

[30] US (60/665,859) 2005-03-29

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[11] **2,590,886**  
[13] C

[51] **Int.Cl. C09K 3/18 (2006.01) C23F 11/04 (2006.01)**

[25] EN

[54] **CORROSION-INHIBITING DEICER COMPOSITION**

[54] **COMPOSITION DE DEGIVRAGE ANTI-CORROSION**

[72] KOEFOD, ROBERT SCOTT, US

[73] CARGILL, INCORPORATED, US

[86] (2590886)

[87] (2590886)

[22] 2007-05-30

[30] US (60/809,617) 2006-05-31

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[11] **2,593,549**  
[13] C

[51] **Int.Cl. A61K 35/50 (2015.01) A61K 9/48 (2006.01) A61K 35/39 (2015.01) A61P 3/10 (2006.01) C12N 11/04 (2006.01)**

[25] EN

[54] **REGENERATION OF PANCREATIC ISLETS BY AMNIOTIC FLUID STEM CELL THERAPY**

[54] **REGENERATION DES ILOTS PANCREATIQUES PAR TRAITEMENT DES CELLULES SOUCHES DU LIQUIDE AMNIOTIQUE**

[72] ATALA, ANTHONY, US  
[72] MILANESI, ANNA, US  
[72] SOKER, SHAY, US  
[73] WAKE FOREST UNIVERSITY HEALTH SCIENCES, US

[85] 2007-07-06  
[86] 2006-01-06 (PCT/US2006/000334)  
[87] (WO2006/074308)  
[30] US (60/642,381) 2005-01-07

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[11] **2,594,557**  
[13] C

[51] **Int.Cl. C07K 17/08 (2006.01) A61K 38/27 (2006.01) A61K 47/48 (2006.01) C07K 14/61 (2006.01)**

[25] EN

[54] **MODIFIED HUMAN GROWTH HORMONE**

[54] **HORMONE DE CROISSANCE HUMAINE MODIFIEE**

[72] CHO, HO SUNG, US  
[72] DANIEL, THOMAS O., US  
[72] DIMARCHI, RICHARD D., US  
[72] HAYS PUTNAM, ANNA MARIA A., US  
[72] WILSON, TROY E., US  
[72] SIM, BEE-CHENG, US  
[72] LITZINGER, DAVID C., US  
[73] AMBRX, INC., US

[85] 2007-06-22  
[86] 2005-12-21 (PCT/US2005/046542)  
[87] (WO2006/069220)  
[30] US (60/638,616) 2004-12-22  
[30] US (60/727,996) 2005-10-17

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[11] **2,595,343**  
[13] C

[51] **Int.Cl. G06F 21/16 (2013.01) H04N 21/8358 (2011.01) G10L 19/018 (2013.01)**

[25] EN

[54] **METHOD OF EMBEDDING A DIGITAL WATERMARK IN A USEFUL SIGNAL**

[54] **PROCEDE D'INCLUSION D'UN FILIGRANE NUMERIQUE DANS UN SIGNAL UTILE**

[72] RHEIN, HANSPETER, DE  
[73] UNLIMITED MEDIA GMBH, DE

[85] 2007-07-19  
[86] 2006-01-16 (PCT/EP2006/000330)  
[87] (WO2006/077061)  
[30] EP (05001222.8) 2005-01-21

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[11] **2,600,185**  
[13] C

[51] **Int.Cl. H04N 5/232 (2006.01)**

[25] FR

[54] **METHOD OF CONTROLLING AN ACTION, SUCH AS A SHARPNESS MODIFICATION, USING A COLOUR DIGITAL IMAGE**

[54] **PROCEDE POUR COMMANDER UNE ACTION, NOTAMMENT UNE MODIFICATION DE NETTETE, A PARTIR D'UNE IMAGE NUMERIQUE EN COULEURS**

[72] CHANAS, LAURENT, FR  
[72] TARCHOUNA, IMENE, FR  
[72] GUICHARD, FREDERIC, FR  
[72] LIEGE, BRUNO, FR  
[72] MENIERE, JEROME, FR  
[73] DXO LABS, FR

[85] 2007-09-06  
[86] 2006-03-06 (PCT/FR2006/050197)  
[87] (WO2006/095110)  
[30] FR (0550601) 2005-03-07

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[11] **2,604,690**  
[13] C

[51] **Int.Cl. G06Q 10/04 (2012.01)**

[25] EN

[54] **TECHNOLOGY EVENT DETECTION, ANALYSIS, AND REPORTING SYSTEM**

[54] **SYSTEME DE DETECTION, D'ANALYSE ET DE COMPTE RENDU D'EVENEMENTS DE TECHNOLOGIE**

[72] KASS, ALEX, US  
[72] HUGHES, LUCIAN P., US  
[72] YEH, PETER Z., US  
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE

[86] (2604690)  
[87] (2604690)  
[22] 2007-09-27  
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[30] US (60/923,957) 2007-04-16  
[30] US (11/900,995) 2007-09-14

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[25] EN

[54] **POLYCYCLIC CARBAMOYL PYRIDONE DERIVATIVES HAVING HIV INTEGRASE INHIBITORY ACTIVITY**

[54] **DERIVE POLYCYCLIQUE DE LA CARBAMOYL PYRIDONE A ACTIVITE INHIBITRICE SUR L'INTEGRASE DU VIH**

[72] JOHNS, BRIAN ALVIN, US  
[72] KAWASUJI, TAKASHI, JP  
[72] TAISHI, TERUHIKO, JP  
[72] TAODA, YOSHIYUKI, JP  
[73] SHIONOGI & CO., LTD., JP  
[73] VIIV HEALTHCARE COMPANY, US

[85] 2007-10-23  
[86] 2006-04-28 (PCT/US2006/016604)  
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[30] JP (2005-131161) 2005-04-28  
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[25] EN  
[54] **APPARATUS FOR CLEANING PLANT EMBRYOS**  
[54] **APPAREIL DE NETTOYAGE D'EMBRYONS VEGETAUX**  
[72] BECWAR, MICHAEL R., US  
[72] CLARK, JOHN J., US  
[72] CHOWDHURY, KAMAL, US  
[72] NEHRA, NARENDER S., US  
[72] RUTTER, MARK, US  
[72] SAGE, JESSICA, US  
[72] SEYMOUR, SYDNEY K., US  
[72] STOUT, TIMOTHY J., US  
[72] VICTOR, JERRIN M., US  
[72] WINKLES, RONALD W., US  
[73] ARBORGEN INC., US  
[85] 2007-10-26  
[86] 2006-04-28 (PCT/US2006/016075)  
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[25] EN  
[54] **MEMBRANE FOR WATER FILTRATION COMPRISING LIPID BILAYERS AND FUNCTIONAL AQUAPORINS**  
[54] **MEMBRANE POUR LA FILTRATION DE L'EAU COMPRENANT DES BICOUCHES LIPIDES ET DES AQUAPORINES FONCTIONNELLES**  
[72] JENSEN, PETER HOLME, DK  
[72] KELLER, DANIELLE, DK  
[72] NIELSEN, CLAUS HELIX, DK  
[73] AQUAPORIN A/S, DK  
[85] 2007-11-07  
[86] 2006-05-19 (PCT/DK2006/000278)  
[87] (WO2006/122566)  
[30] DK (PA 2005 00740) 2005-05-20  
[30] US (60/683,466) 2005-05-20  
[30] DK (PA 2005 01309) 2005-09-20  
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[25] EN  
[54] **INSPECTION OF ASPHALT DURING MANUFACTURING**  
[54] **INSPECTION DE L'ASPHALTE PENDANT LA FABRICATION**  
[72] TARGOSZ, THOMAS C., US  
[73] TARGOSZ, THOMAS C., US  
[86] (2609763)  
[87] (2609763)  
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[30] US (60/864,422) 2006-11-06  
[30] US (60/864,479) 2006-11-06  
[30] US (60/870,984) 2006-12-20  
[30] US (60/946,447) 2007-06-27  
[30] US (60/975,550) 2007-09-27  
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[54] **ENHANCED SYSTEM AND METHOD FOR MANAGING FINANCIAL MARKET INFORMATION**  
[54] **SYSTEME ET PROCEDE OPTIMISES SERVANT A GERER DES INFORMATIONS CONCERNANT DES MARCHES FINANCIERS**  
[72] WEINSTEIN, BERNIE A., US  
[73] CFPH, LLC, US  
[85] 2007-12-06  
[86] 2006-06-20 (PCT/US2006/024170)  
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[25] EN  
[54] **METHOD, SYSTEM AND APPARATUS FOR CAUSING A COMMUNICATION CLIENT TO JOIN A MEDIA-OVER-PACKET COMMUNICATION SESSION**  
[54] **METHODE, DISPOSITIF ET APPAREILLAGE PERMETTANT A UN CLIENT DE SERVICE DE COMMUNICATIONS DE SE RACCORDER A UNE SESSION DE COMMUNICATION A SUPPORTS SUR PAQUETS**  
[72] CLARK, DAVID WILLIAM, CA  
[72] WOLF, ERIC JOHN, CA  
[72] DAWSON, JEFFREY WILLIAM, CA  
[72] ARSENAULT, JONATHAN ALLAN, CA  
[73] BCE INC., CA  
[85] 2007-12-20  
[86] 2006-12-19 (PCT/CA2006/002073)  
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[25] EN  
[54] **LATEX BASED COMPOSITE FOAMS**  
[54] **MOUSSES COMPOSITES A BASE DE LATEX**  
[72] GUESQUIERE, VINCENT, BE  
[73] LATEXCO NV, BE  
[85] 2007-12-28  
[86] 2006-06-29 (PCT/EP2006/006336)  
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[54] **ANTITUMORAL BIOCONJUGATES OF HYALURONIC ACID OR ITS DERIVATIVES OBTAINED BY INDIRECT CHEMICAL CONJUGATION**

[54] **BIOCONJUGUES ANTITUMORAUX D'ACIDE HYALURONIQUE OU DE SES DERIVES OBTENUS PAR CONJUGATION CHIMIQUE INDIRECTE ET LEUR UTILISATION DANS LE DOMAINE PHARMACEUTIQUE**

[72] RENIER, DAVIDE, IT  
[72] BETTELLA, FABIO, IT  
[73] FIDIA FARMACEUTICI S.P.A., IT  
[85] 2008-01-28  
[86] 2006-08-02 (PCT/EP2006/007717)  
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[25] EN  
[54] **COSMETIC AND/OR DERMATOLOGICAL COMPOSITION FOR PREVENTION AND/OR TREATMENT OF SENSITIVE OR DRY SKIN**

[54] **COMPOSITION COSMETIQUE ET/OU DERMATOLOGIQUE POUR LA PREVENTION ET/OU LE TRAITEMENT DES PEAUX SENSIBLES OU SECHES**

[72] BRETON, LIONEL, FR  
[72] JOURDAIN, ROLAND, FR  
[72] GUENICHE, AUDREY, FR  
[72] BUREAU-FRANZ, ISABELLE, CH  
[72] FLEITH, MATHILDE, CH  
[72] MALNOE, ARMAND, CH  
[73] L'OREAL, FR  
[73] NESTEC S.A., CH  
[85] 2008-01-30  
[86] 2006-07-31 (PCT/FR2006/050768)  
[87] (WO2007/015027)  
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[25] FR  
[54] **MARQUEURS, LEUR PROCEDE DE FABRICATION ET LEURS APPLICATIONS**

[54] **MARQUEURS, LEUR PROCEDE DE FABRICATION ET LEURS APPLICATIONS**

[72] SCHERNINSKI, FRANCOIS, FR  
[72] GUYON, VINCENT, FR  
[72] RAGER, MARIE-NOELLE, FR  
[73] LABORATOIRES SYNTH-INNOVE, FR  
[85] 2008-02-08  
[86] 2006-08-11 (PCT/FR2006/001947)  
[87] (WO2007/017602)  
[30] FR (0508525) 2005-08-11

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[25] EN  
[54] **ASSESSMENT OF SLEEP QUALITY AND SLEEP DISORDERED BREATHING BASED ON CARDIOPULMONARY COUPLING**

[54] **EVALUATION DE LA QUALITE DU SOMMEIL ET DES TROUBLES RESPIRATOIRES DU SOMMEIL BASEE SUR UN COUPLAGE CARDIOPULMONAIRE**

[72] MIETUS, JOSEPH E., US  
[72] PENG, CHUNG-KANG, US  
[72] THOMAS, ROBERT J., US  
[72] GOLDBERGER, ARY L., US  
[73] BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US  
[85] 2008-02-20  
[86] 2006-07-10 (PCT/US2006/026591)  
[87] (WO2007/008706)  
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[51] **Int.Cl. G01V 3/38 (2006.01)**

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[54] **HIGH ACCURACY SURVEY-GRADE GIS SYSTEM**

[54] **SYSTEME D'INFORMATIONS GEOGRAPHIQUES (GIS) A RELEVES HAUTE PRECISION AU NIVEAU DU SOL**

[72] JONES, ROBERT S., US  
[73] R.A. SMITH & ASSOCIATES, INC., US  
[85] 2008-02-22  
[86] 2006-08-22 (PCT/US2006/032835)  
[87] (WO2007/024892)  
[30] US (60/710,574) 2005-08-23

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[13] C

[51] **Int.Cl. A47L 13/16 (2006.01) A47L 13/38 (2006.01) A47L 13/42 (2006.01) A47L 13/46 (2006.01)**

[25] EN  
[54] **CLEANING TOOL AND CLEANING ELEMENT**

[54] **OUTIL ET ELEMENT DE NETTOYAGE**

[72] TANAKA, YOSHINORI, JP  
[73] UNI-CHARM CORPORATION, JP  
[86] (2623076)  
[87] (2623076)  
[22] 2008-02-29  
[30] JP (JP2007-054926) 2007-03-05

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[11] **2,626,536**  
[13] C

[51] **Int.Cl. A61B 6/00 (2006.01) A61N 5/00 (2006.01) A61N 5/10 (2006.01)**

[25] EN  
[54] **REAL-TIME DOSE RECONSTRUCTION USING DYNAMIC SIMULATION AND IMAGE GUIDED ADAPTIVE RADIOTHERAPY**

[54] **RECONSTRUCTION DE DOSE EN TEMPS REEL PAR SIMULATION DYNAMIQUE ET RADIOTHERAPIE ADAPTATIVE GUIDEE PAR L'IMAGE**

[72] FALLONE, B. GINO, CA  
[72] CARLONE, MARCO, CA  
[72] MURRAY, BRAD, CA  
[73] ALBERTA HEALTH SERVICES, CA  
[85] 2008-04-17  
[86] 2006-10-10 (PCT/CA2006/001655)  
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[30] US (60/726,612) 2005-10-17

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[25] EN

[54] **POSITIONING FOR WLANS AND OTHER WIRELESS NETWORKS**

[54] **LOCALISATION DANS DES RESEAUX LOCAUX SANS FIL ET DANS D'AUTRES RESEAUX SANS FIL**

[72] EDGE, STEPHEN W., US

[73] QUALCOMM INCORPORATED, US

[85] 2008-04-25

[86] 2006-11-07 (PCT/US2006/060632)

[87] (WO2007/056738)

[30] US (60/734,631) 2005-11-07

[30] US (60/748,225) 2005-12-06

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[51] **Int.Cl. G06F 13/00 (2006.01) H04W 4/00 (2009.01) H04W 88/02 (2009.01) H04L 12/16 (2006.01)**

[25] EN

[54] **METHOD FOR STORING MEDIA CAPTURED USING A PORTABLE ELECTRONIC DEVICE**

[54] **METHODE PERMETTANT LE STOCKAGE DE MEDIA SAISI AU MOYEN D'UN DISPOSITIF ELECTRONIQUE PORTABLE**

[72] SCOTT, SHERRY LEE LORRAINE, CA

[72] CHIANG, HUI YU, CA

[72] VUONG, THANH VINH, CA

[73] BLACKBERRY LIMITED, CA

[86] (2631053)

[87] (2631053)

[22] 2008-05-08

[30] EP (07108045.1) 2007-05-11

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[51] **Int.Cl. A61B 18/18 (2006.01)**

[25] EN

[54] **ASSESSMENT OF ELECTRODE COUPLING FOR TISSUE ABLATION**

[54] **EVALUATION DU COUPLAGE D'ELECTRODE POUR ABLATION TISSULAIRE**

[72] PAUL, SAURAV, US

[72] BELHE, KEDAR RAVINDRA, US

[72] CAO, HONG, US

[72] THAO, CHOU, US

[73] ST. JUDE MEDICAL, ATRIAL FIBRILLATION DIVISION, INC., US

[85] 2008-06-04

[86] 2006-12-06 (PCT/US2006/061714)

[87] (WO2007/067941)

[30] US (60/748,234) 2005-12-06

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[13] C

[51] **Int.Cl. H04W 28/24 (2009.01)**

[25] EN

[54] **METHOD AND DEVICES FOR SPECIFYING THE QUALITY OF SERVICE IN A TRANSMISSION OF DATA PACKETS**

[54] **PROCEDES ET DISPOSITIFS POUR SPECIFIER LA QUALITE DE SERVICE DANS UNE TRANSMISSION DE PAQUETS DE DONNEES**

[72] LUDWIG, REINER, DE

[72] WILLARS, PER HANS AKE, SE

[72] EKSTROM, HANNES, SE

[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE

[85] 2008-05-28

[86] 2005-12-12 (PCT/EP2005/013320)

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[51] **Int.Cl. G01D 5/32 (2006.01) G01D 3/02 (2006.01) G01D 5/353 (2006.01) E21B 47/07 (2012.01)**

[25] EN

[54] **CONTROLLING A DYNAMIC SIGNAL RANGE IN AN OPTICAL TIME DOMAIN REFLECTOMETRY SYSTEM**

[54] **COMMANDE D'UNE PLAGE DE SIGNAL DYNAMIQUE DANS UN SYSTEME DE REFLECTOMETRIE OPTIQUE DANS LE DOMAINE TEMPOREL**

[72] HARTOG, ARTHUR, GB

[72] KADER, KAMAL, GB

[73] SCHLUMBERGER CANADA LIMITED, CA

[73] BP EXPLORATION OPERATING COMPANY LIMITED, GB

[86] (2632338)

[87] (2632338)

[22] 2008-05-27

[30] US (11/766,866) 2007-06-22

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[13] C

[51] **Int.Cl. G06F 17/50 (2006.01) G06F 17/10 (2006.01)**

[25] EN

[54] **UNIVERSAL METHOD FOR MODELING THE INTERACTIONS BETWEEN AT LEAST ONE WAVE AND AT LEAST ONE OBJECT, THE SURFACE OF EACH OBJECT DEFINING AN INTERFACE BETWEEN AT LEAST TWO MEDIA**

[54] **METHODE UNIVERSELLE DE MODELISATION DES INTERACTIONS ENTRE UNE ONDE AU MINIMUM ET UN OBJET AU MINIMUM, LA SURFACE DE CHAQUE OBJET DEFINISSANT UNE INTERFACE ENTRE DEUX MILIEUX AU MINIMUM**

[72] PLACKO, DOMINIQUE, FR

[72] LIEBEAUX, NICOLAS, FR

[72] CRUAU, AURELIE, FR

[72] KUNDU, TRIBIKRAM, US

[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR

[73] UNIVERSITY OF ARIZONA, US

[85] 2008-06-23

[86] 2006-12-20 (PCT/EP2006/070020)

[87] (WO2007/071735)

[30] FR (05 13219) 2005-12-23

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[25] EN  
[54] **SYSTEM AND METHOD OF COMMUNICATING WITH A FIRST AND SECOND NETWORK BY A COMMUNICATION DEVICE**  
[54] **SYSTEME ET METHODE DE COMMUNICATION AVEC UN PREMIER ET UN SECOND RESEAU PAR DISPOSITIF DE COMMUNICATION**  
[72] ABDEL-KADER, SHERIF, CA  
[72] MONTEMURRO, MICHAEL PETER, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2635928)  
[87] (2635928)  
[22] 2008-06-25  
[30] EP (07111261.9) 2007-06-28

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[13] C

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[25] EN  
[54] **BIOABSORBABLE DRUG DELIVERY DEVICES**  
[54] **DISPOSITIFS D'ADMINISTRATION DE MEDICAMENT BIOABSORBABLE**  
[72] DAVE, VIPUL BHUPENDRA, US  
[73] CORDIS CORPORATION, US  
[85] 2008-07-04  
[86] 2007-01-08 (PCT/US2007/060237)  
[87] (WO2007/082186)  
[30] US (11/327,700) 2006-01-06

[11] **2,636,977**  
[13] C

- [51] **Int.Cl. H01H 83/14 (2006.01) H01H 71/74 (2006.01)**  
[25] EN  
[54] **IMPROVEMENTS IN OR RELATING TO CURRENT DIFFERENTIAL PROTECTION RELAYS**  
[54] **AMELIORATIONS APORTEES AUX RELAIS DE COURANT A PROTECTION DIFFERENTIELLE**  
[72] GANGADHARAN, PRADEEP KUMAR, IN  
[72] SIDHU, TARLOCHAN SINGH, CA  
[73] AREVA T&D UK LIMITED, GB  
[86] (2636977)  
[87] (2636977)  
[22] 2008-07-03  
[30] GB (07 13126.1) 2007-07-06

[11] **2,638,100**  
[13] C

- [51] **Int.Cl. A23D 9/007 (2006.01) A23D 9/00 (2006.01)**  
[25] EN  
[54] **SPRAYABLE COOKING COMPOSITIONS FOR HIGH TEMPERATURE USE**  
[54] **COMPOSITIONS DE CUISSON PULVERISABLES POUR HAUTE TEMPERATURE**  
[72] SYED, ASIM, US  
[72] BOGEN, HARRY, US  
[73] CONAGRA FOODS RDM, INC., US  
[86] (2638100)  
[87] (2638100)  
[22] 2008-07-18  
[30] US (60/961,352) 2007-07-20

[11] **2,638,538**  
[13] C

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[25] EN  
[54] **FOOD PRODUCT CONVEYOR AND HANDLING SYSTEMS**  
[54] **SYSTEMES TRANSPORTEUR ET DE MANUTENTION DE PRODUITS ALIMENTAIRES**  
[72] MALENKE, MARK, US  
[72] ADLER, SCOTT, US  
[72] HESS, DAVID, US  
[72] HELENIAK, TOD, US  
[72] TOMAC, BRIAN, US  
[73] KRAFT FOODS GROUP BRANDS LLC, US  
[86] (2638538)  
[87] (2638538)  
[22] 2008-08-07  
[30] US (11/836,564) 2007-08-09

[11] **2,639,025**  
[13] C

- [51] **Int.Cl. F01D 25/18 (2006.01) F02C 7/06 (2006.01)**  
[25] EN  
[54] **GAS TURBINE OIL SCAVENGING SYSTEM**  
[54] **SYSTEME DE RECUPERATION D'HUILE DANS UNE TURBINE A GAZ**  
[72] ALECU, DANIEL T., CA  
[73] PRATT & WHITNEY CANADA CORP., CA  
[86] (2639025)  
[87] (2639025)  
[22] 2008-08-21  
[30] US (11/876,859) 2007-10-23

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[13] C

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[25] EN  
[54] **ANISOTROPIC MAGNETIC FLAKES**  
[54] **FLOCONS MAGNETIQUES ANISOTROPES**  
[72] RAKSHA, VLADIMIR P., US  
[72] MARKANTES, CHARLES T., US  
[72] COOMBS, PAUL G., US  
[72] PHILLIPS, ROGER W., US  
[72] KOHLMANN, PAUL T., US  
[73] VIAVI SOLUTIONS INC., US  
[86] (2639554)  
[87] (2639554)  
[22] 2008-09-17  
[30] US (60/973,546) 2007-09-19

[11] **2,640,079**  
[13] C

- [51] **Int.Cl. E21B 47/00 (2012.01) E21B 47/024 (2006.01) E21B 47/04 (2012.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MEASURING DEPTH AND VELOCITY OF INSTRUMENTATION WITHIN A WELLBORE USING A BENDABLE TOOL**  
[54] **SYSTEME ET METHODE PERMETTANT DE MESURER LA PROFONDEUR ET LA VITESSE DE L'APPAREILLAGE A L'INTERIEUR D'UN Puits DE FORAGE AU MOYEN D'UN OUTIL FLEXIBLE**  
[72] EKSETH, ROGER, NO  
[72] MULLIN, STEPHEN VICTOR, US  
[72] WESTON, JOHN LIONEL, GB  
[73] GYRODATA, INCORPORATED, US  
[86] (2640079)  
[87] (2640079)  
[22] 2008-10-01  
[30] US (11/866,213) 2007-10-02

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[72] CHANG, SHU-KONG, US  
[72] DEGRANGE, JEAN-MARIE, FR  
[72] PISTRE, VIVIAN, CN  
[72] SINGH, KARAN, JP  
[73] SCHLUMBERGER CANADA LIMITED, CA  
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[72] PRASHAD, MAHAVIR, US  
[72] RISS, BERNHARD, FR  
[72] DAWSON KING, JANET, CH  
[72] HIESTAND, PETER C., CH  
[72] LIU, YUGANG, US  
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[72] FYKE, STEVEN, CA  
[72] KORNILOVSKY, ALEXANDER, CA  
[73] BLACKBERRY LIMITED, CA  
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[72] ENGNELL, MATS, SE  
[72] ADENT, AARON, US  
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[72] MARKUS, ARIE, IL

[72] STRONGIN, PNINA, IL

[72] LINDER, CHARLES, IL

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[54] **PROCEDES ET COMPOSITIONS POUR IDENTIFIER UN PHENOTYPE CELLULAIRE**

[72] GELVAN, DAN JACOB, IL

[72] GOLTSMAN, LEV, IL

[72] CHAUSOVSKY, ALEXANDER, IL

[73] ZETIQ TECHNOLOGIES LTD., IL

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[54] **DISPOSITIF ET METHODE DE PERCAGE CONTROLE DU BETON ARME**

[72] BRENNAN, MIKE, US

[72] GOLDSTEIN, BRETT, US

[72] GIRALDO, LUIS, US

[72] WALLACE, ROB, US

[72] RYAN, JOHN, US

[72] DEZELICK, ED, US

[72] MILLSPAUGH, MIKE, US

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[72] GOODMAN, NEIL JOHN, AU

[73] TECHNOLOGICAL RESOURCES PTY. LIMITED, AU

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[54] **PROCEDE ET SYSTEME DE DETECTION DIELECTRIQUE**

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[72] SUGANUMA, YOSHINORI, CA

[73] UNIVERSAL NANOSENSOR TECHNOLOGIES INC., CA

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[54] **COMMANDE DE RESEAU**

[72] CAMPERO, RICHARD JOHN, US

[72] RASBAND, PAUL BRENT, US

[72] RAYNESFORD, STEVEN JAMES, US

[72] TRIVELPIECE, STEVE EDWARD, US

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[54] **AGENT CHELATEUR POLYMERIQUE ET METHODE D'UTILISATION**

[72] LAURINO, JOSEPH, US

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[54] **UTILISATION D'UNE VARIANTE DE LA GHRELIN POUR TRAITER LA CACHEXIE, ET/OU L'ANOREXIE-CACHEXIE, ET/OU LA MALNUTRITION, ET/OU LA LIPODYSTROPHIE, ET/OU LA PERTE DE MUSCLES, ET/OU STIMULER L'APPETIT;**

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[54] **SUSPENSION ARRANGEMENT FOR REAR CASTERED WHEELS ON A WORK MACHINE**

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[72] SLOAN, CHARLES SCOTT, US

[72] ROSENBALM, ALLAN WESLEY, US

[72] BEBERNES, THOMAS DARYL, US

[73] DEERE & COMPANY, US

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[72] ENGELHARDT, FRIEDRICH, DE

[72] BREMER, CHRISTIAN, DE

[72] OBERMUELLER, ANJA, DE

[72] CHRISTIAN, JOACHIM, DE

[73] TOUGAS OILFIELD SOLUTIONS GMBH, DE

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[72] MARTINEZ, RUBEN, US

[72] BILLINGHAM, MATTHEW, US

[72] SHEIRETOV, TODOR, US

[72] BEGUIN, PAUL, US

[73] SCHLUMBERGER CANADA LIMITED, CA

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[54] **A METHOD OF PROVIDING DIGITAL RIGHTS MANAGEMENT FOR MUSIC CONTENT BY MEANS OF A FLAT-RATE SUBSCRIPTION**

[54] **METHODE DE VALIDATION DE CONTENU MUSICAL NUMERIQUE A TELECHARGER ET A UTILISER SUR UN DISPOSITIF PORTATIF DE CALCUL SANS FIL**

[72] KNIGHT, MARK STEPHEN, GB

[72] LAMB, MICHAEL IAN, GB

[72] LEWIS, ROBERT JOHN, GB

[72] POCOCK, STEPHEN WILLIAM, GB

[72] SANT, PHILIP ANTHONY, GB

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[54] **SYSTEME D'ECLAIRAGE ET PROCEDE DE RECYCLAGE DE LA LUMIERE POUR AUGMENTER LA LUMINOSITE DE LA SOURCE LUMINEUSE**  
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[72] DINH, LINH A., US  
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[54] **APPAREIL DE TRAITEMENT DES SUBSTANCES BIOCORPORELLES PAR ONDES DE CHOC MECANIQUE**  
[72] MARLINGHAUS, ERNST H., CH  
[72] NOVAK, PAVEL, CH  
[72] KATONA, JOSEF, DE  
[73] STORZ MEDICAL AG, CH  
[86] (2656261)  
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[72] DEPPERMAN, KEVIN L., US  
[73] MONSANTO TECHNOLOGY LLC, US  
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[54] **METHOD FOR PRODUCING INSULIN ANALOGS HAVING A DIBASIC B CHAIN TERMINUS**  
[54] **PROCEDE POUR PRODUIRE DES ANALOGUES D'INSULINE A EXTREMITE DE CHAINE B DIBASIQUE**  
[72] HABERMANN, PAUL, DE  
[72] ZOCHER, FRANK, DE  
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[54] **MULTI-USE BEARING AND RANGE LINE**  
[54] **LIGNE DE CAP ET DE DISTANCE A USAGES MULTIPLES**  
[72] O'FLYNN, MARK JAMES, AU  
[72] CHANG, LILLIAN, AU  
[72] BLOND, VIRGINIE BERNARD, AU  
[73] THALES AUSTRALIA LIMITED, AU  
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[54] **APPAREIL A MOULAGE**  
[72] EIGLER, FRANK J., CA  
[72] HLAVATY, TERRANCE J., US  
[73] DME COMPANY LLC, US  
[86] (2659919)  
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[54] **MODULE DE RESEAU HYDROPHONE**  
[72] SCHNEIDER, JOHN K., US  
[72] KITCHENS, JACK C., US  
[73] QUALCOMM INCORPORATED, US  
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[54] **FACILITATING METHOD FOR HANDOVER OF A MOBILE COMMUNICATION DEVICE**  
[54] **METHODE DE FACILITATION DU TRANSFERT D'UN DISPOSITIF DE COMMUNICATION MOBILE**  
[72] AHLUWALIA, JAGDEEP SINGH, JP  
[73] NEC CORPORATION, JP  
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[54] **TRAIN CONTROL SYSTEM AND METHOD OF CONTROLLING A TRAIN OR TRAINS**  
[54] **SYSTEME DE COMMANDE DE TRAIN ET PROCEDE POUR COMMANDER UN OU PLUSIEURS TRAINS**  
[72] KANE, MARK EDWARD, US  
[72] SHOCKLEY, JAMES FRANCIS, US  
[72] HICKENLOOPER, HARRISON THOMAS, US  
[73] SIEMENS INDUSTRY, INC., US  
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[54] **APPARATUS AND METHODS FOR THE RECOVERY OF HYDROCARBONACEOUS AND ADDITIONAL PRODUCTS FROM OIL/TAR SANDS**  
[54] **APPAREIL ET METHODES DE RECUPERATION DE PRODUITS HYDROCARBONES ET DE PRODUITS ADDITIONNELS A PARTIR DE SABLES BITUMINEUX OU ASPHALTIQUES**  
[72] LOCKHART, MICHAEL D., US  
[72] MCQUEEN, RON, US  
[73] GENERAL SYNFUELS INTERNATIONAL, INC., US  
[86] (2662494)  
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[54] **APPARATUS AND METHODS FOR THE RECOVERY OF HYDROCARBONACEOUS AND ADDITIONAL PRODUCTS FROM OIL SHALE AND OIL SANDS**  
[54] **APPAREIL ET METHODES DE RECUPERATION DE PRODUITS HYDROCARBONES ET DE PRODUITS ADDITIONNELS A PARTIR DE SHALE ET DE SABLES BITUMINEUX**  
[72] LOCKHART, MICHAEL D., US  
[72] MCQUEEN, RON, US  
[73] GENERAL SYNFUELS INTERNATIONAL, INC., US  
[86] (2662544)  
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[54] **PROCESS FOR SEPARATING A LIQUID COMPONENT FROM A LIQUID MIXTURE**  
[54] **PROCEDE DE SEPARATION D'UNE COMPOSANTE LIQUIDE D'UN MELANGE LIQUIDE**  
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[54] **HIGH AFFINITY HUMAN ANTIBODIES TO HUMAN IL-4 RECEPTOR**  
[54] **ANTICORPS HUMAINS A HAUTE AFFINITE VIS-A-VIS DU RECEPTEUR IL-4 HUMAIN**  
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[72] HUANG, TAMMY T., US  
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[54] **COMPOSITIONS D'OBTURATION FORTEMENT CHARGEES**  
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[73] CARLISLE INTANGIBLE COMPANY, US  
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[72] FORD, MICHAEL, US  
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[72] LALIBERTY, RONALD P., US  
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[73] SGG PATENTS LLC, US  
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[54] **PROCEDE ET APPAREIL POUR LES OPERATIONS DE PUIT**  
[72] GRANT, JAMES SIMPSON, US  
[72] SCATES, RANDY LEE, US  
[72] GARRETT, JAMES CAVITT, US  
[72] LAMBERT, JEFF A., US  
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[72] SAXELL, HEIDI EMILIA, DE  
[72] ERK, PETER, DE  
[72] TARANTA, CLAUDE, DE  
[72] KROHL, THOMAS, DE  
[72] COX, GERHARD, DE  
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[25] EN  
[54] **MEDICAL DEVICES HAVING BIODEGRADABLE POLYMERIC REGIONS WITH OVERLYING HARD, THIN LAYERS**  
[54] **DISPOSITIFS MEDICAUX COMPORTANT DES ZONES POLYMERES BIODEGRADABLES RECOUVERTES DE COUCHES DURES ET FINES**  
[72] WEBER, JAN, NL  
[73] BOSTON SCIENTIFIC LIMITED, BM  
[85] 2009-03-12  
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[25] EN  
[54] **METHOD AND APPARATUS FOR CELL SEARCH IN AN ORTHOGONAL WIRELESS COMMUNICATION SYSTEM**  
[54] **PROCEDE ET APPAREIL DE RECHERCHE DE CELLULE DANS UN SYSTEME DE COMMUNICATION SANS FIL ORTHOGONAL**  
[72] MONTOJO, JUAN, US  
[72] KIM, BYOUNG-HOON, US  
[72] MALLADI, DURGA PRASAD, US  
[72] LUO, TAO, US  
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[54] **APPAREIL DE COMPACTAGE ALIMENTE PAR L'ENERGIE SOLAIRE**  
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[72] SATWICZ, JEFFREY, US  
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[72] TAYLOR, MIKELL, US  
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ARRANGEMENT AND METHOD  
FOR OPERATION OF A  
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[54] **MONTAGE DE COUPURE ET  
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[72] STEINFELD, KAI, CN  
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SYSTEMS**  
[54] **SYSTEMES CATALYSEURS ET  
PROCEDES DE  
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[72] MURUGANANDAM, NATARAJAN,  
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BONDTESTING INSPECTION BY  
ULTRASONIC MEANS**  
[54] **INSPECTION DE VERIFICATION  
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[72] WOOD, NANCY L., US  
[73] THE BOEING COMPANY, US  
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[25] EN  
[54] **INDIVIDUAL IDENTIFICATION  
AND TRANSPORT SYSTEM FOR  
USE IN THE HANDLING OF  
KILLED FURRED ANIMALS AND  
PELTS FROM FURRED ANIMALS**  
[54] **SYSTEME DE TRANSPORT ET  
D'IDENTIFICATION  
INDIVIDUELLE UTILISE LORS  
DE LA MANIPULATION  
D'ANIMAUX A FOURRURE TUES  
ET DE PEAUX D'ANIMAUX A  
FOURRURE**  
[72] HEDEGAARD, JENS, DK  
[73] DANSK MINK PAPIR A/S, DK  
[85] 2009-05-25  
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AIRBORNE SURVEYING**  
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[73] GEOTECH AIRBORNE LIMITED, BB  
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[54] **METHOD FOR OBTAINING CRYSTALS OF A BASIC AMINO ACID HYDROCHLORIDE**

[54] **PROCEDE D'OBTENTION DE CRISTAL DE CHLORHYDRATE D'ACIDE AMINE BASIQUE**

[72] KISHINO, MITSUHIRO, JP  
[72] KAMEI, TOSHIMICHI, JP  
[73] AJINOMOTO CO., INC., JP  
[85] 2009-06-15  
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[54] **METHOD FOR CLASSIFYING WEB PAGES AND ORGANISING CORRESPONDING CONTENTS**

[54] **PROCEDE DE CLASSIFICATION DE PAGES WEB ET D'ORGANISATION DE CONTENUS CORRESPONDANTS**

[72] LOTITO, GIANPIERO GIUSEPPE, IT  
[72] TERONI, MARIUCCIA, IT  
[73] FACILITYLIVE S.R.L., IT  
[85] 2009-06-17  
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[54] **HUMAN CANCER STEM CELLS**

[54] **CELLULES SOUCHES CANCEREUSES HUMAINES**

[72] MATHER, JENNIE P., US  
[72] ROBERTS, PENELOPE, US  
[73] RAVEN BIOTECHNOLOGIES, US  
[85] 2009-07-14  
[86] 2008-01-22 (PCT/US2008/051730)  
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[30] US (60/881,497) 2007-01-22  
[30] US (60/907,180) 2007-03-23  
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[54] **METHODS FOR PRODUCING POLYUNSATURATED FATTY ACID AND LIPID CONTAINING POLYUNSATURATED FATTY ACID**

[54] **PROCEDE DE FABRICATION D'UN ACIDE GRAS POLYINSATURE ET D'UN LIPIDE CONTENANT L'ACIDE GRAS POLYINSATURE**

[72] KATANO, KENJI, JP  
[72] KAWASHIMA, HIROSHI, JP  
[73] SUNTORY HOLDINGS LIMITED, JP  
[85] 2009-07-15  
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[54] **QUINOXALINE COMPOUNDS AND USE THEREOF**

[54] **COMPOSES A BASE DE QUINOXALINE ET LEUR UTILISATION**

[72] GAILLARD, PASCALE, FR  
[72] POMEL, VINCENT, FR  
[72] JEANCLAUDE-ETTER, ISABELLE, CH  
[72] DORBAIS, JEROME, FR  
[72] KLICIC, JASNA, CH  
[72] MONTAGNE, CYRIL, FR  
[73] MERCK SERONO S.A., CH  
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[54] **NOZZLE MEANS FOR EXTINGUISHER SYSTEM**

[54] **MOYENS DE BUSE POUR SYSTEME D'EXTINCTEUR**

[72] SAMUELSSON, KENNERTH, SE  
[73] A. SVENSSON INTERNATIONAL AB, SE  
[85] 2009-07-17  
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[25] EN

[54] **COMPOSITION COMPRISING TERPENE COMPOUNDS AND METHODS FOR INHIBITING NERVE TRANSMISSION**

[54] **COMPOSITION COMPRENANT DES COMPOSES TERPENIQUES ET PROCEDES D'INHIBITION DE LA TRANSMISSION NERVEUSE**

[72] GREENWAY, FRANK L., US  
[72] MCLELLAN, ALEXANDER, CA  
[73] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US  
[73] NEUROQUEST INC., CA  
[85] 2009-07-21  
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[30] US (60/899,642) 2007-02-06

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[54] **ENCLOSED  
MOBILE/TRANSPORTABLE  
SATELLITE ANTENNA SYSTEM**  
[54] **SYSTEME D'ANTENNE  
SATELLITE  
MOBILE/TRANSPORTABLE  
CARENE**  
[72] SHUSTER, SAM, US  
[72] KING, LAEL, US  
[73] WALLACE TECHNOLOGIES, US  
[85] 2009-08-06  
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ASSOCIATED ANTIGENS**  
[54] **VACCINS PEPTIDIQUES POUR  
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[72] TSUNODA, TAKUYA, JP  
[72] OHSAWA, RYUJI, JP  
[73] ONCOTHERAPY SCIENCE, INC., JP  
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[54] **CONJUGUES D'OLIGOMERE  
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[72] ZHANG, WEN, US  
[72] VIEGAS, TACEY X., US  
[72] BENTLEY, MICHAEL D., US  
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[54] **PROSTHESIS FOR  
INTERPOSITIONAL LOCATION  
BETWEEN BONE JOINT  
ARTICULAR SURFACES AND  
METHOD OF USE**  
[54] **PROTHESE POUR  
INTERPOSITION ENTRE DES  
SURFACES ARTICULAIRES  
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[73] SCHWARTZ, MARVIN, CA  
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[54] **IMPROVED FLOUR BASED  
DOUGH AND METHOD OF  
PREPARING SUCH DOUGH**  
[54] **PATE A BASE DE FARINE  
AMELIOREE ET PROCEDE POUR  
PREPARER CETTE PATE**  
[72] SCHARF, UDO, DE  
[72] SCHUHMAN, FRANK, DE  
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[73] AUDIOVOX CORPORATION, US  
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[54] **PRODUITS POUVANT ETRE AERES ET PRODUITS AERES**  
[72] BONGAERTS, JEROEN HENRICUS HUBERTUS, GB  
[72] HOUSTON, PHILIP ALAN, GB  
[72] STOKES, JASON RICHARD, GB  
[73] UNILEVER PLC, GB  
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[54] **PROCEDE DE DETECTION D'UNE CONTAMINATION FONGIQUE**  
[72] MOULARAT, STEPHANE, FR  
[73] CENTRE SCIENTIFIQUE ET TECHNIQUE DU BATIMENT (CSTB), FR  
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[72] HALLUNDBAEK, JORGEN, DK  
[73] WELLTEC A/S, DK  
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[54] **CHARPENTE DE GAZEBO**  
[72] ANDERSON, TORRENCE C., US  
[72] UFFNER, MICHAEL, US  
[72] VOGLER, MICHAEL R., US  
[72] DONNELLY, BRIAN C., US  
[73] SUNCAST TECHNOLOGIES, LLC, US  
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[54] **COMPOSITIONS AND METHODS USEFUL FOR MODULATING IMMUNITY, ENHANCING VACCINE EFFICACY, DECREASING MORBIDITY ASSOCIATED WITH CHRONIC FHV-1 INFECTIONS, AND PREVENTING OR TREATING CONJUNCTIVITIS**  
[54] **COMPOSITIONS ET PROCEDES UTILES POUR MODULER UNE IMMUNITE, AMELIORER L'EFFICACITE D'UN VACCIN, DIMINUER LA MORBIDITE ASSOCIEE A DES INFECTIONS CHRONIQUES PAR LE FHV-1, ET PREVENIR OU TRAITER LA CONJUNCTIVITE**  
[72] KNORR, RUTH, FR  
[72] CAVADINI, CHRISTOPH, CH  
[72] BENYACOUB, JALIL, CH  
[72] SATYARAJ, EBENEZER, US  
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[54] **DIRECTIONNEL ELEVE PRESENTANT UN NOMBRE CONFIGURABLE DE PIEDS TELESCOPIQUES**  
[72] BROADLEY, GAVIN LEE, AU  
[72] WALROND, MICHAEL KLAUS, AU  
[72] CAMBRIDGE, ALAN RAYMOND, AU  
[72] MINNIS, BRADLEY MATTHEW, AU  
[72] WEST, SCOTT ANDREW, AU  
[73] FERNO-WASHINGTON, INC., US  
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[54] **PLATES-FORMES D'ANIMATION MULTI-UTILISATEUR ET MULTI-INSTANCE**  
[72] SHUSTER, GARY STEPHEN, US  
[72] SHUSTER, BRIAN MARK, US  
[73] IDEAFLOOD, INC., US  
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[54] **COMPOSITIONS POLYMERES DISPERSIBLES DANS L'EAU**  
[72] KEARY, COLIN M., US  
[72] SHESKEY, PAUL J., US  
[72] BALWINSKI, KAREN M., US  
[73] DOW GLOBAL TECHNOLOGIES LLC, US  
[85] 2009-10-29  
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[54] **RETARDATEUR DE FLAMME NON HALOGENE**  
[72] GLAUNER, UDO, DE  
[72] STORZER, UWE, DE  
[72] KELLER, HOLGER, DE  
[72] RIECKERT, HORST, DE  
[73] SCHILL + SEILACHER GMBH, DE  
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[72] GREEN, MARTIN, GB  
[73] MICROMASS UK LIMITED, GB  
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[54] **IMPROVED CHECK VALVE FOR FLUID INJECTOR**  
[54] **CLAPET ANTI-RETOUR AMELIORE POUR INJECTEUR DE LIQUIDE**  
[72] BUSHMAN, RICHARD PAUL, US  
[73] RJC PRODUCTS LLC, US  
[85] 2009-11-16  
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[54] **IMAGERIE TRIDIMENSIONNELLE**  
[72] RODENBURG, JOHN MARIUS, GB  
[73] PHASE FOCUS LIMITED, GB  
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[54] **BANDE GASTRIQUE HYDRAULIQUE AVEC RESERVOIR PLIANT**  
[72] BIRK, JANEL, US  
[72] FRANKLIN, ETHAN, US  
[73] APOLLO ENDOSURGERY, INC., US  
[85] 2009-11-23  
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[72] FRY, PAUL, US  
[73] CLEAN HARBORS CATALYST TECHNOLOGIES, LLC, US  
[85] 2009-11-26  
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[54] **PROCEDE ET APPAREIL DE SCCELLEMENT**  
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[73] RAWWATER ENGINEERING COMPANY LIMITED, GB  
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[54] **METHOD FOR PRINTING A CLADDING PANEL**  
[54] **METHODE D'IMPRESSON SUR UN PANNEAU DE VETURE**  
[72] SCHNIEPP, JOCHEN, DE  
[73] KAINDL FLOORING GMBH, AT  
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[54] **USE OF LIGHT FOR GUIDING AQUATIC ANIMALS**  
[54] **UTILISATION DE LUMIERE POUR GUIDER DES ANIMAUX AQUATIQUES**  
[72] HREINSSON, EINAR, IS  
[72] GUDMUNDSSON, GEIR, IS  
[72] JONSDOTTIR, HALLA, IS  
[73] FJARDARNET EHF, IS  
[73] NYSKOPUNARMIDSTOD ISLANDS, IS  
[73] HAFRANNSOKNARSTOFNUN, IS  
[73] HRADFRYSTIHUSID GUNNVOR HF, IS  
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[25] EN  
[54] **ELECTRICAL APPLIANCE ENERGY CONSUMPTION CONTROL**  
[54] **DISPOSITIF DE GESTION DE LA CONSOMMATION D'ENERGIE D'UN APPAREIL ELECTROMENAGER**  
[72] STEFFES, PAUL J., US  
[72] STEFFES, THOMAS P., US  
[73] STEFFES CORPORATION, US  
[86] (2690662)  
[87] (2690662)  
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[54] **DISPENSING DEVICE**  
[54] **DISPOSITIF DE DISTRIBUTION**  
[72] CLARKE, STEPHEN WILLIAM, GB  
[73] CLARKE, STEPHEN WILLIAM, GB  
[85] 2009-12-17  
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[54] **REDUCING ERROR CONTRIBUTIONS TO GYROSCOPIC MEASUREMENTS FROM A WELLBORE SURVEY SYSTEM**  
[54] **REDUCTION DES ERREURS POSSIBLES APORTEES AUX MESURES GYROSCOPIQUES D'UN SYSTEME DE LEVE DE Puits DE FORAGE**  
[72] WESTON, JOHN LIONEL, US  
[72] UTTECHT, GARY WILLIAM, US  
[72] EKSETH, ROGER, NO  
[73] GYRODATA INCORPORATED, US  
[86] (2691034)  
[87] (2691034)  
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[25] EN  
[54] **THE USE OF GIBBERELLIN 4/7 TO ACCELERATE SEED GERMINATION**  
[54] **UTILISATION DE GIBBERELLINE 4/7 POUR ACCELERER LA GERMINATION D'UNE GRAINE**  
[72] FUGIEL, JUDITH, US  
[72] PETRACEK, PETER D., US  
[72] WARRIOR, PREM, US  
[73] VALENT BIOSCIENCES CORPORATION, US  
[85] 2009-12-10  
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[54] **CHANGING SELECTION FOCUS ON AN ELECTRONIC DEVICE**  
[54] **MODIFICATION DU POINT NODAL DE SELECTION D'UN DISPOSITIF ELECTRONIQUE**  
[72] LABRADOR, CHRISTOPHER, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2691164)  
[87] (2691164)  
[22] 2010-01-27  
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[54] **CONNECTOR SYSTEM FOR BUILDING STUDS**  
[54] **SYSTEME DE RACCORDEMENT POUR POTEAUX DE CONSTRUCTION**  
[72] BRATTON, MARK, US  
[73] TECTON PRODUCTS, LLC, US  
[86] (2691242)  
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[25] EN  
[54] **SURGICAL MESH IMPLANT COATED WITH COLLAGEN AND A POLYSACCHARIDE**  
[54] **IMPLANT CHIRURGICAL A MAILLES ENDUIT DE COLLAGENE ET D'UN POLYSACCHARIDE**  
[72] LEFRANC, OLIVIER, FR  
[72] GRAVAGNA, PHILIPPE, FR  
[72] THERIN, MICHEL, FR  
[72] BAYON, YVES, FR  
[73] SOFRADIM PRODUCTION, FR  
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[25] EN  
[54] **METHOD AND DEVICE FOR EVALUATING FLUORESCENCE IMAGE RECORDS**  
[54] **PROCEDE ET DISPOSITIF D'EVALUATION D'ENSEMBLES D'IMAGES DE FLUORESCENCE**  
[72] THOMS, MICHAEL, DE  
[73] DUERR DENTAL AG, DE  
[85] 2009-12-21  
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[54] **PHARMACEUTICAL COMPOSITION COMPRISING 11-DEOXY-PROSTAGLANDIN COMPOUND AND METHOD FOR STABILIZING THE COMPOUND**  
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT UN COMPOSE DE 11-DEOXY-PROSTAGLANDINE ET PROCEDE DE STABILISATION DU COMPOSE**  
[72] HARADA, YASUHIRO, JP  
[72] KAWASAKI, JUNICHI, JP  
[72] NISHIMURA, YOSHIE, JP  
[72] UENO, RYUJI, US  
[73] R-TECH UENO, LTD., JP  
[73] SUCAMPO AG, CH  
[85] 2009-12-30  
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[54] **PATE A BEIGNET**  
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[72] SIMKO, JIM, US  
[73] PURATOS N.V., BE  
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[54] **SEALING ARRANGEMENT AND CORRESPONDING METHOD**  
[54] **DISPOSITIF D'ETANCHEITE ET PROCEDE CORRESPONDANT**  
[72] EDVARDESEN, PER ESPEN, NO  
[72] ASKELAND, TOM KJETIL, NO  
[73] SIEM WIS AS, NO  
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[51] **Int.Cl. C08J 3/12 (2006.01) F26B 5/06 (2006.01)**  
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[54] **PROCEDE DE PREPARATION DE MATIERES PULVERULENTES DE POLYMERE FLUORE**  
[72] MELVILLE, ANDREW J., GB  
[72] HARVEY, LEONARD W., US  
[72] GINES, JOEL, GB  
[72] COATES, MICHAEL, US  
[72] WRIGHT, JULIE K., GB  
[73] WHITFORD PLASTICS LIMITED, GB  
[85] 2010-01-15  
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[54] **AN ABUTMENT FOR A MODULAR DECKING SYSTEM**  
[54] **BUTEE POUR SYSTEME DE PLANCHER MODULAIRE**  
[72] RISCHMUELLER, GUY ROBERT, AU  
[72] SAVARTON, FRANEK, AU  
[73] ECOFORM PTY LTD, AU  
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[25] EN  
[54] **SYSTEM AND METHOD FOR RECONNECTING A DEVICE TO A GROUP CALL**  
[54] **SYSTEME ET METHODE DE RECONNEXION DE DISPOSITIF A UN APPEL DE GROUPE**  
[72] LABRADOR, CHRISTOPHER, CA  
[72] OLIVER, BRIAN, CA  
[72] GISBY, DOUGLAS, US  
[72] SIMON-DANIELS, SUSIE, CA  
[72] LOGAN, ADRIAN, CA  
[72] FRITZLEY, ERIC, CA  
[72] MCCOLGAN, BRIAN, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2694508)  
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[54] **ACTIVE STEERING CONTROLLER**  
[54] **CONTROLEUR DE LA DIRECTION ACTIVE**  
[72] CEBON, DAVID, GB  
[72] JUJNOVICH, BRIAN, GB  
[73] CAMBRIDGE ENTERPRISE LIMITED, GB  
[85] 2010-02-03  
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[25] EN  
[54] **SURGICAL DEVICE**  
[54] **DISPOSITIF CHIRURGICAL**  
[72] MALINOUSKAS, DONALD, US  
[72] WHITMAN, MICHAEL P., US  
[72] DATCUK, PETER, US  
[72] NICHOLAS, DAVID, US  
[73] TYCO HEALTHCARE GROUP LP, US  
[85] 2010-03-02  
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[25] EN  
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[54] **INTEGRATION DE VALEURS NUMERIQUES POUR ECHANGES NUMERIQUES**  
[72] SERENA, FRANK DAVID, US  
[73] APPLE INC., US  
[85] 2010-03-10  
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[54] **COMPOSITION DE GRAISSE**  
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[72] NOLAN, STEPHEN J., US  
[73] THE LUBRIZOL CORPORATION, US  
[85] 2010-02-25  
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[25] EN  
[54] **IMPROVED USE OF SUBFRAMES IN A CELLULAR COMMUNICATIONS SYSTEM**  
[54] **UTILISATION AMELIOREE DE SOUS-TRAMES DANS UN SYSTEME DE COMMUNICATION CELLULAIRE**  
[72] ASTELY, DAVID, SE  
[72] PARKVALL, STEFAN, SE  
[72] NYSTROEM, JOHAN, SE  
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE  
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[54] **METHOD OF MOULDING A CHARGE**  
[54] **PROCEDE DE MOULAGE D'UNE CHARGE**  
[72] PRIDIE, JAGO, GB  
[73] AIRBUS OPERATIONS LIMITED, GB  
[85] 2010-03-22  
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[54] **RAME SWITCHING DEVICE**  
[54] **DISPOSITIF DE COMMUTATION DE TRAMES**  
[72] MONNIER, STEPHANE, FR  
[73] AIRBUS OPERATIONS, FR  
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[54] **MODULES STRUCTURELS AVEC ELEMENTS ABSORBANTS**  
[72] LOWE, TIMOTHY ROBERT, GB  
[72] SHUTTLEWORTH, ANDREW, GB  
[72] CULLETON, PAUL DAVID, GB  
[72] PUEHMEIER, TIM, DE  
[73] COVENTRY UNIVERSITY, GB  
[73] PERMAVOID LIMITED, GB  
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[72] THALHAMER, JOSEF, AT  
[72] WEISS, RICHARD, AT  
[72] ROESLER, ELISABETH, AT  
[72] SCHEIBLHOFER, SANDRA, AT  
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[54] **BLOC DE MUR DE SOUTÈNEMENT**  
[72] MACDONALD, ROBERT, US  
[72] LACROIX, DAVID, US  
[73] KEYSTONE RETAINING WALL SYSTEMS, INC., US  
[85] 2010-03-25  
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[54] **PROCEDE DE FABRICATION DE REVETEMENTS DE SOL**  
[72] GEORGES, JEAN-PHILIPPE, BE  
[72] PERES, RICHARD, BE  
[73] TARKETT SAS, FR  
[85] 2010-03-26  
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[25] FR  
[54] **MODULAR IMAGING DEVICE, MODULE FOR THIS DEVICE, AND METHOD OF IMPLEMENTED BY THIS DEVICE**  
[54] **DISPOSITIF D'IMAGERIE MODULAIRE, MODULE POUR CE DISPOSITIF ET PROCEDE M IS EN OEUVRE PAR CE DISPOSITIF**  
[72] VIELLEROBE, BERTRAND, FR  
[72] LACOMBE, FRANCOIS, FR  
[72] BOULAROT, NICOLAS, FR  
[72] DOUSSOUX, FRANCOIS, FR  
[72] LAVILLONNIERE, NICOLAS, FR  
[73] MAUNA KEA TECHNOLOGIES, FR  
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[25] EN  
[54] **REMOVAL OF CARBON DIOXIDE FROM A FEED GAS**  
[54] **ELIMINATION DE DIOXYDE DE CARBONE D'UN GAZ D'ALIMENTATION**  
[72] FIND, RASMUS, DK  
[73] UNION ENGINEERING A/S, DK  
[85] 2010-04-09  
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[51] **Int.Cl. A61B 18/18 (2006.01)**  
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[54] **SURGICAL ANTENNA**  
[54] **ANTENNE CHIRURGICALE**  
[72] HANCOCK, CHRISTOPHER PAUL, GB  
[73] CREO MEDICAL LIMITED, GB  
[85] 2010-04-08  
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[30] GB (0620060.4) 2006-10-10  
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[13] C  
[51] **Int.Cl. A01K 7/00 (2006.01)**  
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[54] **FLUID DELIVERY VALVE ADAPTER**  
[54] **ADAPTEUR POUR VANNE DE DECHARGE DE FLUIDE**  
[72] GABRIEL, GEORGE S., US  
[72] CAMPBELL, NEIL E., US  
[72] PARK, CHIN-SOO, US  
[72] MURRAY, DALE, US  
[72] IRWIN, LYNN, US  
[72] GIANNI, FRANK, US  
[72] GERRINGER, RODNEY, US  
[73] HYDROPAC/LAB PRODUCTS, INC., US  
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[51] **Int.Cl. G03G 15/22 (2006.01) G03G 9/08 (2006.01) C08G 63/52 (2006.01) C08G 63/676 (2006.01)**  
[25] EN  
[54] **CURABLE TONER COMPOSITIONS AND PROCESSES**  
[54] **COMPOSITIONS ET PROCESSUS DE PRODUCTION D'ENCRE PAR CUISSON**  
[72] SACRIPANTE, GUERINO G., CA  
[72] DYCK, NATHAN, CA  
[72] VANBESIEN, DARYL W., CA  
[72] ZWARTZ, EDWARD G., CA  
[72] VONG, CUONG, CA  
[73] XEROX CORPORATION, US  
[86] (2702504)  
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[54] **PROCEDE DE FORMATION DE FLUOROALCOOLS ALCOXYLES**  
[72] MARTIN, THOMAS JOSEPH, US  
[73] TYCO FIRE & SECURITY GMBH, CH  
[85] 2010-04-13  
[86] 2008-12-02 (PCT/US2008/085217)  
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[30] US (60/991,982) 2007-12-03  
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[25] FR  
[54] **THERMAL GENERATOR WITH MAGNETO-CALORIC MATERIAL**  
[54] **GENERATEUR THERMIQUE A MATERIAU MAGNETOCALORIQUE**  
[72] HEITZLER, JEAN-CLAUDE, FR  
[72] MULLER, CHRISTIAN, FR  
[73] COOLTECH APPLICATIONS S.A.S., FR  
[85] 2010-04-15  
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[87] (WO2009/087310)  
[30] FR (07 07612) 2007-10-30

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[51] **Int.Cl. E21B 7/20 (2006.01) E21B 43/10 (2006.01)**  
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[54] **METHOD OF DRILLING A WELLBORE**  
[54] **PROCEDE DE FORAGE D'UN Puits DE FORAGE**  
[72] KRIESELS, PETRUS CORNELIS, NL  
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2010-04-15  
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[54] **GRANULATION PAR VOIE HUMIDE A L'AIDE D'UN SEQUESTRANT D'EAU**  
[72] SUN, THOMAS, US  
[72] LO, RAY, US  
[73] RIGEL PHARMACEUTICALS, INC., US  
[85] 2010-04-29  
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[25] EN  
[54] **PROCEDURE FOR THE MANUFACTURE OF CARBOXYLATED ETHYLENE POLYMER BLENDS**  
[54] **PROCEDE DE PRODUCTION DE MELANGES DE POLYMERES D'ETHYLENE CARBOXYLES**  
[72] BESSER, KLAUS, DE  
[72] GERECKE, JOCHEN, DE  
[72] HAEUSSLER, LUTZ, DE  
[72] LEITNER, BIANKA, DE  
[72] RAPTHEL, INNO, DE  
[73] DOW GLOBAL TECHNOLOGIES LLC, US  
[85] 2010-04-07  
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[30] DE (10 2007 043 972.7) 2007-09-11

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[25] FR  
[54] **DEVICE AND METHOD FOR LOADING SOLID PARTICLES INTO A CHAMBER**  
[54] **DISPOSITIF ET PROCEDE POUR LE CHARGEMENT DE PARTICULES SOLIDES DANS UNE ENCEINTE**  
[72] COTTARD, BERNARD, FR  
[72] LEROY, PASCAL, FR  
[73] TOTAL RAFFINAGE FRANCE, FR  
[85] 2010-05-10  
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[25] EN  
[54] **WAVE GUIDE FOR IMPROVING LIGHT SENSOR ANGULAR RESPONSE**  
[54] **GUIDE D'ONDE PERMETTANT D'AMELIORER LA REPOSE ANGULAIRE D'UN PHOTOSTYLE**  
[72] BROGA, ANTANAS MATTHEW, CA  
[72] LEE, HSIN CHIN, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2705672)  
[87] (2705672)  
[22] 2010-05-27  
[30] EP (09164071) 2009-06-29

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[25] EN

[54] **METHOD FOR PRODUCING COATED AND HARDENED COMPONENTS OF STEEL AND COATED AND HARDENED STEEL STRIP THEREFOR**

[54] **PROCEDE SERVANT A FABRIQUER DES PIECES EN ACIER REVETUES ET TREMPEES ET BANDE D'ACIER CORRESPONDANTE REVETUE ET POUVANT ETRE TREMPEE**

[72] BRANDSTAETTER, WERNER, AT

[72] KOLNBERGER, SIEGFRIED, AT

[72] KURZ, THOMAS, AT

[72] PERUZZI, MARTIN, AT

[72] STRUTZENBERGER, JOHANN, AT

[72] MANZENREITER, THOMAS, AT

[73] VOESTALPINE STAHL GMBH, AT

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[30] DE (10 2007 061 489.8) 2007-12-20

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[54] **SUPER-OXIDE DISMUTASE MIMETICS**

[54] **SUBSTANCES MIMETIQUES DE SUPEROXYDE DISMUTASE**

[72] RILEY, DENNIS PATRICK, US

[73] GALERA LABS, LLC, US

[85] 2010-05-13

[86] 2008-11-14 (PCT/US2008/083666)

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[51] **Int.Cl. G01S 5/14 (2006.01)**

[25] EN

[54] **DISTRIBUTED ORBIT MODELING AND PROPAGATION METHOD FOR A PREDICTED AND REAL-TIME ASSISTED GPS SYSTEM**

[54] **MODELISATION D'ORBITE DISTRIBUEE ET PROCEDE DE PROPAGATION POUR UN SYSTEME GPS ASSISTE PREDIT ET EN TEMPS REEL**

[72] LAMANCE, JAMES W., US

[72] EAGEN, MARIA, US

[72] ROY-MACHABEE, GUYLAIN, CA

[73] RX NETWORKS INC., CA

[85] 2010-05-14

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[13] C

[51] **Int.Cl. A61F 13/49 (2006.01) A61F 13/514 (2006.01)**

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[54] **ABSORBENT WEARING ARTICLE**

[54] **ARTICLE DE VETEMENT ABSORBANT**

[72] MUKAI, HIROTOMO, JP

[72] TSUJI, TOMOKO, JP

[72] HASHIMOTO, TATSUYA, JP

[72] WATABE, YOSHIHISA, JP

[73] UNI-CHARM CORPORATION, JP

[85] 2010-05-27

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[51] **Int.Cl. B01J 31/04 (2006.01) B01J 31/12 (2006.01) B01J 31/14 (2006.01) C07C 2/20 (2006.01)**

[25] EN

[54] **CATALYST COMPOSITION FOR OLIGOMERIZATION OF ETHYLENE, OLIGOMERIZATION PROCESS AND METHOD FOR ITS PREPARATION**

[54] **COMPOSITION DE CATALYSEUR POUR L'OLIGOMERISATION DE L'ETHYLENE, PROCEDE D'OLIGOMERISATION ET PROCEDE DE PREPARATION DE LA COMPOSITION DE CATALYSEUR**

[72] ALIYEV, VUGAR, SA

[72] MOSA, FUAD, SA

[72] AL-HAZMI, MOHAMMED, SA

[73] SAUDI BASIC INDUSTRIES CORPORATION, SA

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[54] **TUBING STRING HANGER AND TENSIONER ASSEMBLY**

[54] **SUPPORT DE TRAIN DE TIGES ET ENSEMBLE TENDEUR**

[72] GARCIA, JAVIER ADOLFO, CA

[73] NATIONAL OILWELL VARCO, L.P., US

[86] (2707265)

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[30] US (12/728,589) 2010-03-22

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[54] **CORDLESS HAND-HELD  
ULTRASONIC CAUTERY  
CUTTING DEVICE**  
[54] **OUTIL DE COUPE  
ULTRASONORE PORTABLE SANS  
FIL DE CAUTERISATION**  
[72] SMITH, KEVIN W., US  
[72] BALES, THOMAS O., US  
[72] PALMER, MATTHEW A., US  
[72] DEVILLE, DEREK DEE, US  
[72] MCBRAYER, SEAN, US  
[72] KLINE, KOREY, US  
[73] COVIDIEN AG, CH  
[85] 2010-06-03  
[86] 2008-12-01 (PCT/US2008/085141)  
[87] (WO2009/073608)  
[30] US (12/270,146) 2008-11-13  
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[30] US (12/266,101) 2008-11-06  
[30] US (61/048,809) 2008-04-29  
[30] US (12/266,252) 2008-11-06  
[30] US (12/269,544) 2008-11-12  
[30] US (61/019,888) 2008-01-09  
[30] US (12/266,664) 2008-11-07  
[30] US (12/266,146) 2008-11-06  
[30] US (12/266,320) 2008-11-06  
[30] US (12/266,226) 2008-11-06  
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[13] C

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[54] **CONVERSION OF  
CARBOHYDRATES TO  
HYDROXYMETHYLFURFURAL  
(HMF) AND DERIVATIVES**  
[54] **CONVERSION DE  
CARBOHYDRATES EN  
HYDROXYMETHYLFURFURAL  
(HMF) ET SES DERIVES**  
[72] SANBORN, ALEXANDRA, US  
[72] HOWARD, STEPHEN, US  
[73] ARCHER DANIELS MIDLAND CO,  
US  
[85] 2010-06-03  
[86] 2008-12-12 (PCT/US2008/086659)  
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[30] US (60/996,946) 2007-12-12  
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[54] **PEEN FINISHING**  
[54] **FINITION DE MARTELAGE**  
[72] WERN, MICHAEL J., US  
[73] ENGINEERED ABRASIVES, INC.,  
US  
[86] (2709474)  
[87] (2709474)  
[22] 2010-07-14  
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[54] **FILTER PRESS**  
[54] **FILTRE-PRESSE**  
[72] PASCHEDAG, THOMAS, DE  
[72] BOEHME, MARION, DE  
[73] ANDRITZ TECHNOLOGY AND  
ASSET MANAGEMENT GMBH, AT  
[85] 2010-06-16  
[86] 2008-12-02 (PCT/AT2008/000427)  
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[54] **ROOM TEMPERATURE  
CROSSLINKED FOAM**  
[54] **MOUSSE RETICULEE A  
TEMPERATURE AMBIANTE**  
[72] KORWIN-EDSON, MICHELLE L., US  
[72] O'LEARY, ROBERT J., US  
[72] QUINN, ROBERT E., US  
[72] OLANG, FATEMEH, US  
[73] OWENS CORNING INTELLECTUAL  
CAPITAL, LLC, US  
[85] 2010-06-17  
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[54] **SEMI-CURTAIN FACADE**  
[54] **FACADE SEMI-RIDEAU**  
[72] JORET, LAURENT, FR  
[72] WATCHI, MARIE-ISABELLE, FR  
[72] HUGONENC, HAROLD, FR  
[73] SAINT-GOBAIN ISOVER, FR  
[85] 2010-06-15  
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[25] EN  
[54] **METHOD AND DEVICE FOR  
COARSE SEPARATION OF SOLID  
PARTICLES FROM SOLID-LADEN  
GASES**  
[54] **PROCEDE ET DISPOSITIF DE  
SEPARATION GROSSIERE DE  
PARTICULES DE MATIERES  
SOLIDES DANS DES GAZ  
CHARGES EN MATIERES  
SOLIDES**  
[72] AICHINGER, GEORG, AT  
[72] BAUERNFEIND, HARALD, AT  
[72] WURM, JOHANN, AT  
[73] SIEMENS VAI METALS  
TECHNOLOGIES GMBH, AT  
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[30] AT (A2101/2007) 2007-12-21

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[25] EN

[54] **AN IMPROVED PROCESS TO PREPARE TREPROSTINIL, THE ACTIVE INGREDIENT IN REMODULIN**

[54] **PROCEDE AMELIORE DE PREPARATION DE TREPROSTINIL, L'INGREDIENT ACTIF DANS LE REMODULIN**

[72] BATRA, HITESH, US

[72] TULADHAR, SUDERSAN M., US

[72] PENMASTA, RAJU, US

[72] WALSH, DAVID A., US

[73] UNITED THERAPEUTICS CORPORATION, US

[85] 2010-06-11

[86] 2008-12-12 (PCT/US2008/013686)

[87] (WO2009/078965)

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[13] C

[51] **Int.Cl. G21C 3/326 (2006.01)**

[25] EN

[54] **NUCLEAR REACTOR, FUEL ASSEMBLY CONSISTING OF DRIVER-BREEDING MODULES FOR A NUCLEAR REACTOR AND A FUEL CELL FOR A FUEL ASSEMBLY**

[54] **REACTEUR NUCLEAIRE, DISPOSITIF COMBUSTIBLE COMPOSE DE MODULES DE PRODUCTION PILOTE POUR UN REACTEUR NUCLEAIRE ET UNE PILE A COMBUSTIBLE POUR UN DISPOSITIF COMBUSTIBLE**

[72] BASHKIRTSEV, SERGEY MIKHAILOVICH, RU

[72] KUZNETSOV, VALENTIN FEDOROVICH, RU

[72] KEVROLEV, VALERY VLADIMIROVICH, RU

[72] MOROZOV, ALEXEI GLEBOVICH, RU

[73] THORIUM POWER, INC., US

[85] 2010-06-21

[86] 2007-12-26 (PCT/RU2007/000732)

[87] (WO2009/082254)

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[54] **IMMERSION TREATMENT SYSTEM**

[54] **INSTALLATION DE TRAITEMENT PAR IMMERSION**

[72] ALBECK, SEBASTIAN, MX

[72] ESPINOSA, ANTONIO BELISARIO DURAN, MX

[72] GONZALEZ, VICTO HUGO BARRAGAN, MX

[72] HANF, JURGEN, DE

[72] ROBBIN, JORG, DE

[73] EISENMANN ANLAGENBAU GMBH & CO. KG, DE

[85] 2010-06-22

[86] 2008-11-29 (PCT/EP2008/010145)

[87] (WO2009/083081)

[30] DE (10 2007 063 061.3) 2007-12-28

[30] DE (10 2008 010 399.3) 2008-02-21

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[25] EN

[54] **NOZZLE AND INHALER AND METHOD FOR PRODUCING A NOZZLE**

[54] **BUSE ET INHALATEUR ET PROCEDE DE PRODUCTION D'UNE BUSE**

[72] DUNNE, STEPHEN T., GB

[73] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE

[85] 2010-07-05

[86] 2009-01-16 (PCT/EP2009/000252)

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[30] GB (0800709.8) 2008-01-16

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4709 (2006.01) A61P 31/04 (2006.01)**

[25] EN

[54] **PROCESS FOR THE PREPARATION OF 8-METHOXYQUINOLONE-CARBOXYLIC ACIDS**

[54] **PROCEDE DE PREPARATION D'ACIDES 8-METHOXYQUINOLONE-CARBOXYLIQUES**

[72] GEHRING, REINHOLD, DE

[72] MOHRS, KLAUS, DE

[72] HEILMANN, WERNER, DE

[72] DIEHL, HERBERT, DE

[73] BAYER INTELLECTUAL PROPERTY GMBH, DE

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[54] **WEB SITE TRIGGER OPTIMIZATION SYSTEM DRIVING CROSS-CHANNEL OPERATIONS**

[54] **SYSTEME D'OPTIMISATION DE DECLENCHEUR DE SITE WEB ENTRAINANT DES OPERATIONS ENTRE CANAUX**

[72] PHILLIPS, HIKARU, AU

[72] NATOLI, CLAUDIO, AU

[73] ACCENTURE GLOBAL SERVICES LIMITED, IE

[86] (2712325)

[87] (2712325)

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[25] EN  
[54] **ADAPTIVE ANALYTICS MULTIDIMENSIONAL PROCESSING SYSTEM**  
[54] **SYSTEME DE TRAITEMENT MULTIDIMENSIONNEL ANALYTIQUE ADAPTATIF**  
[72] GUILD, JOHN A., US  
[72] PHILLIPS, HIKARU, AU  
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE  
[86] (2712569)  
[87] (2712569)  
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[54] **A PROCESS FOR THE PREPARATION OF STABLE IODATE-EXCHANGED SYNTHETIC HYDROTALCITE WITH ZERO EFFLUENT DISCHARGE**  
[54] **PROCEDE DE PREPARATION D'HYDROTALCITE SYNTHETIQUE STABLE A ECHANGE DE IODATE N'ENGENDRANT AUCUNE DECHARGE D'EFFLUENT**  
[72] GHOSH, PUSHPITO KUMAR, IN  
[72] GANDHI, MAHESH RAMANIKLAL, IN  
[72] MEHTA, SATISH HARIRAY, IN  
[72] RAMACHANDRAHIAH, GADDE, IN  
[72] CHUNAWALA, JATIN RAMESHCHANDRA, IN  
[72] SHETH, MRINAL VINODBHAI, IN  
[72] GOHIL, GIRIRAJ SINH SABALSINH, IN  
[73] COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, IN  
[85] 2010-07-26  
[86] 2008-09-25 (PCT/IN2008/000615)  
[87] (WO2009/093260)  
[30] IN (207/DEL/2008) 2008-01-25

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[25] EN  
[54] **SURGICAL SCREW RETENTION CLIP AND METHOD OF USING THE SAME**  
[54] **PINCE DE RETENUE DE VIS CHIRURGICALE ET PROCEDE D'UTILISATION**  
[72] SCHAFFRAN, ALLAN, CA  
[72] WONG, ANDY DOUG-LUN, CA  
[72] DICKIE, ROBERT G., CA  
[73] PURE DENTAL LOGIC INC., CA  
[85] 2010-08-06  
[86] 2008-02-06 (PCT/CA2008/000247)  
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[30] US (11/703,968) 2007-02-08

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[25] EN  
[54] **CELL CULTURE METHOD AND SCREENING METHOD**  
[54] **METHODE DE CULTURE CELLULAIRE ET METHODE DE CRIBLAGE**  
[72] TANIGUCHI, HIDEKI, JP  
[72] ZHENG, YUN-WEN, JP  
[72] TAZAKI, GO, JP  
[72] KOSAKA, TOMOKO, JP  
[72] TSURUTA, HITOSHI, JP  
[72] FUKUDA, MOTOHIRO, JP  
[73] KURARAY CO., LTD., JP  
[73] PUBLIC UNIVERSITY CORPORATION YOKOHAMA CITY UNIVERSITY, JP  
[85] 2010-08-05  
[86] 2009-02-05 (PCT/JP2009/051990)  
[87] (WO2009/099152)  
[30] JP (2008-026384) 2008-02-06

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[13] C

[51] **Int.Cl. B01J 21/00 (2006.01)**  
[25] EN  
[54] **CATALYST FOR CATALYTIC CRACKING OF HYDROCARBON, WHICH IS USED IN PRODUCTION OF LIGHT OLEFIN AND PRODUCTION METHOD THEREOF**  
[54] **CATALYSEUR POUR LE CRAQUAGE CATALYTIQUE D'UN HYDROCARBURE, UTILISE DANS LA PRODUCTION D'UNE OLEFINE LEGERE, ET PROCEDE DE PRODUCTION DE CE CATALYSEUR**  
[72] CHOO, DAE HYUN, KR  
[72] KIM, HONG CHAN, KR  
[72] KIM, SUK JOON, KR  
[72] KIM, JI MIN, KR  
[72] KIM, TAE JIN, KR  
[72] CHOI, SUN, KR  
[72] OH, SEUNG HOON, KR  
[72] KIM, YONG SEUNG, KR  
[72] PARK, DEUK SOO, KR  
[72] PARK, YOUNG KI, KR  
[72] LEE, CHUL WEE, KR  
[72] KIM, HEE YOUNG, KR  
[72] CHOI, WON CHOON, KR  
[72] KANG, NA YOUNG, KR  
[72] SONG, BU SUB, KR  
[73] SK INNOVATION CO., LTD., KR  
[85] 2010-08-04  
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[51] **Int.Cl. A47C 27/10 (2006.01) A47C 23/047 (2006.01) A47C 27/18 (2006.01) A47C 31/12 (2006.01)**

[25] EN

[54] **APPARATUSES AND METHODS PROVIDING VARIABLE SUPPORT AND VARIABLE COMFORT CONTROL OF A SLEEP SYSTEM AND AUTOMATIC ADJUSTMENT THEREOF**

[54] **APPAREILS ET PROCÉDES PERMETTANT UN SUPPORT VARIABLE ET UNE COMMANDE DE CONFORT VARIABLE D'UN SYSTÈME DE SOMMEIL ET AJUSTEMENT AUTOMATIQUE DE CEUX-CI**

[72] OEXMAN, ROBERT D., US  
[72] SCOTT, DAVID B., US  
[73] KINGSDOWN, INC., US  
[85] 2010-08-12  
[86] 2008-11-14 (PCT/US2008/083620)  
[87] (WO2009/102361)  
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[13] C

[51] **Int.Cl. H01Q 21/06 (2006.01) H01Q 23/00 (2006.01)**

[25] EN

[54] **DUAL BEAM DUAL SELECTABLE POLARIZATION ANTENNA**

[54] **ANTENNE A DOUBLE FAISCEAU ET A DOUBLE POLARISATION COMMUTABLE**

[72] WORL, ROBERT T., US  
[72] BEKKER, ISAAC R., US  
[72] MILLER, DAN R., US  
[72] VOYCE, KENNETH G., US  
[72] CHEN, MING, US  
[72] REDD, HAROLD J., US  
[73] THE BOEING COMPANY, US  
[85] 2010-08-16  
[86] 2009-04-30 (PCT/US2009/042257)  
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[51] **Int.Cl. B65D 85/804 (2006.01)**

[25] EN

[54] **CAPSULE WITH FLOW CONTROL AND FILTERING MEMBER**

[54] **CAPSULE A FILTRE REGULATEUR DE FLUX**

[72] EICHLER, PAUL, CH  
[72] KOCH, PETER, CH  
[72] CAMPICHE, FRANCISCO, CH  
[72] MONNIER, PIERRE, CH  
[73] NESTEC S.A., CH  
[85] 2010-08-23  
[86] 2009-01-05 (PCT/EP2009/050034)  
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[25] EN

[54] **NOVEL DOSAGE AND FORMULATION**

[54] **NOUVEAU DOSAGE ET NOUVELLE FORMULATION**

[72] LAMARCA CASADO, ROSA, ES  
[72] DE MIQUEL SERRA, GONZALO, ES  
[73] ALMIRALL, S.A., ES  
[85] 2010-08-20  
[86] 2009-03-13 (PCT/EP2009/001832)  
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[25] EN

[54] **FUSED HETEROCYCLIC DERIVATIVE AND USE THEREOF**

[54] **DÉRIVER HÉTÉROCYCLIQUE FUSIONNÉE ET SON UTILISATION**

[72] FUJII, NOBUHIRO, JP  
[72] OGURO, YUYA, JP  
[72] SASAKI, SATOSHI, JP  
[72] KONDO, SHIGERU, JP  
[73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP  
[85] 2010-08-25  
[86] 2009-02-25 (PCT/JP2009/054007)  
[87] (WO2009/107850)  
[30] JP (2008-045134) 2008-02-26  
[30] JP (2008-256755) 2008-10-01

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[13] C

[51] **Int.Cl. A61K 9/127 (2006.01) A61K 47/24 (2006.01) A61K 47/28 (2006.01) A61P 27/02 (2006.01)**

[25] EN

[54] **LIPOSOME FOR DELIVERY TO POSTERIOR SEGMENT OF EYE AND PHARMACEUTICAL COMPOSITION FOR DISEASE IN POSTERIOR SEGMENT OF EYE**

[54] **LIPOSOME POUR UNE ADMINISTRATION AU SEGMENT POSTÉRIEUR DE L'OEIL ET COMPOSITION PHARMACEUTIQUE POUR UNE MALADIE DU SEGMENT POSTÉRIEUR DE L'OEIL**

[72] HARA, HIDEAKI, JP  
[72] TAKEUCHI, HIROFUMI, JP  
[73] NAGOYA INDUSTRIAL SCIENCE RESEARCH INSTITUTE, JP  
[85] 2010-08-30  
[86] 2009-02-26 (PCT/JP2009/053609)  
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[30] JP (2008-051427) 2008-02-29

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[13] C

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[25] EN  
[54] **A MEDIA SYSTEM AND METHOD**  
[54] **SYSTEME MULTIMEDIA ET**  
**PROCEDE ASSOCIE**  
[72] HORMIGO CEBOLLA, JESUS, ES  
[72] EL IMAD, JAMIL NADIM, GB  
[73] VIRTUALLY LIVE LIMITED, VG  
[85] 2010-09-01  
[86] 2009-03-05 (PCT/GB2009/050222)  
[87] (WO2009/109784)  
[30] GB (0804274.9) 2008-03-07  
[30] EP (08155517.9) 2008-04-30

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[13] C

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[25] EN  
[54] **TIE ROD END WITH FRICTION**  
**REDUCING COATING**  
[54] **JOINT A ROTULE AVEC**  
**REVEITEMENT REDUISANT LE**  
**FROTTEMENT**  
[72] BYRNES, THOMAS J., US  
[72] FITCH, LAWRENCE H., US  
[73] FEDERAL-MOGUL PRODUCTS,  
INC., US  
[85] 2010-09-03  
[86] 2009-03-09 (PCT/US2009/036491)  
[87] (WO2009/111773)  
[30] US (61/034,688) 2008-03-07  
[30] US (12/399,460) 2009-03-06

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[54] **PROCEDE DE PRODUCTION D'UN**  
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[72] MYLLYMAKI, OLAVI, FI  
[73] TEKNOLOGIAN  
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[54] **METHOD AND APPARATUS FOR**  
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**CALENDAR DATABASE**  
[54] **METHODE ET DISPOSITIF DE**  
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[72] MARTIN-COCHER, GAELLE  
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[72] SCOTT, SHERRYL LEE LORRAINE,  
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[73] BLACKBERRY LIMITED, CA  
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[54] **FLACON FILTRANT AVEC**  
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[72] ELLIS, SAMUEL A., US  
[72] HINGORANI, KISHAN G., US  
[73] SCIENTIFIC PLASTIC PRODUCTS,  
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[73] ANDRITZ SEPARATION, INC., US  
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[54] **TRANSFORMATEUR DE MODE OPTIQUE PERMETTANT EN PARTICULIER DE COUPLER UNE FIBRE OPTIQUE ET UN GUIDE D'ONDE A FORTE DIFFERENCE D'INDICE**  
[72] SOCCI, LUCIANO, IT  
[72] BOLLA, LORENZO, IT  
[72] ROMAGNOLI, MARCO, IT  
[72] GALLI, PAOLA, IT  
[72] GHIDINI, SILVIA, IT  
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[54] **TRANSMISSION D'INDICATEUR DE RANG PENDANT UNE RECEPTION DISCONTINUE**  
[72] YU, YI, US  
[72] WOMACK, JAMES EARL, US  
[72] CAI, ZHIJUN, US  
[73] BLACKBERRY LIMITED, CA  
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[54] **ASSOCIATION D'UN FILM ET D'UN HYDROGEL A BASE DE CHITOSANE ET SES APPLICATIONS EN CHIRURGIE**  
[72] DUCREUX, LAURE, FR  
[72] BERAUD, JEAN-MARC, FR  
[73] ANALYTIC BIOSURGICAL SOLUTIONS-ABISS, FR  
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[54] **PROCEDE DE PURIFICATION DE SUCRE LIQUIDE PREPARE A PARTIR DE SUCRE DE CANNE CRU GRANULE**  
[72] BOJORQUEZ VALENZUELA, MARIO CESAR, MX  
[72] PEREZ MARTINEZ, FRANCISCO JAVIER, MX  
[72] FLORES MONTANO, JOSE LUIS, MX  
[73] COMERCIALIZADORA DE PRODUCTOS BASICOS DE MEXICO, S.A. DE C.V., MX  
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[54] **PROCEDE POUR AMORCER DES POLYMERISATIONS RADICALAIRES**  
[72] GRASSL, HARALD, DE  
[72] MEZGER, JOCHEN, DE  
[72] KRAUS, ALEXANDER, DE  
[72] ALBRECHT, GERHARD, DE  
[73] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE  
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[54] **DEBITMETRE A EFFET DE CORIOLIS A DOUBLE TUBE AVEC PLAQUE IMMOBILE CENTRALE SERVANT DE SUPPORT POUR DES COMPOSANTS EXCITATEURS ET DE DETECTION D'ECART**  
[72] LANHAM, GREGORY TREAT, US  
[72] WERBACH, CHRISTOPHER A., US  
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[54] **AMIDE COMPOUND**  
[54] **COMPOSE AMIDE**  
[72] NOZAWA, EISUKE, JP  
[72] IBUKA, RYOTARO, JP  
[72] IKEGAI, KAZUHIRO, JP  
[72] MATSUURA, KEISUKE, JP  
[72] ZENKOH, TATSUYA, JP  
[72] SEO, RYUSHI, JP  
[72] WATANUKI, SUSUMU, JP  
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[54] **METHODS FOR PREPARING 17-  
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STEROIDS AND RELATED  
COMPOUNDS**  
[54] **PROCEDES DE PREPARATION DE  
COMPOSES 17-ALKYNYL-7-  
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[72] WHITE, STEVEN K., US  
[72] GE, YU, US  
[72] HUANG, YUJIN, US  
[73] NEURMEDIX, INC., US  
[85] 2010-11-10  
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STABILITY SYSTEM**  
[54] **SYSTEME MONOCANAL DE  
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[72] AMATO, WILLIAM P., US  
[73] BENDIX COMMERCIAL VEHICLE  
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MONITORING**  
[54] **METHODE DE SURVEILLANCE  
D'UN RESEAU MOBILE**  
[72] CAPUOZZO, GIUSEPPE, IT  
[72] PERSIA, GIOVANNI, IT  
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[73] ACCENTURE GLOBAL SERVICES  
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[54] **OXYBUPROCAINE-CONTAINING  
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EXTERNAL PREPARATION**  
[54] **PREPARATION  
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[72] INOO, KATSUYUKI, JP  
[72] KAWADA, MITSUHIRO, JP  
[72] MORI, KENJIRO, JP  
[73] TEIKOKU SEIYAKU CO., LTD., JP  
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PREPARATION COMPRISING  
OXYBUPROCAINE AND A NON-  
STEROIDAL ANTI-  
INFLAMMATORY**  
[54] **PREPARATION  
DERMATOLOGIQUE  
RENFERMANT DE  
L'OXYBURPROCAINE ET UN  
ANTI-INFLAMATOIRE NON-  
STEROIDE**  
[72] INOO, KATSUYUKI, JP  
[72] KAWADA, MITSUHIRO, JP  
[73] TEIKOKU SEIYAKU CO., LTD., JP  
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[54] **TETE DE Puits POUR UN Puits DE PRODUCTION D'HYDROCARBURES**  
[72] DONOHOE, NICHOLAS, CA  
[73] 1238585 ALBERTA LTD., CA  
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[54] **ANTHRACYCLINE DERIVATIVE CONJUGATES, PROCESS FOR THEIR PREPARATION AND THEIR USE AS ANTITUMOR COMPOUNDS**  
[54] **CONJUGUES DE DERIVES D'ANTHRACYCLINE, PROCEDE DE PREPARATION ASSOCIE ET UTILISATION COMME COMPOSES ANTITUMORAUX**  
[72] BERIA, ITALO, IT  
[72] CARUSO, MICHELE, IT  
[72] FLYGARE, JOHN A., US  
[72] LUPI, VITTORIA, IT  
[72] PEREGO, RITA, IT  
[72] POLAKIS, PAUL, US  
[72] POLSON, ANDREW, US  
[72] SALSA, MATTEO, IT  
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[72] VALSASINA, BARBARA, IT  
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[54] **PROCEDE ET SYSTEME DE DETERMINATION DE LA POSITION ANGULAIRE D'UN ROTOR DE TURBOREACTEUR**  
[72] GALIVEL, JEAN-PIERRE, FR  
[73] SNECMA, FR  
[85] 2010-12-17  
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[54] **ALERTNESS SENSING DEVICE**  
[54] **DISPOSITIF DE DETECTION DE VIGILANCE**  
[72] JOHNS, MURRAY, AU  
[72] HOCKING, CHRISTOPHER, AU  
[73] OPTALERT PTY LTD, AU  
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[54] **A METHOD OF MINING AND PROCESSING SEABED SEDIMENT**  
[54] **PROCEDE D'EXTRACTION MINIERE ET DE TRAITEMENT DE SEDIMENT DE FOND MARIN**  
[72] PATRICIU, DAN COSTACHE, RO  
[73] MARINE RESOURCES EXPLORATION INTERNATIONAL BV, NL  
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[54] **METHOD AND SYSTEM FOR DELIVERY OF HEALTHCARE SERVICES**  
[54] **PROCEDE ET SYSTEME POUR UNE DISTRIBUTION DE SERVICES DE SOINS DE SANTE**  
[72] GREENE, JEFFREY C., US  
[73] MEDENCENTIVE, LLC, US  
[85] 2010-12-29  
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[54] **DISPOSITIF D'INSPECTION A ULTRASONS POUR PIECES DE FABRICATION PROFILEES**  
[72] BOND-THORLEY, ANDREW, GB  
[73] AIRBUS OPERATIONS LIMITED, GB  
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[54] **DISPOSITIF D'INSPECTION**  
[72] BOND-THORLEY, ANDREW, GB  
[73] AIRBUS OPERATIONS LIMITED, GB  
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[54] **SECTIONS D'UNE PRESENTATION AYANT DES PROPRIETES POUVANT ETRE DEFINIES PAR L'UTILISATEUR**  
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[72] VILLARON, SHAWN, US  
[72] ZHANG, DACHUAN, US  
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US  
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[25] EN  
[54] **PREFERRED SYSTEM SELECTION ENHANCEMENTS FOR MULTI-MODE WIRELESS SYSTEMS**  
[54] **AMELIORATIONS DE SELECTION DE SYSTEME PREFERE POUR DES SYSTEMES SANS FIL MULTI-MODES**  
[72] YOON, YOUNG C., US  
[72] BALASUBRAMANIAN, SRINIVASAN, US  
[72] SWAMINATHAN, ARVIND, US  
[73] QUALCOMM INCORPORATED, US  
[85] 2011-01-06  
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[54] **PROCEDE DE BASSE ENERGIE POUR LA PRODUCTION D'AMMONIAC OU DE METHANOL**  
[72] LIPPMANN, DENNIS, DE  
[72] JOHANNING, JOACHIM, DE  
[73] THYSSENKRUPP UHDE GMBH, DE  
[85] 2011-01-19  
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[25] EN  
[54] **AGRICULTURAL IMPLEMENT WITH COMBINED DOWN FORCE AND DEPTH CONTROL**  
[54] **INSTRUMENT ARATOIRE EQUIPE D'UNE COMMANDE COMBINEE D'AJUSTEMENT DE LA PRESSION VERS LE BAS ET D'AJUSTEMENT DE LA PROFONDEUR**  
[72] ADAMS, BRIAN T., US  
[72] WENDTE, KEITH W., US  
[73] CNH INDUSTRIAL AMERICA LLC, US  
[86] (2731590)  
[87] (2731590)  
[22] 2011-02-10  
[30] US (12/870,949) 2010-08-30

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[11] **2,731,744**  
[13] C

[51] **Int.Cl. H04W 52/52 (2009.01) H04W 88/02 (2009.01) H04R 25/00 (2006.01)**  
[25] EN  
[54] **ELECTRONIC DEVICE INCLUDING AUTOMATIC GAIN ADJUSTMENT FOR HEARING AID COMPATIBILITY**  
[54] **DISPOSITIF ELECTRONIQUE MUNI D'UN REGLAGE DE GAIN AUTOMATIQUE DE COMPATIBILITE POUR PROTHESES AUDITIVES**  
[72] GAUTIER, ROBERTO, US  
[72] SPOTO, JAY ROBERT, US  
[72] FRASER, RANDALL SCOTT, US  
[73] BLACKBERRY LIMITED, CA  
[86] (2731744)  
[87] (2731744)  
[22] 2011-02-15  
[30] US (61/304,555) 2010-02-15  
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[13] C

[51] **Int.Cl. B01D 3/14 (2006.01) B01D 3/20 (2006.01) B01D 3/22 (2006.01) B01D 3/42 (2006.01) C07D 301/32 (2006.01)**  
[25] EN  
[54] **ALKYLENE OXIDE PURIFICATION COLUMNS**  
[54] **COLONNES DE PURIFICATION D'OXYDE D'ALKYLENE**  
[72] SZUL, JOHN F., US  
[72] MCCAIN, JAMES H., US  
[72] PFEFFER, FLOYD L., US  
[72] ANDRESEN, HARVEY E., US  
[72] FAIRCHILD, PHILLIP R., US  
[72] NEWMAN, KENT E., US  
[73] DOW TECHNOLOGY INVESTMENTS LLC, US  
[85] 2011-01-25  
[86] 2009-07-24 (PCT/US2009/004295)  
[87] (WO2010/014182)  
[30] US (61/137,485) 2008-07-31

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[13] C

[51] **Int.Cl. H04B 7/212 (2006.01) H04J 3/16 (2006.01) H04W 52/02 (2009.01)**

[25] EN

[54] **METHOD AND APPARATUS PERTAINING TO WIRELESS COMMUNICATIONS SYSTEMS**

[54] **PROCEDE ET APPAREIL CONCU POUR LES COMMUNICATIONS SANS FIL**

[72] JENKINS, JEREMY E., US

[72] KELLER, ROBERT R., JR., US

[72] STUDY, ROBERT S., III, US

[72] THEVANATHAN, MADHURIMA, US

[72] TIEN, HAMIN, US

[73] THE CHAMBERLAIN GROUP, INC., US

[86] (2732561)

[87] (2732561)

[22] 2011-02-24

[30] US (12/717,883) 2010-03-04

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[11] **2,732,909**  
[13] C

[51] **Int.Cl. E06B 9/06 (2006.01) A47D 13/00 (2006.01) E05B 65/08 (2006.01) E06B 11/02 (2006.01) F16P 1/02 (2006.01)**

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[54] **ADJUSTABLE WIDTH BARRIER**

[54] **BARRIERE A LARGEUR REGLABLE**

[72] YATES, ADAM JOHN, GB

[72] DUNN, STEVEN B., US

[72] HATHERILL, MARK A., US

[72] GASTELUM, RODOLFO, US

[72] BIRKERT, THOMAS, US

[73] MUNCHKIN, INC., US

[86] (2732909)

[87] (2732909)

[22] 2011-02-28

[30] US (12/967,140) 2010-12-14

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[11] **2,733,653**  
[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01)**

[25] EN

[54] **DETECTION OF TARGET VARIANTS USING A FLUORESCENT LABEL AND A SOLUBLE QUENCHER**

[54] **DETECTION DE VARIANTS CIBLES AU MOYEN D'UN MARQUEUR FLUORESCENT ET D'UN EXTINCTEUR DE LUMINESCENCE SOLUBLE**

[72] WILL, STEPHEN GORDON, US

[72] GUPTA, AMAR P., US

[72] GEYER, LAURA, US

[73] F. HOFFMANN-LA ROCHE AG, CH

[85] 2011-02-09

[86] 2009-09-16 (PCT/EP2009/006688)

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[30] US (61/098,186) 2008-09-18

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[13] C

[51] **Int.Cl. C09B 33/12 (2006.01) C09B 67/20 (2006.01) C09B 67/46 (2006.01) C09B 67/48 (2006.01)**

[25] EN

[54] **AZO PIGMENT, PROCESS FOR PRODUCING AZO PIGMENT, AND DISPERSION AND COLORING COMPOSITION CONTAINING AZO PIGMENT**

[54] **PIGMENT AZOIQUE, PROCEDE DE PRODUCTION D'UN PIGMENT AZOIQUE ET COMPOSITION DE DISPERSION ET COLORATION RENFERMENT LE PIGMENT AZOIQUE**

[72] TATEISHI, KEIICHI, JP

[72] HAYASHI, SHINYA, JP

[73] FUJIFILM CORPORATION, JP

[85] 2011-03-25

[86] 2009-09-28 (PCT/JP2009/066822)

[87] (WO2010/035845)

[30] JP (2008-251880) 2008-09-29

[30] JP (2008-251881) 2008-09-29

[30] JP (2008-251882) 2008-09-29

[30] JP (2009-223193) 2009-09-28

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[13] C

[51] **Int.Cl. H02P 9/10 (2006.01) B60R 16/033 (2006.01) H02J 7/16 (2006.01)**

[25] EN

[54] **FIELD TRANSIENT SUPPRESSION SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE SUPPRESSION DE TRANSITOIRES DE CHAMP**

[72] BEKIAROV, STOYAN B., US

[73] C.E. NIEHOFF & CO., US

[85] 2011-03-29

[86] 2009-09-28 (PCT/US2009/005367)

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[13] C

[51] **Int.Cl. C21B 7/14 (2006.01) F27D 3/14 (2006.01)**

[25] EN

[54] **DEVICE FOR DISTRIBUTING A MATERIAL IN A MOLTEN STATE**

[54] **DISPOSITIF DE REPARTITION D'UN MATERIAU EN FUSION**

[72] CIMENTI, GIOVANNI, LU

[72] BODEVING, CLAUDE, LU

[72] MEISCH, CLAUDE, LU

[73] TMT - TAPPING MEASURING TECHNOLOGY SARL, LU

[85] 2011-04-28

[86] 2009-11-03 (PCT/EP2009/064529)

[87] (WO2010/052211)

[30] LU (91 495) 2008-11-10

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[13] C

[51] **Int.Cl. B22D 11/05 (2006.01)**

[25] EN

[54] **CASTING EQUIPMENT FOR THE CASTING OF SHEET INGOT**

[54] **EQUIPEMENT DE COULEE POUR LA COULEE DE LINGOTS DE LAMINAGE**

[72] NAESS, HARALD, JR., NO

[72] IVELAND, TERJE, NO

[72] HAKONSEN, ARILD, NO

[72] STRANDHEIM, TORE, NO

[72] BERSAS, ULF, NO

[73] NORSK HYDRO ASA, NO

[85] 2011-05-11

[86] 2009-09-07 (PCT/NO2009/000309)

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[30] NO (20084917) 2008-11-21

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[13] C

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[25] EN  
[54] **A CLAMP AND WRAPPING ASSEMBLY FOR PATCHING A PIPE RUPTURE**  
[54] **ENSEMBLE COLLIER ET ENVELOPEMENT POUR REPARATION DE RUPTURE DE TUYAU**  
[72] ROBINSON, JEFFERY, AU  
[73] THE COMMONWEALTH OF AUSTRALIA, AU  
[85] 2011-05-18  
[86] 2009-11-19 (PCT/AU2009/001507)  
[87] (WO2010/057256)  
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[13] C

[51] **Int.Cl. E21B 41/02 (2006.01) E21B 33/076 (2006.01) E21B 37/06 (2006.01)**  
[25] EN  
[54] **SUB-SEA CHEMICAL INJECTION METERING VALVE**  
[54] **VANNE DE REGULATION D'INJECTIONS CHIMIQUES SOUS-MARINES**  
[72] MCHUGH, EDMUND PETER, IE  
[72] WHITE, JAMES EDEN, IE  
[72] AUGENSTEIN, DONALD R., US  
[72] MIHALCIN, MATTHEW, US  
[73] CAMERON INTERNATIONAL CORPORATION, US  
[85] 2011-05-20  
[86] 2009-10-22 (PCT/US2009/061732)  
[87] (WO2010/065210)  
[30] US (61/120,227) 2008-12-05

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[11] **2,744,494**  
[13] C

[51] **Int.Cl. A01K 11/00 (2006.01)**  
[25] EN  
[54] **DEVICE FOR COLLECTING A TISSUE SAMPLE FROM AN ANIMAL**  
[54] **DISPOSITIF DE PRELEVEMENT D'UN ECHANTILLON DE TISSU D'UN ANIMAL**  
[72] DESTOUMIEUX, JEAN-JACQUES, FR  
[72] TEYCHENE, BRUNO, FR  
[73] ALLFLEX EUROPE, FR  
[85] 2011-05-24  
[86] 2009-07-31 (PCT/EP2009/059981)  
[87] (WO2010/066475)  
[30] FR (FR0858453) 2008-12-10

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[13] C

[51] **Int.Cl. C08J 3/00 (2006.01)**  
[25] EN  
[54] **HYDROPHILIC APERTURED FORMED FILM**  
[54] **FILM FACONNE AJOURE HYDROPHILE**  
[72] MASCHINO, ANDREW D., US  
[72] GROSS, ALVIN W., US  
[73] TREDEGAR FILM PRODUCTS CORPORATION, US  
[85] 2011-05-27  
[86] 2010-02-19 (PCT/US2010/024644)  
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[30] US (61/208,109) 2009-02-20  
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[51] **Int.Cl. B02C 21/02 (2006.01) E21C 47/04 (2006.01)**  
[25] EN  
[54] **MOBILE CRUSHER**  
[54] **INSTALLATION DE BROYAGE DEPLACABLE**  
[72] BUTTER, CLAUS-JUERGEN, AT  
[72] FEGER, FRANK, AT  
[73] SANDVIK MINING AND CONSTRUCTION MATERIALS HANDLING GMBH & CO KG, AT  
[85] 2011-06-02  
[86] 2009-12-02 (PCT/AT2009/000467)  
[87] (WO2010/063049)  
[30] AT (A 1883/2008) 2008-12-03

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[13] C

[51] **Int.Cl. H04W 24/00 (2009.01) H04W 4/00 (2009.01) H04W 4/24 (2009.01)**  
[25] EN  
[54] **COMPUTER-IMPLEMENTED METHOD, SYSTEM, AND COMPUTER PROGRAM PRODUCT FOR TELECOMMUNICATIONS RATING**  
[54] **PROCEDE INFORMATISE, SYSTEME ET PRODUIT-PROGRAMME INFORMATIQUES POUR LA TARIFICATION DES TELECOMMUNICATIONS**  
[72] LISI, ROCCO, IT  
[72] DI FENZA, FABIO, IT  
[72] POMPEI, STEFANO, IT  
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE  
[86] (2746049)  
[87] (2746049)  
[22] 2011-07-12  
[30] EP (10 425 261.4) 2010-07-29

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[11] **2,747,061**  
[13] C

[51] **Int.Cl. E04G 21/14 (2006.01) E04B 2/86 (2006.01)**  
[25] EN  
[54] **A METHOD FOR MOUNTING FACADE ELEMENTS ON A MULTI-STOREY BUILDING**  
[54] **PROCEDE POUR MONTER DES ELEMENTS DE FACADE SUR UN BATIMENT A PLUSIEURS ETAGES**  
[72] FALK, JON HENRIK, SE  
[72] AUGUSTINSON, DAVID FREDRIK, SE  
[73] BRUNKEBERG SYSTEMS AB, SE  
[85] 2011-06-15  
[86] 2009-12-18 (PCT/EP2009/067481)  
[87] (WO2010/070082)  
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[13] C  
[51] **Int.Cl. B60Q 1/26 (2006.01) B60W 30/08 (2012.01) F21S 8/10 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR DEFINING A SAFETY ZONE FOR A VEHICLE, A PERSON OR AN ANIMAL**  
[54] **APPAREIL ET METHODE SERVANT A DEFINIR UNE ZONE DE SECURITE POUR UN VEHICULE, UNE PERSONNE OU UN ANIMAL**  
[72] TOLL, GORDON, CA  
[73] TOLL, GORDON, CA  
[85] 2011-06-22  
[86] 2009-12-23 (PCT/CA2009/001870)  
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[13] C  
[51] **Int.Cl. F03D 17/00 (2016.01) F03D 9/25 (2016.01) F03D 7/02 (2006.01) H02K 1/06 (2006.01) H02K 7/18 (2006.01)**  
[25] EN  
[54] **WIND TURBINE AND METHOD FOR MONITORING THE GAP LENGTH BETWEEN A ROTOR AND A STATOR OF THE WIND TURBINE GENERATOR**  
[54] **TURBINE EOLIENNE ET PROCEDE DE SURVEILLANCE DE LA LONGUEUR D'UN ENTREFER ENTRE UN ROTOR ET UN STATOR DU GENERATEUR A TURBINE EOLIENNE**  
[72] DAMEN, MICHIEL EDUARD CORNELIS, NL  
[72] LUIMES, HERMAN, NL  
[73] XEMC DARWIND BV, NL  
[85] 2011-06-22  
[86] 2009-12-17 (PCT/EP2009/067396)  
[87] (WO2010/072645)  
[30] EP (08172789.3) 2008-12-23

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[11] **2,748,190**  
[13] C  
[51] **Int.Cl. C09D 11/40 (2014.01) C09D 11/322 (2014.01)**  
[25] EN  
[54] **INK SET, RECORDED MATERIAL AND PRINTED MATERIAL**  
[54] **ENSEMBLE D'ENCRE, MATERIAU ENREGISTRE ET MATERIAU IMPRIME**  
[72] TATEISHI, KEIICHI, JP  
[73] FUJIFILM CORPORATION, JP  
[85] 2011-06-22  
[86] 2009-12-25 (PCT/JP2009/071911)  
[87] (WO2010/074350)  
[30] JP (2008-335174) 2008-12-26  
[30] JP (2009-293568) 2009-12-24

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[13] C  
[51] **Int.Cl. A61B 17/56 (2006.01) A61B 17/86 (2006.01)**  
[25] EN  
[54] **COMPOSITE MATERIAL BONE IMPLANT**  
[54] **IMPLANT OSSEUX EN MATERIAU COMPOSITE**  
[72] BEYAR, MORDECHAY, IL  
[72] GLOBERMAN, OREN, IL  
[72] EINAV, ELAD, IL  
[72] WACHSLER-AVRAHAMI, HILA, IL  
[73] CARBOFIX ORTHOPEDICS LTD., IL  
[85] 2011-07-13  
[86] 2010-01-18 (PCT/IB2010/050225)  
[87] (WO2010/082183)  
[30] US (61/205,160) 2009-01-16  
[30] US (61/213,991) 2009-08-06

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 3/04 (2006.01) A61P 3/08 (2006.01) A61P 9/10 (2006.01) A61P 25/08 (2006.01) A61P 25/16 (2006.01) A61P 25/18 (2006.01) A61P 25/26 (2006.01) A61P 25/28 (2006.01)**  
[25] EN  
[54] **3-(SULFONYL)PYRAZOLO[1,5-A]PYRIMIDINES - ANTAGONISTS OF SEROTONIN 5-HT6 RECEPTORS, METHODS FOR THEIR PREPARATION AND USE**  
[54] **3-SULFONYL-PYRAZOLO[1,5-A]PYRIMIDINES FONCTIONNANT COMME DES ANTAGONISTES DES RECEPTEURS 5-HT6 DE SEROTONINE, PROCEDES DE FABRICATION ET D'UTILISATION**  
[72] IVASHCHENKO, ANDREY ALEXANDROVICH, RU  
[72] IVASHCHENKO, ALEXANDER VASILIEVICH, US  
[72] SAVCHUK, NIKOLAY FILIPPOVICH, RU  
[73] ALLA CHEM, LLC, US  
[73] IVASHCHENKO, ANDREY ALEXANDROVICH, RU  
[85] 2011-05-06  
[86] 2009-01-23 (PCT/IB2009/050270)  
[87] (WO2009/093206)  
[30] RU (2008102154) 2008-01-24

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[13] C  
[51] **Int.Cl. F21V 29/15 (2015.01) F21V 29/83 (2015.01) F21V 7/00 (2006.01) F21V 8/00 (2006.01) F21V 9/04 (2006.01) G02B 6/032 (2006.01)**  
[25] EN  
[54] **LIGHT SOURCE UNIT**  
[54] **SOURCE LUMINEUSE**  
[72] NAKABAYASHI, HITOSHI, JP  
[72] MORIMOTO, AKIHISA, JP  
[72] IGUCHI, TAKEHIKO, JP  
[73] USHIO DENKI KABUSHIKI KAISHA, JP  
[86] (2749832)  
[87] (2749832)  
[22] 2011-08-22  
[30] JP (2010-191774) 2010-08-30  
[30] JP (2010-211664) 2010-09-22

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[13] C

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[25] EN  
[54] **TISSUE CASSETTE LABEL**  
[54] **ETIQUETTE POUR CASSETTE DE TISSU**  
[72] GUO, LIPING, US  
[72] JANICEK, MARY J., US  
[73] BRADY WORLDWIDE, INC., US  
[85] 2011-07-27  
[86] 2010-01-21 (PCT/US2010/021554)  
[87] (WO2010/088122)  
[30] US (12/360,951) 2009-01-28

[11] **2,750,950**  
[13] C

- [51] **Int.Cl. H01H 13/83 (2006.01) F21V 8/00 (2006.01) H04W 88/02 (2009.01)**  
[25] EN  
[54] **BACKLIGHTING ASSEMBLY FOR A KEYPAD**  
[54] **ENSEMBLE DE RETROCLAIRAGE POUR CLAVIER**  
[72] CHEN, CHAO, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2750950)  
[87] (2750950)  
[22] 2011-08-29  
[30] EP (10175018.0) 2010-09-02

[11] **2,751,331**  
[13] C

- [51] **Int.Cl. B01D 71/76 (2006.01)**  
[25] EN  
[54] **NANOFABRICATED MEMBRANE USING POLYMERIZED PROTEOLIPOSOMES**  
[54] **NANOFABRICATION D'UNE MEMBRANE AU MOYEN DE PROTEOLIPOSOMES POLYMERISES**  
[72] MONTEMAGNO, CARLO, US  
[72] BHATT, CHANDRASMITHA, DK  
[72] YI, JINSOO, DK  
[72] STENSTROEM, THEISS, DK  
[73] APPLIED BIOMIMETIC A/S, DK  
[85] 2011-08-02  
[86] 2010-02-03 (PCT/US2010/023043)  
[87] (WO2010/091078)  
[30] US (61/149,521) 2009-02-03

[11] **2,751,872**  
[13] C

- [51] **Int.Cl. H04W 8/18 (2009.01) H04W 4/12 (2009.01) G06F 3/14 (2006.01)**  
[25] EN  
[54] **DYNAMICALLY MANIPULATING AN EMOTICON OR AVATAR**  
[54] **MANIPULATION DYNAMIQUE D'UN EMOTICONE OU D'UN AVATAR**  
[72] BROWN, ROBERT WILLIAM, CA  
[72] HUNG, MICHAEL HIN KAI, CA  
[72] YOUNG, REBECCA LYNNE, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2751872)  
[87] (2751872)  
[22] 2011-09-07  
[30] US (12/876,580) 2010-09-07

[11] **2,751,883**  
[13] C

- [51] **Int.Cl. A61M 5/168 (2006.01) G06F 19/00 (2011.01)**  
[25] EN  
[54] **INFUSION PUMP AND METHOD TO PREVENT TITRATION ERRORS IN INFUSION THERAPIES**  
[54] **POMPE POUR INFUSION ET PROCEDE POUR EMPECHER DES ERREURS DE TITRAGE DANS DES THERAPIES D'INFUSION**  
[72] HUNGERFORD, ROGER L., US  
[72] ALLEN, CURT MATTHEW, US  
[73] BAXTER INTERNATIONAL INC., US  
[73] BAXTER HEALTHCARE S.A., CH  
[85] 2011-08-09  
[86] 2009-11-19 (PCT/US2009/065102)  
[87] (WO2010/090669)  
[30] US (12/322,898) 2009-02-09

[11] **2,751,898**  
[13] C

- [51] **Int.Cl. B63B 35/10 (2006.01)**  
[25] EN  
[54] **ICE-BREAKING SYSTEM FOR FLOATING BODY**  
[54] **SYSTEME BRISE-GLACE POUR CORPS FLOTTANT**  
[72] PRUIN, BEREND, DE  
[72] NICHITA, CLAUDIU, DE  
[73] WAERTSILAE SHIP DESIGN GERMANY GMBH, DE  
[85] 2011-08-09  
[86] 2009-03-10 (PCT/EP2009/001709)  
[87] (WO2010/102642)

[11] **2,752,701**  
[13] C

- [51] **Int.Cl. B64C 27/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR VIBRATION CONTROL IN A ROTORCRAFT USING AN ADAPTIVE REFERENCE MODEL ALGORITHM**  
[54] **SYSTEME ET PROCEDE DE CONTROLE DES VIBRATIONS DANS UN APPAREIL A VOILURE TOURNANTE, UTILISANT UN ALGORITHME AVEC MODELE DE REFERENCE ADAPTIF**  
[72] HEVERLY, DAVID E., II, US  
[72] SINGH, RUPINDER, US  
[72] PAPPAS, JOHN, US  
[73] BELL HELICOPTER TEXTRON INC., US  
[85] 2011-08-16  
[86] 2010-03-01 (PCT/US2010/025720)  
[87] (WO2010/099521)  
[30] US (61/156,141) 2009-02-27

[11] **2,753,190**  
[13] C

- [51] **Int.Cl. A61B 3/00 (2006.01)**  
[25] EN  
[54] **DISPOSABLE COVER FOR CONTACT-TYPE LENS PIECE**  
[54] **PROTECTION JETABLE POUR LENTILLE DE CONTACT**  
[72] SHEA, WILLIAM, US  
[72] MULLOWNEY, KEITH, US  
[72] LINDER, BARRY, US  
[72] BAKER, PHIL, US  
[72] REED, SHELLY, US  
[72] CRONE, WILLEM, US  
[72] CHENG, YEOU-YEN, US  
[73] CLARITY MEDICAL SYSTEMS, INC., US  
[85] 2011-08-19  
[86] 2010-02-22 (PCT/US2010/024910)  
[87] (WO2010/096756)  
[30] US (12/391,218) 2009-02-23

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[11] **2,753,735**  
[13] C

[51] **Int.Cl. B29C 70/32 (2006.01) B29C 70/44 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR MANUFACTURING COMPOSITE PARTS**

[54] **METHODE ET APPAREIL DE FABRICATION D'ELEMENTS EN COMPOSITE**

[72] ASTWOOD, SIMON, GB

[72] JACOBS, JOHN, GB

[72] HOCKING, MATTHEW, GB

[72] PRIDIE, JAGO, GB

[73] AIRBUS OPERATIONS LIMITED, GB

[85] 2011-08-26

[86] 2010-03-01 (PCT/GB2010/050357)

[87] (WO2010/100481)

[30] GB (0903805.0) 2009-03-05

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[11] **2,754,008**  
[13] C

[51] **Int.Cl. A61K 31/56 (2006.01) A61K 9/08 (2006.01) A61K 31/573 (2006.01) A61P 9/10 (2006.01) A61P 17/00 (2006.01)**

[25] EN

[54] **MEDICINAL COSMETIC LIPOATROPHY**

[54] **LIPOATROPHIE COSMETIQUE MEDICINALE**

[72] HEXSEL, DORIS, BR

[73] HEXSEL, DORIS, BR

[85] 2011-08-30

[86] 2010-03-02 (PCT/BR2010/000059)

[87] (WO2010/099587)

[30] US (61/209,065) 2009-03-02

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[11] **2,754,029**  
[13] C

[51] **Int.Cl. B44C 1/10 (2006.01) B44C 1/17 (2006.01)**

[25] FR

[54] **ADHESIVE MARKING DEVICE COMPRISING A CARRIER FILM AND METHOD FOR MAKING SUCH DEVICE**

[54] **DISPOSITIF DE MARQUAGE ADHESIF COMPORTANT UN FILM SUPPORT ET PROCEDE DE REALISATION D'UN TEL DISPOSITIF**

[72] HILLEREAU, JEAN-MICHEL, FR

[73] ADHETEC, FR

[85] 2011-08-30

[86] 2010-03-10 (PCT/FR2010/050404)

[87] (WO2010/103232)

[30] FR (09.01119) 2009-03-11

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[11] **2,754,041**  
[13] C

[51] **Int.Cl. C07H 19/16 (2006.01) C07H 19/06 (2006.01) C07H 21/00 (2006.01) C07K 1/13 (2006.01) C09B 11/28 (2006.01) C09B 62/002 (2006.01) C12Q 1/00 (2006.01) C12Q 1/68 (2006.01) G01N 33/58 (2006.01)**

[25] EN

[54] **LABELING REAGENTS AND LABELED TARGETS, TARGET LABELING PROCESSES AND OTHER PROCESSES FOR USING SAME IN NUCLEIC ACID DETERMINATIONS AND ANALYSES**

[54] **REACTIFS DE MARQUAGE ET CIBLES MARQUEES, PROCEDES DE MARQUAGE DES CIBLES ET AUTRES PROCEDES POUR L'UTILISATION DE CES DERNIERES DANS LA DETERMINATION ET L'ANALYSE DES ACIDES NUCLEIQUES**

[72] STAVRIANOPOULOS, JANNIS G., US

[72] RABBANI, ELAZAR, US

[73] ENZO LIFE SCIENCES, INC., US

[86] (2754041)

[87] (2754041)

[22] 2003-03-11

[62] 2,421,552

[30] US (10/096,075) 2002-03-12

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[11] **2,754,186**  
[13] C

[51] **Int.Cl. C09B 69/00 (2006.01) C09K 11/06 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **LABELING REAGENTS AND LABELED TARGETS, TARGET LABELING PROCESSES AND OTHER PROCESSES FOR USING SAME IN NUCLEIC ACID DETERMINATIONS AND ANALYSES**

[54] **ETIQUETAGE D'AGENTS REACTIFS ET CIBLES ETIQUETES, PROCEDES D'ETIQUETAGE DE CIBLE ET AUTRES PROCEDES LES EMPLOYANT POUR LA DETERMINATION ET L'ANALYSE D'ACIDE NUCLEIQUE**

[72] STAVRIANOPOULOS, JANNIS G., US

[72] RABBANI, ELAZAR, US

[73] ENZO LIFE SCIENCES, INC., US

[86] (2754186)

[87] (2754186)

[22] 2003-03-11

[62] 2,421,552

[30] US (10/096,075) 2002-03-12

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[11] **2,754,404**  
[13] C

[51] **Int.Cl. G10L 19/00 (2013.01)**  
[25] EN  
[54] **AUDIO SIGNAL ENCODING METHOD, AUDIO SIGNAL DECODING METHOD, ENCODING DEVICE, DECODING DEVICE, AUDIO SIGNAL PROCESSING SYSTEM, AUDIO SIGNAL ENCODING PROGRAM, AND AUDIO SIGNAL DECODING PROGRAM**

[54] **PROCEDE DE CODAGE DE SIGNAL SONORE, PROCEDE DE DECODAGE DE SIGNAL SONORE, DISPOSITIF DE CODAGE, DISPOSITIF DE DECODAGE, SYSTEME DE TRAITEMENT DE SIGNAL SONORE, PROGRAMME DE CODAGE DE SIGNAL SONORE ET PROGRAMME DE DECODAGE DE SIGNAL SONORE**

[72] TSUJINO, KOSUKE, JP  
[72] KIKUIRI, KEI, JP  
[72] NAKA, NOBUHIKO, JP  
[73] NTT DOCOMO, INC., JP  
[85] 2011-09-02  
[86] 2010-03-03 (PCT/JP2010/053454)  
[87] (WO2010/101190)  
[30] JP (2009-053693) 2009-03-06

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[11] **2,754,774**  
[13] C

[51] **Int.Cl. A61F 2/16 (2006.01)**  
[25] EN  
[54] **SYSTEM FOR FORMING AND MODIFYING LENSES AND LENSES FORMED THEREBY**

[54] **SYSTEME DE FORMATION ET DE MODIFICATION DE LENTILLES ET LENTILLES AINSI OBTENUES**

[72] BILLE, JOSEF F., DE  
[73] PERFECT IP, LLC, US  
[85] 2011-09-01  
[86] 2010-03-04 (PCT/US2010/026280)  
[87] (WO2010/102155)  
[30] US (61/209,362) 2009-03-04  
[30] US (61/209,363) 2009-03-04  
[30] US (61/181,420) 2009-05-27  
[30] US (61/181,519) 2009-05-27  
[30] US (61/181,525) 2009-05-27

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[11] **2,755,265**  
[13] C

[51] **Int.Cl. B64C 23/00 (2006.01) B64C 25/10 (2006.01) B64F 5/00 (2006.01)**  
[25] EN  
[54] **METHOD OF ATTENUATING NOISE IN AIRCRAFT, LANDING GEAR STRUCTURE OF AIRCRAFT, AND AIRCRAFT**

[54] **PROCEDE DE REDUCTION DU BRUIT D'UN VEHICULE AERIEN, STRUCTURE DE JAMBE D'ATTERRISSAGE D'UN VEHICULE AERIEN ET VEHICULE AERIEN**

[72] ISOTANI, KAZUhide, JP  
[72] HAYAMA, KENJI, JP  
[72] KUMADA, TOSHIYUKI, JP  
[72] ONO, MASARU, JP  
[73] THE SOCIETY OF JAPANESE AEROSPACE COMPANIES, JP  
[73] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP  
[73] SUMITOMO PRECISION PRODUCTS CO., LTD., JP  
[85] 2011-09-12  
[86] 2010-03-26 (PCT/JP2010/002209)  
[87] (WO2010/116658)  
[30] JP (2009-081708) 2009-03-30

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[11] **2,755,431**  
[13] C

[51] **Int.Cl. A61B 17/70 (2006.01)**  
[25] EN  
[54] **INTERSPINOUS PROCESS IMPLANT AND FUSION CAGE SPACER**

[54] **IMPLANT D'APOPHYSE INTEREPINEUSE ET ESPACEUR DE CAGE DE FUSION**

[72] HESS, HAROLD, US  
[73] SPINAL SIMPLICITY LLC, US  
[85] 2011-09-13  
[86] 2009-12-30 (PCT/US2009/006742)  
[87] (WO2010/104496)  
[30] US (61/209,997) 2009-03-13  
[30] US (12/554,922) 2009-09-07

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[11] **2,755,958**  
[13] C

[51] **Int.Cl. A61M 5/36 (2006.01) A61M 5/145 (2006.01)**  
[25] EN  
[54] **INJECTOR AUTO PURGE**

[54] **AUTO-NETTOYAGE D'UN DISPOSITIF D'INJECTION**

[72] GRISPO, KEITH M., US  
[73] LIEBEL-FLARSHEIM COMPANY LLC, US  
[86] (2755958)  
[87] (2755958)  
[22] 2005-02-11  
[62] 2,555,900  
[30] US (10/780,269) 2004-02-17

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[11] **2,756,047**  
[13] C

[51] **Int.Cl. A61K 31/23 (2006.01) A61P 31/10 (2006.01)**  
[25] EN  
[54] **FATTY ACID MONOGLYCERIDE COMPOSITIONS**

[54] **COMPOSITIONS DE MONOGLYCERIDES D'ACIDES GRAS**

[72] LENN, JON, US  
[72] HUNT, BARRY, AU  
[72] HSIA, EDWARD, US  
[72] HOFLAND, HANS, US  
[73] STIEFEL LABORATORIES, INC., US  
[73] STIEFEL RESEARCH AUSTRALIA PTY LTD, AU  
[85] 2011-09-19  
[86] 2010-03-19 (PCT/US2010/027905)  
[87] (WO2010/108060)  
[30] US (61/202,635) 2009-03-20  
[30] US (61/213,313) 2009-05-28

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[11] **2,756,554**  
[13] C

[51] **Int.Cl. C12P 13/02 (2006.01) A61K 31/196 (2006.01) A61K 36/899 (2006.01) B02C 9/00 (2006.01) C12C 1/047 (2006.01) C12P 1/00 (2006.01)**

[25] EN

[54] **METHOD FOR INCREASING CONCENTRATION OF AVENANTHRAMIDES IN OATS PROCEDES POUR AUGMENTER LA CONCENTRATION D'AVENANTHRAMIDES DANS LES AVOINES**

[72] COLLINS, FRANK WILLIAM, CA  
[72] BURROWS, VERNON DOUGLAS, CA

[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF AGRICULTURE AND AGRI-FOOD, CA

[85] 2011-09-23  
[86] 2010-03-25 (PCT/CA2010/000458)  
[87] (WO2010/108277)  
[30] US (61/163,975) 2009-03-27

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[11] **2,756,567**  
[13] C

[51] **Int.Cl. H04W 74/00 (2009.01) H04W 24/02 (2009.01)**

[25] EN

[54] **SCHEDULING WITH REVERSE DIRECTION GRANT IN WIRELESS COMMUNICATION SYSTEMS**

[54] **REPARTITION AVEC AUTORISATION EN SENS INVERSE DANS DES SYSTEMES DE COMMUNICATION SANS FIL**

[72] MEYLAN, ARNAUD, US  
[72] NANDA, SANJIV, US  
[73] QUALCOMM INCORPORATED, US

[86] (2756567)  
[87] (2756567)  
[22] 2006-09-12  
[62] 2,622,135  
[30] US (60/716,449) 2005-09-12  
[30] US (11/312,187) 2005-12-19

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[11] **2,757,620**  
[13] C

[51] **Int.Cl. A61K 39/09 (2006.01) A61K 39/39 (2006.01)**

[25] EN

[54] **PNEUMOCOCCAL VACCINE AND USES THEREOF**

[54] **VACCIN ANTI-PNEUMOCOCCIQUE ET SES UTILISATIONS**

[72] DAVIS, HEATHER LYNN, CA  
[72] KRIEG, ARTHUR MERTZ, US  
[72] LOHSE, NICOLAI, DK  
[72] OSTERGAARD, LARS, DK  
[72] SCHONHEYDER, HENRIK CARL, DK

[72] SOGAARD, OLE SCHMELTZ, DK

[73] COLEY PHARMACEUTICAL GROUP, INC., US

[85] 2011-09-30  
[86] 2010-03-17 (PCT/IB2010/051150)  
[87] (WO2010/125480)  
[30] US (61/174,068) 2009-04-30  
[30] US (61/238,313) 2009-08-31

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[11] **2,759,605**  
[13] C

[51] **Int.Cl. B65G 21/04 (2006.01) B65G 15/00 (2006.01) B65G 21/22 (2006.01)**

[25] EN

[54] **CONVEYOR FOR THE TRANSPORT OF BULK MATERIALS**

[54] **CONVOYEUR POUR LE TRANSPORT DE MATERIAUX EN VRAC**

[72] TRIEB, HERBERT, AT  
[73] INNOVA PATENT GMBH, AT

[86] (2759605)  
[87] (2759605)  
[22] 2011-11-29  
[30] AT (A 2003-2010) 2010-12-02

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[11] **2,760,048**  
[13] C

[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/435 (2006.01) A61K 31/436 (2006.01) A61K 31/435 (2006.01) A61K 31/436 (2006.01) A61K 31/439 (2006.01) A61K 31/506 (2006.01) A61K 31/5377 (2006.01) A61P 25/14 (2006.01) A61P 25/16 (2006.01) C07D 491/048 (2006.01) C07D 491/052 (2006.01) C07D 495/04 (2006.01)**

[25] EN

[54] **THIAZOLE COMPOUND AND USE IN THE TREATMENT OF MOTOR DISORDERS**

[54] **COMPOSE DE THIAZOLE ET UTILISATION POUR LE TRAITEMENT DE TROUBLES MOTEURS**

[72] UESAKA, NORIAKI, JP  
[72] SAWADA, TAKASHI, JP  
[72] KANDA, TOMOYUKI, JP  
[73] KYOWA HAKKO KIRIN CO., LTD., JP

[85] 2011-10-26  
[86] 2010-04-28 (PCT/JP2010/057563)  
[87] (WO2010/126082)  
[30] JP (2009-109434) 2009-04-28

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[11] **2,760,977**  
[13] C

[51] **Int.Cl. C07K 14/655 (2006.01) A61K 38/31 (2006.01) C07K 7/08 (2006.01) C07K 14/72 (2006.01)**

[25] EN

[54] **PEPTIDE LIGANDS OF SOMATOSTATIN RECEPTORS**

[54] **LIGANDS PEPTIDIQUES DES RECEPTEURS DE LA SOMATOSTATINE**

[72] PARENTE DUENA, ANTONIO, ES  
[72] PONSATI OBIOLS, BERTA, ES  
[72] FERNANDEZ CARNEADO, JIMENA, ES

[72] GOMEZ CAMINALS, MARC, ES  
[72] JORDANA I LLUCH, RIBERA, ES  
[73] BCN PEPTIDES, S.A., ES

[85] 2011-11-03  
[86] 2010-05-06 (PCT/EP2010/056152)  
[87] (WO2010/128098)  
[30] ES (P200901168) 2009-05-07

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**26 avril 2016**

[11] **2,762,059**  
[13] C

- [51] **Int.Cl. F41H 5/013 (2006.01) B60J 5/04 (2006.01) B62D 25/00 (2006.01) B62D 25/02 (2006.01) F41H 5/26 (2006.01) F41H 7/04 (2006.01)**
- [25] FR
- [54] **OFFSET BALLISTIC PROTECTION APPARATUS**
- [54] **DISPOSITIF DE PROTECTION BALISTIQUE DEPORTEE**
- [72] GONARD, ULRIC, FR
- [72] QUERRY, FRANCOIS-XAVIER, FR
- [73] NEXTER SYSTEMS, FR
- [86] (2762059)
- [87] (2762059)
- [22] 2011-12-13

[11] **2,763,210**  
[13] C

- [51] **Int.Cl. F25B 45/00 (2006.01) F25B 30/02 (2006.01)**
- [25] EN
- [54] **IMPROVED REFRIGERANT COMPENSATOR**
- [54] **COMPENSATEUR DE CHARGE DE REFRIGERANT AMELIORE**
- [72] JIN, DAE-HYUN, US
- [73] ADVANCED DISTRIBUTOR PRODUCTS LLC, US
- [86] (2763210)
- [87] (2763210)
- [22] 2012-01-04
- [30] US (12/984,247) 2011-01-04

[11] **2,764,031**  
[13] C

- [51] **Int.Cl. G01F 1/84 (2006.01)**
- [25] EN
- [54] **METHOD AND APPARATUS FOR COUPLING A CASE TO A VIBRATING FLOW METER**
- [54] **PROCEDE ET APPAREIL DE COUPLAGE D'UN BOITIER A UN DEBITMETRE VIBRANT**
- [72] VAN CLEVE, CRAIG BRAINERD, US
- [73] MICRO MOTION, INC., US
- [85] 2011-11-30
- [86] 2009-06-10 (PCT/US2009/046852)
- [87] (WO2010/144083)

[11] **2,766,142**  
[13] C

- [51] **Int.Cl. A01G 13/02 (2006.01) B65D 30/02 (2006.01) B65D 65/38 (2006.01)**
- [25] EN
- [54] **BAG CONSTRUCTED OF WEED SUPPRESSION MATERIAL FOR PACKAGING GROUND COVER MATERIAL**
- [54] **SAC CONSTRUIT A PARTIR D'UNE MATIERE DE SUPPRESSION DES MAUVAISES HERBES POUR EMBALLER UN MATERIAU DE COUVERTURE DU SOL**
- [72] HAWKINSON, ROBERT NEAL, US
- [72] HAWKINSON, JAMES EARL, US
- [73] R & J EAST, INC., US
- [85] 2011-12-20
- [86] 2010-06-22 (PCT/US2010/039436)
- [87] (WO2010/151521)
- [30] US (61/219,137) 2009-06-22
- [30] US (12/795,841) 2010-06-08

[11] **2,766,267**  
[13] C

- [51] **Int.Cl. H04W 36/08 (2009.01) H04W 8/26 (2009.01)**
- [25] EN
- [54] **METHOD AND APPARATUS FOR RANDOM ACCESS IN AN ORTHOGONAL MULTIPLE-ACCESS COMMUNICATION SYSTEM**
- [54] **PROCEDE ET APPAREIL POUR UN ACCES ALEATOIRE DANS UN SYSTEME DE COMMUNICATION PAR ACCES MULTIPLE ORTHOGONAL**
- [72] MALLADI, DURGA PRASAD, US
- [72] DAMNJANOVIC, ALEKSANDAR, US
- [72] MONTOJO, JUAN, US
- [73] QUALCOMM INCORPORATED, US
- [86] (2766267)
- [87] (2766267)
- [22] 2007-08-21
- [62] 2,659,462
- [30] US (60/839,220) 2006-08-21
- [30] US (60/828,058) 2006-10-03
- [30] US (60/863,610) 2006-10-31
- [30] US (11/841,609) 2007-08-20

[11] **2,766,486**  
[13] C

- [51] **Int.Cl. E02D 31/00 (2006.01) B09B 1/00 (2006.01) D02G 3/44 (2006.01)**
- [25] EN
- [54] **SENSOR-ENABLED GEOSYNTHETIC MATERIAL AND METHOD OF MAKING AND USING THE SAME**
- [54] **MATERIAU GEO-SYNTHETIQUE A FONCTION DE CAPTEUR ET PROCEDE DE FABRICATION ET D'UTILISATION DUDIT MATERIAU**
- [72] HATAMI, KIANOOSH, US
- [72] GRADY, BRIAN, US
- [73] THE BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA, US
- [85] 2011-12-22
- [86] 2009-01-21 (PCT/US2009/031490)
- [87] (WO2010/085243)
- [30] US (12/354,828) 2009-01-16

[11] **2,766,879**  
[13] C

- [51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/08 (2006.01)**
- [25] EN
- [54] **SYSTEMS AND METHODS FOR DETECTING EFFORT EVENTS**
- [54] **SYSTEMES ET PROCEDES POUR DETECTER DES EVENEMENTS D'EFFORT**
- [72] ADDISON, PAUL STANLEY, GB
- [72] WATSON, JAMES N., GB
- [72] CASSIDY, ANDREW, GB
- [73] NELLCOR PURITAN BENNETT IRELAND, IE
- [85] 2011-12-28
- [86] 2010-06-18 (PCT/GB2010/001194)
- [87] (WO2011/001134)
- [30] US (12/495,018) 2009-06-30

[11] **2,769,865**  
[13] C

- [51] **Int.Cl. F41A 17/44 (2006.01)**
- [25] EN
- [54] **INTERNAL ROTATABLE LOCK CYLINDER**
- [54] **BARILLET DE SERRURE ROTATIF INTERNE**
- [72] HEDEMARK, FLEMMING, DK
- [72] LENTZ, PEDER, DK
- [72] JUL LARSEN, PALLE, DK
- [73] DANISH SAFETY LOCK APS, DK
- [85] 2012-02-01
- [86] 2010-07-05 (PCT/EP2010/003989)
- [87] (WO2011/003546)
- [30] DK (PA200900849) 2009-07-10

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[11] **2,769,940**  
[13] C

[51] **Int.Cl. H01L 29/20 (2006.01) H01L 29/41 (2006.01) H01L 29/772 (2006.01)**

[25] EN

[54] **ISLAND MATRIXED GALLIUM NITRIDE MICROWAVE AND POWER SWITCHING TRANSISTORS**

[54] **HYPERFREQUENCE DE NITRURE DE GALLIUM MATRICEE EN ILOT ET TRANSISTORS DE COMMUTATION DE PUISSANCE**

[72] KLOWAK, GREG, CA

[72] MIZAN, AHMAD, CA

[72] PATTERSON, GIRVAN, CA

[72] ROBERTS, JOHN, CA

[73] GAN SYSTEMS INC., CA

[85] 2012-02-02

[86] 2010-08-04 (PCT/CA2010/001202)

[87] (WO2011/014951)

[30] US (61/231,139) 2009-08-04

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[11] **2,770,358**  
[13] C

[51] **Int.Cl. A47J 43/07 (2006.01) A23G 9/52 (2006.01) A23L 2/00 (2006.01) A47J 31/00 (2006.01) A47J 31/60 (2006.01) B67D 1/07 (2006.01)**

[25] EN

[54] **COMMERCIAL FROZEN FOOD PREPARATION APPARATUS**

[54] **APPAREIL DE PREPARATION D'ALIMENTS CONGELES DU COMMERCE**

[72] FARRELL, JAMES, US

[72] VOGES, JENS PETER, US

[72] SCHEIBLE, KATHLEEN ANN, US

[73] F'REAL FOODS, L.L.C., US

[85] 2012-02-07

[86] 2010-10-12 (PCT/US2010/052234)

[87] (WO2011/046890)

[30] US (61/252,606) 2009-10-16

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[11] **2,771,147**  
[13] C

[51] **Int.Cl. C12P 5/02 (2006.01) C02F 3/28 (2006.01) C10L 3/08 (2006.01)**

[25] EN

[54] **COMBINED LIQUID TO SOLID-PHASE ANAEROBIC DIGESTION FOR BIOGAS PRODUCTION FOR MUNICIPAL AND AGRICULTURAL WASTES**

[54] **CO-DIGESTION ANAEROBIE DE LIQUIDES-PHASES SOLIDES POUR LA PRODUCTION D'UN BIOGAZ A PARTIR DE DECHETS MUNICIPALUX ET AGRICOLES**

[72] LI, YEBO, US

[72] ZHU, JIYING, US

[72] WAN, CAIXIA, US

[73] THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION, US

[85] 2012-02-14

[86] 2010-08-13 (PCT/US2010/045447)

[87] (WO2011/020000)

[30] US (61/234,165) 2009-08-14

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[11] **2,771,184**  
[13] C

[51] **Int.Cl. F16H 1/28 (2006.01) F04B 9/02 (2006.01) F04B 17/03 (2006.01) F04B 53/16 (2006.01) F16H 57/04 (2010.01)**

[25] EN

[54] **HIGH-PRESSURE HOMOGENIZER WITH AN EPICYCLIC REDUCTION GEAR UNIT**

[54] **HOMOGENEISATEUR HAUTE-PRESSION A UNITE D'ENGRENAGE DE REDUCTION EPICYCLOIDAL**

[72] SALVARANI, LUCA, IT

[72] BENASSI, MASSIMILIANO, IT

[72] MADURERI, MICHELE, IT

[73] GEA MECHANICAL EQUIPMENT ITALIA S.P.A., IT

[85] 2012-02-14

[86] 2010-06-30 (PCT/IB2010/052984)

[87] (WO2011/030237)

[30] IT (PR2009A000066) 2009-09-10

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[11] **2,771,318**  
[13] C

[51] **Int.Cl. B60L 7/14 (2006.01) B60L 9/18 (2006.01)**

[25] EN

[54] **POWER CONVERTING APPARATUS FOR ELECTRIC MOTOR VEHICLE PROPULSION**

[54] **DISPOSITIF CONVERTISSEUR D'ENERGIE DE PROPULSION DE VEHICULE ELECTRIQUE**

[72] KITANAKA, HIDETOSHI, JP

[73] MITSUBISHI ELECTRIC CORPORATION, JP

[85] 2012-02-15

[86] 2010-07-01 (PCT/JP2010/061273)

[87] (WO2011/021443)

[30] JP (PCT/JP2009/064406) 2009-08-17

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[51] **Int.Cl. F02M 61/18 (2006.01) F02M 57/06 (2006.01) F02M 61/04 (2006.01) F02M 61/16 (2006.01)**

[25] EN

[54] **INTEGRATED FUEL INJECTORS AND IGNITERS AND ASSOCIATED METHODS OF USE AND MANUFACTURE**

[54] **ALLUMEURS ET INJECTEURS DE CARBURANT INTEGRES, ET PROCEDES ASSOCIES D'UTILISATION ET DE FABRICATION**

[72] MCALISTER, ROY E., US

[73] MCALISTER TECHNOLOGIES, LLC, US

[85] 2012-02-23

[86] 2010-07-21 (PCT/US2010/002076)

[87] (WO2011/028223)

[30] US (61/237,425) 2009-08-27

[30] US (61/237,466) 2009-08-27

[30] US (61/237,479) 2009-08-27

[30] US (12/581,825) 2009-10-19

[30] US (PCT/US2009/067044) 2009-12-07

[30] US (12/653,085) 2009-12-07

[30] US (61/304,403) 2010-02-13

[30] US (61/312,100) 2010-03-09

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[13] C

[51] **Int.Cl. G01R 29/26 (2006.01) G01R 25/00 (2006.01) G01R 29/02 (2006.01) G01R 29/08 (2006.01)**

[25] EN

[54] **MEASURING PHASE NOISE IN RADIO FREQUENCY, MICROWAVE OR MILLIMETER SIGNALS BASED ON PHOTONIC DELAY**

[54] **MESURE DU BRUIT DE PHASE DANS DES SIGNAUX RADIOFREQUENCES, HYPERFREQUENCES OU MILLIMETRIQUES UTILISANT LE RETARD PHOTONIQUE**

[72] ELIYAHU, DANNY, US  
[72] MALEKI, LUTE, US  
[72] SEIDEL, DAVID, US  
[73] OEWAVES, INC., US  
[85] 2012-03-01  
[86] 2010-09-23 (PCT/US2010/050083)  
[87] (WO2011/038166)  
[30] US (61/244,959) 2009-09-23  
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[13] C

[51] **Int.Cl. F02B 41/06 (2006.01) F02B 33/22 (2006.01)**

[25] EN

[54] **SPLIT-CYCLE ENGINE**

[54] **CYCLE DE MOTEUR DIVISE**

[72] GENTILI, ROBERTO, IT  
[72] ROSSI, RICCARDO, IT  
[72] MUSU, ETTORE, IT  
[73] GREEN ENGINE CONSULTING S.R.L., IT  
[85] 2012-03-07  
[86] 2010-09-23 (PCT/IB2010/002388)  
[87] (WO2011/045642)  
[30] IT (PI2009A000117) 2009-09-23

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[13] C

[51] **Int.Cl. A47B 31/02 (2006.01) A47B 77/16 (2006.01) A47F 10/06 (2006.01) A47G 23/04 (2006.01) A47J 39/00 (2006.01)**

[25] EN

[54] **PROGRAMMABLE DEVICE AND METHOD FOR STORING FOOD**

[54] **DISPOSITIF PROGRAMMABLE ET PROCEDE DE STOCKAGE D'ALIMENTS**

[72] KIRBY, DAVID W., US  
[72] TURCICH, TIMOTHY A., US  
[72] DORSTEN, RONALD J., US  
[72] BRIDGMAN, EDWARD P., US  
[72] RIVERA-PIEROLA, PETER, US  
[73] RESTAURANT TECHNOLOGY, INC., US  
[85] 2012-03-09  
[86] 2010-10-13 (PCT/US2010/002735)  
[87] (WO2011/046600)  
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[51] **Int.Cl. B24B 9/00 (2006.01) B08B 9/02 (2006.01) B23B 5/16 (2006.01) B24B 23/00 (2006.01) B24B 39/04 (2006.01)**

[25] EN

[54] **PREPARATION TOOLS FOR PIPE ENDS AND RELATED METHODS**

[54] **OUTILS DE PREPARATION POUR EXTREMITES DE TUYAUX ET PROCEDES ASSOCIES**

[72] BOWLES, RICHARD R., US  
[72] GRESS, PAUL W., US  
[72] MITCHELL, BRIAN A., US  
[72] BARACKSKAI, ROBERT M., US  
[72] WESTLEY, TODD A., US  
[73] EMERSON ELECTRIC CO., US  
[85] 2012-03-09  
[86] 2010-08-17 (PCT/US2010/045716)  
[87] (WO2011/022366)  
[30] US (61/234,781) 2009-08-18  
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[51] **Int.Cl. C08K 9/02 (2006.01) C01G 9/02 (2006.01) C09C 1/02 (2006.01) C09C 1/28 (2006.01) C09C 1/30 (2006.01) C09C 1/40 (2006.01) C09C 1/56 (2006.01)**

[25] FR

[54] **CROSSLINKING INITIATOR**

[54] **INITIATEUR DE RETICULATION**

[72] GUIDI, TAMIZIO, BE  
[72] ROUMACHE, OLIVIER, BE  
[72] BRASSEUR, JEAN-LOUIS JOSEPH, BE

[73] SOCIETE INDUSTRIELLE LIEGEOISE DES OXYDES SA, BE

[85] 2012-03-20  
[86] 2010-10-15 (PCT/EP2010/065499)  
[87] (WO2011/045408)  
[30] BE (BE2009/0629) 2009-10-15

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[13] C

[51] **Int.Cl. C12N 1/21 (2006.01) A61K 35/74 (2015.01) C12N 1/20 (2006.01) C12N 15/00 (2006.01) C12N 15/85 (2006.01) C12N 15/87 (2006.01)**

[25] EN

[54] **INTACT MINICELLS AS VECTORS FOR DNA TRANSFER AND GENE THERAPY IN VITRO AND IN VIVO**

[54] **MINI-CELLULES ENTIERES UTILISEES EN TANT QUE VECTEURS POUR LE TRANSFERT D'ADN ET LA THERAPIE GENIQUE IN VITRO ET IN VIVO**

[72] BRAHMBHATT, HIMANSHU, AU  
[72] MACDIARMID, JENNIFER, AU  
[73] ENGINEIC MOLECULAR DELIVERY PTY LTD., AU  
[86] (2775218)  
[87] (2775218)  
[22] 2002-10-15  
[62] 2,463,631  
[30] US (60/328,801) 2001-10-15

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[13] C

[51] **Int.Cl. C07C 209/34 (2006.01) C07C 211/10 (2006.01) C07C 211/11 (2006.01)**

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[54] **LOW-VOC POLYAMINES**

[54] **POLYAMINES PAUVRES EN VOC**

[72] SWEDO, RAYMOND JOHN, US

[73] ANGUS CHEMICAL COMPANY, US

[85] 2012-03-23

[86] 2010-10-08 (PCT/US2010/051995)

[87] (WO2011/044472)

[30] US (61/278,555) 2009-10-08

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[11] **2,776,330**  
[13] C

[51] **Int.Cl. H05K 5/00 (2006.01) H05K 7/14 (2006.01)**

[25] EN

[54] **ROBUST CONSUMER ELECTRONIC DEVICE**

[54] **DISPOSITIF ELECTRONIQUE ROBUSTE GRAND PUBLIC**

[72] SAUERS, MATTHEW CARLYLE, US

[73] F. HOFFMANN-LA ROCHE AG, CH

[85] 2012-04-02

[86] 2010-11-10 (PCT/EP2010/006844)

[87] (WO2011/057775)

[30] US (12/617,331) 2009-11-12

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[13] C

[51] **Int.Cl. B01F 17/52 (2006.01) C09K 8/584 (2006.01) C11D 1/88 (2006.01) E21B 43/22 (2006.01)**

[25] EN

[54] **TUNABLE POLYMERIC SURFACTANTS FOR MOBILIZING OIL INTO WATER**

[54] **TENSIOACTIFS POLYMERES MODIFIABLES DESTINES A MOBILISER DE L'HUILE A L'INTERIEUR DE L'EAU**

[72] SOANE, DAVID, US

[72] MAHONEY, ROBERT P., US

[72] PORTILLA, ROSA CASADO, US

[73] SOANE ENERGY, LLC, US

[85] 2012-04-13

[86] 2010-10-20 (PCT/US2010/053413)

[87] (WO2011/050088)

[30] US (61/253,340) 2009-10-20

[30] US (61/253,451) 2009-10-20

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[13] C

[51] **Int.Cl. G01V 3/165 (2006.01) B64C 39/02 (2006.01) B64D 3/00 (2006.01)**

[25] EN

[54] **TOW ASSEMBLY FOR FIXED WING AIRCRAFT FOR GEOPHYSICAL SURVEYING**

[54] **ENSEMBLE DE REMORQUAGE POUR AERONEFS A VOILURE FIXE POUR LEVE GEOPHYSIQUE**

[72] MORRISON, EDWARD BEVERLY, CA

[72] TOWNSEND, ELTON, CA

[73] GEOTECH AIRBORNE LIMITED, BB

[85] 2012-04-17

[86] 2010-10-21 (PCT/CA2010/001655)

[87] (WO2011/047472)

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[13] C

[51] **Int.Cl. H05B 37/02 (2006.01) A61B 1/06 (2006.01) G01B 11/00 (2006.01) G02B 27/02 (2006.01) G05D 25/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR PROTECTION FROM HIGH INTENSITY LIGHT**

[54] **METHODE ET APPAREIL POUR LA PROTECTION CONTRE LES SOURCES DE LUMIERE A HAUTE INTENSITE**

[72] OVOD, VLADIMIR I., US

[73] KARL STORZ IMAGING, INC., US

[86] (2777974)

[87] (2777974)

[22] 2012-05-23

[30] US (13/181,350) 2011-07-12

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[11] **2,778,088**  
[13] C

[51] **Int.Cl. H04L 12/58 (2006.01) H04W 4/14 (2009.01) H04W 88/02 (2009.01)**

[25] EN

[54] **METHODS AND APPARATUS FOR PROVIDING PRESENTATIONS FOR THE COMPOSITION OF MESSAGES HAVING SIZE LIMITATIONS**

[54] **PROCEDE ET APPAREIL POUR PRESENTATIONS SUR LA COMPOSITION DE MESSAGES DE TAILLE LIMITEE**

[72] VYMENETS, LEONID, CA

[72] RIDDLE, FRANCIS THOMAS, CA

[72] CHEN, HENRY YAO-TSU, US

[73] BLACKBERRY LIMITED, CA

[86] (2778088)

[87] (2778088)

[22] 2012-05-24

[30] US (13/149,238) 2011-05-31

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[11] **2,778,960**  
[13] C

[51] **Int.Cl. H01S 3/091 (2006.01) H01S 3/04 (2006.01)**

[25] EN

[54] **HIGH POWER RADIATION SOURCE WITH ACTIVE-MEDIA HOUSING**

[54] **SOURCE DE RAYONNEMENT DE HAUTE PUISSANCE AVEC BOITIER A MEDIA ACTIFS**

[72] BOUTOUSSOV, DMITRI, US

[72] NETCHITAILO, VLADIMIR S., US

[73] BIOLASE, INC., US

[85] 2012-04-25

[86] 2010-10-26 (PCT/US2010/054161)

[87] (WO2011/053604)

[30] US (61/255,031) 2009-10-26

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[30] US (61/383,227) 2010-09-15

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[13] C

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[25] EN  
[54] **HAND BRAKE TORQUE INPUT COUPLER AND INDICATOR**  
[54] **COUPLEUR ET INDICATEUR DE DONNEES D'ENTREE RELATIVES AU COUPLE D'UN FREIN A MAIN**  
[72] DILUIGI, MICHAEL, US  
[73] DILUIGI AND ASSOCIATES, LLC, US  
[85] 2012-04-27  
[86] 2010-10-27 (PCT/US2010/054355)  
[87] (WO2011/056683)  
[30] US (12/589,731) 2009-10-27

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[11] **2,779,939**  
[13] C

[51] **Int.Cl. H04W 8/14 (2009.01)**  
[25] EN  
[54] **METHODS AND APPARATUS TO AVOID TRANSMISSION OF REDUNDANT NEIGHBOR CELL INFORMATION TO MOBILE STATIONS**  
[54] **PROCEDES ET APPAREILS PERMETTANT D'EVITER LA TRANSMISSION D'INFORMATIONS DE CELLULES VOISINES REDONDANTES A DES STATIONS MOBILES**  
[72] ARORA, DINESH KUMAR, CA  
[72] SNOW, CHRISTOPHER HARRIS, CA  
[72] ABDEL-SAMAD, AYMAN AHMED, CA  
[72] ALMALKI, NAZIH, CA  
[72] HOLE, DAVID PHILIP, GB  
[73] BLACKBERRY LIMITED, CA  
[85] 2012-05-03  
[86] 2010-10-15 (PCT/IB2010/002642)  
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[30] US (12/612,526) 2009-11-04

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[13] C

[51] **Int.Cl. H04W 72/12 (2009.01)**  
[25] EN  
[54] **AN IMPROVED METHOD AND APPARATUS FOR CO-SCHEDULING TRANSMISSIONS IN A WIRELESS NETWORK**  
[54] **AMELIORATIONS APORTEES A UN PROCEDE ET A UN APPAREIL SERVANT A LA CO-PLANIFICATION DES EMISSIONS DANS UN RESEAU RADIO**  
[72] BEVAN, DAVID, GB  
[72] GALE, SIMON, GB  
[72] ROBSON, JULIUS, FR  
[72] DEANE, PETER M., CA  
[73] APPLE INC., US  
[85] 2012-05-09  
[86] 2010-10-28 (PCT/GB2010/051807)  
[87] (WO2011/055137)  
[30] US (12/614,522) 2009-11-09

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[13] C

[51] **Int.Cl. H04W 36/02 (2009.01) H04W 36/00 (2009.01)**  
[25] EN  
[54] **OPTIMIZED RESOURCE ALLOCATION FOR WIRELESS DEVICE IN PACKET TRANSFER MODE**  
[54] **AFFECTATION DE RESSOURCES OPTIMISEE POUR UN DISPOSITIF SANS FIL EN MODE DE TRANSFERT DE PAQUET**  
[72] HOLE, DAVID PHILIP, GB  
[72] ARORA, DINESH KUMAR, CA  
[73] BLACKBERRY LIMITED, CA  
[85] 2012-05-16  
[86] 2010-11-12 (PCT/IB2010/002896)  
[87] (WO2011/061588)  
[30] US (12/621,401) 2009-11-18

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[51] **Int.Cl. H04R 25/00 (2006.01)**  
[25] EN  
[54] **IMPLANTABLE MICROPHONE FOR HEARING SYSTEMS**  
[54] **MICROPHONE IMPLANTABLE POUR SYSTEMES AUDITIFS**  
[72] HELLMUTH, ALEXANDER, AT  
[72] ZAHNERT, THOMAS, DE  
[72] HOFMANN, GERT, DE  
[72] BORNITZ, MATTHIAS, DE  
[72] SEIDLER, HANNES, DE  
[72] HUETTENBRINK, KARL-BERND, DE  
[73] MED-EL ELEKTROMEDIZINISCHE GERAETE GMBH, AT  
[85] 2012-05-22  
[86] 2010-11-23 (PCT/US2010/057825)  
[87] (WO2011/066295)  
[30] US (61/264,139) 2009-11-24

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[11] **2,782,346**  
[13] C

[51] **Int.Cl. G01N 27/447 (2006.01)**  
[25] EN  
[54] **INSTRUMENT FOR INDEPENDENT ELECTROTRANSFER IN MULTIPLE CASSETTES**  
[54] **INSTRUMENT D'ELECTROTRANSFERT INDEPENDANT DANS DES CASSETTES MULTIPLES**  
[72] LATHAM, MATTHEW, US  
[72] STRONG, WILLIAM, US  
[72] CHMIEL, NIKOLAS, US  
[72] XU, JEFF, US  
[72] IOVANNI, ROBERT, US  
[73] BIO-RAD LABORATORIES, INC., US  
[85] 2012-05-29  
[86] 2010-12-09 (PCT/US2010/059756)  
[87] (WO2011/072158)  
[30] US (61/285,661) 2009-12-11  
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[13] C

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[25] EN  
[54] **ELEMENTARY BITSTREAM CRYPTOGRAPHIC MATERIAL TRANSPORT SYSTEMS AND METHODS**  
[54] **SYSTEMES ET PROCEDES DE TRANSPORT DE MATERIEL CRYPTOGRAPHIQUE DE TRAIN DE BITS ELEMENTAIRE**  
[72] CHAN, FRANCIS, YEE-DUG, US  
[72] SOROUSHIAN, KOUROSH, US  
[72] WOOD, ANDREW JEFFREY, US  
[73] SONIC IP, INC., US  
[85] 2012-06-04  
[86] 2010-11-15 (PCT/US2010/056733)  
[87] (WO2011/068668)  
[30] US (61/266,982) 2009-12-04

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[13] C

[51] **Int.Cl. H05B 6/10 (2006.01) C21D 1/42 (2006.01) H05B 6/06 (2006.01)**  
[25] EN  
[54] **CONTROL UNIT OF INDUCTION HEATING UNIT, INDUCTION HEATING SYSTEM, AND METHOD OF CONTROLLING INDUCTION HEATING UNIT**  
[54] **UNITE DE COMMANDE DE CHAUFFAGE PAR INDUCTION, SYSTEME DE CHAUFFAGE PAR INDUCTION, ET METHODE DE COMMANDE D'UN SYSTEME DE CHAUFFAGE PAR INDUCTION**  
[72] FUKUTANI, KAZUHIKO, JP  
[72] MAYUMI, YASUHIRO, JP  
[72] TAKECHI, TOSHIYA, JP  
[72] UMETSU, KENJI, JP  
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP  
[85] 2012-06-06  
[86] 2010-11-22 (PCT/JP2010/070800)  
[87] (WO2011/074383)  
[30] JP (2009-283255) 2009-12-14

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[11] **2,783,534**  
[13] C

[51] **Int.Cl. G01L 27/00 (2006.01) A61F 9/007 (2006.01)**  
[25] EN  
[54] **CALIBRATION UTILITY FOR NON-LINEAR MEASUREMENT SYSTEM**  
[54] **INSTALLATION D'ETALONNAGE POUR SYSTEME DE MESURE NON LINEAIRE**  
[72] HAJISHAH, ABRAHAM, US  
[72] KING, DAVID, US  
[72] CLAUS, MICHAEL J., US  
[73] ABBOTT MEDICAL OPTICS INC., US  
[85] 2012-06-07  
[86] 2010-12-08 (PCT/US2010/059381)  
[87] (WO2011/071976)  
[30] US (12/632,938) 2009-12-08

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[11] **2,785,082**  
[13] C

[51] **Int.Cl. F16L 15/08 (2006.01) E21B 17/08 (2006.01) F16L 15/00 (2006.01)**  
[25] EN  
[54] **SET FOR OBTAINING A THREADED CONNECTION, METHOD FOR MAKING UP AND BREAKING OUT SAID CONNECTION, AND USE OF SAID CONNECTION IN A RISER**  
[54] **ENSEMBLE POUR OBTENIR UN RACCORDEMENT A FILETAGE, PROCEDE DE MONTAGE ET DE DEMONTAGE DUDIT RACCORDEMENT ET UTILISATION DUDIT RACCORDEMENT DANS UNE COLONNE MONTANTE**  
[72] COEFFE, GUILLAUME, FR  
[73] SUMITOMO METAL INDUSTRIES, LTD., JP  
[73] VALLOUREC OIL AND GAS FRANCE, FR  
[85] 2012-06-20  
[86] 2010-12-10 (PCT/EP2010/007555)  
[87] (WO2011/076349)  
[30] FR (09/06319) 2009-12-23

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[11] **2,785,131**  
[13] C

[51] **Int.Cl. G11B 20/10 (2006.01) G11B 7/004 (2006.01) G11B 7/007 (2006.01) G11B 20/18 (2006.01)**  
[25] EN  
[54] **INFORMATION RECORDING METHOD AND APPARATUS, AND INFORMATION RECORDING MEDIUM**  
[54] **PROCEDES ET DISPOSITIFS D'ENREGISTREMENT D'INFORMATION ET SUPPORT D'ENREGISTREMENT D'INFORMATION**  
[72] NAKAMURA, MASANOBU, JP  
[72] KATO, MOTOKI, JP  
[72] VAN GESTEL, WILHELMUS JACOBUS, NL  
[72] MURASE, KAORU, JP  
[72] GOTOH, YOSHIHO, JP  
[72] SASAKI, MIYUKI, JP  
[73] SONY CORPORATION, JP  
[73] KONINKLIJKE PHILIPS ELECTRONIC N.V., NL  
[73] PANASONIC CORPORATION, JP  
[86] (2785131)  
[87] (2785131)  
[22] 2002-11-29  
[62] 2,438,503  
[30] JP (2001-365631) 2001-11-30

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[11] **2,785,657**  
[13] C

[51] **Int.Cl. G01V 1/155 (2006.01)**  
[25] EN  
[54] **MARINE SEISMIC SOURCE**  
[54] **SOURCE SISMIQUE MARINE**  
[72] HARPER, MARK, US  
[72] DELLINGER, JOSEPH A., US  
[72] THOMPSON, MARTIN, US  
[72] OPENSHAW, GRAHAM, US  
[73] BP EXPLORATION OPERATING COMPANY LIMITED, GB  
[85] 2012-06-26  
[86] 2010-12-29 (PCT/US2010/062329)  
[87] (WO2011/090743)  
[30] US (61/290,611) 2009-12-29

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[13] C

[51] **Int.Cl. A61K 9/107 (2006.01) A61K 9/19 (2006.01) A61K 47/24 (2006.01) A61K 47/34 (2006.01)**

[25] EN

[54] **PARTICULATE PHARMACEUTICAL COMPOSITION**

[54] **COMPOSITION MEDICINALE PARTICULAIRE**

[72] ISHII, ATSUSHI, JP  
[72] KATO, YASUKI, JP  
[73] NANOCARRIER CO., LTD., JP  
[85] 2012-06-27  
[86] 2011-02-14 (PCT/JP2011/053052)  
[87] (WO2011/099601)  
[30] JP (2010-029486) 2010-02-12

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[11] **2,786,088**  
[13] C

[51] **Int.Cl. B23D 51/08 (2006.01)**

[25] EN

[54] **SAW BLADE CLAMPING DEVICE AND THE OPERATION METHOD THEREOF**

[54] **DISPOSITIF DE PINCE DE LAME DE SCIE ET SON MODE DE FONCTIONNEMENT**

[72] ZHOU, HONGTAO, CN  
[73] CHERVON (HK) LIMITED, HK  
[86] (2786088)  
[87] (2786088)  
[22] 2012-08-15  
[30] CN (201110316300.7) 2011-10-18  
[30] CN (201110316298.3) 2011-10-18  
[30] US (13/572,836) 2012-08-13

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[11] **2,787,957**  
[13] C

[51] **Int.Cl. B60G 21/02 (2006.01) B60G 7/00 (2006.01)**

[25] EN

[54] **A VEHICLE WITH A FOUR BAR LINK SUSPENSION SYSTEM PROVIDED WITH IMPROVED ROLL CHARACTERISTICS**

[54] **VEHICULE EQUIPE D'UN SYSTEME DE SUSPENSION A QUATRE BRAS AYANT DES CARACTERISTIQUES DE ROULIS AMELIOREES**

[72] KISELIS, GREGORY PAUL, US  
[72] BROWN, MICHAEL ALWYN, US  
[73] VOLVO GROUP NORTH AMERICA, LLC, US  
[85] 2012-07-24  
[86] 2010-02-12 (PCT/US2010/024093)  
[87] (WO2011/099981)

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[11] **2,788,747**  
[13] C

[51] **Int.Cl. H04W 88/02 (2009.01) H03H 11/30 (2006.01)**

[25] EN

[54] **MOBILE WIRELESS COMMUNICATIONS DEVICE INCLUDING ACOUSTIC COUPLING BASED IMPEDANCE ADJUSTMENT AND RELATED METHODS**

[54] **APPAREIL DE COMMUNICATION SANS FIL MOBILE DOTE D'UN REGLAGE D'IMPEDANCE A COUPLAGE ACOUSTIQUE ET METHODES CONNEXES**

[72] MANKARUSE, GEORGE SOLIMAN, CA  
[72] SHAKER, GEORGE, CA  
[72] SIMMONS, SEAN BARTHOLOMEW, CA  
[72] JARMUSZEWSKI, PERRY, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2788747)  
[87] (2788747)  
[22] 2012-09-05  
[30] EP (11180794.7) 2011-09-09

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[11] **2,789,297**  
[13] C

[51] **Int.Cl. G10L 19/00 (2013.01)**

[25] EN

[54] **ENCODER FOR AUDIO SIGNAL INCLUDING GENERIC AUDIO AND SPEECH FRAMES**

[54] **CODEUR DE SIGNAL AUDIO COMPRENANT DES TRAMES GENERIQUES AUDIO ET VOCALES**

[72] MITTAL, UDAR, IN  
[72] GIBBS, JONATHAN A., GB  
[72] ASHLEY, JAMES P., US  
[73] MOTOROLA MOBILITY LLC, US  
[85] 2012-08-07  
[86] 2011-03-01 (PCT/US2011/026640)  
[87] (WO2011/109361)  
[30] IN (217/KOL/2010) 2010-03-05

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[11] **2,789,399**  
[13] C

[51] **Int.Cl. B01D 53/58 (2006.01) B01D 53/02 (2006.01) C07C 273/04 (2006.01)**

[25] EN

[54] **REMOVAL OF AMMONIA IN UREA FINISHING**

[54] **EXTRACTION DE L'AMMONIAC AU STADE FINAL DE LA PRODUCTION D'UREE**

[72] ELIASSON, JOHANNA, SE  
[72] ERIKSSON, YLVA, SE  
[72] HULTEBERG, P. CHRISTIAN, SE  
[72] KARLSSON, HANS T., SE  
[72] OJALA, FRIDA, SE  
[72] VAN DEN TILLAART, JOHAN ALBERT ARNO, NL  
[72] HOLMSTROM, DAVID, SE  
[72] NILSSON, FILIP, SE  
[73] STAMICARBON B.V., NL  
[85] 2012-08-09  
[86] 2010-02-12 (PCT/NL2010/050069)  
[87] (WO2011/099844)

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[11] **2,789,647**  
[13] C

[51] **Int.Cl. D01F 1/02 (2006.01) C07K 14/425 (2006.01) C07K 14/435 (2006.01) D01F 4/00 (2006.01) D01F 6/68 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCTION OF POLYMER CONTAINING FIBRES**

[54] **PROCEDE DE FABRICATION DE FIBRES CONTENANT UN POLYMERE**

[72] BAUSCH, ANDREAS, DE  
[72] RAMMENSEE, SEBASTIAN, DE  
[73] AMSILK GMBH, DE  
[85] 2012-08-13  
[86] 2011-03-16 (PCT/EP2011/001307)  
[87] (WO2011/113592)  
[30] EP (PCT/EP2010/001694) 2010-03-17

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[11] **2,790,691**  
[13] C

[51] **Int.Cl. C22B 3/06 (2006.01) C22B 3/20 (2006.01) C22B 3/46 (2006.01) C22B 23/00 (2006.01)**

[25] EN

[54] **METHOD FOR ENHANCING SOLID-LIQUID SEPARATION IN CONJUNCTION WITH LATERITE LEACHING**

[54] **PROCEDE D'AMELIORATION DE LA SEPARATION SOLIDE-LIQUIDE ASSOCIEE A LA LIXIVIATION DE LA LATERITE**

[72] RIIHIMAEKI, TEPPU, FI

[72] LEPPINEN, JAAKKO, FI

[72] RUONALA, MIKKO, FI

[72] HAAVANLAMMI, LIISA, FI

[73] OUTOTEC OYJ, FI

[85] 2012-08-21

[86] 2011-02-21 (PCT/FI2011/050157)

[87] (WO2011/104436)

[30] FI (20100089) 2010-02-25

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[11] **2,790,981**  
[13] C

[51] **Int.Cl. G06F 21/16 (2013.01) H04N 21/8358 (2011.01) G10L 19/018 (2013.01) H04L 9/32 (2006.01)**

[25] EN

[54] **WATERMARK GENERATOR, WATERMARK DECODER, METHOD FOR PROVIDING A WATERMARK SIGNAL, METHOD FOR PROVIDING BINARY MESSAGE DATA IN DEPENDENCE ON A WATERMARKED SIGNAL AND A COMPUTER PROGRAM USING IMPROVED SYNCHRONIZATION CONCEPT**

[54] **GENERATEUR DE FILIGRANE, DECODEUR DE FILIGRANE, PROCEDE DE FOURNITURE D'UN SIGNAL DE FILIGRANE, PROCEDE DE FOURNITURE DE DONNEES DE MESSAGE BINAIRES EN FONCTION D'UN SIGNAL CONTENANT UN FILIGRANE ET PROGRAMME D'ORDINATEUR UTILISANT UN CONCEPT DE SYNCHRONISATION AMELIORE**

[72] WABNIK, STEFAN, DE

[72] ZITZMANN, REINHARD, DE

[72] BLIEM, TOBIAS, DE

[72] GREEVENBOSCH, BERT, NL

[72] GRILL, BERNHARD, DE

[72] EBERLEIN, ERNST, DE

[72] DEL GALDO, GIOVANNI, DE

[72] BREILING, MARCO, DE

[72] KRAEGELOH, STEFAN, DE

[72] BORSUM, JULIANE, DE

[72] PICKEL, JOERG, DE

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

[85] 2012-08-23

[86] 2011-02-25 (PCT/EP2011/052852)

[87] (WO2011/104365)

[30] EP (10154953.3) 2010-02-26

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[13] C

[51] **Int.Cl. G01S 13/02 (2006.01) A61B 8/00 (2006.01) G01S 13/89 (2006.01) G01V 1/02 (2006.01) G01V 1/30 (2006.01) G01V 9/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR USING ORTHOGONALLY-CODED ACTIVE SOURCE SIGNALS FOR REFLECTED SIGNAL ANALYSIS**

[54] **SYSTEME ET PROCEDE D'UTILISATION DE SIGNAUX DE SOURCE ACTIVE CODES ORTHOGONALEMENT POUR L'ANALYSE DE SIGNAUX REFLECHIS**

[72] LESKIW, CHRIS, CA

[72] GATES, IAN, CA

[73] UTI LIMITED PARTNERSHIP, CA

[85] 2012-08-28

[86] 2011-03-01 (PCT/IB2011/000554)

[87] (WO2011/107879)

[30] US (61/309,327) 2010-03-01

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[11] **2,791,764**  
[13] C

[51] **Int.Cl. B62K 19/00 (2006.01)**

[25] EN

[54] **HOLLOW WELDED ASSEMBLED FRAME STRUCTURE**

[54] **STRUCTURE DE CADRE ASSEMBLEE SOUDEE CREUSE**

[72] KEISUKE, KISHIKAWA, JP

[72] HAGIMOTO, MASASHI, JP

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

[86] (2791764)

[87] (2791764)

[22] 2012-10-05

[30] JP (2011-278656) 2011-12-20

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[11] **2,792,011**  
[13] C

[51] **Int.Cl. G10L 19/02 (2013.01)**

[25] EN

[54] **PROCESSING OF AUDIO SIGNALS DURING HIGH FREQUENCY RECONSTRUCTION**

[54] **TRAITEMENT DE SIGNAUX AUDIO PENDANT LA RECONSTRUCTION A HAUTE FREQUENCE**

[72] KJOERLING, KRISTOFER, SE

[73] DOLBY INTERNATIONAL AB, NL

[85] 2012-09-04

[86] 2011-07-14 (PCT/EP2011/062068)

[87] (WO2012/010494)

[30] US (61/365,518) 2010-07-19

[30] US (61/386,725) 2010-09-27

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[11] **2,792,147**  
[13] C

- [51] **Int.Cl. H04W 4/12 (2009.01) H04W 8/18 (2009.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR PROVIDING CONTACTS THROUGH INTERWORKING BETWEEN MESSAGING SERVICE AND SOCIAL NETWORK SERVICE**  
[54] **APPAREIL ET PROCÉDE DE FOURNITURE DE CONTACTS PAR UN INTERFONCTIONNEMENT ENTRE UN SERVICE DE MESSAGERIE ET UN SERVICE DE RESEAU SOCIAL**  
[72] LEE, KYUNG-TAK, KR  
[72] OH, GYU-BONG, KR  
[72] KIM, WUK, KR  
[72] LEE, SEUNG-YONG, KR  
[73] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2012-09-04  
[86] 2011-03-02 (PCT/KR2011/001436)  
[87] (WO2011/108844)  
[30] KR (10-2010-0018734) 2010-03-02

[11] **2,792,368**  
[13] C

- [51] **Int.Cl. G10L 19/022 (2013.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR HANDLING TRANSIENT SOUND EVENTS IN AUDIO SIGNALS WHEN CHANGING THE REPLAY SPEED OR PITCH**  
[54] **APPAREIL ET PROCÉDE DE GESTION D'ÉVÉNEMENTS SONORES TRANSITOIRES DANS DES SIGNAUX AUDIO LORS DU CHANGEMENT DE LA VITESSE DE RELECTURE OU DE LA HAUTEUR**  
[72] DISCH, SASCHA, DE  
[72] NAGEL, FREDERIK, DE  
[72] WILDE, STEPHAN, DE  
[73] FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2012-09-06  
[86] 2011-03-04 (PCT/EP2011/053303)  
[87] (WO2011/110496)  
[30] US (61/312,131) 2010-03-09

[11] **2,792,734**  
[13] C

- [51] **Int.Cl. H04W 56/00 (2009.01) H04W 74/00 (2009.01)**  
[25] EN  
[54] **COMMUNICATION STATION AND METHOD FOR TRANSMITTING ON A RANDOM ACCESS CHANNEL**  
[54] **STATION DE COMMUNICATION ET PROCÉDE DE TRANSMISSION SUR UN CANAL D'ACCÈS ALÉATOIRE**  
[72] HOLE, DAVID PHILIP, GB  
[72] FAURIE, RENE, FR  
[72] VENKOB, SATISH, CA  
[72] HANOV, STEVEN MICHAEL, CA  
[72] BORSELLA, REMO, CA  
[72] KREUZER, WERNER KARL, DE  
[73] BLACKBERRY LIMITED, CA  
[85] 2012-09-11  
[86] 2011-03-10 (PCT/IB2011/051003)  
[87] (WO2011/111012)  
[30] EP (10290128.7) 2010-03-12

[11] **2,793,453**  
[13] C

- [51] **Int.Cl. G07C 9/00 (2006.01)**  
[25] EN  
[54] **ACCESS CONTROL DEVICE**  
[54] **DISPOSITIF DE CONTRÔLE D'ACCÈS**  
[72] FRUEH, BERNHARD, DE  
[73] KABA GALLEN SCHUETZ GMBH, DE  
[85] 2012-09-17  
[86] 2011-03-22 (PCT/DE2011/075045)  
[87] (WO2011/116764)  
[30] DE (10 2010 016 098.9) 2010-03-23

[11] **2,793,610**  
[13] C

- [51] **Int.Cl. F25J 3/06 (2006.01) F25J 3/08 (2006.01) B01D 53/62 (2006.01)**  
[25] EN  
[54] **PURIFICATION OF CARBON DIOXIDE**  
[54] **PURIFICATION DU DIOXYDE DE CARBONE**  
[72] HIGGINBOTHAM, PAUL, GB  
[73] AIR PRODUCTS AND CHEMICALS, INC., US  
[86] (2793610)  
[87] (2793610)  
[22] 2012-10-26  
[30] US (13/289,363) 2011-11-04

[11] **2,794,004**  
[13] C

- [51] **Int.Cl. C07D 235/04 (2006.01) A61K 31/4184 (2006.01) A61K 31/4353 (2006.01) A61P 25/00 (2006.01) C07D 401/02 (2006.01)**  
[25] EN  
[54] **IMAGING AGENTS FOR DETECTING NEUROLOGICAL DISORDERS**  
[54] **AGENTS D'IMAGERIE POUR DÉTECTER DES TROUBLES NEUROLOGIQUES**  
[72] CASHION, DANIEL KURT, US  
[72] CHEN, GANG, US  
[72] KASI, DHANALAKSHMI, US  
[72] KOLB, HARTMUTH C., US  
[72] LIU, CHANGHUI, US  
[72] SINHA, ANJANA, US  
[72] SZARDENINGS, ANNA KATRIN, US  
[72] WANG, ERIC, US  
[72] YU, CHUL, US  
[72] ZHANG, WEI, US  
[72] GANGADHARMATH, UMESH B., US  
[72] WALSH, JOSEPH C., US  
[73] ELI LILLY & COMPANY, US  
[85] 2012-09-21  
[86] 2011-03-22 (PCT/US2011/029368)  
[87] (WO2011/119565)  
[30] US (12/661,777) 2010-03-23  
[30] US (13/035,405) 2011-02-25

[11] **2,794,168**  
[13] C

- [51] **Int.Cl. A47F 7/00 (2006.01) A47G 1/14 (2006.01) F16M 13/02 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHODS FOR SECURING PRODUCTS**  
[54] **APPAREILS ET MÉTHODES DE FIXATION DE PRODUITS**  
[72] PETRUSKAVICH, JOHN MICHAEL, CA  
[73] HALO METRICS INC., CA  
[86] (2794168)  
[87] (2794168)  
[22] 2012-10-30  
[30] US (61/576,932) 2011-12-16

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[11] **2,794,299**  
[13] C

[51] **Int.Cl. H04L 1/00 (2006.01) H04W 24/10 (2009.01)**  
[25] EN  
[54] **A PERIODIC CQI REPORTING IN A WIRELESS COMMUNICATION NETWORK**  
[54] **RAPPORT DE CQI APERIODIQUE DANS RESEAU DE COMMUNICATION SANS FIL**  
[72] BARBIERI, ALAN, US  
[72] JI, TINGFANG, US  
[72] XU, HAO, US  
[73] QUALCOMM INCORPORATED, US  
[85] 2012-09-24  
[86] 2011-04-13 (PCT/US2011/032308)  
[87] (WO2011/130401)  
[30] US (61/323,824) 2010-04-13  
[30] US (13/085,371) 2011-04-12

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[11] **2,794,953**  
[13] C

[51] **Int.Cl. G06N 99/00 (2010.01) B82Y 10/00 (2011.01) H03K 19/195 (2006.01)**  
[25] EN  
[54] **QUANTUM GATE OPERATIONS WITH A COMMON COUPLED RESONATOR**  
[54] **OPERATIONS DE PORTE QUANTIQUE AVEC UN RESONATEUR COUPLE COMMUN**  
[72] BAUMGARDNER, JAMES E., US  
[72] PESETSKI, AARON A., US  
[73] NORTHROP GRUMMAN SYSTEMS CORPORATION, US  
[85] 2012-09-28  
[86] 2011-03-15 (PCT/US2011/028470)  
[87] (WO2011/123240)  
[30] US (12/748,923) 2010-03-29

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[11] **2,795,333**  
[13] C

[51] **Int.Cl. H04L 1/00 (2006.01) H04W 72/08 (2009.01)**  
[25] EN  
[54] **EVOLVED NODE B CHANNEL QUALITY INDICATOR (CQI) PROCESSING FOR HETEROGENEOUS NETWORKS**  
[54] **TRAITEMENT D'INDICATEUR DE QUALITE DE CANAL (CQI) DE NOEUD B EVOLUE POUR DES RESEAUX HETEROGENES**  
[72] VAJAPAYAM, MADHAVAN SRINIVASAN, US  
[72] AGASHE, PARAG ARUN, US  
[72] JI, TINGFANG, US  
[72] DAMNJANOVIC, ALEKSANDAR, US  
[73] QUALCOMM INCORPORATED, US  
[85] 2012-10-02  
[86] 2011-04-13 (PCT/US2011/032376)  
[87] (WO2011/130453)  
[30] US (61/323,813) 2010-04-13  
[30] US (13/085,261) 2011-04-12

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[11] **2,796,418**  
[13] C

[51] **Int.Cl. H04W 12/08 (2009.01) H04W 4/12 (2009.01) H04W 12/04 (2009.01)**  
[25] EN  
[54] **MOBILE WIRELESS COMMUNICATIONS DEVICE HAVING VALIDATION FEATURE AND RELATED METHODS**  
[54] **DISPOSITIF MOBILE DE COMMUNICATIONS SANS FIL COMPORTANT UNE FONCTION DE VALIDATION ET PROCEDES APPARENTES**  
[72] DUMAIS, PAUL MARK JOSEPH, CA  
[72] CANTON, RAYMOND, CA  
[72] HORNE, KIMBERLY, CA  
[73] BLACKBERRY LIMITED, CA  
[85] 2012-10-15  
[86] 2011-01-07 (PCT/CA2011/000010)  
[87] (WO2011/127555)  
[30] US (61/324,686) 2010-04-15

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[11] **2,796,568**  
[13] C

[51] **Int.Cl. B01D 46/06 (2006.01)**  
[25] EN  
[54] **HOLDING FRAME**  
[54] **CADRE DE RETENUE**  
[72] GORMAN, JOSEPH J., US  
[73] CAMFIL USA, INC., US  
[86] (2796568)  
[87] (2796568)  
[22] 2012-11-21  
[30] US (13/302,444) 2011-11-22

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[11] **2,796,618**  
[13] C

[51] **Int.Cl. G02B 6/42 (2006.01) G02B 17/00 (2006.01) G02F 1/13357 (2006.01) H01H 13/83 (2006.01)**  
[25] EN  
[54] **LIGHT GUIDE APPARATUS**  
[54] **APPAREIL DE GUIDE DE LUMIERE**  
[72] LEE, HSIN CHIN, CA  
[72] FLETCHER, BERGEN ALBERT, CA  
[72] BROGA, ANTANAS MATTHEW, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2796618)  
[87] (2796618)  
[22] 2012-11-22  
[30] EP (11190885.1) 2011-11-28

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[11] **2,797,841**  
[13] C

[51] **Int.Cl. A61L 29/16 (2006.01) A61L 31/16 (2006.01)**  
[25] EN  
[54] **IMPROVED FORMULATIONS FOR DRUG-COATED BALLOON CATHETER**  
[54] **FORMULATIONS AMELIOREES POUR CATHETER A BALLONNET REVETU DE MEDICAMENT**  
[72] SPECK, ULRICH, DE  
[72] BERG, MADELEINE CAROLINE, DE  
[73] INNORA GMBH, DE  
[85] 2012-10-18  
[86] 2010-11-03 (PCT/EP2010/066751)  
[87] (WO2011/131258)  
[30] EP (10160349.6) 2010-04-19

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[11] **2,798,236**  
[13] C

- [51] **Int.Cl. B23D 25/00 (2006.01)**  
[25] EN  
[54] **CUTTING DEVICE ON MOVEABLE PLATFORM**  
[54] **DISPOSITIF DE COUPE SUR PLATE-FORME MOBILE**  
[72] BELIK, JAROSLAV, US  
[73] NATIONAL OILWELL VARCO, L.P., US  
[85] 2012-11-02  
[86] 2011-05-03 (PCT/US2011/035076)  
[87] (WO2011/140154)  
[30] US (61/330,581) 2010-05-03

[11] **2,800,462**  
[13] C

- [51] **Int.Cl. F21V 29/50 (2015.01) F21V 29/76 (2015.01) F28D 1/02 (2006.01)**  
[25] EN  
[54] **LIGHT SOURCE APPARATUS**  
[54] **APPAREIL A SOURCE LUMINEUSE**  
[72] KIJIMA, TAKUMI, JP  
[72] KUMANO, KOJI, JP  
[72] SATO, YUKIO, JP  
[72] YABE, MITORU, JP  
[73] MITSUBISHI ELECTRIC CORPORATION, JP  
[86] (2800462)  
[87] (2800462)  
[22] 2013-01-03  
[30] JP (2012-000403) 2012-01-05

[11] **2,800,686**  
[13] C

- [51] **Int.Cl. B60L 11/18 (2006.01) H01F 38/14 (2006.01)**  
[25] EN  
[54] **A WIRELESS POWER RECEIVING UNIT FOR RECEIVING POWER, A WIRELESS POWER TRANSFERRING UNIT FOR TRANSFERRING POWER, A WIRELESS POWER TRANSFERRING DEVICE AND USE OF WIRELESS POWER TRANSFERRING DEVICE**  
[54] **UNITE DE RECEPTION D'ENERGIE SANS FIL, UNITE DE TRANSFERT D'ENERGIE SANS FIL, DISPOSITIF DE TRANSFERT D'ENERGIE SANS FIL ET UTILISATION DE CE DISPOSITIF**  
[72] TENGNER, TOMAS, SE  
[73] ABB RESEARCH LTD, CH  
[85] 2012-11-26  
[86] 2010-05-26 (PCT/EP2010/057266)  
[87] (WO2011/147451)

[11] **2,801,497**  
[13] C

- [51] **Int.Cl. B67D 1/00 (2006.01) B67D 1/07 (2006.01) B67D 1/08 (2006.01) B67D 1/12 (2006.01) B67D 1/16 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR RAPID RECONFIGURATION OF POST-MIX BEVERAGE DISPENSER**  
[54] **SYSTEME ET PROCEDE DE RECONFIGURATION RAPIDE DE DISTRIBUTEUR DE BOISSONS A MELANGE POSTERIEUR**  
[72] HAMMONDS, MARCUS, US  
[72] UBIDIA, FERNANDO, US  
[72] LEWIS, JOHN F., US  
[73] PEPSICO, INC., US  
[85] 2012-12-03  
[86] 2011-06-03 (PCT/US2011/038997)  
[87] (WO2011/153394)  
[30] US (61/351,403) 2010-06-04  
[30] US (13/101,285) 2011-05-05

[11] **2,801,708**  
[13] C

- [51] **Int.Cl. C22C 38/32 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/22 (2006.01) C22C 38/26 (2006.01) C22C 38/28 (2006.01)**  
[25] EN  
[54] **ABRASION RESISTANT STEEL PLATE WHICH EXHIBITS EXCELLENT WELD TOUGHNESS AND EXCELLENT DELAYED FRACTURE RESISTANCE**  
[54] **TOLE D'ACIER RESISTANT A L'USURE AVEC D'EXCELLENTE PROPRIETES EN TERMES DE TENACITE D'UNE PIECE SOUDEE ET DE RESISTANCE A LA DESTRUCTION D'UNE ENVELOPPE**  
[72] UEDA, KEIJI, JP  
[72] SUZUKI, SHINICHI, JP  
[73] JFE STEEL CORPORATION, JP  
[85] 2012-12-05  
[86] 2011-06-29 (PCT/JP2011/065410)  
[87] (WO2012/002563)  
[30] JP (2010-149650) 2010-06-30  
[30] JP (2011-142507) 2011-06-28

[11] **2,802,026**  
[13] C

- [51] **Int.Cl. G06F 11/28 (2006.01) G06F 9/44 (2006.01)**  
[25] EN  
[54] **EXCEPTION HANDLING TEST APPARATUS AND METHOD**  
[54] **APPAREIL DE TEST TRAITANT LES EXCEPTIONS ET METHODE**  
[72] CHOI, BYOUNG-JU, KR  
[72] SEO, JOO-YOUNG, KR  
[72] YANG, SUENG-WAN, KR  
[72] KIM, YOUNG SU, KR  
[72] OH, JUNG SUK, KR  
[72] KWON, HAE YOUNG, KR  
[72] JANG, SEUNG YEUN, KR  
[73] HYUNDAI MOTOR COMPANY, KR  
[73] KIA MOTORS CORPORATION, KR  
[73] EWHA UNIVERSITY-INDUSTRY COLLABORATION FOUNDATION, KR  
[85] 2012-12-07  
[86] 2011-05-09 (PCT/KR2011/003436)  
[87] (WO2012/153879)

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[13] C

[51] **Int.Cl. D04H 1/4242 (2012.01) D04H 1/4274 (2012.01) D04H 1/498 (2012.01) B29B 11/16 (2006.01) D04H 1/06 (2012.01) D04H 1/74 (2006.01)**

[25] EN

[54] **PILE LAYER WITH CURVED BUNDLES**

[54] **COUCHE DE VOILE A FAISCEAUX COURBES**

[72] REITER, BIRGIT, DE  
[72] DANZER, MARTIN, DE  
[72] ORTLEPP, GERALD, DE  
[73] SGL AUTOMOTIVE CARBON FIBERS GMBH & CO. KG, DE

[85] 2012-12-11  
[86] 2011-11-03 (PCT/EP2011/069315)  
[87] (WO2012/059539)  
[30] DE (102010043349.7) 2010-11-03  
[30] DE (102010043346.2) 2010-11-03  
[30] DE (102010043300.4) 2010-11-03  
[30] DE (102010043345.4) 2010-11-03  
[30] DE (102010043347.0) 2010-11-03  
[30] DE (102011077879.9) 2011-06-21  
[30] DE (102011077881.0) 2011-06-21  
[30] DE (102011077880.2) 2011-06-21  
[30] DE (102011078739.9) 2011-07-06  
[30] DE (102011078741.0) 2011-07-06

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[11] **2,802,302**  
[13] C

[51] **Int.Cl. C12N 9/12 (2006.01)**

[25] EN

[54] **DNA POLYMERASES WITH INCREASED 3'-MISMATCH DISCRIMINATION**

[54] **ADN POLYMERASES PRESENTANT UNE DISCRIMINATION ACCRUE DES MESAPPARIEMENTS A L'EXTREMITE 3'**

[72] REICHERT, FRED, US  
[72] BAUER, KEITH, US  
[72] MYERS, THOMAS W., US  
[73] F. HOFFMAN-LA ROCHE AG, US

[85] 2012-12-11  
[86] 2011-06-17 (PCT/EP2011/002993)  
[87] (WO2011/157430)  
[30] US (61/356,292) 2010-06-18

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[11] **2,802,453**  
[13] C

[51] **Int.Cl. H04B 1/04 (2006.01) H04W 88/02 (2009.01) H03H 7/18 (2006.01) H03H 7/38 (2006.01)**

[25] EN

[54] **MOBILE WIRELESS COMMUNICATIONS DEVICE WITH IMPEDANCE MATCHING AND RELATED METHODS**

[54] **APPAREIL DE COMMUNICATION SANS FIL MOBILE AVEC ADAPTATION D'IMPEDANCE ET METHODES CONNEXES**

[72] DEVISON, STEPHEN ARNOLD, CA  
[73] BLACKBERRY LIMITED, CA

[86] (2802453)  
[87] (2802453)  
[22] 2013-01-17  
[30] EP (12151978.9) 2012-01-20

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[11] **2,802,925**  
[13] C

[51] **Int.Cl. A61B 1/07 (2006.01) A61B 1/018 (2006.01) A61B 18/24 (2006.01)**

[25] EN

[54] **ENDOSCOPE AND OPTICAL FIBER ASSEMBLY**

[54] **ENDOSCOPE ET ENSEMBLE DE FIBRES OPTIQUES**

[72] NAHEN, KESTER, DE  
[72] ARNOLD, KEN, US  
[72] PENG, STEVEN YIHLIH, US  
[72] KERMODE, JAMES RAYMOND, US  
[73] AMS RESEARCH, LLC, US

[86] (2802925)  
[87] (2802925)  
[22] 2007-05-18  
[62] 2,652,036  
[30] US (60/747,780) 2006-05-19

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[11] **2,803,993**  
[13] C

[51] **Int.Cl. F04D 1/06 (2006.01) F04D 29/04 (2006.01) F04D 29/12 (2006.01) F04D 29/40 (2006.01)**

[25] EN

[54] **DURABLE PUMPS FOR ABRASIVES**

[54] **POMPES DURABLES POUR LIQUIDES ABRASIFS**

[72] ESLINGER, DAVID, US  
[73] SCHLUMBERGER CANADA LIMITED, CA

[85] 2012-12-27  
[86] 2011-06-30 (PCT/US2011/042690)  
[87] (WO2012/003386)  
[30] US (61/360,031) 2010-06-30  
[30] US (61/365,695) 2010-07-19

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[11] **2,805,248**  
[13] C

[51] **Int.Cl. H04N 19/61 (2014.01) H04N 19/146 (2014.01) H04N 19/159 (2014.01) H04N 19/18 (2014.01) H04N 19/625 (2014.01)**

[25] EN

[54] **IMAGE ENCODING METHOD AND IMAGE DECODING METHOD**

[54] **PROCEDE DE CODAGE ET DE DECODAGE D'IMAGE**

[72] YAMAGUCHI, JUN, JP  
[72] TANIZAWA, AKIYUKI, JP  
[73] KABUSHIKI KAISHA TOSHIBA, JP

[85] 2013-01-11  
[86] 2010-07-15 (PCT/JP2010/062007)  
[87] (WO2012/008039)

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[11] **2,805,671**  
[13] C

[51] **Int.Cl. B29C 45/20 (2006.01) B05B 15/08 (2006.01) B29C 45/03 (2006.01) B29C 45/17 (2006.01)**

[25] EN

[54] **NOZZLE-LOCATING INSULATOR HAVING SPRING-NONCONTACT SECTIONS INTERPOSED BETWEEN SPRING-CONTACT SECTIONS**

[54] **ISOLATEUR DE POSITIONNEMENT DE BUSE COMPORTANT DES SECTIONS NON EN CONTACT AVEC LE RESSORT INTERPOSEES ENTRE DES SECTIONS EN CONTACT AVEC LE RESSORT**

[72] HAMMOND, GREGORY RAY, CA  
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA

[85] 2013-01-16  
[86] 2011-07-12 (PCT/CA2011/050423)  
[87] (WO2012/027839)  
[30] US (61/378,416) 2010-08-31

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[13] C

[51] **Int.Cl. B08B 9/087 (2006.01) B65D 90/00 (2006.01)**

[25] EN

[54] **A CONTAINER INCLUDING A MAGNETICALLY OPERATED SCRAPER**

[54] **UN CONTENANT COMPRENANT UN RACLEUR MAGNETIQUE**

[72] SCHMID, JASON W., US

[72] KARMAN, VERNON D., US

[73] CLASEN QUALITY COATINGS, INC., US

[86] (2805764)

[87] (2805764)

[22] 2013-02-13

[30] US (13/409,500) 2012-03-01

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[11] **2,805,814**  
[13] C

[51] **Int.Cl. G01N 27/28 (2006.01) B01L 3/00 (2006.01) G01D 5/12 (2006.01) G01N 27/414 (2006.01) H01L 27/12 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR SENSING A PROPERTY OF A FLUID**

[54] **METHODE ET APPAREIL DE DETECTION D'UNE PROPRIETE D'UN FLUIDE**

[72] GEORGIU, PANTELAKIS, GB

[72] CONSTANDINOU, TIMOTHY G., GB

[72] REED, SAM, GB

[73] DNA ELECTRONICS LTD, GB

[85] 2013-01-17

[86] 2010-08-06 (PCT/GB2010/051299)

[87] (WO2012/017185)

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[11] **2,807,236**  
[13] C

[51] **Int.Cl. G01F 1/74 (2006.01) G01F 1/84 (2006.01)**

[25] EN

[54] **MEASURING SYSTEM HAVING A MEASURING TRANSDUCER OF VIBRATION-TYPE**

[54] **SYSTEME DE MESURE PRESENTANT UN TRANSDUCTEUR DU TYPE A VIBRATION**

[72] ZHU, HAO, DE

[72] DRAHM, WOLFGANG, DE

[72] RIEDER, ALFRED, DE

[72] KUMAR, VIVEK, CH

[73] ENDRESS+HAUSER FLOWTEC AG, CH

[85] 2013-01-31

[86] 2011-07-11 (PCT/EP2011/061723)

[87] (WO2012/022541)

[30] DE (10 2010 039 543.9) 2010-08-19

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[11] **2,807,521**  
[13] C

[51] **Int.Cl. H04B 1/7156 (2011.01) H04L 7/00 (2006.01)**

[25] EN

[54] **SYNCHRONOUS FREQUENCY HOPPING SPREAD SPECTRUM COMMUNICATIONS**

[54] **RESEAU DE COMMUNICATION SYNCHRONISE A EVASION DE FREQUENCE SUR SPECTRE ETALE**

[72] SHUEY, KENNETH C., US

[73] ELSTER SOLUTIONS, LLC, US

[86] (2807521)

[87] (2807521)

[22] 2013-02-22

[30] US (13/426,808) 2012-03-22

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[11] **2,808,284**  
[13] C

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

[25] EN

[54] **A PACKET STRUCTURE FOR A MOBILE DISPLAY DIGITAL INTERFACE**

[54] **STRUCTURE DE PAQUET POUR INTERFACE NUMERIQUE A AFFICHAGE MOBILE**

[72] STEELE, BRIAN, US

[72] WILEY, GEORGE ALAN, US

[72] SHEKHAR, SHASHANK, US

[73] QUALCOMM INCORPORATED, US

[86] (2808284)

[87] (2808284)

[22] 2008-05-08

[62] 2,685,073

[30] US (60/928,488) 2007-05-08

[30] US (12/116,018) 2008-05-06

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[11] **2,808,491**  
[13] C

[51] **Int.Cl. F01D 5/06 (2006.01) B23K 20/12 (2006.01) B23P 15/04 (2006.01) C22C 19/05 (2006.01) F01D 25/00 (2006.01)**

[25] EN

[54] **FRICTION WELDED TURBINE DISK AND SHAFT**

[54] **DISQUE ET ARBRE DE TURBINE SOUDE PAR FRICTION**

[72] MATZ, JOHN E., US

[72] HOLLMAN, TIMOTHY M., US

[72] XIAO, XINWEN, US

[72] CREED, PHILLIP, US

[73] HAMILTON SUNDSTRAND CORPORATION, US

[86] (2808491)

[87] (2808491)

[22] 2013-03-08

[30] US (13/485,676) 2012-05-31

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[11] **2,808,768**  
[13] C

[51] **Int.Cl. H04L 12/66 (2006.01) H04L 9/00 (2006.01) H04L 12/12 (2006.01) H04L 12/24 (2006.01) H04L 29/06 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR ADAPTIVELY ROUTING PEER-TO-PEER (P2P) COMMUNICATIONS**

[54] **SYSTEME ET PROCEDE DE ROUTAGE DYNAMIQUE DE COMMUNICATIONS POSTE A POSTE**

[72] ROZINOV, BORIS, CA

[73] BLACKBERRY LIMITED, CA

[86] (2808768)

[87] (2808768)

[22] 2013-03-06

[30] EP (12158211.8) 2012-03-06

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[11] **2,809,227**  
[13] C

[51] **Int.Cl. H03H 17/02 (2006.01) H04B 7/15 (2006.01) H04J 1/00 (2006.01)**

[25] EN

[54] **DEMULTIPLEXING APPARATUS, MULTIPLEXING APPARATUS, AND RELAY APPARATUS**

[54] **DISPOSITIF DE DEMULTIPLEXAGE, DISPOSITIF DE MULTIPLEXAGE ET DISPOSITIF RELAIS**

[72] FUJIMURA, AKINORI, JP

[73] MITSUBISHI ELECTRIC CORPORATION, JP

[85] 2013-02-22

[86] 2011-08-22 (PCT/JP2011/068848)

[87] (WO2012/026417)

[30] JP (2010-188768) 2010-08-25

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[11] **2,809,509**  
[13] C

[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 31/44 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL FORMULATIONS CONTAINING RIFAXIMIN, PROCESSES FOR THEIR OBTAINMENT AND METHOD OF TREATING INTESTINAL DISEASE**

[54] **FORMULATIONS PHARMACEUTIQUES CONTENANT DE LA RIFAXIMINE, PROCEDES POUR LEUR OBTENTION ET PROCEDE DE TRAITEMENT DE MALADIES INTESTINALES**

[72] VISCOMI, GIUSEPPE CLAUDIO, IT

[72] MAFFEI, PAOLA, IT

[72] BOTTONI, GIUSEPPE, IT

[72] GRIMALDI, MARIA, IT

[73] ALFA WASSERMANN S.P.A., IT

[85] 2013-02-26

[86] 2011-09-21 (PCT/IB2011/054133)

[87] (WO2012/038898)

[30] IT (BO2010A000567) 2010-09-22

[30] IT (BO2010A000638) 2010-10-22

[30] IT (BO2011A000012) 2011-01-19

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[11] **2,810,168**  
[13] C

[51] **Int.Cl. C08J 9/00 (2006.01) H01M 2/16 (2006.01)**

[25] EN

[54] **POROUS MEMBRANE AND METHOD FOR MANUFACTURING THE SAME**

[54] **MEMBRANE POREUSE ET SON PROCEDE DE PRODUCTION**

[72] YANG, JAE WON, KR

[72] RYU, SI JU, KR

[72] KIM, SEONG TAE, KR

[72] KIM, BYUNG HYUNN, KR

[72] PARK, JUNG GOO, KR

[72] CHO, HEE MIN, KR

[73] W-SCOPE CORPORATION, JP

[85] 2013-03-01

[86] 2012-04-04 (PCT/JP2012/059256)

[87] (WO2012/137847)

[30] KR (10-2011-0031099) 2011-04-05

[30] KR (10-2011-0069260) 2011-07-13

[30] KR (10-2011-0101768) 2011-10-06

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[11] **2,810,430**  
[13] C

[51] **Int.Cl. G01B 5/008 (2006.01) G01B 21/04 (2006.01) G05B 19/19 (2006.01) G05B 19/401 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR CONTROLLING A SURFACE SCANNING COORDINATE MEASURING MACHINE**

[54] **PROCEDE ET APPAREIL POUR COMMANDER UNE MACHINE DE MESURE DE COORDONNEES A BALAYAGE DE SURFACE**

[72] RACINE, PAUL P., US

[73] HEXAGON TECHNOLOGY CENTER GMBH, CH

[85] 2013-03-04

[86] 2011-09-13 (PCT/US2011/051295)

[87] (WO2012/037059)

[30] US (61/382,126) 2010-09-13

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[11] **2,810,660**  
[13] C

[51] **Int.Cl. H04L 12/701 (2013.01) H04L 12/24 (2006.01)**

[25] EN

[54] **COMPUTER SYSTEM AND COMMUNICATION METHOD IN COMPUTER SYSTEM**

[54] **SYSTEME INFORMATIQUE ET PROCEDE DE COMMUNICATION DANS LE SYSTEME INFORMATIQUE**

[72] TAKASHIMA, MASANORI, JP

[72] KASE, TOMOHIRO, JP

[72] UENO, HIROSHI, JP

[72] MASUDA, TAKAHISA, JP

[72] YUN, SUHUN, JP

[73] NEC CORPORATION, JP

[85] 2013-03-06

[86] 2011-09-05 (PCT/JP2011/070137)

[87] (WO2012/033041)

[30] JP (2010-202468) 2010-09-09

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[11] **2,810,817**  
[13] C

[51] **Int.Cl. H04B 10/00 (2013.01) H01L 31/173 (2006.01) H03K 17/795 (2006.01)**

[25] EN

[54] **OPTO-ISOLATION CIRCUIT**

[54] **CIRCUIT D'OPTO-ISOLATION**

[72] KRAVITZ, ANDREW, S., US

[73] MICRO MOTION, INC., US

[85] 2013-03-07

[86] 2010-09-13 (PCT/US2010/048590)

[87] (WO2012/036661)

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[11] **2,811,106**

[13] C

[51] **Int.Cl. H02J 9/00 (2006.01) H02B 1/52 (2006.01) H02J 3/00 (2006.01) H02J 13/00 (2006.01)**

[25] EN

[54] **ON-DEMAND ELECTRIC POWER SYSTEM**

[54] **SYSTEME D'ALIMENTATION ELECTRIQUE SUR DEMANDE**

[72] JOHNSON, ALAN K., US

[73] JOHNSON, ALAN K., US

[86] (2811106)

[87] (2811106)

[22] 2013-03-22

[30] US (13847629) 2013-03-20

[11] **2,811,125**

[13] C

[51] **Int.Cl. H01R 13/193 (2006.01) H01R 12/62 (2011.01) H01R 12/85 (2011.01)**

[25] EN

[54] **CONNECTOR ASSEMBLY**

[54] **ENSEMBLE CONNECTEUR**

[72] BIRKIN, CHRISTOPHER

MALCOLM, ZA

[73] DETNET SOUTH AFRICA (PTY) LTD, ZA

[85] 2013-03-11

[86] 2011-11-15 (PCT/ZA2011/000086)

[87] (WO2012/068592)

[30] ZA (2010/08183) 2010-11-16

[11] **2,811,638**

[13] C

[51] **Int.Cl. E21B 43/10 (2006.01) E21B 33/14 (2006.01)**

[25] EN

[54] **METHODS AND APPARATUS FOR CEMENTING WELLS**

[54] **PROCEDES ET APPAREIL DE CIMENTATION DE PUITS**

[72] HARRIS, MICHAEL J., US

[72] STULBERG, MARTIN ALFRED, US

[73] KEY ENERGY SERVICES, LLC, US

[86] (2811638)

[87] (2811638)

[22] 2013-04-02

[30] US (13/506,227) 2012-04-05

[11] **2,812,525**

[13] C

[51] **Int.Cl. G06F 9/50 (2006.01) G06F 9/46 (2006.01) G06F 9/48 (2006.01)**

[25] EN

[54] **VIRTUAL SERVER CONTROL SYSTEM AND PROGRAM**

[54] **SYSTEME ET PROGRAMME DE COMMANDE DE SERVEUR VIRTUEL**

[72] TAMURA, MINEYUKI, JP

[73] HITACHI SYSTEMS, LTD., JP

[85] 2013-03-25

[86] 2012-03-08 (PCT/JP2012/055920)

[87] (WO2013/024601)

[30] JP (2011-177518) 2011-08-15

[11] **2,812,764**

[13] C

[51] **Int.Cl. A61M 5/158 (2006.01) A61M 39/08 (2006.01) A61M 39/28 (2006.01)**

[25] EN

[54] **ANTI FREE-FLOW OCCLUDER AND PRIMING ACTUATOR PAD**

[54] **OBTURATEUR ANTI-ECOULEMENT LIBRE ET TAMPON ACTIONNEUR D'AMORCAGE**

[72] BECK, KENT, US

[73] ZEVEX, INC., US

[85] 2013-03-26

[86] 2011-09-29 (PCT/US2011/053955)

[87] (WO2012/044807)

[30] US (61/388,901) 2010-10-01

[11] **2,814,310**

[13] C

[51] **Int.Cl. B65D 51/00 (2006.01) B65D 17/00 (2006.01)**

[25] EN

[54] **A METHOD FOR PRODUCING FILLED AND RECLOSABLE PRESSURE VESSELS**

[54] **PROCEDE DE PRODUCTION DE RECIPIENTS SOUS PRESSION REMPLIS ET REFERMABLES**

[72] BRATSCH, CHRISTIAN, AT

[73] XOLUTION GMBH, DE

[85] 2013-04-10

[86] 2011-10-14 (PCT/EP2011/067955)

[87] (WO2012/049280)

[30] AT (A 1723/2010) 2010-10-15

[11] **2,814,344**

[13] C

[51] **Int.Cl. H04B 1/40 (2015.01) H03K 6/00 (2006.01) H04B 1/10 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR CONTROLLING**

**ELECTROMAGNETIC INTERFERENCE IN PORTABLE ELECTRONIC DEVICES HAVING A RADIO FREQUENCY SUBSYSTEM**

[54] **PROCEDE ET METHODE DE**

**CONTROLE DE L'INTERFERENCE ELECTROMAGNETIQUE DANS LES DISPOSITIFS ELECTRONIQUES PORTATIFS EQUIPES DE SOUS-SYSTEME A RADIOFREQUENCE**

[72] MARCHAND, RENE PIERRE, CA

[72] WINGER, LYALL KENNETH, CA

[72] BERNARD, CHRISTOPHER DAVID, CA

[73] BLACKBERRY LIMITED, CA

[86] (2814344)

[87] (2814344)

[22] 2013-04-29

[30] EP (12167340.4) 2012-05-09

[11] **2,814,630**

[13] C

[51] **Int.Cl. C21D 9/46 (2006.01) C22C 38/00 (2006.01) C22C 38/38 (2006.01) C22C 38/58 (2006.01) C21D 1/18 (2006.01)**

[25] EN

[54] **METHOD FOR MANUFACTURING HOT STAMPED BODY AND HOT STAMPED BODY**

[54] **PROCEDE DE FABRICATION D'UN ARTICLE MOULE**

**ESTAMPE A CHAUD ET ARTICLE MOULE ESTAMPE A CHAUD**

[72] HAYASHI, KUNIO, JP

[72] ASO, TOSHIMITSU, JP

[72] TOMOKIYO, TOSHIMASA, JP

[72] TANINO, HITOSHI, JP

[72] WADA, RYOZO, JP

[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2013-04-12

[86] 2011-10-21 (PCT/JP2011/074297)

[87] (WO2012/053636)

[30] JP (2010-237249) 2010-10-22

[30] JP (2010-289527) 2010-12-27

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[13] C  
[51] **Int.Cl. F03D 9/25 (2016.01) E04F 10/00 (2006.01) F03D 9/00 (2016.01) F21S 11/00 (2006.01)**  
[25] EN  
[54] **BUILDING SUNSHADE WITH INTEGRAL ELECTRIC GENERATOR**  
[54] **PARE-SOLEIL POUR IMMEUBLE AVEC GENERATEUR D'ELECTRICITE INTEGRE**  
[72] HOOPEER, WILLIAM J., JR., US  
[72] LING, WILLIAM, US  
[72] BARBULESCU, ION-HORATIU, US  
[73] ALCOA INC., US  
[86] (2815596)  
[87] (2815596)  
[22] 2013-05-10  
[30] US (13/483,990) 2012-05-30

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[11] **2,815,651**  
[13] C  
[51] **Int.Cl. H04W 88/02 (2009.01) G01R 35/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR OPERATING A MOBILE DEVICE HAVING A MAGNETOMETER**  
[54] **SYSTEME ET PROCEDE POUR FAIRE FONCTIONNER UN APPAREIL MOBILE POURVU D'UN MAGNETOMETRE**  
[72] OLIVER, ROBERT GEORGE, CA  
[72] ALMALKI, NAZIH, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2815651)  
[87] (2815651)  
[22] 2013-05-13  
[30] EP (12170348.2) 2012-05-31

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[11] **2,815,900**  
[13] C  
[51] **Int.Cl. H04B 1/40 (2015.01) H04W 88/02 (2009.01) H03H 7/38 (2006.01) H03J 3/00 (2006.01) H03J 3/24 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR TUNING CIRCUIT COMPONENTS OF A COMMUNICATION DEVICE**  
[54] **METHODES ET APPAREIL POUR FAIRE L'ACCORD DE COMPOSANTS DE CIRCUIT D'UN DISPOSITIF DE COMMUNICATION**  
[72] MANSSEN, KEITH RONALD, US  
[72] GREENE, MATTHEW RUSSELL, US  
[72] HOIRUP, CARSTEN, US  
[72] HUGHES, SIMON ANDREW, CA  
[72] MORELEN, STEVEN MARK, US  
[72] GALPERIN, VICTOR, CA  
[72] SPEARS, JOHN, US  
[73] BLACKBERRY LIMITED, CA  
[86] (2815900)  
[87] (2815900)  
[22] 2013-05-15  
[30] US (13/486,914) 2012-06-01

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[13] C  
[51] **Int.Cl. B24B 9/00 (2006.01) B08B 9/02 (2006.01) B24B 41/06 (2012.01)**  
[25] EN  
[54] **BRUSH-TYPE DEBURRING MACHINE**  
[54] **BROSSE A EBARBER**  
[72] RATTUNDE, ULRICH, DE  
[73] RATTUNDE & CO GMBH, DE  
[85] 2013-04-30  
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[30] DE (10 2010 050 317.7) 2010-11-05

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[51] **Int.Cl. A61F 2/06 (2013.01) A61B 17/00 (2006.01) A61M 25/00 (2006.01)**  
[25] EN  
[54] **DEVICE AND METHOD FOR DELIVERING A VASCULAR DEVICE**  
[54] **DISPOSITIF ET METHODE D'IMPLANTATION D'UN DISPOSITIF VASCULAIRE**  
[72] KARINIEMI, RYAN DOUGLAS, US  
[72] GLIMSDALE, MATHIAS C., US  
[73] AGA MEDICAL CORPORATION, US  
[85] 2013-05-02  
[86] 2012-03-08 (PCT/US2012/028266)  
[87] (WO2012/134761)  
[30] US (13/072,378) 2011-03-25

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[51] **Int.Cl. A61B 17/03 (2006.01) A61B 17/00 (2006.01)**  
[25] EN  
[54] **DEVICE AND METHOD FOR OCCLUDING A SEPTAL DEFECT**  
[54] **DISPOSITIFS ET METHODE D'OCCLUSION D'UNE MALFORMATION SEPTALE**  
[72] KARINIEMI, RYAN DOUGLAS, US  
[72] GLIMSDALE, MATHIAS C., US  
[72] OSLUND, JOHN, US  
[72] WISE, DEREK RANDALL, US  
[73] AGA MEDICAL CORPORATION, US  
[85] 2013-05-10  
[86] 2012-03-08 (PCT/US2012/028271)  
[87] (WO2012/134762)  
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[51] **Int.Cl. G06T 1/60 (2006.01) G06F 12/00 (2006.01)**  
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[54] **MEMORY ACCESS DEVICE**  
[54] **DISPOSITIF D'ACCES A LA MEMOIRE**  
[72] YAMADA, YASUHIRO, JP  
[72] NAGAI, NORIHIKO, JP  
[73] NTT ELECTRONICS CORPORATION, JP  
[85] 2013-05-29  
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[54] **GENETICALLY-ENGINEERED NON-TOXIC BLEB VACCINE**  
[54] **VACCIN A BLEB NON TOXIQUE MIS AU POINT PAR GENIE GENETIQUE**  
[72] BERTHET, FRANCOIS-XAVIER JACQUES, BE  
[72] DALEMANS, WILFRIED L.J., BE  
[72] DENOEL, PHILIPPE, BE  
[72] DEQUESNE, GUY, BE  
[72] FERON, CHRISTIANE, BE  
[72] LOBET, YVES, BE  
[72] POOLMAN, JAN, BE  
[72] THONNARD, JOELLE, BE  
[72] VOET, PIERRE, BE  
[72] THIRY, GEORGES, BE  
[73] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE

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[54] **CO2 REFRIGERATION SYSTEM**  
[54] **SYSTEME FRIGORIFIQUE PAR CO2**  
[72] DUBE, SERGE, CA  
[73] TOROMONT INDUSTRIES LTD, CA

[86] (2820930)  
[87] (2820930)  
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[51] **Int.Cl. C30B 25/10 (2006.01) C30B 29/04 (2006.01)**

[25] EN  
[54] **DISLOCATION ENGINEERING IN SINGLE CRYSTAL SYNTHETIC DIAMOND MATERIAL**  
[54] **INGENIERIE DE DISLOCATION DANS UN MATERIAU EN DIAMANT SYNTHETIQUE MONOCRISTALLIN**  
[72] DHILLON, HARPREET KAUR, GB  
[72] DAVIES, NICHOLAS MATTHEW, GB  
[72] KHAN, RIZWAN UDDIN AHMAD, GB  
[72] TWITCHEN, DANIEL JAMES, GB  
[72] MARTINEAU, PHILIP MAURICE, GB  
[73] ELEMENT SIX LIMITED, GB

[85] 2013-06-13  
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[25] EN  
[54] **RADIAL FLUID DEVICE WITH MULTI-HARMONIC OUTPUT**  
[54] **DISPOSITIF A FLUIDE RADIAL AVEC SORTIE MULTI-HARMONIQUE**  
[72] FENNY, CARLOS A., US  
[73] BELL HELICOPTER TEXTRON INC., US

[86] (2821683)  
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[54] **HYDROCARBON CONVERSION PROCESS**  
[54] **PROCEDE DE CONVERSION D'HYDROCARBURE**  
[72] KEUSENKOTHEN, PAUL F., US  
[72] HERSHKOWITZ, FRANK, US  
[72] DENTON, ROBERT D., US  
[72] MOHR, GARY D., US  
[73] EXXONMOBIL CHEMICAL PATENTS INC., US

[85] 2013-06-18  
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[30] US (61/434,409) 2011-01-19  
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[30] US (61/434,411) 2011-01-19  
[30] US (61/434,413) 2011-01-19  
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[30] US (61/434,417) 2011-01-19  
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[25] EN  
[54] **DISTRIBUTED VIRTUAL RESOURCE BLOCK ALLOCATION FOR OFDMA**  
[54] **AFFECTATION DE BLOC DISTRIBUE DE RESSOURCES VIRTUELLES A L'OFDMA**  
[72] AWAD, YASSIN ADEN, JP  
[72] ARNOTT, ROBERT, JP  
[73] NEC CORPORATION, JP

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[54] **METHOD AND APPARATUS FOR ENCODING VIDEO, AND METHOD AND APPARATUS FOR DECODING VIDEO**  
[54] **PROCEDE ET APPAREIL DE CODAGE VIDEO ET PROCEDE ET APPAREIL DE DECODAGE VIDEO**  
[72] SONG, HAK-SUP, KR  
[72] MIN, JUNG-HYE, KR  
[73] SAMSUNG ELECTRONICS CO., LTD., KR  
[86] (2823882)  
[87] (2823882)  
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[25] EN  
[54] **NEGOTIATING CAPABILITIES BETWEEN A WIRELESS SINK AND A WIRELESS SOURCE DEVICE**  
[54] **NEGOCIATION DES CAPACITES ENTRE UN RECEPTEUR SANS FIL ET UN DISPOSITIF SOURCE SANS FIL**  
[72] RAVEENDRAN, VIJAYALAKSHMI R., US  
[72] HUANG, XIAOLONG, US  
[72] WANG, XIAODONG, US  
[72] SHAUKAT, FAWAD, US  
[73] QUALCOMM INCORPORATED, US  
[85] 2013-07-10  
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[30] US (61/435,194) 2011-01-21  
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[30] US (61/450,101) 2011-03-07  
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[30] US (61/544,445) 2011-10-07  
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[25] EN  
[54] **ARC EVAPORATION SOURCE**  
[54] **SOURCE D'EVAPORATION PAR ARC**  
[72] TANIFUJI, SHINICHI, JP  
[72] YAMAMOTO, KENJI, JP  
[73] KABUSHIKI KAISHA KOBE SEIKO SHO(KOBE STEEL, LTD.), JP  
[85] 2013-07-12  
[86] 2012-02-23 (PCT/JP2012/054451)  
[87] (WO2012/115203)  
[30] JP (2011-037094) 2011-02-23  
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[13] C

[51] **Int.Cl. B22D 33/02 (2006.01) B33Y 10/00 (2015.01) B22C 9/00 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRODUCTION OF A CAST COMPONENT**  
[54] **PROCEDE ET APPAREIL DE PRODUCTION D'UN COMPOSANT COULE**  
[72] FRASIER, DONALD J., US  
[72] SCHLIENGER, M. ERIC, US  
[72] BRADY, GUY ALLEN, US  
[72] KUSH, MATTHEW, US  
[72] VESSELY, PATRICK A., US  
[73] ROLLS-ROYCE CORPORATION, US  
[86] (2824923)  
[87] (2824923)  
[22] 1999-11-19  
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[13] C

[51] **Int.Cl. B65D 88/00 (2006.01)**  
[25] EN  
[54] **DRAIN ASSEMBLY FOR A TANK OR CONTAINMENT VESSEL**  
[54] **ENSEMBLE VIDANGE POUR RESERVOIR OU ENCEINTE DE CONFINEMENT**  
[72] DUCHARME, BLAKE, US  
[72] HRUSCHAK, LAWRENCE, US  
[73] RHINOKORE COMPOSITES MANUFACTURING PARTNERSHIP, CA  
[86] (2825232)  
[87] (2825232)  
[22] 2013-08-27

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[13] C

[51] **Int.Cl. B07B 1/46 (2006.01) B01D 33/03 (2006.01) B01D 33/80 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MONITORING WEAR OF AND REPAIRING SHAKER SCREENS**  
[54] **PROCEDE ET APPAREIL DESTINES AU CONTROLE DE L'USURE DE TAMIS A SECOUSSES ET A LA REPARATION DE CES DERNIERS**  
[72] DAHL, BJORN, NO  
[73] OPTIPRO AS, NO  
[85] 2013-07-19  
[86] 2011-03-18 (PCT/NO2011/000094)  
[87] (WO2011/115508)  
[30] US (61/315,732) 2010-03-19  
[30] NO (NO20100411) 2010-03-19

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[25] EN

[54] **A METHOD FOR INDIVIDUALLY SERVICING A PLURALITY OF ZONES OF A SUBTERRANEAN FORMATION**

[54] **PROCEDE DE DESSERTER INDIVIDUELLE D'UNE PLURALITE DE ZONES D'UNE FORMATION SOUTERRAINE**

[72] HOWELL, MATTHEW TODD, US

[73] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2013-07-22

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[25] EN

[54] **A COMPOSITE INSULATION PANEL**

[54] **PANNEAU ISOLANT COMPOSITE**

[72] CAROLAN, JAMES, IE

[72] FLYNN, GREGORY, IE

[73] KINGSPAN RESEARCH AND DEVELOPMENTS LIMITED, IE

[85] 2013-07-23

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[51] **Int.Cl. C09J 189/00 (2006.01)**

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[54] **LOW PH SOY FLOUR-NON UREA DILUENT AND METHODS OF MAKING SAME**

[54] **DILUANT SANS UREE A PH BAS DE FARINE DE SOJA ET PROCEDES DE PREPARATION**

[72] WESCOTT, JAMES M., US

[72] BIRKELAND, MICHAEL J., US

[73] SOLENIS TECHNOLOGIES CAYMAN, L.P., CH

[85] 2013-07-23

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[54] **ROTATING PACKED BED**

[54] **LIT A GARNISSAGE ROTATIF**

[72] WOLF, HARTWIG, CH

[72] ALEKSIC, PETAR, CH

[72] ENNENBACH, FRANK KLAUS, DE

[72] TOTHILL, MARK HARVEY, GB

[73] ALSTOM TECHNOLOGY LTD, CH

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[13] C

[51] **Int.Cl. H05F 3/00 (2006.01)**

[25] EN

[54] **PORTABLE EQUIPOTENTIAL GRID**

[54] **GRILLE EQUIPOTENTIELLE PORTATIVE**

[72] XU, WILSON, CA

[73] CLEAVELAND/PRICE INC., US

[86] (2826140)

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[22] 2013-09-04

[30] US (61/707,382) 2012-09-28

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[25] EN

[54] **NON-CONTACT SELECTION SWITCH**

[54] **COMMUTATEUR DE SELECTION SANS CONTACT**

[72] YOON, IL SHIK, KR

[73] YOON, IL SHIK, KR

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[30] KR (10-2011-0013642) 2011-02-16

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[51] **Int.Cl. E21B 17/02 (2006.01) E21B 23/00 (2006.01) E21B 43/10 (2006.01)**

[25] EN

[54] **EXPANSION CONE ASSEMBLY FOR SETTING A LINER HANGER IN A WELLBORE CASING**

[54] **ENSEMBLE DE CONES DE DILATATION DESTINE AU POSITIONNEMENT D'UN DISPOSITIF DE SUSPENSION DANS UN TUBAGE DE TROU DE FORAGE**

[72] HAZELIP, GARY LYNN, US

[73] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2013-08-20

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[30] US (13/040,668) 2011-03-04

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[13] C

[51] **Int.Cl. A47C 31/00 (2006.01) A01M 1/00 (2006.01) A47C 29/00 (2006.01) A47C 31/10 (2006.01)**

[25] EN

[54] **MATTRESS ENCASUREMENT FOR PREVENTING BED BUG ESCAPEMENT VIA A ZIPPER OPENING**

[54] **ENVELOPPE DE MATELAS EMPECHANT LES PUNAISES DES LITS DE S'ECHAPPER GRACE A UNE OUVERTURE PAR FERMETURE A GLISSIERE**

[72] BELL, JAMES, US

[72] CHEN, YUEH-JYH, US

[72] YEH, CHING-YAO, US

[73] JAB DISTRIBUTORS, LLC., US

[86] (2829527)

[87] (2829527)

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[13] C

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[25] EN  
[54] **DESULFURIZATION IN A REGENERATIVE CALCIUM CYCLE SYSTEM**  
[54] **DESULFURATION DANS UN SYSTEME A CYCLE DE CALCIUM REGENERATEUR**  
[72] STALLMANN, OLAF, DE  
[72] HEINZ, GERHARD, DE  
[72] KOSS, PETER ULRICH, CH  
[73] ALSTOM TECHNOLOGY LTD, CH  
[86] (2829602)  
[87] (2829602)  
[22] 2013-10-09  
[30] EP (12188666.7) 2012-10-16

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[11] **2,830,160**  
[13] C

[51] **Int.Cl. E21B 19/16 (2006.01)**  
[25] EN  
[54] **ROTATING CONTROL DEVICE WITH POSITIVE DRIVE GRIPPING DEVICE**  
[54] **DISPOSITIF DE COMMANDE ROTATIF COMPRENANT UN DISPOSITIF DE PREHENSION A ENTRAINEMENT POSITIF**  
[72] CURTIS, FREDRICK D., US  
[72] ALLEY, SEAN A., US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2013-09-13  
[86] 2011-04-06 (PCT/US2011/031367)  
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[51] **Int.Cl. F01D 9/02 (2006.01)**  
[25] EN  
[54] **TURBINE COMBUSTION SYSTEM COOLING SCOOP**  
[54] **OUIE DE REFROIDISSEMENT DE SYSTEME DE COMBUSTION DE TURBINE**  
[72] NARCUS, ANDREW R., US  
[72] GENT, MATTHEW, US  
[72] THERRIEN, NEAL, US  
[73] SIEMENS ENERGY, INC., US  
[85] 2013-09-24  
[86] 2012-03-01 (PCT/US2012/027262)  
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[30] US (61/468,678) 2011-03-29  
[30] US (13/241,391) 2011-09-23

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[13] C

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4985 (2006.01) A61P 25/00 (2006.01)**  
[25] EN  
[54] **NOVEL BICYCLIC PYRIDINONES**  
[54] **NOUVELLES PYRIDONES BICYCLIQUES**  
[72] AM ENDE, CHRISTOPHER WILLIAM, US  
[72] FISH, BENJAMIN ADAM, US  
[72] GREEN, MICHAEL ERIC, US  
[72] JOHNSON, DOUGLAS SCOTT, US  
[72] MULLINS, PATRICK BRADLEY, US  
[72] O'DONNELL, CHRISTOPHER JOHN, US  
[72] PETTERSSON, MARTIN YOUNGJIN, US  
[72] STIFF, CORY MICHAEL, US  
[72] SUBRAMANYAM, CHAKRAPANI, US  
[72] TRAN, TUAN PHONG, US  
[72] NAVARATNAM, THAYALAN, US  
[73] PFIZER INC., US  
[85] 2013-09-12  
[86] 2012-03-21 (PCT/IB2012/051348)  
[87] (WO2012/131539)  
[30] US (61/470,076) 2011-03-31  
[30] US (61/599,022) 2012-02-15

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[13] C

[51] **Int.Cl. C10B 53/00 (2006.01) B01J 19/00 (2006.01) C10L 1/02 (2006.01)**  
[25] EN  
[54] **SYSTEM AND PROCESS FOR THERMOCHEMICAL TREATMENT OF MATTER CONTAINING ORGANIC COMPOUNDS**  
[54] **SYSTEME ET PROCEDE POUR UN TRAITEMENT THERMOCHIMIQUE DE MATIERE CONTENANT DES COMPOSES ORGANIQUES**  
[72] VERMA, MAUSAM, CA  
[72] GODBOUT, STEPHANE, CA  
[72] SOLOMATNIKOVA, OLGA, CA  
[72] ZEGAN, DAN, CA  
[72] LAROUCHE, JEAN-PIERRE, CA  
[72] PELLETIER, FREDERIC, CA  
[73] INSTITUT DE RECHERCHEET DE DEVELOPPEMENT EN AGROENVIRONNEMENT INC. (IRDA), CA  
[73] CENTRE DE RECHERCHE INDUSTRIELLE DU QUEBEC, CA  
[85] 2013-09-23  
[86] 2012-03-23 (PCT/CA2012/000260)  
[87] (WO2012/126096)  
[30] US (61/466,746) 2011-03-23

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[13] C

[51] **Int.Cl. A47G 7/00 (2006.01) A47G 7/08 (2006.01)**  
[25] EN  
[54] **ORNAMENTAL SURROUND FOR PLANTS, TREES, AND POST**  
[54] **ENCEINTE ORNEMENTALE POUR PLANTES, ARBRES ET POTEAUX**  
[72] ARNOTT, MACKENZIE RAE, CA  
[73] ARNOTT, MACKENZIE RAE, CA  
[86] (2833328)  
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[22] 2013-11-13  
[30] US (61728582) 2012-11-20

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[13] C

[51] **Int.Cl. B65B 11/04 (2006.01) B65B 11/02 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR METERED PRE-STRETCH FILM DELIVERY**  
[54] **PROCEDE ET APPAREIL DE DISTRIBUTION DOSEE DE FILM PRE-ETIRE**  
[72] LANCASTER, PATRICK R., III, US  
[72] ELDRIDGE, DAVID E., US  
[72] HALL, WILLIE MARTIN, US  
[72] JOHNSON, RICHARD L., US  
[72] MARTIN, CURTIS W., US  
[72] MOORE, PHILIP R., US  
[72] NORRIS, JOSEPH DONALD, US  
[73] LANTECH.COM, LLC, US  
[86] (2834158)  
[87] (2834158)  
[22] 2007-02-23  
[62] 2,643,307  
[30] US (60/775,779) 2006-02-23

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[11] **2,834,857**  
[13] C

[51] **Int.Cl. E21B 33/038 (2006.01) E21B 17/02 (2006.01) E21B 33/035 (2006.01)**  
[25] EN  
[54] **SINGLE UPSET LANDING STRING RUNNING SYSTEM**  
[54] **SYSTEME POUR FAIRE DESCENDRE UN TRAIN DE TIGES DE POSE A RENFLEMENT UNIQUE**  
[72] ANGELLE, JEREMY RICHARD, US  
[72] THIBODEAUX, ROBERT L., JR., US  
[72] HOLLIER, TYLER J., US  
[73] FRANK'S INTERNATIONAL, LLC, US  
[85] 2013-10-31  
[86] 2012-04-30 (PCT/US2012/035746)  
[87] (WO2012/151146)  
[30] US (61/481,216) 2011-05-01  
[30] US (13/459,314) 2012-04-30

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[11] **2,834,905**  
[13] C

[51] **Int.Cl. G01B 9/04 (2006.01)**  
[25] EN  
[54] **LINKING OF MICROSCOPES FOR ANALYSIS OF OBJECTS COMPRISING TOOL MARKS**  
[54] **MISE EN LIAISON DE MICROSCOPES POUR L'ANALYSE D'OBJETS COMPORTANT DES MARQUES D'OUTILS**  
[72] BEAUCHAMP, ALAIN, CA  
[72] ROBERGE, DANNY, CA  
[72] PERRON, BENOIT, CA  
[73] ULTRA ELECTRONICS FORENSIC TECHNOLOGY INC., CA  
[85] 2013-11-01  
[86] 2011-05-02 (PCT/CA2011/000521)  
[87] (WO2011/137518)  
[30] US (61/330,604) 2010-05-03

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[13] C

[51] **Int.Cl. H01M 8/2485 (2016.01) H01M 8/04029 (2016.01) H01M 2/30 (2006.01) H01M 8/02 (2016.01)**  
[25] EN  
[54] **FUEL CELL SYSTEM**  
[54] **SYSTEME DE PILE A COMBUSTIBLE**  
[72] HOTTA, YUTAKA, JP  
[72] ITOGA, MICHITARO, JP  
[72] TAKEYAMA, MAKOTO, JP  
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[85] 2013-11-18  
[86] 2011-07-12 (PCT/JP2011/065887)  
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[13] C

[51] **Int.Cl. B62M 6/50 (2010.01)**  
[25] EN  
[54] **DRIVING UNIT AND BATTERY-ASSISTED BICYCLE**  
[54] **UNITE D'ENTRAINEMENT ET BICYCLETTE ASSISTEE PAR BATTERIE**  
[72] ARIMUNE, NOBUYASU, JP  
[72] KAMIYA, SATOSHI, JP  
[72] NEGORO, MASANORI, JP  
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP  
[86] (2836764)  
[87] (2836764)  
[22] 2013-12-16  
[30] JP (JP2012-275150) 2012-12-17

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[13] C

[51] **Int.Cl. E01D 19/00 (2006.01) E01D 19/02 (2006.01) E02D 27/32 (2006.01) E04C 3/34 (2006.01)**  
[25] EN  
[54] **MODULAR COVER FOR SUPPORT COLUMN**  
[54] **COUVERCLE MODULAIRE POUR COLONNE DE SOUTIEN**  
[72] HABODASZ, ANTHONY, US  
[73] HABODASZ, ANTHONY, US  
[86] (2838131)  
[87] (2838131)  
[22] 2013-12-30  
[30] US (61/747,635) 2012-12-31  
[30] US (61/913,618) 2013-12-09

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[13] C

[51] **Int.Cl. B60B 33/02 (2006.01) B60B 33/00 (2006.01)**  
[25] EN  
[54] **ROLLER**  
[54] **ENSEMBLE ROUE A PIVOT**  
[72] HOFRICHTER, GUNTHER, DE  
[72] PLAUTZ, KARL-HEINZ, DE  
[72] HEIN, GEORG, DE  
[73] TENTE GMBH & CO. KG, DE  
[85] 2013-12-10  
[86] 2012-06-01 (PCT/EP2012/060388)  
[87] (WO2012/171814)  
[30] DE (10 2011 051 068.0) 2011-06-15  
[30] DE (10 2011 052 693.5) 2011-08-12  
[30] DE (10 2011 055 418.1) 2011-11-16

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[11] **2,840,331**  
[13] C

[51] **Int.Cl. C10G 21/16 (2006.01) C07C 47/127 (2006.01)**  
[25] EN  
[54] **ADDITIVE AND METHOD FOR REMOVAL OF CALCIUM FROM CRUDE OILS CONTAINING CALCIUM NAPHTHENATE**  
[54] **ADDITIF ET PROCEDE D'ELIMINATION DU CALCIUM DES HUILES CONTENANT DU NAPHTHENATE DE CALCIUM**  
[72] SUBRAMANIAM, MAHESH, IN  
[73] DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED, IN  
[85] 2013-12-23  
[86] 2012-06-26 (PCT/IN2012/000453)  
[87] (WO2013/024489)  
[30] IN (1885/MUM/2011) 2011-06-29

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[13] C  
[51] **Int.Cl. G01J 3/10 (2006.01) G01J 3/02 (2006.01) G01J 3/42 (2006.01) G01N 21/47 (2006.01)**  
[25] EN  
[54] **OPTICAL SPECTROMETER WITH UNDERFILLED FIBER OPTIC SAMPLE INTERFACE**  
[54] **SPECTROMETRE OPTIQUE AVEC INTERFACE D'ECHANTILLON DE FIBRE OPTIQUE SOUS-REMPLE**  
[72] ASHMEAD, DAMIAN W., US  
[72] DECK, FRANCIS J., US  
[73] THERMO ELECTRON SCIENTIFIC INSTRUMENTS LLC, US  
[85] 2014-01-03  
[86] 2012-05-31 (PCT/US2012/040219)  
[87] (WO2013/009404)  
[30] US (13/183,346) 2011-07-14

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[13] C  
[51] **Int.Cl. C01B 31/08 (2006.01) C09C 1/44 (2006.01)**  
[25] EN  
[54] **OPERATIONAL CONDITIONS AND METHOD FOR PRODUCTION OF HIGH QUALITY ACTIVATED CARBON**  
[54] **CONDITIONS OPERATOIRES ET PROCEDE DE PRODUCTION DE CHARBON ACTIF DE HAUTE QUALITE**  
[72] JONES, MICHAEL A., US  
[73] PNEUMATIC PROCESSING TECHNOLOGIES, LLC, US  
[85] 2014-01-13  
[86] 2012-07-18 (PCT/US2012/047232)  
[87] (WO2013/012941)  
[30] US (61/508,929) 2011-07-18

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[13] C  
[51] **Int.Cl. A46B 15/00 (2006.01) A61C 17/00 (2006.01)**  
[25] EN  
[54] **TOOTHBRUSH TISSUE CLEANSER**  
[54] **ELEMENT DE NETTOYAGE TISSULAIRE POUR BROUSSE A DENTS**  
[72] HOHLBEIN, DOUGLAS J., US  
[73] COLGATE-PALMOLIVE COMPANY, US  
[86] (2842174)  
[87] (2842174)  
[22] 2004-06-18  
[62] 2,800,233  
[30] US (10/601,106) 2003-06-20  
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[30] US (PCT/US03/29497) 2003-09-17  
[30] US (PCT/US03/30633) 2003-09-26

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[13] C  
[51] **Int.Cl. A61F 2/32 (2006.01)**  
[25] EN  
[54] **LINED FEMORAL CUP**  
[54] **COUPE FEMORALE REVETUE**  
[72] TERMANINI, ZAFER, US  
[73] HIP INNOVATION TECHNOLOGY LLC, US  
[85] 2014-01-20  
[86] 2012-07-18 (PCT/US2012/047164)  
[87] (WO2013/032589)  
[30] US (61/529,955) 2011-09-01

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[11] **2,842,484**  
[13] C  
[51] **Int.Cl. E04C 5/16 (2006.01)**  
[25] EN  
[54] **BAR CONNECTING APPARATUS**  
[54] **APPAREIL DE CONNEXION DE BARRES**  
[72] KODI, JON R., US  
[73] KODI KLIP CORPORATION, US  
[86] (2842484)  
[87] (2842484)  
[22] 2007-11-21  
[62] 2,701,308  
[30] US (60/860,434) 2006-11-21  
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[30] US (60/911,401) 2007-04-12  
[30] US (11/778,174) 2007-07-16

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[13] C  
[51] **Int.Cl. B01J 37/00 (2006.01) B01J 29/00 (2006.01) C07C 1/04 (2006.01) C10G 2/00 (2006.01)**  
[25] EN  
[54] **FISCHER-TROPSCH CATALYST ACTIVATION PROCEDURE**  
[54] **PROCEDURE D'ACTIVATION DE CATALYSEUR DE FISCHER-TROPSCH**  
[72] INGA, JUAN R., US  
[73] GI GASIFICATION INTERNATIONAL, S.A., PT  
[85] 2014-01-31  
[86] 2011-08-31 (PCT/US2011/049959)  
[87] (WO2012/166167)  
[30] US (13/117,879) 2011-05-27

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[13] C  
[51] **Int.Cl. B01L 3/14 (2006.01) G01N 1/00 (2006.01) G01N 33/48 (2006.01) G01N 35/02 (2006.01) G01N 35/10 (2006.01) B01L 9/06 (2006.01)**  
[25] EN  
[54] **VIALS AND APPARATUS FOR OBTAINING AN ALIQUOT OF A SAMPLE**  
[54] **FLACONS ET APPAREIL DESTINES A L'OBTENTION D'UNE PARTIE ALIQUOTE D'UN ECHANTILLON**  
[72] SAKAL, ROBERT, US  
[72] WATTS, HAL, US  
[72] SCAMPINI, STEVEN A., US  
[73] CYTYC CORPORATION, US  
[86] (2845085)  
[87] (2845085)  
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[62] 2,666,387  
[30] US (11/563,639) 2006-11-27

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[13] C

[51] **Int.Cl. B65B 69/00 (2006.01) A01F 25/00 (2006.01) B65G 65/34 (2006.01) B65H 19/22 (2006.01) B65H 67/04 (2006.01)**

[25] EN  
[54] **GRAIN BAG WINDER**  
[54] **ENROULEUSE A SACS DE GRAIN**  
[72] WIERENGA, LAMBERT, CA  
[73] NEERALTA MANUFACTURING INC., CA  
[86] (2845349)  
[87] (2845349)  
[22] 2014-03-11  
[30] US (61/777, 501) 2013-03-12  
[30] US (61/908,976) 2013-11-26

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[11] **2,845,983**  
[13] C

[51] **Int.Cl. C10G 1/04 (2006.01) B01D 21/00 (2006.01) B03B 9/02 (2006.01)**

[25] EN  
[54] **LEAN FROTH PROCESS FOR OIL SANDS PROCESSING**  
[54] **PROCEDE DE PRODUCTION DE MOUSSE EPURE POUR LE TRAITEMENT DES SABLES BITUMINEUX**  
[72] WEN, MICHAEL Y., US  
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US  
[86] (2845983)  
[87] (2845983)  
[22] 2014-03-13

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[11] **2,846,002**  
[13] C

[51] **Int.Cl. C08L 97/00 (2006.01) B27N 3/04 (2006.01) B27N 3/08 (2006.01) C08J 3/20 (2006.01) C08K 3/22 (2006.01) C08K 5/21 (2006.01)**

[25] EN  
[54] **LIQUID KRAFT LIGNIN COMPOSITIONS**  
[54] **COMPOSITIONS DE LIGNINE KRAFT LIQUIDE**  
[72] WINTEROWD, JACK G., US  
[73] WEYERHAEUSER NR COMPANY, US  
[86] (2846002)  
[87] (2846002)  
[22] 2014-03-12  
[30] US (13/853,938) 2013-03-29

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[11] **2,846,915**  
[13] C

[51] **Int.Cl. E04C 1/00 (2006.01) E02D 29/02 (2006.01)**

[25] EN  
[54] **IRREGULAR TRAPEZOIDAL BUILDING UNIT AND WALL STRUCTURE INCLUDING SAME**  
[54] **UNITE DE BATIMENT TRAPEZOIDALE IRREGULIERE ET STRUCTURE MURALE COMPRENANT CELLE-CI**  
[72] RICCOBENE, THOMAS S., US  
[72] MACDONALD, ROBERT A., US  
[73] KEYSTONE RETAINING WALL SYSTEMS LLC, US  
[86] (2846915)  
[87] (2846915)  
[22] 2014-03-14  
[30] US (61/788,855) 2013-03-15

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[11] **2,846,949**  
[13] C

[51] **Int.Cl. A01G 1/08 (2006.01) E01C 5/00 (2006.01) E01C 9/00 (2006.01) E01C 11/22 (2006.01) E04C 1/00 (2006.01)**

[25] EN  
[54] **TWISTED BLOCK FOR PAVING AND EDGING**  
[54] **BLOC TORSADE POUR PAVAGE ET BORDURE**  
[72] RICCOBENE, THOMAS S., US  
[72] MACDONALD, ROBERT A., US  
[73] KEYSTONE RETAINING WALL SYSTEMS LLC, US  
[86] (2846949)  
[87] (2846949)  
[22] 2014-03-14  
[30] US (61/790,268) 2013-03-15

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[11] **2,847,500**  
[13] C

[51] **Int.Cl. A61M 5/315 (2006.01)**

[25] EN  
[54] **PLUNGER ROD WITH DOSE SETTING MEANS AND INJECTION DEVICE**  
[54] **TIGE DE PISTON AVEC MOYEN DE REGLAGE DE LA DOSE ET DISPOSITIF D'INJECTION**  
[72] GRUNHUT, GUILLAUME, FR  
[73] BECTON DICKINSON FRANCE, FR  
[85] 2014-03-04  
[86] 2012-09-14 (PCT/EP2012/068059)  
[87] (WO2013/037937)  
[30] EP (11306165.9) 2011-09-16

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[11] **2,848,383**  
[13] C

[51] **Int.Cl. E21B 33/138 (2006.01) E21B 47/26 (2012.01) C09K 8/42 (2006.01) C09K 8/516 (2006.01) C09K 8/70 (2006.01) C09K 8/76 (2006.01)**

[25] EN  
[54] **METHODS OF FLUID LOSS CONTROL, DIVERSION, AND SEALING USING DEFORMABLE PARTICULATES**  
[54] **PROCEDES DE REDUCTION DE PERTE DE FLUIDE, DE DEVIATION ET D'ETANCHEIFICATION UTILISANT DES MATIERES PARTICULAIRES DEFORMABLES**  
[72] LIANG, FENG, US  
[72] TODD, BRADLEY L., US  
[72] WELTON, THOMAS D., US  
[72] SAINI, RAJESH K., US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2014-03-10  
[86] 2012-09-13 (PCT/US2012/055100)  
[87] (WO2013/052252)  
[30] US (13/252,349) 2011-10-04

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[13] C

[51] **Int.Cl. B01D 1/00 (2006.01) B01D 19/00 (2006.01) H05B 6/00 (2006.01)**

[25] EN  
[54] **METHOD AND DEVICE FOR DISTILLING OR THICKENING FLUIDS**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE DISTILLER OU D'EPAISSIR DES FLUIDES**  
[72] APIECIONEK, ROBERT, PL  
[72] CIOSKA, TOMASZ, PL  
[73] PLAZMATRONIKA NT SP. Z.O.O., PL  
[85] 2014-03-28  
[86] 2013-02-15 (PCT/PL2013/000018)  
[87] (WO2013/122490)  
[30] PL (P-398120) 2012-02-15

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[13] C

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[25] EN  
[54] **PRESSURE FOOT OFFSET NOSE  
PIECE**  
[54] **PIECE DE NEZ DECALEE A  
PRESSION DU PIED**  
[72] RUSSELL, DON S., US  
[73] THE BOEING COMPANY, US  
[86] (2850751)  
[87] (2850751)  
[22] 2014-04-29  
[30] US (13/934,158) 2013-07-02

[11] 2,850,871  
[13] C

- [51] **Int.Cl. H01R 4/28 (2006.01) H02S  
40/34 (2014.01) H01R 4/30 (2006.01)  
H01R 4/38 (2006.01) H01R 4/44  
(2006.01) H01R 4/66 (2006.01)**  
[25] EN  
[54] **GROUNDING AND BONDING  
BRACKET**  
[54] **SUPPORT DE MISE A LA TERRE  
ET DE LIAISON**  
[72] MAGNO, JOEY D., US  
[73] THOMAS & BETTS  
INTERNATIONAL, LLC, US  
[86] (2850871)  
[87] (2850871)  
[22] 2014-05-01  
[30] US (61/819,140) 2013-05-03  
[30] US (14/264,535) 2014-04-29

[11] 2,851,393  
[13] C

- [51] **Int.Cl. B64D 15/00 (2006.01) B64D  
15/20 (2006.01) B64D 15/22 (2006.01)**  
[25] EN  
[54] **SUPERCOOLED LARGE DROP  
ICING CONDITION DETECTION  
SYSTEM**  
[54] **SYSTEME DE DETECTION D'UNE  
CONDITION DE GIVRAGE A  
GROSSES GOUTTES  
SURFONDUES**  
[72] MEIS, CHARLES S., US  
[72] BOSETTI, CRIS K., US  
[73] THE BOEING COMPANY, US  
[85] 2014-04-07  
[86] 2012-11-26 (PCT/US2012/066515)  
[87] (WO2013/103453)  
[30] US (13/344,144) 2012-01-05

[11] 2,851,756  
[13] C

- [51] **Int.Cl. A63B 67/00 (2006.01) B63B  
35/73 (2006.01) A63B 4/00 (2006.01)**  
[25] EN  
[54] **ARTIFICIAL SPORT LOG**  
[54] **BILLE DE SPORT ARTIFICIELLE**  
[72] HOESCHLER, JAY F., US  
[72] HOESCHLER, JUDITH L., US  
[72] HOESCHLER, ABIGAE A., US  
[73] HOESCHLER, JAY F., US  
[73] HOESCHLER, JUDITH L., US  
[73] HOESCHLER, ABIGAE A., US  
[86] (2851756)  
[87] (2851756)  
[22] 2014-05-15  
[30] US (14/012,193) 2013-08-28

[11] 2,852,095  
[13] C

- [51] **Int.Cl. E21F 11/00 (2006.01)**  
[25] EN  
[54] **CHANGE OVER STATION AND  
METHOD**  
[54] **STATION DE TRANSITION ET  
PROCEDE**  
[72] MAUST, DAVID EMERSON, US  
[72] MURRAY, KYLE R., US  
[72] REINMANN, JOHN J., JR., US  
[73] STRATA PRODUCTS WORLDWIDE,  
LLC, US  
[86] (2852095)  
[87] (2852095)  
[22] 2014-05-22  
[30] US (61/827,348) 2013-05-24

[11] 2,853,717  
[13] C

- [51] **Int.Cl. G06F 21/44 (2013.01) G06F  
21/73 (2013.01) G06F 21/76 (2013.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS OF  
DEVICE AUTHENTICATION  
INCLUDING FEATURES OF  
CIRCUIT TESTING AND  
VERIFICATION IN CONNECTION  
WITH KNOWN BOARD  
INFORMATION**  
[54] **SYSTEMES ET PROCEDES  
D'AUTHENTIFICATION DE  
DISPOSITIF COMPRENANT DES  
FONCTIONS D'ESSAI ET DE  
VERIFICATION DE CIRCUIT EN  
RAPPORT AVEC DES  
INFORMATIONS DE CARTE  
CONNUES**  
[72] LA FEVER, GEORGE BERNARD, US  
[72] FLAUM, ISER B., US  
[73] ELECTRONIC WARFARE  
ASSOCIATES, INC., US  
[85] 2014-04-25  
[86] 2012-10-26 (PCT/US2012/062121)  
[87] (WO2013/063393)  
[30] US (61/552,074) 2011-10-27

[11] 2,853,779  
[13] C

- [51] **Int.Cl. A61K 38/21 (2006.01) A61K  
31/365 (2006.01) A61P 21/00 (2006.01)  
A61P 25/28 (2006.01)**  
[25] EN  
[54] **COMBINED THERAPY WITH  
INTERFERON AND  
ANDROGRAPHOLIDES FOR  
MULTIPLE SCLEROSIS**  
[54] **THERAPIE DE LUTTE CONTRE  
LA SCLEROSE EN PLAQUES  
COMPRENANT UNE  
COMBINAISON D'INTERFERON  
ET D'ANDROGRAPHOLIDES**  
[72] HANCKE OROZCO, JUAN L., CL  
[72] BURGOS, RAFAEL, CL  
[73] INNOBIOSCIENCE, LLC, US  
[73] HANCKE OROZCO, JUAN L., CL  
[73] BURGOS, RAFAEL, CL  
[85] 2014-04-08  
[86] 2012-12-19 (PCT/US2012/070568)  
[87] (WO2013/096423)  
[30] US (61/578,650) 2011-12-21

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[13] C

[51] **Int.Cl. F02K 3/06 (2006.01) F02C 3/113 (2006.01) F02C 7/36 (2006.01) F02K 3/072 (2006.01)**

[25] EN

[54] **GEARED TURBOFAN GAS TURBINE ENGINE ARCHITECTURE**

[54] **ARCHITECTURE D'UN MOTEUR A TURBINE A GAZ A TURBOREACTEUR A DOUBLE FLUX ET A ENGRENAGE**

[72] KUPRATIS, DANIEL BERNARD, US

[72] SCHWARZ, FREDERICK M., US

[73] UNITED TECHNOLOGIES CORPORATION, US

[85] 2014-04-29

[86] 2013-01-29 (PCT/US2013/023559)

[87] (WO2013/169316)

[30] US (13/363,154) 2012-01-31

[30] US (61/653,745) 2012-05-31

[30] US (13/645,606) 2012-10-05

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[11] **2,854,275**  
[13] C

[51] **Int.Cl. H04L 12/16 (2006.01) G06Q 50/30 (2012.01)**

[25] EN

[54] **SERVER-SIDE RATE-LIMITING ALGORITHMS FOR PIGGYBACKING SOCIAL UPDATES FOR MOBILE DEVICES**

[54] **ALGORITHMES DE LIMITATION DE DEBIT COTE SERVEUR POUR SUPERPOSER DES MISES A JOUR SOCIALES POUR DES DISPOSITIFS MOBILES**

[72] TOKSVIG, MICHAEL JOHN MCKENZIE, US

[72] PAPAHIPOS, MATTHEW NICHOLAS, US

[73] FACEBOOK, INC., US

[85] 2014-05-01

[86] 2012-10-15 (PCT/US2012/060229)

[87] (WO2013/066611)

[30] US (13/290,000) 2011-11-04

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[11] **2,854,705**  
[13] C

[51] **Int.Cl. H04N 19/52 (2014.01) H04N 19/137 (2014.01) H04N 19/17 (2014.01) H04N 19/174 (2014.01) H04N 19/182 (2014.01)**

[25] EN

[54] **VIDEO PREDICTION ENCODING DEVICE, VIDEO PREDICTION ENCODING METHOD, VIDEO PREDICTION ENCODING PROGRAM, VIDEO PREDICTION DECODING DEVICE, VIDEO PREDICTION DECODING METHOD, AND VIDEO PREDICTION DECODING PROGRAM**

[54] **DISPOSITIF DE CODAGE VIDEO PAR PREDICTION, PROCEDE DE CODAGE VIDEO PAR PREDICTION, PROGRAMME DE CODAGE VIDEO PAR PREDICTION, DISPOSITIF DE DECODAGE VIDEO PAR PREDICTION, PROCEDE DE DECODAGE VIDEO PAR PREDICTION ET PROGRAMME DE DECODAGE VIDEO PAR PREDICTION**

[72] SUZUKI, YOSHINORI, JP

[72] BOON, CHOONG SENG, JP

[73] NTT DOCOMO, INC., JP

[85] 2014-05-06

[86] 2012-09-25 (PCT/JP2012/074575)

[87] (WO2013/069384)

[30] JP (2011-243490) 2011-11-07

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[11] **2,854,938**  
[13] C

[51] **Int.Cl. B65D 85/10 (2006.01) B65D 5/66 (2006.01)**

[25] EN

[54] **PACKAGE OF SMOKING ARTICLES WITH A SLIDING OPENING AND A HINGED LID**

[54] **EMBALLAGE D'ARTICLES A FUMER DOTE D'UNE OUVERTURE COULISSANTE ET UN COUVERCLE ARTICULE**

[72] PETRUCCI, LUCA, IT

[72] SQUARZONI, MICHELE, IT

[73] JAPAN TOBACCO INC., JP

[85] 2014-05-07

[86] 2012-11-08 (PCT/IB2012/056261)

[87] (WO2013/068959)

[30] IT (BO2011A000635) 2011-11-08

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[11] **2,854,978**  
[13] C

[51] **Int.Cl. B26D 7/08 (2006.01) B26D 5/00 (2006.01) B26D 1/00 (2006.01)**

[25] EN

[54] **ULTRASOUND CUTTING DEVICE**

[54] **DISPOSITIF DE COUPE A ULTRASONS**

[72] KISING, JURGEN, CH

[73] ARTECH ULTRASONIC SYSTEMS AG, CH

[85] 2014-05-08

[86] 2012-11-09 (PCT/EP2012/004663)

[87] (WO2013/068123)

[30] DE (10 2011 118 208.3) 2011-11-11

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[11] **2,855,313**  
[13] C

[51] **Int.Cl. H04B 1/7143 (2011.01) H04B 1/713 (2011.01)**

[25] EN

[54] **A METHOD AND APPARATUS FOR SPREADING SEQUENCE HOPPING IN CODE-MULTIPLEXED CONTROL CHANNELS**

[54] **PROCEDE ET APPAREIL DE SAUT DE SEQUENCE D'ETALEMENT DANS DES CANAUX DE COMMANDE A MULTIPLEXAGE PAR CODE**

[72] PARKVALL, STEFAN, SE

[72] CHENG, JUNG-FU, US

[72] WANG, YI-PIN ERIC, US

[73] LENOVO GROUP LIMITED, CN

[86] (2855313)

[87] (2855313)

[22] 2004-12-17

[62] 2,579,429

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[11] **2,855,413**  
[13] C

[51] **Int.Cl. E02D 27/42 (2006.01) E04H 12/22 (2006.01) E05B 73/00 (2006.01) H02G 3/02 (2006.01)**

[25] EN

[54] **ANTI-THEFT ASSEMBLY FOR INHIBITING THEFT OF CABLE FROM LIGHT POLES**

[54] **ENSEMBLE ANTIVOL POUR EMPECHER LE VOL DE CABLE DANS LES LAMPADAIRES**

[72] BANYI, ZOLTAN, CA

[72] BROCKMAN, TED, CA

[72] GIOSAN, IOAN, CA

[73] VALMONT WEST COAST ENGINEERING LTD., CA

[86] (2855413)

[87] (2855413)

[22] 2014-06-30

[30] US (13/951,204) 2013-07-25

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[11] **2,855,901**  
[13] C

[51] **Int.Cl. C07C 273/04 (2006.01)**

[25] EN

[54] **A PROCESS FOR SYNTHESIS OF UREA AND A RELATED ARRANGEMENT FOR A REACTION SECTION OF A UREA PLANT**

[54] **PROCEDE POUR LA SYNTHESE D'UREE ET AGENCEMENT S'Y RAPPORTANT POUR UNE SECTION DE REACTION D'UNE INSTALLATION DE PRODUCTION D'UREE**

[72] SIOLI, GIANCARLO, IT

[72] CAVUOTI, GIACOMO, CH

[73] CASALE SA, CH

[85] 2014-05-14

[86] 2012-11-15 (PCT/EP2012/072669)

[87] (WO2013/083378)

[30] EP (11192011.2) 2011-12-05

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[11] **2,856,675**  
[13] C

[51] **Int.Cl. C07D 309/12 (2006.01)**

[25] EN

[54] **PROSTAGLANDIN DERIVATIVES DERIVES DE PROSTAGLANDINE**

[72] HIRATA, RYU, JP

[72] MATSUKAWA, TATSUYA, JP

[72] MASUZAKI, KAZUHIRO, JP

[72] UENO, RYUJI, JP

[73] R-TECH UENO, LTD., JP

[73] SUCAMPO AG, CH

[86] (2856675)

[87] (2856675)

[22] 2007-02-06

[62] 2,819,844

[30] US (60/765,728) 2006-02-07

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[11] **2,856,894**  
[13] C

[51] **Int.Cl. B65D 41/48 (2006.01) A61J 1/14 (2006.01) B65D 51/00 (2006.01)**

[25] FR

[54] **LOCKING DEVICE FOR A CAP**

[54] **DISPOSITIF DE VERROUILLAGE DE BOUCHON**

[72] CHANAS, QUENTIN, FR

[72] BELLE, GUILLAUME, FR

[73] A. RAYMOND ET CIE, FR

[85] 2014-05-23

[86] 2013-02-06 (PCT/EP2013/052273)

[87] (WO2013/120739)

[30] FR (12/51306) 2012-02-13

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[11] **2,858,965**  
[13] C

[51] **Int.Cl. C30B 25/10 (2006.01) C30B 25/16 (2006.01) C30B 25/20 (2006.01) C30B 29/04 (2006.01)**

[25] EN

[54] **SINGLE CRYSTAL CVD SYNTHETIC DIAMOND MATERIAL**

[54] **MATERIAU DIAMANT SYNTHETIQUE MONOCRISTALLIN FORME PAR CVD**

[72] DHILLON, HARPREET KAUR, GB

[72] TWITCHEN, DANIEL JAMES, US

[72] KHAN, RIZWAN UDDIN AHMAD, GB

[73] ELEMENT SIX TECHNOLOGIES LIMITED, GB

[85] 2014-06-11

[86] 2012-12-12 (PCT/EP2012/075237)

[87] (WO2013/087697)

[30] GB (1121642.1) 2011-12-16

[30] US (61/576,465) 2011-12-16

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[11] **2,860,777**  
[13] C

[51] **Int.Cl. E02F 9/28 (2006.01) E02F 3/40 (2006.01)**

[25] EN

[54] **ATTACHMENT OF WEAR MEMBER TO LIP OF EXCAVATION IMPLEMENT**

[54] **FIXATION D'UN ELEMENT D'USURE A UNE LEVRE D'UN OUTIL D'EXCAVATION**

[72] RUVANG, JOHN A., CA

[73] BLACK CAT BLADES LTD., CA

[85] 2014-07-07

[86] 2012-02-13 (PCT/US2012/024843)

[87] (WO2013/122561)

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[11] **2,861,876**  
[13] C

[51] **Int.Cl. G10L 17/20 (2013.01)**

[25] EN

[54] **SPEAKER AUTHENTICATION**

[54] **AUTHENTIFICATION DE LOCUTEUR**

[72] ZHANG, ZHENGYOU, US

[72] LIU, MING, US

[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US

[86] (2861876)

[87] (2861876)

[22] 2007-02-13

[62] 2,643,481

[30] US (11/358,302) 2006-02-20

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[11] **2,862,961**  
[13] C

[51] **Int.Cl. B66F 9/075 (2006.01) B62D 5/06 (2006.01) B66F 9/22 (2006.01)**

[25] EN

[54] **HYDRAULIC STEERING SYSTEM FOR FORKLIFT TRUCKS**

[54] **SYSTEME DE DIRECTION HYDRAULIQUE POUR CHARIOTS ELEVATEURS A FOURCHE**

[72] LANDOLL, DONALD R., US

[72] BEIKMANN, MEI A., US

[72] GIBSON, SHANNON W., US

[73] LANDOLL CORPORATION, US

[85] 2014-07-28

[86] 2012-01-27 (PCT/US2012/022949)

[87] (WO2013/112180)

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[11] **2,863,202**  
[13] C

[51] **Int.Cl. A22C 13/00 (2006.01) D04H 1/4382 (2012.01) D04H 3/147 (2012.01) B32B 5/26 (2006.01) B65D 65/40 (2006.01) B65D 85/50 (2006.01)**

[25] EN

[54] **SHEET FOR PACKAGING EDIBLE MEAT, AND CASING FOR PACKAGING EDIBLE MEAT**

[54] **FEUILLE D'EMBALLAGE DE VIANDE COMESTIBLE ET ETUI D'EMBALLAGE DE VIANDE COMESTIBLE**

[72] OKAMI, TAKEO, JP

[72] ITOSHIRO, HAJIME, JP

[72] OGI, YASUHIKO, JP

[72] KITO, HIDEKAZU, JP

[73] OCI CO., LTD., JP

[85] 2014-07-09

[86] 2013-05-23 (PCT/JP2013/064390)

[87] (WO2013/183456)

[30] JP (2012-128189) 2012-06-05

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[11] **2,863,625**  
[13] C

[51] **Int.Cl. C07D 407/10 (2006.01) A01N 43/08 (2006.01) C07D 407/14 (2006.01) C07D 409/14 (2006.01)**

[25] EN

[54] **DIHYDROFURAN AZETIDINE DERIVATIVES AS ANTIPARASITIC AGENTS**

[54] **DERIVES DE DIHYDROFURANE A SUBSTITUTION AZETIDINE EN TANT QU'AGENTS ANTIPARASITAIRES**

[72] CHUBB, NATHAN ANTHONY LOGAN, US

[72] VAILLANCOURT, VALERIE, US

[73] ZOETIS SERVICES LLC, US

[85] 2014-08-01

[86] 2013-01-29 (PCT/US2013/023662)

[87] (WO2013/116230)

[30] US (61/594,569) 2012-02-03

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[11] **2,863,738**  
[13] C

[51] **Int.Cl. B67D 3/02 (2006.01) A47K 5/12 (2006.01) B65D 25/38 (2006.01) B67D 3/00 (2006.01)**

[25] EN

[54] **SPLIT ENGAGEMENT FLANGE FOR SOAP DISPENSER PUMP PISTON**

[54] **BRIDE EN DEUX PIECES POUR PISTON A POMPE DE DISTRIBUTEUR A SAVON**

[72] OPHARDT, HEINER, CH

[72] JONES, ANDREW, CA

[73] OP-HYGIENE IP GMBH, CH

[86] (2863738)

[87] (2863738)

[22] 2007-06-22

[62] 2,592,728

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[11] **2,863,755**  
[13] C

[51] **Int.Cl. C22B 3/06 (2006.01) C01G 49/06 (2006.01) C22B 3/46 (2006.01) C22B 61/00 (2006.01)**

[25] EN

[54] **METHODS FOR PREPARING HEMATITE**

[54] **PROCEDES D'OBTENTION D'HEMATITE**

[72] BOUDREAULT, RICHARD, CA

[72] FOURNIER, JOEL, CA

[72] GAUTHIER, LAURY, CA

[73] ORBITE TECHNOLOGIES INC., CA

[86] (2863755)

[87] (2863755)

[22] 2012-06-04

[62] 2,834,356

[30] US (61/493,018) 2011-06-03

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[11] **2,864,243**  
[13] C

[51] **Int.Cl. B61F 1/08 (2006.01)**

[25] EN

[54] **ROLLING STOCK**

[54] **VEHICULE FERROVIAIRE**

[72] HAYASHI, KENTARO, JP

[72] NAKAO, KOJI, JP

[73] NIPPON SHARYO, LTD., JP

[85] 2014-08-06

[86] 2012-02-10 (PCT/JP2012/053046)

[87] (WO2013/118284)

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[11] **2,864,785**  
[13] C

[51] **Int.Cl. C02F 5/08 (2006.01) C02F 1/50 (2006.01) C02F 1/66 (2006.01) C02F 1/68 (2006.01)**

[25] EN

[54] **A COMPOSITION AND METHOD FOR WATER CONDITIONING**

[54] **UNE COMPOSITION ET UNE METHODE DE CONDITIONNEMENT DE L'EAU**

[72] TAYLOR, COLIN FRANK, CA

[73] SILK WATER SOLUTIONS INC., CA

[86] (2864785)

[87] (2864785)

[22] 2014-09-23

[30] US (14/490,360) 2014-09-18

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[11] **2,864,852**  
[13] C

[51] **Int.Cl. C10G 21/27 (2006.01)**

[25] EN

[54] **PROCESS FOR REMOVING NITROGEN FROM FUEL STREAMS WITH CAPROLACTAMIUM IONIC LIQUIDS**

[54] **PROCEDE D'ELIMINATION DE L'AZOTE DE COURANTS DE CARBURANT AVEC DES LIQUIDES IONIQUES A BASE DE CAPROLACTAMIUM**

[72] SERBAN, MANUELA, US

[72] LEVY, ALAN B., US

[72] TANG, LIHAO, US

[72] BHATTACHARYYA, ALAKANANDA, US

[73] UOP LLC, US

[85] 2014-08-15

[86] 2013-03-18 (PCT/US2013/032748)

[87] (WO2013/148387)

[30] US (13/429,596) 2012-03-26

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[11] **2,866,130**  
[13] C

[51] **Int.Cl. C22C 38/14 (2006.01) C21D 8/02 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01)**

[25] EN

[54] **HIGH-STRENGTH COLD-ROLLED STEEL SHEET AND METHOD FOR MANUFACTURING THE SAME**

[54] **FEUILLE D'ACIER LAMINEE A FROID A RESISTANCE ELEVEE ET SON PROCEDE DE FABRICATION**

[72] KAWABE, HIDETAKA, JP  
[72] YOKOTA, TAKESHI, JP  
[72] SUGIHARA, REIKO, JP  
[72] AIZAWA, SHIGEYUKI, JP  
[72] NAKAZATO, KAZUKI, JP  
[73] JFE STEEL CORPORATION, JP  
[85] 2014-09-02  
[86] 2013-02-28 (PCT/JP2013/001217)  
[87] (WO2013/132796)  
[30] JP (2012-050591) 2012-03-07

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[11] **2,869,411**  
[13] C

[51] **Int.Cl. A61L 2/22 (2006.01)**

[25] EN

[54] **COLD-MIST DECONTAMINATION UNIT AND METHOD OF OPERATING SAME**

[54] **UNITE DE DECONTAMINATION A BRUME FROIDE ET SON PROCEDE DE FONCTIONNEMENT**

[72] HILL, AARON L., US  
[72] MIELNIK, THADDEUS J., US  
[73] AMERICAN STERILIZER COMPANY, US  
[85] 2014-10-02  
[86] 2013-03-06 (PCT/US2013/029248)  
[87] (WO2013/169328)  
[30] US (61/645,254) 2012-05-10  
[30] US (13/779,958) 2013-02-28

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[11] **2,873,298**  
[13] C

[51] **Int.Cl. C12P 7/06 (2006.01) B01D 1/14 (2006.01) C10G 3/00 (2006.01) C10L 3/08 (2006.01) C12P 7/10 (2006.01) C12F 3/10 (2006.01)**

[25] EN

[54] **PROCESS FOR PRODUCING VOLATILE ORGANIC COMPOUNDS FROM BIOMASS MATERIAL**

[54] **PROCEDE DE PRODUCTION DE COMPOSES ORGANIQUES VOLATILS A PARTIR DE MATIERE DE BIOMASSE**

[72] RADTKE, COREY WILLIAM, US  
[72] HAMILTON, PHILLIP GUY, US  
[72] KREITMAN, KEITH MICHAEL, US  
[73] SHELL INTERNATIONALE RESEARCH MAARSCHAPPIJ B.V., NL  
[85] 2014-11-10  
[86] 2013-05-16 (PCT/US2013/041309)  
[87] (WO2013/173562)  
[30] US (61/648,109) 2012-05-17  
[30] US (61/786,844) 2013-03-15

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[11] **2,875,292**  
[13] C

[51] **Int.Cl. G06Q 50/06 (2012.01) G06Q 50/28 (2012.01)**

[25] EN

[54] **METHOD FOR LEVELING DELIVERY COUNTS**

[54] **PROCEDE DE MISE A NIVEAU DE VOLUMES DE LIVRAISONS**

[72] WADA, SHINJI, JP  
[72] DEKAMO, SHINGO, JP  
[73] NIPPON GAS CO., LTD., JP  
[85] 2014-12-01  
[86] 2013-06-07 (PCT/JP2013/003621)  
[87] (WO2013/183311)  
[30] JP (2012-130616) 2012-06-08

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[11] **2,875,464**  
[13] C

[51] **Int.Cl. F41F 7/00 (2006.01) B64D 7/08 (2006.01) B64F 1/04 (2006.01) F41F 3/042 (2006.01) F41F 3/073 (2006.01) F42B 30/00 (2006.01)**

[25] EN

[54] **DOCKING STATION FOR A ROCKET LAUNCH SYSTEM**

[54] **STATION D'ACCOSTAGE POUR UN SYSTEME DE LANCEMENT DE FUSEE**

[72] CHIN, HOWARD M., JM  
[72] CARRAHA, KIMBERLY A., US  
[73] CHIN, HOWARD M., JM  
[73] CARRAHA, KIMBERLY A., US  
[86] (2875464)  
[87] (2875464)  
[22] 2011-02-10  
[62] 2,789,506  
[30] US (61/337,645) 2010-02-11

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[11] **2,877,935**  
[13] C

[51] **Int.Cl. H04B 1/04 (2006.01) H04W 16/26 (2009.01) H04W 52/52 (2009.01) H04B 1/40 (2015.01) H04B 7/15 (2006.01)**

[25] EN

[54] **CONFIGURING SIGNAL BOOSTERS**

[54] **CONFIGURATION D'AMPLIFICATEURS DE SIGNAUX**

[72] VAN BUREN, VERNON A., US  
[72] ASHWORTH, CHRISTOPHER K., US  
[72] CLARK, JAMES COLIN, US  
[73] WILSON ELECTRONICS, LLC, US  
[86] (2877935)  
[87] (2877935)  
[22] 2015-01-14  
[30] US (14/166,246) 2014-01-28

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[11] **2,878,820**  
[13] C

[51] **Int.Cl. H04R 3/00 (2006.01) H04W 4/00 (2009.01) H04W 84/12 (2009.01) H04R 3/04 (2006.01) H04R 29/00 (2006.01)**

[25] EN

[54] **WIRELESS CONTROL AND CALIBRATION OF AUDIO SYSTEM**

[54] **COMMANDE SANS FIL ET ETALONNAGE DE SYSTEME AUDIO**

[72] RIGGI, GIUSEPPE, CA  
[72] BATCHVAROV, JELIAZKO S., CA  
[73] SONAVOX CANADA INC., CA  
[86] (2878820)  
[87] (2878820)  
[22] 2015-01-21  
[30] US (62/024796) 2014-07-15

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[11] **2,879,747**  
[13] C

[51] **Int.Cl. H04W 72/08 (2009.01) H04W 24/00 (2009.01) H04W 76/00 (2009.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR DATA TRANSPORTATION AND SYNCHRONIZATION BETWEEN MAC AND PHYSICAL LAYERS IN A WIRELESS COMMUNICATION SYSTEM**

[54] **PROCEDE ET DISPOSITIF DE TRANSPORT ET DE SYNCHRONISATION DE DONNEES ENTRE DES COUCHES DE CONTROLE D'ACCES AU SUPPORT ET DES COUCHES PHYSIQUES DANS UN SYSTEME DE COMMUNICATION SANSFIL**

[72] BEHAR, JACQUES, US  
[72] SAMAD, GARY LEE, JR., US  
[72] STANWOOD, KENNETH L., US  
[73] WI-LAN, INC., CA  
[86] (2879747)  
[87] (2879747)  
[22] 2000-10-26  
[62] 2,847,074  
[30] US (09/430,379) 1999-10-29

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[11] **2,879,858**  
[13] C

[51] **Int.Cl. H02H 3/22 (2006.01) H01C 7/12 (2006.01)**

[25] EN

[54] **VOLTAGE SURGE PROTECTOR HAVING A PRESSURE RELEASE MECHANISM**

[54] **DISPOSITIF DE PROTECTION CONTRE LA SURTENSION AVEC MECANISME DE LIBERATION DE PRESSION**

[72] PONCE VELEZ, MARCO ANTONIO, MX  
[72] TORRES NAVA, CLAUDIO, MX  
[73] MAPPEC MATERIALES-PRODUCTOS POLIMERICOS Y ELEMENTOS DE CONSTRUCCION, S. A. DE C. V., MX  
[85] 2015-01-22  
[86] 2012-08-01 (PCT/MX2012/000075)  
[87] (WO2013/019097)  
[30] MX (MX/a/2011/008109) 2011-08-01

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[11] **2,885,140**  
[13] C

[51] **Int.Cl. G01F 11/24 (2006.01) A01C 7/08 (2006.01) A01C 7/20 (2006.01)**

[25] EN

[54] **AGRICULTURAL AIR CART WITH PRODUCT FLOW CONTROL**

[54] **CHARIOT AGRICOLE AERIEN A CONTROLE D'ECOULEMENT DE PRODUIT**

[72] KOWALCHUK, TREVOR LAWRENCE, CA  
[72] TURNER, JACK DONALD, CA  
[72] ENGEL, GORDON ANTHONY, CA  
[73] CNH INDUSTRIAL CANADA, LTD., CA  
[86] (2885140)  
[87] (2885140)  
[22] 2011-09-29  
[62] 2,753,793  
[30] US (13/071,812) 2011-03-25

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[11] **2,885,609**  
[13] C

[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  
[73] 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

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[11] **2,890,988**  
[13] C

[51] **Int.Cl. H04N 19/124 (2014.01) H04N 19/115 (2014.01) H04N 19/119 (2014.01) H04N 19/30 (2014.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR ENCODING AND DECODING VIDEO, BASED ON THE HIERARCHICAL STRUCTURE OF CODING UNIT**

[54] **PROCEDE ET APPAREIL PERMETTANT DE CODER ET DE DECODER DE LA VIDEO SUR LABASE DE LA STRUCTURE HIERARCHIQUE D'UNE UNITE DE CODAGEE DE CODAGE**

[72] HAN, WOO-JIN, KR  
[72] MIN, JUNG-HYE, KR  
[72] KIM, IL-KOO, KR  
[73] SAMSUNG ELECTRONICS CO., LTD., KR  
[86] (2890988)  
[87] (2890988)  
[22] 2010-10-22  
[62] 2,777,584  
[30] KR (10-2009-0101191) 2009-10-23

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[11] **2,890,990**  
[13] C

[51] **Int.Cl. H04N 19/124 (2014.01) H04N 19/176 (2014.01) H04N 19/34 (2014.01) H04N 19/70 (2014.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR ENCODING AND DECODING VIDEO, BASED ON THE HIERARCHICAL STRUCTURE OF CODING UNIT**

[54] **PROCEDE ET APPAREIL PERMETTANT DE CODER ET DE DECODER DE LA VIDEO SUR LABASE DE LA STRUCTURE HIERARCHIQUE D'UNE UNITE DE CODAGE DE CODAGE**

[72] HAN, WOO-JIN, KR  
[72] MIN, JUNG-HYE, KR  
[72] KIM, IL-KOO, KR  
[73] SAMSUNG ELECTRONICS CO., LTD., KR

[86] (2890990)  
[87] (2890990)  
[22] 2010-10-22  
[62] 2,777,584  
[30] KR (10-2009-0101191) 2009-10-23

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[11] **2,890,991**  
[13] C

[51] **Int.Cl. H04N 19/124 (2014.01) H04N 19/119 (2014.01) H04N 19/134 (2014.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR ENCODING AND DECODING VIDEO, BASED ON THE HIERARCHICAL STRUCTURE OF CODING UNIT**

[54] **PROCEDE ET APPAREIL PERMETTANT DE CODER ET DE DECODER DE LA VIDEO SUR LABASE DE LA STRUCTURE HIERARCHIQUE D'UNE UNITE DE CODAGE DE CODAGE**

[72] HAN, WOO-JIN, KR  
[72] MIN, JUNG-HYE, KR  
[72] KIM, IL-KOO, KR  
[73] SAMSUNG ELECTRONICS CO., LTD., KR

[86] (2890991)  
[87] (2890991)  
[22] 2010-10-22  
[62] 2,777,584  
[30] KR (10-2009-0101191) 2009-10-23

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[11] **2,890,992**  
[13] C

[51] **Int.Cl. H04N 19/30 (2014.01) H04N 19/124 (2014.01) H04N 19/17 (2014.01) H04N 19/70 (2014.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR ENCODING AND DECODING VIDEO, BASED ON THE HIERARCHICAL STRUCTURE OF CODING UNIT**

[54] **METHODE ET APPAREIL DE CODAGE ET DE DECODAGE VIDEO, FONDES SUR LA STRUCTURE HIERARCHIQUE DE L'UNITE DE CODAGE**

[72] HAN, WOO-JIN, KR  
[72] MIN, JUNG-HYE, KR  
[72] KIM, IL-KOO, KR  
[73] SAMSUNG ELECTRONICS CO. LTD., KR

[86] (2890992)  
[87] (2890992)  
[22] 2010-10-22  
[62] 2,777,584  
[30] KR (10-2009-0101191) 2009-10-23

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[11] **2,892,876**  
[13] C

[51] **Int.Cl. C09K 8/72 (2006.01) C09K 8/528 (2006.01) C23F 15/00 (2006.01)**

[25] EN

[54] **USING SYNTHETIC ACID COMPOSITIONS AS ALTERNATIVES TO CONVENTIONAL ACIDS IN THE OIL AND GAS INDUSTRY**

[54] **UTILISATION DE COMPOSITIONS ACIDES SYNTHETIQUES COMME SOLUTIONS DE RECHANGE AUX ACIDES CLASSIQUES DANS L~INDUSTRIE DU PETROLE ET DU GAZ**

[72] PURDY, CLAY, CA  
[72] THATCHER, DARREN, CA  
[72] GARNER, JON, CA  
[72] ULMER, BRUCE, CA  
[73] FLUID ENERGY GROUP LTD., CA

[86] (2892876)  
[87] (2892876)  
[22] 2015-05-28  
[30] CA (2,852,705) 2014-05-30  
[30] CA (2,866,688) 2014-10-02

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[11] **2,894,374**  
[13] C

[51] **Int.Cl. B64D 31/00 (2006.01) H03K 19/007 (2006.01)**

[25] FR

[54] **REDUNDANT ELECTRIC CIRCUIT FOR CUTTING OFF THE POWER SUPPLY TO A PIECE OF EQUIPMENT**

[54] **CIRCUIT ELECTRIQUE REDONDE DE COUPURE DE L'ALIMENTATION ELECTRIQUE D'UN EQUIPEMENT**

[72] COURTEILLE, JEAN-MARIE, FR  
[72] VALETTE, PATRICK, FR  
[72] GUILLOT, FRANCOIS, FR  
[72] SCHINDLER, SONIA, FR  
[73] SAGEM DEFENSE SECURITE, FR

[85] 2015-06-11  
[86] 2013-12-11 (PCT/EP2013/076170)  
[87] (WO2014/090849)  
[30] FR (1261900) 2012-12-11

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[11] **2,894,385**  
[13] C

[51] **Int.Cl. C09K 15/30 (2006.01) B41C 1/10 (2006.01)**

[25] EN

[54] **LITHOGRAPHIC PRINTING PLATES PRECURSORS COMPRISING A RADIATION SENSITIVE IMAGEABLE LAYER WITH A CROSSLINKED SURFACE**

[54] **PRECURSEURS DE PLAQUES D'IMPRESSIION LITHOGRAPHIQUE COMPRENANT UNE COUCHE RECEPTRICE SENSIBLE AU RAYONNEMENT DOTE DE D'UNE SURFACE RETICULEE**

[72] NGUYEN, MY T., VN  
[72] NGUYEN, THANH-SANG, VN  
[72] LUU, THANH-DIEN, VN  
[72] KIEN, T. THUY-LINH, VN  
[73] MYLAN GROUP, VN

[86] (2894385)  
[87] (2894385)  
[22] 2015-06-15  
[30] US (62/014,815) 2014-06-20  
[30] US (62/031,904) 2014-08-01  
[30] WO (PCT/CA2015/050536) 2015-06-10

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[11] **2,894,792**  
[13] C

[51] **Int.Cl. C08L 11/00 (2006.01) B65G 15/32 (2006.01) C08K 5/02 (2006.01) C08K 5/098 (2006.01) C08L 7/00 (2006.01) C08L 9/00 (2006.01) C08L 93/04 (2006.01)**

[25] EN

[54] **RUBBER COMPOSITION AND CONVEYOR BELT**

[54] **COMPOSITION DE CAOUTCHOUC ET BANDE TRANSPORTEUSE**

[72] SASAKUMA, HIDEHIRO, JP

[73] THE YOKOHAMA RUBBER CO., LTD., JP

[85] 2015-06-11

[86] 2013-12-13 (PCT/JP2013/083526)

[87] (WO2014/092191)

[30] JP (2012-273701) 2012-12-14

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[11] **2,895,667**  
[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/00 (2006.01) C12M 1/34 (2006.01)**

[25] EN

[54] **LIGHT EMISSION MODIFIERS AND THEIR USES IN NUCLEIC ACID DETECTION, AMPLIFICATION AND ANALYSIS**

[54] **MODIFICATEURS DE L'EMISSION LUMINEUSE ET LEURS UTILISATIONS POUR LA DETECTION, L'AMPLIFICATION ET LE DOSAGE D'ACIDES NUCLEIQUES**

[72] GUPTA, AMAR, US

[72] WILL, STEPHEN GORDON, US

[73] F. HOFFMANN-LA ROCHE AG, CH

[86] (2895667)

[87] (2895667)

[22] 2006-06-27

[62] 2,549,671

[30] US (60/695,991) 2005-06-30

[30] US (60/696,253) 2005-06-30

[30] US (60/696,293) 2005-06-30

[30] US (60/696,303) 2005-06-30

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[11] **2,897,202**  
[13] C

[51] **Int.Cl. H04W 72/04 (2009.01) H04W 72/10 (2009.01) H04W 80/02 (2009.01) H04N 21/6371 (2011.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR DATA TRANSPORTATION AND SYNCHRONIZATION BETWEEN MAC AND PHYSICAL LAYERS IN A WIRELESS COMMUNICATION SYSTEM**

[54] **PROCEDE ET DISPOSITIF DE TRANSPORT ET DE SYNCHRONISATION DE DONNEES ENTRE DES COUCHES DE CONTROLE D'ACCES AU SUPPORT ET DES COUCHES PHYSIQUES DANS UN SYSTEME DE COMMUNICATION SANSFIL**

[72] BEHAR, JACQUES, US

[72] SAMAD, GARY LEE, JR., US

[72] STANWOOD, KENNETH L., US

[73] WI-LAN INC., CA

[86] (2897202)

[87] (2897202)

[22] 2000-10-26

[62] 2,879,747

[30] US (09/430,379) 1999-10-29

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[11] **2,897,372**  
[13] C

[51] **Int.Cl. A61M 1/34 (2006.01) A61M 1/36 (2006.01)**

[25] EN

[54] **ARTIFICIAL KIDNEY**

[54] **REIN ARTIFICIEL**

[72] HOUWEN, FRANCISCUS PETER, NL

[72] VAN MIDDENDORP, HENK, NL

[72] MUSTERS, JACOBUS CORNELIS, NL

[73] RELITECH B.V., NL

[86] (2897372)

[87] (2897372)

[22] 2008-06-16

[62] 2,690,785

[30] EP (07110290.9) 2007-06-14

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[11] **2,902,185**  
[13] C

[51] **Int.Cl. B65D 85/04 (2006.01)**

[25] EN

[54] **PACKAGE FOR HOSE COIL**

[54] **EMBALLAGE POUR UN ROULEAU DE TUYAU**

[72] TATIC, ALEKSANDAR, DE

[73] HUSQVARNA AB, SE

[85] 2015-08-31

[86] 2013-03-26 (PCT/EP2013/056352)

[87] (WO2014/154247)

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[11] **2,903,424**  
[13] C

[51] **Int.Cl. G06F 1/16 (2006.01)**

[25] EN

[54] **ADJUSTABLE PORTABLE DEVICE HOLDER**

[54] **MONTURE REGLABLE POUR DISPOSITIF PORTATIF**

[72] MINN, KENNETH Y., US

[72] YAO, DAVID E., US

[73] KENU INC., US

[85] 2015-08-31

[86] 2014-05-15 (PCT/US2014/038253)

[87] (WO2014/186609)

[30] US (13/897,062) 2013-05-17

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[11] **2,909,884**  
[13] C

[51] **Int.Cl. H04R 1/04 (2006.01)**

[25] EN

[54] **MULTI-MODE, WEARABLE, WIRELESS MICROPHONE**

[54] **MICROPHONE VESTIMENTAIRE MULTIMODE SANS FIL**

[72] KOSS, MICHAEL J., US

[72] BLAIR, NICK S., US

[72] PELLAND, MICHAEL J., US

[73] KOSS CORPORATION, US

[85] 2015-10-19

[86] 2014-05-28 (PCT/US2014/039743)

[87] (WO2014/200693)

[30] US (13/917,097) 2013-06-13

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[11] **2,911,494**  
[13] C

[51] **Int.Cl. A01G 9/00 (2006.01) A01G 9/02 (2006.01)**

[25] EN

[54] **ASSEMBLY FOR VERTICAL PLANT ARRAY**

[54] **DISPOSITIF DE RESEAU DE PLANTES VERTICAL**

[72] NELSON, MARK, CA

[73] NELSON, MARK, CA

[85] 2015-11-03

[86] 2015-07-28 (PCT/CA2015/050715)

[87] (2911494)

[30] US (62/031,313) 2014-07-31

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[11] **2,912,808**  
[13] C

[51] **Int.Cl. B09B 3/00 (2006.01) B03B 9/02 (2006.01)**

[25] EN

[54] **COMBINED TAILINGS DISPOSAL FOR MINERALS PROCESSES**

[54] **MISE AU REBUT DE RESIDUS COMBINES POUR DES PROCEDES MINERAUX**

[72] BRAUN, CHRIS, US

[72] GUPTA, VISHAL, US

[72] LAROS, TIMOTHY J., US

[72] WISDOM, TODD, US

[73] FLSMIDT A/S, DK

[85] 2015-11-18

[86] 2014-05-05 (PCT/US2014/036776)

[87] (WO2014/193605)

[30] US (61/828,003) 2013-05-28

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[11] **2,913,972**  
[13] C

[51] **Int.Cl. F16M 13/00 (2006.01)**

[25] EN

[54] **SPRING-LOADED CEILING MOUNT FOR A SECURITY CAMERA**

[54] **SUPPORT DE MONTAGE DE PLAFOND A RESSORT POUR UNE CAMERA DE SECURITE**

[72] MOHAN, SUDEEP, CA

[72] NEUFELD, MICHAEL SCOTT, CA

[72] YU, YAT SHUN (DAMIEN), CA

[73] AVIGILON CORPORATION, CA

[85] 2015-11-30

[86] 2013-06-10 (PCT/CA2013/050439)

[87] (WO2014/197964)

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[11] **2,914,188**  
[13] C

[51] **Int.Cl. G06K 9/62 (2006.01) G06T 7/00 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR COORDINATING BETWEEN IMAGE SENSORS**

[54] **PROCEDE ET SYSTEME DE COORDINATION ENTRE CAPTEURS D'IMAGE**

[72] GOLDMAN, BENNY, IL

[72] BERGMAN, IDO, IL

[73] ELBIT SYSTEMS LAND AND C4I LTD., IL

[85] 2015-12-01

[86] 2014-05-28 (PCT/IL2014/050480)

[87] (WO2014/195936)

[30] IL (226751) 2013-06-04

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[11] **2,917,179**  
[13] C

[51] **Int.Cl. F16M 13/02 (2006.01) F16M 13/00 (2006.01) G08B 13/196 (2006.01)**

[25] EN

[54] **SPRING-LOADED CEILING MOUNT FOR A SECURITY CAMERA**

[54] **SUPPORT DE MONTAGE DE PLAFOND A RESSORT POUR UNE CAMERA DE SECURITE**

[72] MOHAN, SUDEEP, CA

[72] NEUFELD, MICHAEL SCOTT, CA

[72] YU, YAT SHUN (DAMIEN), CA

[73] AVIGILON CORPORATION, CA

[86] (2917179)

[87] (2917179)

[22] 2013-06-10

[62] 2,913,972

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[21] **2,865,150**  
[13] A1  
[51] **Int.Cl. C02F 1/52 (2006.01) A01N 65/08 (2009.01) A01P 21/00 (2006.01) A01H 5/00 (2006.01)**  
[25] EN  
[54] **BIO PLANT SCIENCE FOR PRODUCTION OF MULTIPLE MEDICATIONS**  
[54] **SCIENCE D'INSTALLATION BIO POUR LA PRODUCTION DE PLUSIEURS MEDICAMENTS**  
[72] FICOCELLI, MIKE, CA  
[71] FICOCELLI, MIKE, CA  
[22] 2014-10-10  
[41] 2016-04-10

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[21] **2,866,923**  
[13] A1  
[51] **Int.Cl. C10G 1/04 (2006.01) C02F 1/00 (2006.01)**  
[25] EN  
[54] **METHODS FOR PROCESSING DILUTED BITUMEN FROTH OR FROTH TREATMENT TAILINGS**  
[54] **METHODES DE TRAITEMENT DE MOUSSE DE BITUME DILUEE OU DE RESIDUS DE TRAITEMENT DE MOUSSE**  
[72] COOK, CHARLES JONAS, CA  
[71] IMPERIAL OIL RESOURCES LIMITED, CA  
[22] 2014-10-10  
[41] 2016-04-10

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[21] **2,867,083**  
[13] A1  
[51] **Int.Cl. E21B 33/068 (2006.01) E21B 43/26 (2006.01)**  
[25] EN  
[54] **BALL CATCHER**  
[54] **ATTRAPE-BALLE**  
[72] GATES, WILLIAM, CA  
[72] SMITH, CAMERON, CA  
[72] WEBSTER, MATTHEW, CA  
[71] GATES, WILLIAM, CA  
[71] SMITH, CAMERON, CA  
[71] WEBSTER, MATTHEW, CA  
[22] 2014-10-10  
[41] 2016-04-10

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[21] **2,867,307**  
[13] A1  
[51] **Int.Cl. C06B 23/00 (2006.01) C06B 45/00 (2006.01)**  
[25] EN  
[54] **IMPROVEMENTS TO SOLID ELECTRICALLY CONTROLLED PROPELLANTS**  
[54] **AMELIORATIONS APORTEES AUX AGENTS DE SOUTENEMENT COMMANDES ELECTRIQUEMENT**  
[72] MCPHERSON, MICHAEL D., US  
[71] DIGITAL SOLID STATE PROPULSION, LLC, US  
[22] 2014-10-15  
[41] 2016-04-15

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[21] **2,867,357**  
[13] A1  
[51] **Int.Cl. C10G 1/04 (2006.01)**  
[25] EN  
[54] **METHODS FOR PROCESSING A BITUMINOUS FEED**  
[54] **PROCEDE DE TRAITEMENT DE MATIERE PREMIERE BITUMINEUSE**  
[72] ABEL, KEITH A., CA  
[72] ADEYINKA, OLUSOLA B., CA  
[72] OLDENBURG, PAUL D., US  
[72] BOHRA, LALIT K., US  
[71] IMPERIAL OIL RESOURCES LIMITED, CA  
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US  
[22] 2014-10-16  
[41] 2016-04-16

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[21] **2,867,370**  
[13] A1  
[51] **Int.Cl. B65D 83/44 (2006.01)**  
[25] EN  
[54] **SPRAY CAN**  
[54] **CONTENANT PULVERISATEUR**  
[72] FRANZ, WALTER, DE  
[72] SELING, KERSTIN, DE  
[71] THOMAS GMBH, DE  
[22] 2014-10-15  
[41] 2016-04-15

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[21] **2,867,405**  
[13] A1  
[51] **Int.Cl. G01J 3/42 (2006.01) B82Y 15/00 (2011.01) B82Y 35/00 (2011.01) G01J 3/44 (2006.01)**  
[25] EN  
[54] **NANOSPECTROSCOPY USING INTEGRATED ULTRA-HIGH QUALITY FACTOR MICROCAVITIES**  
[54] **NANOSPECTROSCOPIE EMPLOYANT DES MICROCAVITES INTEGREES PRESENTANT UN FACTEUR DE QUALITE ULTRA ELEVE**  
[72] LU, TAO, CA  
[71] LU, TAO, CA  
[22] 2014-10-10  
[41] 2016-04-10

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[21] **2,867,445**  
[13] A1  
[51] **Int.Cl. F16J 1/02 (2006.01) F04B 53/02 (2006.01)**  
[25] EN  
[54] **GUIDE FOR A RECIPROCATING BODY, WITH A LOW COEFFICIENT OF THERMAL EXPANSION**  
[54] **GUIDE DESTINE A UN CORPS A MOUVEMENT ALTERNATIF, AYANT UN FAIBLE COEFFICIENT DE DILATATION THERMIQUE**  
[72] BAROS, DAVOR, CA  
[72] COLEMAN, TIMOTHY S., CA  
[71] WESTPORT POWER INC., CA  
[22] 2014-10-10  
[41] 2016-04-10

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[13] A1

[51] **Int.Cl. F04B 47/12 (2006.01) E21B 43/12 (2006.01) F04B 53/00 (2006.01)**  
[25] EN  
[54] **CATASTROPHIC HIT INDICATOR FOR CATCHER IN PLUNGER GAS/FLUID LIFT SYSTEM FOR WELL OPERATIONS**  
[54] **INDICATEUR DE TOUCHER CATASTROPHIQUE POUR UNE UNITE DE CAPTURE D-UN MECANISME DE SOULEVEMENT DE PISTON GAZ/LIQUIDE DANS LES OPERATIONS DE PUIT**  
[72] MAERZ, STEPHEN, CA  
[72] VETTER, STEPHEN, CA  
[72] SUTTIPISETCHART, WATCHARIN, CA  
[71] 1069416 ALBERTA LTD., CA  
[22] 2014-10-14  
[41] 2016-04-14

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[21] **2,867,551**  
[13] A1

[51] **Int.Cl. A01G 31/02 (2006.01)**  
[25] EN  
[54] **ROTATING DRUM APPARATUS**  
[54] **DISPOSITIF DE TAMBOUR ROTATIF**  
[72] DUMONT, GILLES, CA  
[71] DUMONT, GILLES, CA  
[22] 2014-10-16  
[41] 2016-04-16

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[21] **2,867,731**  
[13] A1

[51] **Int.Cl. C07C 5/48 (2006.01) B01J 27/057 (2006.01)**  
[25] EN  
[54] **HIGH CONVERSION AND SELECTIVITY ODH PROCESS**  
[54] **PROCEDE DE DESHYDROGENATION OXYDATIVE A SELECTIVITE ET CONVERSION ELEVEES**  
[72] SIMANZHENKOV, VASILY, CA  
[72] GOODARZANIA, SHAHIN, CA  
[72] GAO, XIAOLIANG, CA  
[72] KUSTOV, LEONID MODESTOVICH, RU  
[72] KUCHEROV, ALEKSEY VICTOROVICH, RU  
[72] FINASHINA, ELENA DMITRIEVNA, RU  
[72] SERHAL, KAMAL ELIAS, CA  
[71] NOVA CHEMICALS CORPORATION, CA  
[22] 2014-10-15  
[41] 2016-04-15

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[21] **2,867,765**  
[13] A1

[51] **Int.Cl. G07C 9/00 (2006.01) G06F 21/62 (2013.01)**  
[25] EN  
[54] **A TRUSTLESS METHOD OF QUALIFYING AN INDIVIDUAL FOR ABSENCE OF MEDICAL SYMPTOMS AT A CHECKPOINT**  
[54] **UNE METHODE SANS CONFIRMATION DESTINEE A QUALIFIER UN INDIVIDU RELATIVEMENT A L'ABSENCE DE SYMPTOMES MEDICAUX A UN POSTE DE VERIFICATION**  
[72] SWABEY, JOHN W., CA  
[71] SWABEY, JOHN W., CA  
[22] 2014-10-15  
[41] 2016-04-15

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[21] **2,867,769**  
[13] A1

[51] **Int.Cl. F16K 3/26 (2006.01) F16K 21/04 (2006.01) F16K 31/58 (2006.01)**  
[25] EN  
[54] **SINGLE-OPENING PUMPING NOZZLE AND DIRECT-PRESSING DUAL-OPENING AUTOMATIC-SWITCHING PUMPING NOZZLE**  
[54] **BUSE DE POMPAGE A OUVERTURE SIMPLE ET BUSE DE POMPAGE A COMMUTATEUR D-OUVERTURE DOUBLE A PRESSION**  
[72] WANG, LOPIN, TW  
[71] BETO ENGINEERING AND MARKETING CO., LTD., TW  
[22] 2014-10-15  
[41] 2016-04-15

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[21] **2,867,780**  
[13] A1

[51] **Int.Cl. B60W 30/14 (2006.01)**  
[25] EN  
[54] **INERTIAL MILEAGE OPTIMIZATION**  
[54] **OPTIMISATION DE CONSOMMATION INERTIELLE**  
[72] OLDS, RALPH A., CA  
[71] OLDS, RALPH A., CA  
[22] 2014-10-15  
[41] 2016-04-15

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[21] **2,867,931**  
[13] A1

[51] **Int.Cl. H05B 37/02 (2006.01) F21S 10/02 (2006.01)**  
[25] EN  
[54] **ORNAMENTAL LIGHTING**  
[54] **ECLAIRAGE ORNEMENTAL**  
[72] ALTAMURA, STEVEN J., US  
[72] WERNER, CHRISTINE, US  
[71] SEASONAL SPECIALTIES, LLC, US  
[22] 2014-10-20  
[41] 2016-04-16  
[30] US (14/516,327) 2014-10-16

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[21] **2,867,966**  
 [13] A1

[51] **Int.Cl. A47C 16/02 (2006.01) A47B 83/04 (2006.01) A47B 97/00 (2006.01) A47C 7/50 (2006.01)**

[25] EN

[54] **HAMMOCK IN CONJUNCTION WITH DESK FOR FEET AND LEG RELAXATION**

[54] **HAMAC LIE A UN BUREAU SERVANT A DETENDRE LES PIEDS ET LES JAMBES**

[72] WOON, JI YONG, CA

[71] WOON, JI YONG, CA

[22] 2014-10-16

[41] 2016-04-16

[21] **2,867,967**  
 [13] A1

[51] **Int.Cl. E04F 13/07 (2006.01) E04F 13/24 (2006.01)**

[25] EN

[54] **BUILDING VENEER SYSTEM**

[54] **CONTREPLAQUE DE CONSTRUCTION**

[72] UNKNOWN, ZZ

[71] ATTEBERY, HAROLD C., US

[22] 2014-10-16

[41] 2016-04-16

[21] **2,868,198**  
 [13] A1

[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/12 (2006.01)**

[25] EN

[54] **HEAD ASSEMBLY FOR BREWING APPARATUS**

[54] **MECANISME DE COLONNE POUR APPAREIL DE BRASSAGE**

[72] HALE, ROBERT, CA

[71] HALE, ROBERT, CA

[22] 2014-10-23

[41] 2016-04-14

[30] US (14/514342) 2014-10-14

[21] **2,868,335**  
 [13] A1

[51] **Int.Cl. E04H 4/14 (2006.01) C08J 5/12 (2006.01) E04H 4/00 (2006.01)**

[25] EN

[54] **SEAMLESS POOL LINER AND METHOD OF MAKING THE SAME**

[54] **REVETEMENT INTERIEUR SANS COUTURE POUR PISCINE ET METHODE DE FABRICATION ASSOCIEE**

[72] BROOKS, HAROLD ALBERT, US

[72] CROWLEY, RONALD PETER, JR., US

[72] GEYMAN, MATHEW THOMAS, US

[72] AKSTULL, COREY JOSEPH, US

[71] LATHAM POOL PRODUCTS INC., US

[22] 2014-10-24

[41] 2016-04-13

[30] US (14/512,521) 2014-10-13

[21] **2,869,098**  
 [13] A1

[51] **Int.Cl. A47C 5/12 (2006.01) A47C 3/12 (2006.01) A47C 7/02 (2006.01)**

[25] EN

[54] **MOLDED CHAIR WITH INTEGRATED SUPPORT AND METHOD OF MAKING SAME**

[54] **CHAISE MOULEE DOTEE D'UN SUPPORT INTEGRE ET METHODE DE FABRICATION DE LADITE CHAISE**

[72] MEHAFFEY, DAVID, US

[72] ROLFS, JEREMY, US

[71] HNI TECHNOLOGIES INC., US

[22] 2014-10-30

[41] 2016-04-15

[30] US (14/515,340) 2014-10-15

[21] **2,869,669**  
 [13] A1

[51] **Int.Cl. A21D 10/02 (2006.01) A21C 13/00 (2006.01) B65B 25/16 (2006.01)**

[25] EN

[54] **DOUGH PRODUCT AND METHOD OF PACKAGING**

[54] **PRODUIT DE PATE ET METHODE DE CONDITIONNEMENT**

[72] BUCCELLATO, JIM T., US

[71] GENERAL MILLS, INC., US

[22] 2014-11-04

[41] 2016-04-15

[30] US (14/514,447) 2014-10-15

[21] **2,871,965**  
 [13] A1

[51] **Int.Cl. A47K 3/20 (2006.01) A47K 3/40 (2006.01) A47K 4/00 (2006.01)**

[25] EN

[54] **COMBINATION BATHTUB AND SHOWER BASE FACILITY**

[54] **INSTALLATION DE BAIN ET DOUCHE COMBINES**

[72] MASECCHIA, TONY, CA

[71] AQUABRASS INC., CA

[22] 2014-11-20

[41] 2016-04-15

[30] US (62/064.111) 2014-10-15

[21] **2,871,972**  
 [13] A1

[51] **Int.Cl. F24D 15/00 (2006.01) F23C 7/00 (2006.01)**

[25] EN

[54] **FLUID FUEL HEATER TO HEAT AIR AND A METHOD FOR OPERATING SAID HEATER**

[54] **DISPOSITIF DE CHAUFFAGE DE CARBURANT LIQUIDE DESTINE A CHAUFFER L'AIR ET UNE METHODE D'EXPLOITATION DUDIT DISPOSITIF DE CHAUFFAGE**

[72] GIARETTA, ENZO, IT

[72] MARCHIOTTO, STEFANO, IT

[72] TONIATO, GIUSEPPE, IT

[72] VERANI, STEFANO, IT

[71] MCS ITALY S.P.A., IT

[22] 2014-11-24

[41] 2016-04-16

[30] IT (MI2014A001796) 2014-10-16

[21] **2,872,075**  
 [13] A1

[51] **Int.Cl. A21D 10/04 (2006.01) A21D 2/16 (2006.01) A21D 8/02 (2006.01) A21D 8/04 (2006.01)**

[25] EN

[54] **BATTER COMPOSITIONS, PACKAGED BATTER PRODUCTS, AND RELATED METHODS**

[54] **COMPOSITIONS DE PATE, PRODUITS DE PATE EMBALLES ET METHODES ASSOCIEES**

[72] DOMINGUES, DAVID J., US

[71] GENERAL MILLS, INC., US

[22] 2014-11-25

[41] 2016-04-10

[30] US (14/511,952) 2014-10-10

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[21] **2,872,853**  
[13] A1

[51] **Int.Cl. A45B 3/00 (2006.01)**  
[25] EN  
[54] **PREDATOR-INTIMIDATING  
WALKING STICK**  
[54] **BATON DE MARCHE DESTINE A  
INTIMIDER UN PREDATEUR**  
[72] SPARKS, JAMES, US  
[71] SPARKS, JAMES, US  
[22] 2014-12-01  
[41] 2016-04-10  
[30] US (14/511,595) 2014-10-10

[21] **2,874,403**  
[13] A1

[51] **Int.Cl. F03G 7/10 (2006.01) F03G 3/00  
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[25] EN  
[54] **PERFECT ENERGY**  
[54] **ENERGIE PARFAITE**  
[72] WOODS, TIMOTHY JOHN, CA  
[71] WOODS, TIMOTHY JOHN, CA  
[22] 2014-10-16  
[41] 2016-04-16

[21] **2,887,490**  
[13] A1

[51] **Int.Cl. G10H 3/00 (2006.01) G10H  
1/34 (2006.01) F21V 33/00 (2006.01)  
G01V 8/20 (2006.01)**  
[25] EN  
[54] **ELECTRONIC INSTRUMENT AND  
METHOD FOR USING SAME**  
[54] **INSTRUMENT ELECTRONIQUE  
ET METHODE D'UTILISATION  
DUDIT INSTRUMENT**  
[72] MONSARRAT-CHANON, HAMI, CA  
[71] DIGIAUXINE, INC., CA  
[22] 2015-04-08  
[41] 2016-04-16

[21] **2,893,898**  
[13] A1

[51] **Int.Cl. B28D 5/00 (2006.01) G06F  
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[25] EN  
[54] **DIAMOND PROCESSING**  
[54] **TRAITEMENT DE DIAMANT**  
[72] ARIEL, AARON, CA  
[71] TRIFECTA INDUSTRIES LTD., CA  
[22] 2015-06-08  
[41] 2016-04-10  
[30] US (62/062,785) 2014-10-10

[21] **2,897,300**  
[13] A1

[51] **Int.Cl. G06F 3/0488 (2013.01) G06F  
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H03K 17/955 (2006.01)**  
[25] EN  
[54] **CAPACITIVE GESTURE  
RECOGNITION BOOK**  
[54] **LIVRET DE RECONNAISSANCE  
DE GESTES CAPACITIFS**  
[72] NGUYEN, MATHEW LONG, US  
[71] HALLMARK CARDS,  
INCORPORATED, US  
[22] 2015-07-14  
[41] 2016-04-16  
[30] US (14/516,132) 2014-10-16

[21] **2,898,530**  
[13] A1

[51] **Int.Cl. H01S 3/107 (2006.01) H01S  
3/094 (2006.01)**  
[25] EN  
[54] **LASER SYSTEM AND METHOD  
FOR CONTROLLING THE WAVE  
FRONT OF A LASER BEAM**  
[54] **APPAREIL LASER ET METHODE  
DESTINEE A CONTROLER LE  
FRONT D'ONDE D'UN FAISCEAU  
LASER**  
[72] KLENNERT, WADE LAWRENCE, US  
[71] THE BOEING COMPANY, US  
[22] 2015-07-24  
[41] 2016-04-10  
[30] US (14/511,865) 2014-10-10

[21] **2,898,543**  
[13] A1

[51] **Int.Cl. G08B 29/22 (2006.01) B64D  
45/00 (2006.01) G08B 17/10 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM TO  
ENABLE SELECTIVE SMOKE  
DETECTION SENSITIVITY**  
[54] **METHODE ET SYSTEME  
D'ACTIVATION DE SENSIBILITE  
DE DETECTION DE FUMEE**  
[72] MEIER, OLIVER C., US  
[71] THE BOEING COMPANY, US  
[22] 2015-07-27  
[41] 2016-04-12  
[30] US (14/512,447) 2014-10-12

[21] **2,899,621**  
[13] A1

[51] **Int.Cl. G07C 9/00 (2006.01) G06Q  
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[25] EN  
[54] **METHOD AND SYSTEM FOR  
INCREASING THE SAFETY IN  
THE BOARDING AREA AND FOR  
OPTIMISING USAGE OF THE  
CAPACITY IN TRANSPORT  
MEANS WHICH COMPRISE AT  
LEAST ONE LOCALLY FIXED  
BOARDING AREA**  
[54] **METHODE ET SYSTEME  
DESTINES A ACCROITRE LA  
SECURITE DANS LA ZONE  
D~EMBARQUEMENT ET A  
OPTIMISER L~USAGE DE LA  
CAPACITE DANS UN MOYEN DE  
TRANSPORT QUI COMPREND AU  
MOINS UNE ZONE  
D~EMBARQUEMENT FIXEE  
LOCALEMENT**  
[72] KOBLER, RICHARD, AT  
[72] HULAN, THOMAS, AT  
[71] SKIDATA AG, AT  
[22] 2015-08-06  
[41] 2016-04-14  
[30] EP (14188798.4) 2014-10-14

[21] **2,901,129**  
[13] A1

[51] **Int.Cl. G06Q 20/24 (2012.01) G06Q  
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[25] EN  
[54] **RETAIL CARD APPLICATION**  
[54] **DEMANDE DE CARTE DE CREDIT  
DE DETAILLANT**  
[72] NACK, DAVID, US  
[72] WALZ, JAMES, US  
[71] COMENITY LLC, US  
[22] 2015-08-20  
[41] 2016-04-16  
[30] US (14/515853) 2014-10-16

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[21] **2,901,857**  
 [13] A1

[51] **Int.Cl. G08B 17/04 (2006.01) G01L 7/06 (2006.01)**

[25] EN

[54] **PNEUMATIC DETECTOR ASSEMBLY WITH BELLOWS**

[54] **DISPOSITIF DETECTEUR PNEUMATIQUE DOTE DE SOUFFLETS**

[72] FRASURE, DAVID, US

[72] WALLACE, STEVEN, US

[72] STANDIFER, WILLIAM BRETT, US

[71] KIDDE TECHNOLOGIES, INC., US

[22] 2015-08-26

[41] 2016-04-16

[30] US (14/515,886) 2014-10-16

[21] **2,901,933**  
 [13] A1

[51] **Int.Cl. E04F 15/02 (2006.01) E04F 15/10 (2006.01)**

[25] EN

[54] **FLOORBOARD**

[54] **PANNEAU DE PLANCHER**

[72] LUO, SHENGLUAN, CN

[72] BI, JIANYONG, CN

[71] FUZHOU YILIDA WOOD INDUSTRY CO., LTD., CN

[22] 2015-08-26

[41] 2016-04-16

[30] CN (201420599260.0) 2014-10-16

[21] **2,901,994**  
 [13] A1

[51] **Int.Cl. E21B 47/009 (2012.01) E21B 47/008 (2012.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR REAL-TIME MONITORING OF DOWNHOLE PUMP CONDITIONS**

[54] **SYSTEMES ET METHODES DE SURVEILLANCE EN TEMPS REEL D'ETATS DE POMPE EN FOND DE TROU**

[72] DACUNHA, JEFFREY J., US

[71] HENRY RESEARCH AND DEVELOPMENT, US

[22] 2015-08-28

[41] 2016-04-10

[30] US (62/062,543) 2014-10-10

[30] US (14/827,559) 2015-08-17

[21] **2,903,810**  
 [13] A1

[51] **Int.Cl. G01N 27/00 (2006.01) G01R 31/12 (2006.01)**

[25] EN

[54] **INSPECTION DEVICE**

[54] **DISPOSITIF D'INSPECTION**

[72] ITOH, YUSUKE, JP

[72] YOSHIKAWA, HIROO, JP

[72] TSUBOSAKA, KENJI, JP

[72] NOGUCHI, TETSUO, JP

[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP

[22] 2015-09-10

[41] 2016-04-14

[30] JP (2014-209771) 2014-10-14

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 [13] A1

[51] **Int.Cl. H01M 8/04111 (2016.01) H01M 8/04119 (2016.01)**

[25] EN

[54] **FUEL CELL SYSTEM**

[54] **DISPOSITIF DE PILE A COMBUSTIBLE**

[72] MATSUBARA, YASUO, JP

[72] UYAHARA, KENJI, JP

[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP

[22] 2015-09-10

[41] 2016-04-16

[30] JP (2014-211328) 2014-10-16

[21] **2,903,815**  
 [13] A1

[51] **Int.Cl. H01M 2/16 (2006.01) H01M 8/02 (2016.01)**

[25] EN

[54] **WATER-REPELLENT LAYER AND FUEL CELL**

[54] **COUCHE HYDROFUGE ET PILE A COMBUSTIBLE**

[72] NAKANISHI, JUNJI, JP

[72] YOSHIKAWA, HIROO, JP

[72] TSUBOSAKA, KENJI, JP

[72] SAITO, TAKEAKI, JP

[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP

[22] 2015-09-10

[41] 2016-04-14

[30] JP (2014-209770) 2014-10-14

[21] **2,904,076**  
 [13] A1

[51] **Int.Cl. A23C 19/076 (2006.01) A23C 19/09 (2006.01)**

[25] EN

[54] **FILLED CHEESE PRODUCT**

[54] **PRODUIT DE FROMAGE FOURRE**

[72] KEMPTER, KLAUS, DE

[72] MARDER, UWE, DE

[71] KRAFT FOODS R&D, INC., US

[22] 2015-09-11

[41] 2016-04-13

[30] GB (1418075.6) 2014-10-13

[21] **2,904,309**  
 [13] A1

[51] **Int.Cl. F01D 11/20 (2006.01) F01D 25/24 (2006.01)**

[25] EN

[54] **AXIAL TURBOMACHINE COMPRESSOR EXTERNAL CASING WITH SEAL**

[54] **ENVELOPPE EXTERNE DE COMPRESSEUR DE TURBOMACHINE AXIALE DOTE D-UN JOINT**

[72] CORTEQUISSE, JEAN-FANCOIS, BE

[72] MINOT, PHILIPPE, BE

[71] TECHSPACE AERO S.A., BE

[22] 2015-09-15

[41] 2016-04-10

[30] BE (2014/0742) 2014-10-10

[21] **2,904,549**  
 [13] A1

[51] **Int.Cl. G03B 17/08 (2006.01)**

[25] EN

[54] **UNDERWATER CAMERA**

[54] **CAMERA SOUS-MARINE**

[72] SUNG, SEUK KYUNG, KR

[71] GREEN TECH CO., LTD., KR

[22] 2015-09-16

[41] 2016-04-16

[30] KR (10-2014-0139998) 2014-10-16

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[13] A1

[51] **Int.Cl. E21B 33/08 (2006.01) E21B 21/02 (2006.01)**  
[25] EN  
[54] **DRILL WASH DEVICE WITH PRE-MOUNTED EXCHANGE INSERT**  
[54] **DISPOSITIF DE LESSIVAGE DE TREPAN DOTE D'UNE INSERTION D'ECHANGE PRE INSTALLEE**  
[72] GLAWION, MICHAEL, DE  
[72] LANG, KLAUS, DE  
[72] HOFMANN, JENS, DE  
[72] JOHANNES, ROLF, DE  
[71] EAGLEBURGMANN GERMANY GMBH & CO. KG, DE  
[22] 2015-09-16  
[41] 2016-04-16  
[30] DE (102014221043.7) 2014-10-16

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[21] **2,904,708**  
[13] A1

[51] **Int.Cl. E21B 33/08 (2006.01) E21B 17/02 (2006.01)**  
[25] EN  
[54] **PRE-MOUNTED EXCHANGE INSERT OF A DRILL WASH DEVICE**  
[54] **INSERTION D'ECHANGE PRE INSTALLEE POUR DISPOSITIF DE LESSIVAGE DE TREPAN**  
[72] GLAWION, MICHAEL, DE  
[72] LANG, KLAUS, DE  
[72] HOFMANN, JENS, DE  
[72] JOHANNES, ROLF, DE  
[72] WANNER, VOLKERT, DE  
[71] EAGLEBURGMANN GERMANY GMBH & CO. KG, DE  
[22] 2015-09-16  
[41] 2016-04-16  
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[21] **2,904,920**  
[13] A1

[51] **Int.Cl. G01M 15/02 (2006.01) G01M 15/14 (2006.01)**  
[25] EN  
[54] **INSULATING TEST ENGINE HOOD FOR A TURBINE ENGINE ON A TEST BENCH**  
[54] **CAPOT DE MOTEUR D'ESSAI ISOLANT POUR UNE TURBINE SUR UN BANC D-ESSAI**  
[72] TRAN, QUAC HUNG, BE  
[72] NOELMANS, AURORE, BE  
[72] CROES, PIERRE, BE  
[71] TECHSPACE AERO S.A., BE  
[22] 2015-09-23  
[41] 2016-04-15  
[30] BE (2014/0767) 2014-10-15

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[21] **2,904,999**  
[13] A1

[51] **Int.Cl. B01D 53/44 (2006.01) C10L 3/10 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR RECOVERING OFF-GASES FROM NATURAL GAS DEHYDRATOR**  
[54] **APPAREIL ET METHODE DE RECUPERATION DE GAZ ECHAPPE D'UN DESHYDRATATEUR DE GAZ NATUREL**  
[72] HILL, D. JEFFREY, US  
[72] HILL, J. SCOTT, US  
[71] HILL, D. JEFFREY, US  
[71] HILL, J. SCOTT, US  
[22] 2015-09-24  
[41] 2016-04-15  
[30] US (14/515,323) 2014-10-15

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[21] **2,905,022**  
[13] A1

[51] **Int.Cl. B23K 31/02 (2006.01) H01M 8/0297 (2016.01) H01M 2/14 (2006.01)**  
[25] EN  
[54] **METHOD OF WELDING POROUS BODY FLOW PATH**  
[54] **PROCEDE DE SOUDURE D'UN PARCOURS D'ECOULEMENT DE CORPS POREUX**  
[72] OKABE, HIROKI, JP  
[72] AOYAMA, MAKOTO, JP  
[72] ADACHI, HIROSHI, JP  
[72] KONDO, TAKASHI, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[22] 2015-09-18  
[41] 2016-04-14  
[30] JP (2014-209810) 2014-10-14

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[21] **2,905,139**  
[13] A1

[51] **Int.Cl. F01D 5/28 (2006.01)**  
[25] EN  
[54] **PARTIALLY COATED BLADE**  
[54] **LAME PARTIELLEMENT REVETUE**  
[72] PAPPLE, MICHAEL, CA  
[72] LECUYER, DANIEL, CA  
[71] PRATT & WHITNEY CANADA CORP., CA  
[22] 2015-09-18  
[41] 2016-04-15  
[30] US (14/514,697) 2014-10-15

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[21] **2,905,572**  
[13] A1

[51] **Int.Cl. B64C 19/00 (2006.01) B64C 27/02 (2006.01)**  
[25] FR  
[54] **CONTROL METHOD FOR THE DRIVE SPEED OF A ROTOR OF A ROTORCRAFT UNDER ICING CONDITIONS**  
[54] **METHODE DE REGULATION SONS CONDITIONS GIVRANTES DE LA VITESSE D'ENTRAINEMENT D'UN ROTOR DE GIRAVION**  
[72] LESCHI, ROBERT, FR  
[72] MUNZING, ANDREA, FR  
[71] AIRBUS HELICOPTERS, FR  
[22] 2015-09-22  
[41] 2016-04-14  
[30] FR (1402311) 2014-10-14

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[21] **2,905,578**  
[13] A1

[51] **Int.Cl. H02B 1/056 (2006.01)**  
[25] FR  
[54] **BREAKER PANEL**  
[54] **PANNEAU DE DISJONCTEURS**  
[72] MEUX, DOMINIQUE, FR  
[72] VILLE, FABIEN, FR  
[72] VERGNES, JEAN-MARIE, FR  
[71] CROUZET AUTOMATISMES, FR  
[22] 2015-09-23  
[41] 2016-04-13  
[30] FR (14 59 795) 2014-10-13

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[21] **2,905,642**  
 [13] A1

[51] **Int.Cl. H01M 4/90 (2006.01) H01M 4/88 (2006.01)**  
 [25] EN  
 [54] **METHOD OF MANUFACTURING ELECTRODE CATALYST LAYER FOR FUEL CELL, AND ELECTRODE CATALYST LAYER FOR FUEL CELL**  
 [54] **PROCEDE DE FABRICATION D'UNE COUCHE DE CATALYSEUR D'ELECTRODE POUR PILE A COMBUSTIBLE, ET COUCHE DE CATALYSEUR D'ELECTRODE POUR PILE A COMBUSTIBLE**  
 [72] NISHIDA, TSUNEMASA, JP  
 [72] YOSHIKAWA, HIROO, JP  
 [72] SUZUKI, NORIYUKI, JP  
 [72] HAMANO, MASATO, JP  
 [71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
 [22] 2015-09-25  
 [41] 2016-04-14  
 [30] JP (2014-209658) 2014-10-14

[21] **2,905,977**  
 [13] A1

[51] **Int.Cl. H02S 20/00 (2014.01) H02S 40/32 (2014.01)**  
 [25] EN  
 [54] **APPARATUS FOR MOUNTING PHOTOVOLTAIC MODULES**  
 [54] **APPAREIL D'INSTALLATION DE MODULES PHOTOVOLTAIQUES**  
 [72] MAYFIELD, JASON, US  
 [72] GANSCHAW, TODD, US  
 [72] GALLEGOS, ERNEST, US  
 [72] SCHUIT, NATHAN, US  
 [71] UNIRAC, INC., US  
 [22] 2015-09-24  
 [41] 2016-04-16  
 [30] US (14/515,990) 2014-10-16

[21] **2,906,012**  
 [13] A1

[51] **Int.Cl. G01P 5/165 (2006.01) B33Y 10/00 (2015.01) B22F 3/105 (2006.01) B64D 43/00 (2006.01) G01C 5/06 (2006.01) G01C 9/00 (2006.01)**  
 [25] EN  
 [54] **ONE-PIECE AIR DATA PROBE**  
 [54] **SONDE DE DONNEES AERODYNAMIQUES MONOPIECE**  
 [72] WENTLAND, WILLIAM LOUIS, US  
 [72] KARLEN, ERIC, US  
 [72] ANDERSON, MATTHEW P., US  
 [71] ROSEMOUNT AEROSPACE INC., US  
 [22] 2015-09-24  
 [41] 2016-04-15  
 [30] US (14/514,462) 2014-10-15

[21] **2,906,488**  
 [13] A1

[51] **Int.Cl. H01M 8/2483 (2016.01) H01M 2/30 (2006.01)**  
 [25] EN  
 [54] **FUEL CELL**  
 [54] **PILE A COMBUSTIBLE**  
 [72] KURIHARA, TAKUYA, JP  
 [71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
 [22] 2015-09-29  
 [41] 2016-04-14  
 [30] JP (2014-209749) 2014-10-14

[21] **2,906,490**  
 [13] A1

[51] **Int.Cl. H01M 8/04 (2016.01) F16L 9/14 (2006.01)**  
 [25] EN  
 [54] **HYDROGEN SUPPLY PIPING AND METHOD OF MANUFACTURING HYDROGEN SUPPLY PIPING**  
 [54] **TUYAUTERIE D'ALIMENTATION D'HYDROGENE ET PROCEDE DE FABRICATION DE TUYAUTERIE D'ALIMENTATION D'HYDROGENE**  
 [72] TAKESHITA, MASAHIRO, JP  
 [71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
 [22] 2015-09-29  
 [41] 2016-04-15  
 [30] JP (2014-210383) 2014-10-15

[21] **2,906,634**  
 [13] A1

[51] **Int.Cl. H02G 5/08 (2006.01)**  
 [25] EN  
 [54] **JOINT ASSEMBLY FOR A BUSDUCT**  
 [54] **DISPOSITIF DE RACCORD POUR CANIBAR**  
 [72] SHERIDAN, ADRIAN, AE  
 [72] MCCAULEY, DAMIAN, IE  
 [71] ELECTRICAL INTELLECTUAL PROPERTY LTD, IE  
 [22] 2015-09-30  
 [41] 2016-04-13  
 [30] GB (1418037.6) 2014-10-13

[21] **2,906,704**  
 [13] A1

[51] **Int.Cl. G01V 1/133 (2006.01) G01V 1/135 (2006.01) G01V 1/38 (2006.01)**  
 [25] EN  
 [54] **COMPLIANCE CHAMBERS FOR MARINE VIBRATORS**  
 [54] **CHAMBRES DE CONFORMITE POUR VIBRATEURS MARITIMES**  
 [72] KROLING, NILS GUNNAR OLOF, SE  
 [71] PGS GEOPHYSICAL AS, NO  
 [22] 2015-10-06  
 [41] 2016-04-15  
 [30] US (62/064,104) 2014-10-15  
 [30] US (14/723,241) 2015-05-27

[21] **2,906,797**  
 [13] A1

[51] **Int.Cl. A01K 67/033 (2006.01)**  
 [25] EN  
 [54] **PROTECTIVE DEVICE FOR ANIMAL BREEDING, SUCH AS THE BREEDING OF FISH, MUSSELS OR MOLLUSCS**  
 [54] **DISPOSITIF DE PROTECTION POUR REPRODUCTION ANIMALE, COMME LA REPRODUCTION DE POISSONS, MOULES OU MOLLUSQUES**  
 [72] DORNBIERER, URS, CH  
 [71] GEOBRUGG AG, CH  
 [22] 2015-10-02  
 [41] 2016-04-14  
 [30] CH (01590/14) 2014-10-14

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[21] **2,906,801**  
[13] A1

[51] **Int.Cl. B05B 15/12 (2006.01)**  
[25] EN  
[54] **A VARNISHING PLANT FOR BODY SHOPS**  
[54] **UNE INSTALLATION D'APPLICATION DE VERNI POUR ATELIERS DE CARROSSERIE**  
[72] FERRARA, SALVATORE, IT  
[71] FERRARA, SALVATORE, IT  
[22] 2015-10-02  
[41] 2016-04-13  
[30] IT (TO2014A000822) 2014-10-13

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[21] **2,907,159**  
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 15/18 (2006.01)**  
[25] EN  
[54] **SEGMENTATION DISCOVERY, EVALUATION AND IMPLEMENTATION PLATFORM**  
[54] **DECOUVERTE DE SEGMENTATION, EVALUATION ET PLATEFORME DE MISE EN OEUVRE**  
[72] WILLIAMS, MURRAY, US  
[72] ZOGHBY, JERIAD, US  
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE  
[22] 2015-10-05  
[41] 2016-04-16  
[30] US (62/064,844) 2014-10-16  
[30] US (14/834,097) 2015-08-24

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[21] **2,907,232**  
[13] A1

[51] **Int.Cl. H02J 50/12 (2016.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CONTACTLESS POWER TRANSFER**  
[54] **SYSTEME ET METHODE DE TRANSFERT D'ENERGIE SANS CONTACT**  
[72] RAGHUNATHAN, ARUN KUMAR, IN  
[72] RAMACHANDRAPANICKER, SOMAKUMAR, IN  
[72] BHAT, SUMA MEMANA NARAYANA, IN  
[72] SASEENDRAN, RIJIN, IN  
[72] BOHORI, ADNAN KUTUBUDDIN, IN  
[72] AGRAWAL, DINKAR, IN  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2015-10-01  
[41] 2016-04-10  
[30] IN (5098/CHE/2014) 2014-10-10

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[21] **2,907,277**  
[13] A1

[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/00 (2006.01) F01D 25/24 (2006.01)**  
[25] EN  
[54] **TURBINE SHROUD WITH BIASED BLADE TRACK**  
[54] **ENVELOPPE DE TURBINE DOTEE D'UN RAIL DE LAME INCLINE**  
[72] O'LEARY, MARK, US  
[71] ROLLS-ROYCE CORPORATION, US  
[22] 2015-10-06  
[41] 2016-04-14  
[30] US (62/063,525) 2014-10-14

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[21] **2,907,281**  
[13] A1

[51] **Int.Cl. H01M 8/0202 (2016.01) H01M 2/30 (2006.01) H01M 8/24 (2016.01)**  
[25] EN  
[54] **CURRENT COLLECTOR FOR FUEL CELL, FUEL CELL STACK, FUEL CELL SYSTEM, AND METHOD OF MANUFACTURING FUEL CELL SYSTEM**  
[54] **COLLECTEUR DE COURANT POUR PILE A COMBUSTIBLE, EMPILEMENT DE PILES A COMBUSTIBLE, DISPOSITIF DE PILE A COMBUSTIBLE ET PROCEDE DE FABRICATION D'UN DISPOSITIF A PILE A COMBUSTIBLE**  
[72] SHIZUKU, FUMISHIGE, JP  
[72] TANAKA, HIDEAKI, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[22] 2015-10-05  
[41] 2016-04-15  
[30] JP (2014-210560) 2014-10-15

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[21] **2,907,284**  
[13] A1

[51] **Int.Cl. H01M 8/0247 (2016.01) H01M 8/2465 (2016.01)**  
[25] EN  
[54] **CURRENT COLLECTOR FOR FUEL CELL, AND FUEL CELL STACK**  
[54] **COLLECTEUR DE COURANT POUR PILE A COMBUSTIBLE ET EMPILEMENT DE PILES A COMBUSTIBLE**  
[72] SHIZUKU, FUMISHIGE, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[22] 2015-10-05  
[41] 2016-04-15  
[30] JP (2014-210556) 2014-10-15

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[21] **2,907,288**  
[13] A1

[51] **Int.Cl. A43B 5/16 (2006.01) B29D 35/12 (2010.01) A43B 7/14 (2006.01) A43B 7/28 (2006.01) B29C 51/00 (2006.01)**

[25] EN

[54] **SKATE BOOT INCLUDING A THERMOFORMABLE ARCH-SUPPORT REGION**

[54] **BOTTINE DE PATIN COMPRENANT UNE REGION DE SUPPORT D'ARCHE THERMOFORMABLE**

[72] DAVIS, STEPHEN J., US

[72] FUNG, IAN, US

[71] EASTON HOCKEY, INC., US

[22] 2015-10-09

[41] 2016-04-10

[30] US (14/512,252) 2014-10-10

[21] **2,907,310**  
[13] A1

[51] **Int.Cl. H02K 3/04 (2006.01) H02K 3/12 (2006.01) H02K 15/04 (2006.01)**

[25] EN

[54] **A METHOD FOR FABRICATION OF A CONDUCTOR BAR**

[54] **UNE METHODE DE FABRICATION D'UNE BARRE CONDUCTRICE**

[72] HUWYLER, MARKUS, CH

[72] KOEPFLER, ANDREAS, DE

[71] ALSTOM RENEWABLE TECHNOLOGIES, FR

[22] 2015-10-06

[41] 2016-04-15

[30] EP (1418092.1) 2014-10-15

[21] **2,907,381**  
[13] A1

[51] **Int.Cl. E02F 3/815 (2006.01) E01B 27/02 (2006.01)**

[25] EN

[54] **ROADWORTHY RAIL BALLAST REGULATOR**

[54] **REGULATEUR DE BALLAST DE RAIL**

[72] BOYD, JAMES WILLIAM, US

[72] SPENCE, DAVID A., US

[72] PIPOL, JUSTIN JEROME, US

[72] THOMPSON, MICHAEL DAVID, US

[71] NORDCO INC., US

[22] 2015-10-08

[41] 2016-04-16

[30] US (62/064,747) 2014-10-16

[30] US (14/856,178) 2015-09-16

[21] **2,907,446**  
[13] A1

[51] **Int.Cl. H01B 9/02 (2006.01) H01B 3/00 (2006.01)**

[25] EN

[54] **METHOD FOR IMPROVING THE ELECTRIC FIELD DISTRIBUTION IN A HIGH VOLTAGE DIRECT CURRENT CABLE**

[54] **METHODE DESTINEE A L'AMELIORATION DE LA DISTRIBUTION D'UN CHAMP ELECTRIQUE DANS UN CABLE DE COURANT CONTINU HAUTE TENSION**

[72] CHEN, QIN, US

[72] CALEBRESE, CHRISTOPHER MICHAEL, US

[72] CAO, YANG, US

[72] ZHONG, SHENG, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2015-10-08

[41] 2016-04-10

[30] US (14/511,217) 2014-10-10

[21] **2,907,475**  
[13] A1

[51] **Int.Cl. H02S 40/36 (2014.01) H02S 20/20 (2014.01) F16B 43/00 (2006.01) H01R 4/26 (2006.01)**

[25] EN

[54] **BONDING WASHER FOR A SOLAR PANEL RACKING SYSTEM**

[54] **RONDELLE DE LIAISON POUR UN MECANISME DE SUPPORT DE PANNEAU SOLAIRE**

[72] NAYAR, MANISH, CA

[71] NAYAR, MANISH, CA

[22] 2015-10-08

[41] 2016-04-16

[30] US (62/064,575) 2014-10-16

[21] **2,907,552**  
[13] A1

[51] **Int.Cl. A63B 67/02 (2006.01)**

[25] EN

[54] **GOLF PUTTING GAME**

[54] **JEU DE COUPS ROULES DE GOLF**

[72] COUTURE, REMY, CA

[71] COUTURE, REMY, CA

[22] 2015-10-13

[41] 2016-04-10

[30] GB (1418015.2) 2014-10-10

[21] **2,907,878**  
[13] A1

[51] **Int.Cl. A61K 38/05 (2006.01) A61K 31/337 (2006.01) A61K 31/40 (2006.01) A61K 31/53 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **SYNERGISTIC AURISTATIN COMBINATIONS**

[54] **COMBINAISONS SYNERGIQUES D'AURISTATINE**

[72] SAPRA, PUJA, US

[72] SHOR, BORIS, US

[71] PFIZER INC., US

[22] 2015-10-07

[41] 2016-04-10

[30] US (62/062,192) 2014-10-10

[21] **2,908,004**  
[13] A1

[51] **Int.Cl. F16L 59/18 (2006.01) E21B 17/00 (2006.01) F16L 59/14 (2006.01) F16L 59/147 (2006.01) F16L 59/15 (2006.01)**

[25] EN

[54] **PIPE SECTION**

[54] **SECTION DE TUYAU**

[72] MARCHAL, PHILIPPE, FR

[72] DAMOUR, JEAN, FR

[72] OLLIER, PIERRE, FR

[71] MAJUS LIMITED, GB

[22] 2015-10-08

[41] 2016-04-16

[30] GB (GB1418386.7) 2014-10-16

[21] **2,908,107**  
[13] A1

[51] **Int.Cl. G07F 17/32 (2006.01) A63F 3/06 (2006.01)**

[25] EN

[54] **LUCKY SPOT BETTING**

[54] **CHOIX DE PARI POUR SITE CHANCEUX**

[72] BROWN, BRADFORD D., US

[72] RUYMANN, ROBERT W., US

[71] IGT, US

[22] 2015-10-07

[41] 2016-04-16

[30] US (14/515,913) 2014-10-16

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[21] **2,908,145**  
[13] A1

[51] **Int.Cl. F16K 17/40 (2006.01) A62C 35/68 (2006.01) F16K 17/36 (2006.01)**

[25] EN

[54] **A FRANGIBLE PLUG FOR USE IN A VALVE MECHANISM**

[54] **UNE PRISE FRANGIBLE DESTINEE A UN MECANISME DE SOUPAPE**

[72] SMITH, PAUL D., GB

[72] RENNIE, PAUL ALAN, GB

[72] DUNSTER, ROBERT G., GB

[71] KIDDE GRAVINER LIMITED, GB

[22] 2015-10-08

[41] 2016-04-13

[30] GB (1418080.6) 2014-10-13

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[21] **2,908,153**  
[13] A1

[51] **Int.Cl. F01P 7/02 (2006.01) B60K 11/02 (2006.01) F01P 5/02 (2006.01) F01P 5/04 (2006.01) F28D 1/047 (2006.01)**

[25] EN

[54] **METHOD FOR COMBINED PREHEATING AND COOLING OF A COOLANT**

[54] **METHODE DE PRECHAUFFAGE ET REFROIDISSEMENT COMBINES D'UN FLUIDE REFROIDISSEUR**

[72] JURZOK, CORINNA, DE

[72] BERG, ALEXANDER, DE

[71] DEERE & COMPANY, US

[22] 2015-10-09

[41] 2016-04-13

[30] DE (10 2014 220 692.8) 2014-10-13

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[21] **2,908,157**  
[13] A1

[51] **Int.Cl. A47L 9/22 (2006.01) A47L 9/16 (2006.01)**

[25] EN

[54] **EFFICIENT VACUUM CLEANER FAN INLET**

[54] **ENTREE DE VENTILATEUR D'ASPIRATEUR EFFICACE**

[72] HOLSTEN, STUART V., US

[71] EMERSON ELECTRIC CO., US

[22] 2015-10-09

[41] 2016-04-10

[30] US (62/062,434) 2014-10-10

[30] US (14/879,207) 2015-10-09

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[21] **2,908,190**  
[13] A1

[51] **Int.Cl. F21S 9/02 (2006.01) F21K 9/00 (2016.01) F21K 9/69 (2016.01)**

[25] EN

[54] **LED LUMINAIRE WITH INTEGRATED BATTERY BACKUP**

[54] **LUMINAIRE DEL DOTE D'UNE BATTERIE SECONDAIRE INTEGREE**

[72] SHAW, JAMES, US

[71] REVOLUTION LIGHTING TECHNOLOGIES, INC., US

[22] 2015-10-13

[41] 2016-04-10

[30] US (62/062,588) 2014-10-10

[30] US (14/880,298) 2015-10-12

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[21] **2,908,200**  
[13] A1

[51] **Int.Cl. B29C 73/14 (2006.01) B64C 27/46 (2006.01) B64F 5/00 (2006.01)**

[25] EN

[54] **METHOD OF REPAIRING A CORE STIFFENED STRUCTURE**

[54] **METHODE DE REPARATION D'UNE STRUCTURE PRINCIPALE RAIDIE**

[72] WARDLAW, ROBERT, US

[72] MODRZEJEWSKI, BRIAN S., US

[72] MUELLER, BYRON, US

[72] CRIBB, VANCE N., III, US

[71] BELL HELICOPTER TEXTRON INC., US

[22] 2015-10-07

[41] 2016-04-13

[30] US (14/512,837) 2014-10-13

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[21] **2,908,210**  
[13] A1

[51] **Int.Cl. G06K 9/80 (2006.01) A63F 3/06 (2006.01)**

[25] FR

[54] **IDENTIFICATION PROCESS FOR A SIGN ON A DEFORMED IMAGE**

[54] **PROCEDE D'IDENTIFICATION D'UN SIGNE SUR UN DOCUMENT DEFORME**

[72] ROUH, ALAIN, FR

[72] BEAUDET, JEAN, FR

[72] ROSTAING, LAURENT, FR

[71] MORPHO, FR

[22] 2015-10-07

[41] 2016-04-10

[30] FR (14/59742) 2014-10-10

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[21] **2,908,229**  
[13] A1

[51] **Int.Cl. F16B 7/18 (2006.01) E21B 36/04 (2006.01) E21B 43/24 (2006.01) H01B 3/12 (2006.01) H01B 3/44 (2006.01)**

[25] EN

[54] **MECHANICAL-LOAD BEARING AND ELECTRICALLY ISOLATING MECHANICAL CONNECTION**

[54] **PALIER A CHARGE MECANIQUE ET RACCORD MECANIQUE ISOLANT ELECTRIQUE**

[72] DANOV, VLADIMIR, DE

[72] KOCH, ANDREAS, DE

[72] WOHLFART, MANFRED, DE

[71] SIEMENS AKTIENGESELLSCHAFT, DE

[22] 2015-10-09

[41] 2016-04-13

[30] DE (102014220709.6) 2014-10-13

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[21] **2,908,256**  
[13] A1

[51] **Int.Cl. F16K 31/06 (2006.01) H01M 8/04089 (2016.01) F16K 1/32 (2006.01)**

[25] EN

[54] **VALVE DEVICE**

[54] **DISPOSITIF DE SOUPAPE**

[72] NAKAMURA, AKIO, JP

[72] SUZUKI, TAKUYA, JP

[72] INAGI, SHUSUKE, JP

[72] YAMASHITA, AKIRA, JP

[72] KONDO, MASAOKI, JP

[71] JTEKT CORPORATION, JP

[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP

[22] 2015-10-09

[41] 2016-04-10

[30] JP (2014-208788) 2014-10-10

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[21] **2,908,259**  
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR PERSONALIZED INCENTIVE-BASED HEALTH SUPPORT**  
[54] **SYSTEMES ET METHODES DE SOUTIEN DE SANTE FONDE SUR DES INCITATIFS PERSONNALISES**  
[72] AGGER, MARC S., US  
[72] ALLEN, AMY, US  
[72] VEROFF, DAVID, US  
[71] HEALTH DIALOG SERVICES CORPORATION, US  
[22] 2015-10-08  
[41] 2016-04-10  
[30] US (14/511,797) 2014-10-10

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[21] **2,908,276**  
[13] A1

[51] **Int.Cl. H02J 9/00 (2006.01) E21B 41/00 (2006.01) E21B 43/26 (2006.01)**  
[25] EN  
[54] **PARALLEL POWER AND BLACKOUT PROTECTION FOR ELECTRIC HYDRAULIC FRACTURING**  
[54] **ALIMENTATION PARALLELE ET PROTECTION CONTRE UNE PANNE TOTALE POUR LA FRACTURATION HYDRAULIQUE ELECTRIQUE**  
[72] OEHRING, JARED, US  
[72] KURTZ, ROBERT, US  
[72] ZAUNBRECHER, BRENNAN, US  
[71] US WELL SERVICES LLC, US  
[22] 2015-10-13  
[41] 2016-04-14  
[30] US (62/063,680) 2014-10-14

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[21] **2,908,278**  
[13] A1

[51] **Int.Cl. A61B 18/14 (2006.01) A61B 18/12 (2006.01)**  
[25] EN  
[54] **EFFECTIVE PARASITIC CAPACITANCE MINIMIZATION FOR MICRO ABLATION ELECTRODE**  
[54] **MINIMISATION DE CAPACITE PARASITE EFFICACE POUR ELECTRODE DE MICRO ABLATION**  
[72] LICHTENSTEIN, YOAV, IL  
[71] BIOSENCE WEBSTER (ISRAEL) LTD., IL  
[22] 2015-10-13  
[41] 2016-04-14  
[30] US (62/063,456) 2014-10-14  
[30] US (14/850,212) 2015-09-10

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[21] **2,908,279**  
[13] A1

[51] **Int.Cl. A61B 34/10 (2016.01) A61B 5/05 (2006.01) A61B 5/055 (2006.01) A61B 6/00 (2006.01)**  
[25] EN  
[54] **REAL-TIME SIMULATION OF FLUOROSCOPIC IMAGES**  
[54] **SIMULATION EN TEMPS REEL D'IMAGES FLUOROSCOPIQUES**  
[72] ZINO, ELIAHU, IL  
[72] ZIGELMAN, GIL, IL  
[72] ADI, LIAV MOSHE, IL  
[71] BIOSENCE WEBSTER (ISRAEL) LTD., IL  
[22] 2015-10-13  
[41] 2016-04-14  
[30] US (14/513,343) 2014-10-14

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[21] **2,908,282**  
[13] A1

[51] **Int.Cl. G09B 9/08 (2006.01)**  
[25] EN  
[54] **A SIMULATION DEVICE OF FLIGHT MANAGEMENT SYSTEM**  
[54] **UN DISPOSITIF DE SIMULATION D'UN SYSTEME DE GESTION DE VOL**  
[72] CHEN, QI, CN  
[72] JIANG, ZHIZHEN, CN  
[72] YAN, ZIGUANG, CN  
[72] SHEN, HONGBIN, CN  
[71] AIR CHINA LIMITED, CN  
[22] 2015-10-09  
[41] 2016-04-11  
[30] CN (2014105328845) 2014-10-11

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[21] **2,908,288**  
[13] A1

[51] **Int.Cl. H01H 3/00 (2006.01) H01H 9/02 (2006.01) H05K 1/18 (2006.01)**  
[25] EN  
[54] **ACTUATOR**  
[54] **ACTIONNEUR**  
[72] BONNET, ERIC, FR  
[71] INGENICO GROUP, FR  
[22] 2015-10-06  
[41] 2016-04-10  
[30] FR (1459769) 2014-10-10

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[21] **2,908,300**  
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01) H04L 12/16 (2006.01)**  
[25] EN  
[54] **REAL-TIME PERFORMANCE MONITORING AND IMPROVEMENT TECHNOLOGY WITH TIERED ACCESS**  
[54] **SURVEILLANCE DE RENDEMENT EN TEMPS REEL ET TECHNOLOGIE DE REHAUSSEMENT DOTEE D~ACCES ETAGE**  
[72] DESAUTELS, BERNARD, CA  
[71] DESAUTELS, BERNARD, CA  
[22] 2015-10-14  
[41] 2016-04-14  
[30] US (62/063,729) 2014-10-14

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[21] **2,908,328**  
[13] A1

[51] **Int.Cl. F25J 3/00 (2006.01)**  
[25] EN  
[54] **REFRIGERANT RECOVERY IN NATURAL GAS LIQUEFACTION PROCESSES**  
[54] **RECUPERATION DE FRIGORIGENE DANS LES PROCEDES DE LIQUEFACTION DE GAZ NATUREL**  
[72] JOHNSTON, BRIAN KEITH, US  
[72] KRISHNAMURTHY, GOWRI, US  
[72] ROBERTS, MARK JULIAN, US  
[71] AIR PRODUCTS AND CHEMICALS, INC., US  
[22] 2015-10-07  
[41] 2016-04-10  
[30] US (14/511,774) 2014-10-10

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[13] A1

[51] **Int.Cl. B23Q 15/00 (2006.01) F01D 25/16 (2006.01) F01D 25/24 (2006.01) F02C 7/06 (2006.01)**

[25] EN

[54] **ENGINE STRUCTURE ASSEMBLY PROCEDURE**

[54] **PROCEDURE D'ASSEMBLAGE DE STRUCTURE DE MOTEUR**

[72] GEKHT, EUGENE, CA

[72] REMY, PATRICE, CA

[72] MILLS, DANNY, CA

[71] PRATT & WHITNEY CANADA CORP., CA

[22] 2015-10-07

[41] 2016-04-15

[30] US (14/514,471) 2014-10-15

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[21] **2,908,451**  
[13] A1

[51] **Int.Cl. D03D 41/00 (2006.01)**

[25] FR

[54] **HEDDLE FOR LOOM, LOOM EQUIPPED WITH SUCH A HEDDLE AND FABRICATION PROCESS FOR SUCH A HEDDLE**

[54] **LISSE POUR METIER A TISSER, METIER A TISSER EQUIPE D'UNE TELLE LISSE ET PROCEDE DE FABRICATION D'UNE TELLE LISSE**

[72] HERRMANN, MICHEL, FR

[72] GAUBERT, PHILIPPE, FR

[72] BOUCHET, DAMIEN, FR

[71] STAUBLI LYON, FR

[22] 2015-10-07

[41] 2016-04-16

[30] FR (14 59 958) 2014-10-16

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[21] **2,908,545**  
[13] A1

[51] **Int.Cl. B65G 39/00 (2006.01)**

[25] EN

[54] **RETURN ROLLER BATTERY FOR CONVEYOR BELTS**

[54] **BATTERIE DE ROULEAU DE RENVOI POUR COURROIES DE TRANSPORT**

[72] HARTNEY, JOSEPH, CA

[72] MORSE, LUCAS, CA

[72] DUCHENE, CHRISTOPHER, CA

[72] BOYER, JOCELIN, CA

[72] BENEDICT, WILLIAM, CA

[71] RULMECA CANADA LIMITED, CA

[22] 2015-10-15

[41] 2016-04-15

[30] US (62/064128) 2014-10-15

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[21] **2,908,730**  
[13] A1

[51] **Int.Cl. A01G 9/02 (2006.01) A01G 9/00 (2006.01)**

[25] EN

[54] **CONNECTOR FOR MULTIPLE POTTED PLANTS**

[54] **RACCORD DESTINE A UN RESEAU DE PLANTES EN POT**

[72] KUNREUTHER, STEVEN, US

[72] FRANZONE, ANDREW, JR., US

[71] AFTEX INDUSTRIES, US

[22] 2015-10-16

[41] 2016-04-16

[30] US (14/516,002) 2014-10-16

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[21] **2,908,741**  
[13] A1

[51] **Int.Cl. B60T 17/22 (2006.01)**

[25] EN

[54] **BRAKE STROKE LOGGING INDICATOR**

[54] **INDICATEUR DE REGISTRE DE COURSE DE FREIN**

[72] GONCALVES, JORGE M., CA

[71] GONCALVES, JORGE M., CA

[22] 2015-10-15

[41] 2016-04-15

[30] US (62/064,387) 2014-10-15

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[21] **2,908,751**  
[13] A1

[51] **Int.Cl. H05B 37/02 (2006.01) F21V 23/00 (2015.01)**

[25] EN

[54] **LIGHTING CONTROL WITH INTEGRAL DIMMING**

[54] **COMMANDE D'ECLAIRAGE DOTE E D'UN GRADATEUR INTEGRAL**

[72] WAGNER, PHILLIP RYAN, US

[72] BURT, ROBERT, US

[72] SHELTON, CHRISTOPHER SCOTT, US

[71] ABL IP HOLDING LLC, US

[22] 2015-10-15

[41] 2016-04-15

[30] US (62/064,240) 2014-10-15

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[21] **2,908,759**  
[13] A1

[51] **Int.Cl. F23J 15/00 (2006.01) F24H 1/20 (2006.01)**

[25] EN

[54] **EXCESS GAS COMBUSTION IN HEAVY OIL PRODUCTION**

[54] **COMBUSTION DE GAZ EXCEDENTAIRE DANS LA PRODUCTION DE PETROLE BRUT**

[72] MALM, HOWARD L., CA

[72] KEAST, LESLIE ALLAN, CA

[72] BROWN, GREG, CA

[71] REM TECHNOLOGY INC., CA

[22] 2015-10-15

[41] 2016-04-15

[30] US (62/064,100) 2014-10-15

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[21] **2,908,774**  
[13] A1

[51] **Int.Cl. G01M 7/02 (2006.01) G01M 15/14 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR MONITORING SURGE CONDITIONS**

[54] **SYSTEMES ET METHODES DE SURVEILLANCE D'ETAT DE SURTENSION**

[72] LIU, LEI, US

[71] SIMMONDS PRECISION PRODUCTS, INC., US

[22] 2015-10-14

[41] 2016-04-14

[30] US (14/514,117) 2014-10-14

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[21] **2,908,835**  
[13] A1

[51] **Int.Cl. H05B 37/02 (2006.01)**

[25] EN

[54] **LIGHTING CONTROL WITH AUTOMATED ACTIVATION PROCESS**

[54] **COMMANDE D'ECLAIRAGE DOTE E D'UN PROCEDE D'ACTIVATION AUTOMATISE**

[72] WAGNER, PHILLIP RYAN, US

[72] STEWART, DOUGLAS ALDRICH, US

[72] DOROGI, MICHAEL JAY, US

[72] BURT, ROBERT, US

[72] SHELTON, CHRISTOPHER SCOTT, US

[71] ABL IP HOLDING LLC, US

[22] 2015-10-15

[41] 2016-04-15

[30] US (62/064,233) 2014-10-15

**Demandes canadiennes mises à la disponibilité du public**

**10 avril 2016 au 16 avril 2016**

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[21] **2,908,881**  
[13] A1

[51] **Int.Cl. B65G 45/12 (2006.01)**  
[25] EN  
[54] **FLOATING CONVEYOR BELT CLEANER ASSEMBLY**  
[54] **DISPOSITIF DE NETTOYAGE DE COURROIE DE TRANSPORTEUR FLOTTANT**  
[72] HARTNEY, JOSEPH, CA  
[72] MORSE, LUCAS, CA  
[72] DUCHENE, CHRISTOPHER, CA  
[72] BOYER, JOCELIN, CA  
[72] BENEDICT, WILLIAM, CA  
[71] RULMECA CANADA LIMITED, CA  
[22] 2015-10-15  
[41] 2016-04-15  
[30] US (62/064114) 2014-10-15

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[21] **2,908,913**  
[13] A1

[51] **Int.Cl. G05B 19/042 (2006.01) H04H 60/95 (2009.01) F21V 33/00 (2006.01) G08B 13/196 (2006.01) G08B 25/00 (2006.01) G10L 15/22 (2006.01) H03K 17/945 (2006.01) H03K 17/96 (2006.01) H04B 3/54 (2006.01) H05B 37/02 (2006.01) H05K 7/20 (2006.01) H02G 3/14 (2006.01)**  
[25] EN  
[54] **WALL-MOUNTED SMART SWITCHES AND OUTLETS FOR USE IN BUILDING WIRING FOR LOAD CONTROL, HOME AUTOMATION, AND/OR SECURITY PURPOSES**  
[54] **COMMUTATEURS ET PRISES INTELLIGENTS INSTALLES AU MUR DESTINES AU CABLAGE DE BATIMENT EN VUE DU CONTROLE DE LA CHARGE, DE L~AUTOMATISATION DOMOTIQUE ET DE LA SECURITE**  
[72] QURESHI, SALMAN, CA  
[72] FERNANDES, FILIPE, CA  
[72] RAMCHANDAR, RYAN, CA  
[71] UMBRELA SMART INC., CA  
[22] 2015-10-15  
[41] 2016-04-15  
[30] US (62/064,168) 2014-10-15

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[21] **2,908,980**  
[13] A1

[51] **Int.Cl. H01F 27/02 (2006.01) H01F 27/30 (2006.01)**  
[25] EN  
[54] **TANK FOR ELECTRICAL EQUIPMENT**  
[54] **RESERVOIR DESTINE A UN EQUIPEMENT ELECTRIQUE**  
[72] BRODEUR, SAMUEL, CA  
[71] ABB TECHNOLOGY AG, CH  
[22] 2015-10-08  
[41] 2016-04-15  
[30] US (14/515,150) 2014-10-15

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[21] **2,909,014**  
[13] A1

[51] **Int.Cl. H02J 15/00 (2006.01) H02J 7/00 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR CAPACITOR CHARGE EXTRACTION**  
[54] **SYSTEMES ET METHODES D'EXTRACTION DE CHARGE DE CONDENSATEUR**  
[72] SAVULAK, STEVEN, US  
[72] VERONESI, WILLIAM, US  
[71] ROSEMOUNT AEROSPACE INC., US  
[22] 2015-10-13  
[41] 2016-04-14  
[30] US (14/514,174) 2014-10-14

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[21] **2,909,018**  
[13] A1

[51] **Int.Cl. H04N 21/845 (2011.01) H04N 21/84 (2011.01) G06T 7/20 (2006.01)**  
[25] EN  
[54] **IDENTIFYING CONTENT OF INTEREST**  
[54] **DETERMINATION DE CONTENU D'INTERET**  
[72] SCHWARTZ, ERIK, US  
[72] NEUMANN, JAN, US  
[72] SAYYADI HARIKANDEHEI, HASSAN, US  
[72] DEICHMANN, STEFAN, US  
[71] COMCAST CABLE COMMUNICATIONS, LLC, US  
[22] 2015-10-14  
[41] 2016-04-15  
[30] US (14/514,602) 2014-10-15

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[21] **2,909,027**  
[13] A1

[51] **Int.Cl. B64C 25/34 (2006.01) B64C 25/42 (2006.01) B64C 25/58 (2006.01)**  
[25] EN  
[54] **AIRCRAFT LANDING GEAR ASSEMBLY**  
[54] **DISPOSITIF DE TRAIN D'ATTERRISAGE**  
[72] SEXTON, MATTHEW, GB  
[72] SCHMIDT, ROBERT KYLE, GB  
[71] MESSIER-DOWTY LIMITED, GB  
[22] 2015-10-13  
[41] 2016-04-16  
[30] EP (14189230.7) 2014-10-16

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[21] **2,909,044**  
[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01) A61K 47/42 (2006.01) A61P 31/04 (2006.01)**  
[25] EN  
[54] **RHOMBOID PROTEINS AND USES THEREOF**  
[54] **PROTEINES RHOMBOEDRIQUES ET LEURS UTILISATIONS**  
[72] KO, KENTON, CA  
[72] POWLES, JOSHUA, CA  
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA  
[22] 2015-10-09  
[41] 2016-04-10  
[30] US (62/062,470) 2014-10-10

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[21] **2,909,103**  
[13] A1

[51] **Int.Cl. A47K 3/20 (2006.01) A47K 3/16 (2006.01) A47K 3/18 (2006.01) A47K 3/40 (2006.01) A47K 4/00 (2006.01)**  
[25] EN  
[54] **COMBINATION BATHTUB AND SHOWER BASE FACILITY**  
[54] **INSTALLATION DE BAIN ET DOUCHE COMBINES**  
[72] MASECCHIA, TONY, CA  
[71] AQUABRASS INC., CA  
[22] 2015-10-15  
[41] 2016-04-15  
[30] US (62/064,111) 2014-10-15

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April 10, 2016 to April 16, 2016**

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[21] **2,910,814**  
[13] A1

[51] **Int.Cl. A47J 31/40 (2006.01) A47G 19/34 (2006.01) A47J 31/46 (2006.01) F16K 7/02 (2006.01)**

[25] EN

[54] **DISPENSER FOR GRANULAR MATERIAL WITH A VALVE ASSEMBLY**

[54] **DISTRIBUTEUR DE MATERIAU GRANULAIRE DOTE D'UN DISPOSITIF DE VANNE**

[72] WILLISTON, KYLE, CA  
[72] TOFFLEMIRE, JEFFREY, CA  
[72] MACGILLIVARY, KEN, CA  
[72] MACLEAN, IAN, CA  
[71] A.C. DISPENSING EQUIPMENT INC., CA  
[22] 2015-10-30  
[41] 2016-04-15

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[21] **2,916,873**  
[13] A1

[51] **Int.Cl. H01Q 17/00 (2006.01) H04W 24/08 (2009.01) H04B 1/3877 (2015.01) H04B 17/18 (2015.01)**

[25] EN

[54] **HOUSING FOR A MOBILE TELEPHONE**

[54] **LOGEMENT DESTINE A UN TELEPHONE MOBILE**

[72] REIFFENRATH, JAN MATTI, DE  
[72] SEIDENBERG, PETER, DE  
[71] P3 COMMUNICATIONS GMBH, DE  
[22] 2016-01-07  
[41] 2016-04-13  
[30] DE (DE 10 2015 000 062.4) 2015-01-12  
[30] DE (DE 10 2015 100 519.0) 2015-01-14

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[21] **2,919,079**  
[13] A1

[51] **Int.Cl. A01D 57/00 (2006.01) E01H 15/00 (2006.01)**

[25] EN

[54] **AN ARRANGEMENT FOR ATTACHING A DISPOSABLE PAPER BAG TO THE OUTLET OF A LAWNMOWER FOR COLLECTING LEAVES AND FRAGMENTS OF LEAVES AS WELL AS GRASS CUTTINGS**

[54] **UN DISPOSITIF DESTINE A ATTACHER UN SAC EN PAPIER JETABLE A LA PRISE DE SORTIE D-UNE TONDEUSE EN VUE DE RAMASSER LES FEUILLES ET LES FRAGMENTS DE FEUILLE AINSI QUE LES ROGNURES DEGAZON**

[72] REZAZADEH, MOSLEM, CA  
[71] REZAZADEH, MOSLEM, CA  
[22] 2016-01-27  
[41] 2016-04-15

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[21] **2,920,570**  
[13] A1

[51] **Int.Cl. F04D 29/60 (2006.01) F04D 25/06 (2006.01) F04D 25/08 (2006.01) F04D 29/40 (2006.01) F24F 7/007 (2006.01)**

[25] EN

[54] **FAN AND MOUNTING BRACKET FOR AN AIR MOVER**

[54] **VENTILATEUR ET SUPPORT D'INSTALLATION POUR UN APPAREIL AERAIQUE**

[72] TEJEDA, MARCO A., US  
[72] STEFFES, MICHAEL J., US  
[72] SCHARPING, JAMES A., US  
[72] GIALLOMBARDO, RICHARD G., US  
[72] STEARNS, JARED M., US  
[71] TECHNOLOGIES HOLDINGS CORP., US  
[22] 2016-02-11  
[41] 2016-04-11  
[30] US (14/707,805) 2015-05-08

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[21] **2,920,654**  
[13] A1

[51] **Int.Cl. E01C 1/04 (2006.01) E02D 17/10 (2006.01)**

[25] EN

[54] **CONSTRUCTION METHODS AND SYSTEMS FOR GRADE SEPARATION STRUCTURES**

[54] **METHODES DE CONSTRUCTION ET SYSTEMES DESTINES A DES STRUCTURES DE SEPARATION D-ECHELON**

[72] IVANTCHOUK, ARTEM, CA  
[72] CARSON, ERIC WILLIAM, CA  
[71] GRADE SEPARATION SYSTEMS INC., CA  
[22] 2016-02-12  
[41] 2016-04-14

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[21] **2,921,152**  
[13] A1

[51] **Int.Cl. A45D 1/04 (2006.01) A45D 2/00 (2006.01)**

[25] EN

[54] **HAIR STYLING APPARATUS**

[54] **APPAREIL DE COIFFURE**

[72] LEUNG, ANTHONY KIT LUN, CN  
[71] CONAIR CORPORATION, US  
[22] 2016-02-19  
[41] 2016-04-15  
[30] US (14/985710) 2015-12-31

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# PCT Applications Entering the National Phase

## Demands PCT entrant en phase nationale

<p>[21] <b>2,909,576</b> [13] A1 [51] <b>Int.Cl. A61K 38/20 (2006.01) A61K 47/48 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) G01N 33/50 (2006.01)</b> [25] EN [54] <b>CYTOKINE DERIVED TREATMENT WITH REDUCED VASCULAR LEAK SYNDROME</b> [54] <b>TRAITEMENT DERIVE DE LA CYTOKINE AVEC SYNDROME DE FUITE VASCULAIRE REDUIT</b> [72] BECHARD, DAVID, FR [72] CHAPUT, NATHALIE, FR [72] DESBOIS, MELANIE, FR [71] CYTUNE PHARMA, FR [71] INSTITUTE GUSTAVE ROUSSY (IGR), FR [85] 2015-10-15 [86] 2014-04-22 (PCT/EP2014/001057) [87] (WO2014/170032) [30] EP (13002066.2) 2013-04-19</p>	<p>[21] <b>2,920,317</b> [13] A1 [51] <b>Int.Cl. A61K 31/58 (2006.01) A61P 35/00 (2006.01) C07J 43/00 (2006.01) G01N 33/48 (2006.01)</b> [25] EN [54] <b>BIOMARKERS FOR TREATMENT OF NEOPLASTIC DISORDERS USING ANDROGEN-TARGETED THERAPIES</b> [54] <b>BIOMARQUEURS POUR LE TRAITEMENT DE TROUBLES NEOPLASIQUES A L'AIDE DE THERAPIES CIBLANT LES ANDROGENES</b> [72] NJAR, VINCENT, US [72] ZOUBEIDI, AMINA, CA [72] FERRANTE, KAREN, US [72] COREY, EVA, US [72] JACOBY, DOUGLAS, US [71] TOKAI PHARMACEUTICALS, INC., US [71] UNIVERSITY OF MARYLAND, BALTIMORE, US [71] UNIVERSITY OF WASHINGTON, US [85] 2016-02-02 [86] 2014-08-12 (PCT/US2014/050793) [87] (WO2015/023710) [30] US (61/865,038) 2013-08-12 [30] US (61/990,570) 2014-05-08 [30] US (62/002,110) 2014-05-22</p>	<p>[21] <b>2,923,876</b> [13] A1 [51] <b>Int.Cl. G06F 21/57 (2013.01)</b> [25] EN [54] <b>COMPUTERIZED SYSTEM FOR COMPLYING WITH CERTAIN CRITICAL INFRASTRUCTURE PROTECTION REQUIREMENTS</b> [54] <b>SYSTEME INFORMATISE POUR LE RESPECT DE CERTAINES EXIGENCES DE PROTECTION DES INFRASTRUCTURES CRITIQUES</b> [72] BONNEY, PAUL TYLER, US [72] FIELD, RICHARD RAY, US [71] HOOSIER ENERGY RURAL ELECTRIC COOPERATIVE, INC., US [85] 2016-03-09 [86] 2014-09-23 (PCT/US2014/056965) [87] (WO2015/084470) [30] US (61/885,570) 2013-10-02</p> <hr/> <p>[21] <b>2,924,402</b> [13] A1 [51] <b>Int.Cl. F25J 3/02 (2006.01)</b> [25] EN [54] <b>METHOD AND DEVICE FOR SEPARATING A FEED STREAM USING RADIATION DETECTORS</b> [54] <b>PROCEDE ET DISPOSITIF POUR LA SEPARATION D'UN FLUX D'ALIMENTATION AU MOYEN DE DETECTEURS DE RAYONNEMENT</b> [72] VALENCIA, JAIME A., US [72] CULLINANE, J. TIM, US [72] GRAVE, EDWARD J., US [72] DENTON, ROBERT D., US [71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US [85] 2016-03-14 [86] 2014-10-17 (PCT/US2014/061011) [87] (WO2015/084496) [30] US (61/912,964) 2013-12-06</p>

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[21] **2,924,446**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G06F 17/00 (2006.01) H04L 12/16 (2006.01) G06F 15/18 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR ANALYZING AND TRANSMITTING SOCIAL COMMUNICATION DATA**

[54] **SYSTEME ET PROCEDE POUR ANALYSER ET TRANSMETTRE DES DONNEES DE COMMUNICATION SOCIALE**

[72] OGAWA, STUART, US

[71] SYSOMOS L.P., CA

[85] 2016-03-15

[86] 2014-09-16 (PCT/CA2014/050882)

[87] (WO2015/039235)

[30] US (61/880,027) 2014-09-16

[21] **2,924,629**  
[13] A1

[51] **Int.Cl. C12P 13/04 (2006.01) C07K 14/245 (2006.01) C12N 1/21 (2006.01) C12N 15/09 (2006.01) C12N 15/31 (2006.01) C12N 15/63 (2006.01) C12P 13/00 (2006.01)**

[25] EN

[54] **A METHOD FOR PRODUCING AN L-AMINO ACID USING A BACTERIUM OF THE FAMILY ENTEROBACTERIACEAE HAVING ATTENUATED EXPRESSION OF A PHOSPHATE TRANSPORTER-ENCODING GENE**

[54] **PROCEDE DE PRODUCTION D'UN ACIDE L-AMINO AU MOYEN D'UNE BACTERIE DE LA FAMILLE DES ENTEROBACTERIACEAE AYANT UNE EXPRESSION ATTENUUEE D'UN GENE CODANT LE TRANSPORTEUR DE PHOSPHATE**

[72] KUVAEVA, TATYANA MIKHAILOVNA, RU

[72] POLYAKOVA, EVGENIYA ALEKSANDROVNA, RU

[72] STOYNOVA, NATALIA VIKTOROVNA, RU

[71] AJINOMOTO CO., INC., JP

[85] 2016-03-17

[86] 2014-10-02 (PCT/JP2014/077027)

[87] (WO2015/050276)

[30] RU (2013144250) 2013-10-02

[21] **2,924,642**  
[13] A1

[51] **Int.Cl. A23P 30/40 (2016.01) A23L 5/00 (2016.01) A23L 23/00 (2016.01) A23L 27/10 (2016.01) A23L 29/00 (2016.01) A23L 29/269 (2016.01) A23F 3/00 (2006.01) A23G 9/46 (2006.01) A23L 2/39 (2006.01) A23L 2/40 (2006.01) A23L 2/54 (2006.01)**

[25] EN

[54] **DRY MIXTURE IN PARTICULATE FORM FOR PREPARATION OF LIQUID FOODS WITH DISPERSED GAS BUBBLES**

[54] **MELANGE SEC SOUS FORME PARTICULAIRE POUR LA PREPARATION D'ALIMENTS LIQUIDES COMPRENANT DES BULLES DE GAZ DISPERSEES**

[72] ARNAUDOV, LUBEN NIKOLAEV, NL

[72] POORTINGA, ALBERT THIJS, NL

[72] SEEVENTER VAN, PAUL BASTIAAN, NL

[72] STOYANOV, SIMEON DOBREV, NL

[71] UNILEVER PLC, GB

[85] 2016-03-16

[86] 2014-10-07 (PCT/EP2014/071377)

[87] (WO2015/052149)

[30] EP (13187672.4) 2013-10-08

[21] **2,924,715**  
[13] A1

[51] **Int.Cl. E21B 43/17 (2006.01) E21B 43/16 (2006.01) E21B 43/26 (2006.01)**

[25] EN

[54] **PRODUCING HYDROCARBONS PRODUCTION D'HYDROCARBURES**

[72] DAWSON, MATTHEW, US

[71] STATOIL GULF SERVICES LLC, US

[85] 2016-03-17

[86] 2014-09-19 (PCT/EP2014/069983)

[87] (WO2015/040155)

[30] US (14/033,079) 2013-09-20

[21] **2,924,716**  
[13] A1

[51] **Int.Cl. A61K 31/23 (2006.01) A61K 35/32 (2015.01) A61P 7/00 (2006.01)**

[25] EN

[54] **COMPOSITION FOR PROMOTING DIFFERENTIATION OR PROLIFERATION OF ERYTHROCYTIC CELLS, CONTAINING MONOACETYL DIACYLGLYCEROL COMPOUND AS ACTIVE INGREDIENT**

[54] **COMPOSITION POUR FAVORISER LA DIFFERENCIATION OU PROLIFERATION DE CELLULES ERYTHROCYTAIRES, CONTENANT UN COMPOSE DE DIACYLGLYCEROL MONOACETYLE COMME PRINCIPE ACTIF**

[72] KIM, JAE WHA, KR

[72] JUNG, HAI YOUNG, KR

[72] KANG, HO BUM, KR

[72] OH, SEI-RYANG, KR

[72] AHN, KYUNG SEOP, KR

[72] LEE, TAE-SUK, KR

[72] KANG, JONGKOO, KR

[72] KIM, MYUNG HWAN, KR

[72] HAN, YONNG-HAE, KR

[72] SOHN, KI YOUNG, KR

[71] ENZYCHEM LIFESCIENCES CORPORATION, KR

[71] KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY, KR

[85] 2016-03-17

[86] 2014-09-17 (PCT/KR2014/008647)

[87] (WO2015/041458)

[30] KR (10-2013-0111890) 2013-09-17

[21] **2,924,725**  
[13] A1

[51] **Int.Cl. E01F 9/623 (2016.01) E01F 9/627 (2016.01)**

[25] EN

[54] **IMPACT-RESISTANT AND ENERGY-ABSORBING ITEM OF STREET FURNITURE**

[54] **ARTICLE DE MOBILIER URBAIN RESISTANT A L'IMPACT ET ABSORBANT L'ENERGIE**

[72] WOLTERS, GERARD, BE

[71] IMPACT RECOVERY SYSTEMS, INC., US

[85] 2016-03-17

[86] 2014-09-19 (PCT/EP2014/070029)

[87] (WO2015/051984)

[30] BE (2013/0668) 2013-10-07

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[21] **2,924,728**  
[13] A1

[51] **Int.Cl. F16B 2/08 (2006.01) B65D 63/06 (2006.01) F16L 33/02 (2006.01)**

[25] EN  
[54] **BAND CLAMP**  
[54] **BRIDE DE SERRAGE**  
[72] DE VITTORI, NELSON, CH  
[72] SEELOS, ROBERT, CH  
[72] MULLER, MANUEL, CH  
[71] OETIKER SCHWEIZ AG, CH  
[85] 2016-03-18  
[86] 2014-11-27 (PCT/EP2014/075832)  
[87] (WO2016/029975)  
[30] EP (PCT/EP2014/068046) 2014-08-26

[21] **2,924,735**  
[13] A1

[51] **Int.Cl. C12N 5/071 (2010.01) C12N 5/0789 (2010.01) A61K 35/545 (2015.01) A61K 33/06 (2006.01) A61K 38/17 (2006.01) C12N 15/09 (2006.01)**

[25] EN  
[54] **METHODS FOR NUCLEAR REPROGRAMMING OF CELLS**  
[54] **PROCEDES DE REPROGRAMMATION NUCLEAIRE DE CELLULES**  
[72] WALSH, PATRICK, US  
[72] FELLNER, THOMAS, US  
[71] LONZA LTD, CH  
[85] 2016-03-18  
[86] 2014-09-22 (PCT/IB2014/002816)  
[87] (WO2015/040497)  
[30] US (61/880,579) 2013-09-20

[21] **2,924,820**  
[13] A1

[51] **Int.Cl. B25J 9/00 (2006.01) B25J 3/00 (2006.01)**

[25] EN  
[54] **SYSTEM AND METHOD FOR INTERACTING WITH AN OBJECT**  
[54] **SYSTEME ET PROCEDE POUR INTERAGIR AVEC UN OBJET**  
[72] MALACKOWSKI, DONALD W., US  
[71] STRYKER CORPORATION, US  
[85] 2016-03-18  
[86] 2014-10-03 (PCT/US2014/059005)  
[87] (WO2015/051233)  
[30] US (61/886,838) 2013-10-04

[21] **2,924,979**  
[13] A1

[51] **Int.Cl. A23K 20/158 (2016.01) A23K 20/195 (2016.01) A61K 31/19 (2006.01) A61K 31/20 (2006.01) A61P 1/00 (2006.01) A61P 31/04 (2006.01)**

[25] EN  
[54] **COMPOSITION OF MEDIUM-CHAIN FATTY ACIDS AND FEED SUPPLEMENTED WITH COMPOSITION**  
[54] **COMPOSITION D'ACIDES GRAS A CHAINE MOYENNE ET ALIMENT POUR ANIMAUX ENRICHI AVEC CETTE COMPOSITION**  
[72] BRUGGEMAN, GEERT, BE  
[72] DESCHEPPER, KATRIEN, BE  
[71] NUTRITION SCIENCES N.V., BE  
[85] 2016-03-21  
[86] 2014-10-09 (PCT/IB2014/065171)  
[87] (WO2015/052672)  
[30] BE (BE2013/0672) 2013-10-09  
[30] BE (BE2013/0676) 2013-10-09

[21] **2,924,983**  
[13] A1

[51] **Int.Cl. A23K 20/158 (2016.01) A23K 20/174 (2016.01) A23K 20/20 (2016.01) A23K 50/10 (2016.01) A61K 31/19 (2006.01) A61K 31/20 (2006.01) A61P 29/00 (2006.01) A61P 31/04 (2006.01)**

[25] EN  
[54] **COMPOSITION AND FODDER COMPRISING MEDIUM CHAIN FATTY ACIDS**  
[54] **COMPOSITION ET FOURRAGE COMPRENANT DES ACIDES GRAS A CHAINE MOYENNE**  
[72] BRUGGEMAN, GEERT, BE  
[72] DESCHEPPER, KATRIEN, BE  
[71] NUTRITION SCIENCES N.V., BE  
[85] 2016-03-21  
[86] 2014-10-09 (PCT/IB2014/065172)  
[87] (WO2015/052673)  
[30] BE (BE2013/0677) 2013-10-09

[21] **2,925,017**  
[13] A1

[51] **Int.Cl. A01H 5/00 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 15/29 (2006.01) C12N 15/54 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**

[25] EN  
[54] **SYSTEMS FOR CLONING PLANTS THROUGH ASEXUAL MEANS**  
[54] **SYSTEMES POUR CLONER DES PLANTES PAR DES MOYENS ASEXUELS**  
[72] VIELLE CALZADA, JEAN-PHILIPPE, MX  
[72] BARRAGAN ROSILLO, CARLOS, MX  
[72] DEMESA AREVALO, EDGAR, MX  
[72] HERNANDEZ LAGANA, ELVIRA, MX  
[72] LEON MARTINEZ, GLORIA, MX  
[72] SANCHEZ LEON, NIDIA, MX  
[72] RODRIGUEZ LEAL, DANIEL, MX  
[72] RODRIGUEZ AREVALO, ISAAC, MX  
[72] PADILLA CALZADA, JAIME, MX  
[71] CENTRO DE INVESTIGACION Y DE ESTUDIOS AVANZADOS DEL INSTITUTO POLITECNICO NACIONAL (CINVESTAV), MX  
[85] 2016-03-22  
[86] 2014-09-22 (PCT/IB2014/002702)  
[87] (WO2015/040493)  
[30] US (61/881,345) 2013-09-23

[21] **2,925,059**  
[13] A1

[51] **Int.Cl. E21B 23/14 (2006.01) E21B 23/00 (2006.01) E21B 47/12 (2012.01)**

[25] EN  
[54] **A SYSTEM FOR PERFORMING AN OPERATION WITHIN AN ELONGATED SPACE**  
[54] **UN SYSTEME PERMETTANT DE REALISER UNE INTERVENTION DANS UN ESPACE ALLONGE**  
[72] VAN DER ENDE, ANDRE MARTIN, GB  
[71] PARADIGM TECHNOLOGY SERVICES B.V., NL  
[85] 2016-03-22  
[86] 2014-09-26 (PCT/EP2014/070620)  
[87] (WO2015/044346)  
[30] GB (1317201.0) 2013-09-27

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[51] <b>Int.Cl. A23K 20/158 (2016.01) A23K 10/30 (2016.01) A23K 20/10 (2016.01) A23K 20/142 (2016.01) A23K 20/163 (2016.01) A23K 20/174 (2016.01) A23K 20/20 (2016.01) A23K 50/10 (2016.01)</b>	[51] <b>Int.Cl. E21B 33/06 (2006.01) E21B 33/064 (2006.01) E21B 47/12 (2012.01) H04B 3/54 (2006.01) H04L 12/28 (2006.01) H04L 12/66 (2006.01) G05B 19/18 (2006.01)</b>	[51] <b>Int.Cl. A23L 27/00 (2016.01) A23L 27/10 (2016.01) A23L 27/20 (2016.01) A23L 29/00 (2016.01) A23L 29/20 (2016.01) A23L 29/212 (2016.01) A23L 29/30 (2016.01)</b>
[25] EN	[25] EN	[25] EN
[54] <b>PROTEIN-CONTAINING DIETARY COMPOSITIONS AND METHODS FOR THEIR PREPARATION AND USE</b>	[54] <b>BLOWOUT PREVENTER CONTROL AND/OR POWER AND/OR DATA COMMUNICATION SYSTEMS AND RELATED METHODS</b>	[54] <b>PASTY OR LIQUID CULINARY FLAVOR CONCENTRATE</b>
[54] <b>COMPOSITIONS ALIMENTAIRES CONTENANT DES PROTEINES ET PRECEDES POUR LEUR PREPARATION ET LEUR UTILISATION</b>	[54] <b>SYSTEMES DE COMMANDE ET/OU D'ALIMENTATION ELECTRIQUE ET/OU DE COMMUNICATION DE DONNEES POUR DES BLOCS OBTURATEURS DE PUITES ET PROCEDES ASSOCIES</b>	[54] <b>CONCENTRE DE SAVEUR CULINAIRE PATEUX OU LIQUIDE</b>
[72] ARONEN, ILMO PELLERVO, FI	[72] PEREIRA, LUIS, US	[72] FEZER, RAMONA JASMIN, DE
[72] HOLMA, MERJA BIRGITTA, FI	[72] GUTIERREZ, JOSE, US	[72] HANLE, CHRISTOPH, DE
[72] WAN, FENG, US	[72] DALTON, JOHN MATTHEW, US	[72] SCHWAEGERL, MARTINA, DE
[72] BUNTEL, CHRISTOPHER JOHN, SG	[72] BABBITT, GUY ROBERT, US	[71] NESTEC S.A., CH
[71] BENEMILK OY, FI	[72] DICKSON, TERRY, US	[85] 2016-03-23
[85] 2016-03-22	[72] GODAZANDEH, FARI, US	[86] 2014-12-01 (PCT/EP2014/076037)
[86] 2013-10-15 (PCT/US2013/065046)	[72] MUTLU, METE, US	[87] (WO2015/090910)
[87] (WO2015/057204)	[72] WASSAR, TAOUFIK, US	[30] EP (13198285.2) 2013-12-19
	[71] TRANSOCEAN INNOVATION LABS, LTD., KY	
	[71] PEREIRA, LUIS, US	
	[71] GUTIERREZ, JOSE, US	
	[71] DALTON, JOHN MATTHEW, US	
	[71] BABBITT, GUY ROBERT, US	
	[71] DICKSON, TERRY, US	
	[71] GODAZANDEH, FARI, US	
	[71] MUTLU, METE, US	
	[71] WASSAR, TAOUFIK, US	
	[85] 2016-03-22	
	[86] 2014-09-27 (PCT/US2014/057925)	
	[87] (WO2015/048592)	
	[30] US (61/883,786) 2013-09-27	
	[30] US (61/883,868) 2013-09-27	
	[30] US (61/883,623) 2013-09-27	
	[30] US (61/883,818) 2013-09-27	
	[30] US (61/883,730) 2013-09-27	
	[30] US (61/883,836) 2013-09-27	
	[30] US (61/883,692) 2013-09-27	
	[30] US (61/885,331) 2013-10-01	
		[21] <b>2,925,244</b> [13] A1
		[51] <b>Int.Cl. E05D 7/04 (2006.01) B64D 11/00 (2006.01) B64D 11/06 (2006.01) E05D 7/00 (2006.01)</b>
		[25] EN
		[54] <b>ADJUSTMENT DEVICE</b>
		[54] <b>DISPOSITIF D'AJUSTEMENT</b>
		[72] MAHAITS, MARTIN, CA
		[72] TREMBLAY, MICHEL, CA
		[71] BOMBARDIER INC., CA
		[85] 2016-03-23
		[86] 2014-09-25 (PCT/IB2014/064835)
		[87] (WO2015/044895)
		[30] US (61/883,396) 2013-09-27

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[21] **2,925,247**  
[13] A1

[51] **Int.Cl. E21B 19/08 (2006.01) B66D 5/10 (2006.01) B66D 5/30 (2006.01)**

[25] FR

[54] **DISPOSITIF DE COMMANDE DE FREIN D'UN TAMBOUR DE TREUIL EQUIPANT UNE PLATEFORME DE FORAGE ET PROCEDE POUR CONTROLER UN TEL DISPOSITIF**

[54] **A DEVICE FOR CONTROLLING A BRAKE OF A DRUM OF A DRAW-WORKS EQUIPPING A DRILLING RIG, AND A METHOD OF CONTROLLING SUCH A DEVICE**

[72] IMBAULT, BERNARD, FR

[71] AUTELEC, FR

[85] 2016-03-23

[86] 2014-09-16 (PCT/EP2014/069698)

[87] (WO2015/044004)

[30] FR (FR1359187 / FA787244) 2013-09-24

[21] **2,925,287**  
[13] A1

[51] **Int.Cl. A23P 30/40 (2016.01) A23K 10/00 (2016.01) A23K 40/00 (2016.01) A23L 29/00 (2016.01) A23L 29/20 (2016.01) A23L 29/269 (2016.01) A23L 33/00 (2016.01) A23P 10/40 (2016.01) A23C 9/152 (2006.01) A23F 5/00 (2006.01) A23L 2/40 (2006.01) A23L 2/54 (2006.01)**

[25] EN

[54] **POWDER COMPOSITION FOR AN AERATED FOOD PRODUCT**

[54] **COMPOSITION EN POUFRE POUR PRODUIT ALIMENTAIRE AERE**

[72] POORTINGA, ALBERT THIJS, NL

[72] VAN SEEVENTER, PAUL BASTIAAN, NL

[72] ARNAUDOV, LUBEN NIKOLAEV, NL

[72] STOYANOV, SIMEON DOBREV, NL

[71] FRIESLANDCAMPINA NEDERLAND B.V., NL

[85] 2016-03-23

[86] 2014-10-07 (PCT/NL2014/050696)

[87] (WO2015/053623)

[30] EP (13187767.2) 2013-10-08

[21] **2,925,304**  
[13] A1

[51] **Int.Cl. C07K 14/52 (2006.01) C12N 5/078 (2010.01) A61K 9/10 (2006.01) A61K 9/51 (2006.01) A61K 38/20 (2006.01) A61K 47/48 (2006.01) C07D 207/46 (2006.01) C07K 1/00 (2006.01) C07K 14/00 (2006.01) C07K 14/55 (2006.01) C12N 11/02 (2006.01)**

[25] EN

[54] **CARRIER-FREE BIOLOGICALLY-ACTIVE PROTEIN NANOSTRUCTURES**

[54] **NANOSTRUCTURES PROTEIQUES BIOLOGIQUEMENT ACTIVES SANS ENTRAINEUR**

[72] TANG, LI, US

[72] IRVINE, DARRELL J., US

[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US

[85] 2016-03-23

[86] 2014-09-26 (PCT/US2014/057789)

[87] (WO2015/048498)

[30] US (61/883,503) 2013-09-27

[21] **2,925,742**  
[13] A1

[51] **Int.Cl. B60W 10/08 (2006.01) B60K 6/46 (2007.10) B60K 6/48 (2007.10) B60L 11/18 (2006.01) B60W 20/00 (2016.01)**

[25] EN

[54] **ALL ELECTRIC / ELECTRICAL VEHICLES**

[54] **VEHICULES ELECTRIQUES/TOUT ELECTRIQUE**

[72] ZHAO, DEZHOU DAVID, CA

[71] ZHAO, DEZHOU DAVID, CA

[85] 2016-03-29

[86] 2014-10-22 (PCT/US2014/061736)

[87] (WO2015/061427)

[30] US (14/061,016) 2013-10-23

[21] **2,925,834**  
[13] A1

[51] **Int.Cl. A61K 8/36 (2006.01) A61K 8/19 (2006.01) A61K 8/26 (2006.01) A61Q 15/00 (2006.01)**

[25] EN

[54] **IMPROVED ANTIPERSPIRANT COMPOSITION**

[54] **COMPOSITION ANTIPERSPIRANTE AMELIOREE**

[72] BRITZE, LENE, DK

[71] RIEMANN TRADING APS, DK

[85] 2016-03-30

[86] 2014-10-08 (PCT/DK2014/050322)

[87] (WO2015/051805)

[30] DK (PA 2013 70568) 2013-10-09

[21] **2,925,865**  
[13] A1

[51] **Int.Cl. B62J 99/00 (2009.01) B60R 1/00 (2006.01)**

[25] EN

[54] **IN-VEHICLE PICTURE STORAGE DEVICE FOR MOTORCYCLE**

[54] **DISPOSITIF DE STOCKAGE DE PHOTO EMBARQUE DESTINE A UNE MOTOCYCLETTE**

[72] NOGUCHI, KOHEI, JP

[72] SASAKI, TAKASHI, JP

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

[85] 2016-03-30

[86] 2013-10-04 (PCT/JP2013/077110)

[87] (WO2015/049792)

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[21] **2,925,882**  
[13] A1

[51] **Int.Cl. H04W 16/08 (2009.01) H04W 16/32 (2009.01) H04W 52/02 (2009.01) H04W 92/12 (2009.01)**

[25] EN

[54] **COMMUNICATION CONTROL APPARATUS, COMMUNICATION CONTROL METHOD, RADIO COMMUNICATION APPARATUS, RADIO COMMUNICATION METHOD AND COMMUNICATION SYSTEM**

[54] **APPAREIL DE CONTROLE DE COMMUNICATION, METHODE DE CONTROLE DE COMMUNICATION, APPAREIL DE COMMUNICATION RADIO, METHODE DE COMMUNICATION RADIO ET SYSTEME DE COMMUNICATION**

[72] SAWAI, RYO, JP

[71] SONY CORPORATION, JP

[85] 2016-03-30

[86] 2014-07-24 (PCT/JP2014/069535)

[87] (WO2015/052973)

[30] JP (2013-210045) 2013-10-07

[21] **2,925,885**  
[13] A1

[51] **Int.Cl. E04B 1/26 (2006.01) E04B 1/58 (2006.01)**

[25] EN

[54] **FRAMING HARDWARE**

[54] **MATERIEL DE CONSTRUCTION DE STRUCTURE**

[72] HIRATA, KOICHIRO, JP

[72] HARA, SYUNSUKE, JP

[71] NICE HOLDINGS, INC., JP

[85] 2016-03-30

[86] 2015-04-16 (PCT/JP2015/061680)

[87] (WO2016/024418)

[21] **2,925,915**  
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61K 47/48 (2006.01) A61K 49/00 (2006.01) A61P 35/00 (2006.01) C07K 14/21 (2006.01) C07K 14/415 (2006.01) C07K 16/46 (2006.01) C07K 19/00 (2006.01) G01N 33/574 (2006.01)**

[25] EN

[54] **ANTI-EPCAM ANTIBODIES AND METHODS OF USE**

[54] **ANTICORPS ANTI-EPCAM ET LEURS PROCEDES D'UTILISATION**

[72] CIZEAU, JEANNICK, CA

[72] PREMSUKH, ARJUNE, CA

[72] CHOONIEDASS, SHILPA, CA

[72] MACDONALD, GLEN, CA

[72] ENTWISTLE, JOYCELYN, CA

[71] VIVENTIA BIO INC., CA

[85] 2016-03-29

[86] 2014-10-02 (PCT/CA2014/050950)

[87] (WO2015/048901)

[30] US (61/885,817) 2013-10-02

[30] US (62/030,805) 2014-07-30

[21] **2,925,917**  
[13] A1

[51] **Int.Cl. F24J 2/00 (2014.01) F24D 5/02 (2006.01) F24D 11/00 (2006.01) F24D 19/08 (2006.01) F24F 7/00 (2006.01) F24F 7/02 (2006.01) F24F 7/10 (2006.01) F24J 2/04 (2006.01) F24J 2/26 (2006.01) F24J 2/52 (2006.01)**

[25] EN

[54] **SOLAR AIR HEATING / COOLING SYSTEM**

[54] **SYSTEME DE CHAUFFAGE/REFROIDISSEMENT D'AIR SOLAIRE**

[72] COULTER, GRACE, NZ

[71] COULTER, GRACE, NZ

[85] 2016-03-30

[86] 2013-10-02 (PCT/NZ2013/000185)

[87] (WO2014/054954)

[30] NZ (602507) 2012-10-02

[21] **2,925,940**  
[13] A1

[51] **Int.Cl. B21C 37/15 (2006.01) B23P 11/02 (2006.01) F16L 9/04 (2006.01) B21C 1/24 (2006.01) B21C 9/00 (2006.01) B21C 37/06 (2006.01)**

[25] EN

[54] **PROCESS FOR PRODUCING A MULTILAYER PIPE HAVING A METALLURGICAL BOND BY DRAWING, AND MULTILAYER PIPE PRODUCED BY THIS PROCESS**

[54] **PROCESSUS DE PRODUCTION D'UN TUYAU A COUCHES MULTIPLES PRESENTANT UNE LIAISON METALLURGIQUE PAR ETIRAGE, ET TUYAU A COUCHES MULTIPLES PRODUIT PAR CE PROCESSUS**

[72] SILVEIRA E SILVA, JULIO MARCIO, BR

[72] EBELING, TIMO, BR

[72] DA SILVA PERDIGAO, HEZICK, BR

[72] GRANHA GIORGINI, DANIELLE, BR

[72] DA SILVA PENNA, ANTONIO WAGNER, BR

[71] VALLOUREC TUBOS DO BRASIL S.A., BR

[85] 2016-03-31

[86] 2014-07-23 (PCT/BR2014/000249)

[87] (WO2014/169366)

[30] BR (BR 10 2013 021664 0) 2013-08-23

[21] **2,925,948**  
[13] A1

[51] **Int.Cl. F16F 9/04 (2006.01)**

[25] EN

[54] **AIR SPRING WITH SLIDING ELEMENT**

[54] **RESSORT PNEUMATIQUE POURVU D'UN ELEMENT COULISSANT**

[72] RACINE, JEROME, FR

[71] CONTITECH FRANCE SNC, FR

[85] 2016-03-31

[86] 2014-07-29 (PCT/EP2014/066217)

[87] (WO2015/055331)

[30] EP (13290247.9) 2013-10-16

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[13] A1

[51] **Int.Cl. F24F 13/10 (2006.01) F24F 13/02 (2006.01) F24F 13/14 (2006.01)**

[25] EN

[54] **DAMPER, INSTALLATION KIT FOR DAMPER AND DAMPER KIT INSTALLATION METHOD FOR COOKING OPERATIONS**

[54] **REGISTRE, KIT D'INSTALLATION POUR REGISTRE ET PROCEDE D'INSTALLATION DE KIT DE REGISTRE POUR OPERATIONS DE CUISSON**

[72] ROUSSEAU, MARIO, CA  
[71] INTELLINOX INC., CA  
[85] 2016-03-30  
[86] 2014-10-01 (PCT/CA2014/050942)  
[87] (WO2015/048895)  
[30] US (61/885,238) 2013-10-01

[21] **2,925,950**  
[13] A1

[51] **Int.Cl. B65H 23/16 (2006.01) B65H 20/34 (2006.01) B65H 35/00 (2006.01)**

[25] EN

[54] **ROLLED PRODUCT DISPENSER**

[54] **DISTRIBUTEUR DE PRODUIT ENROULE**

[72] MORAND, MICHEL, CA  
[71] CASCADES CANADA ULC, CA  
[85] 2016-03-30  
[86] 2014-10-16 (PCT/CA2014/050995)  
[87] (WO2015/054787)  
[30] US (61/891,652) 2013-10-16

[21] **2,925,953**  
[13] A1

[51] **Int.Cl. A01N 43/56 (2006.01) A01N 25/00 (2006.01) A01N 47/40 (2006.01) C07D 231/40 (2006.01)**

[25] EN

[54] **PROCESSES FOR THE PREPARATION OF PESTICIDAL COMPOUNDS**

[54] **PROCEDES DE PREPARATION DE COMPOSES PESTICIDES**

[72] YANG, QIANG, US  
[72] LORSBACH, BETH, US  
[72] WHITEKER, GREG, US  
[72] ROTH, GARY, US  
[72] DEAMICIS, CARL, US  
[72] CLARK, THOMAS P., US  
[72] GRAY, KAITLYN, US  
[72] CANTURK, BELGIN, US  
[72] KANE, ELISABETH J., US  
[72] ZHANG, YU, US  
[72] MUHUHI, JOSECK M., US  
[71] DOW AGROSCIENCES LLC, US  
[85] 2016-03-30  
[86] 2014-10-17 (PCT/US2014/061016)  
[87] (WO2015/058024)  
[30] US (61/892,113) 2013-10-17  
[30] US (62/001,923) 2014-05-22  
[30] US (62/041,943) 2014-08-26

[21] **2,925,954**  
[13] A1

[51] **Int.Cl. A01N 43/56 (2006.01) A01N 25/00 (2006.01) A01N 47/40 (2006.01) C07D 231/40 (2006.01)**

[25] EN

[54] **PROCESSES FOR THE PREPARATION OF PESTICIDAL COMPOUNDS**

[54] **PROCEDES DE PREPARATION DE COMPOSES PESTICIDES**

[72] YANG, QIANG, US  
[72] LORSBACH, BETH, US  
[72] ROSS, RONALD, JR., US  
[72] GRAY, KAITLYN, US  
[72] ZHANG, YU, US  
[72] ROTH, GARY, US  
[71] DOW AGROSCIENCES LLC, US  
[85] 2016-03-30  
[86] 2014-10-17 (PCT/US2014/061024)  
[87] (WO2015/058026)  
[30] US (61/892,137) 2013-10-17  
[30] US (62/001,929) 2014-05-22  
[30] US (62/036,861) 2014-08-13

[21] **2,925,955**  
[13] A1

[51] **Int.Cl. F25J 3/02 (2006.01) C10L 3/10 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR SEPARATING HYDROCARBONS AND CONTAMINANTS WITH A HEATING MECHANISM TO DESTABILIZE AND/OR PREVENT ADHESION OF SOLIDS**

[54] **PROCEDE ET DISPOSITIF DESTINES A LA SEPARATION DES HYDROCARBURES ET DES CONTAMINANTS AVEC UN MECANISME DE CHAUFFAGE POUR DESTABILISER ET/OU EMPECHER L'ADHERENCE DES SOLIDES**

[72] VALENCIA, JAIME A., US  
[72] DECKMAN, HARRY W., US  
[72] MART, CHARLES J., US  
[72] WILKINS, JAMES T., US  
[72] NORTHROP, PAUL SCOTT, US  
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US  
[85] 2016-03-30  
[86] 2014-10-17 (PCT/US2014/061034)  
[87] (WO2015/084500)  
[30] US (61/912,986) 2013-12-06

[21] **2,925,958**  
[13] A1

[51] **Int.Cl. B02C 4/08 (2006.01) B02C 13/28 (2006.01) B02C 18/18 (2006.01)**

[25] EN

[54] **ARRANGEMENT FOR ACCOMMODATING A CRUSHER TOOTH ON A CRUSHING ROLLER OF A CRUSHER**

[54] **ARRANGEMENT SERVANT A ACCOMMODER UNE DENT DE BROYAGE SUR UN ROULEAU DE BROYAGE D'UN BROYEUR**

[72] LEUSCHEN, GUIDO, DE  
[72] SZCZELINA, PIOTR, DE  
[72] FUHRMANN, BERNHARD, DE  
[72] PAPAJEWSKI, DETLEF, DE  
[71] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE  
[85] 2016-03-31  
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[87] (WO2015/055288)  
[30] DE (10 2013 111 312.5) 2013-10-14

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[13] A1

[51] **Int.Cl. A22C 17/12 (2006.01) A22B 5/16 (2006.01)**  
[25] EN  
[54] **A SKINNING DEVICE FOR REMOVING SKIN FROM AN ANIMAL CARCASS PART WHEN CONVEYED BY A CONVEYOR MEANS**  
[54] **DISPOSITIF D'ECORCHEMENT POUR RETIRER LA PEAU D'UNE PARTIE DE CARCASSE D'UN ANIMAL LORSQU'ELLE EST ACHEMINEE PAR UN MOYEN D'ACHEMINEMENT**  
[72] JANSSEN, CORNELIS JOANNES, NL  
[72] VAN DER STEEN, FRANCISCUS THEODORUS HENRICUS JOHANNES, NL  
[71] MAREL MEAT PROCESSING B.V., NL  
[85] 2016-03-31  
[86] 2014-10-03 (PCT/EP2014/071259)  
[87] (WO2015/049380)  
[30] EP (13187406.7) 2013-10-04

[21] **2,925,980**  
[13] A1

[51] **Int.Cl. C06B 23/00 (2006.01)**  
[25] EN  
[54] **STABILIZED NITROCELLULOSE-BASED PROPELLANT COMPOSITION**  
[54] **COMPOSITION DE GAZ PROPULSEUR A BASE DE NITROCELLULOSE STABILISEE**  
[72] DEJEAIFVE, ALAIN, BE  
[72] BERTON, VINCENT, BE  
[72] DOBSON, ROWAN, BE  
[71] PB CLERMONT SA, BE  
[85] 2016-03-31  
[86] 2014-10-01 (PCT/EP2014/071041)  
[87] (WO2015/049286)  
[30] GB (1317423.0) 2013-10-02

[21] **2,925,987**  
[13] A1

[51] **Int.Cl. A01N 43/56 (2006.01) A01N 33/10 (2006.01) A01N 43/40 (2006.01)**  
[25] EN  
[54] **PESTICIDAL COMPOSITIONS AND RELATED METHODS**  
[54] **COMPOSITIONS PESTICIDES ET PROCEDES ASSOCIES**  
[72] NIYAZ, NOORMOHAMED M., US  
[72] BUYASSE, ANN M., US  
[72] DEMETER, DAVID A., US  
[72] GARIZI, NEGAR, US  
[72] HUNTER, RICKY, US  
[72] KNUEPPEL, DANIEL, US  
[72] LEPLAE, PAUL R., US  
[72] LOWE, CHRISTIAN T., US  
[72] PATNY, AKSHAY, US  
[72] TRULLINGER, TONY K., US  
[72] WALSH, MARTIN J., US  
[72] ZHANG, YU, US  
[71] DOW AGROSCIENCES LLC, US  
[85] 2016-03-30  
[86] 2014-10-17 (PCT/US2014/061049)  
[87] (WO2015/061151)  
[30] US (61/894,281) 2013-10-22

[21] **2,925,990**  
[13] A1

[51] **Int.Cl. F04C 2/324 (2006.01)**  
[25] EN  
[54] **PORTABLE FUEL PUMP**  
[54] **POMPE A CARBURANT PORTATIVE**  
[72] BERRY, JACOB J., US  
[71] TUTHILL CORPORATION, US  
[85] 2016-03-30  
[86] 2014-10-17 (PCT/US2014/061092)  
[87] (WO2015/058061)  
[30] US (61/892,058) 2013-10-17  
[30] US (14/516,143) 2014-10-16

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[13] A1

[51] **Int.Cl. C07C 15/08 (2006.01) B01J 21/04 (2006.01) B01J 23/06 (2006.01) B01J 29/40 (2006.01) B01J 29/90 (2006.01) B01J 35/10 (2006.01) B01J 37/02 (2006.01) B01J 38/02 (2006.01) B01J 38/12 (2006.01) C07C 1/20 (2006.01) C07C 15/02 (2006.01) C10G 3/00 (2006.01)**  
[25] EN  
[54] **CATALYST FOR SELECTIVE CONVERSION OF OXYGENATES TO AROMATICS**  
[54] **CATALYSEUR DE CONVERSION SELECTIVE D'OXYGENATS EN AROMATIQUES**  
[72] MCCARTHY, STEPHEN J., US  
[72] LOVELESS, BRETT, US  
[72] VIJAY, ROHIT, US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2016-03-30  
[86] 2014-12-04 (PCT/US2014/068503)  
[87] (WO2015/094679)  
[30] US (61/918,994) 2013-12-20  
[30] US (61/918,984) 2013-12-20  
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[21] **2,925,996**  
[13] A1

[51] **Int.Cl. C07C 15/08 (2006.01) B01J 23/06 (2006.01) B01J 29/40 (2006.01) B01J 29/90 (2006.01) B01J 35/10 (2006.01) B01J 37/02 (2006.01) B01J 38/02 (2006.01) B01J 38/12 (2006.01) C07C 1/20 (2006.01) C07C 15/02 (2006.01) C10G 3/00 (2006.01)**  
[25] EN  
[54] **CATALYST FOR CONVERSION OF OXYGENATES TO AROMATICS**  
[54] **CATALYSEUR DE CONVERSION D'OXYGENATS EN AROMATIQUES**  
[72] LOVELESS, BRETT, US  
[72] VIJAY, ROHIT, US  
[72] ILIAS, SAMIA, US  
[72] MCCARTHY, STEPHEN J., US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2016-03-30  
[86] 2014-12-04 (PCT/US2014/068506)  
[87] (WO2015/094681)  
[30] US (61/918,984) 2013-12-20  
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[13] A1

[51] **Int.Cl. B08B 9/032 (2006.01) E03B 7/00 (2006.01)**

[25] FR

[54] **METHOD OF TREATING THE PIPES OF A DRINKING WATER NETWORK OF AN AIRCRAFT, FOR CLEANING PURPOSES**

[54] **PROCEDE DE TRAITEMENT A DES FINS DE NETTOYAGE DES CANALISATIONS D'UN RESEAU D'EAU POTABLE D'UN AERONEF**

[72] BOUKARI, MOROU, FR

[71] PRODOSE, FR

[85] 2016-03-31

[86] 2014-10-09 (PCT/FR2014/052564)

[87] (WO2015/052443)

[30] FR (1359846) 2013-10-10

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[13] A1

[51] **Int.Cl. A43B 1/00 (2006.01) A43B 13/22 (2006.01)**

[25] EN

[54] **NON-SLIP TREAD WITH ALVEOLAR STRUCTURE**

[54] **SEMELLE ANTIDERAPANTE DOTEE D'UNE STRUCTURE ALVEOLAIRE**

[72] BIANCUCCI, DEMETRIO, IT

[72] BRASCA, ALFREDO, IT

[71] AL.PI. S.R.L., IT

[85] 2016-03-31

[86] 2014-10-01 (PCT/EP2014/002675)

[87] (WO2015/049053)

[30] IT (AN2013A000181) 2013-10-03

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[13] A1

[51] **Int.Cl. F01D 5/14 (2006.01) F04D 29/32 (2006.01) F04D 29/68 (2006.01)**

[25] FR

[54] **TURBOMACHINE PART WITH A NON-AXISYMMETRIC SURFACE**

[54] **PIECE DE TURBOMACHINE A SURFACE NON-AXISYMETRIQUE**

[72] CELLIER, DAMIEN JOSEPH, FR

[71] SNECMA, FR

[85] 2016-03-31

[86] 2014-10-10 (PCT/FR2014/052586)

[87] (WO2015/052455)

[30] FR (1359895) 2013-10-11

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[13] A1

[51] **Int.Cl. F25B 15/06 (2006.01) F25B 17/02 (2006.01)**

[25] EN

[54] **COOLING DEVICE AND METHOD FOR COOLING A MEDIUM**

[54] **DISPOSITIF DE REFROIDISSEMENT ET PROCEDE PERMETTANT DE REFROIDIR UN FLUIDE**

[72] BLUG, MATTHIAS, DE

[72] BUSSE, JENS, DE

[72] WILLMES, SEBASTIAN, DE

[72] BOUCHE, MARTIN, DE

[72] LINDER, MARC, DE

[72] MOLENDIA, MARGARETHE, DE

[71] EVONIK DEGUSSA GMBH, DE

[85] 2016-03-31

[86] 2014-09-23 (PCT/EP2014/070214)

[87] (WO2015/051992)

[30] DE (102013220260.1) 2013-10-08

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[13] A1

[51] **Int.Cl. B32B 17/10 (2006.01)**

[25] FR

[54] **GLASS PANEL FOR DISPLAY SYSTEM**

[54] **VITRAGE POUR SYSTEME DE VISUALISATION**

[72] CLABAU, FREDERIC, FR

[72] LABROT, MICHAEL, DE

[72] LEMAIRE, MARC, FR

[72] DUCLOS, MARIE-CHRISTINE, FR

[72] METAY, ESTELLE, FR

[71] SAINT-GOBAIN GLASS FRANCE, FR

[85] 2016-03-31

[86] 2014-10-15 (PCT/FR2014/052625)

[87] (WO2015/059385)

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[21] **2,926,007**  
[13] A1

[51] **Int.Cl. B26D 1/30 (2006.01)**

[25] EN

[54] **CUTTING TOOL WITH QUICK-RELEASE ACTUATED BLADE GUIDE**

[54] **OUTIL DE COUPE AVEC GUIDE-LAME A ACTIONNEMENT DE LIBERATION RAPIDE**

[72] CHIASSON, MARK ANDREW, US

[72] JOHNS, ANDREW BEECH, US

[72] TORREY, CAMERON MICHAEL-DANIEL, US

[72] WASON, PETER MATTHEW, US

[71] HUBBELL INCORPORATED, US

[85] 2016-03-31

[86] 2014-09-19 (PCT/US2014/056657)

[87] (WO2015/050725)

[30] US (14/043,136) 2013-10-01

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[13] A1

[51] **Int.Cl. F16L 58/10 (2006.01) F16L 55/164 (2006.01) F16L 55/18 (2006.01)**

[25] EN

[54] **APPARATUS FOR DELIVERING MATERIAL TO A PIPE**

[54] **APPAREIL POUR LA DISTRIBUTION DE MATERIAU A UNE CONDUITE**

[72] CHRISTOPHER, RICHARD, GB

[71] HTC MANAGEMENT SERVICES LIMITED, GB

[85] 2016-03-31

[86] 2014-09-24 (PCT/GB2014/052897)

[87] (WO2015/044657)

[30] GB (1316936.2) 2013-09-24

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[13] A1

[51] **Int.Cl. D21H 21/00 (2006.01) D21H 17/33 (2006.01)**  
[25] EN  
[54] **USE OF NANOCRYSTALLINE CELLULOSE AND POLYMER GRAFTED NANOCRYSTALLINE CELLULOSE FOR INCREASING RETENTION, WET STRENGTH, AND DRY STRENGTH IN PAPERMAKING PROCESS**  
[54] **UTILISATION DE CELLULOSE NANOCRISTALLINE ET DE CELLULOSE NANOCRISTALLINE GREFFEE A UN POLYMERE POUR AUGMENTATION DE LA RETENTION, DE LA RESISTANCE A ETAT HUMIDE ET DE RESISTANCE A L'ETAT SEC DANS UN PROCESSUS DE FABRICATION DE PAPIER**  
[72] CASTRO, DAVID J., US  
[72] KARNATI, RANGARANI, US  
[72] WILSON, SHAWNEE M., US  
[72] CHENG, WEIGUO, US  
[72] LIU, MEI, US  
[72] ZHANG, ZHIYI, US  
[71] ECOLAB USA INC., US  
[85] 2016-03-31  
[86] 2014-09-29 (PCT/US2014/057985)  
[87] (WO2015/050806)  
[30] US (14/042,888) 2013-10-01

[21] **2,926,010**  
[13] A1

[51] **Int.Cl. H01M 10/056 (2010.01) C07F 5/00 (2006.01) C07F 5/02 (2006.01) C07F 5/06 (2006.01) H01M 6/14 (2006.01) H01M 14/00 (2006.01) H01L 31/00 (2006.01)**  
[25] EN  
[54] **METHOD FOR PREPARATION OF CYANO COMPOUNDS OF THE 13TH GROUP WITH A LEWIS ACID**  
[54] **PROCEDE DE PREPARATION DE COMPOSES CYANO DU GROUPE 13 AVEC UN ACIDE DE LEWIS**  
[72] SIEVERT, KATHARINA, DE  
[72] SCHULZ, AXEL, DE  
[72] HARLOFF, JORG, DE  
[72] ELLINGER, STEFAN, CH  
[72] TAESCHLER, CHRISTOPH, CH  
[72] ZUR TAESCHLER, CORNELIA, CH  
[71] LONZA LTD, CH  
[85] 2016-03-31  
[86] 2014-09-23 (PCT/EP2014/070233)  
[87] (WO2015/067405)  
[30] EP (13192373.2) 2013-11-11  
[30] EP (13193107.3) 2013-11-15  
[30] US (61/904,748) 2013-11-15  
[30] EP (14155420.4) 2014-02-17  
[30] EP (14167175.0) 2014-05-06  
[30] EP (14169209.5) 2014-05-21  
[30] EP (14177996.7) 2014-07-22  
[30] EP (14178322.5) 2014-07-24  
[30] EP (14179786.0) 2014-08-05  
[30] EP (14181021.8) 2014-08-14

[21] **2,926,011**  
[13] A1

[51] **Int.Cl. B03D 1/001 (2006.01)**  
[25] EN  
[54] **FROTHERS FOR MINERAL FLOTATION**  
[54] **MOUSSANTS POUR LA FLOTTATION DE MINERAUX**  
[72] COUNTER, JAMES ADRIAN, AU  
[72] KILDEA, JOHN D., AU  
[71] ECOLAB USA INC., US  
[85] 2016-03-31  
[86] 2014-09-29 (PCT/US2014/057990)  
[87] (WO2015/050807)  
[30] US (14/042,974) 2013-10-01

[21] **2,926,012**  
[13] A1

[51] **Int.Cl. B03D 1/00 (2006.01)**  
[25] EN  
[54] **COLLECTORS FOR MINERAL FLOTATION**  
[54] **COLLECTEURS POUR LA FLOTTATION DE MINERAUX**  
[72] COUNTER, JAMES ADRIAN, AU  
[72] KILDEA, JOHN D., AU  
[71] ECOLAB USA INC., US  
[85] 2016-03-31  
[86] 2014-09-29 (PCT/US2014/057994)  
[87] (WO2015/050808)  
[30] US (14/042,994) 2013-10-01

[21] **2,926,013**  
[13] A1

[51] **Int.Cl. C10M 169/04 (2006.01)**  
[25] EN  
[54] **ESTOLIDE COMPOSITIONS EXHIBITING SUPERIOR PROPERTIES IN LUBRICANT COMPOSITION**  
[54] **COMPOSITIONS D'ESTOLIDE PRESENTANT DES PROPRIETES AMELIOREES DANS UNE COMPOSITION LUBRIFIANTE**  
[72] BREDSGUARD, JAKOB, US  
[71] BIOSYNTHETIC TECHNOLOGIES, LLC, US  
[85] 2016-03-31  
[86] 2014-09-30 (PCT/US2014/058262)  
[87] (WO2015/050858)  
[30] US (61/886,023) 2013-10-02  
[30] US (61/898,457) 2013-10-31

[21] **2,926,014**  
[13] A1

[51] **Int.Cl. A61K 9/20 (2006.01) A61K 38/17 (2006.01) A61M 37/00 (2006.01)**  
[25] EN  
[54] **IMPLANTABLE SOLID DOSAGE FORM**  
[54] **FORME PHARMACEUTIQUE SOLIDE IMPLANTABLE**  
[72] CHOWDHURY, DEWAN FAZLUL HOQUE, GB  
[71] NDM TECHNOLOGIES LIMITED, GB  
[85] 2016-03-31  
[86] 2014-10-02 (PCT/GB2014/052985)  
[87] (WO2015/049528)  
[30] GB (1317641.7) 2013-10-05  
[30] GB (1413253.4) 2014-07-25

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[13] A1  
[51] **Int.Cl. C12N 9/02 (2006.01) A61K 47/48 (2006.01) C12N 15/62 (2006.01)**  
[25] EN  
[54] **HEXAPEPTIDE AND USES THEREOF**  
[54] **HEXAPEPTIDE ET SES UTILISATIONS**  
[72] MANCINI, ALDO, IT  
[71] MANCINI, ALDO, IT  
[85] 2016-03-31  
[86] 2014-10-02 (PCT/EP2014/071202)  
[87] (WO2015/049354)  
[30] IT (RM2013A000538) 2013-10-03

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[21] **2,926,016**  
[13] A1  
[51] **Int.Cl. B01D 3/34 (2006.01) A61K 8/97 (2006.01) C11B 1/10 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR EXTRACTING BOTANICAL OILS**  
[54] **PROCEDE ET APPAREIL POUR EXTRAIRE DES HUILES BOTANIQUES**  
[72] THOMAS, C. RUSSELL, US  
[71] NATURAL EXTRACTION SERVICES, LLC, US  
[85] 2016-03-31  
[86] 2014-10-06 (PCT/IB2014/002383)  
[87] (WO2015/049585)  
[30] US (61/886,908) 2013-10-04

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[13] A1  
[51] **Int.Cl. C01B 13/11 (2006.01)**  
[25] FR  
[54] **OZONE GENERATOR**  
[54] **GENERATEUR D'OZONE**  
[72] RAMOINO, LUCA, CH  
[72] SEYRLING, SIEGHARD, CH  
[72] MULLER, MARCO, CH  
[71] DEGREMONT TECHNOLOGIES AG, CH  
[85] 2016-03-31  
[86] 2014-10-03 (PCT/EP2014/071248)  
[87] (WO2015/049376)  
[30] FR (1359658) 2013-10-04

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[21] **2,926,018**  
[13] A1  
[51] **Int.Cl. A61F 5/01 (2006.01)**  
[25] EN  
[54] **ORTHOPEDIC DEVICE FOR THE CORRECTION OF HALLUX VALGUS**  
[54] **DISPOSITIF ORTHOPEDIQUE POUR LA CORRECTION D'HALLUX VALGUS**  
[72] CIESIELSKI, ALBERT, PL  
[71] CIESIELSKI, ALBERT, PL  
[85] 2016-03-31  
[86] 2013-10-07 (PCT/IB2013/059186)  
[87] (WO2015/052554)

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[13] A1  
[51] **Int.Cl. H05K 7/14 (2006.01) H05K 7/20 (2006.01) H05K 9/00 (2006.01)**  
[25] EN  
[54] **SUPPORT STRUCTURE FOR POWER ELECTRONICS**  
[54] **STRUCTURE PORTEUSE POUR ELECTRONIQUE DE PUISSANCE**  
[72] LINDBLOM, MARCUS, CH  
[72] WEISS, MICHAEL, CH  
[71] ABB TECHNOLOGY AG, CH  
[85] 2016-03-31  
[86] 2014-10-06 (PCT/EP2014/071294)  
[87] (WO2015/049386)  
[30] DE (10 2013 111 018.5) 2013-10-04

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[13] A1  
[51] **Int.Cl. A01N 41/10 (2006.01) A61K 31/095 (2006.01) A61K 31/10 (2006.01)**  
[25] EN  
[54] **USE OF PROPYL PROPANE THIOSULFINATE AND PROPYL PROPANE THIOSULFONATE FOR THE PREVENTION AND REDUCTION OF PARASITES IN AQUATIC ANIMALS**  
[54] **UTILISATION DE THIOSULFINATE DE PROPYLPROPANE ET DE THIOSULFONATE POUR PREVENIR ET REDUIRE LES PARASITES CHEZ LES ANIMAUX AQUATIQUES**  
[72] LECHADO, CRISTINA NUNEZ, ES  
[72] ARJONA, ALBERTO BANOS, ES  
[72] AYALA, ENRIQUE GUILLAMON, ES  
[72] LOPEZ, ADELA VALERO, ES  
[72] MOLL, MA CONCEPCION NAVARRO, ES  
[72] RUS, ANA SANZ, ES  
[71] INVESTFOOD, LLC, ES  
[85] 2016-03-31  
[86] 2014-09-30 (PCT/IB2014/002548)  
[87] (WO2015/049587)  
[30] US (14/043,160) 2013-10-01

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[13] A1  
[51] **Int.Cl. A61M 25/01 (2006.01) A61M 25/09 (2006.01)**  
[25] EN  
[54] **CATHETER ADVANCEMENT DEVICE**  
[54] **DISPOSITIF POUR FAIRE PROGRESSER UN CATHETER**  
[72] KHALAJ, STEVE SAEED, US  
[71] AVENT, INC., US  
[85] 2016-03-31  
[86] 2014-09-16 (PCT/IB2014/064566)  
[87] (WO2015/059588)  
[30] US (14/061,825) 2013-10-24

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[13] A1

[51] **Int.Cl. H01L 25/07 (2006.01) H02M 1/34 (2007.01) H01L 25/16 (2006.01)**  
[25] EN  
[54] **SEMICONDUCTOR STACK FOR CONVERTER WITH SNUBBER CAPACITORS**  
[54] **EMPILEMENT DE SEMI-CONDUCTEURS POUR CONVERTISSEUR EQUIPE DE CONDENSATEURS D'AMORTISSEMENT**  
[72] SENTURK, OSMAN, CH  
[72] STEIMER, PETER, CH  
[71] ABB TECHNOLOGY AG, CH  
[85] 2016-03-31  
[86] 2014-10-06 (PCT/EP2014/071296)  
[87] (WO2015/049387)  
[30] DE (20 2013 104 510.1) 2013-10-04

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[13] A1

[51] **Int.Cl. F25D 19/00 (2006.01) B64D 11/04 (2006.01) B64D 13/08 (2006.01)**  
[25] EN  
[54] **IMPROVED CHILLED AIR PLENUM SYSTEM FOR AIRCRAFT GALLEYS**  
[54] **SYSTEME DE PLENUM D'AIR FRAIS AMELIORE POUR CUISINES D'AERONEFS**  
[72] BURD, PETER JOHN LESLIE, GB  
[71] B/E AEROSPACE, INC., US  
[85] 2016-03-31  
[86] 2014-10-01 (PCT/US2014/058700)  
[87] (WO2015/054009)  
[30] US (61/887,633) 2013-10-07  
[30] US (14/502,470) 2014-09-30

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[13] A1

[51] **Int.Cl. A61M 5/34 (2006.01) A61M 25/00 (2006.01) A61M 39/06 (2006.01) A61M 39/10 (2006.01) A61M 39/12 (2006.01) F16L 31/00 (2006.01)**  
[25] EN  
[54] **CATHETER CONNECTOR**  
[54] **RACCORD DE CATHETER**  
[72] KHALAJ, STEVE SAEED, US  
[71] AVENT, INC., US  
[85] 2016-03-31  
[86] 2014-09-17 (PCT/IB2014/064604)  
[87] (WO2015/063623)  
[30] US (14/066,045) 2013-10-29

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[51] **Int.Cl. A61K 39/21 (2006.01) A61K 39/39 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 14/705 (2006.01)**  
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[54] **VACCINES WITH INTERLEUKIN-33 AS AN ADJUVANT**  
[54] **VACCINS AYANT POUR ADJUVANT L'INTERLEUKINE-33**  
[72] WEINER, DAVID, US  
[72] VILLARREAL, DANIEL, US  
[72] MORROW, MATTHEW, US  
[72] YAN, JIAN, US  
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US  
[71] INOVIO PHARMACEUTICALS, INC., US  
[85] 2016-03-31  
[86] 2014-10-02 (PCT/US2014/058727)  
[87] (WO2015/054012)  
[30] US (61/887,502) 2013-10-07  
[30] US (61/895,673) 2013-10-25

[21] **2,926,026**  
[13] A1

[51] **Int.Cl. G01N 27/327 (2006.01)**  
[25] EN  
[54] **BIOSENSOR WITH BYPASS ELECTRODES**  
[54] **BIOCAPTEUR AVEC ELECTRODES DE DERIVATION**  
[72] BAIN, RUSSELL, GB  
[72] SLOSS, SCOTT, GB  
[71] CILAG GMBH INTERNATIONAL, CH  
[85] 2016-03-31  
[86] 2014-10-06 (PCT/EP2014/071348)  
[87] (WO2015/052135)  
[30] US (14/047,821) 2013-10-07

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[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/01 (2006.01) A61B 5/03 (2006.01) A61B 5/042 (2006.01) A61B 5/1473 (2006.01) A61N 2/00 (2006.01)**  
[25] EN  
[54] **ORGAN MOUNTED ELECTRONICS**  
[54] **DISPOSITIF ELECTRONIQUE INSTALLE SUR UN ORGANE**  
[72] ROGERS, JOHN A., US  
[72] EFIMOV, IGOR, US  
[72] GUTBROD, SARAH, US  
[72] XU, LIZHI, US  
[72] BONIFAS, ANDREW, US  
[72] WEBB, RICHARD CHAD, US  
[72] KOH, AHYEON, US  
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US  
[71] WASHINGTON UNIVERSITY IN ST. LOUIS, US  
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[87] (WO2015/051085)  
[30] US (61/885,994) 2013-10-02  
[30] US (61/937,187) 2014-02-07  
[30] US (62/003,786) 2014-05-28

[21] **2,926,028**  
[13] A1

[51] **Int.Cl. A61M 25/02 (2006.01)**  
[25] EN  
[54] **CATHETER SECUREMENT DEVICE**  
[54] **DISPOSITIF D'ATTACHE D'UN CATHETER**  
[72] KHALAJ, STEVE SAEED, US  
[71] AVENT, INC., US  
[85] 2016-03-31  
[86] 2014-09-17 (PCT/IB2014/064605)  
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[30] US (14/066,061) 2013-10-29

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[13] A1

[51] **Int.Cl. A21B 1/00 (2006.01)**  
[25] EN  
[54] **OVEN HAVING A ROTATING DOOR**  
[54] **FOUR COMPRENANT UNE PORTE TOURNANTE**  
[72] MCKEE, PHILIP R., US  
[72] JOHNSON, ALEX WAYNE, US  
[71] OVENTION, INC., US  
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[13] A1

[51] **Int.Cl. E21D 3/00 (2006.01)**  
[25] EN  
[54] **INTEGRATED INSPECTION AND MAINTENANCE RAISE BORING METHOD AND AN ASSOCIATED DRILL STRING ARRANGEMENT**  
[54] **PROCEDE INTEGRE D'INSPECTION ET DE MAINTENANCE DE FORAGE MONTANT ET SYSTEME DE TRAIN DE TIGES DE FORAGE ASSOCIE**  
[72] JORDAAN, BAREND JACOBUS, ZA  
[71] MASTER DRILLING SOUTH AFRICA (PTY) LTD., ZA  
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[30] ZA (2013/06404) 2013-08-23

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[51] **Int.Cl. E04H 4/00 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MANAGING AND CONTROLLING BREAKER WAVES IN A WAVE POOL**  
[54] **PROCEDE ET APPAREIL POUR GERER ET COMMANDER DES VAGUES DEFERLANTES DANS UNE PISCINE A VAGUES**  
[72] LOCHTEFELD, THOMAS J., US  
[71] LOCHTEFELD, THOMAS J., US  
[85] 2016-03-31  
[86] 2014-10-02 (PCT/US2014/058890)  
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[30] US (61/885,720) 2013-10-02  
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[25] EN  
[54] **MESITYLENE SULFONATE COMPOSITIONS AND METHODS THEREOF**  
[54] **COMPOSITIONS DE SULFONATE DE MESITYLENE ET PROCEDES CORRESPONDANTS**  
[72] SCHEUING, DAVID R., US  
[72] AGARWAL, ARUN, US  
[72] DABNEY, DAVID E., US  
[72] DADO, GREGORY P., US  
[72] FOLAND, LAFAYETTE D., US  
[72] MITRA, SHUMAN, US  
[72] PYTEL, JACQUELINE M., US  
[72] SMITH, WILLIAM L., US  
[72] SZEKERES, ERIKA, US  
[72] TERRY, MICHAEL R., US  
[72] VIEIRA, KENNETH L., US  
[71] THE CLOROX COMPANY, US  
[85] 2016-03-31  
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[25] EN  
[54] **MAN-MADE VITREOUS FIBRES**  
[54] **FIBRES VITREUSES FABRIQUEES PAR L'HOMME**  
[72] HANSEN, LARS ERIK, DK  
[72] SOLVANG, METTE, DK  
[72] DEHN, SUSANNE, DK  
[71] ROCKWOOL INTERNATIONAL A/S, DK  
[85] 2016-03-31  
[86] 2014-10-16 (PCT/EP2014/072200)  
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[30] EP (13188945.3) 2013-10-16

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[13] A1

[51] **Int.Cl. G06N 3/04 (2006.01)**  
[25] EN  
[54] **DYNAMICALLY ASSIGNING AND EXAMINING SYNAPTIC DELAY**  
[54] **ATTRIBUTION ET EXAMEN DYNAMIQUES DE RETARD SYNAPTIQUE**  
[72] SARAH, ANTHONY, US  
[72] KIMBALL, ROBERT HOWARD, US  
[72] SPINAR, BRIAN, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2016-03-31  
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[30] US (14/056,856) 2013-10-17

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[13] A1

[51] **Int.Cl. B01J 20/34 (2006.01) A61M 1/16 (2006.01) B01J 20/02 (2006.01) B01J 20/28 (2006.01) B01J 49/00 (2006.01)**  
[25] EN  
[54] **PROCESS FOR REGENERATION OF SPENT ZIRCONIUM PHOSPHATE FOR REUSE IN SORBENT TREATMENTS**  
[54] **PROCESSUS POUR REGENERATION DE PHOSPHATE DE ZIRCONIUM USE POUR UNE REUTILISATION LORS DE TRAITEMENTS DE SORBANT**  
[72] MERCHANT, STEPHEN A., US  
[72] ADAMS, KERISSA, US  
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US  
[85] 2016-03-31  
[86] 2014-07-24 (PCT/US2014/047919)  
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[30] US (14/060,761) 2013-10-23

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[51] **Int.Cl. E21B 47/06 (2012.01) E21B 44/00 (2006.01)**

[25] EN

[54] **DOWNHOLE MONITORING USING MAGNETOSTRICTIVE PROBE**

[54] **SURVEILLANCE DE FOND DE PUIT A L'AIDE D'UNE SONDE MAGNETORESTRICTIVE**

[72] WANG, KE, US  
[72] XU, ZHIYUE, US  
[72] PRIETO, CARLOS A., US  
[71] BAKER HUGHES INCORPORATED, US

[85] 2016-03-31  
[86] 2014-09-02 (PCT/US2014/053662)  
[87] (WO2015/050660)  
[30] US (14/046,332) 2013-10-04

[21] **2,926,038**  
[13] A1

[51] **Int.Cl. C04B 28/02 (2006.01) C04B 40/00 (2006.01)**

[25] EN

[54] **CORROSION PROTECTED FIBRE-REINFORCED CEMENT COMPOSITION FOR USE IN COLD TEMPERATURE CONDITIONS**

[54] **COMPOSITION DE CIMENT RENFORCE DE FIBRES PROTEGEES DE LA CORROSION DESTINEE A ETRE UTILISEE DANS DES CONDITIONS DE BASSE TEMPERATURE**

[72] FRANKE, WOLFRAM, NO  
[71] YARA INTERNATIONAL ASA, NO

[85] 2016-03-31  
[86] 2014-10-21 (PCT/EP2014/072544)  
[87] (WO2015/059139)  
[30] NO (20131392) 2013-10-21

[21] **2,926,039**  
[13] A1

[51] **Int.Cl. F16D 65/092 (2006.01) F16D 55/00 (2006.01) F16D 55/225 (2006.01) F16D 65/095 (2006.01)**

[25] EN

[54] **DISC BRAKE PAD MOUNTING AND RETENTION SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE MONTAGE ET DE MAINTIEN DE PLAQUETTE DE FREIN A DISQUE**

[72] PLANTAN, RONALD, US  
[72] RADHAKRISHNAN, HARISH, US  
[72] WOLF, DENNIS, US  
[72] ROBERTS, WILL, US  
[72] BELL, STEVEN, US  
[72] LANTZ, RICHARD, US  
[71] BENDIX SPICER FOUNDATION BRAKE LLC, US

[85] 2016-03-31  
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[87] (WO2015/050638)  
[30] US (14/044,372) 2013-10-02

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[13] A1

[51] **Int.Cl. A22B 5/16 (2006.01)**

[25] EN

[54] **DEHIDING TOOL**

[54] **OUTIL A DEPOUILLER**

[72] KARUBIAN, RALPH K., US  
[71] KENTMASTER MFG. CO., INC., US

[85] 2016-03-31  
[86] 2014-10-02 (PCT/US2014/058908)  
[87] (WO2015/051180)  
[30] US (61/887,297) 2013-10-04

[21] **2,926,041**  
[13] A1

[51] **Int.Cl. B01D 19/02 (2006.01)**

[25] EN

[54] **A COMBINED DEGASSING METHOD FOR HIGH-VISCOSITY PURE-CHITOSAN SPINNING SOLUTIONS**

[54] **UNE METHODE DE DEGAZAGE COMBINE DESTINEE A DES SOLUTIONS DE FILAGE AU CHITOSAN PUR A VISCOSITE ELEVEE**

[72] ZHOU, JIACUN, CN  
[72] HU, GUANGMIN, CN  
[71] HISMER BIO-TECHNOLOGY CO., LTD., CN

[85] 2016-03-29  
[86] 2014-09-01 (PCT/CN2014/085696)  
[87] (WO2015/027957)  
[30] CN (201310391868.4) 2013-09-02

[21] **2,926,042**  
[13] A1

[51] **Int.Cl. C01B 39/06 (2006.01) C01B 39/12 (2006.01)**

[25] EN

[54] **A TIN-CONTAINING ZEOLITIC MATERIAL HAVING AN MWW-TYPE FRAMEWORK STRUCTURE**

[54] **MATERIAU ZEOLITIQUE CONTENANT DE L'ETAIN PRESENTANT UNE STRUCTURE CHARPENTEE DE TYPE MWW**

[72] PARVULESCU, ANDREI-NICOLAE, DE  
[72] MULLER, ULRICH, DE  
[72] UHL, GEORG, DE  
[72] TELES, JOAQUIM HENRIQUE, DE  
[72] VAUTRAVERS, NICOLAS, DE  
[72] RIEDEL, DOMINIC, DE  
[71] BASF SE, DE

[85] 2016-03-31  
[86] 2014-11-05 (PCT/EP2014/073809)  
[87] (WO2015/067655)  
[30] EP (13191693.4) 2013-11-05

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[13] A1

[51] **Int.Cl. C12C 7/22 (2006.01) C12C 13/02 (2006.01)**

[25] EN

[54] **METHOD FOR TREATING A WORT IN A BOILING KETTLE**

[54] **PROCEDE DE TRAITEMENT D'UN MOUT DANS UNE CHAUDIERE EN EBULLITION**

[72] DE SCHUTTER, DAVID, BE  
[71] ANHEUSER-BUSCH INBEV SA, BE

[85] 2016-03-31  
[86] 2014-11-07 (PCT/EP2014/074010)  
[87] (WO2015/067737)  
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[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01) E21B 34/06 (2006.01)**

[25] EN

[54] **DOWNHOLE FLOW INHIBITION TOOL AND METHOD OF UNPLUGGING A SEAT**

[54] **OUTIL D'INHIBITION D'ECOULEMENT EN FOND DE TROU ET PROCEDE DE SUPPRESSION D'OBTURATION SUR UN SIEGE**

[72] JOHNSON, MICHAEL H., US  
[72] XU, ZHIYUE, US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2016-03-31  
[86] 2014-09-09 (PCT/US2014/054720)  
[87] (WO2015/050678)  
[30] US (14/043,425) 2013-10-01

[21] **2,926,045**  
[13] A1

[51] **Int.Cl. H02P 6/00 (2016.01) H02P 3/14 (2006.01)**

[25] EN

[54] **SOLID STATE ENERGY STORAGE AND MANAGEMENT SYSTEM**

[54] **SYSTEME DE GESTION ET DE STOCKAGE D'ENERGIE A SEMI-CONDUCTEURS**

[72] MARZANO, DOMENIC P., US  
[71] VELOCITY MAGNETICS, INC., US  
[85] 2016-03-31  
[86] 2014-10-02 (PCT/US2014/058921)  
[87] (WO2015/051190)  
[30] US (61/885,968) 2013-10-02

[21] **2,926,046**  
[13] A1

[51] **Int.Cl. A61M 16/12 (2006.01) A61M 16/10 (2006.01)**

[25] EN

[54] **SYSTEM FOR NITRIC OXIDE INHALATION**

[54] **SYSTEME D'INHALATION D'OXYDE NITRIQUE**

[72] AV-GAY, YOSSEF, CA  
[72] GREENBERG, DAVID, IL  
[72] VIZMAN, RACHELI, IL  
[72] LEVI, EINAV, IL  
[71] ADVANCED INHALATION THERAPIES (AIT) LTD., IL  
[85] 2016-03-31  
[86] 2014-09-11 (PCT/IL2014/050811)  
[87] (WO2015/037002)  
[30] US (61/876,346) 2013-09-11

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[13] A1

[51] **Int.Cl. A61M 5/172 (2006.01) A61M 5/145 (2006.01) A61M 5/168 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR CONTROLLING A TUNING FACTOR DUE TO SENSOR REPLACEMENT FOR CLOSED-LOOP CONTROLLER IN AN ARTIFICIAL PANCREAS**

[54] **PROCEDE ET SYSTEME DE CONTROLE D'UN FACTEUR D'ACCORD DU AU REMPLACEMENT D'UN CAPTEUR POUR SYSTEME DE CONTROLE ASSERVI DANS UN PANCREAS ARTIFICIEL**

[72] MCCANN, THOMAS, US  
[72] SCHAIBLE, THOMAS, US  
[72] CAPURRO, JORGE, US  
[71] ANIMAS CORPORATION, US  
[85] 2016-03-31  
[86] 2014-09-17 (PCT/US2014/056000)  
[87] (WO2015/050699)  
[30] US (14/046,880) 2013-10-04

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[13] A1

[51] **Int.Cl. A61K 35/545 (2015.01) A61K 35/28 (2015.01)**

[25] EN

[54] **ACTIVATION OF HEMATOPOIETIC PROGENITORS BY PRETRANSPLANT EXPOSURE TO DEATH LIGANDS**

[54] **ACTIVATION DE PROGENITEURS HEMATOPOIETIQUES PAR EXPOSITION AVANT LA GREFFE AUX LIGANDS DE MORT**

[72] YARKONI, SHAI, IL  
[71] COLLECT BIOTHERAPEUTICS LTD., IL  
[85] 2016-03-31  
[86] 2014-10-07 (PCT/IL2014/050887)  
[87] (WO2015/052716)  
[30] US (61/888,713) 2013-10-09

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[13] A1

[51] **Int.Cl. C12N 5/02 (2006.01) C12N 5/16 (2006.01)**

[25] EN

[54] **METABOLICALLY OPTIMIZED CELL CULTURE**

[54] **CULTURE CELLULAIRE A METABOLISME OPTIMISE**

[72] LAWRENCE, SHAWN, US  
[72] KIM, ANN, US  
[72] JOHNSON, AMY, US  
[71] REGENERON PHARMACEUTICALS, INC., US  
[85] 2016-03-31  
[86] 2014-10-10 (PCT/US2014/059993)  
[87] (WO2015/054554)  
[30] US (61/889,815) 2013-10-11

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[13] A1

[51] **Int.Cl. H02H 9/00 (2006.01) H02H 9/04 (2006.01)**

[25] EN

[54] **INTRINSICALLY SAFE VOLTAGE LIMITING SHUNT REGULATOR CIRCUIT**

[54] **CIRCUIT DE REGULATEUR SHUNT DE LIMITATION DE TENSION INTRINSEQUEMENT SECURISE**

[72] KEMP, MATTHEW J., US  
[72] NICHOLAS, DAVIN SCOTT, US  
[72] SEBERGER, STEPHEN GEORGE, US  
[71] FISHER CONTROLS INTERNATIONAL LLC, US  
[85] 2016-03-31  
[86] 2014-10-03 (PCT/US2014/058939)  
[87] (WO2015/051198)  
[30] US (14/045,323) 2013-10-03

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[13] A1

[51] **Int.Cl. C07K 14/435 (2006.01)**  
[25] EN  
[54] **PROTOXIN-II VARIANTS AND METHODS OF USE**  
[54] **VARIANTS DE PROTOXINE II ET METHODES D'UTILISATION**  
[72] FLINSPACH, MACK, US  
[72] WICKENDEN, ALAN, US  
[72] FELLOWS, ROSS, US  
[72] NEFF, ROBERT, US  
[72] LIU, YI, US  
[72] HAGAN, REBECCA, US  
[72] XU, QINGHAO, US  
[71] JANSSEN BIOTECH, INC., US  
[85] 2016-03-31  
[86] 2014-10-03 (PCT/US2014/058972)  
[87] (WO2015/051216)  
[30] US (61/886,100) 2013-10-03

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[13] A1

[51] **Int.Cl. F03B 17/06 (2006.01) F03B 13/10 (2006.01) H02K 7/18 (2006.01)**  
[25] EN  
[54] **IN-PIPE TURBINE AND HYDRO-ELECTRIC POWER GENERATION SYSTEM**  
[54] **TURBINE MONTEE DANS UNE CANALISATION ET SYSTEME DE GENERATION D'ENERGIE HYDROELECTRIQUE**  
[72] BHENDE, UDAY YESHWANT, IN  
[72] JOSHI, SANJAY PRAKASH, IN  
[72] ADKAR, PRASHANT RAMAKANT, IN  
[72] MARATHE, PRANAV SHAM, IN  
[72] JOSHI, ASHWIN SHARAD, IN  
[72] GANU, SHIRISH MADHAV, IN  
[71] KIRLOSKAR INTEGRATED TECHNOLOGY LIMITED, IN  
[85] 2016-03-31  
[86] 2014-09-29 (PCT/IN2014/000626)  
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[30] IN (2004/MUM/2012) 2013-10-10  
[30] IN (1630/MUM/2014) 2014-05-13

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[13] A1

[51] **Int.Cl. E02B 15/04 (2006.01) E02B 15/08 (2006.01) F23D 11/00 (2006.01) F23G 7/05 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR OIL RELEASE MANAGEMENT**  
[54] **PROCEDE ET SYSTEME DE GESTION DE DEVERSEMENT ACCIDENTEL DE PETROLE**  
[72] NEDWED, TIMOTHY J., US  
[72] URBANSKI, NICHOLAS F., US  
[72] TIDWELL, AMY C., US  
[72] ZHANG, CHANGYONG, US  
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US  
[85] 2016-03-31  
[86] 2014-10-14 (PCT/US2014/060519)  
[87] (WO2015/080807)  
[30] US (61/909,194) 2013-11-26

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[13] A1

[51] **Int.Cl. G06Q 10/08 (2012.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR FREIGHT DELIVERY AND PICK-UP**  
[54] **APPAREIL ET PROCEDE DE LIVRAISON ET DE RAMASSAGE DE MARCHANDISES**  
[72] MAINS, RONALD H., US  
[71] CROSS ROAD CENTERS LOGISTICS, INC., US  
[71] MAINS, RONALD H., US  
[85] 2016-03-31  
[86] 2014-10-03 (PCT/US2014/059184)  
[87] (WO2015/051334)  
[30] US (61/886,447) 2013-10-03

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[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/34 (2006.01) B01D 53/50 (2006.01) B01D 53/77 (2006.01)**  
[25] EN  
[54] **DESULFURIZATION METHOD FOR GAS CONTAINING SULFUR OXIDE AND DESULFURIZATION APPARATUS**  
[54] **PROCEDE DE DESULFURISATION DE GAZ RENFERMANT DE L'OXYDE DE SOUFRE ET APPAREIL DE DESULFURISATION**  
[72] YASUDA, HIROKAZU, JP  
[72] TAKEI, NOBORU, JP  
[72] KUROSAKI, NAOBUMI, JP  
[71] CHIYODA CORPORATION, JP  
[85] 2016-03-31  
[86] 2014-08-25 (PCT/JP2014/004361)  
[87] (WO2015/049827)  
[30] JP (2013-208192) 2013-10-03

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[21] **2,926,057**  
[13] A1

[51] **Int.Cl. C09C 3/00 (2006.01) C08K 9/00 (2006.01) C09C 1/30 (2006.01) C09C 3/08 (2006.01)**  
[25] EN  
[54] **TREATED FILLERS, COMPOSITIONS CONTAINING SAME, AND ARTICLES PREPARED THEREFROM**  
[54] **CHARGES TRAITEES, COMPOSITIONS LES CONTENANT, ET ARTICLES PREPARES A PARTIR DE CELLES-CI**  
[72] MARTIN, JUSTIN JONATHAN, US  
[72] OKEL, TIM ALLEN, US  
[72] VOTRUBA-DRZAL, PETER LAWRENCE, US  
[72] KOLLAH, RAPHAEL, US  
[72] WILT, TRUMAN, US  
[72] EDELMAN, CLINT STEVEN, US  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 2016-03-31  
[86] 2014-10-06 (PCT/US2014/059254)  
[87] (WO2015/054107)  
[30] US (61/887,713) 2013-10-07

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[21] **2,926,059**  
[13] A1

[51] **Int.Cl. B07B 1/20 (2006.01) B07B 4/00 (2006.01) B29B 17/02 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR SEPARATING PARTICLES OF PLASTIC FOIL AND PARTICLES OF ORGANIC MATERIAL**

[54] **PROCEDE ET DISPOSITIF POUR SEPARER DES PARTICULES DE FILM PLASTIQUE ET DES PARTICULES DE MATIERE ORGANIQUE**

[72] OUDE GROTEBEVELSBORG, WILLEM JAN, NL

[71] D TECHNOLOGIES HOLDING B.V., NL

[85] 2016-03-31

[86] 2014-09-15 (PCT/NL2014/000030)

[87] (WO2015/050433)

[30] NL (1040425) 2013-10-02

[21] **2,926,060**  
[13] A1

[51] **Int.Cl. A61K 6/00 (2006.01)**

[25] EN

[54] **DENTAL ADHESIVE KIT**

[54] **KIT DE COLLE DENTAIRE**

[72] NOJIRI, YAMATO, JP

[71] KURARAY NORITAKE DENTAL INC., JP

[85] 2016-03-31

[86] 2014-10-06 (PCT/JP2014/005086)

[87] (WO2015/052913)

[30] JP (2013-212991) 2013-10-10

[21] **2,926,061**  
[13] A1

[51] **Int.Cl. C08F 110/06 (2006.01) C08F 4/654 (2006.01)**

[25] EN

[54] **LOW EMISSION PROPYLENE HOMOPOLYMER**

[54] **HOMOPOLYMERE DE PROPYLENE A FAIBLE EMISSION**

[72] WANG, JINGBO, AT

[72] LILJA, JOHANNA, FI

[72] HORILL, THOMAS, AT

[72] GAHLEITNER, MARKUS, AT

[72] DENIFL, PETER, FI

[72] LEINONEN, TIMO, FI

[71] BOREALIS AG, AT

[85] 2016-03-31

[86] 2014-11-19 (PCT/EP2014/074984)

[87] (WO2015/075054)

[30] EP (13194119.7) 2013-11-22

[21] **2,926,063**  
[13] A1

[51] **Int.Cl. B32B 15/09 (2006.01) B32B 37/06 (2006.01) B65D 65/40 (2006.01)**

[25] EN

[54] **LAMINATED METAL SHEET FOR CONTAINERS, METHOD FOR PRODUCING METAL CAN, AND METHOD FOR EVALUATING FORMABILITY OF METAL SHEET**

[54] **FEUILLE DE METAL LAMINEE POUR RECIPIENT, PROCEDE DE PRODUCTION D'UNE CANETTE EN METAL ET PROCEDE D'EVALUATION DE L'APTITUDE AU MOULAGE D'UNE FEUILLE DE METAL**

[72] YAMANAKA, YOICHIRO, JP

[72] NAKAGAWA, YUSUKE, JP

[72] KITAGAWA, JUNICHI, JP

[72] NAKAMARU, HIROKI, JP

[71] JFE STEEL CORPORATION, JP

[85] 2016-03-31

[86] 2014-10-29 (PCT/JP2014/005477)

[87] (WO2015/064100)

[30] JP (2013-224851) 2013-10-30

[21] **2,926,065**  
[13] A1

[51] **Int.Cl. F16K 3/08 (2006.01)**

[25] FR

[54] **GAS FLOW REGULATOR, REDUCING VALVE, VALVE AND BOTTLE FITTED WITH SUCH A REGULATOR**

[54] **REGULATEUR DE DEBIT GAZEUX, DETENDEUR, ROBINET ET BOUTEILLE MUNIS D'UN TEL REGULATEUR**

[72] GERMANI, DAMIEN, FR

[72] RUDNIANYN, PHILIPPE, FR

[72] GRAVIERE, VINCENT, FR

[72] TREVISAN, ADRIEN, FR

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

[85] 2016-03-31

[86] 2014-09-05 (PCT/FR2014/052200)

[87] (WO2015/055906)

[30] FR (1360166) 2013-10-18

[21] **2,926,066**  
[13] A1

[51] **Int.Cl. G01N 27/72 (2006.01) C08J 5/24 (2006.01)**

[25] EN

[54] **FIBER WAVINESS DETECTION METHOD AND APPARATUS FOR CONDUCTIVE COMPOSITE MATERIALS**

[54] **PROCEDE DE DETECTION D'ONDULATION DE FIBRE POUR MATERIAU COMPOSITE CONDUCTEUR ET DISPOSITIF DE DETECTION D'ONDULATION DE FIBRE**

[72] TSUDA, AKINORI, JP

[72] HATANAKA, HIROAKI, JP

[72] MUTO, SHINJI, JP

[72] INAGAKI, KOICHI, JP

[72] HISHIDA, HIROYUKI, JP

[72] SATO, AKIYOSHI, JP

[71] IHI CORPORATION, JP

[85] 2016-03-31

[86] 2014-06-12 (PCT/JP2014/065605)

[87] (WO2015/052956)

[30] JP (2013-213393) 2013-10-11

[21] **2,926,069**  
[13] A1

[51] **Int.Cl. B29B 11/16 (2006.01) B29D 99/00 (2010.01) B29C 70/24 (2006.01) B29C 70/48 (2006.01)**

[25] FR

[54] **COMPACTING ASSEMBLY AND METHOD FOR MANUFACTURING A TURBOMACHINE COMPOSITE BLADE**

[54] **ENSEMBLE DE COMPACTAGE ET PROCEDE DE FABRICATION D'UNE AUBE COMPOSITE DE TURBOMACHINE**

[72] MARCHAL, YANN, FR

[72] GIMAT, MATTHIEU, FR

[71] SNECMA, FR

[85] 2016-03-31

[86] 2014-10-03 (PCT/FR2014/052515)

[87] (WO2015/049475)

[30] US (61/886,725) 2013-10-04

[30] FR (1456021) 2014-06-27

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[21] **2,926,070**  
[13] A1

[51] **Int.Cl. B60K 17/348 (2006.01)**  
[25] EN  
[54] **HYDRAULIC CONTROL DEVICE FOR DRIVE POWER DISTRIBUTION DEVICE**  
[54] **DISPOSITIF DE COMMANDE HYDRAULIQUE POUR DISPOSITIF DE DISTRIBUTION DE PUISSANCE D'ENTRAINEMENT**  
[72] YOSHIDA, YUMA, JP  
[71] HONDA MOTOR CO., LTD., JP  
[85] 2016-03-31  
[86] 2014-09-30 (PCT/JP2014/076008)  
[87] (WO2015/053129)  
[30] JP (2013-210207) 2013-10-07

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[21] **2,926,071**  
[13] A1

[51] **Int.Cl. C07D 471/08 (2006.01) A61K 31/43 (2006.01) A61K 31/439 (2006.01) A61K 31/545 (2006.01) A61P 31/04 (2006.01) A61P 43/00 (2006.01) C07B 61/00 (2006.01)**  
[25] EN  
[54] **CRYSTALLINE FORMS OF DIAZABICYCLOOCTANE DERIVATIVE AND PRODUCTION PROCESS THEREOF**  
[54] **CRISTAUX DE DERIVE DE DIAZABICYCLOOCTANE ET PROCEDE DE PRODUCTION DE CRISTAUX DE DERIVE DE DIAZABICYCLOOCTANE**  
[72] ABE, TAKAO, JP  
[72] FURUUCHI, TAKESHI, JP  
[72] SAKAMAKI, YOSHIKI, JP  
[72] MITSUHASHI, NAKAKO, JP  
[72] SAITO, YUMIKO, JP  
[71] MEIJI SEIKA PHARMA CO., LTD., JP  
[85] 2016-03-31  
[86] 2014-10-08 (PCT/JP2014/076875)  
[87] (WO2015/053297)  
[30] JP (2013-211242) 2013-10-08

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[21] **2,926,073**  
[13] A1

[51] **Int.Cl. A61K 31/57 (2006.01) A61K 9/20 (2006.01) A61K 9/48 (2006.01) A61K 47/30 (2006.01)**  
[25] EN  
[54] **PROGESTERONE CONTAINING ORAL DOSAGE FORMS AND KITS**  
[54] **FORMES GALENIQUES ORALES CONTENANT DE LA PROGESTERONE ET TROUSSES**  
[72] NACHAEGARI, SATISH KUMAR, US  
[72] GILYAR, CHANDRASHEKAR, US  
[72] NACHIAPPAN, CHIDAMBARAM, US  
[72] PATEL, MAHESH, US  
[72] VENKATESHWARAN, SRINIVASAN, US  
[71] LIPOCINE INC., US  
[85] 2016-03-31  
[86] 2013-10-04 (PCT/US2013/063584)  
[87] (WO2014/055954)  
[30] US (13/644,929) 2012-10-04

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[21] **2,926,075**  
[13] A1

[51] **Int.Cl. H02J 7/02 (2016.01) H02M 3/155 (2006.01)**  
[25] EN  
[54] **TRANSFORMERLESS ON-SITE GENERATION**  
[54] **GENERATION SUR SITE SANS TRANSFORMATEUR**  
[72] SHOWALTER, GEOFFREY, US  
[72] SANCHEZ, JUSTIN, US  
[71] MIOX CORPORATION, US  
[85] 2016-03-31  
[86] 2013-10-07 (PCT/US2013/063743)  
[87] (WO2014/055992)  
[30] US (61/710,468) 2012-10-05

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[21] **2,926,076**  
[13] A1

[51] **Int.Cl. C09K 8/035 (2006.01) E21B 43/22 (2006.01)**  
[25] EN  
[54] **TRACEABLE POLYMERIC ADDITIVES FOR USE IN SUBTERRANEAN FORMATIONS**  
[54] **ADDITIFS POLYMERES TRACABLES POUVANT ETRE UTILISES DANS DES FORMATIONS SOUTERRAINES**  
[72] GORDON, CHRISTOPHER LYNN, US  
[72] RODDY, CRAIG WAYNE, US  
[72] CHATTERJI, JITEN, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2016-03-31  
[86] 2013-11-22 (PCT/US2013/071495)  
[87] (WO2015/076829)

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[21] **2,926,077**  
[13] A1

[51] **Int.Cl. C09C 3/08 (2006.01) C08K 9/00 (2006.01) C09C 1/30 (2006.01) C09C 3/00 (2006.01)**  
[25] EN  
[54] **TREATED FILLERS, COMPOSITIONS CONTAINING SAME, AND ARTICLES PREPARED THEREFROM**  
[54] **CHARGES TRAITEES, COMPOSITIONS LES CONTENANT ET ARTICLES PREPARES A PARTIR DE CES DERNIERES**  
[72] EDELMAN, CLINT STEVEN, US  
[72] KOLLAH, RAPHAEL, US  
[72] MARTIN, JUSTIN JONATHAN, US  
[72] OKEL, TIM ALLEN, US  
[72] SMITH, BRITTANY, US  
[72] VOTRUBA-DRZAL, PETER LAWRENCE, US  
[72] WILT, TRUMAN, US  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 2016-03-31  
[86] 2014-10-06 (PCT/US2014/059267)  
[87] (WO2015/054114)  
[30] US (61/887,713) 2013-10-07

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[21] **2,926,078**  
[13] A1

[51] **Int.Cl. A01N 63/00 (2006.01) C07H 21/04 (2006.01) C12N 5/00 (2006.01) C12N 15/00 (2006.01) C12N 15/87 (2006.01) C12P 21/04 (2006.01)**

[25] EN

[54] **DELIVERY METHODS AND COMPOSITIONS FOR NUCLEASE-MEDIATED GENOME ENGINEERING IN HEMATOPOIETIC STEM CELLS**

[54] **PROCEDES D'APPORT ET COMPOSITIONS POUR INGENIERIE GENOMIQUE A MEDIATION PAR DES NUCLEASES DANS DES CELLULES SOUCHES HEMATOPOIETIQUES**

[72] GENOVESE, PIETRO, IT  
[72] GREGORY, PHILIP D., US  
[72] HOLMES, MICHAEL C., US  
[72] LOMBARDO, ANGELO LEONE, IT  
[72] NALDINI, LUIGI, IT  
[71] SANGAMO BIOSCIENCES, INC., US  
[71] OSPEDALE SAN RAFFAELE SRL, IT  
[71] FONDAZIONE TELETHON, IT  
[85] 2016-03-31  
[86] 2014-10-16 (PCT/US2014/060918)  
[87] (WO2015/057976)  
[30] US (61/892,340) 2013-10-17

[21] **2,926,079**  
[13] A1

[51] **Int.Cl. C09C 3/00 (2006.01) C08K 9/00 (2006.01) C09C 1/30 (2006.01) C09C 3/08 (2006.01)**

[25] EN

[54] **TREATED FILLERS, COMPOSITIONS CONTAINING SAME, AND ARTICLES PREPARED THEREFROM**

[54] **CHARGES TRAITÉES, COMPOSITIONS LES CONTENANT, ET ARTICLES PRÉPARÉS À PARTIR DE CELLES-CI**

[72] EDELMAN, CLINT STEVEN, US  
[72] KOLLAH, RAPHAEL, US  
[72] MARTIN, JUSTIN JONATHAN, US  
[72] OKEL, TIM ALLEN, US  
[72] SMITH, BRITTANY, US  
[72] VOTRUBA-DRZAL, PETER LAWRENCE, US  
[72] WILT, TRUMAN, US  
[72] WOLFE, LUKE ANDREW, US  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 2016-03-31  
[86] 2014-10-06 (PCT/US2014/059273)  
[87] (WO2015/054116)  
[30] US (61/887,713) 2013-10-07

[21] **2,926,081**  
[13] A1

[51] **Int.Cl. C04B 28/04 (2006.01) C04B 14/02 (2006.01) C04B 28/14 (2006.01)**

[25] EN

[54] **CEMENT COMPOSITIONS INCLUDING RESILIENT GRAPHITIC CARBON FRACTION**

[54] **COMPOSITIONS DE CIMENT COMPRENANT UNE FRACTION CARBONÉE GRAPHITIQUE ELASTIQUE**

[72] CARNEY, PETER ROY, US  
[72] BAER, CRAIG ALLEN, US  
[72] DERWIN, DAVID J., US  
[72] ZHOU, CHANGJUN, US  
[72] WAWRZOS, FRANK A., US  
[72] TLUSTOCHOWICZ, MARCIN, US  
[71] SUPERIOR GRAPHITE CO., US  
[85] 2016-03-31  
[86] 2013-11-25 (PCT/US2013/071675)  
[87] (WO2015/076841)

[21] **2,926,082**  
[13] A1

[51] **Int.Cl. A61K 9/52 (2006.01) A61K 9/16 (2006.01) A61K 31/198 (2006.01) A61K 47/32 (2006.01) A61P 25/16 (2006.01)**

[25] EN

[54] **MUCO-ADHESIVE, CONTROLLED RELEASE FORMULATIONS OF LEVODOPA AND/OR ESTERS OF LEVODOPA AND USES THEREOF**

[54] **FORMULATIONS MUCOADHESIVES A LIBERATION CONTRÔLÉE DE LEVODOPA ET/OU D'ESTERS DE LEVODOPA ET LEURS UTILISATIONS**

[72] HSU, ANN, US  
[72] DONG, LIANG C., US  
[72] DING, AMY, US  
[72] GUPTA, SUNEEL, US  
[71] IMPAX LABORATORIES, INC., US  
[85] 2016-03-31  
[86] 2014-10-07 (PCT/US2014/059554)  
[87] (WO2015/054302)  
[30] US (61/887,762) 2013-10-07

[21] **2,926,084**  
[13] A1

[51] **Int.Cl. C07K 16/24 (2006.01)**

[25] EN

[54] **NSP4 INHIBITORS AND METHODS OF USE**

[54] **INHIBITEURS DE NSP4 ET LEURS MÉTHODES D'UTILISATION**

[72] LIN, SHUO-YEN JACK, US  
[72] KIRCHHOFER, DANIEL K., US  
[72] VAN LOOKEREN CAMPAGNE, MENNO, US  
[71] GENENTECH, INC., US  
[85] 2016-03-31  
[86] 2014-10-10 (PCT/US2014/060182)  
[87] (WO2015/054670)  
[30] US (61/890,147) 2013-10-11  
[30] US (61/893,059) 2013-10-18  
[30] US (62/053,052) 2014-09-19

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[21] **2,926,085**  
[13] A1

[51] **Int.Cl. D21H 21/18 (2006.01) D21H 17/00 (2006.01)**  
[25] EN  
[54] **DIALDEHYDE MODIFIED ACRYLAMIDE TYPE POLYMER AND METHOD FOR PREPARING SAME**  
[54] **POLYMER DE TYPE ACRYLAMIDE A DIALDEHYDE MODIFIE ET SON PROCEDE DE PREPARATION**  
[72] ZHANG, MENG, CN  
[72] ZHU, BO, CN  
[72] ZHAO, YULIN, CN  
[72] SHEN, JIAN KUN, CN  
[72] XU, NA, CN  
[71] ECOLAB USA INC., US  
[85] 2016-03-31  
[86] 2014-10-13 (PCT/US2014/060305)  
[87] (WO2015/065688)  
[30] CN (201310530004.6) 2013-10-31

[21] **2,926,087**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 47/48 (2006.01) A61K 49/00 (2006.01) C07K 16/00 (2006.01) G01N 33/566 (2006.01)**  
[25] EN  
[54] **TM4SF1 BINDING PROTEINS AND METHODS OF USING SAME**  
[54] **PROTEINES DE LIAISON DE TM4SF1 ET LEURS PROCEDES D'UTILISATION**  
[72] JAMINET, SHOU-CHING S., US  
[72] DVORAK, HAROLD F., US  
[71] BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US  
[85] 2016-03-31  
[86] 2014-10-08 (PCT/US2014/059761)  
[87] (WO2015/054427)  
[30] US (61/889,340) 2013-10-10

[21] **2,926,088**  
[13] A1

[51] **Int.Cl. A61B 18/00 (2006.01) A61B 5/00 (2006.01) A61B 5/04 (2006.01) A61B 18/02 (2006.01) A61B 18/04 (2006.01) A61B 18/12 (2006.01) A61M 25/00 (2006.01) A61M 25/10 (2013.01) A61M 31/00 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR TREATING CANCER AND/OR AUGMENTING ORGAN FUNCTION**  
[54] **SYSTEMES ET METHODES DE TRAITEMENT DU CANCER ET/OU D'AUGMENTATION DE LA FONCTION D'UN ORGANE**  
[72] TOTH, LANDY, US  
[72] SCHWARTZ, ROBERT, US  
[71] AUTONOMIX MEDICAL, INC., US  
[85] 2016-03-31  
[86] 2014-10-14 (PCT/US2014/060471)  
[87] (WO2015/057696)  
[30] US (61/891,242) 2013-10-15  
[30] US (62/010,699) 2014-06-11

[21] **2,926,089**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 9/08 (2006.01) A61K 47/12 (2006.01) A61K 47/18 (2006.01) A61K 47/22 (2006.01) A61K 47/26 (2006.01) A61P 11/00 (2006.01) A61P 11/06 (2006.01)**  
[25] EN  
[54] **STABLE, AQUEOUS ANTIBODY FORMULATIONS**  
[54] **FORMULATIONS D'ANTICORPS AQUEUSES STABLES**  
[72] LEACH, WILLIAM, US  
[72] LEWUS, RACHAEL, US  
[72] MCGIVNEY, JAMES, US  
[72] NEWELL, KELCY, US  
[72] STEWART, KEVIN DOUGLAS, US  
[71] MEDIMMUNE, LLC, US  
[85] 2016-03-31  
[86] 2014-10-23 (PCT/US2014/061997)  
[87] (WO2015/061584)  
[30] US (61/895,143) 2013-10-24

[21] **2,926,090**  
[13] A1

[51] **Int.Cl. A01K 67/027 (2006.01) C07K 14/54 (2006.01)**  
[25] EN  
[54] **HUMANIZED IL-15 ANIMALS**  
[54] **ANIMAUX HUMANISES IL-15**  
[72] ROJAS, JOSE F., US  
[72] LAI, KA-MAN VENUS, US  
[72] MURPHY, ANDREW J., US  
[71] REGENERON PHARMACEUTICALS, INC., US  
[85] 2016-03-31  
[86] 2014-10-15 (PCT/US2014/060568)  
[87] (WO2015/057758)  
[30] US (61/891,013) 2013-10-15

[21] **2,926,091**  
[13] A1

[51] **Int.Cl. H04B 7/02 (2006.01) H04B 7/06 (2006.01) H04L 1/00 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR CHANNEL STATE INFORMATION FEEDBACK**  
[54] **PROCEDE ET APPAREIL DE RETOUR D'INFORMATIONS D'ETAT DE CANAL**  
[72] MERLIN, SIMONE, US  
[72] BARRIAC, GWENDOLYN DENISE, US  
[72] SAMPATH, HEMANTH, US  
[72] VERMANI, SAMEER, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2016-03-31  
[86] 2014-10-15 (PCT/US2014/060592)  
[87] (WO2015/057772)  
[30] US (61/892,314) 2013-10-17  
[30] US (14/513,654) 2014-10-14

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[21] **2,926,092**  
[13] A1

[51] **Int.Cl. G01N 33/48 (2006.01) C07K 16/00 (2006.01) G01N 33/53 (2006.01) G01N 33/566 (2006.01)**

[25] EN

[54] **BIOMARKERS AND DIAGNOSTIC METHODS FOR ALZHEIMER'S DISEASE AND OTHER NEURODEGENERATIVE DISORDERS**

[54] **BIOMARQUEURS ET PROCEDES DE DIAGNOSTIC POUR LA MALADIE D'ALZHEIMER ET D'AUTRES TROUBLES NEURODEGENERATIFS**

[72] GOETZL, EDWARD J., US

[71] NANOSOMIX, INC., US

[85] 2016-03-31

[86] 2014-10-24 (PCT/US2014/062074)

[87] (WO2015/061634)

[30] US (61/895,376) 2013-10-24

[30] US (61/978,994) 2014-04-14

[30] US (62/047,062) 2014-09-08

[21] **2,926,093**  
[13] A1

[51] **Int.Cl. C12C 3/08 (2006.01) C12C 3/10 (2006.01)**

[25] EN

[54] **FRACTIONATION OF HOP OILS USING LIQUID AND SUPERCRITICAL CARBON DIOXIDE**

[54] **FRACTIONNEMENT D'HUILES ESSENTIELLES DE HOUBLON FAISANT APPEL A DU DIOXYDE DE CARBONE LIQUIDE ET SUPERCRIQUE**

[72] MARRIOTT, RAYMOND, GB

[71] TOTALLY NATURAL SOLUTIONS LTD, GB

[85] 2016-03-17

[86] 2014-10-23 (PCT/EP2014/025009)

[87] (WO2015/062745)

[30] EP (13190555.6) 2013-10-28

[30] EP (14169159.2) 2014-05-20

[21] **2,926,094**  
[13] A1

[51] **Int.Cl. C12N 15/64 (2006.01) C12N 15/85 (2006.01)**

[25] EN

[54] **DELIVERY METHODS AND COMPOSITIONS FOR NUCLEASE-MEDIATED GENOME ENGINEERING**

[54] **PROCEDES D'ADMINISTRATION ET COMPOSITIONS POUR GENIE GENOMIQUE MEDIE PAR NUCLEASE**

[72] HOLMES, MICHAEL C., US

[72] WANG, JIANBIN, US

[71] SANGAMO BIOSCIENCES, INC., US

[85] 2016-03-31

[86] 2014-10-16 (PCT/US2014/060931)

[87] (WO2015/057980)

[30] US (61/892,348) 2013-10-17

[30] US (62/033,424) 2014-08-05

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[13] A1

[51] **Int.Cl. A01N 43/56 (2006.01) A01N 25/00 (2006.01) A01N 47/40 (2006.01) C07D 231/40 (2006.01)**

[25] EN

[54] **PROCESSES FOR THE PREPARATION OF PESTICIDAL COMPOUNDS**

[54] **PROCEDES DE PREPARATION DE COMPOSES PESTICIDES**

[72] YANG, QIANG, US

[72] LORSBACH, BETH, US

[72] WHITEKER, GREG, US

[72] ROTH, GARY, US

[72] DEAMICIS, CARL, US

[72] CLARK, THOMAS P., US

[72] GRAY, KAITLYN, US

[72] ZHANG, YU, US

[72] MUHUHI, JOSECK M., US

[71] DOW AGROSCIENCES LLC, US

[85] 2016-03-31

[86] 2014-10-17 (PCT/US2014/061009)

[87] (WO2015/058020)

[30] US (61/892,118) 2013-10-17

[30] US (62/039,730) 2014-08-20

[21] **2,926,098**  
[13] A1

[51] **Int.Cl. G06N 3/08 (2006.01) G06N 99/00 (2010.01) G06N 7/00 (2006.01) G06N 3/04 (2006.01)**

[25] EN

[54] **CAUSAL SALIENCY TIME INFERENCE**

[54] **INFERENCE TEMPORELLE D'UNE PREPONDERANCE CAUSALE**

[72] HUNZINGER, JASON FRANK (DECEASED), US

[72] ZHENG, THOMAS JIAQIAN, US

[71] QUALCOMM INCORPORATED, US

[85] 2016-03-31

[86] 2014-10-17 (PCT/US2014/061018)

[87] (WO2015/065729)

[30] US (61/897,024) 2013-10-29

[30] US (14/160,128) 2014-01-21

[21] **2,926,101**  
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01) A01N 43/78 (2006.01)**

[25] EN

[54] **PESTICIDAL COMPOSITIONS AND RELATED METHODS**

[54] **COMPOSITIONS PESTICIDES ET PROCEDES ASSOCIES**

[72] GARIZI, NEGAR, US

[72] WALSH, MARTIN J., US

[72] BUYASSE, ANN M., US

[72] KNUEPPEL, DANIEL, US

[72] KUBOTA, ASAKO, US

[72] NIYAZ, NOORMOHAMED M., US

[72] ZHANG, YU, US

[72] HUNTER, RICKY, US

[72] TRULLINGER, TONY K., US

[71] DOW AGROSCIENCES LLC, US

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[86] 2014-10-17 (PCT/US2014/061055)

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[13] A1

[51] **Int.Cl. B01J 8/34 (2006.01)**  
[25] EN  
[54] **REACTOR BED COMPONENT FOR SECURING RIGID ASSEMBLIES**  
[54] **COMPOSANT DE LIT DE REACTEUR POUR FIXER DES ENSEMBLES RIGIDES**  
[72] TAMMERA, ROBERT FRANK, US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2016-03-31  
[86] 2014-10-20 (PCT/US2014/061307)  
[87] (WO2015/084504)  
[30] US (14/097,827) 2013-12-05

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[13] A1

[51] **Int.Cl. B01J 19/30 (2006.01) B01J 8/00 (2006.01) B01J 19/32 (2006.01)**  
[25] EN  
[54] **REACTOR BED VESSEL AND SUPPORT ASSEMBLY**  
[54] **RECIPIENT DE LIT DE REACTEUR ET ENSEMBLE SUPPORT**  
[72] TAMMERA, ROBERT FRANK, US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2016-03-31  
[86] 2014-10-20 (PCT/US2014/061308)  
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[30] US (14/097,729) 2013-12-05

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[21] **2,926,110**  
[13] A1

[51] **Int.Cl. A61M 5/40 (2006.01)**  
[25] EN  
[54] **DRUG DELIVERY SYSTEM WITH TEMPERATURE-SENSITIVE CONTROL**  
[54] **SYSTEME DE DISTRIBUTION DE MEDICAMENTS EQUIPE D'UN DISPOSITIF DE COMMANDE SENSIBLE A LA TEMPERATURE**  
[72] GIBSON, SCOTT R., US  
[72] LEE, MARK KA LAI, US  
[72] BUSBY, DONALD, US  
[72] TOY, STEPHANIE, US  
[72] KRISHNA, SUHAS, US  
[72] TAN-MALECKI, FRANCISCA, US  
[72] TAMTORO, FERRY, US  
[71] AMGEN INC., US  
[85] 2016-03-31  
[86] 2014-10-22 (PCT/US2014/061680)  
[87] (WO2015/061389)  
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[13] A1

[51] **Int.Cl. A61B 5/0488 (2006.01) A61B 5/0492 (2006.01) A61N 1/36 (2006.01)**  
[25] EN  
[54] **DETECTING SEIZURES INCLUDING LOOSE ELECTRODE MONITORING**  
[54] **DETECTION DE CRISES D'EPILEPSIE AVEC SURVEILLANCE DU CONTACT ADEQUAT DES ELECTRODES**  
[72] GIROUARD, MICHAEL R., US  
[72] HALLECK, MICHAEL E., US  
[72] HALLECK, MICHAEL D., US  
[71] BRAIN SENTINEL, INC., US  
[85] 2016-03-31  
[86] 2014-10-22 (PCT/US2014/061783)  
[87] (WO2015/061459)  
[30] US (61/894,793) 2013-10-23

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[13] A1

[51] **Int.Cl. H01H 9/16 (2006.01) E05F 15/00 (2015.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MONITORING AT LEAST ONE ELECTRONIC SWITCHING CONTACT FOR A VEHICLE**  
[54] **PROCEDE ET DISPOSITIF DE SURVEILLANCE D'AU MOINS UN CONTACT DE COMMANDE POUR UN VEHICULE**  
[72] MAIR, ANDREAS, AT  
[72] BERNECKER, GUNTHER, AT  
[71] KNORR-BREMSE GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, AT  
[85] 2016-04-01  
[86] 2014-10-01 (PCT/EP2014/071023)  
[87] (WO2015/049276)  
[30] DE (10 2013 110 993.4) 2013-10-02

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[13] A1

[51] **Int.Cl. A61K 31/721 (2006.01) A61K 33/30 (2006.01) A61P 17/02 (2006.01)**  
[25] EN  
[54] **ANTI-INFLAMMATORY COMPOSITION FOR AIDING AND PROMOTING HEALING OF CHRONIC ULCERATIVE LESIONS**  
[54] **COMPOSITION ANTI-INFLAMMATOIRE POUR COADJUIVER ET FAVORISER LE PROCESSUS DE CICATRISATION DE LESIONS ULCEREUSES CHRONIQUES**  
[72] CUETO GARCIA, JORGE, MX  
[71] PEBISUT DE MEXICO S.A. DE C.V., MX  
[85] 2016-03-31  
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[87] (WO2015/050425)  
[30] MX (MX/a/2013/011471) 2013-10-02

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[13] A1

[51] **Int.Cl. A61K 33/00 (2006.01) A61P 17/02 (2006.01)**  
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[54] **WOUND TREATMENT COMPOSITION**  
[54] **COMPOSITION DE TRAITEMENT DE BLESSURE**  
[72] DE RIJK, JAN, NL  
[71] SPECIAL WATER PATENTS B.V., NL  
[85] 2016-04-01  
[86] 2014-10-02 (PCT/EP2014/071217)  
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[13] A1

[51] **Int.Cl. B22F 1/00 (2006.01) F24J 2/48 (2006.01)**  
[25] EN  
[54] **SOLAR THERMAL RECEIVER**  
[54] **RECEPTEUR THERMIQUE SOLAIRE**  
[72] BESBES, MONDHER, FR  
[72] BRU, HELENE, FR  
[72] BEN-ABDALLAH, PHILIPPE, FR  
[72] LANGLAIS, MATHIEU, FR  
[71] TOTAL MARKETING SERVICES, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[85] 2016-04-01  
[86] 2014-10-03 (PCT/EP2014/071273)  
[87] (WO2015/049384)  
[30] EP (13290236.2) 2013-10-04

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[13] A1

[51] **Int.Cl. C08L 83/04 (2006.01)**  
[25] EN  
[54] **TUBE MADE OF HYDROPHILIZED SILICONE**  
[54] **TUBE EN SILICONE HYDROPHILISEE**  
[72] LETAILLEUR, ALBAN, FR  
[72] JAFFRENNOU, BORIS, FR  
[72] LE BARON, CHRISTOPHE, FR  
[71] SAINT-GOBAIN PERFORMANCE PLASTICS FRANCE, FR  
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[86] 2014-10-06 (PCT/EP2014/071330)  
[87] (WO2015/052126)  
[30] FR (1359708) 2013-10-07

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[13] A1

[51] **Int.Cl. G01V 9/00 (2006.01) G01M 9/06 (2006.01) G01N 21/17 (2006.01) G01N 21/41 (2006.01) G01N 21/64 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR RENDERING VISIBLE A PLUME OF DISPERSING FLUID SO AS TO REVEAL ITS SOURCE**  
[54] **PROCEDE ET SYSTEME PERMETTANT DE RENDRE VISIBLE UN PANACHE DE FLUIDE EN DISPERSION DE MANIERE A REVELER SON ORIGINE**  
[72] HIRST (SR.), WILLIAM JOSEPH, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2016-04-01  
[86] 2014-10-07 (PCT/EP2014/071396)  
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[30] EP (13187853.0) 2013-10-09

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[13] A1

[51] **Int.Cl. B60S 5/04 (2006.01) B60C 23/00 (2006.01)**  
[25] EN  
[54] **ROTARY UNION FOR AUTOMATIC TIRE INFLATION SYSTEM**  
[54] **RACCORD UNION ROTATIF DESTINE A UN SYSTEME AUTOMATIQUE DE GONFLAGE DES PNEUS**  
[72] HENNIG, MARK KEVIN, US  
[71] EQUALAIRE SYSTEM, INC., US  
[85] 2016-03-31  
[86] 2014-10-23 (PCT/US2014/061879)  
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[30] US (61/894,653) 2013-10-23

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[13] A1

[51] **Int.Cl. C12M 1/34 (2006.01) B05D 5/12 (2006.01) C12Q 1/68 (2006.01)**  
[25] EN  
[54] **METHODS FOR FORMING LIPID BILAYERS ON BIOCHIPS**  
[54] **PROCEDES DE FORMATION DE BICOUCHES LIPIDIQUES SUR DES BIOPUCES**  
[72] DAVIS, RANDALL W., US  
[72] LIU, EDWARD SHIAN, US  
[72] AGUIRRE, ANNE, US  
[72] TRANS, ANDREW, US  
[72] POLLARD, JAMES, US  
[72] CECH, CYNTHIA, US  
[72] HARADA, ERIC TAKESHI, US  
[71] GENIA TECHNOLOGIES, INC., US  
[85] 2016-03-31  
[86] 2014-10-23 (PCT/US2014/061853)  
[87] (WO2015/061510)  
[30] US (61/894,661) 2013-10-23

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[13] A1

[51] **Int.Cl. H04N 19/70 (2014.01) H04N 19/30 (2014.01)**  
[25] EN  
[54] **MULTI-LAYER VIDEO FILE FORMAT DESIGNS**  
[54] **MODELES DE FORMATS DE FICHIERS VIDEO MULTI- COUCHE**  
[72] WANG, YE-KUI, US  
[72] CHEN, YING, US  
[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US  
[72] HENDRY, FNU, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2016-03-31  
[86] 2014-10-23 (PCT/US2014/061941)  
[87] (WO2015/061551)  
[30] US (61/894,886) 2013-10-23  
[30] US (14/521,042) 2014-10-22

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[13] A1

[51] **Int.Cl. B01J 20/00 (2006.01)**  
[25] EN  
[54] **CATALYST DESIGN FOR HEAVY-DUTY DIESEL COMBUSTION ENGINES**  
[54] **CONCEPTION DE CATALYSEURS POUR MOTEURS A COMBUSTION DIESEL DE GRANDE PUISSANCE**  
[72] YIN, QINGHUA, US  
[72] QI, XIWANG, US  
[72] BIBERGER, MAXIMILIAN A., US  
[71] SDCMATERIALS, INC., US  
[85] 2016-03-31  
[86] 2014-10-22 (PCT/US2014/061804)  
[87] (WO2015/061477)  
[30] US (61/894,341) 2013-10-22  
[30] US (62/030,555) 2014-07-29

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[13] A1

[51] **Int.Cl. D21B 1/00 (2006.01) B27N 3/00 (2006.01) C08J 9/00 (2006.01) C08L 97/00 (2006.01)**  
[25] EN  
[54] **LIGNOCELLULOSIC MATERIALS COMPRISING DEFIBRILLATED CELLULOSE**  
[54] **MATERIAU LIGNOCELLULOSIQUE RENFERMANT DE LA CELLULOSE DEFIBRILLEE**  
[72] SCHADE, MATTHIAS, DE  
[72] WEINKOTZ, STEPHAN, DE  
[72] ASSMANN, JENS, DE  
[71] BASF SE, DE  
[85] 2016-03-29  
[86] 2014-09-29 (PCT/EP2014/070785)  
[87] (WO2015/052028)  
[30] EP (13188006.4) 2013-10-10

[21] **2,926,135**  
[13] A1

[51] **Int.Cl. B01D 53/00 (2006.01) B01J 23/56 (2006.01) B01J 37/025 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS OF LEAN NOX TRAP**  
[54] **COMPOSITIONS POUR REGENERER DES PIEGES A NOX**  
[72] KEARL, BRYANT, US  
[72] YIN, QINGHUA, US  
[72] QI, XIWANG, US  
[72] LEAMON, DAVID, US  
[72] BIBERGER, MAXIMILIAN A., US  
[71] SDCMATERIALS, INC., US  
[85] 2016-03-31  
[86] 2014-10-22 (PCT/US2014/061812)  
[87] (WO2015/061482)  
[30] US (61/894,346) 2013-10-22

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[13] A1

[51] **Int.Cl. F04B 9/04 (2006.01) A47K 5/12 (2006.01) B65D 83/26 (2006.01) F04B 13/00 (2006.01) F04B 17/03 (2006.01)**  
[25] EN  
[54] **DEVICE FOR DISPENSING SUBSTANCES**  
[54] **DISPOSITIF DE DISTRIBUTION DE SUBSTANCES**  
[72] RUIZ BALLESTEROS, JULIO CESAR, ES  
[72] BERTASSI, EDOARDO, IT  
[72] BALDESSARI, STEFANO, IT  
[71] ZOBELE HOLDING SPA, IT  
[85] 2016-04-01  
[86] 2013-10-03 (PCT/EP2013/070630)  
[87] (WO2015/049004)

[21] **2,926,137**  
[13] A1

[51] **Int.Cl. E04B 9/16 (2006.01)**  
[25] EN  
[54] **FALSE CEILING SUSPENSION SYSTEM, PROFILE AND METHOD**  
[54] **SYSTEME DE SUSPENSION DE FAUX-PLAFOND, PROFILE ET PROCEDE**  
[72] HEESBEEN, JAN-DIRK PIETER, NL  
[71] SAINT-GOBAIN ACOUSTICAL PRODUCTS INTERNATIONAL B.V., NL  
[85] 2016-03-31  
[86] 2014-10-03 (PCT/NL2014/050682)  
[87] (WO2015/050448)  
[30] NL (2011556) 2013-10-04

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[13] A1

[51] **Int.Cl. G01N 33/566 (2006.01) C07H 21/02 (2006.01) G01N 33/483 (2006.01) G01N 33/53 (2006.01)**  
[25] EN  
[54] **HIGH SPEED MOLECULAR SENSING WITH NANOPORES**  
[54] **DETECTION MOLECULAIRE A GRANDE VITESSE AVEC NANOPORES**  
[72] DAVIS, RANDALL W., US  
[71] GENIA TECHNOLOGIES, INC., US  
[85] 2016-03-31  
[86] 2014-10-23 (PCT/US2014/061852)  
[87] (WO2015/061509)  
[30] US (61/894,577) 2013-10-23

[21] **2,926,139**  
[13] A1

[51] **Int.Cl. B01J 20/26 (2006.01) B01D 17/022 (2006.01) B01D 27/04 (2006.01) B01D 35/02 (2006.01) B01J 20/28 (2006.01) B01J 20/30 (2006.01) C09K 3/32 (2006.01)**  
[25] EN  
[54] **OIL ABSORBENT PAD**  
[54] **TAMPON ABSORBANT L'HUILE**  
[72] BENNETT, WAYNE, CA  
[71] BENNETT, WAYNE, CA  
[85] 2016-04-01  
[86] 2014-09-12 (PCT/CA2014/050867)  
[87] (WO2015/039229)  
[30] US (61/878,830) 2013-09-17

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[13] A1

[51] **Int.Cl. C12M 1/34 (2006.01) C12Q 1/68 (2006.01) G01N 27/30 (2006.01)**  
[25] EN  
[54] **PROCESS FOR BIOSENSOR WELL FORMATION**  
[54] **PROCEDE DE FORMATION DE Puits de Biocapteur**  
[72] DAVIS, RANDALL W., US  
[72] LIU, EDWARD SHIAN, US  
[72] HARADA, ERIC TAKESHI, US  
[72] AGUIRRE, ANNE, US  
[72] TRANS, ANDREW, US  
[72] POLLARD, JAMES, US  
[72] CECH, CYNTHIA, US  
[71] GENIA TECHNOLOGIES, INC., US  
[85] 2016-03-31  
[86] 2014-10-23 (PCT/US2014/061854)  
[87] (WO2015/061511)  
[30] US (61/894,661) 2013-10-23

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[13] A1

[51] **Int.Cl. H04N 19/70 (2014.01) H04N 19/30 (2014.01)**

[25] EN

[54] **MULTI-LAYER VIDEO FILE FORMAT DESIGNS**

[54] **CONCEPTIONS DE FORMAT DE FICHER VIDEO MULTICOUCHE**

[72] WANG, YE-KUI, US

[72] CHEN, YING, US

[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US

[72] HENDRY, FNU, US

[71] QUALCOMM INCORPORATED, US

[85] 2016-03-31

[86] 2014-10-23 (PCT/US2014/061955)

[87] (WO2015/061561)

[30] US (61/894,886) 2013-10-23

[30] US (14/521,099) 2014-10-22

[21] **2,926,142**  
[13] A1

[51] **Int.Cl. A61B 17/12 (2006.01) A61B 17/00 (2006.01)**

[25] EN

[54] **CLOSURE DEVICE**

[54] **DISPOSITIF DE FERMETURE**

[72] HUBER, CHRISTOPH HANS, CH

[71] ENDOHEART AG, CH

[85] 2016-04-01

[86] 2013-10-29 (PCT/CH2013/000189)

[87] (WO2014/067021)

[30] CH (2168/12) 2012-10-29

[21] **2,926,143**  
[13] A1

[51] **Int.Cl. H02J 3/38 (2006.01) H02J 7/35 (2006.01)**

[25] FR

[54] **ELECTRICALLY AUTONOMOUS INSTALLATION AND METHOD OF MANAGEMENT**

[54] **INSTALLATION ELECTRIQUEMENT AUTONOME ET PROCEDE DE GESTION**

[72] COLIN, JACQUES, FR

[72] SELLIN, CHRISTIAN, FR

[72] LE PAVEN, YVON, FR

[72] CARON, JEAN, CA

[72] ETIENNE, PIERRE-LUC, CA

[72] FLORIMOND, VALERY, CA

[72] SAMMOUDA, KARIM, CA

[72] VALLEE, ALAIN, CA

[71] BLUE SOLUTIONS, FR

[85] 2016-04-01

[86] 2014-10-03 (PCT/EP2014/071267)

[87] (WO2015/049381)

[30] FR (1359656) 2013-10-04

[21] **2,926,144**  
[13] A1

[51] **Int.Cl. C09D 125/08 (2006.01) C08F 12/08 (2006.01) C08F 18/08 (2006.01) C09D 133/04 (2006.01)**

[25] EN

[54] **COATING COMPOSITION WITH IMPROVED LIQUID STAIN REPELLENCY AND PROCESS FOR MAKING THE SAME**

[54] **COMPOSITION DE REVETEMENT AYANT UN CARACTERE REPULSIF AMELIORE VIS-A-VIS DES LIQUIDES ET SON PROCEDE DE PREPARATION**

[72] CAI, QIAOQIAO, CN

[72] DONG, XIANGTING, CN

[72] LI, JUAN, CN

[72] WANG, TAO, CN

[72] ZHANG, TINGKE, CN

[71] ROHM AND HAAS COMPANY, US

[85] 2016-04-01

[86] 2013-10-10 (PCT/CN2013/084942)

[87] (WO2015/051513)

[21] **2,926,145**  
[13] A1

[51] **Int.Cl. C09K 8/03 (2006.01) C01B 31/02 (2006.01) C09K 8/487 (2006.01) C09K 8/516 (2006.01) E21B 33/12 (2006.01)**

[25] EN

[54] **COMPRESSIBLE CARBONACEOUS PARTICULATE MATERIAL AND METHOD OF MAKING SAME**

[54] **MATERIAU PARTICULAIRE CARBONE COMPRESSIBLE ET SON PROCEDE DE FABRICATION**

[72] ZHOU, CHANGJUN, US

[72] NELSON, RICHARD D., US

[71] SUPERIOR GRAPHITE CO., US

[85] 2016-03-31

[86] 2014-10-24 (PCT/US2014/062109)

[87] (WO2015/099878)

[30] US (14/140,730) 2013-12-26

[21] **2,926,146**  
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/70 (2006.01) A61K 31/445 (2006.01) A61K 47/10 (2006.01)**

[25] EN

[54] **NOVEL FORMULATION**

[54] **NOUVELLE FORMULATION**

[72] JONES, CHRIS, GB

[72] GREEN, DARREN, GB

[71] BUZZZ PHARMACEUTICALS LIMITED, IE

[85] 2016-04-01

[86] 2014-10-07 (PCT/EP2014/071437)

[87] (WO2015/052183)

[30] GB (1317718.3) 2013-10-07

[21] **2,926,147**  
[13] A1

[51] **Int.Cl. G10D 13/08 (2006.01) G10D 17/00 (2006.01) G10K 1/07 (2006.01)**

[25] EN

[54] **PERCUSSION INSTRUMENT**

[54] **INSTRUMENT A PERCUSSION**

[72] FLICEK, BRIAN G., US

[71] FLICEK, BRIAN G., US

[85] 2016-03-31

[86] 2014-11-07 (PCT/US2014/064610)

[87] (WO2015/070053)

[30] US (61/901,629) 2013-11-08

[21] **2,926,148**  
[13] A1

[51] **Int.Cl. C09D 131/04 (2006.01) C08F 218/08 (2006.01) C08L 31/04 (2006.01)**

[25] EN

[54] **COATING COMPOSITION WITH IMPROVED LIQUID STAIN REPELLENCY**

[54] **COMPOSITION DE REVETEMENT AYANT UN CARACTERE REPULSIF AMELIORE VIS-A-VIS DES LIQUIDES**

[72] CAI, QIAOQIAO, CN

[72] DONG, XIANGTING, CN

[72] LI, JUAN, CN

[72] WANG, TAO, CN

[72] ZHANG, TINGKE, CN

[71] ROHM AND HAAS COMPANY, US

[85] 2016-04-01

[86] 2013-10-10 (PCT/CN2013/084944)

[87] (WO2015/051514)

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[21] **2,926,149**  
[13] A1

[51] **Int.Cl. C10G 65/04 (2006.01) B01J 29/46 (2006.01) B01J 35/10 (2006.01) C10G 65/12 (2006.01)**

[25] EN

[54] **CO-PRODUCTION OF LUBRICANTS AND DISTILLATE FUELS**

[54] **CO-PRODUCTION DE LUBRIFIANTS ET DE CARBURANTS DE DISTILLAT**

[72] SHIH, STUART S., US

[72] SCHLEICHER, GARY PAUL, US

[72] CARROLL, MICHAEL B., US

[72] HILBERT, TIMOTHY LEE, US

[72] MCCARTHY, STEPHEN JOHN, US

[72] NOVAK, WILLIAM J., US

[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US

[85] 2016-03-31

[86] 2014-11-19 (PCT/US2014/066307)

[87] (WO2015/099906)

[30] US (61/919,919) 2013-12-23

[21] **2,926,150**  
[13] A1

[51] **Int.Cl. C09J 131/04 (2006.01) C08F 218/08 (2006.01) C08L 31/04 (2006.01)**

[25] EN

[54] **BINDER COMPOSITION AND COATING COMPOSITION MADE THEREOF**

[54] **COMPOSITION DE LIANT ET COMPOSITION DE REVETEMENT PREPAREE A PARTIR DE CELLE-CI**

[72] CAI, QIAOQIAO, CN

[72] ZHANG, TINGKE, CN

[72] MAURICE, ALVIN M., US

[71] ROHM AND HAAS COMPANY, US

[85] 2016-04-01

[86] 2013-10-10 (PCT/CN2013/084946)

[87] (WO2015/051515)

[21] **2,926,151**  
[13] A1

[51] **Int.Cl. F02K 9/64 (2006.01) F02K 9/78 (2006.01)**

[25] EN

[54] **ENGINE**

[54] **MOTEUR**

[72] BOND, ALAN, GB

[72] VARVILL, RICHARD, GB

[71] REACTIONS ENGINES LIMITED, GB

[85] 2016-04-01

[86] 2014-10-10 (PCT/GB2014/000409)

[87] (WO2015/052473)

[30] GB (1318108.6) 2013-10-11

[30] US (14/296,620) 2014-06-05

[21] **2,926,152**  
[13] A1

[51] **Int.Cl. C07C 15/08 (2006.01) B01J 21/04 (2006.01) B01J 23/06 (2006.01) B01J 29/40 (2006.01) B01J 29/90 (2006.01) B01J 35/10 (2006.01) B01J 37/02 (2006.01) B01J 38/02 (2006.01) B01J 38/12 (2006.01) C07C 1/20 (2006.01) C07C 15/02 (2006.01) C10G 3/00 (2006.01)**

[25] EN

[54] **ALUMINA BOUND CATALYST FOR SELECTIVE CONVERSION OF OXYGENATES TO AROMATICS**

[54] **CATALYSEUR LIE A DE L'OXYDE D'ALUMINIUM POUR LA CONVERSION SELECTIVE DE COMPOSES OXYGENES EN AROMATIQUES**

[72] MCCARTHY, STEPHEN J., US

[72] VIJAY, ROHIT, US

[72] LOVELESS, BRETT, US

[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US

[85] 2016-03-31

[86] 2014-12-04 (PCT/US2014/068512)

[87] (WO2015/094685)

[30] US (61/919,013) 2013-12-20

[30] US (61/918,994) 2013-12-20

[30] US (61/918,984) 2013-12-20

[21] **2,926,153**  
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01)**

[25] EN

[54] **BISPECIFIC CONSTRUCTS AND THEIR USE IN THE TREATMENT OF VARIOUS DISEASES**

[54] **CONSTRUCTIONS BISPECIFIQUES ET LEUR UTILISATION DANS LE TRAITEMENT DE DIVERSES MALADIES**

[72] URECH, DAVID, CH

[72] GUNDE, TEA, CH

[72] MEYER, SEBASTIAN, CH

[71] NUMAB AG, CH

[85] 2016-04-06

[86] 2014-10-24 (PCT/EP2014/002876)

[87] (WO2015/058861)

[30] EP (13005113.9) 2013-10-25

[21] **2,926,155**  
[13] A1

[51] **Int.Cl. C07C 15/08 (2006.01) B01J 21/04 (2006.01) B01J 23/06 (2006.01) B01J 29/40 (2006.01) B01J 29/90 (2006.01) B01J 35/10 (2006.01) B01J 37/02 (2006.01) B01J 38/02 (2006.01) B01J 38/12 (2006.01) C07C 1/20 (2006.01) C07C 15/02 (2006.01) C10G 3/00 (2006.01)**

[25] EN

[54] **BOUND CATALYST FOR SELECTIVE CONVERSION OF OXYGENATES TO AROMATICS**

[54] **CATALYSEUR LIE POUR LA CONVERSION SELECTIVE D'OXYGENATS EN AROMATIQUES**

[72] MCCARTHY, STEPHEN J., US

[72] VIJAY, ROHIT, US

[72] LOVELESS, BRETT, US

[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US

[85] 2016-03-31

[86] 2014-12-04 (PCT/US2014/068515)

[87] (WO2015/094687)

[30] US (61/919,013) 2013-12-20

[30] US (61/918,994) 2013-12-20

[30] US (61/918,984) 2013-12-20

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[21] **2,926,156**  
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61P 31/04 (2006.01)**  
[25] EN  
[54] **INHIBITORS OF METALLO-BETA-LACTAMASE (MBL) COMPRISING A ZINC CHELATING MOIETY**  
[54] **INHIBITEURS DE METALLO-BETA-LACTAMASE (MBL) COMPRENANT UNE FRACTION DE CHELATION DU ZINC**  
[72] RONGVED, PAL, NO  
[72] ASTRAND, OVE ALEXANDER HOGMOEN, NO  
[72] BAYER, ANNETTE, NO  
[72] LEIROS, HANNA-KIRSTI SCHRODER, NO  
[72] SAMUELSEN, ORJAN, NO  
[72] EDVARSDEN, KINE SUSANN WADE, NO  
[71] UNIVERSITETET I OSLO, NO  
[85] 2016-04-01  
[86] 2014-10-06 (PCT/GB2014/053009)  
[87] (WO2015/049546)  
[30] GB (1317619.3) 2013-10-04

[21] **2,926,157**  
[13] A1

[51] **Int.Cl. E21B 43/08 (2006.01) E21B 43/10 (2006.01)**  
[25] EN  
[54] **METHODS FOR REPLENISHING PARTICLES SCREENED FROM DRILLING FLUIDS**  
[54] **PROCEDE DE RENFLOUEMENT DE PARTICULES TAMISEES A PARTIR DE FLUIDES DE FORAGE**  
[72] JAMISON, DALE E., US  
[72] WHITFILL, DON L., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2016-04-01  
[86] 2013-11-01 (PCT/US2013/068057)  
[87] (WO2015/065475)

[21] **2,926,159**  
[13] A1

[51] **Int.Cl. G01N 27/82 (2006.01)**  
[25] EN  
[54] **PIPELINE CONDITION DETECTING APPARATUS AND METHOD**  
[54] **APPAREIL ET PROCEDE DE DETECTION D'ETAT DE CONDUITE**  
[72] WAYMAN, MALCOLM, GB  
[72] TREECE, RICHARD, GB  
[71] ADVANCED ENGINEERING SOLUTIONS LTD., GB  
[85] 2016-04-01  
[86] 2014-10-14 (PCT/GB2014/053080)  
[87] (WO2015/055995)  
[30] GB (1318096.3) 2013-10-14

[21] **2,926,160**  
[13] A1

[51] **Int.Cl. E21B 17/03 (2006.01) E21B 17/046 (2006.01) E21B 19/18 (2006.01)**  
[25] EN  
[54] **ADJUSTABLE SHEAR ASSEMBLY**  
[54] **ENSEMBLE DE CISAILLEMENT AJUSTABLE**  
[72] STOKES, MATTHEW BRADLEY, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2016-04-01  
[86] 2013-11-04 (PCT/US2013/068320)  
[87] (WO2015/065493)

[21] **2,926,161**  
[13] A1

[51] **Int.Cl. A61K 38/21 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **COMBINATION TUMOR TREATMENT WITH DRUG-LOADED, BISPECIFIC LIGAND-TARGETED MINICELLS AND INTERFERON-GAMMA**  
[54] **TRAITEMENT DE TUMEUR COMBINE AVEC MINICELULES CHARGEES DE MEDICAMENT DIRIGES PAR LIGANDS BISPECIFIQUES ET INTERFERON GAMMA**  
[72] BRAHMBHATT, HIMANSHU, AU  
[72] MACDIARMID, JENNIFER, AU  
[71] ENGENEIC MOLECULAR DELIVERY PTY LTD, AU  
[85] 2016-04-01  
[86] 2014-10-03 (PCT/IB2014/002824)  
[87] (WO2015/049589)  
[30] US (61/887,258) 2013-10-04

[21] **2,926,162**  
[13] A1

[51] **Int.Cl. C09D 5/44 (2006.01) C25D 3/54 (2006.01) C25D 9/08 (2006.01)**  
[25] EN  
[54] **AQUEOUS DIP-COATING COMPOSITION FOR ELECTROCONDUCTIVE SUBSTRATES, COMPRISING DISSOLVED BISMUTH**  
[54] **COMPOSITION AQUEUSE DE REVETEMENT A LA TREMPE POUR SUBSTRATS ELECTROCONDUCTEURS, RENFERMANT DU BISMUTH DISSOUT**  
[72] WAPNER, KRISTOF, DE  
[72] GASPAR, FLORIAN, DE  
[72] HAMMER, CHRISTIAN, DE  
[71] BASF COATINGS GMBH, DE  
[71] HENKEL AG & CO. KGAA, DE  
[85] 2016-04-01  
[86] 2013-11-18 (PCT/EP2013/074104)  
[87] (WO2015/070931)

[21] **2,926,164**  
[13] A1

[51] **Int.Cl. G01B 9/02 (2006.01) E21B 49/00 (2006.01) G01V 8/24 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHODS OF MULTIPLEXING TRANSMISSIVE OPTICAL SENSORS**  
[54] **APPAREIL ET PROCEDES DE MULTIPLEXAGE DE CAPTEURS OPTIQUES TRANSMISSIFS**  
[72] LEBLANC, MICHEL JOSEPH, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2016-04-01  
[86] 2013-11-14 (PCT/US2013/070051)  
[87] (WO2015/073000)

[21] **2,926,165**  
[13] A1

[51] **Int.Cl. F42B 12/20 (2006.01) F42B 12/22 (2006.01) F42B 12/58 (2006.01)**  
[25] EN  
[54] **MUNITION**  
[54] **MUNITION**  
[72] KALLIALA, JUHO, FI  
[71] LEIJONA INSTITUUTTI OY, FI  
[85] 2016-04-01  
[86] 2013-10-02 (PCT/FI2013/050951)  
[87] (WO2015/049411)

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[21] **2,926,166**  
[13] A1

[51] **Int.Cl. C02F 3/12 (2006.01) B01D 63/08 (2006.01) B01D 65/08 (2006.01) B01F 3/04 (2006.01) C02F 3/20 (2006.01)**

[25] EN

[54] **ADJUSTABLE VARIABLE BUBBLE SIZE AERATION FOR SUBMERGED MEMBRANE AIR SCOUR**

[54] **AERATION A TAILLES DE BULLES VARIABLES, AJUSTABLES POUR LE LAVAGE A L'AIR AVEC MEMBRANE IMMERGEE**

[72] LIVINGSTON, DENNIS, US  
[72] BUCHER, DOUGLAS JOHN, US  
[72] FUNAKUBO, NOBORU, AT  
[72] LEWIS, CHRISTOPHER BRYAN, US  
[71] OVIVO LUXEMBOURG S.A.R.L., LU  
[71] AQUACONSULT ANLAGENBAU GMBH, AT

[85] 2016-04-01  
[86] 2014-10-03 (PCT/IB2014/002830)  
[87] (WO2015/049590)  
[30] US (61/887,262) 2013-10-04

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[21] **2,926,167**  
[13] A1

[51] **Int.Cl. B04B 3/04 (2006.01) B04B 7/04 (2006.01) B04B 11/02 (2006.01)**

[25] EN

[54] **CENTRIFUGAL SEPARATOR SEPARATEUR CENTRIFUGE**

[72] VICENTINI, RENZO, IT  
[72] WALRAVEN, ALBERT, AE  
[71] MANTOVANI & VICENTINI S.R.L., IT

[85] 2016-04-01  
[86] 2013-10-02 (PCT/IT2013/000266)  
[87] (WO2015/049703)

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[21] **2,926,168**  
[13] A1

[51] **Int.Cl. B08B 9/28 (2006.01) B65B 7/28 (2006.01) B65B 61/00 (2006.01) B65D 51/20 (2006.01) C03C 23/00 (2006.01) C03C 27/04 (2006.01)**

[25] EN

[54] **PREPARING A SEALING SURFACE OF A CONTAINER PREPARATION D'UNE SURFACE DE SCÉLÈMENT D'UN CONTENANT**

[72] BROZELL, BRIAN J., US  
[72] CHISHOLM, BRIAN J., US  
[72] OLSAVSKY, JOSEPH E., US  
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US

[85] 2016-04-01  
[86] 2014-09-08 (PCT/US2014/054488)  
[87] (WO2015/050674)  
[30] US (14/045,354) 2013-10-03

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[21] **2,926,169**  
[13] A1

[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/10 (2006.01) A61K 31/728 (2006.01)**

[25] FR

[54] **CONTINUOUS RELEASE COMPOSITIONS MADE FROM HYALURONIC ACID, AND THERAPEUTIC APPLICATIONS OF SAME**

[54] **COMPOSITIONS A LIBERATION CONTINUE A BASE D'ACIDE HYALURONIQUE, ET LEURS APPLICATIONS THERAPEUTIQUES**

[72] GUILLEMIN, YANNIS, FR  
[72] VACHER, DOMINIQUE, FR  
[72] PERRIER, THOMAS, FR  
[72] GONNET, MAUD, FR  
[72] GOUZE, JEAN-NOEL, FR  
[71] GENBIOTECH, FR

[85] 2016-04-01  
[86] 2014-08-06 (PCT/IB2014/063744)  
[87] (WO2015/019304)  
[30] EP (PCT/EP2013/066763) 2013-08-09

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[21] **2,926,170**  
[13] A1

[51] **Int.Cl. B29C 70/48 (2006.01) B29C 43/36 (2006.01)**

[25] FR

[54] **METHOD AND ASSEMBLY FOR THE PRODUCTION OF A COMPOSITE BLADE**

[54] **PROCEDE ET ENSEMBLE DE FABRICATION D'AUBE COMPOSITE**

[72] MARCHAL, YANN, FR  
[72] ENGEL, JEREMY, US  
[72] GIMAT, MATTHIEU, FR  
[71] SNECMA, FR

[85] 2016-04-01  
[86] 2014-10-03 (PCT/FR2014/052512)  
[87] (WO2015/049474)  
[30] US (61/886,678) 2013-10-04  
[30] FR (1457909) 2014-08-21

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[21] **2,926,171**  
[13] A1

[51] **Int.Cl. B04B 3/04 (2006.01) B04B 7/04 (2006.01) B04B 7/16 (2006.01) B04B 11/02 (2006.01) B04B 15/06 (2006.01)**

[25] EN

[54] **CENTRIFUGAL SEPARATOR SEPARATEUR CENTRIFUGE**

[72] VICENTINI, RENZO, IT  
[72] WALRAVEN, ALBERT, AE  
[71] MANTOVANI & VICENTINI S.R.L., IT

[85] 2016-04-01  
[86] 2013-10-02 (PCT/IT2013/000268)  
[87] (WO2015/049705)

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[21] **2,926,172**  
[13] A1

[51] **Int.Cl. B32B 17/10 (2006.01) B60J 1/00 (2006.01) B60J 1/02 (2006.01) C03C 27/12 (2006.01)**

[25] FR

[54] **THIN LAMINATED GLASS FOR WINDSCREEN**

[54] **VERRE FEUILLETE MINCE POUR PARE-BRISE**

[72] LESTRINGANT, CLAIRE, FR  
[72] GY, RENE, FR  
[72] KREMERS, STEPHAN, DE  
[71] SAINT-GOBAIN GLASS FRANCE, FR

[85] 2016-04-01  
[86] 2014-10-22 (PCT/FR2014/052685)  
[87] (WO2015/059407)  
[30] FR (1360326) 2013-10-23

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[21] **2,926,173**  
[13] A1

[51] **Int.Cl. A61K 38/30 (2006.01) A61P 21/00 (2006.01)**  
[25] EN  
[54] **INSULIN-LIKE GROWTH FACTOR MIMETICS FOR USE IN THERAPY**  
[54] **MIMETIQUE DU FACTEUR DE CROISSANCE SEMBLABLE A L'INSULINE DESTINE A ETRE UTILISE EN THERAPIE**  
[72] FISCHBECK, KENNETH, US  
[72] GLASS, DAVID, US  
[71] NOVARTIS AG, CH  
[71] NATIONAL INSTITUTES OF HEALTH, US  
[85] 2016-04-01  
[86] 2014-09-30 (PCT/IB2014/064952)  
[87] (WO2015/049630)  
[30] US (61/885,811) 2013-10-02

[21] **2,926,174**  
[13] A1

[51] **Int.Cl. F28F 9/013 (2006.01) F28D 7/08 (2006.01)**  
[25] EN  
[54] **HEAT EXCHANGER**  
[54] **ECHANGEUR DE CHALEUR**  
[72] BOND, ALAN, GB  
[72] VARVILL, RICHARD, GB  
[71] REACTION ENGINES LIMITED, GB  
[85] 2016-04-01  
[86] 2014-10-10 (PCT/GB2014/000405)  
[87] (WO2015/052469)  
[30] GB (1318098.9) 2013-10-11  
[30] GB (1318099.7) 2013-10-11  
[30] GB (1318100.3) 2013-10-11  
[30] GB (1318107.8) 2013-10-11  
[30] GB (1318109.4) 2013-10-11  
[30] US (14/296,603) 2014-06-05

[21] **2,926,175**  
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/52 (2006.01) B01D 53/62 (2006.01) B01D 53/77 (2006.01) C01B 17/16 (2006.01) C01B 31/20 (2006.01)**  
[25] EN  
[54] **RECLAIMING DEVICE, METHOD, AND RECOVERY UNIT OF CO<sub>2</sub>, H<sub>2</sub>S, OR BOTH OF CO<sub>2</sub> AND H<sub>2</sub>S**  
[54] **DISPOSITIF DE RECUPERATION, METHODE ET MODULE DE RECUPERATION DE CO<sub>2</sub>, H<sub>2</sub>S OU DE CO<sub>2</sub> ET H<sub>2</sub>S**  
[72] TANAKA, HIROSHI, JP  
[72] NAGAYASU, HIROMITSU, JP  
[72] HIRATA, TAKUYA, JP  
[72] YUKUMOTO, ATSUHIRO, JP  
[72] OISHI, TSUYOSHI, JP  
[72] NAKATANI, SHINSUKE, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[85] 2016-04-01  
[86] 2014-10-14 (PCT/JP2014/077354)  
[87] (WO2015/056677)  
[30] JP (2013-217749) 2013-10-18

[21] **2,926,176**  
[13] A1

[51] **Int.Cl. B28B 7/00 (2006.01) B28B 7/24 (2006.01) B28B 7/34 (2006.01)**  
[25] EN  
[54] **MOULD FOR BUILDING COATING PRODUCTS AND PLANT FOR MANUFACTURING SUCH COATING PRODUCTS**  
[54] **MOULE POUR FABRIQUER DES PRODUITS DE REVETEMENT ET INSTALLATION POUR FABRIQUER CES PRODUITS DE REVETEMENT**  
[72] MERLI, VITTORIO, IT  
[72] SAVORELLI, ADRIANO, IT  
[71] VH S.R.L., IT  
[85] 2016-04-01  
[86] 2014-12-01 (PCT/IB2014/066473)  
[87] (WO2015/083058)  
[30] IT (MI2013A002011) 2013-12-02

[21] **2,926,177**  
[13] A1

[51] **Int.Cl. F24F 11/02 (2006.01)**  
[25] EN  
[54] **IR TRANSLATOR PROVIDING DEMAND-CONTROL FOR DUCTLESS SPLIT HVAC SYSTEMS**  
[54] **TRADUCTEUR IR A FONCTION DE MODULATION A LA DEMANDE POUR SYSTEMES CVC BI-BLOCS SANS CONDUITS**  
[72] ALAMARAS, KEVIN C., US  
[72] BRAGER, RYAN F., US  
[72] ROGNLI, ROGER W., US  
[71] COOPER TECHNOLOGIES COMPANY, US  
[85] 2016-04-01  
[86] 2014-09-25 (PCT/US2014/057393)  
[87] (WO2015/050768)  
[30] US (14/046,106) 2013-10-04

[21] **2,926,178**  
[13] A1

[51] **Int.Cl. F02K 9/78 (2006.01) F02C 7/08 (2006.01) F02K 7/18 (2006.01)**  
[25] EN  
[54] **COMBINED TURBOJET AND TURBOPROP ENGINE**  
[54] **SYSTEME COMBINANT TURBOREACTEUR ET TURBOPROPULSEUR**  
[72] BOND, ALAN, GB  
[72] VARVILL, RICHARD, GB  
[71] REACTION ENGINES LIMITED, GB  
[85] 2016-04-01  
[86] 2014-10-10 (PCT/GB2014/000408)  
[87] (WO2015/052472)  
[30] GB (1318111.0) 2013-10-11  
[30] US (14/296,624) 2014-06-05

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[21] **2,926,179**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G01V 1/28 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SEISMIC ADAPTIVE OPTICS**  
[54] **SYSTEME ET PROCEDE POUR DES OPTIQUES ADAPTATIVES SISMQUES**  
[72] ETGEN, JOHN THEODORE, US  
[72] PEREZ, GABRIEL, US  
[72] ZHOU, MIN, US  
[71] BP CORPOARTION NORTH AMERICA INC., US  
[85] 2016-04-01  
[86] 2014-09-30 (PCT/US2014/058336)  
[87] (WO2015/050874)  
[30] US (61/885,680) 2013-10-02

[21] **2,926,181**  
[13] A1

[51] **Int.Cl. C12P 21/06 (2006.01) A23J 3/30 (2006.01) C07K 1/12 (2006.01)**  
[25] EN  
[54] **HYDROLYSATE OF ANIMAL PROTEIN, MANUFACTURING METHOD THEREOF AND USE THEREOF**  
[54] **HYDROLYSAT DE PROTEINE ANIMALE, SON PROCEDE DE PRODUCTION ET UTILISATION ASSOCIEE**  
[72] SUNWOO, HOON HEUL, CA  
[72] LEE, HO YOUNG, KR  
[71] INNOWAY CO., LTD, KR  
[85] 2016-04-01  
[86] 2014-02-07 (PCT/KR2014/001059)  
[87] (WO2015/050294)  
[30] KR (10-2013-0118518) 2013-10-04

[21] **2,926,182**  
[13] A1

[51] **Int.Cl. A61L 9/013 (2006.01) C11D 3/00 (2006.01)**  
[25] EN  
[54] **DEODORIZER**  
[54] **DESODORISANT**  
[72] PIOTROWSKI, MARY, US  
[71] PIOTROWSKI, MARY, US  
[85] 2016-04-01  
[86] 2014-10-01 (PCT/US2014/058599)  
[87] (WO2015/050973)  
[30] US (61/885,203) 2013-10-01

[21] **2,926,183**  
[13] A1

[51] **Int.Cl. A61K 38/10 (2006.01) A61K 38/16 (2006.01) A61K 38/17 (2006.01) A61P 13/08 (2006.01)**  
[25] EN  
[54] **COMPOSITION FOR TREATING AND PREVENTING BENIGN PROSTATIC HYPERPLASIA**  
[54] **COMPOSITION DE TRAITEMENT ET DE PREVENTION DE L'HYPERTROPHIE BENIGNE DE LA PROSTATE**  
[72] KIM, SANG JAE, KR  
[71] GEMVAX & KAEL CO., LTD., KR  
[71] KIM, SANG JAE, KR  
[85] 2016-04-01  
[86] 2014-10-23 (PCT/KR2014/010035)  
[87] (WO2015/060673)  
[30] KR (10-2013-0126666) 2013-10-23

[21] **2,926,184**  
[13] A1

[51] **Int.Cl. C22C 33/04 (2006.01)**  
[25] EN  
[54] **RECRYSTALLIZATION, REFINEMENT, AND STRENGTHENING MECHANISMS FOR PRODUCTION OF ADVANCED HIGH STRENGTH METAL ALLOYS**  
[54] **MECANISMES DE RECRISTALLISATION, RAFFINAGE, ET RENFORCEMENT POUR LA PRODUCTION D'ALLIAGES METALLIQUES AVANCES A HAUTE RESISTANCE**  
[72] BRANAGAN, DANIEL JAMES, US  
[72] JUSTICE, GRANT G., US  
[72] BALL, ANDREW T., US  
[72] WALLESER, JASON K., US  
[72] MEACHAM, BRIAN E., US  
[72] CLARK, KURTIS, US  
[72] MA, LONGZHOU, US  
[72] YAKUBTSOV, IGOR, US  
[72] LARISH, SCOTT, US  
[72] CHENG, SHENG, US  
[72] GIDDENS, TAYLOR L., US  
[72] FRERICHS, ANDREW E., US  
[72] SERGUEEVA, ALLA V., US  
[71] THE NANOSTEEL COMPANY, INC., US  
[85] 2016-04-01  
[86] 2014-10-02 (PCT/US2014/058883)  
[87] (WO2015/051162)  
[30] US (61/885,842) 2013-10-02

[21] **2,926,185**  
[13] A1

[51] **Int.Cl. B32B 38/14 (2006.01) B32B 23/08 (2006.01) E04F 15/10 (2006.01)**  
[25] EN  
[54] **METHOD OF FORMING A DECORATIVE WEAR RESISTANT LAYER**  
[54] **PROCEDE DE FORMATION D'UNE COUCHE DECORATIVE RESISTANTE A L'USURE**  
[72] PERVAN, DARKO, SE  
[71] FLOOR IPTECH AB, SE  
[85] 2016-04-01  
[86] 2014-10-22 (PCT/SE2014/051246)  
[87] (WO2015/060778)  
[30] SE (1351260-3) 2013-10-23

[21] **2,926,186**  
[13] A1

[51] **Int.Cl. E21B 17/02 (2006.01) F16L 25/01 (2006.01)**  
[25] EN  
[54] **INDUCTIVE COUPLER ASSEMBLY FOR DOWNHOLE TRANSMISSION LINE**  
[54] **ENSEMBLE COUPLEUR INDUCTIF POUR CONDUITE DE TRANSMISSION DE FOND DE TROU**  
[72] HASSELL, TRENT, US  
[72] CHRISTIANSEN, TED, US  
[72] THORNE, CRAIG, US  
[72] BECK, STERLING, US  
[72] COLLINS, ANTHONY L., US  
[72] MINERBO, GERALD, US  
[72] HORTON, CHARLES, US  
[72] WALL, DARREN, US  
[71] INTELLISERV INTERNATIONAL HOLDING, LTD., KY  
[85] 2016-04-01  
[86] 2014-10-02 (PCT/US2014/058887)  
[87] (WO2015/051165)  
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[13] A1

[51] **Int.Cl. G01M 3/26 (2006.01) E21B 47/007 (2012.01) E21B 47/10 (2012.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR A BENCHMARK PRESSURE TEST**  
[54] **SYSTEME ET PROCEDE POUR UN TEST DE PERFORMANCES DE PRESSION**  
[72] FRANKLIN, CHARLES M., US  
[72] CULLY, RICHARD A., US  
[71] INNOVATIVE PRESSURE TESTING, LLC, US  
[71] FRANKLIN, CHARLES M., US  
[71] CULLY, RICHARD A., US  
[85] 2016-04-01  
[86] 2013-10-17 (PCT/US2013/065413)  
[87] (WO2015/057226)

[21] **2,926,188**  
[13] A1

[51] **Int.Cl. E21B 17/02 (2006.01) E21B 17/06 (2006.01) E21B 19/16 (2006.01) E21B 29/06 (2006.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR ORIENTING A TOOL IN A WELLBORE**  
[54] **PROCEDES ET SYSTEMES POUR ORIENTER UN OUTIL DANS UN Puits DE FORAGE**  
[72] GOSNEY, JON T., US  
[71] HALLIBURTON ENERGY SERVICES INC., US  
[85] 2016-04-01  
[86] 2013-10-22 (PCT/US2013/066044)  
[87] (WO2015/060817)

[21] **2,926,189**  
[13] A1

[51] **Int.Cl. A47C 7/74 (2006.01)**  
[25] EN  
[54] **HEATED COVER FOR AN ARTICLE OF FURNITURE**  
[54] **DISPOSITIF COUVRANT CHAUFFE POUR UN MEUBLE**  
[72] SMITH, REANNA GAYLE, US  
[72] SMITH, KYLE MATTHEW, US  
[71] SMITH, REANNA GAYLE, US  
[71] SMITH, KYLE MATTHEW, US  
[85] 2016-04-01  
[86] 2014-10-02 (PCT/US2014/058892)  
[87] (WO2015/051170)  
[30] US (14/044,408) 2013-10-02

[21] **2,926,190**  
[13] A1

[51] **Int.Cl. A61K 39/102 (2006.01)**  
[25] EN  
[54] **HAEMOPHILUS PARASUIS VACCINE SEROVAR TYPE FOUR**  
[54] **VACCIN CONTRE HAEMOPHILUS PARASUIS, SEROTYPE 4**  
[72] LAWRENCE, PAULRAJ KIRUBAKARAN, US  
[72] BEY, RUSSELL F., US  
[71] MERIAL, INC., US  
[85] 2016-04-01  
[86] 2014-10-06 (PCT/US2014/059330)  
[87] (WO2015/051371)  
[30] US (61/886,991) 2013-10-04

[21] **2,926,191**  
[13] A1

[51] **Int.Cl. A61K 8/41 (2006.01) A61K 8/46 (2006.01) A61K 8/898 (2006.01) A61Q 5/04 (2006.01)**  
[25] EN  
[54] **HAIR CONDITIONING COMPOSITION COMPRISING AMMONIUM THIOGLYCOLATE AND/OR AMMONIUM THIOLACTATE**  
[54] **COMPOSITION DE CONDITIONNEMENT DES CHEVEUX COMPRENANT DU THIOGLYCOLATE D'AMMONIUM ET/OU DU THIOLACTATE D'AMMONIUM**  
[72] WORNER, CHRISTIANE, DE  
[72] FRIEDERICH, RAINER, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2016-04-01  
[86] 2014-10-01 (PCT/US2014/058508)  
[87] (WO2015/050914)  
[30] EP (13187026.3) 2013-10-02

[21] **2,926,192**  
[13] A1

[51] **Int.Cl. G06T 17/00 (2006.01)**  
[25] EN  
[54] **THREE DIMENSIONAL WELLBORE VISUALIZATION**  
[54] **VISUALISATION DE Puits DE FORAGE EN TROIS DIMENSIONS**  
[72] WHALLEY, ANDREW JAMES, CA  
[72] COLVIN, DAN, US  
[72] PRATT, DEWAYNE EDWARD, US  
[71] LANDMARK GRAPHICS CORPORATION, US  
[85] 2016-04-01  
[86] 2013-10-23 (PCT/US2013/066421)  
[87] (WO2015/060846)

[21] **2,926,193**  
[13] A1

[51] **Int.Cl. G01P 13/00 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR CONTROLLING ELECTRICAL DEVICES AND SOFTWARE PROGRAMS AND METHODS FOR MAKING AND USING SAME**  
[54] **APPAREILS POUR ASSURER LA COMMANDE DE DISPOSITIFS ELECTRIQUES ET DE PROGRAMMES INFORMATIQUES, ET PROCEDES DE PRODUCTION ET D'UTILISATION DESDITS APPAREILS**  
[72] JOSEPHSON, JONATHAN, US  
[71] QUANTUM INTERFACE, LLC, US  
[85] 2016-04-01  
[86] 2014-10-01 (PCT/US2014/058706)  
[87] (WO2015/051046)  
[30] US (61/885,453) 2013-10-01

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[13] A1

[51] **Int.Cl. C09D 183/00 (2006.01) C09D 5/00 (2006.01) C09D 7/12 (2006.01)**

[25] EN

[54] **TRANSPARENT HYDROPHOBIC COATING MATERIALS WITH IMPROVED DURABILITY AND METHODS OF MAKING SAME**

[54] **MATERIAUX DE REVETEMENT HYDROPHOBES TRANSPARENTS AYANT UNE DURABILITE AMELIOREE ET LEURS PROCEDES DE FABRICATION**

[72] KOENE, BRYAN, US

[72] MAISURIA, BHADRESH, US

[72] METROKE, TAMMY, US

[72] MCGREGOR, ALAINA, US

[71] LUNA INNOVATIONS INCORPORATED, US

[85] 2016-04-01

[86] 2014-10-02 (PCT/US2014/058715)

[87] (WO2015/051053)

[30] US (61/886,854) 2013-10-04

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[13] A1

[51] **Int.Cl. C09K 8/508 (2006.01) C09K 8/12 (2006.01)**

[25] EN

[54] **VULCANIZED OIL AND WATER SWELLABLE PARTICULATE COMPOSITE COMPOSITIONS**

[54] **COMPOSITIONS COMPOSITES PARTICULAIRES POUVANT GONFLER A L'HUILE ET A L'EAU VULCANISEES**

[72] REDDY, B. RAGHAVA, US

[72] LIANG, FENG, US

[72] MORGAN, RONNIE G., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-04-01

[86] 2013-10-30 (PCT/US2013/067398)

[87] (WO2015/065351)

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[13] A1

[51] **Int.Cl. F16L 9/18 (2006.01) F16L 9/19 (2006.01) F16L 11/22 (2006.01)**

[25] EN

[54] **HOSE FOR BULK TRANSFER OPERATIONS**

[54] **TUYAU POUR DES OPERATIONS DE TRANSFERT EN VRAC**

[72] LOGAN, GORDON M., GB

[72] LAUDER, COLIN, US

[72] RASMUSSEN, FRODE, NO

[71] M-I L.L.C., US

[71] M-I DRILLING FLUIDS UK LTD., GB

[71] SCHLUMBERGER NORGE AS, NO

[85] 2016-04-01

[86] 2014-10-02 (PCT/US2014/058734)

[87] (WO2015/051063)

[30] US (61/886,345) 2013-10-03

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[21] **2,926,197**  
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01)**

[25] EN

[54] **ZEA MAYS METALLOTHIONEIN-LIKE REGULATORY ELEMENTS AND USES THEREOF**

[54] **ELEMENTS REGULATEURS DU GENE DE TYPE METALLOTHIONEINE DE ZEA MAYS ET LEURS UTILISATIONS**

[72] GUPTA, MANJU, US

[72] KUMAR, SANDEEP, US

[72] ELANGO, NAVIN, US

[72] MUTHURAMAN, KARTHIK NARAYNA, US

[72] BERINGER, JEFFREY, US

[72] WU, HUIXIA, US

[72] SARDESAI, NAGESH, US

[71] DOW AGROSCIENCES LLC, US

[85] 2016-04-01

[86] 2014-10-02 (PCT/US2014/058753)

[87] (WO2015/051075)

[30] US (61/886,943) 2013-10-04

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[21] **2,926,198**  
[13] A1

[51] **Int.Cl. A61B 5/145 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR REVISING PERMANENT ROM-BASED PROGRAMMING**

[54] **SYSTEMES ET PROCEDES DE REVISION D'UNE PROGRAMMATION BASEE SUR UNE MEMOIRE MORTE PERMANENTE**

[72] HUA, DAVID, US

[72] LENO, KURT, US

[71] ABBOTT DIABETES CARE INC, US

[85] 2016-04-01

[86] 2014-11-26 (PCT/US2014/067727)

[87] (WO2015/081268)

[30] US (61/909,948) 2013-11-27

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[13] A1

[51] **Int.Cl. A61K 35/50 (2015.01) A61K 35/51 (2015.01) A61K 35/28 (2015.01)**

[25] EN

[54] **THERAPY WITH CELLS FROM HUMAN PLACENTA AND HEMATOPOIETIC CELLS**

[54] **THERAPIE A CELLULES PROVENANT DE PLACENTA HUMAIN ET DES CELLULES HEMATOPOIETIQUES**

[72] GURNEY, JODI P., US

[72] ZHANG, XIAOKUI, US

[72] HERB, STACY, US

[72] HARIRI, ROBERT J., US

[71] ANTHROGENESIS CORPORATION, US

[85] 2016-04-01

[86] 2014-10-02 (PCT/US2014/058774)

[87] (WO2015/051088)

[30] US (61/886,648) 2013-10-03

[30] US (61/890,057) 2013-10-11

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[13] A1

[51] **Int.Cl. A61M 1/36 (2006.01) B60B 1/00 (2006.01) C12M 1/00 (2006.01) C12M 1/26 (2006.01)**

[25] EN

[54] **ACOUSTOPHORESIS DEVICE WITH MODULAR COMPONENTS**

[54] **DISPOSITIF D'ACOUSTOPHORESE A COMPOSANTS MODULAIRES**

[72] LIPKENS, BART, US

[72] BARNES, JASON, US

[72] MEALEY, DANE, US

[72] PRESZ, WALTER M., JR., US

[72] KOWALSKI, STANLEY, III, US

[72] MASI, LOUIS, US

[72] KENNEDY, THOMAS J., III, US

[72] MCCARTHY, BRIAN, US

[72] ROSS-JOHNSRUD, BEN, US

[71] FLODESIGN SONICS, INC., US

[85] 2016-04-01

[86] 2014-11-05 (PCT/US2014/064088)

[87] (WO2015/069739)

[30] US (61/900,395) 2013-11-05

[30] US (62/020,088) 2014-07-02

[21] **2,926,201**  
[13] A1

[51] **Int.Cl. G02B 6/38 (2006.01) G02B 6/036 (2006.01) G02B 6/36 (2006.01)**

[25] EN

[54] **FIBER OPTIC ROTARY JOINT WITH DUAL-CORE FIBER**

[54] **ARTICULATION TOURNANTE DE FIBRE OPTIQUE A FIBRE DOUBLE CŒUR**

[72] JAASKELAINEN, MIKKO, US

[72] MITCHELL, IAN BRADFORD, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-04-01

[86] 2013-11-15 (PCT/US2013/070354)

[87] (WO2015/073028)

[21] **2,926,202**  
[13] A1

[51] **Int.Cl. G01N 21/27 (2006.01) G01J 3/46 (2006.01) G01N 1/38 (2006.01)**

[25] EN

[54] **MULTIPLE WAVELENGTH LIGHT SOURCE FOR COLORIMETRIC MEASUREMENT**

[54] **SOURCE DE LUMIERE A MULTIPLES LONGUEURS D'ONDES POUR MESURES COLORIMETRIQUES**

[72] BUTCHER, BRADLEY A., US

[72] FENG, CHANG-DONG, US

[71] ROSEMOUNT ANALYTICAL INC., US

[85] 2016-04-01

[86] 2014-10-02 (PCT/US2014/058782)

[87] (WO2015/051092)

[30] US (61/886,291) 2013-10-03

[30] US (14/502,425) 2014-09-30

[21] **2,926,204**  
[13] A1

[51] **Int.Cl. G01N 21/63 (2006.01) G01N 1/38 (2006.01) G01N 21/77 (2006.01)**

[25] EN

[54] **PHOTOMETRIC MEASUREMENT CELL**

[54] **CELLULE DE MESURE PHOTOMETRIQUE**

[72] BUTCHER, BRADLEY A., US

[72] FENG, CHANG-DONG, US

[72] LOMIBAO, JEFFREY, US

[72] CIOBANU, CALIN, US

[71] ROSEMOUNT ANALYTICAL INC., US

[85] 2016-04-01

[86] 2014-10-02 (PCT/US2014/058785)

[87] (WO2015/051094)

[30] US (61/886,293) 2013-10-03

[30] US (14/502,454) 2014-09-30

[21] **2,926,205**  
[13] A1

[51] **Int.Cl. G01V 1/30 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR GRADATIONAL SEISMIC VOLUME CLASSIFICATION**

[54] **METHODE ET SYSTEME DE CLASSIFICATION DE VOLUME SISMIQUE GRADUELLE**

[72] NGUYEN, NAM X., US

[72] HEINRICH, EUGENE C., CA

[72] CHAN, JOCELYN, CA

[71] LANDMARK GRAPHICS CORPORATION, US

[85] 2016-04-01

[86] 2013-11-27 (PCT/US2013/072332)

[87] (WO2015/080739)

[21] **2,926,206**  
[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01)**

[25] EN

[54] **A SYSTEM AND METHOD FOR NFC PEER-TO-PEER AUTHENTICATION AND SECURE DATA TRANSFER**

[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION POSTE A POSTE DE COMMUNICATION EN CHAMP PROCHE (NFC) ET TRANSFERT DE DONNEES SECURISE**

[72] NEAFSEY, JEFFREY SCOTT, US

[72] MALONE, MICHAEL WILLIAM, US

[72] ABOUHASHEM, HAMID, US

[71] SCHLAGE LOCK COMPANY LLC, US

[85] 2016-04-01

[86] 2014-02-07 (PCT/US2014/015370)

[87] (WO2014/124300)

[30] US (61/762,150) 2013-02-07

[30] US (61/862,423) 2013-08-05

[30] US (61/881,329) 2013-09-23

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[13] A1

[51] **Int.Cl. C07D 213/81 (2006.01) A61K 31/4439 (2006.01) A61K 31/506 (2006.01) C07D 239/48 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 403/04 (2006.01) C07D 407/04 (2006.01) C07D 409/04 (2006.01) C07D 413/04 (2006.01) C07D 413/06 (2006.01) C07D 487/04 (2006.01)**

[25] EN

[54] **HETEROARYL COMPOUNDS AS BTK INHIBITORS AND USES THEREOF**

[54] **COMPOSES HETEROARYLE SERVANT D'INHIBITEURS DE LA BTK ET LEURS UTILISATIONS**

[72] QIU, HUI, US  
[72] CALDWELL, RICHARD D., US  
[72] NEAGU, CONSTANTIN, US  
[72] MOCHALKIN, IGOR, US  
[72] LIU-BUJALSKI, LESLEY, US  
[72] JONES, REINALDO, US  
[72] TATE, DEVON, US  
[72] JOHNSON, THERESA L., US  
[72] GARDBERG, ANNA, US  
[71] MERCK PATENT GMBH, DE  
[85] 2016-04-01  
[86] 2014-10-21 (PCT/US2014/061455)  
[87] (WO2015/061247)  
[30] US (61/893,613) 2013-10-21

[21] **2,926,208**  
[13] A1

[51] **Int.Cl. G06M 1/04 (2006.01)**

[25] EN

[54] **COUNTER AND HANDHELD DEVICE WITH COUNTER**

[54] **COMPTEUR ET APPAREIL PORTATIF EQUIPE D'UN COMPTEUR**

[72] VON SCHUCKMANN, ALFRED, DE  
[71] VON SCHUCKMANN, ALFRED, DE  
[85] 2016-04-04  
[86] 2014-10-07 (PCT/EP2014/071427)  
[87] (WO2015/055463)  
[30] DE (10 2013 111 381.8) 2013-10-15  
[30] DE (10 2014 114 462.7) 2014-10-06

[21] **2,926,209**  
[13] A1

[51] **Int.Cl. B01F 3/04 (2006.01)**

[25] EN

[54] **AIR-POWERED WATER CIRCULATION SYSTEMS FOR PONDS, LAKES, MUNICIPAL WATER TANKS, AND OTHER BODIES OF WATER**

[54] **SYSTEMES PNEUMATIQUES DE CIRCULATION D'EAU POUR ETANGS**

[72] BLETH, JOEL J., US  
[72] WALTER, DOUGLAS P., US  
[72] ZENT, JONATHAN L., US  
[72] SIMNIONIW, COREY M., US  
[72] TORMASCHY, WILLARD R., US  
[71] MEDORA ENVIRONMENTAL, INC., US  
[85] 2016-04-01  
[86] 2014-10-21 (PCT/US2014/061566)  
[87] (WO2015/061310)  
[30] US (61/894,217) 2013-10-22

[21] **2,926,210**  
[13] A1

[51] **Int.Cl. A61F 6/14 (2006.01)**

[25] EN

[54] **INTRAUTERINE DEVICE WITH CONTROLLED COPPER ION ELUTION**

[54] **DISPOSITIF INTRA-UTERIN A ELUTION D'ION DE CUIVRE REGULEE**

[72] TAL, MICHAEL, IL  
[72] KATZ, BOB H., US  
[72] RUSSELL, SCOTT M., US  
[71] CONTRAMED, LLC, US  
[85] 2016-04-01  
[86] 2014-08-01 (PCT/US2014/049392)  
[87] (WO2015/057291)  
[30] US (61/890,714) 2013-10-14  
[30] US (14/289,530) 2014-05-28

[21] **2,926,211**  
[13] A1

[51] **Int.Cl. A61K 31/519 (2006.01) A61P 13/12 (2006.01)**

[25] EN

[54] **4-[5-(3-CHLORO-PHENOXY)-OXAZOLO[5,4-D]PYRIMIDIN-2-YL]-2,6-DIMETHYL-PHENOXY}-ACETIC ACID FOR USE IN THE PREVENTION OR TREATMENT OF ACUTE KIDNEY INJURY**

[54] **ACIDE 4- [5- (3-CHLORO-PHENOXY) -OXAZOLO [5,4-D] PYRIMIDIN -2-YL] -2,6-DIMETHYL-PHENOXY}-ACETIQUE DESTINE A ETRE UTILISE DANS LA PREVENTION OU LE TRAITEMENT D'UNE INSUFFISANCE RENALE AIGUE**

[72] BRIAND, VERONIQUE, FR  
[72] GRATZER, SABINE, FR  
[72] HUEBSCHLE, THOMAS, DE  
[72] JANIAK, PHILIP, FR  
[72] KADEREIT, DIETER, DE  
[72] PARKAR, ASHFAQ, US  
[72] POIRIER, BRUNO, FR  
[72] SCHAEFER, MATTHIAS, DE  
[72] WOHLFART, PAULUS, DE  
[71] SANOFI, FR  
[85] 2016-04-04  
[86] 2014-10-15 (PCT/EP2014/072078)  
[87] (WO2015/055694)  
[30] EP (13306417.0) 2013-10-15

[21] **2,926,212**  
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/145 (2006.01) G01N 27/416 (2006.01) G01N 33/49 (2006.01)**

[25] EN

[54] **METHODS AND APPARATUSES FOR PROVIDING ADVERSE CONDITION NOTIFICATION WITH ENHANCED WIRELESS COMMUNICATION RANGE IN ANALYTE MONITORING SYSTEMS**

[54] **PROCEDES ET APPAREILS DE SIGNALEMENT DE CONDITION DEFAVORABLE DANS UNE PLAGES DE COMMUNICATION SANS FIL AMELIOREE DE SYSTEMES DE SURVEILLANCE D'ANALYTE**

[72] COLE, JEAN-PIERRE, US  
[71] ABBOTT DIABETES CARE INC., US  
[85] 2016-04-01  
[86] 2014-10-21 (PCT/US2014/061644)  
[87] (WO2015/065775)  
[30] US (61/896,614) 2013-10-28

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[21] **2,926,213**  
[13] A1

[51] **Int.Cl. B01D 53/04 (2006.01) B01D 53/86 (2006.01)**  
[25] EN  
[54] **POLYMERISATION SYSTEM HAVING A REGENERATION DEVICE FOR AN ADSORPTIVE AND/OR CATALYTIC CLEANING DEVICE, REGENERATION DEVICE, AND REGENERATION METHOD**  
[54] **SYSTEME DE POLYMERISATION EQUIPE D'UN DISPOSITIF REGENERATION POUR DISPOSITIF DE PURIFICATION PAR CATALYSE ET/OU ADSORPTION, DISPOSITIF DE REGENERATION ET PROCEDE DE REGENERATION**  
[72] WITZLEB, VOLKER, DE  
[72] DIETZEN, MARKUS, DE  
[72] GOBEL, UWE, DE  
[72] HELLER, ANDRE, DE  
[72] GROSSE, OLIVER, DE  
[71] LINDE AKTIENGESELLSCHAFT, DE  
[85] 2016-04-01  
[86] 2014-10-02 (PCT/EP2014/002690)  
[87] (WO2015/055284)  
[30] DE (10 2013 017 123.7) 2013-10-15

[21] **2,926,214**  
[13] A1

[51] **Int.Cl. F24F 3/14 (2006.01)**  
[25] EN  
[54] **HOLDING CABINETS WITH CLOSED-LOOP ENVIRONMENTAL CONTROL SYSTEMS, METHODS FOR CONTROLLING ENVIRONMENTAL CONDITIONS IN HOLDING CABINETS, AND COMPUTER-READABLE MEDIA STORING INSTRUCTIONS FOR IMPLEMENTING SUCH METHODS**  
[54] **ARMOIRES DE STOCKAGE COMPRENANT DES SYSTEMES DE CONTROLE DE L'ENVIRONNEMENT EN CIRCUIT FERME, PROCEDES DE COMMANDE DE CONDITIONS ENVIRONNEMENTALES DANS DES ARMOIRES DE STOCKAGE ET INSTRUCTIONS DE STOCKAGE DE SUPPORTS LISIBLES PAR UN ORDINATEUR POUR LA MISE EN ŒUVRE DESDITS PROCEDES**  
[72] SHIRALI, MANUCHEHR, US  
[72] SHEN, JINGJING, US  
[71] HENNY PENNY CORPORATION, US  
[85] 2016-04-01  
[86] 2014-09-03 (PCT/US2014/053795)  
[87] (WO2015/034868)  
[30] US (61/873,029) 2013-09-03  
[30] US (61/946,931) 2014-03-03

[21] **2,926,215**  
[13] A1

[51] **Int.Cl. A61K 38/16 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01) C07K 14/21 (2006.01) C07K 16/12 (2006.01)**  
[25] EN  
[54] **MODIFIED PSEUDOMONAS EXOTOXIN A**  
[54] **EXOTOXINE A DE PSEUDOMONAS MODIFIEE**  
[72] PASTAN, IRA H., US  
[72] MAZOR, RONIT, US  
[72] ONDA, MASANORI, US  
[72] LEE, BYUNGKOOK, US  
[72] NIEDERFELLNER, GERHARD, DE  
[72] IMHOF-JUNG, SABINE, DE  
[72] BRINKMANN, ULRICH, DE  
[72] SCHEUER, WERNER, DE  
[72] GEORGES, GUY, DE  
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2016-04-01  
[86] 2014-10-03 (PCT/US2014/058941)  
[87] (WO2015/051199)  
[30] US (61/887,418) 2013-10-06  
[30] US (61/908,464) 2013-11-25  
[30] US (61/982,051) 2014-04-21  
[30] US (62/052,665) 2014-09-19

[21] **2,926,216**  
[13] A1

[51] **Int.Cl. G01M 15/12 (2006.01) G01N 29/14 (2006.01) G01N 29/44 (2006.01) G01N 29/46 (2006.01)**  
[25] FR  
[54] **METHOD, SYSTEM AND COMPUTER PROGRAM FOR THE ACOUSTIC ANALYSIS OF A MACHINE**  
[54] **PROCEDE, SYSTEME ET PROGRAMME D'ORDINATEUR D'ANALYSE ACOUSTIQUE D'UNE MACHINE**  
[72] BENSE, WILLIAM, FR  
[72] LACAILLE, JEROME, FR  
[72] GEREZ, VALERIO, FR  
[71] SNECMA, FR  
[85] 2016-04-04  
[86] 2014-10-09 (PCT/FR2014/052556)  
[87] (WO2015/052438)  
[30] FR (13 59897) 2013-10-11

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[21] **2,926,217**  
[13] A1

[51] **Int.Cl. A61K 8/67 (2006.01) A61K 8/37 (2006.01) A61Q 19/02 (2006.01)**  
[25] EN  
[54] **SKIN LIGHTENING COSMETIC COMPOSITIONS AND METHODS**  
[54] **COMPOSITIONS COSMETIQUES ECLAIRCISSANT LA PEAU ET METHODES CORRESPONDANTES**  
[72] HAKOZAKI, TOMOHIRO, US  
[72] LAUGHLIN, LEO TIMOTHY, II, US  
[72] SABINO, MICHAEL CHRISTOPHER, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2016-04-01  
[86] 2014-10-23 (PCT/US2014/061856)  
[87] (WO2015/061512)  
[30] US (61/895,271) 2013-10-24

[21] **2,926,218**  
[13] A1

[51] **Int.Cl. C07K 14/705 (2006.01)**  
[25] EN  
[54] **POLYNUCLEOTIDES ENCODING LOW DENSITY LIPOPROTEIN RECEPTOR**  
[54] **POLYNUCLEOTIDES CODANT POUR UN RECEPTEUR DE LIPOPROTEINES DE FAIBLE DENSITE**  
[72] ELLSWORTH, JEFF LYNN, US  
[72] BOLEN, JOSEPH BEENE, US  
[72] GREGOIRE, FRANCINE M., US  
[72] GUILD, JUSTIN, US  
[71] MODERNA THERAPEUTICS, INC., US  
[85] 2016-04-01  
[86] 2014-10-03 (PCT/US2014/058967)  
[87] (WO2015/051214)  
[30] US (61/886,137) 2013-10-03  
[30] US (61/903,485) 2013-11-13  
[30] US (61/952,906) 2014-03-14  
[30] US (62/052,139) 2014-09-18

[21] **2,926,219**  
[13] A1

[51] **Int.Cl. C08F 222/04 (2006.01) C08F 210/14 (2006.01) C08F 234/02 (2006.01) C08L 35/00 (2006.01)**  
[25] EN  
[54] **CONDUCTING POLYMER, 1-OCTADECENE, POLYMER WITH 2,5 FURANDIONE, METAL SALTS**  
[54] **POLYMERE CONDUCTEUR, POLYMERE D'1-OCTADECENE COMPORTANT DES SELS METALLIQUES DE 2,5 FURANDIONE**  
[72] LAURINO, JOSEPH P., US  
[71] LAURINO, JOSEPH P., US  
[85] 2016-04-01  
[86] 2014-10-28 (PCT/US2014/062638)  
[87] (WO2015/066015)  
[30] US (14/064,827) 2013-10-28

[21] **2,926,220**  
[13] A1

[51] **Int.Cl. F16H 57/08 (2006.01) F16F 1/38 (2006.01) F16H 57/04 (2010.01)**  
[25] EN  
[54] **ELASTIC BUSHING FOR PLANETARY BEARINGS**  
[54] **DOUILLE ELASTIQUE POUR PALIER SATELLITE**  
[72] MITSCH, FRANZ, DE  
[71] FM ENERGIE GMBH & CO.KG, DE  
[85] 2016-04-01  
[86] 2014-10-13 (PCT/EP2014/002754)  
[87] (WO2015/055291)  
[30] EP (ep 13 004 936.4) 2013-10-15

[21] **2,926,221**  
[13] A1

[51] **Int.Cl. A61K 39/39 (2006.01) A61K 38/16 (2006.01)**  
[25] EN  
[54] **IMMUNOSTIMULATORY HIV TAT DERIVATIVE POLYPEPTIDES FOR USE IN CANCER TREATMENT**  
[54] **POLYPEPTIDES IMMUNOSTIMULANTS DERIVES DU TAT DE VIH UTILISES DANS LE TRAITEMENT DU CANCER**  
[72] GOLDBERG, JOSHUA, US  
[72] BIER, COLIN, US  
[71] PIN PHARMA, INC., US  
[85] 2016-04-01  
[86] 2014-10-03 (PCT/US2014/059035)  
[87] (WO2015/051245)  
[30] US (61/887,166) 2013-10-04

[21] **2,926,222**  
[13] A1

[51] **Int.Cl. B65D 23/00 (2006.01) C03B 9/32 (2006.01) C03B 9/347 (2006.01)**  
[25] EN  
[54] **CONTAINER WITH SHARPLY OUTLINED INDICIA**  
[54] **RECIPIENT AVEC UNE INSCRIPTION NETTEMENT VISIBLE**  
[72] KITCHER, STEVE, AU  
[72] WILD, STUART, AU  
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US  
[85] 2016-04-01  
[86] 2014-09-08 (PCT/US2014/054472)  
[87] (WO2015/050672)  
[30] US (14/044,981) 2013-10-03

[21] **2,926,223**  
[13] A1

[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/519 (2006.01) A61P 11/08 (2006.01)**  
[25] EN  
[54] **CYCLIC THIENOURACIL-CARBOXAMIDES AND USE THEREOF**  
[54] **THIENOURACILE-CARBOXAMIDES CYCLIQUES ET UTILISATION ASSOCIEE**  
[72] HARTER, MICHAEL, DE  
[72] DELBECK, MARTINA, DE  
[72] KALTHOF, BERND, DE  
[72] LUSTIG, KLEMENS, DE  
[72] LINDNER, NIELS, DE  
[72] KAST, RAIMUND, DE  
[72] WASNAIRE, PIERRE, DE  
[72] SUSSMEIER, FRANK, DE  
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE  
[85] 2016-04-04  
[86] 2014-10-02 (PCT/EP2014/071113)  
[87] (WO2015/052065)  
[30] EP (13187487.7) 2013-10-07  
[30] EP (14152518.8) 2014-01-24

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[13] A1

[51] **Int.Cl. C07D 401/06 (2006.01) A61K 31/506 (2006.01) A61P 3/00 (2006.01)**  
[25] EN  
[54] **SUBSTITUTED PIPERIDYL-ETHYL-PYRIMIDINE AS GHRELIN O-ACYL TRANSFERASE INHIBITOR**  
[54] **PIPERIDYL-ETHYL-PYRIMIDINE SUBSTITUEE UTILISEE COMME INHIBITEUR DE LA GHRELIN O-ACYL TRANSFERASE**  
[72] MARTINEZ-GRAU, MARIA ANGELES, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2016-04-01  
[86] 2014-11-06 (PCT/US2014/064202)  
[87] (WO2015/073281)  
[30] EP (13382460.7) 2013-11-14

[21] **2,926,225**  
[13] A1

[51] **Int.Cl. C12N 15/47 (2006.01)**  
[25] EN  
[54] **METHODS OF DETECTION AND REMOVAL OF RHABDOVIRUSES FROM CELL LINES**  
[54] **PROCEDES DE DETECTION ET D'ELIMINATION DES RHABDOVIRUS DES LIGNEES CELLULAIRES**  
[72] HAYNES, JOEL, US  
[71] TAKEDA VACCINES, INC., US  
[85] 2016-04-01  
[86] 2014-10-03 (PCT/US2014/059060)  
[87] (WO2015/051255)  
[30] US (61/886,438) 2013-10-03

[21] **2,926,226**  
[13] A1

[51] **Int.Cl. E21B 43/22 (2006.01) C09K 8/02 (2006.01)**  
[25] EN  
[54] **PLACING A FLUID COMPRISING KILN DUST IN A WELLBORE THROUGH A BOTTOM HOLE ASSEMBLY**  
[54] **PLACEMENT D'UN FLUIDE COMPRENANT DE LA POUSSIERE DE FOUR DANS UN PUIT DE FORAGE PAR UN ENSEMBLE DE FOND DE TROU**  
[72] RODDY, CRAIG WAYNE, US  
[72] MENEZES, CLIVE DENIS, US  
[72] BENKLEY, JAMES ROBERT, US  
[72] BRENNEIS, DARRELL CHAD, US  
[72] CHATTERJI, JITEN, US  
[72] MORGAN, RONNIE GLEN, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2016-04-01  
[86] 2014-11-21 (PCT/US2014/066908)  
[87] (WO2015/080977)  
[30] US (14/091,332) 2013-11-26

[21] **2,926,227**  
[13] A1

[51] **Int.Cl. E21B 47/00 (2012.01) G01V 3/18 (2006.01) G01V 3/38 (2006.01) G06G 7/48 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUSES TO GENERATE A FORMATION MODEL**  
[54] **PROCEDES ET APPAREILS DE PRODUCTION D'UN MODELE DE FORMATION**  
[72] DUPUIS, CHRISTOPHE, NO  
[72] OMERAGIC, DZEVAT, US  
[72] CHEN, YONG-HUA, US  
[72] HABASHY, TAREK M., US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2016-04-01  
[86] 2014-10-03 (PCT/US2014/059116)  
[87] (WO2015/051287)  
[30] US (61/887,177) 2013-10-04

[21] **2,926,228**  
[13] A1

[51] **Int.Cl. F15B 18/00 (2006.01) F15B 13/16 (2006.01)**  
[25] EN  
[54] **HYDRAULIC DEVICES AND METHODS OF ACTUATING SAME**  
[54] **DISPOSITIFS HYDRAULIQUES ET LEUR PROCEDE D'ACTIONNEMENT**  
[72] DALTON, JOHN MATTHEW, US  
[72] DICKSON, TERRY, US  
[71] TRANSOCEAN INNOVATION LABS, LTD., KY  
[85] 2016-04-01  
[86] 2014-10-03 (PCT/US2014/059128)  
[87] (WO2015/051294)  
[30] US (61/886,404) 2013-10-03

[21] **2,926,229**  
[13] A1

[51] **Int.Cl. B05B 11/00 (2006.01) B65D 50/04 (2006.01)**  
[25] EN  
[54] **CHILDPROOF DISCHARGING DEVICE**  
[54] **DISPOSITIF DE DELIVRANCE DOTE D'UNE SECURITE POUR LES ENFANTS**  
[72] SZYMICZEK, CHRISTOPH, DE  
[72] KRAMPEN, GERALD, DE  
[72] GREINER-PERTH, JURGEN, DE  
[71] APTAR RADOLFFZELL GMBH, DE  
[85] 2016-04-01  
[86] 2014-09-11 (PCT/EP2014/069452)  
[87] (WO2015/051972)  
[30] DE (10 2013 220 492.2) 2013-10-10

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[21] **2,926,230**  
[13] A1

[51] **Int.Cl. G06F 3/01 (2006.01)**  
[25] EN  
[54] **SELECTION ATTRACTIVE INTERFACES, SYSTEMS AND APPARATUSES INCLUDING SUCH INTERFACES, METHODS FOR MAKING AND USING SAME**

[54] **INTERFACES ATTRACTIVES DE SELECTION, SYSTEMES ET APPAREILS COMPRENANT DE TELLES INTERFACES, PROCEDES DE FABRICATION ET D'UTILISATION DE CEUX-CI**

[72] JOSEPHSON, JONATHAN, US  
[71] QUANTUM INTERFACE, LLC, US  
[85] 2016-04-01  
[86] 2014-10-01 (PCT/US2014/058707)  
[87] (WO2015/051047)  
[30] US (61/885,453) 2013-10-01  
[30] US (61/893,850) 2013-10-21  
[30] US (61/894,050) 2013-10-22  
[30] US (61/894,050) 2013-10-23  
[30] US (61/945,907) 2014-02-28  
[30] US (62/007,598) 2014-06-04

[21] **2,926,231**  
[13] A1

[51] **Int.Cl. G01N 33/53 (2006.01) G01N 33/564 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR THE DIAGNOSIS OF RHEUMATOID ARTHRITIS**

[54] **COMPOSITIONS ET METHODES DE DIAGNOSTIC DE L'ARTHRITE RHUMATOIDE**

[72] MAHLER, MICHAEL, US  
[72] TROUW, LEENDERT A., NL  
[72] DRIJFHOUT, JAN WOUTER, NL  
[72] HUIZINGA, TOM, NL  
[72] TOES, RENE, NL  
[72] VAN VEELLEN, PETER, NL  
[71] INOVA DIAGNOSTICS, INC., US  
[71] LEIDEN UNIVERSITY MEDICAL CENTER, NL  
[85] 2016-04-01  
[86] 2015-07-22 (PCT/US2015/041448)  
[87] (WO2016/014612)  
[30] US (62/028,270) 2014-07-23

[21] **2,926,232**  
[13] A1

[51] **Int.Cl. A24D 3/04 (2006.01)**  
[25] EN  
[54] **AEROSOL TRANSFERRING ADAPTER FOR AN AEROSOL GENERATING DEVICE AND METHOD FOR TRANSFERRING AEROSOL WITHIN AN AEROSOL GENERATING DEVICE**

[54] **ADAPTATEUR DE TRANSFERT D'AEROSOL DESTINE A UN DISPOSITIF DE PRODUCTION D'AEROSOL ET PROCEDE DE TRANSFERT D'AEROSOL A L'INTERIEUR D'UN DISPOSITIF DE PRODUCTION D'AEROSOL**

[72] ROGAN, ANDREW ROBERT JOHN, GB  
[72] SMITH, ARLENE DEBORAH, GB  
[71] JT INTERNATIONAL S.A., CH  
[85] 2016-04-04  
[86] 2014-10-07 (PCT/EP2014/071453)  
[87] (WO2015/052192)  
[30] EP (13187706.0) 2013-10-08

[21] **2,926,234**  
[13] A1

[51] **Int.Cl. A63C 1/32 (2006.01) A63C 1/00 (2006.01)**  
[25] EN  
[54] **DISPOSABLE DOUBLE-EDGED SKATE BLADE**

[54] **LAME DE PATIN A DOUBLE TRANCHANT JETABLE**

[72] DAHLO, EARL ARTHUR, CA  
[71] DAHLO, EARL ARTHUR, CA  
[85] 2016-04-04  
[86] 2014-10-03 (PCT/CA2014/000726)  
[87] (WO2015/048886)  
[30] US (61/887,192) 2013-10-04

[21] **2,926,235**  
[13] A1

[51] **Int.Cl. G06T 5/00 (2006.01) G06T 5/50 (2006.01)**  
[25] EN  
[54] **IMAGE BLUR WITH PRESERVATION OF DETAIL**

[54] **FLOU D'IMAGE AVEC PRESERVATION DE DETAIL**

[72] PETRIE, RYAN, US  
[72] CARPENTER, THOR, US  
[71] GOOGLE INC., US  
[85] 2016-04-01  
[86] 2014-10-03 (PCT/US2014/059185)  
[87] (WO2015/051335)  
[30] US (14/046,919) 2013-10-04

[21] **2,926,236**  
[13] A1

[51] **Int.Cl. E21B 17/00 (2006.01) E21B 33/14 (2006.01) E21B 43/10 (2006.01) E21B 43/26 (2006.01)**  
[25] EN  
[54] **METHODS, STRINGS AND TOOLS TO ENHANCE WELLBORE FRACTURING**

[54] **PROCEDES, TRAINS DE TIGES ET OUTILS POUR AMELIORER LA FRACTURATION DE TROUS DE FORAGE**

[72] THEMIG, DANIEL JON, CA  
[71] PACKERS PLUS ENERGY SERVICES INC., CA  
[85] 2016-04-04  
[86] 2014-10-06 (PCT/CA2014/050965)  
[87] (WO2015/048910)  
[30] US (61/886,784) 2013-10-04

[21] **2,926,237**  
[13] A1

[51] **Int.Cl. C09K 8/524 (2006.01)**  
[25] EN  
[54] **AMIDOAMINE GAS HYDRATE INHIBITORS**

[54] **INHIBITEURS AMIDOAMINES D'HYDRATES DE GAZ**

[72] MASTRANGELO, ANTONIO, GB  
[72] FIROOZABADI, ABBAS, US  
[72] SUN, MINWEI, US  
[72] CHANG, ZEN-YU, US  
[71] THE LUBRIZOL CORPORATION, US  
[85] 2016-04-01  
[86] 2014-10-02 (PCT/US2014/058854)  
[87] (WO2015/051137)  
[30] US (61/885,530) 2013-10-02

[21] **2,926,238**  
[13] A1

[51] **Int.Cl. E04G 21/18 (2006.01) E04B 2/02 (2006.01) E04C 1/00 (2006.01)**  
[25] EN  
[54] **CONCRETE BLOCK SPACER SYSTEM**

[54] **SYSTEME D'ESPACEMENT DE BLOCS DE BETON**

[72] JONES, JONATHAN E., US  
[71] JONES, JONATHAN E., US  
[85] 2016-04-01  
[86] 2014-10-02 (PCT/US2014/058867)  
[87] (WO2015/051147)  
[30] US (14/044,342) 2013-10-02

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[21] **2,926,239**  
[13] A1

[51] **Int.Cl. A23J 1/02 (2006.01) A23J 3/04 (2006.01)**

[25] EN

[54] **FUNCTIONAL PROTEIN DERIVED FROM ANIMAL MUSCLE TISSUE OR MECHANICALLY DEBONED MEAT AND METHOD FOR MAKING THE SAME**

[54] **PROTEINE FONCTIONNELLE DERIVEE D'UN TISSU MUSCULAIRE ANIMAL OU DE VIANDE DESOSSEE MECANIQUEMENT ET SON PROCEDE DE PREPARATION**

[72] KELLEHER, STEPHEN D., US

[72] FROST, CAITLYN, US

[72] FIELDING, WILLIAM R., US

[71] PROTEUS INDUSTRIES, INC., US

[85] 2016-04-01

[86] 2014-10-06 (PCT/US2014/059226)

[87] (WO2015/051353)

[30] US (61/886,889) 2013-10-04

[30] US (14/506,615) 2014-10-04

[21] **2,926,240**  
[13] A1

[51] **Int.Cl. G05B 23/02 (2006.01) B64F 5/00 (2006.01)**

[25] FR

[54] **MONITORING OF AN AIRCRAFT ENGINE TO ANTICIPATE MAINTENANCE OPERATIONS**

[54] **SURVEILLANCE D'UN MOTEUR D'AERONEF POUR ANTICIPER LES OPERATIONS DE MAINTENANCE**

[72] LACAILLE, JEROME HENRI NOEL, FR

[72] GOUBY, AURELIE, FR

[71] SNECMA, FR

[85] 2016-04-04

[86] 2014-10-01 (PCT/FR2014/052485)

[87] (WO2015/052408)

[30] FR (1359903) 2013-10-11

[21] **2,926,241**  
[13] A1

[51] **Int.Cl. B03C 1/32 (2006.01) B03C 1/28 (2006.01)**

[25] EN

[54] **IMPROVED MAGNETIC DENSITY SEPARATION DEVICE AND METHOD**

[54] **DISPOSITIF ET PROCEDE DE SEPARATION A DENSITE MAGNETIQUE AMELIORES**

[72] REM, PETER CARLO, NL

[72] BERKHOUT, SIMON PETER MARIA, NL

[71] URBAN MINING CORP B.V., NL

[85] 2016-04-01

[86] 2014-10-03 (PCT/NL2014/050685)

[87] (WO2015/050451)

[30] NL (2011559) 2013-10-04

[21] **2,926,242**  
[13] A1

[51] **Int.Cl. F16D 65/02 (2006.01)**

[25] EN

[54] **BRAKE CARRIER MOUNTING ARRANGEMENT**

[54] **AGENCEMENT DE MONTAGE DE SUPPORT DE FREIN**

[72] PLANTAN, RONALD S., US

[72] WOLF, DENNIS A., US

[71] BENDIX SPICER FOUNDATION BRAKE LLC, US

[85] 2016-04-01

[86] 2014-09-19 (PCT/US2014/056453)

[87] (WO2015/050720)

[30] US (14/045,395) 2013-10-03

[21] **2,926,243**  
[13] A1

[51] **Int.Cl. G10L 19/008 (2013.01)**

[25] EN

[54] **DECORRELATOR STRUCTURE FOR PARAMETRIC RECONSTRUCTION OF AUDIO SIGNALS**

[54] **STRUCTURE DE DECORRELATEUR POUR RECONSTRUCTION PARAMETRIQUE DE SIGNAUX AUDIO**

[72] VILLEMOES, LARS, SE

[72] HIRVONEN, TONI, SE

[72] PURNHAGEN, HEIKO, SE

[71] DOLBY INTERNATIONAL AB, NL

[85] 2016-04-04

[86] 2014-10-21 (PCT/EP2014/072568)

[87] (WO2015/059152)

[30] US (61/893,770) 2013-10-21

[30] US (61/973,646) 2014-04-01

[21] **2,926,244**  
[13] A1

[51] **Int.Cl. E05B 27/00 (2006.01) E05B 35/00 (2006.01)**

[25] EN

[54] **CYLINDER LOCK WITH INTERNAL SLIDER AND KEY THEREFORE**

[54] **SERRURE A CYLINDRE COMPRENANT UN COULISSEAU INTERNE ET SA CLE**

[72] FIELD, PETER H., US

[72] HARTMAN, GLENN, US

[71] MEDECO SECURITY LOCKS, INC., US

[85] 2016-04-01

[86] 2014-10-02 (PCT/US2014/058817)

[87] (WO2015/051114)

[30] US (61/886,388) 2013-10-03

[21] **2,926,245**  
[13] A1

[51] **Int.Cl. B29C 47/08 (2006.01) B29C 47/68 (2006.01) B01D 29/64 (2006.01)**

[25] EN

[54] **FILTER DEVICE**

[54] **DISPOSITIF DE FILTRATION**

[72] ARBEITHUBER, JOSEF, AT

[72] FEICHTINGER, KLAUS, AT

[72] PAULI, PETER, AT

[71] EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H., AT

[85] 2016-04-04

[86] 2014-09-29 (PCT/AT2014/050223)

[87] (WO2015/048831)

[30] AT (A50643/2013) 2013-10-04

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[21] **2,926,246**  
[13] A1

[51] **Int.Cl. C09K 5/04 (2006.01)**  
[25] EN  
[54] **REFRIGERANT MIXTURES  
COMPRISING  
DIFLUOROMETHANE,  
PENTAFLUOROETHANE, AND  
TETRAFLUOROPROPENE AND  
USES THEREOF**

[54] **MELANGES DE FLUIDES  
FRIGORIGENES COMPRENANT  
DU DIFLUOROMETHANE, DU  
PENTAFLUOROETHANE, ET DU  
TETRAFLUOROPROPENE ET  
LEURS UTILISATIONS**

[72] MINOR, BARBARA HAVILAND, US  
[72] SCHULTZ, KENNETH J., US  
[71] THE CHEMOURS COMPANY FC,  
LLC, US  
[85] 2016-04-01  
[86] 2014-10-06 (PCT/US2014/059249)  
[87] (WO2015/054104)  
[30] US (61/889,076) 2013-10-10

[21] **2,926,247**  
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**  
[25] EN  
[54] **ELECTRONIC VAPOUR  
PROVISION SYSTEM**

[54] **SYSTEME DE FOURNITURE DE  
VAPEUR ELECTRONIQUE**

[72] LEADLEY, DAVID, GB  
[72] DICKENS, COLIN, GB  
[72] DING, YINGZHUO, CN  
[71] NICOVENTURES HOLDINGS  
LIMITED, GB  
[85] 2016-04-04  
[86] 2013-10-18 (PCT/CN2013/085455)  
[87] (WO2015/054885)

[21] **2,926,248**  
[13] A1

[51] **Int.Cl. C07K 1/00 (2006.01) C07K  
2/00 (2006.01) C07K 14/00 (2006.01)**  
[25] EN  
[54] **INSERTION OF IONIZABLE  
GROUPS IN THE INTERIOR OF  
PROTEINS AS A STRATEGY FOR  
ENGINEERING ARTIFICIAL PH-  
SENSITIVE SWITCH PROTEINS**

[54] **INSERTION DE GROUPES  
IONISABLES A L'INTERIEUR DE  
PROTEINES EN TANT QUE  
STRATEGIE POUR LA  
TRANSFORMATION PAR  
INGENIERIE GENETIQUE DE  
PROTEINES DE COMMUTATION  
ARTIFICIELLES SENSIBLES AU  
PH**

[72] GARCIA-MORENO, BERTRAND E.,  
US  
[72] ROBINSON, AARON, US  
[71] THE JOHNS HOPKINS  
UNIVERSITY, US  
[85] 2016-04-01  
[86] 2014-10-06 (PCT/US2014/059338)  
[87] (WO2015/051373)  
[30] US (61/887,099) 2013-10-04

[21] **2,926,249**  
[13] A1

[51] **Int.Cl. F03D 9/00 (2016.01) F03D 1/04  
(2006.01) F03D 1/06 (2006.01)**  
[25] EN  
[54] **UPTOWER WIND TURBINE  
COMPONENT REPLACEMENT**

[54] **REPLACEMENT D'UN  
COMPOSANT D'EOLIENNE EN  
HAUT DE TOUR**

[72] LOHAN, MARTIN E., US  
[72] FENGER, PER ESKE, DK  
[72] ASHEIM, CHARLES, US  
[72] GONZALEZ, MIGUEL A., US  
[72] BRAKE, DANIEL M., US  
[71] INVENTUS HOLDINGS, LLC, US  
[85] 2016-04-01  
[86] 2014-10-06 (PCT/US2014/059349)  
[87] (WO2015/051374)  
[30] US (61/886,985) 2013-10-04  
[30] US (14/507,429) 2014-10-06

[21] **2,926,250**  
[13] A1

[51] **Int.Cl. A01N 43/38 (2006.01) A01P  
15/00 (2006.01) C07D 209/30  
(2006.01) C07D 209/34 (2006.01)**  
[25] EN  
[54] **USE OF SUBSTITUTED DIHYDRO-  
OXINDOLYL SULFONAMIDES,  
OR THE SALTS THEREOF, FOR  
INCREASING THE STRESS  
TOLERANCE OF PLANTS**

[54] **UTILISATION DE  
SULFONAMIDES DIHYDRO-  
OXINDOLYLE SUBSTITUES OU  
DE SELS DE CES DERNIERS  
POUR AMELIORER LA  
TOLERANCE AU STRESS CHEZ  
LES PLANTES**

[72] FRACKENPOHL, JENS, DE  
[72] BOJACK, GUIDO, DE  
[72] HELMKE, HENDRIK, DE  
[72] LEHR, STEFAN, DE  
[72] MULLER, THOMAS, DE  
[72] WILLMS, LOTHAR, DE  
[72] DITTGEN, JAN, DE  
[72] SCHMUTZLER, DIRK, DE  
[72] BICKERS, UDO, DE  
[72] STREK, HARRY, DE  
[72] BALTZ, RACHEL, FR  
[71] BAYER CROPSCIENCE  
AKTIENGESELLSCHAFT, DE  
[85] 2016-04-01  
[86] 2014-10-02 (PCT/EP2014/071195)  
[87] (WO2015/049351)  
[30] EP (13187361.4) 2013-10-04

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[21] **2,926,251**  
[13] A1

[51] **Int.Cl. A62D 1/00 (2006.01) C08J 9/14 (2006.01) C09K 3/30 (2006.01) C09K 5/04 (2006.01)**

[25] EN

[54] **AZEOTROPE-LIKE COMPOSITIONS OF HFO-E-1,3,4,4,4-PENTAFLUORO-3-TRIFLUOROMETHYL-1-BUTENE AND E-1-CHLORO-3,3,3-TRIFLUOROPROPENE AND USES THEREOF**

[54] **COMPOSITIONS DE TYPE AZEOTROPE HFO-E-1,3,4,4,4-PENTAFLUORO-3-TRIFLUOROMETHYL-1-BUTENE ET E-1-CHLORO-3,3,3-TRIFLUOROPROPENE ET UTILISATIONS DE CELLES-CI**

[72] ROBIN, MARK L., US

[71] THE CHEMOURS COMPANY FC, LLC, US

[85] 2016-04-01

[86] 2014-10-07 (PCT/US2014/059386)

[87] (WO2015/054174)

[30] US (61/888,155) 2013-10-08

[21] **2,926,252**  
[13] A1

[51] **Int.Cl. A61B 8/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR AUSCULTATING INAUDIBLE SIGNALS**

[54] **PROCEDE ET APPAREIL POUR AUSCULTER DES SIGNAUX INAUDIBLES**

[72] WU, WEI, CN

[71] WU, WEI, CN

[85] 2016-04-04

[86] 2014-09-07 (PCT/CN2014/086085)

[87] (WO2015/048927)

[30] CN (201310465951.1) 2013-10-06

[21] **2,926,253**  
[13] A1

[51] **Int.Cl. C12M 1/34 (2006.01) G01N 21/63 (2006.01) G01N 21/64 (2006.01)**

[25] EN

[54] **PORTABLE TESTING DEVICE FOR ANALYZING BIOLOGICAL SAMPLES**

[54] **DISPOSITIF DE TEST PORTABLE POUR ANALYSER DES ECHANTILLONS BIOLOGIQUES**

[72] BAUMGARTNER, MARK B., US

[72] HODGSON, CORY D., US

[72] BRISTOW, ANDREW L., US

[72] SYVERSON, PAUL A., US

[72] PEXSA, GRANT L., US

[72] DAVIS, CHRISTOPHER T., US

[72] SCHOENECK, RICH, US

[72] BROWN, DUANE, US

[72] COOK, DARREN, US

[71] DOUGLAS SCIENTIFIC, LLC, US

[85] 2016-04-01

[86] 2014-10-07 (PCT/US2014/059487)

[87] (WO2015/054245)

[30] US (61/887,754) 2013-10-07

[30] US (61/926,759) 2014-01-13

[21] **2,926,254**  
[13] A1

[51] **Int.Cl. H01L 33/50 (2010.01)**

[25] EN

[54] **LED LIGHT SOURCE PERFORMANCE COMPENSATION APPARATUS, DEVICE AND APPLICATION THEREOF**

[54] **APPAREIL DE COMPENSATION DE PERFORMANCE DE SOURCE DE LUMIERE A DEL, DISPOSITIF ET APPLICATION ASSOCIES**

[72] ZHAO, KUN, CN

[72] WANG, SEN, CN

[72] LIU, BEIDOU, CN

[71] SICHUAN SUNFOR LIGHT CO., LTD., CN

[85] 2016-04-04

[86] 2014-10-14 (PCT/CN2014/088533)

[87] (WO2015/055106)

[30] CN (201310481837.8) 2013-10-15

[21] **2,926,255**  
[13] A1

[51] **Int.Cl. G06Q 30/00 (2012.01)**

[25] EN

[54] **WEARABLE MOBILE BROADCASTING RECOVERY SYSTEM AND DEVICE**

[54] **SYSTEME ET DISPOSITIF DE RECUPERATION DE DIFFUSION MOBILE PORTATIFS**

[72] ICKOVIC, THOMAS S., US

[71] ICKOVIC & BLISS, INC., US

[85] 2016-04-01

[86] 2014-10-07 (PCT/US2014/059562)

[87] (WO2015/054308)

[30] US (61/887,796) 2013-10-07

[30] US (14/508,946) 2014-10-07

[21] **2,926,256**  
[13] A1

[51] **Int.Cl. B60K 6/445 (2007.10) B60K 6/38 (2007.10) B60K 6/383 (2007.10) B60K 6/387 (2007.10) F16H 3/72 (2006.01)**

[25] EN

[54] **ELECTRICALLY VARIABLE TRANSMISSION**

[54] **TRANSMISSION ELECTRIQUEMENT VARIABLE**

[72] DUHAIME, MICHAEL L., US

[72] MILLER, SCOTT A., US

[72] PUIU, DUMITRU, US

[71] FCA US LLC, US

[85] 2016-04-01

[86] 2014-10-08 (PCT/US2014/059597)

[87] (WO2015/057434)

[30] US (14/053,215) 2013-10-14

[21] **2,926,257**  
[13] A1

[51] **Int.Cl. A62B 23/06 (2006.01) A62B 7/10 (2006.01)**

[25] EN

[54] **NASAL FILTER**

[54] **FILTRE NASAL**

[72] KENNEY, PETER SINKJAER, DK

[71] SPIRARE APS, DK

[85] 2016-04-04

[86] 2013-10-07 (PCT/DK2013/000066)

[87] (WO2014/056501)

[30] DK (PA201200616) 2012-10-08

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[21] **2,926,258**  
[13] A1

[51] **Int.Cl. B60P 7/08 (2006.01)**  
[25] EN  
[54] **MECHANICALLY ACTUATED CARGO RESTRAINT SYSTEM**  
[54] **SYSTEME DE RETENUE DE FRET ACTIONNE MECANIQUEMENT**  
[72] TOLLY, AARON JAMES, US  
[72] HARRIS, AMY LYNN, US  
[71] WOLF TECHNICAL SERVICES, INC., US  
[85] 2016-04-01  
[86] 2014-10-08 (PCT/US2014/059741)  
[87] (WO2015/054415)  
[30] US (61/888,442) 2013-10-08

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[21] **2,926,259**  
[13] A1

[51] **Int.Cl. F16J 15/16 (2006.01) F16C 33/80 (2006.01)**  
[25] EN  
[54] **SHAFT SEAL ASSEMBLY WITH CONTAMINANT DETECTION SYSTEM**  
[54] **ENSEMBLE JOINT D'ARBRE POURVU D'UN SYSTEME DE DETECTION DE CONTAMINANTS**  
[72] KOSMICKI, RANDY J., US  
[72] VIKEN, MICHAEL L., US  
[71] WEIR SLURRY GROUP, INC., US  
[85] 2016-04-01  
[86] 2014-10-09 (PCT/US2014/059879)  
[87] (WO2015/054482)  
[30] US (61/889,411) 2013-10-10

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[21] **2,926,260**  
[13] A1

[51] **Int.Cl. H05B 37/02 (2006.01)**  
[25] EN  
[54] **METHODS, SYSTEMS, AND APPARATUS FOR INTELLIGENT LIGHTING**  
[54] **PROCEDES, SYSTEMES, ET APPAREIL POUR UN ECLAIRAGE INTELLIGENT**  
[72] CHEMEL, BRIAN J., US  
[71] DIGITAL LUMENS INCORPORATED, US  
[85] 2016-04-01  
[86] 2014-10-10 (PCT/US2014/060095)  
[87] (WO2015/054611)  
[30] US (61/889,368) 2013-10-10  
[30] US (61/983,235) 2014-04-23

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[21] **2,926,263**  
[13] A1

[51] **Int.Cl. B08B 9/055 (2006.01) F16L 55/28 (2006.01) F16L 55/40 (2006.01)**  
[25] EN  
[54] **COLLAR FOR AN INSPECTION OR CLEANING PIG, AND PIG**  
[54] **MANCHON POUR RACLEUR D'INSPECTION OU DE NETTOYAGE**  
[72] FIELERS, FRANK, DE  
[72] KUHNBACH, NICO, DE  
[71] ROSEN SWISS AG, CH  
[85] 2016-04-04  
[86] 2014-09-26 (PCT/EP2014/002616)  
[87] (WO2015/049041)  
[30] DE (10 2013 111 019.3) 2013-10-04

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[21] **2,926,264**  
[13] A1

[51] **Int.Cl. G01K 11/32 (2006.01) F28B 1/06 (2006.01) G01K 13/02 (2006.01)**  
[25] EN  
[54] **METHOD OF MONITORING AN AIR OPERATED HEAT EXCHANGER AND AN AIR OPERATED HEAT EXCHANGER**  
[54] **PROCEDE PERMETTANT DE SURVEILLER UN ECHANGEUR DE CHALEUR A COMMANDE PNEUMATIQUE**  
[72] ZOETEMEIJER, LEENDERT JOHANNES ARIE, NL  
[72] KINGHORN, PAUL, US  
[72] BLACKHURST, PAUL, NL  
[72] BOEVEE, WILLEM, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2016-04-01  
[86] 2014-10-13 (PCT/US2014/060231)  
[87] (WO2015/057547)  
[30] US (61/891,081) 2013-10-15  
[30] EP (13189573.2) 2013-10-21

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[21] **2,926,265**  
[13] A1

[51] **Int.Cl. H01F 27/24 (2006.01)**  
[25] EN  
[54] **ADJUSTABLE INTEGRATED COMBINED COMMON MODE AND DIFFERENTIAL MODE AND THREE PHASE INDUCTORS AND METHODS OF MANUFACTURE AND USE THEREOF**  
[54] **INDUCTEURS TRIPHASES EN MODE DIFFERENTIEL ET EN MODE COMMUN COMBINE INTEGRE AJUSTABLE ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**  
[72] SHUDAREK, TODD, US  
[71] MTE CORPORATION, US  
[85] 2016-04-01  
[86] 2014-10-13 (PCT/US2014/060296)  
[87] (WO2015/054689)  
[30] US (61/889,953) 2013-10-11  
[30] US (61/890,003) 2013-10-11  
[30] US (61/909,652) 2013-11-27  
[30] US (61/909,680) 2013-11-27

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[21] **2,926,266**  
[13] A1

[51] **Int.Cl. B01J 37/04 (2006.01) B01J 27/18 (2006.01) B01J 35/02 (2006.01) B01J 37/00 (2006.01) B01J 37/08 (2006.01)**  
[25] EN  
[54] **CATALYST FOR PRODUCING BIO-BASED ACRYLIC ACID AND ITS DERIVATIVES AND THE METHOD FOR MAKING THEREOF**  
[54] **CATALYSEUR POUR PRODUIRE UN ACIDE ACRYLIQUE BIO-RESSOURCE ET SES DERIVES, ET SON PROCEDE DE PRODUCTION**  
[72] VELASQUEZ, JUAN ESTEBAN, US  
[72] COLLIAS, DIMITRIS IOANNIS, US  
[72] GODLEWSKI, JANE ELLEN, US  
[72] LINGOES, JANETTE VILLALOBOS, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2016-04-01  
[86] 2014-10-16 (PCT/US2014/060792)  
[87] (WO2015/057904)  
[30] US (61/891,568) 2013-10-16

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[21] **2,926,267**  
[13] A1

[51] **Int.Cl. C07K 14/705 (2006.01) C07K 14/47 (2006.01) C07K 16/28 (2006.01)**

[25] EN

[54] **CHIMERIC RECEPTOR THAT TRIGGERS ANTIBODY-DEPENDENT CELL CYTOTOXICITY AGAINST MULTIPLE TUMORS**

[54] **RECEPTEUR CHIMERIQUE QUI DECLENCHE UNE CYTOTOXICITE DEPENDANTE DE LA PRESENCE D'ANTICORPS CONTRE DE MULTIPLES TUMEURS**

[72] CAMPANA, DARIO, SG  
[72] KUDO, KO, SG  
[71] NATIONAL UNIVERSITY OF SINGAPORE, SG  
[71] ST. JUDE CHILDREN'S RESEARCH HOSPITAL, US  
[85] 2016-04-01  
[86] 2014-10-17 (PCT/US2014/060999)  
[87] (WO2015/058018)  
[30] US (61/892,218) 2013-10-17  
[30] US (62/026,243) 2014-07-18

[21] **2,926,268**  
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A01N 43/50 (2006.01)**

[25] EN

[54] **PYRIDINYLMIDAZOLONES AS HERBICIDES**

[54] **PYRIDINYLMIDAZOLONES EN TANT QU'HERBICIDES**

[72] PHADTE, MANGALA, IN  
[72] SONAWANE, RAVINDRA, IN  
[72] HENNESSY, ALAN JOSEPH, GB  
[72] MORRIS, JAMES ALAN, GB  
[72] BOEHMER, JUTTA ELISABETH, GB  
[72] DESSON, TIMOTHY ROBERT, GB  
[72] GOODWIN-TINDALL, JAKE, GB  
[71] SYNGENTA PARTICIPATIONS AG, CH  
[71] SYNGENTA LIMITED, GB  
[85] 2016-04-01  
[86] 2014-10-24 (PCT/EP2014/072818)  
[87] (WO2015/059262)  
[30] GB (1318863.6) 2013-10-25

[21] **2,926,269**  
[13] A1

[51] **Int.Cl. G01N 33/574 (2006.01) G01N 33/68 (2006.01)**

[25] EN

[54] **KIDNEY DISEASE BIOMARKER**

[54] **MARQUEUR BIOLOGIQUE DE MALADIE RENALE**

[72] MCCONNELL, IVAN, GB  
[72] RICHARDSON, CIARAN, IE  
[72] LAMONT, JOHN, GB  
[72] FITZGERALD, STEPHEN PETER, GB  
[71] RANDOX TEORANTA, IE  
[85] 2016-04-01  
[86] 2014-10-06 (PCT/EP2014/071354)  
[87] (WO2015/049390)  
[30] GB (1317621.9) 2013-10-04

[21] **2,926,277**  
[13] A1

[51] **Int.Cl. H05B 37/02 (2006.01)**

[25] EN

[54] **POSITION BASED MANAGEMENT OF AN ARTIFICIAL LIGHTING ARRANGEMENT**

[54] **GESTION D'UN DISPOSITIF D'ECLAIRAGE ARTIFICIEL BASEE SUR LA POSITION**

[72] POHJANVOURI, TIMO, SE  
[72] REBHAN, RICHARD, SE  
[71] HELIOSPECTRA AB, SE  
[85] 2016-04-01  
[86] 2014-10-22 (PCT/EP2014/072625)  
[87] (WO2015/059182)  
[30] EP (13189630.0) 2013-10-22

[21] **2,926,282**  
[13] A1

[51] **Int.Cl. B01D 19/02 (2006.01) B03D 1/08 (2006.01) B03D 1/14 (2006.01) B03D 1/24 (2006.01) C02F 1/24 (2006.01) C02F 1/28 (2006.01) C02F 1/34 (2006.01)**

[25] EN

[54] **A DEVICE AND A PROCESS FOR PURIFICATION OF GREY WATER**

[54] **DISPOSITIF ET PROCESSUS DE PURIFICATION D'EAUX GRISES**

[72] CHATTERJEE, JAIDEEP, IN  
[72] ABDUL KAREEM, SHAJAHAN, IN  
[72] GUPTA, SANTOSH KUMAR, IN  
[72] PRATAP, SHAIENDRA, IN  
[72] RAMACHANDRAN, RAJEESH KUMAR, IN  
[71] UNILEVER PLC, GB  
[85] 2016-04-04  
[86] 2014-09-30 (PCT/EP2014/070846)  
[87] (WO2015/052036)  
[30] EP (13187691.4) 2013-10-08

[21] **2,926,285**  
[13] A1

[51] **Int.Cl. B62M 25/04 (2006.01)**

[25] EN

[54] **SHIFT LEVER ARRANGEMENT FOR A BICYCLE**

[54] **DISPOSITIF DE LEVIER DE CHANGEMENT DE VITESSE DESTINE A UNE BICYCLETTE**

[72] CALENDRILLE, JOHN L., JR., US  
[71] CALENDRILLE, JOHN L., JR., US  
[85] 2016-04-04  
[86] 2013-10-16 (PCT/US2013/065276)  
[87] (WO2015/057218)

[21] **2,926,287**  
[13] A1

[51] **Int.Cl. G01N 21/84 (2006.01) G01J 3/433 (2006.01) G01N 21/27 (2006.01) G01N 21/47 (2006.01) G01N 21/78 (2006.01) G01N 33/487 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR DETERMINING A CONCENTRATION OF AN ANALYTE IN A BODILY FLUID**

[54] **METHODE ET DISPOSITIF DE DETERMINATION DE CONCENTRATION D'UN ANALYTE DANS UN LIQUIDE ORGANIQUE**

[72] ALBRECHT, GERTRUD, DE  
[72] BAUMANN, EDGAR, DE  
[72] GENTHNER-RIEGLER, MARKUS, DE  
[72] KALVERAM, STEFAN, DE  
[72] NIESPOREK, CHRISTIAN, DE  
[72] SCHWENKER, KAI-OLIVER, DE  
[72] SERR, MARKUS, CH  
[72] WEHOWSKI, FREDERIC, DE  
[72] WETTENGEL, KLAUS, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2016-04-04  
[86] 2014-11-27 (PCT/EP2014/075780)  
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[30] EP (13194791.3) 2013-11-28

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[13] A1

[51] **Int.Cl. G01M 3/26 (2006.01) E21B 47/007 (2012.01) E21B 47/10 (2012.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR A BENCHMARK PRESSURE TEST**  
[54] **SYSTEME ET PROCEDE POUR ESSAI DE PRESSION ETALON**  
[72] FRANKLIN, CHARLES M., US  
[72] CULLY, RICHARD A., US  
[71] INNOVATIVE PRESSURE TESTING, LLC, US  
[85] 2016-04-04  
[86] 2013-10-17 (PCT/US2013/065419)  
[87] (WO2015/057228)

[21] **2,926,291**  
[13] A1

[51] **Int.Cl. B60K 15/03 (2006.01) B60K 15/067 (2006.01) B60K 15/07 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR MOUNTING A FUEL SYSTEM**  
[54] **SYSTEMES ET PROCEDES D'INSTALLATION D'UN SYSTEME D'ALIMENTATION EN CARBURANT**  
[72] FORSBERG, CHRIS, CA  
[72] SLOAN, TODD, CA  
[71] AGILITY FUEL SYSTEMS, INC., US  
[85] 2016-04-04  
[86] 2013-10-18 (PCT/US2013/065625)  
[87] (WO2014/063018)  
[30] US (61/716,470) 2012-10-19

[21] **2,926,292**  
[13] A1

[51] **Int.Cl. F16H 55/56 (2006.01)**  
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[54] **CVT DRIVE CLUTCH**  
[54] **EMBRAYAGE D'ENTRAINEMENT DE TRANSMISSION A VARIATION CONTINUE**  
[72] YUAN, JING, US  
[72] KARPIK, GERARD, US  
[72] SINGH, KANCHAN KUMAR, IN  
[71] GATES CORPORATION, US  
[85] 2016-04-04  
[86] 2014-01-09 (PCT/US2014/010889)  
[87] (WO2015/057253)  
[30] US (14/056,444) 2013-10-17

[21] **2,926,293**  
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR MAPPING AND ROUTING BASED ON CLUSTERING**  
[54] **SYSTEMES ET PROCEDES DE MAPPAGE ET DE ROUTAGE BASES SUR UN GROUPEMENT**  
[72] PRESTA, ALESSANDRO, US  
[72] SHARMA, ARUN, US  
[71] FACEBOOK, INC., US  
[85] 2016-04-04  
[86] 2014-02-14 (PCT/US2014/016582)  
[87] (WO2015/053806)  
[30] US (14/047,830) 2013-10-07

[21] **2,926,294**  
[13] A1

[51] **Int.Cl. C08F 230/08 (2006.01) A61K 9/00 (2006.01) A61L 15/22 (2006.01) A61L 15/44 (2006.01) A61L 24/04 (2006.01) A61L 26/00 (2006.01) A61L 29/04 (2006.01) A61L 29/16 (2006.01) A61L 31/10 (2006.01) A61L 31/16 (2006.01) C08J 3/24 (2006.01) C09D 143/04 (2006.01)**  
[25] EN  
[54] **NON-SELF-ADHERENT COATING MATERIALS**  
[54] **MATIERES DE REVETEMENT NON AUTO-ADHESIVES**  
[72] SALAMONE, JOSEPH CHARLES, US  
[72] REILLY, KATELYN ELIZABETH, US  
[72] SALAMONE, ANN BEAL, US  
[72] XIAOYU, CHEN, US  
[71] ROCHAL INDUSTRIES, LLC, US  
[85] 2016-04-01  
[86] 2014-09-10 (PCT/US2014/054997)  
[87] (WO2015/050682)  
[30] US (14/046,591) 2013-10-04

[21] **2,926,302**  
[13] A1

[51] **Int.Cl. G06T 5/50 (2006.01)**  
[25] FR  
[54] **METHOD FOR VIEWING A MULTI-SPECTRAL IMAGE**  
[54] **PROCEDE DE VISUALISATION D'UNE IMAGE MULTISPECTRALE**  
[72] AGOSTINI, ERIC, FR  
[72] THIEBAUT, MAXIME, FR  
[72] ROUX, NICOLAS, FR  
[72] FOUBERT, PHILIPPE, FR  
[72] TOUATI, THIERRY, FR  
[71] SAGEM DEFENSE SECURITE, FR  
[85] 2016-04-04  
[86] 2014-09-25 (PCT/FR2014/052405)  
[87] (WO2015/052402)  
[30] FR (13 02324) 2013-10-07

[21] **2,926,303**  
[13] A1

[51] **Int.Cl. C09C 3/04 (2006.01)**  
[25] EN  
[54] **PROCESS FOR PRODUCING A HIGH SOLIDS PIGMENT SUSPENSION COMPRISING CARBOXYMETHYLCELLULOSE-BASED DISPERSANT**  
[54] **PROCEDE DE PRODUCTION D'UNE SUSPENSION PIGMENTAIRE A HAUTE TENEUR EN MATIERES SOLIDES COMPRENANT UN DISPERSANT A BASE DE CARBOXYMETHYLCELLULOSE**  
[72] RENTSCH, SAMUEL, CH  
[72] BURI, MATTHIAS, CH  
[72] IPPOLITO, FABIO, CH  
[72] GANE, PATRICK A.C., CH  
[71] OMYA INTERNATIONAL AG, CH  
[85] 2016-04-01  
[86] 2014-10-24 (PCT/EP2014/072808)  
[87] (WO2015/062978)  
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[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01)**  
[25] EN  
[54] **USE OF A REAGENT FOR THE LYSIS OF ERYTHROCYTES AS WELL AS METHODS AND KITS RELATING THERETO**  
[54] **UTILISATION D'UN REACTIF POUR LA LYSE D'ERYTHROCYTES ET METHODES ET TROUSSES ASSOCIEES**  
[72] ANKENBAUER, WALTRAUD, DE  
[72] FROEHLICH, THOMAS, DE  
[72] FROEHNER, STEFANIE, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2016-04-01  
[86] 2014-11-03 (PCT/EP2014/073519)  
[87] (WO2015/067546)  
[30] EP (13005219.4) 2013-11-05

[21] **2,926,305**  
[13] A1

[51] **Int.Cl. B09B 3/00 (2006.01) A61L 2/07 (2006.01) A61L 11/00 (2006.01) B01F 7/00 (2006.01) B01F 7/08 (2006.01) B09B 5/00 (2006.01) B65G 33/18 (2006.01) F23G 5/04 (2006.01)**  
[25] EN  
[54] **SYSTEM FOR THE PROCESSING OF ORGANIC WASTE AND PRODUCTS**  
[54] **SYSTEME DE TRAITEMENT DE DECHETS ET DE PRODUITS ORGANIQUES**  
[72] DE LA FUENTE MUNOZ, JAVIER, ES  
[71] DE LA FUENTE MUNOZ, JAVIER, ES  
[85] 2016-04-04  
[86] 2014-08-08 (PCT/EP2014/067058)  
[87] (WO2015/018923)  
[30] EP (13382323.7) 2013-08-09

[21] **2,926,306**  
[13] A1

[51] **Int.Cl. G01N 33/53 (2006.01) G01N 33/536 (2006.01)**  
[25] EN  
[54] **A METHOD FOR DETERMINING THE TOTAL AMOUNT AND/OR CONCENTRATION OF AN ANALYTE IN THE PRESENCE OF A BINDING MOLECULE AS WELL AS KITS, COMPOSITIONS AND USES RELATING THERETO**  
[54] **PROCEDE DE DETERMINATION DE LA QUANTITE TOTALE ET/OU DE LA CONCENTRATION D'UN ANALYTE EN PRESENCE D'UNE MOLECULE DE LIAISON AINSI QUE TROUSSES, COMPOSITIONS ET UTILISATIONS ASSOCIEES**  
[72] SCHRAEML, MICHAEL, DE  
[72] ROESSLER, MARKUS, DE  
[72] GERG, MICHAEL, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2016-04-01  
[86] 2014-11-03 (PCT/EP2014/073523)  
[87] (WO2015/067547)  
[30] EP (13005218.6) 2013-11-05  
[30] EP (14002015.7) 2014-06-11

[21] **2,926,307**  
[13] A1

[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/40 (2006.01) A61K 31/7068 (2006.01) A61K 31/77 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**  
[25] EN  
[54] **NOVEL COMBINATION TREATMENT FOR ACUTE MYELOID LEUKEMIA (AML)**  
[54] **NOUVEAU TRAITEMENT COMBINE POUR LA LEUCEMIE AIGUE MYELOIDE (LAM)**  
[72] HIGGINS, BRIAN, US  
[72] PACKMAN, KATHRYN E., US  
[72] NICHOLS, GWEN, US  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2016-04-01  
[86] 2014-12-01 (PCT/EP2014/076063)  
[87] (WO2015/082384)  
[30] US (61/912,152) 2013-12-05

[21] **2,926,308**  
[13] A1

[51] **Int.Cl. B01J 19/12 (2006.01)**  
[25] EN  
[54] **METHOD AND DEVICE FOR THE PLASMA-CATALYTIC CONVERSION OF MATERIALS**  
[54] **PROCEDE ET DISPOSITIF DE CONVERSION DE SUBSTANCES AVEC CATALYSE ASSISTEE PAR PLASMA**  
[72] SPITZL, RALF, DE  
[71] SPITZL, RALF, DE  
[85] 2016-04-04  
[86] 2014-10-02 (PCT/EP2014/002683)  
[87] (WO2015/051893)  
[30] DE (10 2013 016 660.8) 2013-10-09

[21] **2,926,309**  
[13] A1

[51] **Int.Cl. G06F 21/62 (2013.01)**  
[25] EN  
[54] **SERVER AND METHOD FOR SECURE AND ECONOMICAL SHARING OF DATA**  
[54] **SERVEUR ET PROCEDE DE PARTAGE SECURISE ET ECONOMIQUE DE DONNEES**  
[72] ALI, ASAD MAHBOOB, FR  
[72] SEGURA, ELLA, FR  
[71] GEMALTO SA, FR  
[85] 2016-04-04  
[86] 2014-10-21 (PCT/EP2014/072498)  
[87] (WO2015/062907)  
[30] US (14/071,179) 2013-11-04

[21] **2,926,310**  
[13] A1

[51] **Int.Cl. F16B 13/12 (2006.01) F16B 25/00 (2006.01)**  
[25] EN  
[54] **ANCHORING SYSTEM WITH A SLEEVE ELEMENT AND AN EXPANSION ELEMENT**  
[54] **SYSTEME D'ANCRAGE COMPRENANT UN ELEMENT DE MANCHON ET UN ELEMENT A EXPANSION**  
[72] HETTICH, ULRICH, DE  
[71] LUDWIG HETTICH HOLDING GMBH & CO. KG, DE  
[85] 2016-04-04  
[86] 2014-09-05 (PCT/EP2014/068934)  
[87] (WO2015/055350)  
[30] DE (10 2013 111 390.7) 2013-10-15  
[30] DE (10 2013 114 653.8) 2013-12-20

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[13] A1

[51] **Int.Cl. E21B 10/36 (2006.01) E21B 10/38 (2006.01) E21B 10/56 (2006.01)**

[25] EN

[54] **PERCUSSIVE ROCK DRILL BIT WITH OPTIMISED GAUGE BUTTONS**

[54] **TREPAN DE FORAGE DE ROCHE A PERCUSSION DOTE DE BOUTONS DE JAUGE OPTIMISES**

[72] MATTSON, PER, SE  
[72] PERSSON, MAGNUS, SE  
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE

[85] 2016-04-04  
[86] 2014-10-09 (PCT/EP2014/071647)  
[87] (WO2015/062833)  
[30] EP (13190404.7) 2013-10-28

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[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/47 (2006.01) A61K 31/4709 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07D 215/227 (2006.01) C07D 401/06 (2006.01) C07D 413/06 (2006.01)**

[25] EN

[54] **SECONDARY ALCOHOL QUINOLINYL MODULATORS OF RORYT**

[54] **MODULATEURS D'ALCOOL SECONDAIRE DE RORYT DE TYPE QUINOLINYLE**

[72] LEONARD, KRISTI A., US  
[72] BARBAY, KENT, US  
[72] EDWARDS, JAMES P., US  
[72] KREUTTER, KEVIN D., US  
[72] KUMMER, DAVID A., US  
[72] MAHAROOFF, UMAR, US  
[72] NISHIMURA, RACHEL, US  
[72] URBANSKI, MAUD, US  
[72] VENKATESAN, HARIHARAN, US  
[72] WANG, AIHUA, US  
[72] WOLIN, RONALD L., US  
[72] WOODS, CRAIG R., US  
[72] FOURIE, ANNE, US  
[72] XUE, XIAOHUA, US  
[72] CUMMINGS, MAXWELL D., US  
[71] JANSSEN PHARMACEUTICA NV, BE

[85] 2016-04-04  
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[87] (WO2015/057206)

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[13] A1

[51] **Int.Cl. C07K 14/605 (2006.01) A61K 38/26 (2006.01)**

[25] EN

[54] **ACYLATED GLUCAGON ANALOGUES**

[54] **ANALOGUES ACYLES DU GLUCAGON**

[72] RIBER, DITTE, DK  
[72] TOLBORG, JAKOB LIND, DK  
[72] HAMPRECHT, DIETER WOLFGANG, DE  
[72] RIST, WOLFGANG, DE  
[71] ZEALAND PHARMA A/S, DK  
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE

[85] 2016-04-04  
[86] 2014-10-17 (PCT/EP2014/072293)  
[87] (WO2015/055801)  
[30] US (61/892,256) 2013-10-17

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[21] **2,926,315**  
[13] A1

[51] **Int.Cl. C07G 1/00 (2011.01) C09J 197/00 (2006.01)**

[25] EN

[54] **A METHOD FOR TREATING LIGNIN AND FOR PRODUCING A BINDER COMPOSITION**

[54] **PROCEDE DE TRAITEMENT DE LA LIGNINE ET PROCEDE DE PRODUCTION D'UNE COMPOSITION DE LIANT**

[72] PIETARINEN, SUVI, FI  
[72] VALKONEN, SANNA, FI  
[72] RINGENA, OKKO, DE  
[71] UPM-KYMMENE CORPORATION, FI

[85] 2016-04-04  
[86] 2014-11-25 (PCT/FI2014/050901)  
[87] (WO2015/079106)  
[30] FI (20136177) 2013-11-26

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[13] A1

[51] **Int.Cl. H04L 12/24 (2006.01) H04W 4/00 (2009.01) B23K 9/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR DATA EXCHANGE AND CONTROL WITH A WIRELESS COMMUNICATION TERMINAL ON A WELDING SYSTEM**

[54] **SYSTEME ET PROCEDE D'ECHANGE ET DE CONTROLE DE DONNEES AVEC UN TERMINAL DE COMMUNICATION SANS FIL SUR SYSTEME DE SOUDAGE**

[72] DENIS, MARC LEE, US  
[72] GILL, MICHAEL ANTHONY, US  
[72] BATZLER, TODD G., US  
[71] ILLINOIS TOOL WORKS INC., US

[85] 2016-04-04  
[86] 2014-07-21 (PCT/US2014/047502)  
[87] (WO2015/065549)  
[30] US (14/064,695) 2013-10-28

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[13] A1

[51] **Int.Cl. A61N 1/40 (2006.01) A61B 18/14 (2006.01) A61N 5/02 (2006.01) A61N 5/04 (2006.01)**

[25] EN

[54] **ELECTROSURGICAL FORCEPS FOR DELIVERING MICROWAVE ENERGY FROM A NON-RESONANT UNBALANCED LOSSY TRANSMISSION LINE STRUCTURE**

[54] **PINCE ELECTROCHIRURGICALE POUR DELIVRER UNE ENERGIE MICRO-ONDE D'UNE STRUCTURE DE LIGNE DE TRANSMISSION A PERTE, NON EQUILIBREE, NON RESONANTE**

[72] HANCOCK, CHRISTOPHER PAUL, GB  
[72] WHITE, MALCOLM, GB  
[71] CREO MEDICAL LIMITED, GB

[85] 2016-04-04  
[86] 2014-10-07 (PCT/GB2014/053015)  
[87] (WO2015/052502)  
[30] GB (1317713.4) 2013-10-07

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[13] A1

[51] **Int.Cl. F01D 5/32 (2006.01) F01D 5/30 (2006.01)**

[25] EN

[54] **ROTOR STAGE OF AXIAL TURBINE WITH COAK LOCKING THE VANE ROOTS**

[54] **ETAGE DE ROTOR DE TURBINE AXIALE DOTE DE CLAVETTE VERROUILLANT LES RACINES D'AUBE**

[72] CROTTI, STEFANO, IT

[72] BISTOLFI, SIMONE, IT

[72] PESATORI, EMANUEL, IT

[72] BACHSCHMID, NICOLO, IT

[71] FRANCO TOSI MECCANICA S.P.A., IT

[85] 2016-04-04

[86] 2014-11-28 (PCT/IB2014/066427)

[87] (WO2015/092584)

[30] IT (MI2013A002124) 2013-12-18

[21] **2,926,320**  
[13] A1

[51] **Int.Cl. A61K 31/335 (2006.01) A61P 27/02 (2006.01)**

[25] EN

[54] **TREATMENTS FOR PROLIFERATIVE VITREORETINOPATHY**

[54] **TRAITEMENTS DE VITREORETHINOPATHIE PROLIFERANTE**

[72] POLLACK, AYALA, IL

[72] DVASHI, ZEEV, IL

[71] MOR RESEARCH APPLICATIONS LTD., IL

[85] 2016-04-04

[86] 2014-10-07 (PCT/IL2014/050882)

[87] (WO2015/052714)

[30] US (61/887,747) 2013-10-07

[21] **2,926,321**  
[13] A1

[51] **Int.Cl. A61K 31/357 (2006.01) A61K 31/137 (2006.01) A61P 3/00 (2006.01)**

[25] EN

[54] **METHODS OF PREVENTING PROGRESSION TO TYPE 2 DIABETES MELLITUS**

[54] **PROCEDES DE PREVENTION DE LA PROGRESSION DU DIABETE SUCRE DE TYPE 2**

[72] DAY, WESLEY, US

[72] TROUPIN, BARBARA, US

[71] VIVUS, INC., US

[71] TROUPIN, BARBARA, US

[85] 2016-04-04

[86] 2014-10-08 (PCT/US2014/059636)

[87] (WO2015/054353)

[30] US (61/888,490) 2013-10-08

[21] **2,926,322**  
[13] A1

[51] **Int.Cl. A61B 17/322 (2006.01) A61B 17/3205 (2006.01)**

[25] EN

[54] **PIXEL ARRAY MEDICAL DEVICES AND METHODS**

[54] **DISPOSITIFS ET PROCEDES MEDICAUX A RESEAU DE PIXELS**

[72] KNOWLTON, EDWARD, US

[71] SRGI HOLDINGS, LLC, US

[71] KNOWLTON, EDWARD, US

[85] 2016-04-04

[86] 2014-10-02 (PCT/US2014/058886)

[87] (WO2015/051164)

[30] US (61/885,734) 2013-10-02

[30] US (14/099,380) 2013-12-06

[30] US (62/044,060) 2014-08-29

[30] US (62/044,078) 2014-08-29

[30] US (62/044,089) 2014-08-29

[30] US (62/044,102) 2014-08-29

[21] **2,926,323**  
[13] A1

[51] **Int.Cl. H01L 31/042 (2014.01) H01L 25/075 (2006.01)**

[25] EN

[54] **LED MODULE FOR THE CONVERSION OF SUNLIGHT OR ARTIFICIAL LIGHT INTO ELECTRICAL ENERGY AND METHOD FOR MANUFACTURING THE SAME**

[54] **MODULE A DEL POUR LA CONVERSION DE LUMIERE SOLAIRE OU DE LUMIERE ARTIFICIELLE EN ENERGIE ELECTRIQUE ET PROCEDE DE FABRICATION ASSOCIE**

[72] CHIACCHIERONI, ALFREDO, IT

[71] CHIACCHIERONI, ALFREDO, IT

[85] 2016-04-04

[86] 2014-10-01 (PCT/IT2014/000259)

[87] (WO2015/049708)

[30] EP (13425137.0) 2013-10-04

[21] **2,926,324**  
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/48 (2006.01) C07K 16/30 (2006.01) A61K 39/00 (2006.01)**

[25] EN

[54] **CONJUGATED ANTIBODIES AGAINST LY75 FOR THE TREATMENT OF CANCER**

[54] **ANTICORPS CONJUGUE CONTRE LY75 POUR LE TRAITEMENT DU CANCER**

[72] TERRETT, JONATHAN ALEXANDER, US

[72] ACKROYD, JAMES EDWARD, GB

[71] OXFORD BIOTHERAPEUTICS LTD, GB

[85] 2016-04-04

[86] 2014-10-10 (PCT/GB2014/053057)

[87] (WO2015/052537)

[30] US (61/890,098) 2013-10-11

[30] US (61/890,104) 2013-10-11

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[13] A1

[51] **Int.Cl. A61L 9/03 (2006.01)**  
[25] EN  
[54] **ANTI-FOLRI  
IMMUNOCONJUGATE DOSING  
REGIMENS**  
[54] **SCHEMAS POSOLOGIQUES  
D'IMMUNOCONJUGUES ANTI-  
FOLRI**  
[72] LUTZ, ROBERT J., US  
[72] PONTE, JOSE, US  
[71] IMMUNOGEN, INC., US  
[85] 2016-04-04  
[86] 2014-10-08 (PCT/US2014/059716)  
[87] (WO2015/054400)  
[30] US (61/888,337) 2013-10-08  
[30] US (61/888,365) 2013-10-08  
[30] US (61/948,363) 2014-03-05  
[30] US (62/004,815) 2014-05-29

[21] **2,926,327**  
[13] A1

[51] **Int.Cl. H01M 10/48 (2006.01) G01R  
31/36 (2006.01)**  
[25] EN  
[54] **TESTING DEVICE AND TESTING  
METHOD FOR SHEET-SHAPED  
CELL**  
[54] **DISPOSITIF D'ESSAI DE  
BATTERIE EN FEUILLE ET  
PROCEDE D'ESSAI DE BATTERIE  
EN FEUILLE**  
[72] SAITO, TOMOKAZU, JP  
[72] TSUNOKUNI, KAZUYUKI, JP  
[72] HIWADA, KIYOYASU, JP  
[71] KABUSHIKI KAISHA NIHON  
MICRONICS, JP  
[85] 2016-04-04  
[86] 2014-07-31 (PCT/JP2014/070247)  
[87] (WO2016/017008)

[21] **2,926,329**  
[13] A1

[51] **Int.Cl. B61F 5/22 (2006.01) B60G  
99/00 (2010.01) B61F 5/10 (2006.01)**  
[25] EN  
[54] **ABNORMALITY DETECTION  
METHOD FOR VEHICLE BODY  
TILT CONTROL DEVICE**  
[54] **PROCEDE DE DETECTION  
D'ANOMALIE POUR DISPOSITIF  
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[54] **METHOD AND APPARATUS FOR REMOVING A CABLE CORE FROM A CABLE SHEATH**  
[54] **PROCEDE ET APPAREIL POUR RETIRER UN NOYAU DE CABLE D'UNE GAINÉ DE CABLE**  
[72] NUSBAUM, LASLO, AT  
[71] DEFLUX HOLDINGS LIMITED, GB  
[85] 2016-04-05  
[86] 2014-10-08 (PCT/EP2014/071517)  
[87] (WO2015/052222)  
[30] GB (1317800.9) 2013-10-08

[21] **2,926,367**  
[13] A1

[51] **Int.Cl. E06C 5/24 (2006.01) E02F 9/00 (2006.01) E06C 5/04 (2006.01)**  
[25] EN  
[54] **SWING TYPE ACCESS SYSTEM FOR AN EARTH MOVER**  
[54] **SYSTEME D'ACCES DE TYPE BASCULANT DESTINE A UN ENGIN DE TERRASSEMENT**  
[72] ELLEMENT, NATHAN, AU  
[71] BARJOH PTY LTD, AU  
[85] 2016-04-05  
[86] 2014-10-06 (PCT/AU2014/050269)  
[87] (WO2015/051409)  
[30] AU (2013903877) 2013-10-08

[21] **2,926,368**  
[13] A1

[51] **Int.Cl. B25G 3/18 (2006.01) A61B 5/145 (2006.01)**  
[25] EN  
[54] **HANDGRIP TEST STRIP EJECTOR**  
[54] **EJECTEUR DE BANDELETTE REACTIVE DE POIGNEE**  
[72] GONZALEZ FERNANDEZ, ANDREA, ES  
[72] VENTAYOL FEMENIAS, BARTOMEU, ES  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2016-04-05  
[86] 2014-11-25 (PCT/EP2014/075462)  
[87] (WO2015/078832)  
[30] EP (13005518.9) 2013-11-27  
[30] EP (14002428.2) 2014-07-15

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[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61P 31/14 (2006.01) C07D 401/06 (2006.01) C07D 401/14 (2006.01) C07D 403/06 (2006.01) C07D 403/14 (2006.01) C07D 407/14 (2006.01) C07D 413/04 (2006.01) C07D 413/06 (2006.01) C07D 413/14 (2006.01) C07D 471/04 (2006.01)**

[25] EN

[54] **QUINAZOLINE BASED RESPIRATORY SYNCYTIAL VIRUS INHIBITORS**

[54] **INHIBITEURS DU VIRUS SYNCYTIAL RESPIRATOIRE A BASE DE QUINAZOLINE**

[72] STURINO, CLAUDIO, CA  
[72] HALMOS, TEDDY, CA  
[72] DECOR, ANNE, CA  
[72] MORENCY, LOUIS, CA  
[72] BROCHU, CHRISTIAN, CA  
[72] DUPLESSIS, MARTIN, CA  
[72] DEROY, PATRICK, CA  
[72] JAKALIAN, ARAZ, CA  
[72] KUHN, CYRILLE, CA  
[72] GRAND-MAITRE, CHANTAL, CA  
[72] TREMBLAY, MARTIN, CA  
[71] MEDIVIR AB, SE  
[85] 2016-04-05  
[86] 2013-10-29 (PCT/US2013/067276)  
[87] (WO2015/065338)

[21] **2,926,370**  
[13] A1

[51] **Int.Cl. A61F 13/02 (2006.01)**

[25] EN

[54] **CARRIER SYSTEM FOR AN OBJECT WORN ON THE BODY AND METHOD OF PRODUCTION**

[54] **SYSTEME DE SUPPORT POUR OBJET PORTE PAR UN CORPS ET PROCEDE DE PRODUCTION**

[72] GOLDBERG, NORMAN, DE  
[72] HERBERTZ, MICHAEL, DE  
[72] KUBE, OLIVER, DE  
[72] NITTENWILM, RALF, DE  
[72] WALTER, HELMUT, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2016-04-05  
[86] 2014-10-09 (PCT/EP2014/071671)  
[87] (WO2015/052288)  
[30] EP (13188144.3) 2013-10-10

[21] **2,926,371**  
[13] A1

[51] **Int.Cl. F04D 29/12 (2006.01)**

[25] EN

[54] **ROTARY MACHINE AND METHOD FOR THE HEAT EXCHANGE IN A ROTARY MACHINE**

[54] **MACHINE ROTATIVE ET PROCEDE D'ECHANGE DE CHALEUR DANS UNE MACHINE ROTATIVE**

[72] GASSMANN, SIMON, CH  
[72] TROTTMANN, BENEDIKT, CH  
[72] INFORSATI, MARCELO, CH  
[72] FELIX, THOMAS, CH  
[71] SULZER MANAGEMENT AG, CH  
[85] 2016-04-05  
[86] 2015-02-02 (PCT/EP2015/052089)  
[87] (WO2015/124414)  
[30] EP (14155716.5) 2014-02-19

[21] **2,926,372**  
[13] A1

[51] **Int.Cl. G01N 33/48 (2006.01) C12Q 1/68 (2006.01) C40B 30/04 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **DIAGNOSIS AND MONITORING OF ENDOMETRIOSIS THROUGH BDNF AND FULL-LENGTH NTRK2 LEVELS**

[54] **DIAGNOSTIC ET SURVEILLANCE DE L'ENDOMETRIOSE PAR LES NIVEAUX D'EXPRESSION DE BDNF ET DE NTRK2 PLEINE LONGUEUR**

[72] FOSTER, WARREN, CA  
[72] LEYLAND, NICHOLAS, CA  
[72] WESSELS, JOCELYN, CA  
[72] AGARWAL, SANJAY, US  
[71] MCMASTER UNIVERSITY, CA  
[85] 2016-04-05  
[86] 2014-10-10 (PCT/CA2014/000742)  
[87] (WO2015/051451)  
[30] US (61/889,085) 2013-10-10

[21] **2,926,374**  
[13] A1

[51] **Int.Cl. A61K 8/23 (2006.01) A61K 8/22 (2006.01) A61Q 11/00 (2006.01)**

[25] EN

[54] **TWO PART OXIDIZING SYSTEM FOR ORAL CARE COMPOSITIONS**

[54] **SYSTEME OXYDANT BICOMPOSANT POUR COMPOSITIONS DE SOINS BUCCAUX**

[72] CHEN, XIANG, US  
[72] CHOPRA, SUMAN K., US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2016-04-05  
[86] 2013-12-02 (PCT/US2013/072557)  
[87] (WO2015/084296)

[21] **2,926,375**  
[13] A1

[51] **Int.Cl. A24B 15/18 (2006.01) A24B 3/04 (2006.01) A24B 3/12 (2006.01) A24B 3/18 (2006.01)**

[25] EN

[54] **TOBACCO TREATMENT**

[54] **TRAITEMENT DU TABAC**

[72] BENJAK, DENIS, BR  
[72] FIELD, PEDRO, BR  
[72] GLESSE, ALCINDO, BR  
[72] LINK, MATTHIAS, DE  
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB  
[85] 2016-04-05  
[86] 2014-10-30 (PCT/GB2014/053223)  
[87] (WO2015/063485)  
[30] GB (1319290.1) 2013-10-31

[21] **2,926,376**  
[13] A1

[51] **Int.Cl. F25C 1/22 (2006.01) F25C 1/04 (2006.01)**

[25] EN

[54] **METHOD OF PRODUCING AND PACKAGING ICE CUBES**

[54] **PROCEDE POUR PRODUIRE ET EMBALLER DES GLACONS**

[72] JOBB, GRANT RICHARD, CA  
[71] JOBB, GRANT RICHARD, CA  
[85] 2016-04-05  
[86] 2014-10-10 (PCT/CA2014/000743)  
[87] (WO2015/058278)  
[30] US (61/895,193) 2013-10-24

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[13] A1

[51] **Int.Cl. A61N 1/36 (2006.01) A61B 5/022 (2006.01) A61B 17/135 (2006.01)**  
[25] EN  
[54] **ISCHEMIC TRAINING APPARATUS AND METHOD**  
[54] **APPAREIL ET PROCEDE D'ENTRAINEMENT ISCHEMIQUE**  
[72] BURR, JAMIE FRANCIS, CA  
[71] UNIVERSITY OF PRINCE EDWARD ISLAND, CA  
[85] 2016-04-05  
[86] 2014-10-08 (PCT/CA2014/050973)  
[87] (WO2015/051457)  
[30] US (61/888,279) 2013-10-08

[21] **2,926,380**  
[13] A1

[51] **Int.Cl. C08L 33/00 (2006.01) C08J 5/00 (2006.01) C08K 5/16 (2006.01) C08L 21/00 (2006.01)**  
[25] EN  
[54] **POLYMER MIXTURE, MULTILAYER ARTICLE CONTAINING THE SAME, AND PROCESS OF PREPARING THE MULTILAYER ARTICLE**  
[54] **MELANGE DE POLYMERES, ARTICLE MULTICOUCHE CONTENANT CELUI-CI, ET PROCEDE DE PREPARATION DE L'ARTICLE MULTICOUCHE**  
[72] ZHANG, LIANG, CN  
[72] JIANG, JINGUI, CN  
[72] CHEN, YONGCHUN, CN  
[72] LI, WEI, CN  
[72] LI, YAN, CN  
[71] DOW GLOBAL TECHNOLOGIES LLC, US  
[85] 2016-04-05  
[86] 2013-10-11 (PCT/CN2013/085024)  
[87] (WO2015/051526)

[21] **2,926,381**  
[13] A1

[51] **Int.Cl. F03D 1/06 (2006.01)**  
[25] EN  
[54] **JOINED BLADE WIND TURBINE ROTOR**  
[54] **ROTOR D'EOLIENNE A PALES JOINTES**  
[72] TAHAR, SIAVASH TALEBI, DK  
[72] THOMSEN, OLE THYBO, DK  
[71] JOINT BLADE ROTOR A/S, DK  
[85] 2016-04-05  
[86] 2013-10-11 (PCT/DK2013/050326)  
[87] (WO2014/056507)  
[30] DK (PA 2012 00630) 2012-10-12

[21] **2,926,382**  
[13] A1

[51] **Int.Cl. G01N 33/74 (2006.01)**  
[25] EN  
[54] **METHOD FOR DIAGNOSIS OF PRIMARY HYPERALDOSTERONISM**  
[54] **PROCEDE DE DIAGNOSTIC D'HYPERALDOSTERONISME PRIMAIRE**  
[72] POGLITSCH, MARKO, AT  
[72] SCHWAGER, CORNELIA, AT  
[72] VAN OYEN, DUNJA, AT  
[72] LEITNER, MARTIN, AT  
[71] ATTOQUANT DIAGNOSTICS GMBH, AT  
[85] 2016-04-05  
[86] 2014-10-17 (PCT/EP2014/072339)  
[87] (WO2015/055825)  
[30] EP (13189386.9) 2013-10-18  
[30] EP (14152763.0) 2014-01-28

[21] **2,926,383**  
[13] A1

[51] **Int.Cl. A61M 15/00 (2006.01)**  
[25] EN  
[54] **MEDICAMENT INHALER**  
[54] **INHALATEUR DE MEDICAMENT**  
[72] BLAIR, JULIAN, IE  
[72] BUCK, DAN, IE  
[72] KAAR, SIMON, IE  
[71] NORTON (WATERFORD) LIMITED, IE  
[85] 2016-04-05  
[86] 2014-10-28 (PCT/EP2014/073141)  
[87] (WO2015/063100)  
[30] GB (1319265.3) 2013-10-31  
[30] GB (1417412.2) 2014-10-01

[21] **2,926,385**  
[13] A1

[51] **Int.Cl. C07K 16/40 (2006.01)**  
[25] EN  
[54] **METHODS FOR TREATING CONDITIONS ASSOCIATED WITH MASP-2 DEPENDENT COMPLEMENT ACTIVATION**  
[54] **PROCEDES DE TRAITEMENT D'ETATS ASSOCIES A UNE ACTIVATION DU COMPLEMENT DEPENDANT DE MASP-2**  
[72] DEMOPULOS, GREGORY A., US  
[72] DUDLER, THOMAS, US  
[72] SCHWAEBLE, HANS-WILHELM, GB  
[71] OMEROS CORPORATION, US  
[71] UNIVERSITY OF LEICESTER, GB  
[85] 2016-04-05  
[86] 2014-10-17 (PCT/US2014/061236)  
[87] (WO2015/058143)  
[30] US (61/892,283) 2013-10-17  
[30] US (62/020,845) 2014-07-03

[21] **2,926,386**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**  
[25] EN  
[54] **HUMAN ANTI-VEGFR-2/KDR ANTIBODIES**  
[54] **ANTICORPS HUMAINS ANTI-VEGFR-2/KDR**  
[72] ZHU, ZHENGPING, US  
[72] LU, DAN, US  
[71] KADMON CORPORATION, LLC, US  
[85] 2016-04-05  
[86] 2013-10-07 (PCT/US2013/063754)  
[87] (WO2014/055998)  
[30] US (61/710,420) 2012-10-05

[21] **2,926,387**  
[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/122 (2006.01)**  
[25] EN  
[54] **SWELLABLE SEAL WITH BACKUP**  
[54] **JOINT GONFLABLE DOTE D'UNE SECURITE**  
[72] STOKES, MATTHEW BRADLEY, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2016-04-05  
[86] 2013-11-06 (PCT/US2013/068776)  
[87] (WO2015/069242)

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[13] A1

[51] **Int.Cl. C07C 67/08 (2006.01) C07C 69/80 (2006.01) C07C 69/82 (2006.01) C08K 5/12 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING CARBOXYLIC ACID ESTERS AND THE USE THEREOF AS PLASTICIZERS**

[54] **PROCEDE DE PRODUCTION D'ESTERS D'ACIDE CARBOXYLIQUE ET UTILISATION DESDITS D'ESTERS D'ACIDE CARBOXYLIQUE COMME PLASTIFIANT**

[72] KALLER, MARTIN, DE  
[72] KOCH, MICHAEL, DE  
[72] BREITSCHIEDL, BORIS, DE  
[71] BASF SE, DE  
[85] 2016-04-05  
[86] 2014-10-30 (PCT/EP2014/073272)  
[87] (WO2015/063189)  
[30] EP (13191071.3) 2013-10-31  
[30] EP (14180491.4) 2014-08-11

[21] **2,926,389**  
[13] A1

[51] **Int.Cl. A61K 31/195 (2006.01) A61K 31/197 (2006.01) A61K 31/381 (2006.01) A61K 31/519 (2006.01) A61P 25/04 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITION COMPRISING A TRPA1 ANTAGONIST AND AN ANALGESIC AGENT**

[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT UN ANTAGONISTE DE TRPA1 ET UN AGENT ANALGESIQUE**

[72] GULLAPALLI, SRINIVAS, IN  
[72] GUPTA, PRAVEEN KUMAR, IN  
[72] GANDHI, MAULIK NITINKUMAR, IN  
[71] GLENMARK PHARMACEUTICALS S.A., CH  
[85] 2016-04-05  
[86] 2014-10-14 (PCT/IB2014/002501)  
[87] (WO2015/056094)  
[30] IN (3247/MUM/2013) 2013-10-15

[21] **2,926,390**  
[13] A1

[51] **Int.Cl. E21B 47/09 (2012.01) E21B 49/00 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS OF TRACKING THE POSITION OF A DOWNHOLE PROJECTILE**

[54] **SYSTEMES ET PROCEDES DE SUIVI DE LA POSITION D'UN PROJECTILE DE FOND**

[72] MERICAS, CHRISTOPHER JAMES, US  
[72] BUDLER, NICHOLAS FREDERICK, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2016-04-05  
[86] 2013-11-11 (PCT/US2013/069474)  
[87] (WO2015/069297)

[21] **2,926,391**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**

[25] EN

[54] **IMPROVING THE LEVEL OF HYDRATION IN A CAT**

[54] **AMELIORATION DU NIVEAU D'HYDRATATION CHEZ UN CHAT**

[72] BROCKMAN, JEFFREY, US  
[72] JEWELL, DENNIS, US  
[71] HILL'S PET NUTRITION, INC., US  
[85] 2016-04-05  
[86] 2013-11-12 (PCT/US2013/069659)  
[87] (WO2015/072972)

[21] **2,926,392**  
[13] A1

[51] **Int.Cl. A63B 21/02 (2006.01) A63B 21/04 (2006.01) A63B 21/055 (2006.01) A63B 23/04 (2006.01)**

[25] EN

[54] **REMOVABLE SHOULDER STOP ASSEMBLY WITH LOCKING MECHANISM**

[54] **ENSEMBLE DE BUTEE D'EPAULE AMOVIBLE AVEC MECANISME DE VERROUILLAGE**

[72] SAVARINO, CHRISTOPHER J., US  
[71] BALANCED BODY, INC., US  
[85] 2016-04-05  
[86] 2014-10-09 (PCT/US2014/059837)  
[87] (WO2015/061054)  
[30] US (61/895,173) 2013-10-24

[21] **2,926,394**  
[13] A1

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

[25] EN

[54] **PREDICTIVE VIBRATION MODELS UNDER RISERLESS CONDITION**

[54] **MODELES VIBRATOIRES PREDICTIFS DANS DES CONDITIONS D'ABSENCE DE COLONNE MONTANTE**

[72] SAMUEL, ROBELLO, US  
[72] URDANETA, GUSTAVO ADOLFO, US  
[71] LANDMARK GRAPHICS CORPORATION, US  
[85] 2016-04-05  
[86] 2013-11-18 (PCT/US2013/070552)  
[87] (WO2015/073043)

[21] **2,926,396**  
[13] A1

[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/22 (2006.01) A61K 8/81 (2006.01) A61Q 11/00 (2006.01)**

[25] EN

[54] **ORAL CARE WHITENING COMPOSITIONS CONTAINING FATTY AMPHIPHILES**

[54] **COMPOSITIONS DE BLANCHIMENT POUR L'HYGIENE BUCCALE CONTENANT DES AMPHIPHILES GRAS**

[72] PAN, GUI SHENG, US  
[72] MANDADI, PRAKASARAO, US  
[72] FEI, LIN, US  
[72] CHOPRA, SUMAN K., US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2016-04-05  
[86] 2013-12-05 (PCT/US2013/073234)  
[87] (WO2015/084357)

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[13] A1

[51] **Int.Cl. A61M 16/10 (2006.01) A62B 9/00 (2006.01)**  
[25] EN  
[54] **HEATING FOR POWERED AIR UNIT**  
[54] **CHAUFFAGE POUR UNITE A AIR MOTORISEE**  
[72] SERNFALT, MATS U., SE  
[72] NISSER, FREDRIK A., SE  
[72] SZULMANOWICZ, MICHAL S., PL  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2016-04-05  
[86] 2014-10-20 (PCT/US2014/061288)  
[87] (WO2015/061186)  
[30] US (14/062,168) 2013-10-24

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[21] **2,926,398**  
[13] A1

[51] **Int.Cl. B05B 11/00 (2006.01)**  
[25] EN  
[54] **DISPENSING CONTAINER**  
[54] **CONTENANT DE DISTRIBUTION**  
[72] ARVANITIDOU, EVANGELIA, US  
[72] DILLON, RENSL, US  
[72] FRISCH, KATHLEEN, US  
[72] JIMENEZ, EDUARDO JESUS, US  
[72] DARCY-SIEGEL, JOANN, US  
[72] LEE, DAVID KYUNG MIN, US  
[72] DUNCAN, KELLY GAIL, US  
[72] KOLB, MATTHEW LEE, US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2016-04-05  
[86] 2013-12-11 (PCT/US2013/074382)  
[87] (WO2015/088512)

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[21] **2,926,400**  
[13] A1

[51] **Int.Cl. G06T 17/05 (2011.01)**  
[25] EN  
[54] **GLOBAL GRID BUILDING UNFAULTING SEQUENCE FOR COMPLEX FAULT-NETWORK TOPOLOGIES**  
[54] **SEQUENCE D'ELIMINATION DE FAILLES DANS LA CONSTRUCTION DE MAILLAGE GLOBAL POUR TOPOLOGIES COMPLEXES DE RESEAUX DE FAILLES**  
[72] XU, ZITAO, US  
[72] SHI, GENBAO, US  
[72] CHIEN, CHIKANG DAVID, US  
[72] YARUS, JEFFREY, US  
[72] CHAMBERS, RICHARD L., US  
[71] LANDMARK GRAPHICS CORPORATION, US  
[85] 2016-04-04  
[86] 2013-11-26 (PCT/US2013/071933)  
[87] (WO2015/080699)

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[21] **2,926,401**  
[13] A1

[51] **Int.Cl. A61L 26/00 (2006.01) A61L 24/00 (2006.01) A61L 24/08 (2006.01) A61L 27/20 (2006.01)**  
[25] EN  
[54] **CHITOSAN STENTING PASTE**  
[54] **PATE D'OCCLUSION AU CHITOSANE**  
[72] MEDINA, JENNIFER GATES, US  
[72] SHERMAN, ETHAN GLENN, US  
[71] MEDTRONIC XOMED, INC., US  
[85] 2016-04-05  
[86] 2014-10-23 (PCT/US2014/062029)  
[87] (WO2015/061606)  
[30] US (14/061,993) 2013-10-24  
[30] US (14/319,901) 2014-06-30

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[21] **2,926,404**  
[13] A1

[51] **Int.Cl. E21B 34/04 (2006.01)**  
[25] EN  
[54] **MANIFOLDS FOR PROVIDING HYDRAULIC FLUID TO A SUBSEA BLOWOUT PREVENTER AND RELATED METHODS**  
[54] **CIRCUITS DE CANALISATION DESTINEES A ACHEMINER UN FLUIDE HYDRAULIQUE VERS UN BLOC OBTURATEUR DE Puits SOUS-MARIN ET PROCEDES ASSOCIES**  
[72] BABBITT, GUY ROBERT, US  
[72] KERSEY, JAMES EDWARD, US  
[72] ECHESTER, NICHOLAS PAUL, US  
[72] WEYER-GEIGEL, KRISTINA, US  
[71] TRANSOCEAN INNOVATION LABS, LTD., KY  
[85] 2016-04-04  
[86] 2014-09-27 (PCT/US2014/057926)  
[87] (WO2015/053963)  
[30] US (61/887,728) 2013-10-07  
[30] US (61/887,825) 2013-10-07  
[30] US (61/887,698) 2013-10-07

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[21] **2,926,405**  
[13] A1

[51] **Int.Cl. G21C 17/017 (2006.01)**  
[25] EN  
[54] **TARGETED HEAT EXCHANGER DEPOSIT REMOVAL BY COMBINED DISSOLUTION AND MECHANICAL REMOVAL**  
[54] **ENLEVEMENT CIBLE DE DEPOT D'ECHANGEUR THERMIQUE PAR DISSOLUTION ET ENLEVEMENT MECANIQUE COMBINES**  
[72] CRYTZER, KURTIS B., US  
[72] SELFRIDGE, DAVID W., JR., US  
[72] LEGOFF, MARTIN, US  
[72] IKEDA, LAUREN R., US  
[71] WESTINGHOUSE ELECTRIC COMPANY LLC, US  
[85] 2016-04-05  
[86] 2014-06-04 (PCT/US2014/040811)  
[87] (WO2015/065530)  
[30] US (14/065,728) 2013-10-29

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[13] A1

[51] **Int.Cl. A63F 13/67 (2014.01) A63F 13/54 (2014.01)**  
[25] EN  
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[54] **REGLAGE DE PARAMETRE AUDIO VARIABLE**  
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[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US  
[85] 2016-04-05  
[86] 2014-10-27 (PCT/US2014/062315)  
[87] (WO2015/065865)  
[30] US (14/069,093) 2013-10-31

[21] **2,926,408**  
[13] A1

[51] **Int.Cl. C12M 1/42 (2006.01) A61K 48/00 (2006.01) C07H 21/02 (2006.01) C07H 21/04 (2006.01) G01N 27/26 (2006.01)**  
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[54] **COMPOSITIONS POUR MODULER L'EXPRESSION DE C9ORF72**  
[72] FREIER, SUSAN M., US  
[72] RIGO, FRANK, US  
[72] SINGH, PRIYAM, US  
[71] IONIS PHARMACEUTICALS, INC., US  
[85] 2016-04-05  
[86] 2014-10-11 (PCT/US2014/060194)  
[87] (WO2015/054676)  
[30] US (61/890,108) 2013-10-11  
[30] US (61/891,313) 2013-10-15  
[30] US (61/919,540) 2013-12-20  
[30] US (61/927,903) 2014-01-15  
[30] US (61/980,502) 2014-04-16

[21] **2,926,409**  
[13] A1

[51] **Int.Cl. B65H 5/22 (2006.01) B41J 11/00 (2006.01)**  
[25] EN  
[54] **MOVABLE VACUUM DIVIDER ELEMENT MOBILE DE SEPARATION DE VIDE**  
[72] DE ROECK, LUC, BE  
[71] AGFA GRAPHICS NV, BE  
[85] 2016-04-05  
[86] 2014-10-30 (PCT/EP2014/073330)  
[87] (WO2015/067520)  
[30] EP (13191495.4) 2013-11-05

[21] **2,926,411**  
[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 21/08 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MONITORING FLUID FLOW IN A CONDUIT**  
[54] **PROCEDE ET SYSTEME POUR SURVEILLER UN ECOULEMENT DE FLUIDE DANS UN CONDUIT**  
[72] IN'T PANHUIS, PETRUS HENDRIKUS MARIA WILHEMUS, NL  
[72] DEN BOER, JOHANNIS JOSEPHUS, NL  
[72] MUSTAFINA, DARIA, NL  
[72] KUSTERS, ROEL MARIE (DECEASED), NL  
[72] ROY, DAYEETA, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2016-04-05  
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[87] (WO2015/065869)  
[30] EP (13190463.3) 2013-10-28

[21] **2,926,413**  
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR USING SPATIAL AND TEMPORAL ANALYSIS TO ASSOCIATE DATA SOURCES WITH MOBILE DEVICES**  
[54] **SYSTEMES ET PROCEDES PERMETTANT D'UTILISER UNE ANALYSE SPATIALE ET TEMPORELLE POUR ASSOCIER DES SOURCES DE DONNEES A DES DISPOSITIFS MOBILES**  
[72] HARTZELL, DALE, US  
[72] WELTON, MARK, US  
[72] PERRI, MICHAEL, US  
[71] MOBILE TECHNOLOGY CORPORATION, LLC, US  
[85] 2016-04-05  
[86] 2014-10-07 (PCT/US2014/059541)  
[87] (WO2015/054291)  
[30] US (61/888,950) 2013-10-09

[21] **2,926,415**  
[13] A1

[51] **Int.Cl. G21F 9/30 (2006.01)**  
[25] EN  
[54] **AMBIENT TEMPERATURE DECONTAMINATION OF NUCLEAR POWER PLANT COMPONENT SURFACES CONTAINING RADIONUCLIDES IN A METAL OXIDE**  
[54] **DECONTAMINATION A TEMPERATURE AMBIANTE DE SURFACES D'ELEMENT DE CENTRALE NUCLEAIRE CONTENANT DES RADIONUCLEIDES DANS UN OXYDE METALLIQUE**  
[72] CRYTZER, KURTIS R., US  
[72] IKEDA, LAUREN R., US  
[72] VITALE, NICOLE D., US  
[71] WESTINGHOUSE ELECTRIC COMPANY LLC, US  
[85] 2016-04-05  
[86] 2014-06-05 (PCT/US2014/040980)  
[87] (WO2015/065531)  
[30] US (14/065,741) 2013-10-29

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[13] A1

[51] **Int.Cl. E04B 1/38 (2006.01) A61G 10/00 (2006.01) A61G 99/00 (2006.01) A61M 39/10 (2006.01) B01L 1/04 (2006.01) E04B 1/348 (2006.01)**  
[25] EN  
[54] **UNIT FOR CONNECTING MODULAR MOBILE ROOMS**  
[54] **UNITE POUR RELIER DES CHAMBRES MOBILES MODULAIRES**  
[72] JORNITZ, MAIK WOLFGANG, US  
[71] G-CON MANUFACTURING INC., US  
[85] 2016-04-05  
[86] 2014-10-14 (PCT/US2014/060505)  
[87] (WO2015/057722)  
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[30] US (14/514,082) 2014-10-14

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[13] A1

[51] **Int.Cl. A61K 31/7088 (2006.01) A61K 38/00 (2006.01) A61K 38/16 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **METHODS FOR TREATING FIBROTIC CANCERS**

[54] **METHODES DE TRAITEMENT DE CANCERS FIBREUX**

[72] BRUHN, SUZANNE, US

[72] TREHU, ELIZABETH, US

[72] LUPHER, MARK, US

[71] PROMEDIOR, INC., US

[85] 2016-04-05

[86] 2014-10-08 (PCT/US2014/059699)

[87] (WO2015/054390)

[30] US (61/888,269) 2013-10-08

[30] US (61/992,807) 2014-05-13

[30] US (62/004,828) 2014-05-29

[30] US (62/004,836) 2014-05-29

[21] **2,926,419**  
[13] A1

[51] **Int.Cl. H04W 74/08 (2009.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR GROUP ACCESS TO THE WIRELESS MEDIUM OF A WIRELESS NETWORK**

[54] **SYSTEMES ET PROCEDES POUR UN ACCES GROUPE AU SUPPORT SANS FIL D'UN RESEAU SANS FIL**

[72] MERLIN, SIMONE, US

[72] SAMPATH, HEMANTH, US

[72] BARRIAC, GWENDOLYN DENISE, US

[71] QUALCOMM INCORPORATED, US

[85] 2016-04-05

[86] 2014-10-29 (PCT/US2014/062891)

[87] (WO2015/066175)

[30] US (61/898,775) 2013-11-01

[30] US (14/526,401) 2014-10-28

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[13] A1

[51] **Int.Cl. C09D 1/00 (2006.01) A61F 2/00 (2006.01)**

[25] EN

[54] **PROCESSED BONE PARTICLE COMPOSITIONS AND RELATED METHODS**

[54] **COMPOSITIONS DE PARTICULES OSSEUSES TRAITÉES ET PROCÉDES S'Y RAPPORTANT**

[72] BURDEN, ROBERT L., US

[71] VIVORTE, INC., US

[85] 2016-04-05

[86] 2014-10-08 (PCT/US2014/059728)

[87] (WO2015/054407)

[30] US (61/888,393) 2013-10-08

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[13] A1

[51] **Int.Cl. B62D 21/00 (2006.01) B62D 33/067 (2006.01) E06C 5/04 (2006.01)**

[25] EN

[54] **SELF-DEPLOYING SERVICE STEP**

[54] **ETAPE DE MAINTENANCE AUTODEPLOYANTE**

[72] ANGELO, GERALD J., US

[71] PACCAR INC, US

[85] 2016-04-05

[86] 2014-08-29 (PCT/US2014/053579)

[87] (WO2015/053877)

[30] US (14/047,781) 2013-10-07

[21] **2,926,423**  
[13] A1

[51] **Int.Cl. H01M 10/02 (2006.01)**

[25] EN

[54] **AUTOMATED CROWDSOURCED POWER OUTAGE IDENTIFICATION AND STAGGERING OF HVAC SYSTEM RESTARTS**

[54] **IDENTIFICATION DE PANNE DE PUISSANCE ET ECHELONNEMENT DE REDEMARRAGES DE SYSTEME HVAC COLLABORATIFS AUTOMATISES**

[72] BAYNES, ANDREW, US

[72] MCGARAGHAN, SCOTT, US

[72] FADELL, ANTHONY M., US

[72] SLOO, DAVID, US

[71] GOOGLE INC., US

[85] 2016-04-04

[86] 2014-10-07 (PCT/US2014/059520)

[87] (WO2015/054272)

[30] US (61/887,963) 2013-10-07

[30] US (14/508,167) 2014-10-07

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[13] A1

[51] **Int.Cl. A61K 47/38 (2006.01) A61K 9/16 (2006.01) A61K 31/445 (2006.01)**

[25] EN

[54] **APREPITANT ORAL LIQUID FORMULATIONS**

[54] **FORMULATIONS LIQUIDES ORALES D'APREPITANT**

[72] TOTI, UDAYA, US

[72] MUKUNDAN, SHYAMPASAD, US

[72] KUNADHARAJU, SASANK CHAITANYA, US

[72] HINGORANI, TUSHAR, US

[72] SOPPIMATH, KUMARESH, US

[72] PEJAVAR, SATISH, US

[72] PURI, NAVNEET, US

[71] INNOPHARMA, INC., US

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[86] 2014-10-08 (PCT/US2014/059767)

[87] (WO2015/054429)

[30] US (61/888,092) 2013-10-08

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[13] A1

[51] **Int.Cl. G02F 1/167 (2006.01)**

[25] EN

[54] **COLOR DISPLAY DEVICE**

[54] **DISPOSITIF D'AFFICHAGE EN COULEUR**

[72] WANG, MING, US

[72] DU, HUI, US

[72] ZANG, HONGMEI, US

[72] LAXTON, PETER, US

[71] E INK CALIFORNIA, LLC, US

[85] 2016-04-05

[86] 2014-10-02 (PCT/US2014/058901)

[87] (WO2015/054030)

[30] US (61/890,106) 2013-10-11

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[13] A1

[51] **Int.Cl. C12Q 1/04 (2006.01) G01N 33/92 (2006.01)**

[25] EN

[54] **METHODS FOR IDENTIFYING FUNGI**

[54] **PROCEDES D'IDENTIFICATION DE CHAMPIGNONS**

[72] GOODLETT, DAVID, US

[72] ERNST, ROBERT, US

[71] UNIVERSITY OF MARYLAND, BALTIMORE, US

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[30] US (61/888,577) 2013-10-09

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[13] A1

[51] **Int.Cl. C07K 16/18 (2006.01) C07K 16/30 (2006.01)**

[25] EN

[54] **MONOCLONAL OLFML-3 ANTIBODIES AND USES THEREOF**

[54] **ANTICORPS MONOCLONAUX ANTI-OLFML-3 ET LEURS UTILISATIONS**

[72] IMHOF, BEAT A., CH

[72] MILJKOVIC-LICINA, MARIJANA, CH

[72] HAMMEL, PHILIPPE, CH

[71] RESEARCH DEVELOPMENT FOUNDATION, US

[85] 2016-04-05

[86] 2014-10-09 (PCT/US2014/059801)

[87] (WO2015/054441)

[30] US (61/888,759) 2013-10-09

[30] US (62/018,906) 2014-06-30

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[21] **2,926,431**  
[13] A1

[51] **Int.Cl. A01N 43/56 (2006.01) A01N 31/04 (2006.01)**

[25] EN

[54] **SYNERGISTIC PESTICIDAL COMPOSITIONS AND RELATED METHODS**

[54] **COMPOSITIONS PESTICIDES SYNERGIQUES ET PROCEDES ASSOCIES**

[72] GOMEZ, LUIS E., US

[72] HUNTER, RICKY, US

[72] SHAW, MIKE, US

[72] TRULLINGER, TONY K., US

[72] KUBISZAK, MARY E., US

[71] DOW AGROSCIENCES LLC, US

[85] 2016-04-04

[86] 2014-10-17 (PCT/US2014/061003)

[87] (WO2015/061145)

[30] US (61/894,038) 2013-10-22

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[13] A1

[51] **Int.Cl. A61K 9/12 (2006.01) A61K 31/137 (2006.01) A61K 31/56 (2006.01) A61M 15/00 (2006.01)**

[25] EN

[54] **DRY POWDER INHALER**

[54] **INHALATEUR DE POUDRE SECHE**

[72] DALVI, MUKUL, US

[72] TEE, SEAH KEE, US

[71] TEVA BRANDED PHARMACEUTICAL PRODUCTS R&D, INC., US

[85] 2016-04-05

[86] 2014-10-06 (PCT/US2014/059285)

[87] (WO2015/054124)

[30] US (61/887,589) 2013-10-07

[30] US (61/888,301) 2013-10-08

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[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01) A01N 33/06 (2006.01) A01N 43/56 (2006.01)**

[25] EN

[54] **PESTICIDAL COMPOSITIONS AND RELATED METHODS**

[54] **COMPOSITIONS PESTICIDES ET PROCEDES ASSOCIES**

[72] WALSH, MARTIN J., US

[72] BUYSSE, ANN M., US

[72] KUBOTA, ASAKO, US

[72] NIYAZ, NOORMOHAMED M., US

[72] ZHANG, YU, US

[72] HUNTER, RICKY, US

[72] TRULLINGER, TONY K., US

[71] DOW AGROSCIENCES LLC, US

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[86] 2014-10-17 (PCT/US2014/061060)

[87] (WO2015/061157)

[30] US (61/894,320) 2013-10-22

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[21] **2,926,436**  
[13] A1

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

[25] EN

[54] **MULTIMODE IMAGE AND SPECTRAL READER**

[54] **LECTEUR MULTIMODE D'IMAGE ET SPECTRAL**

[72] MURRAH, JUDITH, US

[72] TRAN, PHIDUNG H., US

[72] SZCZEPANIK, MACIEJ B., US

[72] LIANG, MINGHWA BENJAMIN, US

[72] HAYWARD, JAMES A., US

[71] APDN (B.V.I), INC., VG

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[87] (WO2015/054188)

[30] US (61/887,797) 2013-10-07

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[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01) A01N 33/06 (2006.01) A01N 43/56 (2006.01)**

[25] EN

[54] **PESTICIDAL COMPOSITIONS AND RELATED METHODS**

[54] **COMPOSITIONS PESTICIDES ET PROCEDES ASSOCIES**

[72] WALSH, MARTIN J., US

[72] KNUEPPEL, DANIEL, US

[72] NIYAZ, NOORMOHAMED M., US

[72] BUYSSE, ANN M., US

[72] GARIZI, NEGAR, US

[72] KUBOTA, ASAKO, US

[72] ZHANG, YU, US

[72] HUNTER, RICKY, US

[72] TRULLINGER, TONY K., US

[71] DOW AGROSCIENCES LLC, US

[85] 2016-04-04

[86] 2014-10-17 (PCT/US2014/061069)

[87] (WO2015/061161)

[30] US (61/894,336) 2013-10-22

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[13] A1

[51] **Int.Cl. A61K 31/568 (2006.01) A61P 7/00 (2006.01)**  
[25] EN  
[54] **HEMATOCRIT MODULATION THROUGH NEEDLE ASSISTED JET INJECTION OF TESTOSTERONE**  
[54] **MODULATION D'HEMATOCRITES PAR INJECTION DE TESTOSTERONE PAR JET A L'AIDE D'UNE AIGUILLE**  
[72] WOTTON, PAUL K., US  
[72] JAFFE, JONATHAN, US  
[71] ANTARES PHARMA, INC., US  
[85] 2016-04-05  
[86] 2014-10-07 (PCT/US2014/059443)  
[87] (WO2015/054213)  
[30] US (61/887,643) 2013-10-07

[21] **2,926,442**  
[13] A1

[51] **Int.Cl. G08B 13/08 (2006.01)**  
[25] EN  
[54] **SMART-HOME HAZARD DETECTOR PROVIDING NON-ALARM STATUS SIGNALS AT OPPORTUNE MOMENTS**  
[54] **DETECTEUR DE RISQUES DE MAISON INTELLIGENTE EMETTANT DES SIGNAUX DE STATUT HORS ALARME A DES MOMENTS OPPORTUNS**  
[72] FADELL, ANTHONY M., US  
[72] ROGERS, MATTHEW L., US  
[72] SLOO, DAVID, US  
[72] VERON, MAXIME, US  
[72] LE GUEN, SOPHIE, US  
[72] MATSUOKA, YOKY, US  
[72] BOYD, JEFFERY A., US  
[71] GOOGLE INC., US  
[85] 2016-04-05  
[86] 2014-10-07 (PCT/US2014/059460)  
[87] (WO2015/054225)  
[30] US (61/887,963) 2013-10-07  
[30] US (61/887,969) 2013-10-07  
[30] US (14/508,067) 2014-10-07  
[30] US (14/508,047) 2014-10-07

[21] **2,926,443**  
[13] A1

[51] **Int.Cl. C07D 215/00 (2006.01)**  
[25] EN  
[54] **HETEROARYL LINKED QUINOLINYL MODULATORS OF ROR.GAMMA.T**  
[54] **MODULATEURS DE RORYT PORTANT UN GROUPE QUINOLYLE LIE A UN GROUPE HETEROARYLE**  
[72] LEONARD, KRISTI A., US  
[72] BARBAY, KENT, US  
[72] EDWARDS, JAMES P., US  
[72] KREUTTER, KEVIN D., US  
[72] KUMMER, DAVID A., US  
[72] MAHAROOF, UMAR, US  
[72] NISHIMURA, RACHEL, US  
[72] URBANSKI, MAUD, US  
[72] VENKATESAN, HARIHARAN, US  
[72] WANG, AIHUA, US  
[72] WOLIN, RONALD L., US  
[72] WOODS, CRAIG R., US  
[72] FOURIE, ANNE, US  
[72] XUE, XIAOHUA, US  
[72] CUMMINGS, MAXWELL D., US  
[71] JANSSEN PHARMACEUTICA NV, BE  
[85] 2016-04-04  
[86] 2013-10-15 (PCT/US2013/065031)  
[87] (WO2015/057200)

[21] **2,926,444**  
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01) A01N 43/647 (2006.01)**  
[25] EN  
[54] **PESTICIDAL COMPOSITIONS AND RELATED METHODS**  
[54] **COMPOSITIONS PESTICIDES ET PROCEDES ASSOCIES**  
[72] ZHANG, YU, US  
[72] TRULLINGER, TONY K., US  
[72] HUNTER, RICKY, US  
[72] BUYASSE, ANN M., US  
[71] DOW AGROSCIENCES LLC, US  
[85] 2016-04-04  
[86] 2014-10-17 (PCT/US2014/061078)  
[87] (WO2015/061163)  
[30] US (61/894,348) 2013-10-22

[21] **2,926,446**  
[13] A1

[51] **Int.Cl. E21B 29/00 (2006.01) E21B 10/26 (2006.01) E21B 10/32 (2006.01) E21B 33/13 (2006.01)**  
[25] EN  
[54] **MILLING SYSTEM FOR ABANDONING A WELLBORE**  
[54] **SYSTEME DE BROYAGE POUR ABANDONNER UN PUIT DE FORAGE**  
[72] BANSAL, RAM K., US  
[72] HAQ, MOHAMMED ALEEMUL, US  
[72] BAILEY, THOMAS F., US  
[72] SEGURA, RICHARD J., US  
[72] SMITH, IAN, GB  
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US  
[85] 2016-04-05  
[86] 2014-10-07 (PCT/US2014/059462)  
[87] (WO2015/054227)  
[30] US (61/889,867) 2013-10-11  
[30] US (14/496,936) 2014-09-25

[21] **2,926,447**  
[13] A1

[51] **Int.Cl. G06Q 50/00 (2012.01)**  
[25] EN  
[54] **HEALTHCARE SERVICE MARKETPLACE SYSTEM AND METHOD**  
[54] **SYSTEME DE MARCHÉ DE SERVICES DE SOINS DE SANTE ET PROCEDE ASSOCIE**  
[72] TANNER, TED, US  
[72] THOMAS, DOUG, US  
[72] CRAMER, THOMAS, US  
[72] CORBIN, BRIAN, US  
[72] MAKI, LISA, US  
[71] POKITDOK, INC., US  
[85] 2016-04-04  
[86] 2014-08-18 (PCT/US2014/051545)  
[87] (WO2015/053862)  
[30] US (61/887,904) 2013-10-07  
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[13] A1

[51] **Int.Cl. B05B 12/08 (2006.01)**  
[25] EN  
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[54] **SYSTEME ET PROCEDE DE COMMANDE DE BUSE**  
[72] PREHEIM, JOHN D., US  
[72] DRIESEN, BRENT A., US  
[72] KOCER, JARED ERNEST, US  
[71] RAVEN INDUSTRIES, INC., US  
[85] 2016-04-04  
[86] 2014-10-17 (PCT/US2014/061150)  
[87] (WO2015/058091)  
[30] US (61/892,339) 2013-10-17

[21] **2,926,450**  
[13] A1

[51] **Int.Cl. F04D 29/60 (2006.01) F04D 13/02 (2006.01) F04D 29/041 (2006.01)**  
[25] EN  
[54] **HORIZONTAL PUMPING SYSTEM WITH BENT PLATE FRAME**  
[54] **SYSTEME DE POMPAGE HORIZONTAL COMPRENANT UN CADRE DE PLAQUE PLIE**  
[72] NELSON, ANDREW MICHAEL, US  
[72] PETERSON, JOHNATHAN EDWARD, US  
[71] GE OIL & GAS ESP, INC., US  
[85] 2016-04-04  
[86] 2014-09-05 (PCT/US2014/054198)  
[87] (WO2015/050669)  
[30] US (14/044,609) 2013-10-02

[21] **2,926,451**  
[13] A1

[51] **Int.Cl. F28F 7/00 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR DISSIPATING HEAT**  
[54] **APPAREIL DE DISSIPATION DE LA CHALEUR**  
[72] MOSKAITIS, ROBERT JOHN, US  
[72] BRELOFF, MARK, US  
[71] SPECIALTY MINERALS (MICHIGAN) INC., US  
[85] 2016-04-04  
[86] 2014-09-24 (PCT/US2014/057152)  
[87] (WO2015/050757)  
[30] US (14/046,016) 2013-10-04

[21] **2,926,452**  
[13] A1

[51] **Int.Cl. G01N 33/24 (2006.01)**  
[25] EN  
[54] **TRI-AXIAL CENTRIFUGE APPARATUS**  
[54] **CENTRIFUGEUSE TRIAXIALE**  
[72] HAKIMUDDIN, MUSTAFA, SA  
[71] SAUDI ARABIAN OIL COMPANY, SA  
[85] 2016-04-04  
[86] 2014-10-20 (PCT/US2014/061313)  
[87] (WO2015/061199)  
[30] US (61/893,632) 2013-10-21

[21] **2,926,453**  
[13] A1

[51] **Int.Cl. G08B 21/14 (2006.01) H04W 84/10 (2009.01) G08C 17/02 (2006.01)**  
[25] EN  
[54] **VISUAL AND AUDITORY USER NOTIFICATION METHODS FOR SMART-HOME HAZARD DETECTOR**  
[54] **PROCEDES D'AVERTISSEMENT VISUEL ET AUDITIF D'UN UTILISATEUR DESTINES A UN DETECTEUR DE DANGER DOMESTIQUE INTELLIGENT**  
[72] FADELL, ANTHONY M., US  
[72] ROGERS, MATTHEW L., US  
[72] SLOO, DAVID, US  
[72] VERON, MAXIME, US  
[72] LE GUEN, SOPHIE, US  
[72] WEBB, NICK, US  
[71] GOOGLE INC., US  
[85] 2016-04-05  
[86] 2014-10-07 (PCT/US2014/059482)  
[87] (WO2015/054241)  
[30] US (61/887,963) 2013-10-07  
[30] US (61/887,969) 2013-10-07  
[30] US (14/508,409) 2014-10-07

[21] **2,926,455**  
[13] A1

[51] **Int.Cl. H01L 23/367 (2006.01) F28F 7/00 (2006.01) H05K 7/20 (2006.01)**  
[25] EN  
[54] **DEVICE AND SYSTEM FOR DISSIPATING HEAT, AND METHOD OF MAKING SAME**  
[54] **DISPOSITIF ET SYSTEME DE DISSIPATION DE CHALEUR, ET LEUR PROCEDE DE FABRICATION**  
[72] KOCH, DONALD RAY, US  
[72] MOSKAITIS, ROBERT JOHN, US  
[71] SPECIALTY MINERALS (MICHIGAN) INC., US  
[85] 2016-04-04  
[86] 2014-09-24 (PCT/US2014/057166)  
[87] (WO2015/050758)  
[30] US (14/046,001) 2013-10-04

[21] **2,926,456**  
[13] A1

[51] **Int.Cl. H01H 50/54 (2006.01) H01H 50/16 (2006.01)**  
[25] EN  
[54] **INTEGRATED SPDT OR DPDT SWITCH WITH SPDT RELAY COMBINATION FOR USE IN RESIDENCE AUTOMATION**  
[54] **INTERRUPTEUR UNIPOLAIRE BIDIRECTIONNEL OU BIPOLAIRE BIDIRECTIONNEL AVEC COMBINAISON DE RELAIS UNIPOLAIRES BIDIRECTIONNELS POUR UNE UTILISATION DANS LA DOMOTIQUE**  
[72] ELBERBAUM, DAVID, JP  
[71] ELBEX VIDEO LTD., JP  
[85] 2016-04-04  
[86] 2014-10-01 (PCT/US2014/058598)  
[87] (WO2015/050972)  
[30] US (14/045,877) 2013-10-04

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[21] **2,926,458**  
[13] A1

[51] **Int.Cl. F16K 27/06 (2006.01) F16K 5/06 (2006.01) F16K 31/60 (2006.01) G01L 13/00 (2006.01) G01L 19/00 (2006.01)**

[25] EN

[54] **TAP WITH INTEGRAL BALL VALVE**

[54] **ROBINET AYANT UN CLAPET A BILLE INTEGRE**

[72] HUTTON, PETER B., US

[71] HUTTON, PETER B., US

[85] 2016-04-04

[86] 2014-10-02 (PCT/US2014/058889)

[87] (WO2015/051167)

[30] US (61/886,387) 2013-10-03

[30] US (61/894,642) 2013-10-23

[21] **2,926,461**  
[13] A1

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

[25] EN

[54] **MODULAR VALVE PROSTHESIS WITH ANCHOR STENT AND VALVE COMPONENT**

[54] **PROTHESE DE VALVULE MODULAIRE A ENDOPROTHESE D'ANCRAGE ET A ELEMENT VALVULE**

[72] ROTHSTEIN, PAUL, US

[71] MEDTRONIC INC., US

[85] 2016-04-04

[86] 2014-10-02 (PCT/US2014/058913)

[87] (WO2015/061021)

[30] US (14/062,457) 2013-10-24

[21] **2,926,464**  
[13] A1

[51] **Int.Cl. B32B 27/04 (2006.01) B32B 5/02 (2006.01) C08J 5/24 (2006.01)**

[25] EN

[54] **HIGH PERFORMANCE COMPOSITIONS AND COMPOSITES**

[54] **COMPOSITIONS ET COMPOSITES A HAUTE PERFORMANCE**

[72] FISH, CHRISTOPHER, US

[71] BURNING BUSH GROUP, LLC, US

[85] 2016-04-04

[86] 2014-10-03 (PCT/US2014/059139)

[87] (WO2015/051301)

[30] US (61/886,841) 2013-10-04

[21] **2,926,459**  
[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01)**

[25] EN

[54] **HAZARD DETECTION UNIT FACILITATING USER-FRIENDLY SETUP EXPERIENCE**

[54] **UNITE DE DETECTION DE DANGER PERMETTANT UNE EXPERIENCE DE CONFIGURATION CONVIVIALE**

[72] LE GUEN, SOPHIE, US

[72] SLOO, DAVID, US

[72] FADELL, ANTHONY M., US

[72] ROGERS, MATTHEW L., US

[72] HONJO, SHIGEFUMI, US

[72] LOGUE, JAY, US

[72] ERICKSON, GRANT, US

[72] WEBB, NICK, US

[72] BOYD, JEFFREY A., US

[72] SIMISTER, JAMES B., US

[72] BOETTCHER, JESSE W., US

[72] BRUCK, TIMO A., US

[72] COPPOCK, KEVIN, US

[72] ROSSI, SHINEY, US

[71] GOOGLE INC., US

[85] 2016-04-05

[86] 2014-10-07 (PCT/US2014/059498)

[87] (WO2015/054254)

[30] US (61/887,969) 2013-10-07

[30] US (14/508,612) 2014-10-07

[21] **2,926,463**  
[13] A1

[51] **Int.Cl. G08B 17/00 (2006.01)**

[25] EN

[54] **SMART-HOME HAZARD DETECTOR PROVIDING USEFUL FOLLOW UP COMMUNICATIONS TO DETECTION EVENTS**

[54] **DETECTEUR DE DANGER DOMESTIQUE INTELLIGENT FOURNISSANT DES COMMUNICATIONS DE SUIVI UTILES A DES EVENEMENTS DE DETECTION**

[72] SLOO, DAVID, US

[72] WEBB, NICK, US

[72] ROGERS, MATTHEW L., US

[72] FADELL, ANTHONY M., US

[72] LEE, JEFF, US

[72] LE GUEN, SOPHIE, US

[72] GOLDENSON, ANDREW W., US

[71] GOOGLE INC., US

[85] 2016-04-05

[86] 2014-10-07 (PCT/US2014/059526)

[87] (WO2015/054278)

[30] US (61/887,963) 2013-10-07

[30] US (61/887,969) 2013-10-07

[30] US (14/508,146) 2014-10-07

[21] **2,926,465**  
[13] A1

[51] **Int.Cl. B21D 26/049 (2011.01) B21D 51/24 (2006.01) B21D 51/26 (2006.01) B21D 51/40 (2006.01)**

[25] EN

[54] **SHAPED METAL CONTAINER, MICROSTRUCTURE, A METHOD FOR MAKING A SHAPED METAL CONTAINER**

[54] **RECIPIENT METALLIQUE FACONNE, MICROSTRUCTURE, PROCEDE POUR FABRIQUER UN RECIPIENT METALLIQUE FACONNE**

[72] NIEC, PHILIPPE, FR

[72] LEMIALE, MARC, FR

[72] ADAMS, JOHN E., US

[72] LIN, YUPING, US

[71] THE COCA-COLA COMPANY, US

[71] ARDAGH MP GROUP NETHERLANDS B.V., NL

[85] 2016-04-05

[86] 2014-10-07 (PCT/US2014/059533)

[87] (WO2015/054284)

[30] EP (EP13187775.5) 2013-10-08

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[21] **2,926,466**  
[13] A1

[51] **Int.Cl. A61K 35/74 (2015.01) A61K 9/48 (2006.01) A61K 39/395 (2006.01) A61P 3/00 (2006.01) A61P 31/04 (2006.01)**

[25] EN

[54] **COMPOSITIONS COMPRISING A DEFINED MICROBIOME AND METHODS OF USE THEREOF**

[54] **COMPOSITIONS COMPRENANT UN MICROBIOME DEFINI ET PROCEDES D'UTILISATION DE CES COMPOSITIONS**

[72] BUSHMAN, FREDERIC, US

[72] WU, GARY, US

[72] LEWIS, JAMES, US

[71] TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US

[85] 2016-04-04

[86] 2014-10-03 (PCT/US2014/059166)

[87] (WO2015/051323)

[30] US (61/886,268) 2013-10-03

[30] US (61/974,686) 2014-04-03

[21] **2,926,467**  
[13] A1

[51] **Int.Cl. F21V 19/04 (2006.01) F21S 8/08 (2006.01) F21V 21/116 (2006.01) H01K 3/32 (2006.01)**

[25] EN

[54] **LIGHT REPLACING APPARATUS FOR REPLACING BULBS IN STREET LAMPS**

[54] **APPAREIL DE REMPLACEMENT D'ECLAIRAGE SERVANT A REMPLACER DES AMPOULES DE LAMPADAIRES**

[72] NEVITT, THOMAS, US

[71] NEVITT, THOMAS, US

[85] 2016-04-04

[86] 2014-10-04 (PCT/US2014/059204)

[87] (WO2015/051346)

[30] US (61/886,777) 2013-10-04

[30] US (14/506,467) 2014-10-03

[21] **2,926,468**  
[13] A1

[51] **Int.Cl. A61M 35/00 (2006.01) A61B 90/80 (2016.01) B05C 21/00 (2006.01)**

[25] EN

[54] **ANTISEPTIC APPLICATOR**

[54] **APPLICATEUR ANTISEPTIQUE**

[72] DEGALA, SATISH, US

[72] THURMOND, KENNETH BRUCE, US

[72] DOKKEN, KENNETH MICHAEL, US

[72] VAIDYANATHAN, AISHWARYA, US

[72] MAGALLON, ANGEL, US

[72] PARROTT, DAVID A., US

[72] KRUPP, BENJAMIN T., US

[71] CAREFUSION 2200, INC., US

[85] 2016-04-04

[86] 2014-10-06 (PCT/US2014/059270)

[87] (WO2015/051359)

[30] US (14/046,582) 2013-10-04

[21] **2,926,469**  
[13] A1

[51] **Int.Cl. G06Q 20/32 (2012.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR MANAGING MERCHANT-CONSUMER INTERACTIONS**

[54] **SYSTEME ET PROCEDE DE GESTION D'INTERACTIONS ENTRE MARCHANDS ET CONSOMMATEURS**

[72] HARVEY, GREGORY W., US

[72] BROWN, SAMUEL N., US

[72] SINK, DAVID S., US

[72] WILKINSON, AARON, US

[72] MENEFEE, MICHAEL, US

[72] SAUM, MARK S., US

[72] BERGIN, COLM, US

[72] PARKER, BRUCE, US

[72] SCHULZ, RALF ERICH, US

[72] BUELL, JON, US

[72] FISHER, JASON, US

[71] MODOPAYMENTS, LLC, US

[85] 2016-04-04

[86] 2014-10-06 (PCT/US2014/059274)

[87] (WO2015/051361)

[30] US (14/046,792) 2013-10-04

[21] **2,926,470**  
[13] A1

[51] **Int.Cl. A61F 13/00 (2006.01) A61M 1/00 (2006.01)**

[25] EN

[54] **NEGATIVE PRESSURE WOUND CLOSURE DEVICE**

[54] **DISPOSITIF DE FERMETURE DE PLAIE PAR PRESSION NEGATIVE**

[72] CANNER, PHILIP DAVID, GB

[72] DUNN, RAYMOND M., US

[72] GREENWOOD, JOHN ALAN, GB

[72] HAMMOND, VICTORIA JODY, GB

[72] HARTWELL, EDWARD YERBURY, GB

[72] HICKS, JOHN KENNETH, GB

[72] HUDDLESTON, ELIZABETH MARY, GB

[72] KELLY, ANDREW, GB

[72] LINTON, ANDREW, GB

[72] PHILLIPS, MARCUS DAMIAN, GB

[72] RICHARDSON, MARK, GB

[72] SAXBY, CARL, GB

[72] STERN, TIM, GB

[71] SMITH & NEPHEW, INC., US

[71] UNIVERSITY OF MASSACHUSETTS, US

[85] 2016-04-04

[86] 2014-10-21 (PCT/US2014/061627)

[87] (WO2015/061352)

[30] US (61/893,821) 2013-10-21

[30] US (61/913,210) 2013-12-06

[30] US (61/930,436) 2014-01-22

[30] US (61/930,426) 2014-01-22

[30] US (61/930,427) 2014-01-22

[30] US (61/930,423) 2014-01-22

[30] US (61/930,414) 2014-01-22

[30] US (61/930,913) 2014-01-23

[30] US (62/051,834) 2014-09-17

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[21] **2,926,471**  
[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 47/12 (2012.01) F04D 13/10 (2006.01)**

[25] EN

[54] **POWER CABLE BASED MULTI-SENSOR UNIT SIGNAL TRANSMISSION**

[54] **TRANSMISSION DE SIGNAL D'UNITES DE DETECTION MULTIPLES PAR CABLE D'ALIMENTATION**

[72] PARRA, LUIS, SG

[72] MACKAY, RODERICK IAN, SG

[72] RENDUSARA, DUDI ABDULLAH, SG

[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2016-04-04

[86] 2014-10-28 (PCT/US2014/062491)

[87] (WO2015/065930)

[30] US (61/897,155) 2013-10-29

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[21] **2,926,473**  
[13] A1

[51] **Int.Cl. H04L 5/00 (2006.01) H04W 72/04 (2009.01) H04W 74/00 (2009.01)**

[25] EN

[54] **ENHANCED SUBCHANNEL SELECTIVE TRANSMISSION PROCEDURE**

[54] **PROCEDURE AMELIOREE POUR L'EMISSION SELECTIVE DE SOUS-CANAL**

[72] ASTERJADHI, ALFRED, US

[72] TIAN, BIN, US

[72] MERLIN, SIMONE, US

[72] JAFARIAN, AMIN, US

[71] QUALCOMM INCORPORATED, US

[85] 2016-04-04

[86] 2014-10-28 (PCT/US2014/062543)

[87] (WO2015/065953)

[30] US (61/896,634) 2013-10-28

[30] US (61/900,995) 2013-11-06

[30] US (14/525,085) 2014-10-27

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[21] **2,926,475**  
[13] A1

[51] **Int.Cl. H04N 21/231 (2011.01) H04N 21/234 (2011.01) H04N 21/4147 (2011.01)**

[25] EN

[54] **NETWORK PERSONAL VIDEO RECORDER SAVINGS WITH SCALABLE VIDEO CODING**

[54] **SAUVEGARDES D'UN ENREGISTREUR VIDEO PERSONNEL EN RESEAU AVEC CODAGE VIDEO A ECHELLE VARIABLE**

[72] PHILLIPS, CHRIS, US

[72] DASHER, CHARLES HAMMETT, US

[72] FORSMAN, ROBERT HAMMOND, US

[71] ERICSSON AB, SE

[85] 2016-04-05

[86] 2014-10-06 (PCT/IB2014/065094)

[87] (WO2015/052636)

[30] US (14/047,088) 2013-10-07

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[21] **2,926,472**  
[13] A1

[51] **Int.Cl. A61K 9/16 (2006.01)**

[25] EN

[54] **PROCESSES FOR PREPARING A SOLID POLYMER MATRIX CONTAINING A CORE MATERIAL BY PRESSURE CYCLING OF SUPERCRITICAL FLUID**

[54] **PROCEDES DE PREPARATION D'UNE MATRICE POLYMERE SOLIDE CONTENANT UNE SUBSTANCE DE CŒUR PAR APPLICATION D'UN CYCLE DE PRESSION AUDIT FLUIDE SUPERCRITIQUE**

[72] NAYLOR, ANDREW, GB

[72] WHITAKER, MARK ANDREW, GB

[72] ARROWSMITH, NICHOLAS JON, GB

[72] SCHWACH, GREGOIRE CHARLES JOSEPH, DK

[71] CRITICAL PHARMACEUTICALS LIMITED, GB

[85] 2016-04-05

[86] 2014-10-07 (PCT/GB2014/053024)

[87] (WO2015/052510)

[30] GB (1317756.3) 2013-10-08

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[21] **2,926,474**  
[13] A1

[51] **Int.Cl. G07B 15/00 (2011.01) G07C 9/00 (2006.01)**

[25] EN

[54] **FARE COLLECTION USING WIRELESS BEACONS**

[54] **PERCEPTION DE DROITS DE TRANSPORT A L'AIDE DE BALISES SANS FIL**

[72] ANDREWS, DAVID, US

[72] MONK, PAUL, GB

[72] MISTRY, PRADIP, US

[71] CUBIC CORPORATION, US

[85] 2016-04-04

[86] 2014-10-29 (PCT/US2014/062918)

[87] (WO2015/066191)

[30] US (61/897,002) 2013-10-29

[30] US (14/526,963) 2014-10-29

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[21] **2,926,476**  
[13] A1

[51] **Int.Cl. G09F 13/04 (2006.01) A47F 11/10 (2006.01) F21S 2/00 (2016.01) F21V 21/00 (2006.01) G09F 19/00 (2006.01) H01R 25/14 (2006.01)**

[25] EN

[54] **LIGHTING SYSTEM FOR GLASS SURFACES**

[54] **SYSTEME D'ECLAIRAGE POUR SURFACES DE VERRE**

[72] QUINONES VAZQUEZ, FLAVIA CECILIA, MX

[72] BASSEGODA TREVINO, JAIME, MX

[71] QUINONES VAZQUEZ, FLAVIA CECILIA, MX

[85] 2016-04-05

[86] 2015-08-14 (PCT/IB2015/056188)

[87] (WO2016/024250)

[30] MX (MX/u/2014/000406) 2014-08-14

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[21] **2,926,477**  
[13] A1

[51] **Int.Cl. H04W 88/16 (2009.01) H04W 80/00 (2009.01) H04W 92/10 (2009.01) G06K 7/10 (2006.01)**

[25] EN

[54] **WIRELESS PROTOCOL MESSAGE CONVERSION DEVICE AND METHODS OF USING THEREOF**

[54] **DISPOSITIF DE CONVERSION DE MESSAGE DE PROTOCOLE SANS FIL ET SES PROCEDE D'UTILISATION**

[72] MAOR, VADIM, IL

[71] WISE-SEC LTD., IL

[85] 2016-04-05

[86] 2014-10-12 (PCT/IL2014/050896)

[87] (WO2015/056263)

[30] US (61/891,964) 2013-10-17

[21] **2,926,478**  
[13] A1

[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/506 (2006.01) A61K 31/517 (2006.01) A61K 31/53 (2006.01) C07D 401/14 (2006.01) C07D 403/14 (2006.01) C07D 405/14 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01)**

[25] EN

[54] **RHO KINASE INHIBITORS**

[54] **INHIBITEURS DE RHO KINASE**

[72] POYUROVSKY, MASHA, US

[72] KIM, JI-IN, US

[72] LIU, KEVIN, US

[72] ZANIN-ZHOROV, ALEXANDRA, US

[71] KADMON CORPORATION, LLC, US

[85] 2016-04-05

[86] 2013-10-07 (PCT/US2013/063752)

[87] (WO2014/055996)

[30] US (61/710,373) 2012-10-05

[30] US (61/840,288) 2013-06-27

[21] **2,926,480**  
[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01) A61K 31/70 (2006.01) A61K 31/732 (2006.01) A61P 27/02 (2006.01)**

[25] EN

[54] **METHODS, COMPOSITIONS AND KITS FOR TREATING, MODULATING, OR PREVENTING OCULAR ANGIOGENESIS OR FIBROSIS IN A SUBJECT USING A GALECTIN PROTEIN INHIBITOR**

[54] **METHODES, COMPOSITIONS ET KITS DE TRAITEMENT, DE MODULATION OU DE PREVENTION DE L'ANGIOGENESE OU DE LA FIBROSE OCULAIRE CHEZ UN SUJET UTILISANT UN INHIBITEUR DE GALECTINE**

[72] PANJWANI, NOORJAHAN, US

[72] CHEN, WEI-SHENG, TW

[72] LEFFLER, HAKON, SE

[72] NILSSON, ULF, SE

[71] TUFTS UNIVERSITY, US

[71] GALECTO BIOTECH AB, DK

[85] 2016-04-05

[86] 2013-11-15 (PCT/US2013/070306)

[87] (WO2014/078655)

[30] US (61/726,998) 2012-11-15

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[21] **2,926,489**  
[13] A1

[51] **Int.Cl. E21B 47/007 (2012.01) E21B 49/08 (2006.01) G01V 1/40 (2006.01)**

[25] EN

[54] **VALIDATION OF CASED-HOLE ACOUSTIC TOOLS**

[54] **VALIDATION D'OUTILS ACOUSTIQUES DE Puits TUBES**

[72] PANG, XUEYU, US

[72] JONES, PAUL, US

[72] EPSTEIN, ROBERT ERIC, US

[72] GORDON, ZACHARY EDWARD, US

[72] MANDAL, BATAKRISHNA, US

[72] GILSTRAP, TATIANA, US

[72] JIMENEZ, WALMY CUELLO, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-04-05

[86] 2013-11-12 (PCT/US2013/069719)

[87] (WO2015/072976)

[21] **2,926,501**  
[13] A1

[51] **Int.Cl. A01G 1/00 (2006.01) A01G 7/00 (2006.01) D06N 5/00 (2006.01) E04D 11/00 (2006.01) E04D 13/04 (2006.01)**

[25] EN

[54] **GREEN ROOFING SUBSTRATE BRICK AND METHOD OF MAKING AND INSTALLING SAME**

[54] **BRIQUE DE SUBSTRAT POUR TOITURE VEGETALISEE ET PROCEDE DE FABRICATION ET D'INSTALLATION DE CELLE-CI**

[72] YURISTY, GREG, CA

[72] ZHENG, YOUBIN, CA

[71] UNIVERSITY OF GUELPH, CA

[85] 2016-01-13

[86] 2015-09-08 (PCT/CA2015/050866)

[87] (WO2016/037275)

[30] US (62/047,184) 2014-09-08

[21] **2,926,506**  
[13] A1

[51] **Int.Cl. H04N 19/136 (2014.01) H04N 19/186 (2014.01)**

[25] EN

[54] **ADAPTIVE INTER-COLOR COMPONENT RESIDUAL PREDICTION**

[54] **PREDICTION RESIDUELLE ADAPTATIVE DES COMPOSANTES DE COULEUR INTERMEDIAIRE**

[72] KIM, WOO-SHIK, US

[72] JOSHI, RAJAN LAXMAN, US

[72] PU, WEI, US

[72] SOLE ROJALS, JOEL, US

[72] CHEN, JIANLE, US

[72] KARCZEWICZ, MARTA, US

[71] QUALCOMM INCORPORATED, US

[85] 2016-04-05

[86] 2014-10-28 (PCT/US2014/062582)

[87] (WO2015/065979)

[30] US (61/896,580) 2013-10-28

[30] US (14/524,601) 2014-10-27

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[21] **2,926,508**  
[13] A1

[51] **Int.Cl. B60F 3/00 (2006.01) B60C 23/10 (2006.01) B60G 17/04 (2006.01) B60G 21/06 (2006.01)**

[25] EN

[54] **ALL-TERRAIN VEHICLE AND SUSPENSION FOR AN ALL-TERRAIN VEHICLE**

[54] **VEHICULE TOUT-TERRAIN ET SUSPENSION POUR CE VEHICULE**

[72] GARAGASHYAN, ALEKSEY, RU

[71] SAMOKHVALOV, SERGEI, UA

[85] 2016-04-05

[86] 2015-08-12 (PCT/IB2015/056131)

[87] (WO2016/030787)

[30] RU (2014135075) 2014-08-26

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[21] **2,926,510**  
[13] A1

[51] **Int.Cl. G06Q 50/30 (2012.01)**

[25] EN

[54] **NOTIFYING AN ADVERTISER OF HIGH ENGAGEMENT POSTS IN A SOCIAL NETWORKING SYSTEM**

[54] **NOTIFICATION A UN ANNONCEUR D'ARTICLES A FORTE INTERACTION DANS UN SYSTEME DE RESEAUX SOCIAUX**

[72] PIEPGRASS, BRIAN, US

[72] DE OLIVEIRA, ATOL FORTIN, US

[72] JIANG, BIN, US

[72] GOLDMAN, SIMON, US

[71] FACEBOOK, INC., US

[85] 2016-04-05

[86] 2014-10-29 (PCT/US2014/062987)

[87] (WO2015/066230)

[30] US (14/070,349) 2013-11-01

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[21] **2,926,511**  
[13] A1

[51] **Int.Cl. H01R 13/641 (2006.01) B23P 19/00 (2006.01) B23P 21/00 (2006.01) G06F 3/01 (2006.01) G10K 15/04 (2006.01) H01R 43/26 (2006.01)**

[25] EN

[54] **CONNECTOR MATING ASSURANCE SYSTEM AND METHOD**

[54] **PROCEDE ET SYSTEME D'ASSURANCE DE COUPLAGE DE CONNECTEUR**

[72] FRY, CHARLES DAVID, US

[72] MAALOUF, KHALIL JOHN, US

[72] SHOCKET, ABRAHAM LOUIS, US

[71] TYCO ELECTRONICS CORPORATION, US

[85] 2016-04-05

[86] 2014-09-24 (PCT/US2014/057085)

[87] (WO2015/053936)

[30] US (14/047,669) 2013-10-07

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[21] **2,926,512**  
[13] A1

[51] **Int.Cl. C07D 211/06 (2006.01)**

[25] EN

[54] **POLYMERIZABLE RESINS CONTAINING A 1,3,5-HEXAHYDRO-1,3,5-TRIAZINE MOIETY, METHODS OF MAKING, AND DENTAL COMPOSITIONS CONTAINING THE SAME**

[54] **RESINES POLYMERISABLES CONTENANT UNE FRACTION 1,3,5-HEXAHYDRO-1,3,5-TRIAZINE, PROCEDES DE PRODUCTION, ET COMPOSITIONS DENTAIRES LES CONTENANT**

[72] JIN, XIAOMING, US

[71] DENTSPLY INTERNATIONAL INC., US

[85] 2016-04-05

[86] 2014-10-30 (PCT/US2014/063026)

[87] (WO2015/066254)

[30] US (61/897,247) 2013-10-30

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[21] **2,926,513**  
[13] A1

[51] **Int.Cl. H01M 4/90 (2006.01) B01J 23/89 (2006.01) B01J 27/13 (2006.01) H01M 4/86 (2006.01) H01M 4/92 (2006.01) H01M 8/02 (2016.01) H01M 8/10 (2016.01)**

[25] EN

[54] **ELECTRODE CATALYST, COMPOSITION FOR FORMING GAS DIFFUSION ELECTRODE, GAS DIFFUSION ELECTRODE, MEMBRANE-ELECTRODE ASSEMBLY, AND FUEL CELL STACK**

[54] **CATALYSEUR POUR ELECTRODE, COMPOSITION DE FORMATION D'ELECTRODE A DIFFUSION GAZEUSE, ELECTRODE A DIFFUSION GAZEUSE, ENSEMBLE FILM-ELECTRODE, ET EMPILEMENT DE PILES A COMBUSTIBLE**

[72] NAGAMORI, KIYOTAKA, JP

[72] MIZUSAKI, TOMOTERU, JP

[72] NAKAMURA, YOKO, JP

[72] TSUBAKI, TAKUYA, JP

[72] IGARASHI, HIROSHI, JP

[72] SEKI, YASUHIRO, JP

[71] N.E. CHEMCAT CORPORATION, JP

[85] 2016-03-14

[86] 2015-03-27 (PCT/JP2015/059813)

[87] (WO2015/147311)

[30] JP (2014-070629) 2014-03-28

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[21] **2,926,514**  
[13] A1

[51] **Int.Cl. H04W 76/02 (2009.01) H04W 84/12 (2009.01)**

[25] EN

[54] **MAXIMUM AWAY DURATION**

[54] **DUREE DE PERIODE D'ELOIGNEMENT MAXIMUM**

[72] JAFARIAN, AMIN, US

[71] QUALCOMM INCORPORATED, US

[85] 2016-04-05

[86] 2014-10-31 (PCT/US2014/063361)

[87] (WO2015/066436)

[30] US (61/898,414) 2013-10-31

[30] US (14/528,850) 2014-10-30

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[21] **2,926,515**  
[13] A1  
[51] **Int.Cl. A61K 9/16 (2006.01) A61K 31/5575 (2006.01) A61K 47/10 (2006.01) A61K 47/34 (2006.01)**  
[25] EN  
[54] **PROSTAMIDE-CONTAINING INTRAOCULAR IMPLANTS AND METHODS OF USE THEREOF**  
[54] **IMPLANTS INTRAOCULAIRES CONTENANT UN PROSTAMIDE ET LEURS PROCÉDES D'UTILISATION**  
[72] GHEBREMESEKEL, ALAZAR N., US  
[72] ROBINSON, MICHAEL R., US  
[71] ALLERGAN, INC., US  
[85] 2016-04-05  
[86] 2014-10-31 (PCT/US2014/063569)  
[87] (WO2015/066548)  
[30] US (61/898,241) 2013-10-31

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[21] **2,926,516**  
[13] A1  
[51] **Int.Cl. G06F 3/048 (2013.01)**  
[25] EN  
[54] **POSITIONING OF COMPONENTS IN A USER INTERFACE**  
[54] **POSITIONNEMENT DE COMPOSANTS DANS UNE INTERFACE D'UTILISATEUR**  
[72] MATAS, MICHAEL, US  
[72] WALKIN, BRANDON MARSHALL, US  
[71] FACEBOOK, INC., US  
[85] 2016-04-05  
[86] 2014-10-09 (PCT/US2014/059858)  
[87] (WO2015/054470)  
[30] US (14/051,326) 2013-10-10

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[13] A1  
[51] **Int.Cl. C12N 5/00 (2006.01) C12N 5/071 (2010.01) C12N 5/16 (2006.01) G01N 33/50 (2006.01)**  
[25] EN  
[54] **NEW MEDIUM FOR HIGH PERFORMANCE MAMMALIAN FED-BATCH CULTURES**  
[54] **NOUVEAU MILIEU POUR CULTURES EN ALIMENTATION PROGRAMMÉE DE CELLULES MAMMALIENNES A HAUT RENDEMENT**  
[72] BROLY, HERVE, CH  
[72] STETTLER, MATTHIEU, CH  
[72] JORDAN, MARTIN, CH  
[72] PERILLEUX, ARNAUD, CH  
[72] ROUILLER, YOLANDE, CH  
[71] ARES TRADING S.A., CH  
[85] 2016-04-06  
[86] 2014-04-03 (PCT/EP2014/056650)  
[87] (WO2015/055324)  
[30] US (61/890,807) 2013-10-14

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[13] A1  
[51] **Int.Cl. F41B 11/89 (2013.01) F41B 11/66 (2013.01) A63H 27/14 (2006.01) F41B 11/00 (2013.01)**  
[25] EN  
[54] **INDEXING PNEUMATIC LAUNCHER FOR MULTIPLE TOY ROCKET PROJECTILES**  
[54] **LANCEUR PNEUMATIQUE A INDEXATION POUR PLUSIEURS PROJECTILES-FUSEES JOUETS**  
[72] CUMMINGS, PETER, CN  
[71] KMA CONCEPTS LIMITED, CN  
[85] 2016-04-05  
[86] 2014-10-13 (PCT/US2014/060316)  
[87] (WO2015/057590)  
[30] US (14/053,746) 2013-10-15

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[21] **2,926,519**  
[13] A1  
[51] **Int.Cl. C09J 4/06 (2006.01) C08K 5/00 (2006.01) C09J 133/06 (2006.01)**  
[25] EN  
[54] **REACTIVE 2-COMPONENT ADHESIVE SYSTEM**  
[54] **SYSTEME D'ADHESIF REACTIF BICOMPOSANT**  
[72] SCHUMANN, UWE, DE  
[72] ELLRINGMANN, KAI, DE  
[72] NGUYEN, DUC HUNG, DE  
[72] PRADIER, CLEMENTINE, FR  
[71] TESA SE, DE  
[85] 2016-04-06  
[86] 2014-10-02 (PCT/EP2014/071172)  
[87] (WO2015/062809)  
[30] DE (10 2013 222 278.5) 2013-11-01

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[21] **2,926,522**  
[13] A1  
[51] **Int.Cl. C08F 10/02 (2006.01) C08F 4/6592 (2006.01) C08F 210/16 (2006.01)**  
[25] EN  
[54] **CATALYST SYSTEM**  
[54] **SYSTEME DE CATALYSEUR**  
[72] BERTHOUD, ALEXANDRA, BE  
[72] VAN DOREMAELE, GERARDUS HENRICUS JOSEPHUS, NL  
[72] QUIROGA NORAMBUENA, VICTOR, BE  
[72] SCOTT, RICHARD THOMAS WILLIAM, NL  
[71] ARLANXEO NETHERLANDS B.V., NL  
[85] 2016-04-06  
[86] 2014-10-07 (PCT/EP2014/071438)  
[87] (WO2015/052184)  
[30] EP (13187513.0) 2013-10-07

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[13] A1  
[51] **Int.Cl. C12N 15/90 (2006.01) A61K 39/104 (2006.01) C12N 5/10 (2006.01) C12N 15/70 (2006.01)**  
[25] EN  
[54] **METHODS OF HOST CELL MODIFICATION**  
[54] **METHODES DE MODIFICATION DE CELLULE HOTE**  
[72] WACKER, MICHAEL, CH  
[72] KOWARIK, MICHAEL, CH  
[72] FERNANDEZ, FABIANA, CH  
[71] GLYCOVAXYN AG, CH  
[85] 2016-04-06  
[86] 2014-10-13 (PCT/EP2014/071889)  
[87] (WO2015/052344)  
[30] US (61/889,672) 2013-10-11

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[13] A1

[51] **Int.Cl. C07D 233/64 (2006.01) A61K 31/4164 (2006.01) A61K 31/4439 (2006.01) A61P 39/00 (2006.01) C07D 401/06 (2006.01)**

[25] EN

[54] **CATALYTIC SCAVENGERS OF ORGANOPHOSPHATES TO POTENTIATE BUTYRYLCHOLINESTERASE (HBCHE)**

[54] **PIEGEURS CATALYTIQUES D'ORGANOPHOSPHATES POUR POTENTIALISER LA BUTYRYLCHOLINESTERASE (HBCHE)**

[72] TAYLOR, PALMER, US

[72] RADIC, ZORAN, US

[72] FOKIN, VALERY, US

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[71] THE SCRIPPS RESEARCH INSTITUTE, US

[85] 2016-04-05

[86] 2014-10-15 (PCT/US2014/060666)

[87] (WO2015/057822)

[30] US (61/891,315) 2013-10-15

[21] **2,926,526**  
[13] A1

[51] **Int.Cl. H01L 31/048 (2014.01)**

[25] EN

[54] **PHOTOVOLTAIC PANEL AND METHOD FOR PRODUCING SAME**

[54] **PANNEAU PHOTOVOLTAIQUE ET SON PROCEDE DE FABRICATION**

[72] DRIES, CHRISTIAN, AT

[72] ZIPPER, MANFRED, AT

[72] KRASNIK, BORIS, AT

[72] HARTER, JOHANN, DE

[71] DAS ENERGY GMBH, AT

[85] 2016-04-07

[86] 2014-10-16 (PCT/EP2014/072179)

[87] (WO2015/055750)

[30] EP (13189147.5) 2013-10-17

[21] **2,926,527**  
[13] A1

[51] **Int.Cl. G01N 33/48 (2006.01) C12N 5/078 (2010.01) C12Q 1/02 (2006.01) G01N 1/28 (2006.01)**

[25] EN

[54] **EXTRACELLULAR MITOCHONDRIAL COMPONENTS FOR DETECTING INFLAMMATORY REACTIONS AND CONDITIONS**

[54] **COMPOSANTS MITOCHONDRIAUX EXTRACELLULAIRES POUR DETECTION DE REACTIONS ET D'ETATS INFLAMMATOIRES**

[72] BOILARD, ERIC, CA

[72] BOUDREAU, LUC, CA

[72] THIBAUT, LOUIS, CA

[72] GELB, MICHAEL HERMAN, US

[71] UNIVERSITE LAVAL, CA

[71] HEMA QUEBEC, CA

[71] UNIVERSITY OF WASHINGTON, US

[85] 2016-04-04

[86] 2014-10-10 (PCT/CA2014/050984)

[87] (WO2015/051466)

[30] US (61/889,798) 2013-10-11

[21] **2,926,528**  
[13] A1

[51] **Int.Cl. B65D 75/00 (2006.01) B65B 1/02 (2006.01) B65B 3/02 (2006.01) B65B 5/02 (2006.01) B65B 31/04 (2006.01) B65D 30/10 (2006.01) B65D 33/02 (2006.01) B65D 75/20 (2006.01) B65D 75/52 (2006.01) B65D 75/54 (2006.01) B65D 75/56 (2006.01) B65D 75/58 (2006.01) B65D 81/03 (2006.01)**

[25] EN

[54] **FLEXIBLE CONTAINERS AND METHODS OF MAKING THE SAME**

[54] **RECIPIENTS SOUPLES ET PROCEDES DE FABRICATION CORRESPONDANTS**

[72] BOURGEOIS, MARC RICHARD, US

[72] ISHIHARA, TADAYOSHI, US

[72] LESTER, JOSEPH CRAIG, US

[72] CLARE, BENJAMIN JACOB, US

[72] YOU, JUN, US

[72] STANLEY, SCOTT KENDYL, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2016-04-04

[86] 2014-11-06 (PCT/US2014/064209)

[87] (WO2015/069821)

[30] US (61/900,805) 2013-11-06

[21] **2,926,529**  
[13] A1

[51] **Int.Cl. A61B 6/00 (2006.01) A61B 6/12 (2006.01)**

[25] EN

[54] **TRACKING SYSTEM FOR IMAGING MACHINES AND RELATED APPARATUS**

[54] **SYSTEME DE POURSUITE POUR MACHINES D'IMAGERIE ET APPAREIL ASSOCIE**

[72] AMIRI, SHAHRAM, CA

[71] TORUS BIOMEDICAL SOLUTIONS INC., CA

[85] 2016-04-05

[86] 2014-10-10 (PCT/CA2014/050986)

[87] (WO2015/051468)

[30] US (61/889,473) 2013-10-10

[21] **2,926,530**  
[13] A1

[51] **Int.Cl. C08B 37/16 (2006.01) C08K 7/22 (2006.01)**

[25] EN

[54] **A PROCESS FOR PREPARING A MICROPOROUS CARBON MATERIAL AND ITS USE AS ABSORPTION PRODUCT**

[54] **PROCEDE DE PREPARATION D'UN MATERIAU DE CARBONE MICROPOREUX ET SON UTILISATION EN TANT QUE PRODUIT D'ABSORPTION**

[72] TROTTA, FRANCESCO, IT

[72] CALDERA, FABRIZIO, IT

[72] ZANETTI, MARCO, IT

[72] ANCESCHI, ANASTASIA, IT

[72] MAGNACCA, GIULIANA, IT

[71] ROQUETTE ITALIA S.P.A., IT

[85] 2016-04-06

[86] 2014-10-15 (PCT/EP2014/072142)

[87] (WO2015/055729)

[30] IT (TO2013A000831) 2013-10-15

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[21] **2,926,531**  
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01)**  
[25] EN  
[54] **CARDIAC PROSTHESES AND THEIR DEPLOYMENT**  
[54] **PROTHESES CARDIAQUES ET LEUR DEPLOIEMENT**  
[72] KEREN, GAD, IL  
[71] MEDICAL RESEARCH, INFRASTRUCTURE AND HEALTH SERVICES FUND OF THE TEL AVIV MEDICAL CENTER, IL  
[85] 2016-04-05  
[86] 2014-10-08 (PCT/IB2014/065147)  
[87] (WO2015/052663)  
[30] US (61/888,048) 2013-10-08

[21] **2,926,532**  
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/12 (2006.01)**  
[25] EN  
[54] **A MEDICAL IMPLANT FOR OCCLUDING AN OPENING IN A BODY AND A METHOD OF PRODUCING SUCH A MEDICAL IMPLANT**  
[54] **IMPLANT MEDICAL POUR OCCLURE UNE OUVERTURE DANS UN CORPS ET PROCEDE DE PRODUCTION D'UN TEL IMPLANT MEDICAL**  
[72] NIELSEN, STEVAN, DE  
[71] OCCLUTECH HOLDING AG, CH  
[85] 2016-04-05  
[86] 2014-10-07 (PCT/EP2014/071419)  
[87] (WO2015/052172)  
[30] EP (13187614.6) 2013-10-07  
[30] US (61/887,515) 2013-10-07

[21] **2,926,533**  
[13] A1

[51] **Int.Cl. A61J 3/00 (2006.01)**  
[25] EN  
[54] **MEDICINE FILLING APPARATUS**  
[54] **DISPOSITIF DE REMPLISSAGE DE MEDICAMENT**  
[72] TAKAHAMA, MAKIO, JP  
[72] KANEMOTO, HIROTSUGU, JP  
[71] TAKAZONO TECHNOLOGY INCORPORATED, JP  
[85] 2016-04-05  
[86] 2013-10-09 (PCT/JP2013/077469)  
[87] (WO2015/052793)

[21] **2,926,534**  
[13] A1

[51] **Int.Cl. C12N 5/00 (2006.01) A01H 1/00 (2006.01) C07H 21/04 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01) C12N 15/87 (2006.01)**  
[25] EN  
[54] **A UNIVERSAL DONOR SYSTEM FOR GENE TARGETING**  
[54] **SYSTEME DONNEUR UNIVERSEL POUR LE CIBLAGE DE GENES**  
[72] SASTRY-DENT, LAKSHMI, US  
[72] EVANS, STEVEN L., US  
[72] BLUE, RYAN C., US  
[72] CAO, ZEHUI, US  
[71] DOW AGROSCIENCES LLC, US  
[85] 2016-04-05  
[86] 2014-11-03 (PCT/US2014/063732)  
[87] (WO2015/066637)  
[30] US (61/899,543) 2013-11-04

[21] **2,926,535**  
[13] A1

[51] **Int.Cl. A61K 49/00 (2006.01)**  
[25] EN  
[54] **METHOD FOR DIAGNOSING GLUTEN SENSITIVITY AND USES THEREOF**  
[54] **PROCEDE DE DIAGNOSTIC DE SENSIBILITE AU GLUTEN ET SES UTILISATIONS**  
[72] ELLI, LUCA, IT  
[72] TOMBA, CAROLINA, IT  
[72] RONCORONI, LEDA, IT  
[72] BARDELLA, MARIA TERESA, IT  
[71] FONDAZIONE IRCCS "CA' GRANDA - OSPEDALE MAGGIORE POLICLINICO", IT  
[85] 2016-04-05  
[86] 2013-10-28 (PCT/IB2013/059721)  
[87] (WO2014/076602)  
[30] IT (MI2012A001932) 2012-11-15

[21] **2,926,536**  
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) C12N 5/04 (2006.01) C12N 5/10 (2006.01) C12N 15/87 (2006.01)**  
[25] EN  
[54] **OPTIMAL SOYBEAN LOCI**  
[54] **LOCI DE SOJA OPTIMAUX**  
[72] SASTRY-DENT, LAKSHMI, US  
[72] CAO, ZEHUI, US  
[72] SRIRAM, SHREEDHARAN, US  
[72] WEBB, STEVEN R., US  
[72] CAMPER, DEBRA L., US  
[72] AINLEY, MICHAEL W., US  
[71] DOW AGROSCIENCES LLC, US  
[85] 2016-04-05  
[86] 2014-11-03 (PCT/US2014/063739)  
[87] (WO2015/066643)  
[30] US (61/899,602) 2013-11-04

[21] **2,926,537**  
[13] A1

[51] **Int.Cl. H04W 56/00 (2009.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR MOBILE DEVICE CLOCK MANAGEMENT**  
[54] **PROCEDES ET SYSTEMES DE GESTION D'HORLOGE DE DISPOSITIF MOBILE**  
[72] FARMER, DOMINIC GERARD, US  
[72] WU, JIE, US  
[72] MORRISON, WILLIAM JAMES, US  
[72] LIN, TONG, US  
[72] RAO, KRISHNARANJAN S., US  
[71] QUALCOMM INCORPORATED, US  
[85] 2016-04-05  
[86] 2014-11-03 (PCT/US2014/063756)  
[87] (WO2015/066653)  
[30] US (61/899,791) 2013-11-04  
[30] US (14/503,233) 2014-09-30

[21] **2,926,538**  
[13] A1

[51] **Int.Cl. A61J 3/00 (2006.01)**  
[25] EN  
[54] **MEDICINE FILLING APPARATUS**  
[54] **DISPOSITIF DE REMPLISSAGE DE MEDICAMENT**  
[72] TAKAHAMA, MAKIO, JP  
[72] KANEMOTO, HIROTSUGU, JP  
[71] TAKAZONO TECHNOLOGY INCORPORATED, JP  
[85] 2016-04-05  
[86] 2013-10-09 (PCT/JP2013/077471)  
[87] (WO2015/052794)

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[21] **2,926,539**  
[13] A1

[51] **Int.Cl. A61N 5/06 (2006.01)**  
[25] EN  
[54] **SLEEP MASK THAT INCORPORATES LIGHT TO REGULATE UTERINE CONTRACTIONS**  
[54] **MASQUE DE SOMMEIL QUI COMPREND DE LA LUMIERE POUR REGULER LES CONTRACTIONS UTERINES**  
[72] OLCESE, JAMES, US  
[71] THE FLORIDA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US  
[85] 2016-04-05  
[86] 2014-11-04 (PCT/US2014/063877)  
[87] (WO2015/073259)  
[30] US (61/903,497) 2013-11-13

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[21] **2,926,540**  
[13] A1

[51] **Int.Cl. A61J 3/00 (2006.01) B65G 65/48 (2006.01)**  
[25] EN  
[54] **MEDICINE FILLING APPARATUS DISPOSITIF DE REMPLISSAGE DE MEDICAMENT**  
[72] TAKAHAMA, MAKIO, JP  
[72] KANEMOTO, HIROTSUGU, JP  
[71] TAKAZONO TECHNOLOGY INCORPORATED, JP  
[85] 2016-04-05  
[86] 2013-10-09 (PCT/JP2013/077479)  
[87] (WO2015/052797)

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[21] **2,926,541**  
[13] A1

[51] **Int.Cl. E03F 5/22 (2006.01)**  
[25] EN  
[54] **METHOD FOR SETTING UP A WASTEWATER PUMPING STATION IN A WASTEWATER SHAFT, AND ASSOCIATED WASTEWATER PUMPING STATION**  
[54] **PROCEDE DE CONSTRUCTION D'UNE INSTALLATION DE RELEVAGE D'EAUX USEES DANS UN Puits D'EGOUT ET INSTALLATION DE RELEVAGE D'EAUX USEES CORRESPONDANTE**  
[72] BECKER, MICHAEL, DE  
[72] LUDEMANN, SEBASTIAN, DE  
[71] KSB AKTIENGESELLSCHAFT, DE  
[85] 2016-04-06  
[86] 2014-10-16 (PCT/EP2014/072177)  
[87] (WO2015/055749)  
[30] DE (10 2013 221 065.5) 2013-10-17

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[21] **2,926,542**  
[13] A1

[51] **Int.Cl. B23K 20/12 (2006.01)**  
[25] EN  
[54] **FRICTION STIR WELDING APPARATUS AND METHOD OF MANUFACTURING METAL STRUCTURE**  
[54] **DISPOSITIF DE SOUDAGE PAR FRICTION-MALAXAGE ET PROCEDE DE FABRICATION DE STRUCTURE METALLIQUE**  
[72] NISHIDA, HIDEHITO, JP  
[72] YOSHIKAWA, SYUHEI, JP  
[72] KAMIMUKI, KENICHI, JP  
[72] OKADA, HIDEKI, JP  
[72] ORIBE, HIROKI, JP  
[71] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP  
[85] 2016-04-05  
[86] 2014-10-01 (PCT/JP2014/005023)  
[87] (WO2015/064012)  
[30] JP (2013-228635) 2013-11-01

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[21] **2,926,543**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G06Q 30/00 (2012.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR MANAGING SHIPMENT OF AN ITEM USING A WIRELESS NODE NETWORK**  
[54] **PROCEDES ET SYSTEMES PERMETTANT DE GERER L'EXPEDITION D'UN ARTICLE A L'AIDE D'UN RESEAU DE NOEUDS SANS FIL**  
[72] SKAAKSRUD, OLE-PETTER, US  
[72] HOLLAHAN, TERENCE, US  
[72] BENTON, STEVEN, US  
[71] FEDEX CORPORATE SERVICES, INC., US  
[85] 2016-04-05  
[86] 2014-11-07 (PCT/US2014/064501)  
[87] (WO2015/099890)  
[30] US (61/910,202) 2013-11-29  
[30] US (14/446,357) 2014-07-30

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[21] **2,926,544**  
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4375 (2006.01) A61K 31/4545 (2006.01) A61P 3/10 (2006.01)**  
[25] EN  
[54] **ANTAGONISTS OF SOMATOSTATIN RECEPTOR SUBTYPE 5 (SSTR5)**  
[54] **ANTAGONISTES DE RECEPTEUR DE LA SOMATOSTATINE DE SOUS-TYPE 5 (SSTR5)**  
[72] KASAI, SHIZUO, JP  
[72] HIROSE, HIDEKI, JP  
[72] YAMASAKI, TAKESHI, JP  
[72] YAMASHITA, TOHRU, JP  
[72] KINA, ASATO, JP  
[72] NISHIKAWA, YOICHI, JP  
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP  
[85] 2016-04-05  
[86] 2014-10-06 (PCT/JP2014/005075)  
[87] (WO2015/052910)  
[30] JP (2013-209826) 2013-10-07

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[21] **2,926,545**  
[13] A1

[51] **Int.Cl. C09K 8/08 (2006.01) C09K 8/26 (2006.01)**

[25] EN

[54] **REUSABLE HIGH PERFORMANCE WATER BASED DRILLING FLUIDS**

[54] **FLUIDES DE FORAGE AQUEUX HAUTE PERFORMANCE REUTILISABLES**

[72] MISINO, CESAR, US

[72] LEONI, LUC, US

[72] LU, SHAOHUA, US

[72] CURTIS, GASTON W., US

[71] LUBRIZOL OILFIELD SOLUTIONS, INC., US

[85] 2016-04-05

[86] 2014-10-07 (PCT/IB2014/065110)

[87] (WO2015/052644)

[30] US (61/888,325) 2013-10-08

[30] US (14/506,137) 2014-10-03

[21] **2,926,546**  
[13] A1

[51] **Int.Cl. A46B 11/00 (2006.01) A46B 7/04 (2006.01)**

[25] EN

[54] **ORAL CARE IMPLEMENT**

[54] **ACCESSOIRE POUR SOINS BUCCO-DENTAIRE**

[72] JIMENEZ, EDUARDO JESUS, US

[72] FATTORI, JOSEPH E., US

[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2016-04-05

[86] 2014-11-10 (PCT/US2014/064718)

[87] (WO2015/084545)

[30] US (PCT/US13/73412) 2013-12-05

[21] **2,926,547**  
[13] A1

[51] **Int.Cl. F01K 25/06 (2006.01) F01K 25/08 (2006.01)**

[25] EN

[54] **DEVICE FOR OIL SEPARATION AND REMOVAL FROM AN ORGANIC WORKING FLUID**

[54] **DISPOSITIF POUR SEPARER ET ELIMINER DE L'HUILE D'UN FLUIDE DE TRAVAIL ORGANIQUE**

[72] BINI, ROBERTO, IT

[72] BERTANZI, ROBERTO, IT

[71] TURBODEN SRL, IT

[85] 2016-04-05

[86] 2014-10-07 (PCT/IB2014/065120)

[87] (WO2015/052652)

[30] IT (BS2013A000143) 2013-10-11

[21] **2,926,548**  
[13] A1

[51] **Int.Cl. A61F 11/00 (2006.01) G10K 11/26 (2006.01)**

[25] EN

[54] **AUDITORY SENSITIVITY ADJUSTMENT DEVICE**

[54] **DISPOSITIF DE REGULATION DE LA SENSIBILITE AUDITIVE**

[72] KUMAGAWA, YOSUKE, JP

[71] KUMAGAWA, YOSUKE, JP

[85] 2016-04-05

[86] 2014-10-17 (PCT/JP2014/077657)

[87] (WO2015/056773)

[30] JP (2013-216040) 2013-10-17

[21] **2,926,549**  
[13] A1

[51] **Int.Cl. A01N 25/02 (2006.01) A01N 25/30 (2006.01)**

[25] EN

[54] **HIGHLY CONCENTRATED LIQUID FORMS OF POLYSACCHARIDE ETHERS**

[54] **FORMES LIQUIDES TRES CONCENTREES D'ETHERS DE POLYSACCHARIDE**

[72] WESTBYE, PETER, SE

[72] YUAN-HUFFMAN, QINGWEN WENDY, US

[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL

[85] 2016-04-06

[86] 2014-10-20 (PCT/EP2014/072385)

[87] (WO2015/059064)

[30] US (61/894,103) 2013-10-22

[30] EP (13194847.3) 2013-11-28

[21] **2,926,550**  
[13] A1

[51] **Int.Cl. C10K 3/02 (2006.01) B01J 23/74 (2006.01) C10G 2/00 (2006.01) C10G 3/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR PRODUCING A HYDROCARBON FRACTION AND A HYDROCARBON FRACTION AND ITS USE**

[54] **PROCEDE ET APPAREIL POUR OBTENIR UNE FRACTION D'HYDROCARBURES ET FRACTION D'HYDROCARBURES ET SON UTILISATION**

[72] REINIKAINEN, MATTI, FI

[72] SIMELL, PEKKA, FI

[71] TEKNOLOGIAN TUTKIMUSKESKUS VTT, FI

[85] 2016-04-05

[86] 2014-10-09 (PCT/FI2014/050766)

[87] (WO2015/052379)

[30] FI (20136010) 2013-10-10

[21] **2,926,551**  
[13] A1

[51] **Int.Cl. E21B 33/127 (2006.01)**

[25] EN

[54] **SLANT-DRILLED VALVE COLLAR**

[54] **COLLIER DE SOUPEPE DE FORAGE OBLIQUE**

[72] DINKEL, JEFF, US

[71] TAM INTERNATIONAL, INC., US

[85] 2016-04-05

[86] 2014-11-24 (PCT/US2014/067120)

[87] (WO2015/077703)

[30] US (61/908,515) 2013-11-25

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[21] **2,926,552**  
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A01N 43/90 (2006.01)**

[25] EN

[54] **HERBICIDAL 3-(2-BENZYLOXYPHENYL)-2,4-DIHYDROXY-1,8-NAPHTHYRIDINE DERIVATIVES**

[54] **DERIVES HERBICIDES DE 3-(2-BENZYLOXYPHENYL)-2,4-DIHYDROXY-1,8-NAPHTHYRIDINE**

[72] SHANAHAN, STEPHEN EDWARD, GB

[72] HENNESSY, ALAN JOSEPH, GB

[72] O'RIORDAN, TIMOTHY JEREMIAH CORNELIUS, GB

[72] BURTON, PAUL MATTHEW, GB

[71] SYNGENTA LIMITED, GB

[85] 2016-04-06

[86] 2014-10-24 (PCT/EP2014/072831)

[87] (WO2015/062984)

[30] GB (1319411.3) 2013-11-01

[21] **2,926,553**  
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/62 (2006.01) B01D 53/73 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR REMOVING CARBON DIOXIDE FROM FLUE GAS**

[54] **PROCEDE ET APPAREIL DE RETRAIT DU DIOXYDE DE CARBONE DANS DES GAZ DE CARNEAU**

[72] REID, TERENCE, AU

[71] REID SYSTEMS (AUSTRALIA) PTY LTD, AU

[85] 2016-04-06

[86] 2014-10-07 (PCT/AU2014/000958)

[87] (WO2015/051400)

[30] AU (2013903852) 2013-10-07

[21] **2,926,554**  
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 31/52 (2006.01) A61K 31/522 (2006.01) A61K 47/02 (2006.01)**

[25] EN

[54] **NASAL COMPOSITIONS STIMULATING CILIARY ACTIVITY**

[54] **COMPOSITIONS NASALES STIMULANT L'ACTIVITE CILIAIRE**

[72] MERKUS, FRANCISCUS WILHELMUS HENRICUS MARIA, BE

[72] MERKUS, BART, NL

[71] INNOTESTO BVBA, BE

[71] VERAMED B.V, NL

[85] 2016-04-06

[86] 2014-10-30 (PCT/EP2014/073400)

[87] (WO2015/063239)

[30] NL (1040474) 2013-10-31

[21] **2,926,555**  
[13] A1

[51] **Int.Cl. A61F 9/007 (2006.01)**

[25] EN

[54] **OPHTHALMIC SURGICAL SYSTEMS, METHODS, AND DEVICES**

[54] **SYSTEMES, METHODES ET DISPOSITIFS CHIRURGICAUX OPHTALMIQUES**

[72] BRENNAN, JEFF, US

[72] HUMAYUN, MARK, US

[71] ALCON PHARMACEUTICALS LTD., CH

[85] 2016-04-05

[86] 2014-11-26 (PCT/US2014/067717)

[87] (WO2015/081262)

[30] US (61/910,112) 2013-11-28

[30] US (61/924,164) 2014-01-06

[30] US (61/990,021) 2014-05-07

[21] **2,926,557**  
[13] A1

[51] **Int.Cl. D03D 1/00 (2006.01) D03D 11/00 (2006.01) D03D 15/00 (2006.01)**

[25] EN

[54] **ABRASION RESISTANT FABRIC**

[54] **TISSU RESISTANT A L'ABRASION**

[72] HENSSEN, GIOVANNI JOSEPH IDA, NL

[72] BAGORDO, GUELFO VALERIO, NL

[72] BERTO, FLAVIO, NL

[71] DSM IP ASSETS B.V., NL

[85] 2016-04-06

[86] 2014-11-04 (PCT/EP2014/073699)

[87] (WO2015/071133)

[30] EP (13192506.7) 2013-11-12

[21] **2,926,558**  
[13] A1

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

[25] EN

[54] **SYSTEMS AND METHODS FOR LINKING DEVICES TO USER ACCOUNTS**

[54] **SYSTEMES ET PROCEDES POUR RELIER DES DISPOSITIFS A DES COMPTE D'UTILISATEUR**

[72] HUANG, ENYANG, US

[72] GRAYLIN, WILLIAM WANG, US

[71] SAMSUNG PAY, INC., US

[85] 2016-04-05

[86] 2015-05-22 (PCT/US2015/032110)

[87] (WO2015/179726)

[30] US (14/286,248) 2014-05-23

[21] **2,926,560**  
[13] A1

[51] **Int.Cl. C07K 14/725 (2006.01) A61K 35/14 (2015.01) C07K 14/705 (2006.01)**

[25] EN

[54] **CHIMERIC ANTIGEN RECEPTOR**

[54] **RECEPTEUR D'ANTIGENE CHIMERIQUE**

[72] PULE, MARTIN, GB

[72] YONG, KWEE, GB

[72] LEE, LYDIA, GB

[72] DRAPER, BEN, GB

[71] UCL BUSINESS PLC, GB

[85] 2016-04-06

[86] 2014-10-10 (PCT/GB2014/053058)

[87] (WO2015/052538)

[30] GB (1317929.6) 2013-10-10

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[21] **2,926,561**  
[13] A1

[51] **Int.Cl. G06Q 50/18 (2012.01)**  
[25] EN  
[54] **COMPUTER SYSTEM AND METHOD FOR PROVIDING A MULTI-USER TRANSACTION PLATFORM ACCESSIBLE USING A MOBILE DEVICE**

[54] **SYSTEME INFORMATIQUE ET PROCEDE PERMETTANT DE FOURNIR UNE PLATEFORME DE TRANSACTION MULTI-UTILISATEURS ACCESSIBLE AU MOYEN D'UN DISPOSITIF MOBILE**

[72] BAIC, MILAN, CA  
[71] DEALTAP GROUP INC., CA  
[85] 2016-04-05  
[86] 2014-10-07 (PCT/CA2014/000729)  
[87] (WO2015/051445)  
[30] US (61/887,702) 2013-10-07  
[30] CA (2,829,469) 2013-10-07  
[30] US (62/045,678) 2014-09-04

[21] **2,926,564**  
[13] A1

[51] **Int.Cl. C23C 2/06 (2006.01) C23C 2/12 (2006.01) C23C 2/26 (2006.01)**  
[25] FR  
[54] **SHEET METAL HAVING A ZNAIMG COATING AND IMPROVED FLEXIBILITY AND CORRESPONDING PRODUCTION METHOD**

[54] **TOLE A REVETEMENT ZNAIMG A FLEXIBILITE AMELIOREE ET PROCEDE DE REALISATION CORRESPONDANT**

[72] DIEZ, LUC, FR  
[72] FILOU, CLEMENCE, BE  
[72] FOJER, GUNHILD, BE  
[72] BEN SAAD, MANEL, FR  
[71] ARCELORMITTAL, LU  
[85] 2016-04-06  
[86] 2014-10-09 (PCT/IB2014/002059)  
[87] (WO2015/052572)  
[30] IB (PCT/IB2013/002239) 2013-10-09

[21] **2,926,565**  
[13] A1

[51] **Int.Cl. F24F 13/02 (2006.01)**  
[25] EN  
[54] **FABRIC AIR OUTLET DEVICE**

[54] **DISPOSITIF DE SORTIE D'AIR EN MATIERE TEXTILE**

[72] PRIHODA, ZDENEK, CZ  
[72] BURES, MICHAL, CZ  
[71] PRIHODA S.R.O., CZ  
[85] 2016-04-06  
[86] 2014-10-24 (PCT/CZ2014/000119)  
[87] (WO2015/062559)  
[30] CZ (PV 2013-840) 2013-11-01

[21] **2,926,567**  
[13] A1

[51] **Int.Cl. F02G 1/04 (2006.01) F02G 1/06 (2006.01)**  
[25] EN  
[54] **THERMAL DIFFERENTIAL MACHINE WITH EIGHT CHANGES OF THERMODYNAMIC CYCLE AND PROCESS CONTROL**

[54] **MACHINE THERMIQUE DIFFERENTIELLE A CYCLE DE HUIT TRANSFORMATIONS THERMODYNAMIQUES ET PROCEDE DE CONTROLE**

[72] IOCKHECK, MARNO, BR  
[71] ABX ENERGIE LTDA, BR  
[85] 2016-04-06  
[86] 2014-10-16 (PCT/BR2014/000381)  
[87] (WO2015/054767)  
[30] BR (BR1020130266345) 2013-10-16

[21] **2,926,568**  
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4545 (2006.01) A61P 3/10 (2006.01) A61P 9/00 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01)**  
[25] EN  
[54] **ANTAGONISTS OF PROSTAGLANDIN EP3 RECEPTOR**

[54] **ANTAGONISTES DE RECEPTEUR EP3 DE PROSTAGLANDINE**

[72] BAHNCK, KEVIN BARRY, US  
[72] LEE, ESTHER CHENG YIN, US  
[72] FUTATSUGI, KENTARO, US  
[72] MATHIOWETZ, ALAN MARTIN, US  
[72] EDMONDS, DAVID JAMES, US  
[72] MENHAJI-KLOTZ, ELNAZ, US  
[72] STANTON, ROBERT VERNON, US  
[71] PFIZER INC., US  
[85] 2016-04-06  
[86] 2014-09-25 (PCT/IB2014/064836)  
[87] (WO2015/052610)  
[30] US (61/888,822) 2013-10-09

[21] **2,926,571**  
[13] A1

[51] **Int.Cl. C07D 213/73 (2006.01) A61K 31/136 (2006.01) A61K 31/44 (2006.01) A61K 31/495 (2006.01) A61P 35/00 (2006.01) C07C 211/52 (2006.01) C07D 241/20 (2006.01)**  
[25] EN  
[54] **NON-PLATINUM-BASED ANTI-CANCER COMPOUNDS FOR USE IN TARGETED CHEMOTHERAPY**

[54] **COMPOSES ANTICANCEREUX NON A BASE DE PLATINE DESTINES A ETRE UTILISES DANS LA CHIMIOETHERAPIE-CIBLE**

[72] LU, QING-BIN, CA  
[71] LU, QING-BIN, CA  
[85] 2016-04-06  
[86] 2014-10-08 (PCT/CA2014/050974)  
[87] (WO2015/051458)  
[30] US (61/887,988) 2013-10-08

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[21] **2,926,572**  
[13] A1

[51] **Int.Cl. B65D 77/22 (2006.01) B65D 65/46 (2006.01)**  
[25] EN  
[54] **PRESSURE RELIEF ONE-WAY VALVE, HERMETIC CONTAINER AND METHOD TO MANUFACTURE A PRESSURE RELIEF ONE-WAY VALVE**  
[54] **VALVE UNIDIRECTIONNELLE DE SURPRESSION, CONTENANT HERMETIQUE ET PROCEDE DE FABRICATION D'UNE VALVE UNIDIRECTIONNELLE DE SURPRESSION**  
[72] RAPPARINI, GINO, IT  
[72] LANZI, BRUNO, IT  
[71] AROMA SYSTEM SRL, IT  
[85] 2016-04-06  
[86] 2014-10-07 (PCT/IB2014/065117)  
[87] (WO2015/052650)  
[30] IT (BO2013A000550) 2013-10-07

[21] **2,926,574**  
[13] A1

[51] **Int.Cl. G01D 5/00 (2006.01) E21B 47/07 (2012.01) C08K 7/00 (2006.01) C08L 83/04 (2006.01) C08L 101/12 (2006.01) E21B 47/06 (2012.01) E21B 47/10 (2012.01) G01D 5/12 (2006.01) G01D 5/16 (2006.01) G01M 3/00 (2006.01) G01N 17/04 (2006.01)**  
[25] EN  
[54] **SENSING ELEMENT COMPOSITIONS AND SENSOR SYSTEM FOR DETECTING AND MONITORING STRUCTURES FOR HYDROCARBONS**  
[54] **COMPOSITIONS D'ELEMENTS DE DETECTION ET SYSTEME DE DETECTION POUR DES STRUCTURES DE DETECTION ET DE SURVEILLANCE POUR DES HYDROCARBURES**  
[72] PARK, SIMON, CA  
[72] PARMAR, KAUSHIK, CA  
[71] 1835963 ALBERTA LTD., CA  
[85] 2016-04-06  
[86] 2014-10-14 (PCT/CA2014/050992)  
[87] (WO2015/054784)  
[30] US (61/891,248) 2013-10-15

[21] **2,926,577**  
[13] A1

[51] **Int.Cl. C12P 3/00 (2006.01) C01B 3/50 (2006.01) C02F 11/04 (2006.01) C12M 1/107 (2006.01) C12P 5/02 (2006.01) C12P 7/02 (2006.01) C12P 7/40 (2006.01)**  
[25] EN  
[54] **BIOHYDROGEN PRODUCTION METHOD AND REACTOR**  
[54] **PRODUCTION D'UN BIOHYDROGENE ET REACTEUR ASSOCIE**  
[72] HAFEZ, HISHAM MOHAMED, CA  
[71] GREENFIELD SPECIALTY ALCOHOLS INC., CA  
[85] 2016-04-06  
[86] 2014-10-20 (PCT/CA2014/051011)  
[87] (WO2015/058295)  
[30] US (61/893,447) 2013-10-21

[21] **2,926,580**  
[13] A1

[51] **Int.Cl. A47J 37/07 (2006.01) A47J 37/04 (2006.01) F24C 15/00 (2006.01)**  
[25] EN  
[54] **DEMOUNTABLE AND PORTABLE ELECTRIC ROTATING SPIT GRILL**  
[54] **BROCHE A ROTIR ELECTRIQUE, ROTATIVE, DEMONTABLE ET PORTATIVE**  
[72] PRIETO DOMINGUEZ, JORGE EDUARDO, CL  
[71] SOLUCIONES DE DISENO INTEGRAL, S. A., CL  
[85] 2016-04-06  
[86] 2014-10-13 (PCT/CL2014/000053)  
[87] (WO2015/054802)  
[30] CL (2969-2013) 2013-10-14

[21] **2,926,582**  
[13] A1

[51] **Int.Cl. A61K 31/231 (2006.01) A61K 31/201 (2006.01) A61P 3/00 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01) A61P 11/00 (2006.01) A61P 11/12 (2006.01)**  
[25] FR  
[54] **COMPOUNDS AND COMPOSITIONS COMPRISING SUCH COMPOUNDS FOR THE PREVENTION OR TREATMENT OF DYSLIPIDAEMIAS**  
[54] **COMPOSES ET COMPOSITIONS COMPRENANT DE TELS COMPOSES POUR LA PREVENTION OU LE TRAITEMENT DES DYSLIPIDEMIES**  
[72] SPANOVA, MIROSLAVA, SK  
[72] FERREIRA, THIERRY, FR  
[72] CLEMENT, ROMAIN, FR  
[72] DHAYAL, SHALINEE, GB  
[72] MORGAN, NOEL, GB  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[71] UNIVERSITE DE POITIERS, FR  
[71] UNIVERSITY OF EXETER, GB  
[85] 2016-04-06  
[86] 2014-10-08 (PCT/FR2014/052546)  
[87] (WO2015/052433)  
[30] FR (13/02334) 2013-10-08

[21] **2,926,583**  
[13] A1

[51] **Int.Cl. B60G 21/05 (2006.01) B60G 13/08 (2006.01)**  
[25] EN  
[54] **INDEPENDENT SUSPENSION SYSTEM AND CRANE HAVING SAME**  
[54] **SYSTEME DE SUSPENSION INDEPENDANT ET GRUE EQUIPEE DE CELUI-CI**  
[72] DING, HONGGANG, CN  
[72] LI, LI, CN  
[72] ZHU, LEI, CN  
[72] MA, YUNWANG, CN  
[72] SONG, JIANJUN, CN  
[72] MA, FEI, CN  
[71] XUZHOU HEAVY MACHINERY CO., LTD., CN  
[85] 2016-04-06  
[86] 2014-04-03 (PCT/CN2014/074735)  
[87] (WO2015/109659)  
[30] CN (201410040359.1) 2014-01-27

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[21] **2,926,584**  
[13] A1

[51] **Int.Cl. F16H 57/08 (2006.01) F16H 1/28 (2006.01)**  
[25] FR  
[54] **PLANET CARRIER FOR AN EPICYCLIC SPEED REDUCTION GEAR**  
[54] **PORTE-SATELLITES POUR UN REDUCTEUR DE VITESSE A TRAIN EPICYCLOIDAL**  
[72] BECK, GUILLAUME, FR  
[72] MORELLI, BORIS, FR  
[72] PELTIER, JORDANE, FR  
[71] HISPANO-SUIZA, FR  
[85] 2016-04-06  
[86] 2014-10-09 (PCT/FR2014/052553)  
[87] (WO2015/052437)  
[30] FR (1359845) 2013-10-10

[21] **2,926,585**  
[13] A1

[51] **Int.Cl. G11B 27/031 (2006.01) H04N 21/81 (2011.01) H04N 21/239 (2011.01) H04N 21/472 (2011.01)**  
[25] EN  
[54] **METHOD FOR PLAYING BACK AND SEPARATELY STORING AUDIO AND VIDEO TRACKS IN THE INTERNET**  
[54] **PROCEDE DE LECTURE ET DE STOCKAGE SEPARÉ DE PISTES AUDIO ET VIDEO SUR INTERNET**  
[72] KORZ, BERND, DE  
[71] KORZ, BERND, DE  
[85] 2016-04-06  
[86] 2014-10-09 (PCT/DE2014/000498)  
[87] (WO2015/051779)  
[30] DE (10 2013 017 031.1) 2013-10-10

[21] **2,926,586**  
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **PROTEIN-POLYMER-DRUG CONJUGATES**  
[54] **CONJUGUES DE MEDICAMENT-PROTEINE-POLYMERE**  
[72] YURKOVETSKIY, ALEKSANDR V., US  
[72] YIN, MAO, US  
[72] LOWINGER, TIMOTHY B., US  
[72] THOMAS, JOSHUA D., US  
[72] STEVENSON, CHERI A., US  
[72] GURIJALA, VENU R., US  
[71] MERSANA THERAPEUTICS, INC., US  
[85] 2016-03-29  
[86] 2014-10-10 (PCT/US2014/060170)  
[87] (WO2015/054659)  
[30] US (61/890,046) 2013-10-11  
[30] US (61/975,455) 2014-04-04  
[30] US (61/988,011) 2014-05-02  
[30] US (62/010,972) 2014-06-11

[21] **2,926,587**  
[13] A1

[51] **Int.Cl. G01N 21/87 (2006.01)**  
[25] EN  
[54] **METHOD OF PROVIDING MARKINGS TO PRECIOUS STONES INCLUDING GEMSTONES AND DIAMONDS, AND MARKINGS AND MARKED PRECIOUS STONES MARKED ACCORDING TO SUCH A METHOD**  
[54] **PROCEDE DE MARQUAGE SUR DES PIERRES PRECIEUSES COMPRENANT DES PIERRES PRECIEUSES ET DES DIAMANTS, ET MARQUAGES ET PIERRES PRECIEUSES MARQUEES SELON UN TEL PROCEDE**  
[72] HUI, KOON CHUNG, CN  
[72] TANG, WING CHI, CN  
[72] CHING, HO, CN  
[71] CHOW TAI FOOK JEWELLERY COMPANY LIMITED, CN  
[85] 2016-04-06  
[86] 2014-05-22 (PCT/CN2014/078135)  
[87] (WO2015/051640)  
[30] HK (13111497.0) 2013-10-11  
[30] HK (14102399.7) 2014-03-10

[21] **2,926,588**  
[13] A1

[51] **Int.Cl. A61K 47/34 (2006.01) A61K 9/08 (2006.01) A61K 39/395 (2006.01) A61K 47/02 (2006.01) A61K 47/10 (2006.01) A61K 47/12 (2006.01) A61P 19/02 (2006.01) A61P 37/06 (2006.01)**  
[25] EN  
[54] **BUFFER FORMULATIONS FOR ENHANCED ANTIBODY STABILITY**  
[54] **FORMULATIONS DE TAMPON POUR STABILITE D'ANTICORPS AMELIOREE**  
[72] CINI, JOHN, US  
[72] NAGI, ATHENA, US  
[72] TADDEI, MARIA, US  
[71] ONCOBIOLOGICS, INC., US  
[85] 2016-03-29  
[86] 2014-10-16 (PCT/US2014/060810)  
[87] (WO2015/057910)  
[30] US (61/891,485) 2013-10-16

[21] **2,926,589**  
[13] A1

[51] **Int.Cl. C07C 29/74 (2006.01) C07C 27/34 (2006.01) C07C 31/04 (2006.01) D21C 11/00 (2006.01)**  
[25] EN  
[54] **PROCESS FOR REMOVAL OF SULPHUR FROM RAW METHANOL**  
[54] **PROCEDE D'ELIMINATION DU SOUFRE DU METHANOL BRUT**  
[72] WARNQVIST, JAN, SE  
[72] OLSSON SLAGER, JOHAN, SE  
[72] ELIASSON, ANDERS, SE  
[71] INVICO METANOL AB, SE  
[85] 2016-03-30  
[86] 2014-10-13 (PCT/SE2014/051205)  
[87] (WO2015/053704)  
[30] SE (1351209-0) 2013-10-11

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[21] **2,926,590**  
[13] A1

[51] **Int.Cl. H01F 6/06 (2006.01)**  
[25] EN  
[54] **CRYOGENIC COIL ASSEMBLY AND METHOD OF MANUFACTURING SAME**  
[54] **ENSEMBLE BOBINE CRYOGENIQUE ET SON PROCEDE DE FABRICATION**  
[72] HUGILL, ANDREW, CA  
[72] TOMSKI, ILIA, CA  
[72] TREFENKO, IGOR, CA  
[72] SINCARSIN, GLEN B., CA  
[72] CARROLL, KIERAN A., CA  
[72] SINCARSIN, WAYNE G., CA  
[71] GEDEX SYSTEMS INC., CA  
[85] 2016-03-29  
[86] 2014-11-07 (PCT/CA2014/000797)  
[87] (WO2015/070318)  
[30] US (61/902,890) 2013-11-12

[21] **2,926,591**  
[13] A1

[51] **Int.Cl. F03B 11/00 (2006.01) F03B 13/06 (2006.01) F16D 23/10 (2006.01)**  
[25] EN  
[54] **HYDRAULIC POWER RECOVERY TURBINE WITH INTEGRATED BEARING-CLUTCH HOUSING**  
[54] **TURBINE DE RECUPERATION D'ENERGIE HYDRAULIQUE A BOITIER DE PALIER- EMBRAYAGE INTEGRE**  
[72] MANICONE, PASQUALE DELIO, IT  
[71] NUOVO PIGNONE SRL, IT  
[85] 2016-03-29  
[86] 2014-10-02 (PCT/EP2014/071196)  
[87] (WO2015/052081)  
[30] IT (FI2013A000234) 2013-10-10

[21] **2,926,592**  
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01) G01N 33/92 (2006.01)**  
[25] EN  
[54] **LIPID BIOMARKERS OF HEALTHY AGEING**  
[54] **BIOMARQUEURS LIPIDIQUES DU VIEILLISSEMENT EN BONNE SANTE**  
[72] COLLINO, SEBASTIANO, CH  
[72] MONTOLIU ROURA, IVAN, CH  
[72] MARTIN, FRANCOIS-PIERRE, CH  
[72] BEGUELIN, FIONA CAMILLE, CH  
[72] REZZI, SERGE ANDRE DOMINIQUE, CH  
[71] NESTEC S.A., CH  
[85] 2016-04-06  
[86] 2014-11-05 (PCT/EP2014/073781)  
[87] (WO2015/071145)  
[30] EP (13192937.4) 2013-11-14

[21] **2,926,593**  
[13] A1

[51] **Int.Cl. H01R 11/30 (2006.01) H01R 13/62 (2006.01)**  
[25] EN  
[54] **ELECTRICAL CONNECTOR FOR A WIND TURBINE**  
[54] **CONNECTEUR ELECTRIQUE POUR UNE TURBINE EOLIENNE**  
[72] NIELSEN, CHRISTIAN KROGH, DK  
[71] VESTAS WIND SYSTEMS A/S, DK  
[85] 2016-04-06  
[86] 2014-10-13 (PCT/DK2014/050325)  
[87] (WO2015/055208)  
[30] DK (PA 2013 70580) 2013-10-14

[21] **2,926,594**  
[13] A1

[51] **Int.Cl. F16K 15/08 (2006.01) F04B 39/10 (2006.01)**  
[25] EN  
[54] **AUTOMATIC RING VALVE, SHUTTERS FOR AUTOMATIC RING VALVES, AND METHOD FOR MANUFACTURING SAID SHUTTERS**  
[54] **SOUPAPE ANNULAIRE AUTOMATIQUE, OBTURATEURS DE SOUPAPES AUTOMATIQUES ET PROCEDE DE FABRICATION DESDITS OBTURATEURS**  
[72] BUFFA, FRANCESCO, IT  
[72] BABBINI, ALBERTO, IT  
[72] TOZZI, PIERLUIGI, IT  
[71] NUOVO PIGNONE SRL, IT  
[85] 2016-03-29  
[86] 2014-10-13 (PCT/EP2014/071888)  
[87] (WO2015/055581)  
[30] IT (FI2013A000243) 2013-10-16

[21] **2,926,595**  
[13] A1

[51] **Int.Cl. B64D 41/00 (2006.01) F02C 9/00 (2006.01)**  
[25] EN  
[54] **METHOD FOR DIAGNOSING AN AUXILIARY POWER UNIT FAULT**  
[54] **PROCEDE POUR DIAGNOSTIQUER UNE PANNE D'UNITE D'ALIMENTATION AUXILIAIRE**  
[72] CATT, CHRISTOPHER JOSEPH, GB  
[71] GE AVIATION SYSTEMS LIMITED, GB  
[85] 2016-03-29  
[86] 2013-10-07 (PCT/GB2013/052601)  
[87] (WO2015/052458)

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<p>[51] <b>Int.Cl. C07D 413/14 (2006.01) A61K 31/5377 (2006.01) A61P 3/00 (2006.01) A61P 5/00 (2006.01) A61P 9/00 (2006.01) A61P 11/06 (2006.01) A61P 17/00 (2006.01) A61P 17/06 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 37/00 (2006.01) C07D 413/04 (2006.01) C07D 473/34 (2006.01) C07D 487/04 (2006.01) C07D 495/04 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>FUSED HETEROCYCLIC COMPOUND, PREPARATION METHOD THEREFOR, PHARMACEUTICAL COMPOSITION, AND USES THEREOF</b></p> <p>[54] <b>COMPOSE HETEROCYCLIQUE CONDENSE, SON PROCEDE DE PREPARATION, COMPOSITION PHARMACEUTIQUE ET LEURS UTILISATIONS</b></p> <p>[72] XU, ZUSHENG, CN</p> <p>[72] LOU, YANGTONG, CN</p> <p>[71] SHANGHAI YINGLI PHARMACEUTICAL CO., LTD, CN</p> <p>[85] 2016-04-06</p> <p>[86] 2014-09-19 (PCT/CN2014/086914)</p> <p>[87] (WO2015/055071)</p> <p>[30] CN (201310485200.6) 2013-10-16</p>	<p>[51] <b>Int.Cl. G21C 1/03 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>METHOD FOR THE IN SITU PASSIVATION OF THE STEEL SURFACES OF A NUCLEAR REACTOR</b></p> <p>[54] <b>PROCEDE DE PASSIVATION INTRA-CIRCUIT DES PAROIS D'ACIER D'UN REACTEUR NUCLEAIRE</b></p> <p>[72] MARTYNOV, PETR NIKIFOROVICH, RU</p> <p>[72] ASKHADULLIN, RADOMIR SHAMILIEVICH, RU</p> <p>[72] IVANOV, KONSTANTIN DMITRIEVICH, RU</p> <p>[72] LEGKIH, ALEKSANDR URIEVICH, RU</p> <p>[72] STOROZHENKO, ALEKSEY NIKOLAEVICH, RU</p> <p>[72] FILIN, ALEKSANDR IVANOVICH, RU</p> <p>[72] BULAVKIN, SERGEY VIKTOROVICH, RU</p> <p>[72] SHARIKPULOV, SAID MIRFAISOVICH, RU</p> <p>[72] BOROVITSKY, STEPAN ARTEMOVICH, RU</p> <p>[71] JOINT STOCK COMPANY "AKME-ENGINEERING", RU</p> <p>[85] 2016-03-29</p> <p>[86] 2014-03-19 (PCT/RU2014/000171)</p> <p>[87] (WO2015/047131)</p> <p>[30] RU (2013143712) 2013-09-30</p>	<p>[51] <b>Int.Cl. C07D 513/14 (2006.01) A61K 31/437 (2006.01) A61P 11/06 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>TRICYCLIC PIPERIDINE COMPOUNDS</b></p> <p>[54] <b>COMPOSES PIPERIDINIQUES TRICYCLIQUES</b></p> <p>[72] BUR, DANIEL, CH</p> <p>[72] GRISOSTOMI, CORINNA, CH</p> <p>[72] NAYLER, OLIVER, CH</p> <p>[72] REMEN, LUBOS, CH</p> <p>[72] VERCAUTEREN, MAGALI, CH</p> <p>[72] WELFORD, RICHARD, CH</p> <p>[71] ACTELION PHARMACEUTICALS LTD, CH</p> <p>[85] 2016-04-06</p> <p>[86] 2014-11-18 (PCT/EP2014/074885)</p> <p>[87] (WO2015/075023)</p> <p>[30] IB (PCT/IB2013/060237) 2013-11-19</p>
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	<p>[51] <b>Int.Cl. A61K 31/202 (2006.01) A61K 31/205 (2006.01) A61P 13/12 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>METHODS AND COMPOSITIONS FOR IMPROVING KIDNEY FUNCTION</b></p> <p>[54] <b>PROCEDES ET COMPOSITIONS POUR AMELIORER LE FONCTIONNEMENT RENAL</b></p> <p>[72] JEWELL, DENNIS E., US</p> <p>[71] HILL'S PET NUTRITION, INC., US</p> <p>[85] 2016-04-06</p> <p>[86] 2013-11-05 (PCT/US2013/068455)</p> <p>[87] (WO2015/069215)</p>	<p>[51] <b>Int.Cl. F16C 27/02 (2006.01) F01D 25/16 (2006.01) F01D 25/22 (2006.01) F16C 17/03 (2006.01) F16C 27/04 (2006.01) F16C 32/06 (2006.01) F16F 15/023 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>JOURNAL BEARING ASSEMBLIES AND METHODS OF ASSEMBLING SAME</b></p> <p>[54] <b>ENSEMBLES PALIERS LISSES ET METHODE D'ASSEMBLAGE DE CEUX-CI</b></p> <p>[72] ERTAS, BUGRA HAN, US</p> <p>[72] DELGADO MARQUEZ, ADOLFO, US</p> <p>[72] HALLMAN, DARREN LEE, US</p> <p>[72] SMITH, WALTER JOHN, US</p> <p>[71] GENERAL ELECTRIC COMPANY, US</p> <p>[85] 2016-03-29</p> <p>[86] 2014-08-26 (PCT/US2014/052601)</p> <p>[87] (WO2015/053870)</p> <p>[30] US (14/052,121) 2013-10-11</p>

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[13] A1

[51] **Int.Cl. G06Q 50/10 (2012.01)**  
[25] EN  
[54] **UNIFYING INTERFACE FOR CLOUD CONTENT SHARING SERVICES**  
[54] **UNIFICATION D'INTERFACE POUR DES SERVICES DE PARTAGE DE CONTENUS EN NUAGE**  
[72] BIRKEL, STEVEN J., US  
[72] WOUHAYBI, RITA H., US  
[72] VERRALL, TIMOTHY, US  
[72] SHEKHAR, MRIGANK, US  
[71] INTEL CORPORATION, US  
[85] 2016-04-06  
[86] 2013-11-06 (PCT/US2013/068715)  
[87] (WO2015/069234)

[21] **2,926,606**  
[13] A1

[51] **Int.Cl. H04B 5/02 (2006.01)**  
[25] EN  
[54] **METHODS FOR SECURE COMMUNICATION AND PAIRING OF A MEDICAL INFUSION DEVICE AND A REMOTE CONTROLLER FOR SUCH MEDICAL DEVICE**  
[54] **PROCEDES SECURISES DE COMMUNICATION ET D'APPARIEMENT D'UN DISPOSITIF MEDICAL DE PERFUSION AVEC UN DISPOSITIF DE COMMANDE A DISTANCE DESTINE A UN TEL DISPOSITIF MEDICAL**  
[72] BRUKALO, KRZYSZTOF Z., US  
[72] EBNER, MANFRED, DE  
[72] GETZ, STEVEN, US  
[72] HOHL, DAVID, US  
[72] POHLMAN, DAVID, US  
[72] HENDRIXSON, CHARLES, US  
[72] QUINLAN, JOHN, US  
[71] ANIMAS CORPORATION, US  
[85] 2016-03-29  
[86] 2014-09-05 (PCT/US2014/054275)  
[87] (WO2015/047693)  
[30] US (14/041,536) 2013-09-30

[21] **2,926,609**  
[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/20 (2006.01)**  
[25] EN  
[54] **IMPROVED FLUID FLOW CONTROL DEVICE**  
[54] **DISPOSITIF DE COMMANDE D'ECOULEMENT DE FLUIDE AMELIORE**  
[72] SLAY, JEREMY BUC, US  
[72] BAYH, RUSSELL IRVING, III, US  
[72] KYLE, DONALD GAY, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2016-04-06  
[86] 2013-11-26 (PCT/US2013/072010)  
[87] (WO2015/080702)

[21] **2,926,611**  
[13] A1

[51] **Int.Cl. G02F 1/225 (2006.01)**  
[25] EN  
[54] **ELECTRICAL LINE ARRANGEMENT**  
[54] **AGENCEMENT DE LIGNE ELECTRIQUE**  
[72] VELTHAUS, KARL-OTTO, DE  
[72] RAUSCH, MARKO, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2016-04-06  
[86] 2014-11-25 (PCT/EP2014/075527)  
[87] (WO2015/075259)  
[30] EP (13194258.3) 2013-11-25

[21] **2,926,612**  
[13] A1

[51] **Int.Cl. E21B 47/12 (2012.01)**  
[25] EN  
[54] **A DRILLING AUXILIARY SYSTEM**  
[54] **SYSTEME AUXILIAIRE A UTILISER POUR LE FORAGE**  
[72] HAN, WEISHAN, US  
[71] WELLADV OIL SERVICE LIMITED, CN  
[85] 2016-03-30  
[86] 2013-09-30 (PCT/CN2013/084680)  
[87] (WO2015/042934)

[21] **2,926,614**  
[13] A1

[51] **Int.Cl. A61K 8/23 (2006.01) A61Q 11/00 (2006.01)**  
[25] EN  
[54] **OXIDIZING SYSTEM FOR ORAL CARE COMPOSITIONS**  
[54] **SYSTEME D'OXYDATION POUR COMPOSITIONS DE SOIN BUCCAL**  
[72] CHEN, XIANG, US  
[72] CHOPRA, SUMAN K., US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2016-04-06  
[86] 2013-12-02 (PCT/US2013/072556)  
[87] (WO2015/084295)

[21] **2,926,616**  
[13] A1

[51] **Int.Cl. F16L 23/028 (2006.01) B21D 19/04 (2006.01)**  
[25] EN  
[54] **METHOD FOR FORMING FASTENING COLLAR, AND FLANGE JOINT**  
[54] **PROCEDE DE FORMATION D'UN COLLIER DE SERRAGE, ET ASSEMBLAGE PAR BRIDES**  
[72] ERIKSSON, RISTO, FI  
[71] GS-HYDRO OY, FI  
[85] 2016-04-06  
[86] 2014-10-07 (PCT/FI2014/050762)  
[87] (WO2015/052377)  
[30] FI (20136004) 2013-10-08

[21] **2,926,617**  
[13] A1

[51] **Int.Cl. F16L 27/087 (2006.01) B41F 31/22 (2006.01) F16L 39/06 (2006.01)**  
[25] EN  
[54] **ROTARY UNION**  
[54] **ENSEMBLE ROTATIF**  
[72] CONROY, MARK STEPHEN, US  
[72] BYRNE, THOMAS TIMOTHY, US  
[72] CHEN, HAIBIN, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2016-03-29  
[86] 2014-09-24 (PCT/US2014/057112)  
[87] (WO2015/048063)  
[30] US (14/038,957) 2013-09-27

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[21] **2,926,618**  
[13] A1

[51] **Int.Cl. C09K 8/68 (2006.01) C09K 8/88 (2006.01)**

[25] EN

[54] **WELL TREATMENT FLUIDS CONTAINING A ZIRCONIUM CROSSLINKER AND METHODS OF USING THE SAME**

[54] **FLUIDES DE TRAITEMENT DE Puits CONTENANT UN AGENT DE RETICULATION A BASE DE ZIRCONIUM ET LEURS PROCEDES D'UTILISATION**

[72] GUPTA, D.V. SATYANARAYANA, US

[72] CARMAN, PAUL S., US

[72] VO, MINH, US

[71] BAKER HUGHES INCORPORATED, US

[85] 2016-04-06

[86] 2014-08-27 (PCT/US2014/052922)

[87] (WO2015/060937)

[30] US (14/061,485) 2013-10-23

[21] **2,926,619**  
[13] A1

[51] **Int.Cl. C07C 45/86 (2006.01) C07C 49/84 (2006.01)**

[25] EN

[54] **PROCESS FOR THE PREPARATION OF XANTHOTHUMOL**

[54] **PROCEDE POUR LA PREPARATION DE XANTHOTHUMOL**

[72] GAGOS, MARIUSZ, PL

[71] AXEN BIO GROUP SP. Z O.O., PL

[85] 2016-03-30

[86] 2014-09-16 (PCT/IB2014/001872)

[87] (WO2015/049561)

[30] PL (p. 405540) 2013-10-04

[21] **2,926,620**  
[13] A1

[51] **Int.Cl. E21B 34/06 (2006.01) C09D 7/00 (2006.01) E21B 43/26 (2006.01)**

[25] EN

[54] **PROTECTIVE COATING FOR A SUBSTRATE**

[54] **RETEVEMENT DE PROTECTION POUR UN SUBSTRAT**

[72] ZHIYUE, XU, US

[72] KUMAR, DEEPAK, US

[71] BAKER HUGHES INCORPORATED, US

[85] 2016-04-06

[86] 2014-09-03 (PCT/US2014/053775)

[87] (WO2015/053881)

[30] US (14/047,695) 2013-10-07

[21] **2,926,621**  
[13] A1

[51] **Int.Cl. A61B 17/34 (2006.01)**

[25] EN

[54] **NEEDLE STEERING BY SHAFT MANIPULATION**

[54] **ORIENTATION D'UNE AIGUILLE PAR MANIPULATION DE LA TIGE**

[72] GLOZMAN, DANIEL, IL

[72] DASKAL, GONEN, IL

[72] SHOHAM, MOSHE, IL

[72] ARAD, MICHAEL, IL

[72] PINSKY, YOAV, IL

[71] TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD., IL

[85] 2016-04-06

[86] 2014-10-07 (PCT/IL2014/050891)

[87] (WO2015/052719)

[30] US (61/887,654) 2013-10-07

[21] **2,926,623**  
[13] A1

[51] **Int.Cl. A01N 35/08 (2006.01) A01N 25/30 (2006.01) A01N 43/84 (2006.01) A01N 43/88 (2006.01) A01P 1/00 (2006.01)**

[25] EN

[54] **MICROBICIDAL COMPOSITION COMPRISING BRONOPOL, DAZOMET OR A MIXTURE OF 4-(2-NITROBUTYL)MORPHOLINE AND 4,4'-(2-ETHYL-2-NITROTRIMETHYLENE)DIMORPHOLINE**

[54] **COMPOSITION MICROBICIDE COMPRENANT DU BRONOPOL, DU DAZOMET OU UN MELANGE DE 4-(2-NITROBUTYL)MORPHOLINE ET DE 4,4'-(2-ETHYL-2-NITROPHENYLENE)DIMORPHOLINE**

[72] GANDHI, USHA, US

[72] MCINNIS, CHRISTINE, US

[72] PAREEK, KIRAN, US

[72] SCHOOK, PAUL O., US

[72] WATSON, NIGEL G., US

[72] WILLIAMS, TERRY MICHAEL, US

[72] YIN, BEI, US

[71] DOW GLOBAL TECHNOLOGIES LLC, US

[71] ROHM AND HAAS COMPANY, US

[85] 2016-03-29

[86] 2014-10-03 (PCT/US2014/058954)

[87] (WO2015/051205)

[30] US (61/886,344) 2013-10-03

[21] **2,926,625**  
[13] A1

[51] **Int.Cl. G01N 27/406 (2006.01) C40B 20/00 (2006.01) C40B 20/04 (2006.01) G01N 27/30 (2006.01)**

[25] EN

[54] **NON-FARADAIC, CAPACITIVELY COUPLED MEASUREMENT IN A NANOPORE CELL ARRAY**

[54] **MESURE A COUPLAGE CAPACITIF NON FARADIQUE DANS UN RESEAU DE CELLULES DE NANOPORE**

[72] CHEN, ROGER J.A., US

[71] GENIA TECHNOLOGIES, INC., US

[85] 2016-04-06

[86] 2014-09-11 (PCT/US2014/055179)

[87] (WO2015/057324)

[30] US (14/056,795) 2013-10-17

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[21] **2,926,626**  
[13] A1

[51] **Int.Cl. F42B 10/14 (2006.01) F42B 10/54 (2006.01) F42B 10/64 (2006.01)**

[25] EN

[54] **FIN DEPLOYMENT MECHANISM FOR A PROJECTILE AND METHOD FOR FIN DEPLOYMENT**

[54] **MECANISME DE DEPLOIEMENT D'AILETTES POUR UN PROJECTILE ET PROCEDE DE DEPLOIEMENT D'AILETTES**

[72] CARLQVIST, LARS-AKE, SE  
[72] ERIKSSON, PAR, SE  
[71] BAE SYSTEMS BOFORS AB, SE  
[85] 2016-04-06  
[86] 2014-10-07 (PCT/SE2014/000125)  
[87] (WO2015/053679)  
[30] SE (1330122-1) 2013-10-10

[21] **2,926,628**  
[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01) H04W 4/22 (2009.01) H04M 3/51 (2006.01)**

[25] EN

[54] **MIXED MEDIA CALL ROUTING**

[54] **ACHEMINEMENT D'APPELS DE MEDIAS MELANGES**

[72] KAMBOH, AMEEL, US  
[71] CASSIDIAN COMMUNICATIONS, INC., US  
[85] 2016-04-06  
[86] 2014-09-23 (PCT/US2014/057015)  
[87] (WO2015/048034)  
[30] US (14/037,167) 2013-09-25

[21] **2,926,629**  
[13] A1

[51] **Int.Cl. G01F 1/66 (2006.01) F02C 9/26 (2006.01) G01F 1/34 (2006.01)**

[25] EN

[54] **ULTRASOUND FUEL FLOW SENSING AND CONTROL**

[54] **COMMANDE ET DETECTION D'ECOULEMENT DE CARBURANT PAR ULTRASONS**

[72] MUHAMMAD, MUDASSAR ALI, US  
[72] FURLONG, EDWARD RANDALL, US  
[72] MACKENZIE, COLIN JAMES, GB  
[72] MAILANDER, WILLIAM JAMES, US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2016-03-29  
[86] 2014-10-03 (PCT/US2014/059147)  
[87] (WO2015/054079)  
[30] US (61/889,552) 2013-10-11

[21] **2,926,630**  
[13] A1

[51] **Int.Cl. E21B 10/32 (2006.01) E21B 7/04 (2006.01) E21B 7/28 (2006.01) E21B 44/00 (2006.01)**

[25] EN

[54] **INTELLIGENT REAMER FOR ROTARY/SLIDABLE DRILLING SYSTEM AND METHOD**

[54] **ALESEUR INTELLIGENT POUR SYSTEME DE FORAGE ROTATIF/COULISSANT ET PROCEDE**

[72] MAY, MARK, US  
[71] MAY, MARK, US  
[85] 2016-04-06  
[86] 2014-10-03 (PCT/US2014/059039)  
[87] (WO2015/054055)  
[30] US (61/890,218) 2013-10-12  
[30] US (14/505,825) 2014-10-03

[21] **2,926,633**  
[13] A1

[51] **Int.Cl. C09C 1/30 (2006.01) C08K 9/00 (2006.01) C09C 3/06 (2006.01) C09C 3/08 (2006.01)**

[25] EN

[54] **TREATED FILLERS, COMPOSITIONS CONTAINING SAME, AND ARTICLES PREPARED THEREFROM**

[54] **CHARGES TRAITÉES, COMPOSITIONS CONTENANT CELLES-CI ET ARTICLES PRÉPARÉS À PARTIR DE CELLES-CI**

[72] OKEL, TIM ALLEN, US  
[72] VOTRUBA-DRZAL, PETER LAWRENCE, US  
[72] MARTIN, JUSTIN JONATHAN, US  
[72] KOLLAH, RAPHAEL, US  
[72] WILT, TRUMAN, US  
[72] REARICK, BRIAN, US  
[72] EDELMAN, CLINT STEVEN, US  
[72] ANDERSON, LINDA K., US  
[72] WANG, FENG, US  
[72] OLSON, KURT, US  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 2016-03-29  
[86] 2014-10-06 (PCT/US2014/059277)  
[87] (WO2015/054118)  
[30] US (61/887,713) 2013-10-07

[21] **2,926,636**  
[13] A1

[51] **Int.Cl. F16C 32/06 (2006.01) F01D 25/16 (2006.01) F01D 25/22 (2006.01) F16C 27/04 (2006.01) F16F 15/02 (2006.01) F16F 15/023 (2006.01)**

[25] EN

[54] **HERMETICALLY SEALED DAMPER ASSEMBLY AND METHODS OF ASSEMBLING SAME**

[54] **ENSEMBLE D'AMORTISSEUR HERMETIQUEMENT SCELLE ET SON PROCEDE D'ASSEMBLAGE**

[72] DELGADO MARQUEZ, ADOLFO, US  
[72] ERTAS, BUGRA HAN, US  
[72] HALLMAN, DARREN LEE, US  
[72] SMITH, WALTER JOHN, US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2016-03-29  
[86] 2014-10-09 (PCT/US2014/059816)  
[87] (WO2015/054447)  
[30] US (14/052,344) 2013-10-11

[21] **2,926,640**  
[13] A1

[51] **Int.Cl. G21C 13/02 (2006.01) G21C 17/108 (2006.01) G21C 1/32 (2006.01) G21C 15/18 (2006.01)**

[25] EN

[54] **NEUTRON PATH ENHANCEMENT**

[54] **AMPLIFICATION DU CHEMIN DE NEUTRONS**

[72] SNUGGERUD, ROSS, US  
[72] GOFF, RUSSELL, US  
[71] NUSCALE POWER, LLC, US  
[85] 2016-04-06  
[86] 2014-09-26 (PCT/US2014/057693)  
[87] (WO2015/099855)  
[30] US (61/921,037) 2013-12-26  
[30] US (14/242,677) 2014-04-01

[21] **2,926,641**  
[13] A1

[51] **Int.Cl. C07K 7/06 (2006.01) C07K 7/64 (2006.01)**

[25] EN

[54] **NOVEL PEPTIDE COMPOSITIONS**

[54] **NOUVELLES COMPOSITIONS DE PEPTIDES**

[72] FRANKLIN, RICHARD, US  
[71] TARIX PHARMACEUTICALS LTD., US  
[85] 2016-04-06  
[86] 2014-10-01 (PCT/US2014/058646)  
[87] (WO2015/054006)  
[30] US (61/890,056) 2013-10-11  
[30] US (61/940,095) 2014-02-14

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[21] **2,926,643**  
[13] A1

[51] **Int.Cl. B29C 70/48 (2006.01) B29B 11/16 (2006.01) B29C 70/24 (2006.01) F01D 5/28 (2006.01)**

[25] FR

[54] **A FIBER PREFORM FOR A HOLLOW TURBINE ENGINE VANE**

[54] **PREFORME FIBREUSE POUR AUBE CREUSE DE TURBOMACHINE**

[72] PODGORSKI, MICHAEL, FR

[72] DAMBRINE, BRUNO JACQUES GERARD, FR

[72] LE HONG, SON, FR

[72] COUPE, DOMINIQUE MARIE CHRISTIAN, FR

[72] MOLLIEUX, LUDOVIC EDMOND CAMILLE, FR

[72] GOERING, JONATHAN, US

[71] SNECMA, FR

[71] SAFRAN, FR

[85] 2016-04-06

[86] 2014-10-03 (PCT/US2014/059051)

[87] (WO2015/061024)

[30] FR (1360339) 2013-10-23

[21] **2,926,646**  
[13] A1

[51] **Int.Cl. E21B 33/13 (2006.01) E21B 34/06 (2006.01) E21B 43/26 (2006.01)**

[25] EN

[54] **DOWNHOLE PACKER AND METHOD OF TREATING A DOWNHOLE FORMATION USING THE DOWNHOLE PACKER**

[54] **GARNITURE DE FOND ET PROCEDE DE TRAITEMENT D'UNE FORMATION DE FOND A L'AIDE DE LA GARNITURE DE FOND**

[72] WATSON, BROCK, US

[72] SCHULTZ, ROGER T., US

[72] FERGUSON, ANDY, US

[72] BRITTON, MARK, US

[71] THRU TUBING SOLUTIONS, INC., US

[85] 2016-04-06

[86] 2014-10-03 (PCT/US2014/059131)

[87] (WO2015/054077)

[30] US (14/050,751) 2013-10-10

[30] US (14/050,792) 2013-10-10

[21] **2,926,650**  
[13] A1

[51] **Int.Cl. A61K 9/24 (2006.01)**

[25] EN

[54] **HIV TREATMENT FORMULATION OF ATAZANAVIR AND COBICISTAT**

[54] **FORMULATION D'ATAZANAVIR ET DE COBICISTAT POUR LE TRAITEMENT DU VIH**

[72] KOO, OTILIA MAY YUE, US

[72] NIKFAR, FARANAK, US

[72] TAO, JING, US

[72] KOTTALA, NIRANJAN KUMAR, IN

[72] VARIA, SAILESH A., US

[71] BRISTOL-MYERS SQUIBB HOLDINGS IRELAND, CH

[85] 2016-04-06

[86] 2014-10-06 (PCT/US2014/059310)

[87] (WO2015/054133)

[30] US (61/887,574) 2013-10-07

[21] **2,926,651**  
[13] A1

[51] **Int.Cl. H04L 9/08 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR ENCRYPTION KEY MANAGEMENT, FEDERATION AND DISTRIBUTION**

[54] **SYSTEME ET PROCEDE DE GESTION, FEDERATION ET DISTRIBUTION DE CLE DE CHIFFREMENT**

[72] WHITE, CHARLES, US

[72] BRAND, JOSEPH, US

[72] EDWARDS, STEPHEN, US

[71] FORNETIX LLC, US

[85] 2016-04-06

[86] 2014-10-03 (PCT/US2014/059187)

[87] (WO2015/054083)

[30] US (61/887,662) 2013-10-07

[30] US (61/950,362) 2014-03-10

[21] **2,926,652**  
[13] A1

[51] **Int.Cl. A61K 51/04 (2006.01) A61P 19/08 (2006.01)**

[25] EN

[54] **HIGH PURITY THERAPEUTIC BONE AGENTS**

[54] **AGENTS OSSEUX THERAPEUTIQUES PURS**

[72] SIMON, JAIME, US

[72] FRANK, R. KEITH, US

[72] WILSON, DAVID A., US

[71] ISOTHERAPEUTICS GROUP LLC, US

[85] 2016-04-06

[86] 2014-10-07 (PCT/US2014/059385)

[87] (WO2015/054173)

[30] US (61/887,603) 2013-10-07

[21] **2,926,654**  
[13] A1

[51] **Int.Cl. C10L 3/08 (2006.01)**

[25] EN

[54] **SPLIT FEED ADDITION TO ISO-PRESSURE OPEN REFRIGERATION LPG RECOVERY**

[54] **RECUPERATION DE GPL PAR REFRIGERATION OUVERTE PAR INTRODUCTION SIMULTANEE A PRESSION CONSTANTE**

[72] KUMAR, AYYALASOMAYAJULA, US

[72] HUEBEL, ROBERT, US

[72] MALSAM, MICHAEL, US

[71] LUMMUS TECHNOLOGY INC., US

[85] 2016-04-06

[86] 2014-10-08 (PCT/US2014/059682)

[87] (WO2015/054379)

[30] US (61/888,901) 2013-10-09

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[21] **2,926,655**  
[13] A1

[51] **Int.Cl. C11D 3/60 (2006.01) C11D 3/37 (2006.01)**

[25] EN

[54] **ALKALINE DETERGENT COMPOSITION CONTAINING A CARBOXYLIC ACID TERPOLYMER FOR HARD WATER SCALE CONTROL**

[54] **COMPOSITION ALCALINE DE DETERGENT CONTENANT UN TERPOLYMERE D'ACIDE CARBOXYLIQUE POUR LUTTER CONTRE LE TARTRE PROVOQUE PAR LES EAUX DURES**

[72] SILVERNAIL, CARTER M., US

[72] OLSON, ERIK C., US

[72] WALTERS, KERRIE, US

[72] DETERING, JUERGEN, DE

[72] KINGMA, AREND JOUKE, DE

[72] DAILEY, JAMES S., US

[71] ECOLAB USA INC., US

[71] BASF SE, DE

[85] 2016-04-06

[86] 2014-10-09 (PCT/US2014/059878)

[87] (WO2015/054481)

[30] US (14/049,951) 2013-10-09

[21] **2,926,656**  
[13] A1

[51] **Int.Cl. A61B 5/08 (2006.01) A61B 5/087 (2006.01) A61M 16/00 (2006.01)**

[25] EN

[54] **FUSION OF DATA FROM MULTIPLE SOURCES FOR NON-INVASIVE DETECTION OF RESPIRATORY PARAMETERS**

[54] **FUSION DE DONNEES PROVENANT DE PLUSIEURS SOURCES POUR DETECTION NON-INVASIVE DE PARAMETRES RESPIRATOIRES**

[72] MELKER, RICHARD, US

[72] COHEN, SEAN, US

[72] TAN, HUWEI, US

[71] XHALE, INC., US

[85] 2016-04-06

[86] 2014-10-11 (PCT/US2014/060200)

[87] (WO2015/054680)

[30] US (61/889,582) 2013-10-11

[21] **2,926,678**  
[13] A1

[51] **Int.Cl. B65D 83/00 (2006.01) B65D 47/20 (2006.01)**

[25] FR

[54] **DEVICE FOR DISPENSING AND PROTECTING A FLUID, COMPRISING A SLIT STOPPER**

[54] **DISPOSITIF DE DISTRIBUTION ET DE PROTECTION DE FLUIDE COMPORTANT UN OBTURATEUR A FENTE**

[72] COURTIN, KARINE, FR

[71] COURTIN, KARINE, FR

[85] 2016-04-05

[86] 2014-10-08 (PCT/EP2014/071500)

[87] (WO2015/052211)

[30] FR (13 59844) 2013-10-10

[21] **2,926,679**  
[13] A1

[51] **Int.Cl. H04N 5/64 (2006.01) H04N 5/655 (2006.01)**

[25] EN

[54] **CLEAT MOUNT WITH VISUAL AND AUDIBLE INDICATOR**

[54] **SOCLE DE FIXATION COMPORTANT UN INDICATEUR VISUEL ET AUDIBLE**

[72] SKULL, JOSEPH, US

[72] HAGEN, ROBERT, US

[72] STREIFF, BEN, US

[71] MILESTONE AV TECHNOLOGIES LLC, US

[85] 2016-04-06

[86] 2014-10-09 (PCT/US2014/059877)

[87] (WO2015/054480)

[30] US (61/888,920) 2013-10-09

[21] **2,926,680**  
[13] A1

[51] **Int.Cl. F02C 7/06 (2006.01) F01M 11/02 (2006.01) F16N 21/00 (2006.01)**

[25] FR

[54] **DEVICE FOR TRANSFERRING OIL BETWEEN TWO REPOSITORIES ROTATING RELATIVE TO EACH OTHER, AND PROPELLER TURBOMACHINE FOR AN AIRCRAFT WITH SUCH A DEVICE**

[54] **DISPOSITIF DE TRANSFERT D'HUILE ENTRE DEUX REFERENTIELS EN ROTATION L'UN PAR RAPPORT A L'AUTRE, ET TURBOMACHINE A HELICES POUR AERONEF AVEC UN TEL DISPOSITIF**

[72] BELMONTE, OLIVIER, FR

[72] LAO, JEREMY PHORLA, FR

[71] SNECMA, FR

[85] 2016-04-05

[86] 2014-10-01 (PCT/FR2014/052486)

[87] (WO2015/052409)

[30] FR (1359868) 2013-10-10

[21] **2,926,681**  
[13] A1

[51] **Int.Cl. B62D 63/08 (2006.01) B60Q 1/00 (2006.01) B60Q 1/26 (2006.01) B60Q 1/30 (2006.01) B60Q 9/00 (2006.01) B60Q 11/00 (2006.01) F21S 8/10 (2006.01)**

[25] FR

[54] **SIGNALLING LIGHT**

[54] **FEU DE SIGNALISATION**

[72] VAN DEN BROEK, BERTRAND, FR

[71] NOREP INTERNATIONAL, FR

[85] 2016-04-05

[86] 2014-10-13 (PCT/FR2014/052602)

[87] (WO2015/055934)

[30] FR (1359947) 2013-10-14

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[13] A1

[51] **Int.Cl. B64D 41/00 (2006.01) H02H 7/122 (2006.01) H02H 9/00 (2006.01) H02H 9/02 (2006.01) H02M 1/12 (2006.01)**

[25] FR

[54] **DEVICE FOR PROTECTING AGAINST SHORT-CIRCUITS UPSTREAM OF A POWER MODULE**

[54] **DISPOSITIF DE PROTECTION CONTRE LES COURTS-CIRCUITS AMONT D'UN MODULE DE PUISSANCE**

[72] SIMON, JEAN-JACQUES, FR

[72] DHEILLY, NICOLAS, FR

[72] CASIMIR, ROLAND, FR

[71] LABINAL POWER SYSTEMS, FR

[85] 2016-04-05

[86] 2014-10-15 (PCT/FR2014/052624)

[87] (WO2015/055951)

[30] FR (1360159) 2013-10-18

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[21] **2,926,683**  
[13] A1

[51] **Int.Cl. F02G 1/05 (2006.01) F02G 1/043 (2006.01)**

[25] EN

[54] **EXTERNAL COMBUSTION ENGINE WITH SEQUENTIAL PISTONS DRIVE**

[54] **MOTEUR A COMBUSTION EXTERNE DOTE D'UN ENTRAINEMENT SEQUENTIEL DE PISTON**

[72] LAITINEN, SEPPO, FI

[71] LAITINEN, SEPPO, CA

[85] 2016-04-07

[86] 2014-12-03 (PCT/FI2014/000036)

[87] (WO2015/121528)

[30] FI (20140044) 2014-02-17

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[21] **2,926,684**  
[13] A1

[51] **Int.Cl. F04B 13/00 (2006.01) F04B 43/00 (2006.01) F04B 43/02 (2006.01) F04B 43/06 (2006.01) F04B 53/22 (2006.01)**

[25] FR

[54] **DIAPHRAGM PUMP AND VALVE DEVICE FOR SUCH A PUMP**

[54] **POMPE A MEMBRANE ET DISPOSITIF A CLAPETS POUR UNE TELLE POMPE**

[72] FURET, SEBASTIEN, FR

[72] CHARRIERE, CHRISTOPHE, FR

[72] DUQUENNOY, PHILIPPE, FR

[71] DOSATRON INTERNATIONAL, FR

[85] 2016-04-05

[86] 2014-10-27 (PCT/IB2014/065636)

[87] (WO2015/063668)

[30] FR (13 60587) 2013-10-30

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[21] **2,926,685**  
[13] A1

[51] **Int.Cl. H02J 4/00 (2006.01) C07K 7/08 (2006.01) C07K 14/435 (2006.01)**

[25] EN

[54] **AGONISTS OF GUANYLATE CYCLASE USEFUL FOR DOWNREGULATION OF PRO-INFLAMMATORY CYTOKINES**

[54] **AGONISTES DE GUANYLATE CYCLASE UTILES POUR LA REGULATION NEGATIVE DE CYTOKINES PRO-INFLAMMATOIRES**

[72] SHAILUBHAI, KUNWAR, US

[71] SYNERGY PHARMACEUTICALS, INC., US

[85] 2016-04-06

[86] 2014-10-09 (PCT/US2014/059914)

[87] (WO2015/054500)

[30] US (61/888,744) 2013-10-09

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[21] **2,926,686**  
[13] A1

[51] **Int.Cl. F16K 1/22 (2006.01) F16F 1/12 (2006.01)**

[25] EN

[54] **INTERLOCKING SPRING SEAT ASSEMBLY AND ROTARY CONTROL VALVE COMPRISING SAME**

[54] **ENSEMBLE SIEGE DE RESSORT A INTERVERROUILLAGE ET VANNE DE COMMANDE ROTATIVE COMPRENANT LEDIT ENSEMBLE**

[72] LEGER, BRYAN QUINN, US

[72] KOESTER, DAVID JOHN, US

[71] FISHER CONTROLS INTERNATIONAL LLC, US

[85] 2016-04-05

[86] 2014-10-14 (PCT/US2014/060350)

[87] (WO2015/057613)

[30] US (14/052,923) 2013-10-14

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[21] **2,926,687**  
[13] A1

[51] **Int.Cl. G02B 27/01 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR RECONFIGURABLE PROJECTED AUGMENTED/VIRTUAL REALITY APPLIANCE**

[54] **SYSTEME ET PROCEDE DESTINES A UN DISPOSITIF A REALITE AUGMENTEE/VIRTUELLE PROJETEE DE TYPE RECONFIGURABLE**

[72] ELLSWORTH, JERI J., US

[71] CASTAR, INC., US

[85] 2016-04-06

[86] 2014-10-10 (PCT/US2014/060020)

[87] (WO2015/057507)

[30] US (61/961,446) 2013-10-15

[30] US (14/267,325) 2014-05-01

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[21] **2,926,688**  
[13] A1

[51] **Int.Cl. F16K 5/06 (2006.01) F16K 5/20 (2006.01)**  
[25] EN  
[54] **FLOATING BALL VALVE SEAL**  
[54] **JOINT DE ROBINET A BOISSEAU SPHERIQUE**  
[72] DALLUGE, PAUL RUSSELL, US  
[71] FISHER CONTROLS INTERNATIONAL LLC, US  
[85] 2016-04-05  
[86] 2014-10-14 (PCT/US2014/060357)  
[87] (WO2015/057616)  
[30] US (14/053,704) 2013-10-15

[21] **2,926,690**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) C12N 5/071 (2010.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR REGULATORY T-CELL ABLATION**  
[54] **PROCEDES ET COMPOSITIONS POUR L'ABLATION DE LYMPHOCYTES T REGULATEURS**  
[72] BOS, PAULA D., US  
[72] RUDENSKY, ALEXANDER, US  
[71] SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, US  
[85] 2016-04-06  
[86] 2014-10-10 (PCT/US2014/060069)  
[87] (WO2015/054593)  
[30] US (61/889,969) 2013-10-11

[21] **2,926,691**  
[13] A1

[51] **Int.Cl. A61K 31/538 (2006.01) A61K 38/00 (2006.01) A61K 38/12 (2006.01)**  
[25] EN  
[54] **AGONISTS OF GUANYLATE CYCLASE USEFUL FOR THE TREATMENT OF OPIOID INDUCED DYSFUNCTIONS**  
[54] **AGONISTES DE GUANYLATE CYCLASE UTILES POUR LE TRAITEMENT DE TROUBLES INDUITS PAR LES OPIOIDES**  
[72] SHAILUBHAI, KUNWAR, US  
[72] PALEJWALA, VASEEM, US  
[71] SYNERGY PHARMACEUTICALS, INC., US  
[85] 2016-04-06  
[86] 2014-10-10 (PCT/US2014/060157)  
[87] (WO2015/054649)  
[30] US (61/889,308) 2013-10-10

[21] **2,926,693**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**  
[25] EN  
[54] **METHODS FOR THE ENRICHMENT OF MUTATED NUCLEIC ACID FROM A MIXTURE**  
[54] **PROCEDES D'ENRICHISSEMENT D'ACIDE NUCLEIQUE MUTE A PARTIR D'UN MELANGE**  
[72] SCHOENBRUNNER, NANCY, US  
[72] GUPTA, AMAR, US  
[72] JANSSEN, KEVIN, US  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2016-04-06  
[86] 2014-11-25 (PCT/EP2014/075460)  
[87] (WO2015/078831)  
[30] US (61/909,587) 2013-11-27

[21] **2,926,695**  
[13] A1

[51] **Int.Cl. A23G 9/32 (2006.01)**  
[25] EN  
[54] **FAST PLASTICIZING COATING FOR FROZEN CONFECTION**  
[54] **REVETEMENT A PLASTIFICATION RAPIDE POUR CONFISERIE SURGELEE**  
[72] CHANDRASEKARAN, SHANTHA NALUR, GB  
[71] NESTEC S.A., CH  
[85] 2016-04-06  
[86] 2014-11-28 (PCT/EP2014/075985)  
[87] (WO2015/086349)  
[30] EP (13196533.7) 2013-12-10

[21] **2,926,696**  
[13] A1

[51] **Int.Cl. A61K 47/26 (2006.01) A61K 9/19 (2006.01) A61K 39/155 (2006.01) A61K 47/10 (2006.01) A61P 31/14 (2006.01)**  
[25] EN  
[54] **THERMOSTABLE RESPIRATORY SYNCYTIAL VIRUS (RSV) VACCINE COMPOSITIONS**  
[54] **COMPOSITIONS DE VACCINS THERMOSTABLES CONTRE LE VIRUS RESPIRATOIRE SYNCYTIAL (RSV)**  
[72] BHAMBHANI, AKHILESH, US  
[72] EVANS, ROBERT K., US  
[72] ISOPI, LYNNE A., US  
[71] MERCK SHARP & DOHME CORP, US  
[85] 2016-04-06  
[86] 2014-10-13 (PCT/US2014/060233)  
[87] (WO2015/057548)  
[30] US (61/891,530) 2013-10-16

[21] **2,926,697**  
[13] A1

[51] **Int.Cl. E04C 5/04 (2006.01) B21F 27/00 (2006.01)**  
[25] EN  
[54] **REINFORCING STEEL BAR MESH, METHOD FOR THE PRODUCTION THEREOF AND METHOD FOR THE LAYING THEREOF**  
[54] **TREILLIS DE BARRE D'ACIER D'ARMATURE, PROCEDE POUR LA FABRICATION ET PROCEDE POUR LA POSE DUDIT TREILLIS DE BARRE D'ACIER D'ARMATURE**  
[72] HAUSSLER, FRANZ, DE  
[71] HAUSSLER INNOVATION GMBH, DE  
[85] 2016-04-06  
[86] 2014-09-22 (PCT/EP2014/070095)  
[87] (WO2015/051987)  
[30] DE (10 2013 111 064.9) 2013-10-07

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[21] **2,926,698**  
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) C07K 19/00 (2006.01)**  
[25] EN  
[54] **CHIMERIC ANTIGEN RECEPTOR T CELL SWITCHES AND USES THEREOF**  
[54] **COMMUTATEURS DE LYMPHOCYTES T DES RECEPTEURS D'ANTIGENE CHIMERIQUES ET LEUR UTILISATION**  
[72] KIM, CHANHYUK, US  
[72] YOUNG, TRAVIS, US  
[72] CAO, YU, US  
[72] MA, JENNIFER, US  
[72] KIM, MINSOO, US  
[72] PINKERTON, STEPHANIE, US  
[72] SCHULTZ, PETER G., US  
[71] THE CALIFORNIA INSTITUTE FOR BIOMEDICAL RESEARCH, US  
[71] THE SCRIPPS RESEARCH INSTITUTE, US  
[85] 2016-04-06  
[86] 2014-10-15 (PCT/US2014/060713)  
[87] (WO2015/057852)  
[30] US (61/891,347) 2013-10-15  
[30] US (61/895,704) 2013-10-25  
[30] US (62/009,056) 2014-06-06

[21] **2,926,699**  
[13] A1

[51] **Int.Cl. F22B 37/18 (2006.01) F22B 37/74 (2006.01)**  
[25] EN  
[54] **STEAM GENERATOR WITH TUBE ALIGNING ORIFICE**  
[54] **GENERATEUR DE VAPEUR AYANT UN ORIFICE D'ALIGNEMENT DE TUBE**  
[72] LOBSCHIED, CHRISTIAN, US  
[71] NUSCALE POWER, LLC, US  
[85] 2016-04-06  
[86] 2014-10-17 (PCT/US2014/061145)  
[87] (WO2015/099867)  
[30] US (61/921,027) 2013-12-26  
[30] US (14/254,729) 2014-04-16

[21] **2,926,700**  
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) C07D 211/58 (2006.01) C07D 213/74 (2006.01) C07D 239/42 (2006.01) C07D 401/06 (2006.01) C07D 401/10 (2006.01) C07D 487/10 (2006.01)**  
[25] EN  
[54] **NEW COMPOUNDS**  
[54] **NOUVEAUX COMPOSES**  
[72] GAUVRY, NOELLE, CH  
[72] PAUTRAT, FRANCOIS, CH  
[71] NOVARTIS TIERGESUNDHEIT AG, CH  
[85] 2016-04-06  
[86] 2014-11-14 (PCT/EP2014/074622)  
[87] (WO2015/071417)  
[30] CH (01918/13) 2013-11-18

[21] **2,926,701**  
[13] A1

[51] **Int.Cl. C07K 14/62 (2006.01) A61K 38/28 (2006.01)**  
[25] EN  
[54] **NOVEL DERIVATIVE OF AN INSULIN ANALOGUE**  
[54] **NOUVEAU DERIVE D'UN ANALOGUE DE L'INSULINE**  
[72] MADSEN, PETER, DK  
[72] TAGMOSE, TINA MOLLER, DK  
[72] NAVER, HELLE, DK  
[72] KJELDSSEN, THOMAS BORGLUM, DK  
[71] NOVO NORDISK A/S, DK  
[85] 2016-04-06  
[86] 2014-10-03 (PCT/EP2014/071236)  
[87] (WO2015/052088)  
[30] EP (13187626.0) 2013-10-07

[21] **2,926,702**  
[13] A1

[51] **Int.Cl. C09D 4/00 (2006.01)**  
[25] EN  
[54] **THERMOSETTING POWDER COATING COMPOSITIONS COMPRISING METHYL-SUBSTITUTED BENZOYL PEROXIDE**  
[54] **COMPOSITIONS DE REVETEMENT EN POUDRE THERMODURCISSABLES COMPRENANT DU PEROXYDE DE BENZOYLE A SUBSTITUTION METHYLE**  
[72] BOONEN, JOZEF JOHANNES  
[72] CATHERINA JACOBUS, NL  
[72] JANSEN, JOHAN FRANZ GRADUS ANTONIUS, NL  
[72] DE HASS, JACOB LEENDERT, NL  
[72] WELLENBERG, PETRUS HENRICUS MARINUS, NL  
[72] DE LANGE, GERRIT JOHANNES, NL  
[72] VAN DURME, KURT, NL  
[72] RENKEMA, HUGO GERRIT BAREND, NL  
[71] DSM IP ASSETS B.V., NL  
[85] 2016-04-06  
[86] 2014-11-21 (PCT/EP2014/075294)  
[87] (WO2015/075186)  
[30] EP (13193901.9) 2013-11-21

[21] **2,926,703**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**  
[25] EN  
[54] **CLINICAL OUTCOME TRACKING AND ANALYSIS**  
[54] **SUIVI ET ANALYSE DE RESULTATS CLINIQUES**  
[72] PECORA, ANDREW L., US  
[71] COTA, INC., US  
[85] 2016-04-06  
[86] 2014-10-06 (PCT/US2014/059354)  
[87] (WO2015/054156)  
[30] US (61/888,418) 2013-10-08

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[13] A1  
[51] **Int.Cl. A61F 2/00 (2006.01)**  
[25] EN  
[54] **CERVICAL STABILIZATION DEVICE**  
[54] **DISPOSITIF DE STABILISATION DU COL UTERIN**  
[72] BOOHER, BENJAMIN V., SR., US  
[71] VIATECHMD LLC, US  
[85] 2016-04-06  
[86] 2014-10-07 (PCT/US2014/059557)  
[87] (WO2015/054304)  
[30] US (14/047,828) 2013-10-07

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[13] A1  
[51] **Int.Cl. G01B 11/00 (2006.01) G01C 9/00 (2006.01) G01S 7/481 (2006.01) G01S 7/497 (2006.01) G06F 1/16 (2006.01) G12B 5/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CAMERA BASED POSITION AND ORIENTATION MEASUREMENT**  
[54] **SYSTEME ET PROCEDE PERMETTANT LA MESURE D'UNE POSITION ET D'UNE ORIENTATION SUR LA BASE DE CAMERAS**  
[72] MONTGOMERY, PAUL YALDEN, US  
[72] WINTER, ANDREAS, AT  
[72] CRAMER, TILL, CH  
[71] HILTI AKTIENGESELLSCHAFT, LI  
[85] 2016-04-06  
[86] 2014-10-07 (PCT/US2014/059418)  
[87] (WO2015/054194)  
[30] US (14/049,607) 2013-10-09

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[13] A1  
[51] **Int.Cl. C21B 5/06 (2006.01) C21B 13/00 (2006.01) C21B 13/02 (2006.01)**  
[25] EN  
[54] **METHOD AND DEVICE FOR PROVIDING REDUCING GAS UNDER CONSTANT CONDITIONS**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE FOURNIR UN GAZ REDUCTEUR DANS DES CONDITIONS CONSTANTES**  
[72] MILLNER, ROBERT, AT  
[72] ROSENFELLNER, GERALD, AT  
[72] STOCKINGER, JOSEF, AT  
[71] PRIMETALS TECHNOLOGIES AUSTRIA GMBH, AT  
[85] 2016-04-06  
[86] 2014-11-12 (PCT/EP2014/074319)  
[87] (WO2015/074922)  
[30] EP (13193606.4) 2013-11-20

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[21] **2,926,708**  
[13] A1  
[51] **Int.Cl. G02F 1/225 (2006.01)**  
[25] EN  
[54] **ELECTRO-OPTICAL MODULATOR**  
[54] **MODULATEUR ELECTRO-OPTIQUE**  
[72] VELTHAUS, KARL-OTTO, DE  
[72] RAUSCH, MARKO, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2016-04-06  
[86] 2014-11-25 (PCT/EP2014/075528)  
[87] (WO2015/075260)  
[30] EP (13194250.0) 2013-11-25

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[13] A1  
[51] **Int.Cl. A61B 5/11 (2006.01) A61B 5/00 (2006.01) A61G 7/057 (2006.01)**  
[25] EN  
[54] **PRESSURE ULCER DETECTION METHODS, DEVICES AND TECHNIQUES**  
[54] **PROCEDES, DISPOSITIFS ET TECHNIQUES DE DETECTION D'ESCARRES**  
[72] SHEN, DANIEL Z., US  
[72] LARSON, BARRETT, US  
[72] WECKWERTH, MARK V., US  
[71] LEAF HEALTHCARE, INC., US  
[85] 2016-04-06  
[86] 2014-10-08 (PCT/US2014/059756)  
[87] (WO2015/054423)  
[30] US (61/888,078) 2013-10-08

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[21] **2,926,710**  
[13] A1  
[51] **Int.Cl. A61M 5/178 (2006.01)**  
[25] EN  
[54] **INTRAOCULAR DELIVERY DEVICES AND METHODS THEREFOR**  
[54] **DISPOSITIFS D'ADMINISTRATION INTRAOCULAIRE ET PROCEDES ASSOCIES**  
[72] LERNER, LEONID E., US  
[71] OCUECT, LLC, US  
[85] 2016-04-06  
[86] 2014-10-03 (PCT/US2014/059124)  
[87] (WO2015/054075)  
[30] US (14/047,476) 2013-10-07

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[21] **2,926,711**  
[13] A1

[51] **Int.Cl. C11D 7/06 (2006.01) C11D 7/22 (2006.01)**

[25] EN

[54] **ALKALINE DETERGENT COMPOSITION CONTAINING A CARBOXYLIC ACID/POLYALKYLENE OXIDE COPOLYMER FOR HARD WATER SCALE CONTROL**

[54] **COMPOSITION DETERGENTE ALCALINE CONTENANT UN COPOLYMERE ACIDE CARBOXYLIQUE/POLYALKYLENE OXYDE POUR L'ELIMINATION DE DEPOTS D'EAU DURE**

[72] SILVERNAIL, CARTER M., US

[72] OLSON, ERIK C., US

[72] WALTERS, KERRIE, US

[72] DETERING, JUERGEN, DE

[72] KINGMA, AREND JOUKE, DE

[72] DAILEY, JAMES S., US

[71] ECOLAB USA INC., US

[71] BASF SE, DE

[85] 2016-04-06

[86] 2014-10-09 (PCT/US2014/059859)

[87] (WO2015/054471)

[30] US (14/049,883) 2013-10-09

[21] **2,926,712**  
[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01) H04W 28/06 (2009.01)**

[25] EN

[54] **APPARATUS AND METHODS FOR MAC HEADER COMPRESSION**

[54] **APPAREIL ET PROCEDES DE COMPRESSION D'EN-TETE DE CONTROLE D'ACCES AU SUPPORT (MAC)**

[72] ASTERJADHI, ALFRED, US

[72] WENTINK, MAARTEN MENZO, US

[72] MERLIN, SIMONE, US

[71] QUALCOMM INCORPORATED, US

[85] 2016-04-06

[86] 2014-11-06 (PCT/US2014/064321)

[87] (WO2015/069875)

[30] US (61/900,988) 2013-11-06

[30] US (61/901,412) 2013-11-07

[30] US (14/534,053) 2014-11-05

[21] **2,926,713**  
[13] A1

[51] **Int.Cl. G21C 1/32 (2006.01) G21C 13/02 (2006.01) G21C 15/16 (2006.01)**

[25] EN

[54] **INTEGRAL REACTOR PRESSURE VESSEL TUBE SHEET**

[54] **PLAQUE TUBULAIRE INTEGREE DE CUVE SOUS PRESSION D'UN REACTEUR**

[72] LISZKAI, TAMAS, US

[72] CADELL, SETH, US

[72] KRUSKAMP, ALEX, US

[72] MALLETT, MATTHEW, US

[71] NUSCALE POWER, LLC, US

[85] 2016-04-06

[86] 2014-10-17 (PCT/US2014/061161)

[87] (WO2015/099868)

[30] US (61/921,046) 2013-12-26

[30] US (14/260,866) 2014-04-24

[21] **2,926,714**  
[13] A1

[51] **Int.Cl. A61B 17/06 (2006.01) A61B 17/062 (2006.01) A61M 25/06 (2006.01)**

[25] EN

[54] **GRIPPER FOR ROBOTIC IMAGE GUIDED NEEDLE INSERTION**

[54] **SYSTEME DE PREHENSION POUR L'INSERTION ROBOTISEE D'UNE AIGUILLE GUIDEE PAR IMAGE**

[72] GLOZMAN, DANIEL, IL

[72] DASKAL, GONEN, SE

[72] SHOHAM, MOSHE, IL

[72] ARAD, MICHAEL, IL

[72] PINSKY, YOAV, IL

[71] TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD., IL

[85] 2016-04-06

[86] 2014-10-07 (PCT/IL2014/050890)

[87] (WO2015/052718)

[30] US (61/887,634) 2013-10-07

[21] **2,926,715**  
[13] A1

[51] **Int.Cl. G02F 1/225 (2006.01) G02B 6/42 (2006.01)**

[25] EN

[54] **ELECTRO-OPTICAL MODULATOR DEVICES**

[54] **DISPOSITIFS A MODULATEUR ELECTRO-OPTIQUE**

[72] VELTHAUS, KARL-OTTO, DE

[72] RAUSCH, MARKO, DE

[72] CHOI, JUNG HAN, DE

[72] YAN, LEI, DE

[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE

[85] 2016-04-06

[86] 2014-11-25 (PCT/EP2014/075526)

[87] (WO2015/075258)

[30] EP (13194262.5) 2013-11-25

[21] **2,926,716**  
[13] A1

[51] **Int.Cl. G09G 3/34 (2006.01)**

[25] EN

[54] **DRIVING METHODS FOR COLOR DISPLAY DEVICE**

[54] **PROCEDES DE COMMANDE POUR DISPOSITIF D'AFFICHAGE COULEUR**

[72] LIN, CRAIG, US

[72] HUANG, JO-CHENG, US

[72] CHEN, HENG-CHE, US

[72] LAXTON, PETER, US

[72] WANG, MING, US

[72] CHENG, PING-YUEH, US

[72] ZANG, HONGMEI, US

[71] E INK CALIFORNIA, LLC, US

[85] 2016-04-06

[86] 2014-10-06 (PCT/US2014/059361)

[87] (WO2015/054158)

[30] US (61/887,821) 2013-10-07

[30] US (61/925,055) 2014-01-08

[30] US (61/942,407) 2014-02-20

[30] US (61/979,464) 2014-04-14

[30] US (62/004,713) 2014-05-29

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[13] A1

[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/34 (2012.01)**  
[25] EN  
[54] **SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING CONTACTLESS TRANSACTIONS**  
[54] **SYSTEMES, PROCEDES ET PRODUITS DE PROGRAMMES INFORMATIQUES POUR GERER DES TRANSACTIONS SANS CONTACT**  
[72] HOPKINSON, EMMA K., US  
[71] GOOGLE INC., US  
[85] 2016-04-06  
[86] 2014-10-07 (PCT/US2014/059436)  
[87] (WO2015/054207)  
[30] US (61/889,244) 2013-10-10

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[13] A1

[51] **Int.Cl. A61M 1/10 (2006.01) A61M 1/36 (2006.01)**  
[25] EN  
[54] **DEVICE AND METHOD FOR REGULATING AND PRESETTING THE PUMP RATE OF BLOOD PUMPS**  
[54] **DISPOSITIF ET PROCEDE DE REGULATION ET DE DEFINITION DU DEBIT DE POMPES D'ASSISTANCE CIRCULATOIRE**  
[72] HEIDE, ALEXANDER, DE  
[72] PETERS, ARNE, DE  
[72] WEIS, MANFRED, DE  
[72] WIKTOR, CHRISTOPH, DE  
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE  
[85] 2016-04-06  
[86] 2015-01-21 (PCT/EP2015/051045)  
[87] (WO2015/110437)  
[30] DE (102014000678.6) 2014-01-22

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[13] A1

[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/72 (2006.01) A61K 31/436 (2006.01) A61P 11/00 (2006.01)**  
[25] EN  
[54] **RAPAMYCIN FOR THE TREATMENT OF LYMPHANGIOLEIOMYOMATOSIS**  
[54] **RAPAMYCINE POUR LE TRAITEMENT DE LA LYMPHANGIOLEIOMYOMATOSE**  
[72] ROTHBERG, JONATHAN M., US  
[72] LICHENSTEIN, HENRI, US  
[71] LAM THERAPEUTICS, INC., US  
[85] 2016-04-06  
[86] 2014-10-07 (PCT/US2014/059529)  
[87] (WO2015/054280)  
[30] US (61/888,066) 2013-10-08

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[21] **2,926,720**  
[13] A1

[51] **Int.Cl. A61K 31/716 (2006.01) A61K 39/00 (2006.01) A61K 47/34 (2006.01) A61K 47/48 (2006.01) A61P 37/04 (2006.01) A61P 43/00 (2006.01)**  
[25] EN  
[54] **IMMUNOPOTENTIATOR**  
[54] **IMMUNOSTIMULANT**  
[72] KOSHI, YOICHIRO, JP  
[72] PARK, JOONSIK, JP  
[72] LU, JIAO, JP  
[71] TORAY INDUSTRIES, INC., JP  
[85] 2016-04-06  
[86] 2014-10-09 (PCT/JP2014/077038)  
[87] (WO2015/053354)  
[30] JP (2013-212103) 2013-10-09

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[13] A1

[51] **Int.Cl. C12N 5/10 (2006.01) C12N 5/074 (2010.01) C12N 5/0775 (2010.01) A61K 35/12 (2015.01) A61K 35/44 (2015.01) A61P 27/02 (2006.01) C12N 15/09 (2006.01)**  
[25] EN  
[54] **METHOD OF PRODUCING RETINAL PIGMENT EPITHELIAL CELL**  
[54] **PROCEDE DE PRODUCTION DE CELLULES EPITHELIALES DE PIGMENT RETINIEN**  
[72] SAWADA, MASANORI, JP  
[72] TAKAHASHI, MASAYO, JP  
[72] SEKIGUCHI, KIYOTOSHI, JP  
[71] HEALIOS K.K., JP  
[71] RIKEN, JP  
[71] OSAKA UNIVERSITY, JP  
[85] 2016-04-06  
[86] 2014-10-09 (PCT/JP2014/077111)  
[87] (WO2015/053375)  
[30] JP (2013-212345) 2013-10-09

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[21] **2,926,722**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**  
[25] EN  
[54] **DETECTING MUTATIONS IN DISEASE OVER TIME**  
[54] **DETECTION, SE FAISANT AU FIL DU TEMPS, DE MUTATIONS DANS LE CADRE D'UNE MALADIE**  
[72] ERLANDER, MARK G., US  
[72] KOSCO, KARENA, US  
[72] VIBAT, CECILE ROSE, US  
[71] TROVAGENE, INC., US  
[85] 2016-04-06  
[86] 2014-10-19 (PCT/US2014/061282)  
[87] (WO2015/058176)  
[30] US (61/893,216) 2013-10-19  
[30] US (61/977,085) 2014-04-08  
[30] US (61/977,609) 2014-04-09  
[30] US (62/040,363) 2014-08-21

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[21] **2,926,723**  
[13] A1

[51] **Int.Cl. H04L 12/723 (2013.01)**  
[25] EN  
[54] **REDIRECTING NETWORK TRAFFIC BASED ON CONTENT**  
[54] **REDIRECTION DE TRAFIC DE RESEAU SUR LA BASE DU CONTENU**

[72] CAPUTO, PETE JOSEPH, II, US  
[72] SELLA, WILLIAM THOMAS, US  
[71] LEVEL 3 COMMUNICATIONS, LLC, US

[85] 2016-04-06  
[86] 2014-08-28 (PCT/US2014/053274)  
[87] (WO2015/053874)  
[30] US (14/047,523) 2013-10-07  
[30] US (14/258,894) 2014-04-22

[21] **2,926,724**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**  
[25] EN  
[54] **GENETIC MARKERS PREDICTIVE OF RESPONSE TO GLATIRAMER ACETATE**  
[54] **MARQUEURS GENETIQUES POUR PREVOIR LA REPONSE A L'ACETATE DE GLATIRAMERE**

[72] TCHELET, AMIR, IL  
[72] HAYDEN, MICHAEL, IL  
[72] HAYARDENY, LIAT, IL  
[72] ROSS, COLIN JAMES DOUGLAS, CA

[72] GROSSMAN, IRIS, IL  
[72] LADKANI, DAVID, IL  
[71] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL

[85] 2016-04-06  
[86] 2014-10-21 (PCT/US2014/061647)  
[87] (WO2015/061367)  
[30] US (61/893,807) 2013-10-21  
[30] US (62/048,127) 2014-09-09  
[30] US (62/048,641) 2014-09-10

[21] **2,926,725**  
[13] A1

[51] **Int.Cl. B41M 5/50 (2006.01) B32B 37/18 (2006.01) B32B 38/00 (2006.01) B41M 5/52 (2006.01)**  
[25] EN  
[54] **A PRINTABLE MAGNETIC RECEPTIVE COMPOSITE SHEET AND METHOD OF MAKING**  
[54] **FEUILLE COMPOSITE RECEPTIVE MAGNETIQUE IMPRIMABLE ET SON PROCEDE DE FABRICATION**

[72] SCHLEICHER, JOHN, E., JR., US  
[71] ULTRAFLEX SYSTEMS, INC., US

[85] 2016-04-06  
[86] 2014-11-25 (PCT/US2014/067210)  
[87] (WO2015/081036)  
[30] US (14/092,231) 2013-11-27  
[30] US (14/546,751) 2014-11-18

[21] **2,926,726**  
[13] A1

[51] **Int.Cl. C07D 489/08 (2006.01) C07D 489/00 (2006.01) C07D 489/02 (2006.01)**  
[25] EN  
[54] **CONVENIENT PREPARATION OF N-SUBSTITUTED MORPHINAN-6-OLS FROM MORPHINAN-6-ONES**  
[54] **PREPARATION PRATIQUE DE MORPHINAN-6-OLS N-SUBSTITUES A PARTIR DE MORPHINAN-6-ONES**

[72] WANG, PETER X., US  
[72] JIANG, TAO, US  
[71] MALLINCKRODT LLC, US

[85] 2016-04-06  
[86] 2014-10-31 (PCT/US2014/063372)  
[87] (WO2015/066443)  
[30] US (61/898,634) 2013-11-01

[21] **2,926,727**  
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G08B 23/00 (2006.01)**  
[25] EN  
[54] **TRACKING SYSTEM FOR HAND HYGIENE**  
[54] **SYSTEME DE SUIVI D'HYGIENE DES MAINS**

[72] ISERI, MERT, US  
[72] MALINA, YURI, US  
[72] HARDMAN, JORI HUNTER, US  
[71] SWIPESENSE, INC., US

[85] 2016-04-06  
[86] 2014-10-24 (PCT/US2014/062229)  
[87] (WO2015/061718)  
[30] US (61/895,759) 2013-10-25

[21] **2,926,728**  
[13] A1

[51] **Int.Cl. H02J 3/38 (2006.01) F03D 9/00 (2016.01)**  
[25] EN  
[54] **METHOD FOR OPERATING A WIND TURBINE**  
[54] **PROCEDE PERMETTANT DE FAIRE FONCTIONNER UNE EOLIENNE**

[72] GIERTZ, HELGE, DE  
[71] WOBLEN PROPERTIES GMBH, DE

[85] 2016-04-07  
[86] 2014-09-26 (PCT/EP2014/070683)  
[87] (WO2015/067408)  
[30] DE (10 2013 222 452.4) 2013-11-05

[21] **2,926,729**  
[13] A1

[51] **Int.Cl. G06F 11/00 (2006.01) G06F 9/445 (2006.01) G06F 13/00 (2006.01) H04N 7/15 (2006.01)**  
[25] EN  
[54] **COMMUNICATION APPARATUS, COMMUNICATION SYSTEM, COMMUNICATION METHOD, AND COMMUNICATION PROGRAM**  
[54] **DISPOSITIF DE COMMUNICATION, SYSTEME DE COMMUNICATION, PROCEDE DE COMMUNICATION ET PROGRAMME DE COMMUNICATION**

[72] TAMURA, HIDEKI, JP  
[72] NAKAMURA, SHIGERU, JP  
[71] RICOH COMPANY, LTD., JP

[85] 2016-04-06  
[86] 2014-09-08 (PCT/JP2014/073705)  
[87] (WO2015/068460)  
[30] JP (2013-229105) 2013-11-05

[21] **2,926,730**  
[13] A1

[51] **Int.Cl. F02C 7/32 (2006.01)**  
[25] FR  
[54] **TURBOMACHINE AUXILIARY DRIVE GEARBOX**  
[54] **BOITIER D'ENTRAINEMENT D'ACCESSOIRES POUR TURBOMACHINE**

[72] VIEL, JULIEN, FR  
[72] PRUNERA-USACH, STEPHANE, FR  
[71] HISPANO SUIZA, FR

[85] 2016-04-07  
[86] 2014-10-07 (PCT/FR2014/052541)  
[87] (WO2015/052430)  
[30] FR (1359910) 2013-10-11

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[21] **2,926,731**  
[13] A1

[51] **Int.Cl. C07D 407/12 (2006.01) A61K 31/343 (2006.01) C07D 407/04 (2006.01)**

[25] EN

[54] **STRIGOLACTONE FORMULATIONS AND USES THEREOF**

[54] **FORMULATIONS DE STRIGOLACTONE ET LEURS UTILISATIONS**

[72] DAVIDSON, ERIC A., US  
[72] BAYER, TRAVIS S., US  
[72] WINDRAM, OLIVER, GB  
[72] HLEBA, YONEK, GB  
[71] ASILOMAR BIO, INC., US  
[85] 2016-04-06  
[86] 2014-10-24 (PCT/US2014/062297)  
[87] (WO2015/061764)  
[30] US (61/895,893) 2013-10-25  
[30] US (61/918,552) 2013-12-19

[21] **2,926,734**  
[13] A1

[51] **Int.Cl. C07H 19/06 (2006.01)**

[25] EN

[54] **SYNTHETIC ROUTE TO 2'-DEOXY-2',2'-DIFLUOROTETRAHYDROURIDIN ES**

[54] **VOIE DE SYNTHÈSE POUR 2'-DESOXY-2',2'-DIFLUOROTETRAHYDROURIDIN ES**

[72] CHOI, HYEONG-WOOK, US  
[72] MATHIEU, STEVEN, US  
[72] FANG, FRANK, US  
[72] LEWIS, BRYAN MATTHEW, US  
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP  
[85] 2016-04-06  
[86] 2014-10-29 (PCT/US2014/062874)  
[87] (WO2015/066162)  
[30] US (61/896,703) 2013-10-29

[21] **2,926,736**  
[13] A1

[51] **Int.Cl. A61K 31/4745 (2006.01) A61K 9/10 (2006.01) A61P 17/02 (2006.01) A61P 17/12 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) C07D 471/04 (2006.01)**

[25] EN

[54] **SESAME OIL BASED INJECTION FORMULATIONS**

[54] **FORMULATIONS D'INJECTION A BASE D'HUILE DE SESAME**

[72] BEAURLINE, JOSEPH, US  
[72] ELVECROG, JAMES, US  
[72] VASILAKOS, JOHN, US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2016-04-06  
[86] 2014-10-30 (PCT/US2014/063095)  
[87] (WO2015/069535)  
[30] US (61/900,255) 2013-11-05

[21] **2,926,733**  
[13] A1

[51] **Int.Cl. A61D 19/02 (2006.01)**

[25] FR

[54] **CONTAINER STRAW FOR PRESERVING A PREDETERMINED DOSE OF LIQUID-BASED SUBSTANCE, NOTABLY PURE OR DILUTE ANIMAL SEMEN; AND ASSEMBLY COMPRISING THE SAME**

[54] **PAILLETTE POUR LA CONSERVATION D'UNE DOSE PREDETERMINEE DE SUBSTANCE A BASE LIQUIDE, NOTAMMENT DE LA SEMENCE ANIMALE PURE OU DILUEE; ET ENSEMBLE LA COMPORTANT**

[72] SCHMITT, ERIC, FR  
[72] CARION, OLIVIER, FR  
[72] GORGES, JEAN-CHARLES, FR  
[71] IMV TECHNOLOGIES, FR  
[85] 2016-04-07  
[86] 2014-10-13 (PCT/FR2014/052597)  
[87] (WO2015/055929)  
[30] FR (1360036) 2013-10-15

[21] **2,926,735**  
[13] A1

[51] **Int.Cl. A61D 19/02 (2006.01)**

[25] FR

[54] **STRAW FOR CONSERVING A PRE-DETERMINED DOSE OF A LIQUID-BASED SUBSTANCE, ESPECIALLY PURE OR DILUTED ANIMAL SEMEN, AND ASSEMBLY COMPRISING SAME**

[54] **PAILLETTE POUR LA CONSERVATION D'UNE DOSE PREDETERMINEE DE SUBSTANCE A BASE LIQUIDE, NOTAMMENT DE LA SEMENCE ANIMALE PURE OU DILUEE; ET ENSEMBLE LA COMPORTANT**

[72] SCHMITT, ERIC, FR  
[72] GORGES, JEAN-CHARLES, FR  
[72] CARION, OLIVIER, FR  
[71] IMV TECHNOLOGIES, FR  
[85] 2016-04-07  
[86] 2014-10-13 (PCT/FR2014/052598)  
[87] (WO2015/055930)  
[30] FR (1360037) 2013-10-15

[21] **2,926,737**  
[13] A1

[51] **Int.Cl. C23C 22/46 (2006.01) C10M 173/02 (2006.01) C23C 22/83 (2006.01)**

[25] EN

[54] **METHOD FOR PREPARING SHAPED METAL BODIES FOR COLD FORMING**

[54] **PROCEDE DE PREPARATION D'ARTICLES FACONNES METALLIQUES EN VUE DU FORMAGE A FROID**

[72] GUTTLER, BENJAMIN, DE  
[72] SCHNEIDER, RALF, DE  
[72] HOLLMANN, FRANK, DE  
[72] DE LUIS GARCIA, GORKA, ES  
[72] NIEVES QUINTANA, INAKI, ES  
[72] ORBEN, MARTIN, DE  
[72] SCHWINKE-KRUSE, NORBERT, DE  
[71] CHEMETALL GMBH, DE  
[85] 2016-04-07  
[86] 2014-10-16 (PCT/EP2014/072191)  
[87] (WO2015/055756)  
[30] DE (10 2013 221 107.4) 2013-10-17

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[21] **2,926,738**  
[13] A1

[51] **Int.Cl. G21C 9/00 (2006.01) G21C 13/024 (2006.01) G21C 13/032 (2006.01) G21C 13/04 (2006.01) G21D 1/00 (2006.01) G21D 3/04 (2006.01) G21C 1/32 (2006.01)**

[25] EN

[54] **SEISMIC ATTENUATION SYSTEM FOR A NUCLEAR REACTOR**

[54] **SYSTEME D'ATTENUATION SISMIQUE POUR UN REACTEUR NUCLEAIRE**

[72] LISZKAI, TAMAS, US

[72] CADELL, SETH, US

[71] NUSCALE POWER, LLC, US

[85] 2016-04-06

[86] 2014-10-30 (PCT/US2014/063127)

[87] (WO2015/102742)

[30] US (61/922,541) 2013-12-31

[30] US (14/528,123) 2014-10-30

[21] **2,926,740**  
[13] A1

[51] **Int.Cl. A61B 17/80 (2006.01) A61B 17/84 (2006.01)**

[25] EN

[54] **TPLO PLATE WITH SUTURE HOLES FOR ROTATIONAL STABILITY**

[54] **PLAQUE DE TPLO POURVUE DE TROUS DE SUTURE SERVANT A LA STABILITE DE LA ROTATION**

[72] DUNLOP, JAMES R., US

[72] KARNES, GREGORY J., US

[72] ROLLER, BRANDON L., US

[72] POZZI, ANTONIO, US

[72] COOK, JAMES L., US

[71] ARTHREX, INC., US

[85] 2016-04-06

[86] 2014-11-05 (PCT/US2014/064072)

[87] (WO2015/069728)

[30] US (61/900,123) 2013-11-05

[21] **2,926,744**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**

[25] EN

[54] **DISEASE-SCREENING METHOD, MODULE AND COMPUTER PROGRAM, USING SAMPLES TAKEN FROM AN INDIVIDUAL**

[54] **PROCEDE, MODULE ET PROGRAMME D'ORDINATEUR, DE DEPISTAGE DE MALADIE(S) PAR PRELEVEMENT SUR UN INDIVIDU**

[72] PELTIER, ERIC, FR

[71] NOVACYT, FR

[85] 2016-04-07

[86] 2014-10-09 (PCT/EP2014/071702)

[87] (WO2015/052302)

[30] FR (13 59886) 2013-10-11

[21] **2,926,739**  
[13] A1

[51] **Int.Cl. H04L 5/00 (2006.01) H04L 27/00 (2006.01) H04L 27/26 (2006.01)**

[25] EN

[54] **METHODS AND APPARATUS FOR WIRELESS COMMUNICATION USING A MIXED FORMAT**

[54] **PROCEDES ET APPAREIL DE COMMUNICATIONS SANS FIL UTILISANT UN FORMAT MIXTE**

[72] TANDRA, RAHUL, US

[72] VERMANI, SAMEER, US

[72] TIAN, BIN, US

[72] YANG, LIN, US

[71] QUALCOMM INCORPORATED, US

[85] 2016-04-06

[86] 2014-10-30 (PCT/US2014/063143)

[87] (WO2015/066318)

[30] US (61/898,900) 2013-11-01

[30] US (14/527,597) 2014-10-29

[21] **2,926,743**  
[13] A1

[51] **Int.Cl. G06F 1/26 (2006.01)**

[25] EN

[54] **DEVICES AND METHODS FOR FACILITATING USB CHARGER DETECTION**

[54] **DISPOSITIFS ET PROCEDES POUR FACILITER UNE DETECTION DE CHARGEUR USB**

[72] REMPLE, TERRENCE BRIAN, US

[72] PATNAIK, DEVDUTT, US

[72] CHOI, JAY YU JAE, US

[71] QUALCOMM INCORPORATED, US

[85] 2016-04-06

[86] 2014-11-06 (PCT/US2014/064297)

[87] (WO2015/073294)

[30] US (14/083,234) 2013-11-18

[21] **2,926,745**  
[13] A1

[51] **Int.Cl. G06Q 30/06 (2012.01) G06F 7/04 (2006.01) G06F 7/06 (2006.01)**

[25] EN

[54] **AUTOMATED COMPUTER CONTROLLED SYSTEM FOR MEASURING THE CONSUMPTION OF PRINTER RESOURCES AND TRANSACTING ENVIRONMENTAL OFFSETS**

[54] **SYSTEME AUTOMATIQUE CONTROLE PAR ORDINATEUR PERMETTANT DE MESURER LA CONSOMMATION DE RESSOURCES D'IMPRIMANTE ET D'EFFECTUER DES COMPENSATIONS ENVIRONNEMENTALES**

[72] DARRAGH, JORDAN, US

[71] PRINTRELEAF, INC., US

[85] 2016-04-06

[86] 2014-11-12 (PCT/US2014/065301)

[87] (WO2015/073585)

[30] US (61/903,174) 2013-11-12

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[21] **2,926,746**  
[13] A1

[51] **Int.Cl. H01M 8/04 (2016.01) H01M 8/06 (2016.01) H01M 8/10 (2016.01)**  
[25] EN  
[54] **FUEL CELL SYSTEM AND METHOD FOR CONTROLLING FUEL CELL SYSTEM**  
[54] **SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE PERMETTANT DE REGULER UN SYSTEME DE PILE A COMBUSTIBLE**  
[72] HOSHI, KIYOSHI, JP  
[71] NISSAN MOTOR CO., LTD., JP  
[85] 2016-04-06  
[86] 2014-09-10 (PCT/JP2014/073961)  
[87] (WO2015/053034)  
[30] JP (2013-211335) 2013-10-08

[21] **2,926,747**  
[13] A1

[51] **Int.Cl. A61K 31/436 (2006.01) A61P 25/28 (2006.01)**  
[25] EN  
[54] **USE OF MTOR INHIBITORS TO TREAT VASCULAR COGNITIVE IMPAIRMENT**  
[54] **UTILISATION D'INHIBITEURS MTOR POUR TRAITER LE DEFICIT COGNITIF VASCULAIRE**  
[72] RICHARDSON, ARLAN, US  
[72] GALVAN, VERONICA, US  
[72] LIN, AI-LING, US  
[72] FOX, PETER, US  
[72] VAUGHN, DANA M., US  
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US  
[85] 2016-04-07  
[86] 2013-10-11 (PCT/US2013/064575)  
[87] (WO2014/059295)  
[30] US (61/713,407) 2012-10-12

[21] **2,926,748**  
[13] A1

[51] **Int.Cl. A61B 17/072 (2006.01)**  
[25] EN  
[54] **SURGICAL FASTENER APPLYING APPARATUS**  
[54] **APPAREIL D'APPLICATION D'AGRAFES CHIRURGICALES**  
[72] GUPTA, ARVIND KUMAR, IN  
[72] DHAKAD, HARSHOTTA SINGH, IN  
[72] GARIKIPATI, KIRAN, IN  
[72] KATRE, NIKHIL R., IN  
[72] VIVEKANANDAN, VINAYAN, IN  
[72] PATANKAR, MANGESH, IN  
[71] COVIDIEN LP, US  
[85] 2016-04-07  
[86] 2013-11-04 (PCT/US2013/068253)  
[87] (WO2015/065486)

[21] **2,926,750**  
[13] A1

[51] **Int.Cl. A61B 17/072 (2006.01)**  
[25] EN  
[54] **SURGICAL FASTENER APPLYING APPARATUS**  
[54] **APPAREIL D'APPLICATION D'AGRAFES CHIRURGICALES**  
[72] GUPTA, ARVIND KUMAR, IN  
[72] DHAKAD, HARSHOTTAM SINGH, IN  
[72] GARIKIPATI, KIRAN, IN  
[72] KATRE, NIKHIL R., IN  
[72] VIVEKANANDAN, VINAYAN, IN  
[71] COVIDIEN LP, US  
[85] 2016-04-07  
[86] 2013-11-04 (PCT/US2013/068247)  
[87] (WO2015/065485)

[21] **2,926,751**  
[13] A1

[51] **Int.Cl. A61B 17/072 (2006.01)**  
[25] EN  
[54] **SURGICAL FASTENER APPLYING APPARATUS**  
[54] **APPAREIL D'APPLICATION D'AGRAFES CHIRURGICALES**  
[72] PATANKAR, MANGESH, IN  
[72] SHELKE, RAJESH T., IN  
[72] KAPADIA, SALMAN, IN  
[72] KATRE, NIKHIL R., IN  
[72] SHAH, SACHIN, US  
[71] COVIDIEN LP, US  
[85] 2016-04-07  
[86] 2013-11-04 (PCT/US2013/068216)  
[87] (WO2015/065482)

[21] **2,926,753**  
[13] A1

[51] **Int.Cl. H04L 29/08 (2006.01) H04W 8/00 (2009.01) H04W 12/02 (2009.01) H04W 48/08 (2009.01) H04W 84/12 (2009.01)**  
[25] EN  
[54] **PRIVATE SERVICE IDENTIFIERS INCLUDING HASH VALUES IN NEIGHBORHOOD AWARE NETWORKS**  
[54] **IDENTIFICATEURS DE SERVICES PRIVES CONTENANT DES VALEURS DE HACHAGE DANS DES RESEAUX A CONNAISSANCE DU VOISINAGE**  
[72] ABRAHAM, SANTOSH PAUL, US  
[72] RAISSINIA, ALIREZA, US  
[72] CHERIAN, GEORGE, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2016-04-06  
[86] 2014-11-17 (PCT/US2014/065942)  
[87] (WO2015/073966)  
[30] US (61/905,704) 2013-11-18  
[30] US (62/005,737) 2014-05-30  
[30] US (62/022,135) 2014-07-08  
[30] US (14/542,328) 2014-11-14

[21] **2,926,754**  
[13] A1

[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/496 (2006.01) A61P 25/18 (2006.01) C07D 409/06 (2006.01) C07D 409/14 (2006.01) C07D 417/14 (2006.01)**  
[25] EN  
[54] **PIPERAZINE DERIVATIVES AND THE USE THEREOF AS MEDICAMENT**  
[54] **DERIVES DE PIPERAZINE ET LEUR UTILISATION EN TANT QUE MEDICAMENT**  
[72] HOENKE, CHRISTOPH, DE  
[72] GIOVANNINI, RICCARDO, DE  
[72] LESSEL, UTA, DE  
[72] ROSENBROCK, HOLGER, DE  
[72] SCHMID, BERNHARD, DE  
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE  
[85] 2016-04-07  
[86] 2014-10-15 (PCT/EP2014/072085)  
[87] (WO2015/055698)  
[30] EP (13188904.0) 2013-10-16

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[21] **2,926,755**  
[13] A1

[51] **Int.Cl. E21B 7/20 (2006.01) E21B 19/02 (2006.01)**  
[25] EN  
[54] **USE OF MULTIPLE STACKED COILED TUBING (CT) INJECTORS FOR RUNNING HYBRID STRINGS OF CT AND JOINTED PIPE OR MULTIPLE CT STRINGS**  
[54] **UTILISATION DE MULTIPLES INJECTEURS A TUBE SPIRALE (CT) EMPILES POUR FAIRE FONCTIONNER DES TRAINS DE TIGES HYBRIDES DE CT ET DES TUYAUX RELIES OU DE MULTIPLES TRAINS DE TIGES DE CT**  
[72] HAMPSON, RICHARD J., GB  
[72] FOUBISTER, JONH WILLIAM, GB  
[72] CORNEY, IAN DAVID, GB  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2016-04-06  
[86] 2014-11-24 (PCT/US2014/067027)  
[87] (WO2015/077678)  
[30] US (14/088,959) 2013-11-25

[21] **2,926,757**  
[13] A1

[51] **Int.Cl. C01B 3/38 (2006.01) B01J 8/06 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR PRODUCING HYDROGEN USING AN OXYGEN TRANSPORT MEMBRANE BASED REFORMING SYSTEM WITH SECONDARY REFORMING**  
[54] **PROCEDE ET SYSTEME DE PRODUCTION D'HYDROGENE AU MOYEN D'UN SYSTEME DE REFORMAGE A BASE DE MEMBRANE DE TRANSPORT D'OXYGENE AVEC UN REFORMAGE SECONDAIRE**  
[72] CHAKRAVARTI, SHRIKAR, US  
[72] DRNEVICH, RAYMOND F., US  
[72] STUCKERT, INES C., US  
[72] SHAH, MINISH M., US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[85] 2016-04-06  
[86] 2014-12-01 (PCT/US2014/067928)  
[87] (WO2015/084729)  
[30] US (61/910,697) 2013-12-02

[21] **2,926,759**  
[13] A1

[51] **Int.Cl. B01J 37/20 (2006.01) B01J 23/883 (2006.01) B01J 27/19 (2006.01) B01J 37/00 (2006.01) B01J 37/02 (2006.01) C10G 45/08 (2006.01) B01J 31/04 (2006.01) B01J 35/00 (2006.01) B01J 35/10 (2006.01) B01J 37/28 (2006.01)**  
[25] EN  
[54] **PROCESS FOR PREPARING A HYDROTREATING CATALYST**  
[54] **PROCEDE PERMETTANT DE PREPARER UN CATALYSEUR D'HYDROTRAITEMENT**  
[72] WINTER, FERRY, NL  
[72] VAN WELSENES, JAN AREND, NL  
[72] RIGUTTO, MARCELLO STEFANO, NL  
[72] GILTAY, PATRICIA JOHANNA ANNE MARIA, NL  
[72] VAN VLAANDEREN, JOHANNES JACOBUS MARIA, NL  
[72] AZGHAY, ALI, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2016-04-07  
[86] 2014-11-04 (PCT/EP2014/073637)  
[87] (WO2015/067583)  
[30] EP (13191902.9) 2013-11-07

[21] **2,926,761**  
[13] A1

[51] **Int.Cl. A61M 5/14 (2006.01) G06Q 50/22 (2012.01) A61J 7/00 (2006.01) A61M 5/145 (2006.01) A61M 5/168 (2006.01)**  
[25] EN  
[54] **INSULIN MANAGEMENT**  
[54] **GESTION D'INSULINE**  
[72] BOOTH, ROBERT C., US  
[72] HEBBLEWHITE, HARRY, US  
[71] ASEKO, INC., US  
[85] 2016-04-06  
[86] 2015-01-13 (PCT/US2015/011086)  
[87] (WO2015/116371)  
[30] US (61/934,300) 2014-01-31  
[30] US (14/511,060) 2014-10-09

[21] **2,926,763**  
[13] A1

[51] **Int.Cl. E04H 12/22 (2006.01) E02D 5/80 (2006.01) E04H 17/22 (2006.01)**  
[25] EN  
[54] **GROUND ANCHOR WITH TILT COMPENSATION**  
[54] **ANCRE DE SOL A COMPENSATION D'INCLINAISON**  
[72] PAANANEN, TUOMO, FI  
[71] PAANANEN, TUOMO, FI  
[85] 2016-04-07  
[86] 2013-10-08 (PCT/FI2013/000036)  
[87] (WO2014/057161)  
[30] FI (20126054) 2012-10-09

[21] **2,926,766**  
[13] A1

[51] **Int.Cl. H04H 20/59 (2009.01)**  
[25] EN  
[54] **RECEPTION DEVICE AND RECEPTION METHOD FOR RECEIVING EMERGENCY ALERT INFORMATION, COMPUTER PROGRAM, AND EXTERNAL DEVICE**  
[54] **DISPOSITIF ET PROCEDE DE RECEPTION DESTINES A RECEVOIR DES INFORMATIONS D'ALERTE D'URGENCE, PROGRAMME D'ORDINATEUR ET DISPOSITIF EXTERNE**  
[72] TAKAHASHI, KAZUYUKI, JP  
[72] YAMANE, TAKETOSHI, JP  
[71] SONY CORPORATION, JP  
[85] 2016-04-07  
[86] 2014-09-12 (PCT/JP2014/004729)  
[87] (WO2015/056401)  
[30] JP (2013-217719) 2013-10-18

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[21] **2,926,768**  
[13] A1

[51] **Int.Cl. B22F 7/06 (2006.01) B22F 3/02 (2006.01) F04D 29/54 (2006.01) F04D 29/64 (2006.01)**

[25] EN

[54] **METHOD FOR JOINTING METAL INJECTION MOLDED PARTS**

[54] **PROCEDE PERMETTANT DE LIER DES CORPS MOULES PAR INJECTION DE POUDRES METALLIQUES**

[72] YOSHIZAWA, HIROKI, JP

[72] SATOH, SHIGEYUKI, JP

[72] TSUNO, NOBUYASU, JP

[72] YONEYAMA, NATSUKI, JP

[72] IKEDA, SHUJI, JP

[72] YOSHINOUCI, TAKASHI, JP

[72] SATAKE, MASAYUKI, JP

[71] IHI CORPORATION, JP

[85] 2016-04-07

[86] 2014-09-17 (PCT/JP2014/074514)

[87] (WO2015/056513)

[30] JP (2013-214346) 2013-10-15

[21] **2,926,769**  
[13] A1

[51] **Int.Cl. B66B 1/34 (2006.01) B66B 5/00 (2006.01)**

[25] EN

[54] **SAFETY RELATED ELEVATOR SERIAL COMMUNICATION TECHNOLOGY**

[54] **TECHNOLOGIE DE COMMUNICATION EN SERIE LIEE A LA SECURITE POUR ASCENSEUR**

[72] TAYLOR, CHRISTOPHER, US

[72] THURMOND, CHARLIE, US

[72] SPEGGIORIN, FABIO, US

[71] THYSSENKRUPP ELEVATOR AG, DE

[85] 2016-04-07

[86] 2014-10-23 (PCT/IB2014/002553)

[87] (WO2015/059565)

[30] US (61/895,477) 2013-10-25

[30] US (14/219,494) 2014-03-19

[21] **2,926,770**  
[13] A1

[51] **Int.Cl. G06Q 10/10 (2012.01)**

[25] EN

[54] **INTERACTIVE TIME MANAGEMENT TOOL**

[54] **OUTIL INTERACTIF DE GESTION DU TEMPS**

[72] MARCOTTE, PIERRE, CA

[71] SOCIETE PAR ACTIONS ARANATHA, CA

[85] 2015-12-23

[86] 2012-06-27 (PCT/CA2012/050431)

[87] (WO2014/000082)

[21] **2,926,772**  
[13] A1

[51] **Int.Cl. A61M 16/20 (2006.01) A61M 16/00 (2006.01) A61M 16/06 (2006.01)**

[25] EN

[54] **OPENING AND CLOSING DEVICE AND RESPIRATORY ASSISTANCE DEVICE**

[54] **DISPOSITIF D'OUVERTURE ET DE FERMETURE ET DISPOSITIF D'ASSISTANCE RESPIRATOIRE**

[72] NITTA, KAZUFUKU, JP

[71] METRAN CO., LTD., JP

[85] 2016-04-07

[86] 2014-09-17 (PCT/JP2014/074569)

[87] (WO2015/053054)

[30] JP (2013-213655) 2013-10-11

[21] **2,926,773**  
[13] A1

[51] **Int.Cl. C07D 471/08 (2006.01) A61K 31/439 (2006.01) A61P 31/00 (2006.01)**

[25] EN

[54] **NITROGEN CONTAINING COMPOUNDS AND THEIR USE**

[54] **COMPOSES AZOTES ET LEUR UTILISATION**

[72] DESHPANDE, PRASAD KESHAV, IN

[72] PAWAR, SHIVAJI SAMPATRAO, IN

[72] BHAWSAR, SATISH, IN

[72] YEOLE, RAVINDRA DATTATRAYA, IN

[72] BHAGWAT, SACHIN, IN

[72] PATEL, MAHESH VITHALBHAI, IN

[71] WOCKHARDT LIMITED, IN

[85] 2016-04-07

[86] 2014-10-10 (PCT/IB2014/065195)

[87] (WO2015/052682)

[30] IN (3216/MUM/2013) 2013-10-11

[21] **2,926,774**  
[13] A1

[51] **Int.Cl. B60R 19/34 (2006.01) B62D 25/20 (2006.01) F16F 7/00 (2006.01) F16F 7/12 (2006.01)**

[25] EN

[54] **CRASH BOX AND METHOD FOR PRODUCING THE SAME**

[54] **BOITE COMPRESSIBLE ET SON PROCEDE DE FABRICATION**

[72] NISHIMURA, RYUICHI, JP

[72] OTSUKA, KENICHIRO, JP

[72] ITO, YASUHIRO, JP

[72] NAKAZAWA, YOSHIAKI, JP

[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2016-04-07

[86] 2014-09-24 (PCT/JP2014/075191)

[87] (WO2015/053075)

[30] JP (2013-212070) 2013-10-09

[21] **2,926,776**  
[13] A1

[51] **Int.Cl. A47K 1/04 (2006.01) A47K 1/06 (2006.01)**

[25] EN

[54] **APPARATUS SECURING A LINER TO A BASIN AND A CORRESPONDING METHOD FOR WASHING A PATIENT**

[54] **APPAREIL DE LAVAGE D'UN PATIENT ET PROCEDE DE FOURNITURE D'UN BAC POUR LAVER UN PATIENT**

[72] MALONE, MICHAEL, IE

[72] CLONEY, MICHAEL, IE

[72] CAMBIE, ANITA, IE

[71] CMC HYGEA LIMITED, IE

[85] 2016-04-07

[86] 2013-12-04 (PCT/IE2013/000026)

[87] (WO2014/087391)

[30] IE (S2012/0524) 2012-12-04

[30] IE (S2013/0339) 2013-11-05

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[21] **2,926,777**  
[13] A1

[51] **Int.Cl. F25B 41/00 (2006.01) F25B 5/04 (2006.01) F25B 25/00 (2006.01) F25D 17/02 (2006.01) F25B 23/00 (2006.01)**

[25] EN

[54] **COOLING SYSTEMS AND METHODS INCORPORATING A PLURAL IN SERIES PUMPED LIQUID REFRIGERANT TRIM EVAPORATOR CYCLE**

[54] **SYSTEMES ET PROCEDES DE REFROIDISSEMENT COMPRENANT UN CYCLE D'EVAPORATEUR DE GARNITURE DE FLUIDE FRIGORIGENE LIQUIDE POMPE EN SERIES**

[72] MCDONNELL, GERALD, US  
[72] KEISLING, EARL, US  
[71] INERTECH IP LLC, US  
[85] 2016-04-07  
[86] 2013-10-09 (PCT/US2013/064186)  
[87] (WO2014/059054)  
[30] US (61/711,736) 2012-10-09

[21] **2,926,780**  
[13] A1

[51] **Int.Cl. A61M 5/20 (2006.01)**

[25] EN

[54] **POWER PACK FOR AN AUTOINJECTOR AND AUTOINJECTOR CONTAINING SAME**

[54] **BLOC D'ALIMENTATION POUR UN AUTO-INJECTEUR, ET AUTO-INJECTEUR LE COMPRENANT**

[72] DESALVO, DAVID, US  
[72] GUILLERMO, CARLOS, US  
[71] NUANCE DESIGNS OF CT, LLC, US  
[85] 2016-04-07  
[86] 2013-10-23 (PCT/US2013/066298)  
[87] (WO2014/066461)  
[30] US (61/717,704) 2012-10-24  
[30] US (14/060,176) 2013-10-22  
[30] US (14/060,236) 2013-10-22

[21] **2,926,782**  
[13] A1

[51] **Int.Cl. A61B 17/072 (2006.01)**

[25] EN

[54] **SURGICAL FASTENER APPLYING APPARATUS**

[54] **APPAREIL D'APPLICATION D'AGRAFES CHIRURGICALES**

[72] GUPTA, ARVIND KUMAR, IN  
[72] DHAKAD, HARSHOTTAM SINGH, IN  
[72] GARIKIPATI, KIRAN, IN  
[72] KATRE, NIKHIL R., IN  
[72] VIVEKANANDAN, VINAYAN, IN  
[72] PATANKAR, MANGESH, IN  
[71] COVIDIEN LP, US  
[85] 2016-04-07  
[86] 2013-11-04 (PCT/US2013/068263)  
[87] (WO2015/065487)

[21] **2,926,784**  
[13] A1

[51] **Int.Cl. B03B 5/66 (2006.01) B03B 11/00 (2006.01) B03D 1/24 (2006.01)**

[25] EN

[54] **IMPROVED AIR-ASSISTED SEPARATION SYSTEM**

[54] **SYSTEME DE SEPARATION A ASSISTANCE PNEUMATIQUE AMELIORE**

[72] MANKOSA, MICHAEL J., US  
[72] KOHMUENCH, JAISEN N., US  
[72] YAN, ERIC S., US  
[71] ERIEZ MANUFACTURING CO., US  
[85] 2016-04-07  
[86] 2013-11-06 (PCT/US2013/068754)  
[87] (WO2015/057246)  
[30] US (14/056,677) 2013-10-17

[21] **2,926,786**  
[13] A1

[51] **Int.Cl. E21B 12/02 (2006.01) E21B 10/42 (2006.01)**

[25] EN

[54] **DYNAMIC WEAR PREDICTION FOR FIXED CUTTER DRILL BITS**

[54] **PREDICTION D'USURE DYNAMIQUE POUR TREPANS A ELEMENTS DE COUPE FIXES EN FOND**

[72] DA SILVA, NUNO, BE  
[72] SILLEN, VALERIE, BE  
[72] REGNARD, STEPHAN, BE  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2016-04-07  
[86] 2013-11-08 (PCT/US2013/069187)  
[87] (WO2015/069276)

[21] **2,926,787**  
[13] A1

[51] **Int.Cl. C09K 8/035 (2006.01) E21B 43/22 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR REDUCING TREATING PRESSURE OF CROSSLINKED CARBOXYMETHYL CELLULOSE-BASED FRACTURING FLUIDS**

[54] **SYSTEMES ET PROCEDES PERMETTANT DE REDUIRE LA PRESSION DE TRAITEMENT DE FLUIDES DE FRACTURATION A BASE DE CARBOXYMETHYLCELLULOSE RETICULEE**

[72] HU, YUNTAO THOMAS, US  
[72] RUSSELL, AARON GENE, US  
[72] HOLTSCLOW, JEREMY, US  
[72] SINGH, DIPTI, US  
[72] SCHNOOR, ELI ALLEN, US  
[72] DURBIN, DONALD V., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2016-04-07  
[86] 2013-11-11 (PCT/US2013/069482)  
[87] (WO2015/069298)

[21] **2,926,788**  
[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/16 (2006.01) E21B 49/00 (2006.01)**

[25] EN

[54] **DESIGNING WELLBORE COMPLETION INTERVALS**

[54] **CONCEPTION D'INTERVALLES DE COMPLETION DE Puits DE FORAGE**

[72] WALTERS, HAROLD GRAYSON, US  
[72] LANGENWALTER, RICHARD JAMES, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2016-04-07  
[86] 2013-11-11 (PCT/US2013/069498)  
[87] (WO2015/069299)

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[13] A1

[51] **Int.Cl. A61K 8/39 (2006.01) A61K 8/42 (2006.01) A61K 8/44 (2006.01) A61K 8/45 (2006.01) A61K 8/46 (2006.01) A61K 8/86 (2006.01) A61Q 19/10 (2006.01)**

[25] EN

[54] **LIQUID HAND SOAPS AND BODY WASHES**

[54] **SAVONS LIQUIDES POUR LES MAINS ET POUR LE CORPS**

[72] PIMENTA, PALOMA, US

[72] CARLONE, DARRICK, US

[72] ALVARADO, EMMA, US

[72] HARMALKER, SUBHASH, US

[72] HOLERCA, MARIAN NICUSOR, US

[72] ARVANITIDOU, EVANGELIA S., US

[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2016-04-07

[86] 2013-11-22 (PCT/US2013/071386)

[87] (WO2015/076816)

[21] **2,926,790**  
[13] A1

[51] **Int.Cl. C11D 9/32 (2006.01) C11D 17/00 (2006.01)**

[25] EN

[54] **SOAP BAR**

[54] **PAIN DE SAVON**

[72] GU, BEN, US

[72] CHUPA, JANINE, US

[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2016-04-07

[86] 2013-12-10 (PCT/US2013/074004)

[87] (WO2015/088489)

[21] **2,926,791**  
[13] A1

[51] **Int.Cl. G02C 3/00 (2006.01)**

[25] EN

[54] **EXPANDABLE EYEWEAR WITH FLEXIBLE BAND**

[54] **ARTICLE DE LUNETTERIE EXTENSIBLE AYANT UNE BANDE FLEXIBLE**

[72] LANDO, RON, US

[71] CLIC GOGGLES, INC., US

[85] 2016-04-07

[86] 2014-07-03 (PCT/US2014/045492)

[87] (WO2015/073067)

[30] US (14/080,365) 2013-11-14

[21] **2,926,792**  
[13] A1

[51] **Int.Cl. A61K 47/34 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **A NOVEL PLGA-MODIFIED POLYETHYLENIMINE SELF-ASSEMBLY NANOTECHNOLOGY FOR NUCLEIC ACID AND DRUG DELIVERY**

[54] **NOUVELLE NANOTECHNOLOGIE D'AUTO-ASSEMBLAGE DE POLYETHYLENIMINE MODIFIEE PAR PLGA**

[72] LU, JIAN-MING, US

[72] YAO, QIZHI, US

[72] CHEN, CHANGYI, US

[71] BAYLOR COLLEGE OF MEDICINE, US

[85] 2016-04-07

[86] 2014-08-13 (PCT/US2014/050930)

[87] (WO2015/023775)

[30] US (61/865,189) 2013-08-13

[21] **2,926,793**  
[13] A1

[51] **Int.Cl. A61K 31/4965 (2006.01) A61K 31/497 (2006.01) A61K 31/506 (2006.01) A61P 11/00 (2006.01)**

[25] EN

[54] **SPRAY-DRY FORMULATIONS**

[54] **FORMULATIONS SECHES DE PULVERISATION**

[72] ZISMAN, LAWRENCE S., US

[71] ZISMAN, LAWRENCE S., US

[85] 2016-04-07

[86] 2014-10-10 (PCT/US2014/060039)

[87] (WO2015/054574)

[30] US (61/889,887) 2013-10-11

[21] **2,926,794**  
[13] A1

[51] **Int.Cl. F21V 17/00 (2006.01) F21K 99/00 (2016.01) F21V 31/00 (2006.01)**

[25] EN

[54] **LIGHTING DEVICE**

[54] **DISPOSITIF D'ECLAIRAGE**

[72] EVITT, JONATHAN, GB

[71] THE WAND LITE COMPANY LIMITED, GB

[85] 2016-04-07

[86] 2013-11-04 (PCT/GB2013/052876)

[87] (WO2014/068335)

[30] GB (1219792.7) 2012-11-02

[30] GB (1223391.2) 2012-12-24

[21] **2,926,795**  
[13] A1

[51] **Int.Cl. H01M 2/36 (2006.01) H01M 2/38 (2006.01) H01M 10/02 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR MEASURING TRANSIENT STATE-OF-CHARGE USING INLET/OUTLET POTENTIALS**

[54] **PROCEDE ET APPAREIL POUR MESURER UN ETAT DE CHARGE TRANSITOIRE A L'AIDE DES POTENTIELS D'ENTREE/SORTIE**

[72] GOELTZ, JOHN, US

[72] DUFFEY, KEAN, US

[72] KING, EVAN R., US

[71] LOCKHEED MARTIN ADVANCED ENERGY STORAGE, LLC, US

[85] 2016-04-07

[86] 2014-10-13 (PCT/US2014/060236)

[87] (WO2015/057550)

[30] US (61/891,483) 2013-10-16

[21] **2,926,796**  
[13] A1

[51] **Int.Cl. H01M 4/58 (2010.01) H01M 10/052 (2010.01) C01B 17/02 (2006.01) C01B 31/02 (2006.01)**

[25] EN

[54] **HIGH-PERFORMANCE CATHODE MATERIALS FOR LITHIUM SULFUR BATTERIES FROM LIGNOSULFONATE**

[54] **MATERIAUX DE CATHODES A HAUTES PERFORMANCES POUR BATTERIES LITHIUM-SOUFRE A BASE DE LIGNOSULFONATE**

[72] SIMMONS, TREVOR, US

[72] MUKHERJEE, RAHUL, US

[71] RENSSELAER POLYTECHNIC INSTITUTE, US

[85] 2016-04-07

[86] 2014-10-14 (PCT/US2014/060408)

[87] (WO2015/057652)

[30] US (61/890,355) 2013-10-14

# Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

## Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

<p style="text-align: right; margin-bottom: 0;"><b>[21] 2,906,583</b> [13] A1</p> <p>[51] <b>Int.Cl. A23L 5/41 (2016.01) A23K 20/10 (2016.01) A23L 29/00 (2016.01) A23L 29/10 (2016.01) A23D 9/007 (2006.01) A23J 7/00 (2006.01) A61K 8/36 (2006.01) A61K 8/55 (2006.01) A61K 31/20 (2006.01) A61K 31/685 (2006.01)</b></p> <p>[25] EN [54] <b>A METHOD FOR SUPPRESSING HEAT DISCOLORATION OF LECITHIN</b></p> <p>[54] <b>UNE METHODE DE SUPPRESSION DE LA DECOLORATION THERMIQUE DE LA LECITHINE</b></p> <p>[72] FUJIMOTO, YUKI, JP [72] HAYASHI, AKIHITO, JP [72] HAMAGUCHI, NOBUTOSHI, JP [71] TSUJI OIL MILLS CO., LTD., JP [22] 2015-09-30 [41] 2016-04-07 [30] JP (2014-206771) 2014-10-07</p>	<p style="text-align: right; margin-bottom: 0;"><b>[21] 2,923,740</b> [13] A1</p> <p>[51] <b>Int.Cl. G06F 21/57 (2013.01) G06F 9/44 (2006.01)</b></p> <p>[25] EN [54] <b>SOFTWARE CODE SIGNING SYSTEM AND METHOD</b></p> <p>[54] <b>SYSTEME ET PROCEDE DE SIGNATURE PAR CODE</b></p> <p>[72] YACH, DAVID P., CA [72] BROWN, MICHAEL S., CA [72] LITTLE, HERBERT A., CA [71] BLACKBERRY LIMITED, CA [22] 2001-09-20 [41] 2002-03-28 [62] 2,422,917 [30] US (60/234,152) 2000-09-21 [30] US (60/235,354) 2000-09-26 [30] US (60/270,663) 2001-02-20</p>	<p style="text-align: right; margin-bottom: 0;"><b>[21] 2,923,875</b> [13] A1</p> <p>[51] <b>Int.Cl. G07F 17/32 (2006.01) A63F 13/30 (2014.01) A63F 13/77 (2014.01)</b></p> <p>[25] EN [54] <b>GAMING TERMINAL DATA REPOSITORY AND INFORMATION DISTRIBUTION SYSTEM</b></p> <p>[54] <b>MEMOIRE DE DONNEES DE TERMINAL DE JEU ET SYSTEME DE DISTRIBUTION D'INFORMATIONS</b></p> <p>[72] ROWE, RICHARD E., US [71] IGT, US [22] 2001-10-15 [41] 2002-04-25 [62] 2,426,331 [30] US (60/242,046) 2000-10-19 [30] US (09/746,944) 2000-12-21</p>
<p style="text-align: right; margin-bottom: 0;"><b>[21] 2,923,656</b> [13] A1</p> <p>[51] <b>Int.Cl. H04W 4/02 (2009.01) G06Q 50/28 (2012.01) G06Q 50/30 (2012.01)</b></p> <p>[25] EN [54] <b>SYSTEM AND METHOD FOR PROVIDING DYNAMIC SUPPLY POSITIONING FOR ON-DEMAND SERVICES</b></p> <p>[54] <b>SYSTEME ET PROCEDE PERMETTANT UN POSITIONNEMENT DE DESSERTE DYNAMIQUE DE SERVICES A LA DEMANDE</b></p> <p>[72] LIN, HUNGYU, HENRY, US [72] KALANICK, TRAVIS CORDELL, US [72] WANG, EMILY, US [71] UBER TECHNOLOGIES, INC., US [22] 2013-06-27 [41] 2014-01-09 [62] 2,878,203 [30] US (61/667,536) 2012-07-03 [30] US (13/836,993) 2013-03-15</p>	<p style="text-align: right; margin-bottom: 0;"><b>[21] 2,923,790</b> [13] A1</p> <p>[51] <b>Int.Cl. G06K 19/07 (2006.01) G06K 19/077 (2006.01)</b></p> <p>[25] EN [54] <b>AN ELECTRONIC PAYMENT, INFORMATION, OR ID CARD WITH A DEFORMATION SENSING MEANS</b></p> <p>[54] <b>CARTE DE PAIEMENT ELECTRONIQUE, D'INFORMATION OU D'IDENTITE A UNITE DE DETECTION DE DEFORMATION</b></p> <p>[72] NIELSEN, FINN, DK [72] DOMSTEN, RUNE, DK [71] CARDLAB APS, DK [22] 2008-02-27 [41] 2008-09-04 [62] 2,678,793 [30] US (60/903,834) 2007-02-28</p>	<p style="text-align: right; margin-bottom: 0;"><b>[21] 2,924,140</b> [13] A1</p> <p>[51] <b>Int.Cl. G06F 17/30 (2006.01) G06F 17/00 (2006.01)</b></p> <p>[25] EN [54] <b>SYSTEMS, METHODS AND SOFTWARE FOR HYPERLINKING NAMES</b></p> <p>[54] <b>SYSTEMES, PROCEDES ET LOGICIEL PERMETTANT D'ETABLIR DES HYPERLIENS DE PERSONNES DANS DES DOCUMENTS AVEC DES ANNUAIRES PROFESSIONNELS</b></p> <p>[72] DOZIER, CHRISTOPHER C., US [71] THOMSON REUTERS GLOBAL RESOURCES, CH [22] 2002-12-20 [41] 2003-07-24 [62] 2,754,006 [30] US (60/342956) 2001-12-21 [30] US (10/171170) 2002-06-13</p>

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[21] **2,924,144**  
[13] A1

[51] **Int.Cl. G02B 27/00 (2006.01) G06T 15/80 (2011.01) G02B 17/00 (2006.01) G02B 27/30 (2006.01) H04N 5/335 (2011.01)**

[25] EN

[54] **SHADING CG REPRESENTATIONS OF MATERIALS**

[54] **REPRESENTATIONS INFOGRAPHIQUES DE MATERIAUX PAR OMBRAGE**

[72] MITEV, PETER OGNJANOV, BG

[72] ILIEV, IVAYLO KATEV, BG

[72] YORDANOV, IVELIN YANKOV, BG

[71] CHAOS SOFTWARE LTD., BG

[22] 2015-05-14

[41] 2015-08-07

[62] 2,891,431

[30] US (14/278,025) 2014-05-15

[30] US (14/448,666) 2014-07-31

[21] **2,924,285**  
[13] A1

[51] **Int.Cl. A01J 5/017 (2006.01) G06T 7/60 (2006.01)**

[25] EN

[54] **VISION SYSTEM FOR ROBOTIC ATTACHER**

[54] **SYSTEME DE VISION POUR ROBOT DE POSE**

[72] HOFMAN, HENK, NL

[72] DE RUIJTER, COR, NL

[72] KOEKOEK, MENNO, NL

[72] VAN DER SLUIS, PETER WILLEM, NL

[71] TECHNOLOGIES HOLDINGS CORP., US

[22] 2012-04-27

[41] 2012-07-06

[62] 2,898,603

[30] US (13/095,994) 2011-04-28

[30] US (13/448,571) 2012-04-17

[30] US (13/448,799) 2012-04-17

[30] US (13/448,840) 2012-04-17

[30] US (13/448,873) 2012-04-17

[30] US (13/448,913) 2012-04-17

[21] **2,924,290**  
[13] A1

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[72] NEER, CHARLES S., US

[72] FAGO, FRANK M., US

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[54] **SMALL STORE SYSTEM FOR PROCESSING COUPONS INCORPORATING POS**

[54] **SYSTEME POUR PETIT COMMERCE ASSURANT LE TRAITEMENT A UN POINT DE VENTE INTEGRANT DES COUPONS**

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[72] MOSS, DARREN, US

[71] CATALINA MARKETING CORPORATION, US

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[41] 2010-05-27

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[71] CATALINA MARKETING CORPORATION, US

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[54] **DERIVES DE N-(ARYLAMINO)ARYLSULFONAMIDE COMPRENANT DES POLYMORPHES EN TANT QU'INHIBITEURS DE MEK AINSI QUE COMPOSITIONS, PROCEDES D'UTILISATION ET PROCEDES DE PREPARATION DE CEUX-CI**

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[72] ROWLINGS, COLIN EDWARD, US

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[72] HELLGE, CORNELIUS, DE  
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[72] LEI, SHAWMIN, US  
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[72] PENNY, MATTHEW R., US  
[72] PETERS, BRYAN J., US  
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[72] JASMIN, SIMON, CA  
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[54] **MOYENS DE FIXATION ENTRE UNE MAILLE ET DES MOYENS DE DEPLOIEMENT D'UNE MAILLE, UTILES NOTAMMENT POUR LES CHIRURGIES DE REPARATION DES HERNIES ET PROCEDES ASSOCIES**  
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[54] **PIECE D'ACIER SOUDEE MISE EN FORME A CHAUD A TRES HAUTE RESISTANCE MECANIQUE ET PROCEDE DE FABRICATION**  
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[21] **2,925,851**  
[13] A1

[51] **Int.Cl. H04W 72/04 (2009.01) H04J 11/00 (2006.01) H04L 1/18 (2006.01) H04L 5/00 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ALLOCATING RESOURCES OF A CONTROL CHANNEL IN A MOBILE COMMUNICATION SYSTEM USING ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING**  
[54] **PROCEDE ET APPAREIL D'ATTRIBUTION DE RESSOURCES D'UN CANAL DE COMMANDE DANS UN SYSTEME DE COMMUNICATION UTILISANT UN MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE**  
[72] HAH, JIN-KYU, KR  
[72] KWON, HWAN-JOON, KR  
[72] LEE, JU-HO, KR  
[72] KIM, YOUNG-BUM, KR  
[72] KIM, BYUNG-SIK, KR  
[72] JI, HYOUNG-JU, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 2008-10-02  
[41] 2009-04-09  
[62] 2,701,256  
[30] KR (10-2007-0099537) 2007-10-02  
[30] KR (10-2007-0118847) 2007-11-20  
[30] KR (10-2008-0000400) 2008-01-02

[21] **2,925,877**  
[13] A1

[51] **Int.Cl. B64C 27/615 (2006.01) B64C 13/24 (2006.01) B64C 13/30 (2006.01) F16H 21/44 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ACTIVELY MANIPULATING AERODYNAMIC SURFACES**  
[54] **PROCEDE ET APPAREIL POUR LA MANIPULATION ACTIVE DE SURFACES AERODYNAMIQUES**  
[72] SCHANK, TROY C., US  
[72] KINTZINGER, PETER H., US  
[72] SHERRILL, PAUL B., US  
[72] PARHAM, THOMAS C., US  
[71] BELL HELICOPTER TEXTRON INC., US  
[22] 2010-11-01  
[41] 2012-05-10  
[62] 2,813,952

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[21] **2,925,939**  
[13] A1

[51] **Int.Cl. C07C 239/20 (2006.01) A61K 31/65 (2006.01) A61P 31/04 (2006.01) C07C 237/26 (2006.01) C07C 243/18 (2006.01) C07C 251/38 (2006.01) C07C 271/22 (2006.01) C07D 261/04 (2006.01) C07D 265/02 (2006.01)**

[25] EN  
[54] **SUBSTITUTED TETRACYCLINE COMPOUNDS**  
[54] **COMPOSES DE TETRACYCLINE SUBSTITUEE**

[72] ABATO, PAUL, US  
[72] ASSEFA, HAREGEWEIN, US  
[72] BERNIAC, JOEL, US  
[72] BOWSER, TODD, US  
[72] GRIER, MARK, US  
[72] HONEYMAN, LAURA, US  
[72] ISMAIL, MOHAMED, US  
[72] KIM, OAK K., US  
[72] NELSON, MARK, US  
[72] PAN, JINGWEN, US  
[72] VERMA, ATUL, US  
[72] BHATIA, BEENA, US  
[71] PARATEK PHARMACEUTICALS, INC., US  
[22] 2007-12-21  
[41] 2008-07-03  
[62] 2,673,466  
[30] US (60/876,313) 2006-12-21  
[30] US (60/943,003) 2007-06-08

[21] **2,925,983**  
[13] A1

[51] **Int.Cl. A61K 31/713 (2006.01) C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61P 31/12 (2006.01) A61P 37/04 (2006.01)**

[25] EN  
[54] **METHOD OF INDUCING AN IMMUNE RESPONSE**  
[54] **METHODE D'INDUCTION DE REPOSE IMMUNITAIRE**

[72] MCMILLAN, NIGEL, AU  
[72] GU, WENYI, AU  
[72] LEGGAT, GRAHAM, AU  
[71] THE UNIVERSITY OF QUEENSLAND, AU  
[22] 2007-09-11  
[41] 2008-07-24  
[62] 2,712,056  
[30] US (60/880,547) 2007-01-16

[21] **2,925,998**  
[13] A1

[51] **Int.Cl. A61M 27/00 (2006.01) A61M 1/00 (2006.01)**

[25] EN  
[54] **APPARATUS AND METHOD FOR ADMINISTERING REDUCED PRESSURE TREATMENT TO A TISSUE SITE**  
[54] **APPAREIL ET PROCEDE D'ADMINISTRATION D'UN TRAITEMENT PAR PRESSION REDUITE SUR UN SITE TISSULAIRE**

[72] SANDERS, BLANE, US  
[72] HEATON, KEITH PATRICK, GB  
[72] HARDMAN, IAN JAMES, GB  
[72] LOCKE, CHRISTOPHER BRIAN, GB  
[72] ROBINSON, TIMOTHY MARK, GB  
[72] BEARD, MARK STEPHAN JAMES, GB  
[72] JAEB, JONATHAN PAUL, GB  
[72] KIESWETTER, KRISTINE, US  
[72] JOHNSON, ROYCE W., US  
[72] INGRAM, SHANNON C., US  
[71] KCI LICENSING, INC., US  
[22] 2008-02-08  
[41] 2008-08-21  
[62] 2,674,025  
[30] US (60/900,415) 2007-02-09

[21] **2,926,004**  
[13] A1

[51] **Int.Cl. C07K 19/00 (2006.01) C12N 5/0783 (2010.01) A61K 39/00 (2006.01) A61K 39/35 (2006.01) A61P 37/06 (2006.01) A61P 37/08 (2006.01) C07K 5/10 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) C07K 14/435 (2006.01) C07K 14/47 (2006.01) C12N 9/00 (2006.01) C12Q 1/00 (2006.01)**

[25] EN  
[54] **IMMUNOGENIC PEPTIDES AND THEIR USE IN ALLERGIC AND AUTOIMMUNE DISORDERS**  
[54] **PEPTIDES IMMUNOGENIQUES ET LEURS UTILISATIONS POUR LES TROUBLES ALLERGIQUES ET AUTOIMMUNS**

[72] SAINT-REMY, JEAN-MARIE, BE  
[71] LIFE SCIENCES RESEARCH PARTNERS VZW, BE  
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, BE  
[22] 2007-08-13  
[41] 2008-02-14  
[62] 2,660,605  
[30] GB (0615966.9) 2006-08-11  
[30] GB (0710081.1) 2007-05-25  
[30] GB (0711403.6) 2007-06-13

[21] **2,926,068**  
[13] A1

[51] **Int.Cl. C12N 15/87 (2006.01) C12M 1/42 (2006.01) C12N 13/00 (2006.01) C12N 15/00 (2006.01) C12N 15/63 (2006.01) H03K 3/00 (2006.01)**

[25] EN  
[54] **APPARATUS FOR GENERATING ELECTRICAL PULSES AND METHODS OF USING THE SAME**  
[54] **APPAREIL DE GENERATION D'IMPULSIONS ELECTRIQUES ET PROCEDES D'UTILISATION DE L'APPAREIL**

[72] BEEBE, STEPHEN J., US  
[72] SCHOENBACH, KARL H., US  
[71] EASTERN VIRGINIA MEDICAL SCHOOL, US  
[71] OLD DOMINION UNIVERSITY, US  
[22] 2004-07-19  
[41] 2005-04-14  
[62] 2,533,116  
[30] US (60/487,932) 2003-07-18  
[30] US (60/499,921) 2003-09-04  
[30] US (60/526,585) 2003-12-04

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[21] **2,926,074**  
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS RELATING TO TIME LOCATION BASED EMPLOYEE MANAGEMENT SYSTEMS**  
[54] **PROCEDES ET SYSTEMES LIES AUX SYSTEMES DE GESTION DES EMPLOYES FONDES SUR LA LOCALISATION ET LE TEMPS**  
[72] EGGLESTON, YVES, CA  
[71] PUNCHTIME INC., CA  
[22] 2014-10-22  
[41] 2015-06-05  
[62] 2,868,660  
[30] US (61/912,301) 2013-12-05

[21] **2,926,122**  
[13] A1

[51] **Int.Cl. E21B 19/16 (2006.01)**  
[25] EN  
[54] **SIMULTANEOUS CLAMP AND TORQUE DRIVE**  
[54] **ENTRAINEMENT SIMULTANE DE SERRAGE ET DE COUPLE**  
[72] ROSANO, HUGO LEONARDO, NO  
[72] DRZEWIECKI, LOPEK, CA  
[71] NATIONAL OILWELL VARCO NORWAY AS, NO  
[22] 2012-09-28  
[41] 2013-04-04  
[62] 2,850,005  
[30] US (61/540,763) 2011-09-29

[21] **2,926,296**  
[13] A1

[51] **Int.Cl. G02F 1/31 (2006.01) G02B 6/35 (2006.01) G02B 27/10 (2006.01) G02F 1/1335 (2006.01)**  
[25] EN  
[54] **HIGH POWER OPTICAL SWITCH**  
[54] **COMMUTATEUR OPTIQUE DE GRANDE PUISSANCE**  
[72] DORSCHNER, TERRY A., US  
[72] SMITH, IRL W., US  
[71] RAYTHEON COMPANY, US  
[22] 2013-05-24  
[41] 2013-11-28  
[62] 2,874,615  
[30] US (61/651,292) 2012-05-24

[21] **2,926,344**  
[13] A1

[51] **Int.Cl. A61N 1/36 (2006.01) G06F 19/00 (2011.01)**  
[25] EN  
[54] **ELECTRICAL NERVE STIMULATION STIMULATOR**  
[54] **NEUROSTIMULATEUR ELECTRIQUE**  
[72] MOORE, GARY L., US  
[72] CZECH, JOHN, US  
[72] WOLDEGIORGES, BISRAT, US  
[72] KARAS, MICHAEL, US  
[71] COMPEX TECHNOLOGIES, INC., US  
[22] 2002-10-17  
[41] 2003-04-17  
[62] 2,408,656  
[30] US (60/330116) 2001-10-17  
[30] US (10/273392) 2002-10-17

[21] **2,926,365**  
[13] A1

[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/24 (2006.01) A61M 5/32 (2006.01)**  
[25] EN  
[54] **DEVICES, SYSTEMS AND METHODS FOR MEDICAMENT DELIVERY**  
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES POUR L'ADMINISTRATION DE MEDICAMENTS**  
[72] EDWARDS, ERIC SHAWN, US  
[72] EDWARDS, EVAN THOMAS, US  
[72] LICATA, MARK J., US  
[72] MEYERS, PAUL F., US  
[71] KALEO, INC., US  
[22] 2007-11-16  
[41] 2008-05-29  
[62] 2,669,616  
[30] US (11/562,061) 2006-11-21

[21] **2,926,379**  
[13] A1

[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/395 (2006.01) A61P 17/00 (2006.01) A61P 17/04 (2006.01) A61P 37/08 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01) G01N 33/53 (2006.01)**  
[25] EN  
[54] **INTERLEUKIN-31 MONOCLONAL ANTIBODY**  
[54] **ANTICORPS MONOCLONAL DIRIGE CONTRE L'INTERLEUKINE-31**  
[72] BAMMERT, GARY F., US  
[72] DUNHAM, STEVEN A., US  
[71] ZOETIS SERVICES LLC, US  
[22] 2012-07-05  
[41] 2013-01-24  
[62] 2,842,475  
[30] US (61/510,268) 2011-07-21

[21] **2,926,384**  
[13] A1

[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/395 (2006.01) C07K 1/16 (2006.01) C07K 1/18 (2006.01) C07K 1/20 (2006.01) C07K 1/22 (2006.01) C07K 16/00 (2006.01)**  
[25] EN  
[54] **LOW ACIDIC SPECIES COMPOSITIONS AND METHODS FOR PRODUCING AND USING THE SAME**  
[54] **COMPOSITIONS D'ESPECES FAIBLEMENT ACIDES ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION**  
[72] RAMASUBRAMANYAN, NATARAJAN, US  
[72] HERIGSTAD, MATTHEW OMON, US  
[72] YANG, HONG, US  
[72] SUBRAMANIAN, KARTIK, US  
[72] ZENG, XIAOBEI, US  
[72] DONG, DIANE D., US  
[72] LIM, WEN CHUNG, US  
[72] GIFFORD, KATHREEN A., US  
[72] KAYMAKCALAN, ZEHRAN, US  
[72] CHUMSAE, CHRISTOPHER, US  
[72] YANG, LIHUA, US  
[71] ABBVIE INC., US  
[22] 2013-10-18  
[41] 2014-10-02  
[62] 2,899,308  
[30] US (PCT/US2013/031485) 2013-03-14  
[30] US (PCT/US2013/031681) 2013-03-14

**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

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[21] **2,926,569**

[13] A1

[51] **Int.Cl. B23K 35/368 (2006.01) B23K  
9/00 (2006.01) B23K 9/173 (2006.01)  
B23K 35/30 (2006.01)**

[25] EN

[54] **METHOD OF PRODUCING WELD  
JOINT**

[54] **PROCEDE DE PRODUCTION DE  
RACCORD SOUDE**

[72] KAMAGAI, TATSUYA, JP

[72] NAKAMURA, SHUICHI, JP

[71] NIPPON STEEL & SUMITOMO  
METAL CORPORATION, JP

[22] 2014-08-07

[41] 2015-05-14

[62] 2,915,026

[30] JP (PCT/JP2013/080242) 2013-11-08

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[21] **2,926,573**

[13] A1

[51] **Int.Cl. C07D 257/02 (2006.01) A61K  
51/04 (2006.01) G01N 33/48 (2006.01)  
G01N 33/53 (2006.01)**

[25] EN

[54] **LABELED INHIBITORS OF  
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[54] **INHIBITEURS MARQUE DE  
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[72] POMPER, MARTIN G., US

[72] RAY, SANGEETA, US

[72] MEASE, RONNIE C., US

[72] FOSS, CATHERINE, US

[71] THE JOHNS HOPKINS  
UNIVERSITY, US

[22] 2008-06-26

[41] 2008-12-31

[62] 2,694,266

[30] US (60/937,242) 2007-06-26

[30] US (61/011,111) 2008-01-15

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FATTORI, JOSEPH E.	2,926,546	FOX, BERNARD	2,926,332	GARIKIPATI, KIRAN	2,926,748
FCA US LLC	2,926,256	FOX, PETER	2,926,747	GARIKIPATI, KIRAN	2,926,750
FEDEX CORPORATE		FRACKENPOHL, JENS	2,926,250	GARIKIPATI, KIRAN	2,926,782
SERVICES, INC.	2,926,543	FRANCO TOSI MECCANICA		GARIZI, NEGAR	2,925,987
FEI, LIN	2,926,396	S.P.A.	2,926,319	GARIZI, NEGAR	2,926,101
FEICHTINGER, KLAUS	2,926,245	FRANK, R. KEITH	2,926,652	GARIZI, NEGAR	2,926,438
FELIX, THOMAS	2,926,371	FRANKE, WOLFRAM	2,926,038	GASPAR, FLORIAN	2,926,162
FELLNER, THOMAS	2,924,735	FRANKLIN, CHARLES M.	2,926,187	GASSMANN, SIMON	2,926,371
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FENG, JUN	2,926,328	GESELLSCHAFT ZUR		LIMITED	2,926,595
FENGER, PER ESKE	2,926,249	FORDERUNG DER		GE OIL & GAS ESP, INC.	2,926,450
FERGUSON, ANDY	2,926,646	ANGEWANDTEN		GEDEX SYSTEMS INC.	2,926,590
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JORNITZ, MAIK WOLFGANG	2,926,416	KIM, JI-IN	2,926,478	KUBOTA, ASAKO	2,926,101
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SILGAN PLASTICS LLC	2,926,349	SONY CORPORATION	2,925,882	SZCZELINA, PIOTR	2,925,958
SILLEN, VALERIE	2,926,786	SONY CORPORATION	2,926,766	SZCZEPANIK, MACIEJ B.	2,926,436
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SIMISTER, JAMES B.	2,926,459	SPECIALTY MINERALS (MICHIGAN) INC.	2,926,455	TAESCHLER, CHRISTOPH	2,926,010
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WOLFE, LUKE ANDREW	2,926,079	YOSHIKAWA, HIROKI	2,926,768		
WOLIN, RONALD L.	2,926,313	YOU, JUN	2,926,351		
WOLIN, RONALD L.	2,926,339	YOU, JUN	2,926,528		
WOLIN, RONALD L.	2,926,443	YOUNG, TRAVIS	2,926,698		
WOLTERS, GERARD	2,924,725	YU, GUANGJIE	2,926,332		
WOODS, CRAIG R.	2,926,313	YUAN, JING	2,926,292		
WOODS, CRAIG R.	2,926,339	YUAN-HUFFMAN, QINGWEN			
WOODS, CRAIG R.	2,926,443	WENDY	2,926,549		
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WOTTON, PAUL K.	2,926,439	YURISTY, GREG	2,926,501		
WOUHAYBI, RITA H.	2,926,605	YURKOVETSKIY,			
WU, GARY	2,926,466	ALEKSANDR V.	2,926,586		
WU, HUIXIA	2,926,197	ZANETTI, MARCO	2,926,530		
WU, JIE	2,926,537	ZANG, HONGMEI	2,926,425		
WU, TAO	2,926,328	ZANG, HONGMEI	2,926,716		
WU, WEI	2,926,252	ZANIN-ZHOROV,			
XHALE, INC.	2,926,656	ALEXANDRA	2,926,478		
XIAOYU, CHEN	2,926,294	ZEALAND PHARMA A/S	2,926,314		
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XU, QINGHAO	2,926,052	ZHANG, LIANG	2,926,380		
XU, ZHIYUE	2,926,036	ZHANG, MENG	2,926,085		
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XU, ZITAO	2,926,400	ZHANG, TINGKE	2,926,144		
XU, ZUSHENG	2,926,596	ZHANG, TINGKE	2,926,148		
XUE, XIAOHUA	2,926,313	ZHANG, TINGKE	2,926,150		
XUE, XIAOHUA	2,926,339	ZHANG, XIAOKUI	2,926,199		
XUE, XIAOHUA	2,926,443	ZHANG, YU	2,925,953		
XUZHOU HEAVY MACHINERY CO., LTD.	2,926,583	ZHANG, YU	2,925,954		
YAKUBTSOV, IGOR	2,926,184	ZHANG, YU	2,925,987		
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YAMAO, HITOSHI	2,926,329	ZHANG, YU	2,926,438		
YAMASAKI, TAKESHI	2,926,544	ZHANG, YU	2,926,444		
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		YANG, LIHUA	2,926,384		
		YIN, QINGDONG	2,925,627		
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