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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 March 31, 2015

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1799*
For each additional sheet over 30	\$20
3. International Search Fee	\$1600

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

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

## 9. Demandes mises à la disponibilité du public

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

## 10. Langue du document publié

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

## 11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 31 mars 2015

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1799 \$*
Pour chaque feuille au delà de 30	20 \$
3. Taxe de recherche internationale	1600 \$

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

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

## Notices

### 4. Late payment fee

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

### Preliminary Examination

5. Handling fee (Rule 57.2(a)) \$270

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

\* International fees will be reduced by:

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

## 12. PCT Notices

### Patent Cooperation Treaty (PCT)

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

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

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

or by "E-mail" ([publications.mail@wipo.int](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) 270 \$

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

\* Les frais seront réduits de:

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

## 12. Avis PCT

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

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

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

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

ou par courriel ([publications.mail@wipo.int](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).

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

## 15. Correspondence Procedures

May 8, 2012

**Effective May 15, 2012 this notice replaces all previous notices regarding Correspondence Procedures.**

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

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

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

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

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

Download the [Fee Payment Form](#).

## 15. Procédures de correspondance

Le 8 mai 2012

**Le présent avis, en vigueur à compter du 15 mai 2012, remplace tous les avis antérieurs aux procédures de correspondance.**

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

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

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

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

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

Téléchargez le [formulaire de paiements](#).

## Notices

### 1. Designated Establishments

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

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

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

### 1. Établissements désignés

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

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

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

## Avis

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

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

### 2. Registered Mail Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the Registered Mail Service of Canada Post is a designated establishment or designated office to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

### 2. Service Courrier recommandé de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, le service Courrier recommandé de Postes Canada est un établissement ou bureau désigné auquel la correspondance adressée au commissaire aux brevets, au Bureau du droit d'auteur ou au registraire des topographies peut être livrée.

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

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

### 3. Electronic Correspondence

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

### 3. Correspondance électronique

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

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

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

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

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

## Notices

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

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

### 3.1 Facsimile

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

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

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

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

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the covering letter to ensure expedient processing. Payment arrangements may be made through CIPO's Finance Branch at the following number: 819-994-2269.

### *Patents*

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

### 3.2 Online

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

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

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

### 3.1 Correspondance par télécopieur

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

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

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

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

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

### *Brevets*

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

### 3.2 En ligne

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

### **Patents**

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

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

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

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

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

### **Trade-marks**

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

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

### **Brevets**

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

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

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

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

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

### **Marques de commerce**

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

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

## Notices

### Copyrights

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

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

### Industrial Designs

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

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

### Integrated Circuit Topographies

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

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

### 3.3 Electronic Medium

#### Patents

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

### Droits d'auteur

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

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

### Dessins industriels

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

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

### Topographies de circuits intégrés

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

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

### 3.3 Supports électroniques

#### Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées à l'article 93 des *Règles sur les brevets* resteront applicables.

## Avis

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

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

### Canada as Receiving Office Under the PCT: PCT-EASY

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

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

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

- only on an electronic medium in electronic form in accordance with section 802 of Part 8 of the PCT Administrative Instructions; or
- both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

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

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

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

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

### Le Canada comme office récepteur au titre du PCT: PCT-EASY

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

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

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

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

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

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

## Notices

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

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

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

### Electronic Media accepted by the Patent Office

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

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

### 4. Details concerning the electronic formats accepted

#### Patents

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

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

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

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

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

### Supports électroniques acceptés par le Bureau des brevets

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

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

### 4. Précisions concernant les formats électroniques acceptés

#### Brevets

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

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

## Avis

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

### TIFF Format:

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

### PDF Format:

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

### ASCII Format:

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

## **Industrial Design**

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

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

### TIFF Format:

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

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

### Format TIFF :

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

### Format PDF :

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

### Format ASCII :

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

## **Dessins industriels**

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

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

### Format TIFF :

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

## Notices

Photographs in JPEG Format:

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

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

### 5. General Information

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

## 16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of October 13, 2015 contains applications open to public inspection from September 27, 2015 to October 3, 2015.

Photographies en format JPEG :

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

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

### 5. Renseignements généraux

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

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

La *Gazette du bureau des brevets* du 13 octobre 2015 contient les demandes disponibles au public pour consultation pour la période du 27 septembre 2015 au 3 octobre 2015.

# Canadian Patents Issued

October 13, 2015

## Brevets canadiens délivrés

13 octobre 2015

[11] 2,350,058 [13] C	[11] 2,383,460 [13] C	[11] 2,442,368 [13] C
[51] Int.Cl. A61K 39/00 (2006.01) A61K 31/196 (2006.01) A61K 31/573 (2006.01) A61K 31/675 (2006.01) A61K 31/7076 (2006.01) A61K 38/19 (2006.01) A61K 38/20 (2006.01) A61K 38/21 (2006.01) A61K 39/395 (2006.01) C07K 16/28 (2006.01)	[51] Int.Cl. C12N 5/00 (2006.01) C12N 1/14 (2006.01) C12N 1/20 (2006.01) A61K 38/00 (2006.01) A61K 39/00 (2006.01)	[51] Int.Cl. C07F 15/00 (2006.01) B01J 31/12 (2006.01) C07C 17/275 (2006.01) C07C 29/40 (2006.01) C07C 45/69 (2006.01) C07C 67/293 (2006.01) C07C 67/343 (2006.01) C07C 319/20 (2006.01) C07D 317/12 (2006.01) C07D 317/20 (2006.01) C07D 317/24 (2006.01) C07F 7/18 (2006.01) C07F 9/40 (2006.01) C40B 50/00 (2006.01) C07D 233/28 (2006.01)
[25] EN	[25] EN	[25] EN
[54] TREATMENT OF HEMATOLOGIC MALIGNANCIES ASSOCIATED WITH CIRCULATING TUMOR CELLS USING CHIMERIC ANTI-CD20 ANTIBODY	[54] METAL BINDING COMPOUNDS AND THEIR USE IN CELL CULTURE MEDIUM COMPOSITIONS	[54] CROSS-METATHESIS REACTION OF FUNCTIONALIZED AND SUBSTITUTED OLEFINS USING GROUP 8 TRANSITION METAL CARBENE COMPLEXES AS METATHESIS CATALYSTS
[54] TRAITEMENT D'AFFECTIONS MALIGNES HEMATOLOGIQUES ASSOCIEES A DES CELLULES TUMORALES EN CIRCULATION AU MOYEN D'UN ANTICORPS CHIMERE ANTI-CD 20	[54] COMPOSES DE LIAISON METALLIQUE ET LEUR UTILISATION DANS DES COMPOSITIONS DE MILIEU DE CULTURE CELLULAIRE	[54] REACTION DE METATHESE CROISEE D'OLEFINES ET FONCTIONNALISEES ET SUBSTITUEES AU MOYEN DE COMPLEXES DE CARBENE METALLIQUE DE TRANSITION DU GROUPE 8 EN TANT QUE CATALYSEURS DE METATHESE
[72] GRILLO-LOPEZ, ANTONIO J., US	[72] EPSTEIN, DAVID A., US	[72] GRUBBS, ROBERT H., US
[72] WHITE, CHRISTINE A., US	[72] BATTISTA, PAUL, US	[72] CHATTERJEE, ARNAB K., US
[72] CURD, JOHN G., US	[72] GRUBER, DALE, US	[72] CHOI, TAE-LIM, US
[72] DESMOND-HELLMANN, SUSAN, US	[72] JUDD, DAVID, US	[72] GOLDBERG, STEVEN D., US
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[73] GENENTECH, INC., US	[85] 2002-02-21	[72] MORGAN, JOHN P., US
[85] 2001-05-08	[86] 2000-08-28 (PCT/US2000/023580)	[72] SANDERS, DANIEL P., US
[86] 1999-11-09 (PCT/US1999/026308)	[87] (WO2001/016294)	[72] SCHOLL, MATTHIAS, US
[87] (WO2000/027428)	[30] US (60/151,055) 1999-08-27	[72] TOSTE, F. DEAN, US
[30] US (60/107,658) 1998-11-09		[72] TRNKA, TINA M., US
		[73] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
		[85] 2003-09-26
		[86] 2002-04-01 (PCT/US2002/010196)
		[87] (WO2002/079126)
		[30] US (60/280,590) 2001-03-30
		[30] US (60/280,462) 2001-03-30
		[30] US (60/284,213) 2001-04-16
		[30] US (60/285,597) 2001-04-20
		[30] US (60/340,588) 2001-12-14

**Canadian Patents Issued  
October 13, 2015**

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[11] **2,450,981**  
[13] C

[51] **Int.Cl. G06Q 10/00 (2012.01)**  
[25] EN  
[54] **MANAGEMENT OF AIRCRAFT DATA**  
[54] **GESTION DES DONNEES D'AERONEF**  
[72] REVIE, HUGH, GB  
[73] ROLLS-ROYCE CONTROLS AND DATA SERVICES LIMITED, GB  
[85] 2003-12-16  
[86] 2002-06-07 (PCT/GB2002/002755)  
[87] (WO2003/003257)  
[30] GB (0115830.2) 2001-06-28

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[11] **2,459,971**  
[13] C

[51] **Int.Cl. H04N 21/4227 (2011.01) H04N 5/232 (2006.01) H04N 7/025 (2006.01) H04N 7/088 (2006.01) H04N 7/18 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR COMMUNICATING DATA IN A VIDEO SYSTEM**  
[54] **SYSTEME ET METHODE DE TRANSMISSION DE DONNEES DANS UN SYSTEME VIDEO**  
[72] BERKEY, THOMAS F., US  
[72] SCHIELTZ, STEVEN W., US  
[73] SENSORMATIC ELECTRONICS, LLC, US  
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[54] **HEATED PANE WITH AN ELECTRICALLY-CONDUCTIVE SURFACE COATING**  
[54] **VITRE CHAUFFANTE AVEC UN REVETEMENT SUPERFICIEL ELECTRIQUEMENT CONDUCTEUR**  
[72] MAEUSER, HELMUT, DE  
[72] CRUMBACH, RICHARD, DE  
[72] JANSEN, MANFRED, DE  
[72] SZNERSKI, ANDREAS, DE  
[73] SAINT-GOBAIN GLASS FRANCE, FR  
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[13] C

[51] **Int.Cl. A63F 13/30 (2014.01) H04W 88/02 (2009.01) A63F 13/795 (2014.01)**  
[25] EN  
[54] **A SYSTEM, COMPUTER PRODUCT AND METHOD FOR ENABLING MULTI-PLAYER GAMING ON A WIRELESS DEVICE**  
[54] **SYSTEME, PRODUIT INFORMATIQUE ET METHODE PERMETTANT LES JEUX PAR DISPOSITIF SANS FIL**  
[72] BALAHURA, ROBERT EUGENE, CA  
[72] TRUDEL, MATHIEU ROBERT ADELARD, CA  
[73] ELECTRONIC ARTS INC., US  
[86] (2476158)  
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[22] 2004-07-29  
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[25] EN  
[54] **ANTAGONISTS OF FACTOR VIII INTERACTION WITH LOW-DENSITY LIPOPROTEIN RECEPTOR-RELATED PROTEIN**  
[54] **ANTAGONISTES D'INTERACTION DU FACTEUR VIII AVEC UNE PROTEINE DE RECEPTEUR DE LIPOPROTEINE DE FAIBLE DENSITE**  
[72] MERTENS, KOENRAAD, NL  
[72] BOVENSCHEN, AREND NIELS, NL  
[72] VOORBERG, JAN, NL  
[72] RIEGER, MANFRED, AT  
[72] SCHEIFLINGER, FRIEDRICH, AT  
[73] STICHTING SANQUIN BLOEDVOORZIENING, NL  
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[25] EN  
[54] **METHOD AND APPARATUS FOR RESOLVING RFID-BASED OBJECT TRAFFIC TRANSACTIONS TO A SINGLE CONTAINER IN THE PRESENCE OF A PLURALITY OF CONTAINERS**  
[54] **METHODE ET APPAREIL POUR RESOUDRE DES TRANSACTIONS DE TRAFIC D'OBJETS RFID DESTINE A UN SEUL CONTENANT EN PRESENCE DE PLUSIEURS CONTENANTS**  
[72] ALLEN, BARRY, CA  
[72] BARNES, SHARON, CA  
[72] ADAMSON, CHRISTOPHER, CA  
[73] IDENTEC SOLUTIONS AG, AT  
[86] (2490015)  
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[51] **Int.Cl. G06T 5/00 (2006.01)**  
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[54] **METHOD FOR PROCESSING AN IMAGE ACQUIRED THROUGH A GUIDE CONSISTING OF A PLURALITY OF OPTICAL FIBERS**  
[54] **PROCEDE DE TRAITEMENT D'IMAGE ACQUISE AU MOYEN D'UN GUIDE CONSTITUE PAR UNE PLURALITE DE FIBRES OPTIQUES**  
[72] PERCHANT, AYMERIC, FR  
[72] LE GOUALHER, GEORGES, FR  
[72] BERIER, FREDERIC, FR  
[73] MAUNA KEA TECHNOLOGIES, FR  
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[25] EN  
[54] **WOOD TRACKING BY IDENTIFICATION OF SURFACE CHARACTERISTICS**  
[54] **SUIVI DE PIÈCES DE BOIS PAR IDENTIFICATION DE CARACTÉRISTIQUES DES SURFACES**  
[72] CARMAN, GEORGE M., US  
[72] FREEMAN, PATRICK S., US  
[72] HEYMAN, OFER, US  
[72] BRISKEY, WILLIAM J., US  
[73] LUCIDYNE TECHNOLOGIES, INC., US  
[86] (2494012)  
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[25] EN  
[54] **DELIVERY OF AN ELECTRONIC COMMUNICATION USING A LIFESPAN**  
[54] **FOURNITURE D'UNE COMMUNICATION ÉLECTRONIQUE FAISANT APPEL À UNE DURÉE DE VIE DE MESSAGE**  
[72] AUSTIN-LANE, CHRISTOPHER EMERY, US  
[72] HARRIS, SHAUNA, US  
[72] LEE, ALBERT LEKUO, US  
[72] WHITE, JASON J., US  
[72] LIN, LEA-YING AMY, US  
[72] THAELE, BRET KUEMMEL, US  
[73] FACEBOOK, INC., US  
[85] 2005-02-24  
[86] 2003-08-27 (PCT/US2003/026763)  
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[25] EN  
[54] **PROTECTIVE COVER FOR MEDICAL DEVICES**  
[54] **ENVELOPPE PROTECTRICE POUR DISPOSITIFS MÉDICAUX**  
[72] MCCLURE, GEORGE KENT, CA  
[72] JOHNSTON, MARGARET ANN, CA  
[73] BRENNAN LAKE CORPORATION, CA  
[86] (2498791)  
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[51] **Int.Cl. A61B 17/03 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CLOSING WOUNDS WITHOUT SUTURES**  
[54] **MÉTHODE ET APPAREIL POUR LA FERMETURE DE PLAIES SANS SUTURE**  
[72] WEISER, LESLIE PHILIPP, US  
[73] WEISER, LESLIE PHILIPP, US  
[86] (2499866)  
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[25] EN  
[54] **CLONING AND EXPRESSION OF GONADOTROPIN-RELEASING HORMONE (GNRH) RECEPTORS**  
[54] **CLONAGE ET EXPRESSION DE RÉCEPTEURS DE L'HORMONE DE LIBÉRATION DES GONADOTROPINES (GNRH)**  
[72] SOWER, STACIA, US  
[72] NUCCI, NATHANIEL V., US  
[72] SILVER, MATTHEW R., US  
[73] UNIVERSITY OF NEW HAMPSHIRE, US  
[86] (2501624)  
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[22] 2005-04-11  
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[13] C

[51] **Int.Cl. G01N 23/222 (2006.01)**  
[25] EN  
[54] **AN APPARATUS AND A METHOD OF DETECTING HYDROGEN BY USE OF A NEUTRON SOURCE**  
[54] **APPAREIL ET PROCÉDE DE DÉTECTION D'HYDROGÈNE PAR UTILISATION D'UNE SOURCE DE NEUTRONS**  
[72] PEDERSEN, NIELS HALD, DK  
[73] FORCE TECHNOLOGY, DK  
[85] 2005-06-10  
[86] 2003-12-19 (PCT/DK2003/000909)  
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[13] C

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[25] EN  
[54] **FATIGUE REDUCING AGENT**  
[54] **AGENT REDUISANT LA FATIGUE**  
[72] FUJII, KENJI, JP  
[72] KAWABE, TAIZO, JP  
[72] HOSOE, KAZUNORI, JP  
[72] HIDAKA, TAKAYOSHI, JP  
[73] KANEKA CORPORATION, JP  
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[13] C

[51] **Int.Cl. A61L 27/28 (2006.01) A61B 17/56 (2006.01) A61F 2/08 (2006.01)**

[25] EN  
[54] **RETICULATED ELASTOMERIC MATRICES, THEIR MANUFACTURE AND USE IN IMPLANTABLE DEVICES**  
[54] **MATRICES ELASTOMERES RETICULEES, LEUR PRODUCTION ET LEUR UTILISATION DANS DES DISPOSITIFS IMPLANTABLES**  
[72] DATTA, ARINDAM, US  
[72] FRIEDMAN, CRAIG, US  
[72] KLEMPNER, DANIEL, US  
[72] SENDIJAREVIC, AISA, US  
[73] BIOMERIX CORPORATION, US  
[85] 2005-11-14  
[86] 2004-05-17 (PCT/US2004/015438)  
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[30] US (60/471,518) 2003-05-15  
[30] US (US03/33750) 2003-10-23

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[13] C

[51] **Int.Cl. G06T 9/00 (2006.01) H04N 5/262 (2006.01)**

[25] EN  
[54] **METHOD AND APPARATUS FOR REPRESENTING IMAGE GRANULARITY BY ONE OR MORE PARAMETERS**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE REPRESENTER LA GRANULARITE D'UNE IMAGE PAR UN OU PLUSIEURS PARAMETRES**  
[72] GOMILA, CRISTINA, US  
[72] KOBILANSKY, ALEXANDER, US  
[73] THOMSON LICENSING, FR  
[85] 2005-11-15  
[86] 2004-03-30 (PCT/US2004/009491)  
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[13] C

[51] **Int.Cl. G01V 1/28 (2006.01) G01V 1/50 (2006.01)**

[25] EN  
[54] **METHODS AND APPARATUS FOR IMAGING A SUBSURFACE FRACTURE**  
[54] **PROCEDES ET APPAREIL POUR IMAGER UNE FRACTURE SOUTERRAINE**  
[72] BASAKI, SATOSHI, JP  
[72] FUJII, KASUMI, JP  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2005-12-12  
[86] 2004-06-11 (PCT/IB2004/001964)  
[87] (WO2004/111684)  
[30] US (10/461,617) 2003-06-13

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[13] C

[51] **Int.Cl. G01N 3/08 (2006.01) G01N 33/20 (2006.01)**

[25] EN  
[54] **ARRANGEMENT AND METHOD FOR THE ANALYSIS OF THE STRENGTH OF A SPECIMEN OF REDUCIBLE MATERIAL THAT CONTAINS IRON**  
[54] **DISPOSITIF ET METHODE D'ANALYSE DE LA RESISTANCE D'UN ECHANTILLON DE MATERIAU REDUCTIBLE CONTENANT DU FER**  
[72] APELQVIST, ANDERS, SE  
[72] MICKELSSON, KJELL-OVE, SE  
[72] FORSMO, SEIJA, SE  
[72] HOLMDAHL, URBAN, SE  
[73] LUOSSAVAARA-KIIRUNAVAARA AB, SE  
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[22] 2006-01-03  
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[11] **2,533,610**  
[13] C

[51] **Int.Cl. G06Q 10/00 (2012.01)**

[25] EN  
[54] **METHOD AND COMPUTER-READABLE MEDIUM FOR PROVIDING SPREADSHEET-DRIVEN KEY PERFORMANCE INDICATORS**  
[54] **METHODE ET SUPPORT LISIBLE PAR ORDINATEUR FOURNISSANT DES INDICATEURS DE RENDEMENT CLES AU MOYEN D'UN TABLEUR**  
[72] CROW, HOWARD M., US  
[72] DATARS, ANDREW E., US  
[72] MEGIDDO, ERAN, US  
[72] WONG, ALFRED FAI HANG, US  
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US  
[86] (2533610)  
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[25] FR  
[54] **METHOD FOR DETERMINATION OF AN OPHTHALMIC LENS USING AN ASTIGMATISM PRESCRIPTION FOR FAR SIGHT AND FOR NEAR SIGHT**  
[54] **PROCEDE DE DETERMINATION D'UNE LENTILLE OPHTALMIQUE UTILISANT UNE PRESCRIPTION D'ASTIGMATISME EN VISION DE LOIN ET EN VISION DE PRES**  
[72] DONETTI, BERANGERE, FR  
[72] PETIGNAUD, CECILE, FR  
[72] HERNANDEZ, MARTHA, FR  
[73] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR  
[85] 2006-02-02  
[86] 2004-07-27 (PCT/FR2004/002008)  
[87] (WO2005/019905)  
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[13] C

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[25] EN  
[54] **AN APPARATUS AND METHOD FOR PROVIDING A DENSITY MEASUREMENT AUGMENTED FOR ENTRAINED GAS**  
[54] **APPAREIL ET PROCEDE FOURNISSANT UNE MESURE DE LA DENSITE AUGMENTEE POUR UN GAZ ENTRAINE**  
[72] GYSLING, DANIEL L., US  
[72] CURRY, PATRICK, US  
[72] LOOSE, DOUGLAS H., US  
[72] BANACH, THOMAS E., US  
[73] EXPRO METERS, INC., US  
[85] 2006-03-03  
[86] 2004-08-02 (PCT/US2004/024803)  
[87] (WO2005/012881)  
[30] US (60/491,860) 2003-08-01  
[30] US (60/503,334) 2003-09-16  
[30] US (60/504,785) 2003-09-22  
[30] US (60/510,302) 2003-10-10  
[30] US (60/512,794) 2003-10-20  
[30] US (60/524,964) 2003-11-25  
[30] US (60/539,640) 2004-01-28  
[30] US (60/548,215) 2004-02-27  
[30] US (60/570,321) 2004-05-12  
[30] US (60/571,903) 2004-05-17  
[30] US (60/579,448) 2004-06-14  
[30] US (10/892,886) 2004-07-15

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[13] C

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[25] EN  
[54] **RING BINDER COVER**  
[54] **COUVRE-RELIURE A ANNEAUX**  
[72] LOCKHART, GREGORY L., US  
[72] ISRAEL, ERIC S., US  
[72] PYRYT, JOHN C., US  
[72] LOPEZ, MICHAEL A., US  
[72] FITZGERALD, LISA L., US  
[72] BEJSOVEC, JULIUS C., US  
[72] BYRD, LARRY R., US  
[73] LOCKHART INDUSTRIES, INC., US  
[86] (2543332)  
[87] (2543332)  
[22] 2006-04-13  
[30] US (11/115,975) 2005-04-27

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[13] C

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[25] EN  
[54] **ROOFING MEMBRANE TEMPERATURE INDICATOR**  
[54] **INDICATEUR DE TEMPERATURE DU REVETEMENT D'ETANCHEITE D'UNE TOITURE**  
[72] STOCK, THOMAS J., US  
[72] SWANN, RAYMOND C., US  
[72] GRIFFIN, CHRISTOPHER JAMES, US  
[72] HAZY, JOEL EVAN, US  
[73] JOHNS MANVILLE, US  
[86] (2546521)  
[87] (2546521)  
[22] 2006-05-11  
[30] US (11/127,429) 2005-05-12

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[13] C

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[25] EN  
[54] **SYSTEM AND METHOD FOR CONTROLLING CURRENT PROVIDED TO A STEPPING MOTOR**  
[54] **SYSTEME ET PROCEDE DE REGULATION D'UN COURANT FOURNI A UN MOTEUR PAS-A-PAS**  
[72] BRUNDLE, ALAN, US  
[72] ALLEN, TIM, GB  
[72] DAO, SON, US  
[73] BAXTER INTERNATIONAL INC., US  
[85] 2006-08-17  
[86] 2005-02-28 (PCT/US2005/006664)  
[87] (WO2005/093533)  
[30] US (10/802,180) 2004-03-17

[11] **2,556,981**  
[13] C

- [51] **Int.Cl. C12Q 1/68 (2006.01) C12P 19/34 (2006.01)**  
[25] EN  
[54] **METHOD FOR DETECTING AND QUANTIFYING RARE MUTATIONS OR POLYMORPHISMS**  
[54] **PROCEDE POUR DETECTER ET QUANTIFIER DES MUTATIONS OU POLYMORPHISMES RARES**  
[72] CANTOR, CHARLES R., US  
[72] DING, CHUNMING, CN  
[73] THE TRUSTEES OF BOSTON UNIVERSITY, US  
[85] 2006-08-17  
[86] 2005-02-18 (PCT/US2005/005255)  
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[30] US (60/545,382) 2004-02-18

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[13] C

[51] **Int.Cl. G06T 7/00 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR TREATING, DIAGNOSING AND PREDICTING THE OCCURRENCE OF A MEDICAL CONDITION**  
[54] **SYSTEMES ET PROCEDES POUR LE TRAITEMENT, LE DIAGNOSTIC ET LA PREDICTION DE LA SURVENANCE D'UNE CONDITION MEDICALE**  
[72] SAIDI, OLIVIER, US  
[72] VERBEL, DAVID A., US  
[72] TEVEROVSKIY, MIKHAIL, US  
[73] AUREON LABORATORIES, INC., US  
[85] 2006-09-08  
[86] 2005-03-14 (PCT/US2005/008350)  
[87] (WO2005/091203)  
[30] US (60/552,497) 2004-03-12  
[30] US (60/577,051) 2004-06-04  
[30] US (60/600,764) 2004-08-11  
[30] US (60/620,514) 2004-10-20  
[30] US (10/991,897) 2004-11-17  
[30] US (10/991,240) 2004-11-17  
[30] US (60/645,158) 2005-01-18  
[30] US (60/651,779) 2005-02-09  
[30] US (11/067,066) 2005-02-25

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[13] C

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[25] EN  
[54] **NOVEL HERBICIDE RESISTANCE GENES**  
[54] **NOUVEAUX GENES DE RESISTANCE AUX HERBICIDES**  
[72] WRIGHT, TERRY R., US  
[72] LIRA, JUSTIN M., US  
[72] MERLO, DONALD J., US  
[72] ARNOLD, NICOLE L. (HOPKINS), US  
[73] DOW AGROSCIENCES LLC, US  
[85] 2006-10-13  
[86] 2005-05-02 (PCT/US2005/014737)  
[87] (WO2005/107437)  
[30] US (60/567,052) 2004-04-30

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[13] C

[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 30/06 (2012.01)**  
[25] EN  
[54] **SYSTEM AND METHODS FOR ELECTRONIC COMMERCE USING PERSONAL AND BUSINESS NETWORKS**  
[54] **SYSTEME ET PROCEDES DE COMMERCE ELECTRONIQUE UTILISANT DES RESEAUX PERSONNELS ET COMMERCIAUX**  
[72] MACDONALD-KORTH, HOLLY C., US  
[72] PETERSON, SAMUEL JACOB, US  
[73] OVERSTOCK.COM, INC., US  
[85] 2006-12-04  
[86] 2005-05-25 (PCT/US2005/018436)  
[87] (WO2005/122077)  
[30] US (60/576,352) 2004-06-02  
[30] US (10/894,813) 2004-07-20  
[30] US (60/576,352 (CIP)) 2004-06-02  
[30] US (10/894,813 (CIP)) 2004-07-20

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[11] **2,569,379**  
[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01)**  
[25] EN  
[54] **TARGET-SPECIFIC COMPOMERS AND METHODS OF USE**  
[54] **COMPOMERES SPECIFIQUES DE CIBLE ET TECHNIQUES D'UTILISATION**  
[72] EHRICH, MATHIAS, US  
[72] VAN DEN BOOM, DIRK JOHANNES, US  
[73] AGENA BIOSCIENCE, INC., US  
[85] 2006-11-30  
[86] 2005-06-22 (PCT/US2005/022004)  
[87] (WO2006/091216)  
[30] US (10/874,898) 2004-06-23

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[11] **2,573,581**  
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[54] **METHOD OF APPLYING A SPHERICAL CORRECTION TO MAP DATA FOR RENDERING DIRECTION-OF-TRAVEL PATHS ON A WIRELESS COMMUNICATIONS DEVICE**  
[54] **METHODE D'APPLICATION DE CORRECTION SPHERIQUE A DES DONNEES CARTOGRAPHIQUES POUR GENERER DES CHEMINS A SENS DE DEPLACEMENT SUR UN DISPOSITIF DE COMMUNICATIONS SANS FIL**  
[72] KLASSEN, GERHARD DIETRICH, CA  
[72] YACH, DAVID, CA  
[73] BLACKBERRY LIMITED, CA  
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[54] **METHODS AND SYSTEMS FOR CONTROLLING OPERATION OF ELECTRONICALLY COMMUTATED MOTORS**  
[54] **METHODES ET SYSTEMES DE COMMANDE D'EXPLOITATION DES MOTEURS A COMMUTATION ELECTRONIQUE**  
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[73] REGAL BELOIT AMERICA, INC., US  
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[72] TICHBORNE, FRANKLIN GEORGE, GB  
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[72] BESSAGNET, FLORIAN ANDRE FRANCOIS, FR  
[72] COMMARET, PATRICE ANDRE, FR  
[72] DE SOUSA, MARIO CESAR, FR  
[72] HERNANDEZ, DIDIER HIPPOLYTE, FR  
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[54] **TREATMENT OF EYE DISORDERS CHARACTERIZED BY AN ELEVATED INTRAOCULAR PRESSURE BY SIRNAS**  
[54] **TRAITEMENT DE TROUBLES OCULAIRES CARACTERISES PAR UNE PRESSION INTRAOCULAIRE ELEVEE AU MOYEN DE SIARN**  
[72] JIMENEZ, ANA I., ES  
[72] SESTO, ANGELA, ES  
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[73] WES LLC, US  
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[54] **FORMULE STABLE DE COMPRIMES**  
[72] JUNGLES, STEVEN, US  
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[54] **SYSTEM AND METHOD FOR CARRYING OUT FIBERED MULTIPHOTON MICROSCOPIC IMAGERY OF A SAMPLE**  
[54] **SYSTEME ET PROCEDE D'IMAGERIE MICROSCOPIQUE MULTIPHOTONIQUE FIBRE D'UN ECHANTILLON**  
[72] VIELLEROBE, BERTRAND, FR  
[72] LACOMBE, FRANCOIS, FR  
[72] LOISEAU, ALEXANDRE, FR  
[72] LOURADOUR, FREDERIC, FR  
[72] LELEK, MICKAEL, FR  
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[54] **PROCEDE DE SIMULATION DE GRAIN DE FILM BASE SUR DES COEFFICIENTS DE TRANSFORMATION PRECALCULES**  
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[72] LLACH, JOAN, US  
[73] THOMSON LICENSING, FR  
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[54] **OPEN VESSEL SEALING FORCEPS DISPOSABLE HANDSWITCH**  
[54] **COMMANDE MANUELLE JETABLE POUR PINCE D'OBTURATION DE VAISSEAU OUVERT**  
[72] BETTA, CASEY D. DALLA, US  
[72] BUMGARNER, J. CODY, US  
[72] KINGSLEY, DYLAN, US  
[72] TWOMEY, JOHN R., US  
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[54] **OBTURATEUR DE VAISSEAUX AVEC MECANISME D'INCISION ELECTRIQUE**  
[72] JOHNSON, KRISTIN D., US  
[72] COUTURE, GARY M., US  
[72] UNGER, JEFF, US  
[72] SHARP, ROBERT, US  
[72] GARRISON, DAVID M., US  
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[72] KAWAI, YASUSHI, JP  
[72] UCHIDA, HIDEAKI, JP  
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[54] **INSTRUMENT D'ELECTROCHIRURGIE DIRIGEANT L'ENERGIE PRODUITE ET PROTEGEANT LES TISSUS ADJACENTS**

[72] COUTURE, GARY M., US  
[72] SHARP, ROBERT, US  
[72] WEINBERG, CRAIG, US  
[73] SHERWOOD SERVICES AG, CH  
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[25] EN  
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[54] **SYSTEME ET PROCEDE POUR LA GESTION DE PUISSANCE DANS LES UNITES MOBILES**

[72] FUCCELLO, JAMES R., US  
[73] SYMBOL TECHNOLOGIES, LLC, US  
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[54] **MACHINE DE DIALYSE AVEC CONTROLE DE GLYCEMIE**

[72] CIANCIAVICCHIA, DOMENICO, IT  
[72] FIORENZI, ANDREA, IT  
[72] BARONI, PAOLO, IT  
[72] CAVANI, SILVIA, IT  
[73] BELLCO S.R.L., IT  
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[54] **PREPARATION PROCESS OF AT LEAST ONE COBALT AND/OR NICKEL SALT OF AT LEAST ONE ANDERSON HETEROPOLYANION COMBINING MOLYBDENUM AND COLBALT OR NICKEL IN ITS STRUCTURE**

[54] **PROCEDE DE PREPARATION D'AU MOINS UN SEL DE COBALT ET/OU DE NICKEL D'AU MOINS UN HETEROPOLYANION D'ANDERSON COMBINANT DANS SA STRUCTURE LE MOLYBDENE ET LE COBALT OU LE NICKEL**

[72] PAYEN, EDMOND, FR  
[72] GUILLAUME, DENIS, FR  
[72] LAMONIER, CAROLE, FR  
[72] MARCHAND, KARIN, FR  
[73] IFP ENERGIES NOUVELLES, FR  
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[73] HBP BUILDING PRODUCTS LIMITED, GB  
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[54] **THE USE OF A PROSTAGLANDIN FOR TREATING MUCOSAL DISORDERS**

[54] **UTILISATION D'UNE PROSTAGLANDINE POUR LE TRAITEMENT DES TROUBLES DE LA MMUQUEUSE**

[72] UENO, RYUJI, US  
[72] KUNO, SACHIKO, US  
[72] BLIKSLAGER, ANTHONY T., US  
[72] MOESER, ADAM J., US  
[73] SUCAMPO AG, CH  
[73] NORTH CAROLINA STATE UNIVERSITY, US  
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[54] **COMPOSITIONS VACCINALES CONTRE L'INFLUENZA ET METHODE PERMETTANT D'IMMUNISER CONTRE LA GRIPPE**  
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[72] GLICKSMAN, AMI, IL  
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[54] **METHOD AND INSTALLATION FOR FIXED BED CONVERSION OF HEAVY PETROLEUM FRACTIONS WITH INTEGRATED PRODUCTION OF MIDDLE DISTILLATES WITH A VERY LOW SULPHUR CONTENT**  
[54] **PROCEDE ET INSTALLATION DE CONVERSION DE FRACTIONS LOURDES PETROLIERES EN LIT FIXE AVEC PRODUCTION INTEGREE DE DISTILLATS MOYENS A TRES BASSE TENEUR EN SOUFRE**  
[72] MOREL, FREDERIC, FR  
[72] GRAGNANI, ANDREA, FR  
[73] IFP ENERGIES NOUVELLES, FR  
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[25] EN  
[54] **AUTOMATIC TEXT-INDEPENDENT, LANGUAGE-INDEPENDENT SPEAKER VOICE-PRINT CREATION AND SPEAKER RECOGNITION**  
[54] **CREATION AUTOMATIQUE D'EMPREINTES VOCALES D'UN LOCUTEUR NON LIEES A UN TEXTE, NON LIEES A UN LANGAGE, ET RECONNAISSANCE DU LOCUTEUR**  
[72] VAIR, CLAUDIO, IT  
[72] COLIBRO, DANIELE, IT  
[72] FISSORE, LUCIANO, IT  
[73] LOQUENDO S.P.A., IT  
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[54] **TRAITEMENT DE TROUBLES DU REPLIEMENT DES PROTEINES**  
[72] HADDEN, MARK, US  
[72] CARTER, MICHAEL D., CA  
[72] JACOBO, SHEILA MARIE H., CA  
[72] LU, ERHU, CA  
[72] WEAVER, DONALD F., CA  
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[54] **COMPOSITIONS AND METHODS OF TREATING DISEASE WITH FGFR FUSION PROTEINS**  
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE MALADIES A L'AIDE DE PROTEINES DE FUSION FGFR**  
[72] WILLIAMS, LEWIS T., US  
[72] BOSCH, ELIZABETH, US  
[72] DOBERSTEIN, STEPHEN, US  
[72] HESTIR, KEVIN, US  
[72] HOLLENBAUGH, DIANE, US  
[72] LEE, ERNESTINE, US  
[72] QIN, MINMIN, US  
[72] SADRA, ALI, US  
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[54] **PROCESS FOR SLURRY HYDROCONVERSION OF HEAVY HYDROCARBON CHARGES IN THE PRESENCE OF A DISPERSED ACTIVE PHASE AND AN ALUMINA OXIDE**  
[54] **PROCEDE D'HYDROCONVERSION EN SLURRY DE CHARGES HYDROCARBONEES LOURDES EN PRESENCE D'UNE PHASE ACTIVE DISPERSEE ET D'UN OXYDE A BASE D'ALUMINE**  
[72] ROY-AUBERGER, MAGALIE, FR  
[73] IFP ENERGIES NOUVELLES, FR  
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[25] EN  
[54] **MEASUREMENT OF DISTRIBUTED TOTAL ACID NUMBERS BY ELECTROSPRAY MASS SPECTROMETRY**  
[54] **MESURE DES INDICES D'ACIDITE TOTALE DISTRIBUES, PAR SPECTROMETRIE DE MASSE A ELECTRONEBULISATION**  
[72] QIAN, KUANGNAN, US  
[72] EDWARDS, KATHLEEN E., US  
[72] DECHERT, GARY JAMES, US  
[72] JAFFE, STEPHEN B., US  
[72] GREEN, LARRY A., US  
[72] OLMSTEAD, WILLIAM N., US  
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
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[25] EN  
[54] **STEEL ALLOY AND TOOLS OR COMPONENTS MANUFACTURED OUT OF THE STEEL ALLOY**  
[54] **ALLIAGE D'ACIER, ET OUTILS OU COMPOSANTS FABRIQUES A PARTIR DE CET ALLIAGE D'ACIER**  
[72] JOENSON, LENNART, SE  
[72] SANDBERG, ODD, SE  
[73] UDDEHOLMS AB, SE  
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[25] EN  
[54] **DOUBLE OFFSET PIPE HANGER AND RESTRAINER**  
[54] **ETRIER CONTRE-COUDE POUR LA FIXATION SUSPENDUE DE CANALISATIONS**  
[72] HEATH, RICHARD W., US  
[73] COOPER B-LINE, INC., US  
[86] (2618941)  
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[25] EN  
[54] **DYNAMICALLY EXTENSIBLE AND AUTOMATICALLY CONFIGURABLE BUILDING AUTOMATION SYSTEM AND ARCHITECTURE**  
[54] **SYSTEME DE CONTROLE AUTOMATIQUE DE BATIMENTS A EXTENSION DYNAMIQUE ET CONFIGURATION AUTOMATIQUE, ET ARCHITECTURE**  
[72] MCCOY, SEAN M., US  
[72] RICHARDS, DAVID M., US  
[73] TRANE INTERNATIONAL INC., US  
[85] 2008-02-21  
[86] 2006-08-15 (PCT/US2006/031863)  
[87] (WO2007/024573)  
[30] US (11/208,773) 2005-08-22  
[30] US (11/316,410) 2005-12-22  
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[54] **ETIQUETAGE UTILISE DANS LA CAPTURE DE MOUVEMENTS**  
[72] GORDON, DEMIAN, US  
[72] HAUCK, DENNIS J., JR., US  
[73] SONY CORPORATION, JP  
[73] SONY PICTURES ENTERTAINMENT INC., US  
[85] 2008-02-26  
[86] 2006-08-28 (PCT/US2006/033711)  
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[54] **CAPTURING AND PROCESSING FACIAL MOTION DATA**  
[54] **CAPTURE ET TRAITEMENT DE DONNEES DE MOUVEMENT FACIAL**  
[72] GORDON, DEMIAN, US  
[72] SCOTT, REMINGTON, US  
[72] HAVALDAR, PARAG, US  
[72] HAUCK, DENNIS J., JR., US  
[73] SONY CORPORATION, JP  
[73] SONY PICTURES ENTERTAINMENT INC., US  
[85] 2008-02-26  
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[54] **INTERIOR TRIM COMPONENT AND METHOD OF FORMING THE SAME**  
[54] **ELEMENT DE GARNITURE INTERIEURE ET METHODE DE FORMAGE**  
[72] ARNOLD, DENNIS L., US  
[72] WEST, MICHAEL A., US  
[72] VALCKE, ROBERT J., US  
[73] MAGNA INTERNATIONAL INC., CA  
[86] (2626502)  
[87] (2626502)  
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[54] **SAFETY VALVE**  
[54] **SOUPAPE DE SURETE**  
[72] BRADDICK, BRITT O., US  
[73] TIW CORPORATION, US  
[86] (2629124)  
[87] (2629124)  
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[25] EN  
[54] **A MODULAR PROCESSING DEVICE AS WELL AS A CONSTRUCTION KIT FOR THE CONSTRUCTION OF SUCH A PROCESSING DEVICE**  
[54] **DISPOSITIF DE TRAITEMENT MODULAIRE AINSI QUE TROUSSE DE CONSTRUCTION POUR LA CONSTRUCTION DE CE DISPOSITIF**  
[72] RAMSEIER, MARCEL, CH  
[73] FERAG AG, CH  
[86] (2629506)  
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[54] **DISJONCTEUR-REECLENCEUR**  
[72] SMITH, RICHARD G., US  
[72] BOGUSZ, JASON R., US  
[72] ENNIS, MICHAEL G., US  
[72] HARDESTY, GARY W., US  
[72] KOVANKO, THOMAS E., US  
[72] MIKOSZ, RICHARD P., US  
[72] PFISTER, ANDREW D., US  
[72] SWANSON, ROY T., US  
[72] BENSON, KEITH, IV, US  
[73] S & C ELECTRIC COMPANY, US  
[85] 2008-05-26  
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[30] US (60/739,894) 2005-11-28  
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[25] EN  
[54] **BIOCOMPATIBLE MATERIAL HAVING BIOCOMPATIBLE NON-WOVEN NANO- OR MICRO-FIBER FABRIC PRODUCED BY ELECTROSPINNING METHOD, AND METHOD FOR PRODUCTION OF THE MATERIAL**  
[54] **MATERIAU BIOCOMPATIBLE COMPRENANT UN TEXTILE NON TISSE A NANOFIBRES OU A MICROFIBRES PRODUIT PAR UNE METHODE D'ELECTROFILAGE, ET METHODE DE PRODUCTION DUDIT MATERIAU**  
[72] KITA, KAZUYOSHI, JP  
[72] KATSURAGI, YASUHIRO, JP  
[72] TAKEMURA, AKANE, JP  
[73] SUNSTAR SUISSE SA, CH  
[85] 2008-05-22  
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[25] EN

[54] **SOCIAL AND INTERACTIVE APPLICATIONS FOR MASS MEDIA**

[54] **APPLICATIONS SOCIALES ET INTERACTIVES POUR MEDIA DE MASSE**

[72] FINK, MICHAEL, US

[72] BALUJA, SHUMEET, US

[72] COVELL, MICHELE, US

[73] GOOGLE INC., US

[85] 2008-05-26

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[54] **HER2 BINDING POLYPEPTIDES AND USES THEREOF**

[54] **POLYPEPTIDES DE LIAISON A HER2 ET LEURS UTILISATIONS**

[72] SIDHU, SACHDEV S., US

[72] BIRTALAN, SARA C., US

[72] FELLOUSE, FREDERIC A., CA

[73] GENENTECH, INC., US

[85] 2008-05-27

[86] 2006-12-01 (PCT/US2006/046046)

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[25] EN

[54] **METHOD AND DEVICE FOR DETECTING THE LOCATION OF A PULSE-TYPE MECHANICAL EFFECT ON A SYSTEM PART**

[54] **METHODE ET DISPOSITIF PERMETTANT LA DETECTION DE L'EMPLACEMENT D'UN EFFET MECANIQUE DE TYPE A IMPULSION SUR UNE PIECE DE SYSTEME**

[72] BECHTOLD, BELA, DE

[72] JAX, PETER, DE

[72] OCELIK, VOJTECH, DE

[72] ZACH, JAN, DE

[73] AREVA GMBH, DE

[85] 2008-06-30

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[51] **Int.Cl. E04C 5/07 (2006.01) E04G 23/02 (2006.01)**

[25] FR

[54] **PROCESS FOR REINFORCING A BUILDING STRUCTURE, AND STRUCTURE THUS REINFORCED**

[54] **PROCEDE DE RENFORCEMENT D'UN OUVRAGE DE CONSTRUCTION, ET OUVRAGE AINSI RENFORCE**

[72] TOURNEUR, CHRISTIAN, FR

[72] DESCHAMPS, DOMINIQUE, FR

[73] FREYSSINET, FR

[86] (2636921)

[87] (2636921)

[22] 2008-07-08

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[25] EN

[54] **HINGED LID FOR A FOOD CONTAINER**

[54] **COUVERCLE A CHARNIERE POUR CONTENANT ALIMENTAIRE**

[72] ZEILER, GEORGE, US

[72] WEBB, GREGORY L., US

[73] HUHTAMAKI, INC., US

[86] (2637096)

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[51] **Int.Cl. B32B 33/00 (2006.01) B32B 27/08 (2006.01)**

[25] EN

[54] **FIBERGLASS REINFORCED PLASTIC PRODUCTS HAVING INCREASED WEATHERABILITY, SYSTEM AND METHOD**

[54] **PRODUITS PLASTIQUE RENFORCES DE FIBRE DE VERRE AYANT UNE RESISTANCE AUX INTEMPERIES AMELIOREE, SYSTEME ET METHODE**

[72] KELLY, RICHARD M., US

[72] GAUCHEL, JAMES VINCENT, US

[72] CLAPPER, ALLISON STRIGHT, US

[73] WERNER CO., US

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[54] **TWIST LOCKING CONNECTION FOR STEAM HUMIDIFIER**

[54] **RACCORD A VERROUILLAGE PAR TORSION POUR HUMIDIFICATEUR A INJECTION DE VAPEUR**

[72] NOVOTNY, JOSEF, US  
[72] ANDERSON, WAYNE R., US  
[72] TERLSON, BRAD ALAN, US  
[72] WOLFF, STEVE L., US  
[73] HONEYWELL INTERNATIONAL INC., US  
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[25] EN

[54] **PROCESS FOR PREPARING LOW-VISCOSITY ALLOPHANATES CONTAINING ACTINICALLY CURABLE GROUPS**

[54] **PROCEDE DE PREPARATION D'ALLOPHANATES DE FAIBLE VISCOSITE CONTENANT DES GROUPES DURCISSABLES SOUS RAYONNEMENT ACTINIQUE**

[72] LUDEWIG, MICHAEL, DE  
[72] FISCHER, WOLFGANG, DE  
[72] KUCZEWSKI, HELMUT, DE  
[73] ALLNEX IP S.A.R.L., LU  
[86] (2639063)  
[87] (2639063)  
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[30] DE (102007040240.8) 2007-08-25

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[13] C

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[54] **PROCESS FOR PREPARING LOW-VISCOSITY ALLOPHANATES CONTAINING ACTINICALLY CURABLE GROUPS**

[54] **PROCEDE DE PREPARATION D'ALLOPHANATES DE FAIBLE VISCOSITE CONTENANT DES GROUPES DURCISSABLES SOUS RAYONNEMENT ACTINIQUE**

[72] LUDEWIG, MICHAEL, DE  
[72] FISCHER, WOLFGANG, DE  
[72] KUCZEWSKI, HELMUT, DE  
[73] ALLNEX IP S.A.R.L., LU  
[86] (2639103)  
[87] (2639103)  
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[30] DE (102007040239.4) 2007-08-25

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[54] **JOINING CLIP FOR MODULAR PANELS**

[54] **AGRAFE DE JONCTION POUR PANNEAU MODULAIRE**

[72] GINGRAS, JEAN-PIERRE, CA  
[73] GINGRAS, JEAN-PIERRE, CA  
[86] (2640216)  
[87] (2640216)  
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[13] C

[51] **Int.Cl. G06F 9/44 (2006.01) G06F 21/32 (2013.01) G06F 9/445 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR INSTALLING PORTABLE EXECUTABLE APPLICATIONS**

[54] **PROCEDE ET SYSTEME D'INSTALLATION D'APPLICATIONS PORTABLES EXECUTABLES**

[72] HAMID, LAURENCE, CA  
[72] CHARBONNEAU, MARC, CA  
[73] IMATION CORP., US  
[85] 2008-07-25  
[86] 2007-02-06 (PCT/CA2007/000154)  
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[54] **WOUND CLOSURE DEVICES AND METHODS**

[54] **DISPOSITIFS DE FERMETURE DE PLAIES**

[72] COLEMAN, JAMES E., IE  
[72] CUMMINS, CHRISTY, IE  
[73] COLEMAN, JAMES E., IE  
[73] CUMMINS, CHRISTY, IE  
[85] 2008-07-28  
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[54] **FIBER OPTIC CABLE HAVING A DRY INSERT AND METHODS OF MAKING THE SAME**  
[54] **CABLE A FIBRE OPTIQUE DOTE D'UN ELEMENT D'INSERTION SEC ET SON PROCEDE DE FABRICATION**  
[72] GREENWOOD, JULIEN LATELLE, III, US  
[72] TEMPLE, KENNETH D., JR, US  
[72] LAIL, KEITH H, US  
[72] SEDDON, DAVID A, US  
[72] TUTTLE, RANDALL, US  
[73] CORNING CABLE SYSTEMS LLC, US  
[85] 2008-08-08  
[86] 2006-08-16 (PCT/US2006/031902)  
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[13] C

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[25] EN  
[54] **EXTERNAL PREPARATION FOR SKIN CONTAINING FLAVANONE DERIVATIVE**  
[54] **PREPARATION EXTERNE DE LA PEAU CONTENANT UN DERIVE DE FLAVANONE**  
[72] KIDA, NAOKO, JP  
[72] TADA, AKIHIRO, JP  
[72] KANAMARU, AKIKO, JP  
[73] POLA CHEMICAL INDUSTRIES INC., JP  
[85] 2008-08-14  
[86] 2007-02-15 (PCT/JP2007/052672)  
[87] (WO2007/094384)  
[30] JP (2006-037647) 2006-02-15  
[30] JP (2006-181185) 2006-06-30  
[30] JP (2006-181186) 2006-06-30  
[30] JP (2006-195034) 2006-07-18

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[13] C

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[54] **HEAT TRANSFER TUBE SUPPORT STRUCTURE**  
[54] **STRUCTURE DE SUPPORT DESTINEE A UN TUBE DE TRANSFERT DE CHALEUR**  
[72] INOUE, TOMOYUKI, JP  
[72] OGAWA, NAOKI, JP  
[72] HIRANO, HIROSHI, JP  
[72] SHIOTA, MASAO, JP  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[85] 2008-08-21  
[86] 2007-03-20 (PCT/JP2007/055663)  
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[25] EN  
[54] **WELL PLANNING SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE DE PLANIFICATION DE Puits**  
[72] GIVENS, KRIS, US  
[72] VEENINGEN, DAAN, US  
[72] BRADY, JAMES, US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2008-08-26  
[86] 2007-02-23 (PCT/US2007/004804)  
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[30] US (60/777,143) 2006-02-27  
[30] US (11/708,861) 2007-02-21

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[13] C

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[25] EN  
[54] **MECHANICAL SEAL WITH ENHANCED FACE STABILITY**  
[54] **JOINT MECANIQUE A STABILITE FRONTALE AMELIOREE**  
[72] BASU, PRITHWISH, US  
[72] CASUCCI, DAVID P., US  
[73] JOHN CRANE INC., US  
[85] 2008-09-05  
[86] 2007-03-08 (PCT/US2007/063576)  
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[30] US (60/780,334) 2006-03-08  
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[13] C

[51] **Int.Cl. B65H 29/04 (2006.01)**  
[25] EN  
[54] **A GRIPPER FOR GRIPPING AND CONVEYING FLAT OBJECTS**  
[54] **OUTIL DE PREHENSION POUR PREHENSION ET TRANSPORT D'OBJETS PLATS**  
[72] MADER, CARL CONRAD, CH  
[72] AUF DER MAUR, KONRAD, CH  
[73] FERAG AG, CH  
[85] 2008-10-02  
[86] 2007-04-07 (PCT/CH2007/000172)  
[87] (WO2007/115421)  
[30] CH (610/06) 2006-04-12

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[11] **2,648,442**  
[13] C

[51] **Int.Cl. A01B 63/22 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING THE DEPTH OF AN AGRICULTURAL WORK UNIT MOUNTED TO A FRAME THAT CAN BE RAISED AND LOWERED BY A CYLINDER ASSEMBLY**  
[54] **METHODE ET DISPOSITIF DE REGLAGE DE PROFONDEUR D'UN INSTRUMENT ARATOIRE MONTÉ SUR UN CHASSIS POUVANT ÊTRE ÉLEVÉ OU ABAISSÉ PAR VERIN HYDRAULIQUE**  
[72] HENRY, JAMES, CA  
[72] KNOBLOCH, DEAN, US  
[73] CNH INDUSTRIAL CANADA, LTD., CA  
[86] (2648442)  
[87] (2648442)  
[22] 2009-01-06  
[30] US (12/133,632) 2008-06-05

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[13] C

[51] **Int.Cl. A61K 31/05 (2006.01) A61K 31/34 (2006.01) A61K 31/35 (2006.01) A61K 31/381 (2006.01) A61K 31/382 (2006.01) A61K 31/4353 (2006.01) A61K 31/44 (2006.01) A61K 31/4427 (2006.01) A61K 31/445 (2006.01) A61K 31/4523 (2006.01) A61K 31/50 (2006.01) A61K 31/501 (2006.01) A61K 31/502 (2006.01) C07C 39/08 (2006.01) C07D 211/00 (2006.01)**  
[25] EN  
[54] **ABNORMAL CANNABIDIOLS AS AGENTS FOR LOWERING INTRAOCULAR PRESSURE**  
[54] **CANNABIDIOLS ANORMAUX UTILES COMME AGENTS DESTINÉS À FAIRE BAISSER LA PRESSION INTRAOCULAIRE**  
[72] CHEN, JUNE, US  
[72] FLIRI, HANS, GB  
[72] PETTIT, SIMON, GB  
[73] ALLERGAN, INC., US  
[85] 2008-10-07  
[86] 2007-04-24 (PCT/US2007/067267)  
[87] (WO2007/127711)  
[30] US (11/409,871) 2006-04-24  
[30] US (11/409,570) 2006-04-24  
[30] US (11/409,868) 2006-04-24

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[11] **2,651,374**  
[13] C

[51] **Int.Cl. G06Q 10/08 (2012.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR INTERNATIONAL DUTIABLE RETURNS RELATED APPLICATIONS**  
[54] **SYSTEMES ET PROCÉDES POUR DES APPLICATIONS APPARENTEES À DES RETOURS TAXABLES INTERNATIONAUX**  
[72] MACK, DENNIS, US  
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US  
[85] 2008-11-05  
[86] 2007-06-22 (PCT/US2007/014627)  
[87] (WO2008/002494)  
[30] US (60/805,628) 2006-06-23  
[30] US (11/765,266) 2007-06-19

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[13] C

[51] **Int.Cl. D01D 5/00 (2006.01) A61L 27/38 (2006.01) A61L 27/58 (2006.01) D01F 6/62 (2006.01) D01F 6/84 (2006.01)**  
[25] EN  
[54] **SCAFFOLD**  
[54] **ECHAFAUDAGE**  
[72] FRY, NICHOLAS, GB  
[72] DAGGER, ANTHONY, GB  
[72] MORSLEY, DAVID, GB  
[72] LECOMTE, HELENE, GB  
[72] TRAYHERN, ROY, GB  
[72] HOWARD, MARK, GB  
[72] FREESTONE, SARAH, GB  
[72] THOMSON, BRIAN, GB  
[72] SMITH, MARK, GB  
[72] CRALLAN, REBECCA, GB  
[73] SMITH & NEPHEW PLC, GB  
[85] 2008-11-12  
[86] 2007-05-10 (PCT/GB2007/001713)  
[87] (WO2007/132186)  
[30] GB (0609455.1) 2006-05-12  
[30] GB (0702846.7) 2007-02-14

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[13] C

[51] **Int.Cl. A47C 19/04 (2006.01) A47C 19/14 (2006.01) A47C 19/22 (2006.01) A47C 27/08 (2006.01)**  
[25] EN  
[54] **BED WITH COLLAPSIBLE FRAME**  
[54] **LIT AVEC CADRE DEMONTABLE**  
[72] PEIXIN, ZHU, CN  
[72] YUL, LEE, PIL, KR  
[73] NORTH POLE US LLC, US  
[85] 2008-12-16  
[86] 2007-06-21 (PCT/US2007/071764)  
[87] (WO2008/002826)  
[30] CN (200620086530.3) 2006-06-28  
[30] US (11/712,762) 2007-02-28

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[13] C

[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/525 (2006.01) A61K 31/567 (2006.01) A61K 31/585 (2006.01) A61P 15/18 (2006.01)**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION CONTAINING A TETRAHYDROFOLIC ACID**  
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT UN ACIDE TETRAHYDROFOLIQUE**  
[72] KING, KRISTINA, DE  
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE  
[85] 2008-12-23  
[86] 2007-06-29 (PCT/EP2007/005764)  
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[30] EP (06014002.7) 2006-07-06

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[25] EN

[54] **CANNABINOIDS FOR USE IN THE TREATMENT OF NEUROPATHIC PAIN**

[54] **CANNABINOIDES DESTINES A ETRE UTILISES DANS LE TRAITEMENT DE LA DOULEUR NEVROPATHIQUE**

[72] GUY, GEOFFREY, GB

[72] COSTA, BARBARA, IT

[73] GW PHARMA LIMITED, GB

[85] 2008-12-18

[86] 2007-06-21 (PCT/GB2007/002315)

[87] (WO2007/148094)

[30] GB (0612512.4) 2006-06-23

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[13] C

[51] **Int.Cl. A61B 5/0476 (2006.01) A61B 5/0488 (2006.01) A61M 16/00 (2006.01)**

[25] FR

[54] **DEVICE FOR DETECTING THE IMPROPER ADJUSTMENT OF A VENTILATORY SUPPORT MACHINE USED ON A MAMMAL**

[54] **DISPOSITIF DE DETECTION D'UN REGLAGE INAPPROPRIE D'UNE MACHINE D'ASSISTANCE VENTILATOIRE UTILISEE SUR UN MAMMIFERE**

[72] SIMILOWSKI, THOMAS, FR

[72] RAUX, MATHIEU, FR

[72] STRAUS, CHRISTIAN, FR

[72] RAY, PATRICK, FR

[73] UNIVERSITE PIERRE ET MARIE CURIE-PARIS VI, FR

[85] 2009-01-08

[86] 2007-07-05 (PCT/FR2007/001148)

[87] (WO2008/006963)

[30] FR (0606261) 2006-07-10

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[13] C

[51] **Int.Cl. G06F 3/0487 (2013.01) G06F 3/0354 (2013.01) H04W 88/02 (2009.01) G06F 15/02 (2006.01)**

[25] EN

[54] **TRACKBALL SYSTEM AND METHOD FOR A MOBILE DATA PROCESSING DEVICE**

[54] **SYSTEME DE BOULE DE POINTAGE ET PROCEDE POUR UN DISPOSITIF DE TRAITEMENT DE DONNEES MOBILE**

[72] LEE, CHUNKWOK, US

[72] GONG, KEVIN, US

[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US

[85] 2009-01-09

[86] 2007-07-06 (PCT/US2007/015520)

[87] (WO2008/008267)

[30] US (11/484,105) 2006-07-10

[30] US (11/484,237) 2006-07-10

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[13] C

[51] **Int.Cl. E21B 43/16 (2006.01) E21B 43/30 (2006.01)**

[25] EN

[54] **METHODS FOR PRODUCING OIL AND/OR GAS**

[54] **PROCEDES DE PRODUCTION DE PETROLE ET/OU DE GAZ**

[72] HSU, CHIA-FU, NL

[72] SCHOONEBEEK, RONALD JAN, NL

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

[85] 2009-02-05

[86] 2007-08-08 (PCT/US2007/075483)

[87] (WO2008/021883)

[30] US (60/822,014) 2006-08-10

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[13] C

[51] **Int.Cl. B65D 85/804 (2006.01)**

[25] EN

[54] **PAD WITH A COVERING FILLED WITH A PRODUCT TO BE EXTRACTED, ASSEMBLY OF A FIRST AND A SECOND PAD; AND METHOD FOR PREPARING A SMALL OR LARGE AMOUNT OF BEVERAGE**

[54] **COUSSIN DOTE D'UN REVETEMENT REMPLI D'UN PRODUIT A EXTRAIRE, ENSEMBLE D'UN PREMIER ET D'UN DEUXIEME COUSSINS ET METHODE DE PREPARATION D'UNE PETITE OU D'UNE GRANDE QUANTITE D'UNE BOISSON**

[72] BROUWER, GUSTAAF FRANS, NL

[72] KOELING, HENDRIK CORNELIS, NL

[73] KONINKLIJKE DOUWE EGBERTS B.V., NL

[85] 2009-02-09

[86] 2007-08-09 (PCT/NL2007/050397)

[87] (WO2008/018793)

[30] NL (1032292) 2006-08-10

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[13] C

[51] **Int.Cl. A61K 31/133 (2006.01) A61K 31/138 (2006.01) A61K 31/4245 (2006.01) A61K 31/661 (2006.01) A61K 45/06 (2006.01) A61P 25/00 (2006.01) A61P 25/02 (2006.01) A61P 37/00 (2006.01)**

[25] EN

[54] **TREATMENT OF INFLAMMATORY DISEASES**

[54] **TRAITEMENT DE MALADIES INFLAMMATOIRES**

[72] SOLIVEN, BETTY C., US

[73] UNIVERSITY OF CHICAGO, US

[85] 2009-02-13

[86] 2007-08-17 (PCT/US2007/018331)

[87] (WO2008/021532)

[30] US (60/838,222) 2006-08-17

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[51] **Int.Cl. A01N 63/02 (2006.01)**  
[25] EN  
[54] **INSECT REPELLENT  
COMPRISING AN EXTRACT  
FROM THE FEATHERS OF  
AUSTRALIAN PARROTS**  
[54] **INSECTIFUGE COMPRENANT UN  
EXTRAIT PROVENANT DES  
PLUMES DE PERROQUETS  
AUSTRALIENS**  
[72] CHAMBERLAIN, JOHN, AU  
[73] COCKY SMART PTY LTD, AU  
[85] 2009-02-17  
[86] 2007-08-17 (PCT/AU2007/001185)  
[87] (WO2008/019453)  
[30] AU (2006904487) 2006-08-18

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[13] C  
[51] **Int.Cl. G01F 1/84 (2006.01) G01F  
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[25] EN  
[54] **MULTIPLE FLOW CONDUIT  
FLOW METER**  
[54] **DEBITMETRE A CONDUITES  
D'ECOULEMENT MULTIPLES**  
[72] STACK, CHARLES PAUL, US  
[72] PATTEN, ANDREW TIMOTHY, US  
[72] LANHAM, GREGORY TREAT, US  
[72] BELL, MARK JAMES, US  
[73] MICRO MOTION, INC., US  
[85] 2009-02-20  
[86] 2006-08-24 (PCT/US2006/033024)  
[87] (WO2008/024112)

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[13] C  
[51] **Int.Cl. H04W 24/06 (2009.01)**  
[25] EN  
[54] **SYSTEM, MOBILE  
COMMUNICATION UNIT AND  
METHOD FOR TESTING A  
RECEIVER PERFORMANCE**  
[54] **SYSTEME, UNITE DE  
COMMUNICATION MOBILE ET  
PROCEDE POUR TESTER UNE  
PERFORMANCE DE RECEPTEUR**  
[72] MAUCKSCH, THOMAS, DE  
[73] ROHDE & SCHWARZ GMBH & CO.  
KG, DE  
[85] 2009-02-12  
[86] 2007-04-26 (PCT/EP2007/003699)  
[87] (WO2008/019713)  
[30] EP (06017246.7) 2006-08-18

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[13] C  
[51] **Int.Cl. A61K 39/42 (2006.01) C07K  
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C12N 5/16 (2006.01) C12N 15/13  
(2006.01) C12P 21/08 (2006.01) C07K  
14/07 (2006.01)**  
[25] EN  
[54] **SMALLPOX MONOCLONAL  
ANTIBODY**  
[54] **ANTICORPS MONOCLONAL DE  
LA VARIOLE**  
[72] KINET, JEAN-PIERRE, US  
[72] JOUVIN, MARIE-HELENE, US  
[73] QUERCEGEN PHARMA LLC, US  
[85] 2009-02-23  
[86] 2007-08-22 (PCT/US2007/076532)  
[87] (WO2008/085551)  
[30] US (60/839,579) 2006-08-23

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[13] C  
[51] **Int.Cl. A61B 17/32 (2006.01)**  
[25] EN  
[54] **ULTRASONIC WOUND  
TREATMENT METHOD AND  
APPARATUS**  
[54] **PROCEDE ET APPAREIL DE  
TRAITEMENT ULTRASONIQUE  
DE PLAIES**  
[72] SCHAFFER, MARK, US  
[72] NOVAK, THEODORE A. D., US  
[72] MANNA, RONALD R., US  
[73] MISONIX INCORPORATED, US  
[85] 2009-02-25  
[86] 2007-08-17 (PCT/US2007/018322)  
[87] (WO2008/027223)  
[30] US (11/511,853) 2006-08-29

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[51] **Int.Cl. A61L 27/38 (2006.01) C12N  
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[25] EN  
[54] **REPAIR OF CARTILAGE TISSUE  
USING A MATRIX GEL  
INCORPORATING  
CHONDROCYTES AT A CELL  
DENSITY LESS THAN THAT IN  
THE NATIVE CARTILAGE  
TISSUE**  
[54] **REGENERATION DE TISSUS  
CARTILAGINEUX**  
[72] HENDRIKS, JEANINE ANNA  
ALPHONSE, NL  
[72] RIESLE, JENS UWE, NL  
[73] CELLCOTEC B.V., NL  
[85] 2009-02-26  
[86] 2007-08-31 (PCT/NL2007/050430)  
[87] (WO2008/026928)  
[30] EP (06076645.8) 2006-08-31

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[13] C  
[51] **Int.Cl. C04B 24/10 (2006.01) C04B  
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C04B 38/10 (2006.01)**  
[25] EN  
[54] **GYPHUM BUILDING BOARDS  
EN GYPSE**  
[54] **PANNEAUX DE CONSTRUCTION  
EN GYPSE**  
[72] GAILLARD, NATHALIE AGNES, FR  
[72] GEERAERT, EMMANUEL HENRI  
CONSTANT AMAND, BE  
[73] BPB LIMITED, GB  
[85] 2009-02-27  
[86] 2007-08-28 (PCT/GB2007/050508)  
[87] (WO2008/026006)  
[30] GB (0616091.5) 2006-08-29

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[13] C

[51] **Int.Cl. C09K 9/02 (2006.01) C07F 15/04 (2006.01) C07F 15/06 (2006.01)**

[25] EN

[54] **LIGAND EXCHANGE THERMOCHROMIC, (LETC), SYSTEMS**

[54] **SYSTEMES THERMOCHROMES D'ECHANGE DE LIGANDS, (LETC)**

[72] VANDER GRIEND, DOUGLAS A., US

[72] OGBURN, PAUL H., JR., US

[72] MILLETT, FREDERICK A., US

[72] MILLETT, FREDERICK C., US

[72] WINKLE, DERICK D., US

[72] BYKER, HARLAN J., US

[72] VELDKAMP, BRAD S., US

[73] PLEOTINT, L.L.C., US

[85] 2009-02-27

[86] 2007-08-31 (PCT/US2007/077385)

[87] (WO2008/028128)

[30] US (60/841,827) 2006-09-01

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[13] C

[51] **Int.Cl. H04W 88/02 (2009.01) G04G 9/00 (2006.01) G04G 13/02 (2006.01) G06F 3/14 (2006.01) G09G 5/10 (2006.01) G06F 15/02 (2006.01)**

[25] EN

[54] **ELECTRONIC DEVICE AND METHOD PROVIDING ACTIVATION OF AN IMPROVED BEDTIME MODE OF OPERATION**

[54] **DISPOSITIF ELECTRONIQUE ET PROCEDE ASSURANT L'ACTIVATION D'UN MODE DE FONCTIONNEMENT AU COUCHER AMELIORE**

[72] LAZARIDIS, MIHAL, CA

[72] KLASSEN, GERHARD DIETRICH, CA

[72] ADAMS, NEIL PATRICK, CA

[73] BLACKBERRY LIMITED, CA

[86] (2665750)

[87] (2665750)

[22] 2009-05-11

[30] US (61/052,231) 2008-05-11

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[13] C

[51] **Int.Cl. D21H 23/14 (2006.01) D21H 17/37 (2006.01) D21H 21/18 (2006.01) D21H 21/20 (2006.01)**

[25] EN

[54] **A PROCESS FOR IMPROVING PAPER STRENGTH**

[54] **PROCEDE POUR AMELIORER LA RESISTANCE DE PAPIER**

[72] BUWONO, SULEMAN, ID

[72] REDDIHOUGH, GARY, GB

[72] DOGGE, JOZEF MARIA LEONARDUS, ID

[73] CIBA HOLDING INC., CH

[85] 2009-04-23

[86] 2007-10-15 (PCT/EP2007/060929)

[87] (WO2008/049748)

[30] EP (06122952.2) 2006-10-25

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[13] C

[51] **Int.Cl. B29C 70/48 (2006.01) B29C 70/44 (2006.01) C04B 35/83 (2006.01)**

[25] EN

[54] **IMPROVED METHOD FOR MANUFACTURING COMPOSITE COMPONENTS**

[54] **PROCEDE AMELIORE DE FABRICATION DE COMPOSANTS COMPOSITES**

[72] FARMER, BENJAMIN, GB

[72] BUCKLEY, MARCEL, GB

[73] AIRBUS OPERATIONS LIMITED, GB

[85] 2009-04-22

[86] 2007-11-21 (PCT/GB2007/050702)

[87] (WO2008/065446)

[30] GB (0623738.2) 2006-11-29

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[13] C

[51] **Int.Cl. A47F 1/10 (2006.01)**

[25] EN

[54] **CUTLERY DISPENSER AND METHOD OF DISPENSING CUTLERY**

[54] **DISTRIBUTEUR DE COUVERTS, ET PROCEDE POUR DISTRIBUER DES COUVERTS**

[72] SMITH, PATRICK J., US

[73] DIXIE CONSUMER PRODUCTS LLC, US

[85] 2009-04-30

[86] 2007-11-07 (PCT/US2007/083922)

[87] (WO2008/058187)

[30] US (60/864,636) 2006-11-07

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[13] C

[51] **Int.Cl. C07D 407/04 (2006.01) C07D 311/22 (2006.01) C07D 311/58 (2006.01) C07D 407/12 (2006.01)**

[25] EN

[54] **PROCESS FOR PREPARING NEBIVOLOL**

[54] **PROCEDE DE FABRICATION DU NEBIVOLOL**

[72] ULLUCCI, ELIO, IT

[72] MARAGNI, PAOLO, IT

[72] COTARCA, LIVIUS, IT

[72] FOLETTO, JOHNNY, IT

[73] ZACH SYSTEM S.P.A., IT

[85] 2009-05-04

[86] 2007-11-23 (PCT/EP2007/010184)

[87] (WO2008/064826)

[30] EP (06124838.1) 2006-11-27

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[13] C

[51] **Int.Cl. C09C 1/30 (2006.01) C09D 7/12 (2006.01) C09D 17/00 (2006.01)**

[25] EN

[54] **PIGMENT DISPERSION**

[54] **DISPERSION DE PIGMENT**

[72] GREENWOOD, PETER, SE

[72] LAGNEMO, HANS, SE

[73] AKZO NOBEL N.V., NL

[85] 2009-05-05

[86] 2007-10-17 (PCT/SE2007/050748)

[87] (WO2008/057029)

[30] EP (06123767.3) 2006-11-09

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[13] C

[51] **Int.Cl. A61F 13/06 (2006.01) A61F 13/08 (2006.01) A61H 23/04 (2006.01)**

[25] EN

[54] **COMPRESSION SYSTEM**

[54] **SYSTEME DE COMPRESSION**

[72] GOUGH, NIGEL, GB

[73] HUNTLEIGH TECHNOLOGY LIMITED, GB

[85] 2009-05-08

[86] 2007-11-06 (PCT/GB2007/004168)

[87] (WO2008/056108)

[30] GB (0622415.8) 2006-11-10

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[13] C  
[51] **Int.Cl. C14C 1/00 (2006.01) C14C 1/06 (2006.01) C14C 1/08 (2006.01)**  
[25] EN  
[54] **METHOD OF PRESERVING HIDES AND SKINS**  
[54] **METHODE DE CONSERVATION DES CUIRS ET PEAUX**  
[72] HOLICZA, PETER J., CA  
[73] LEATHERTEQ LIMITED, VG  
[85] 2009-06-10  
[86] 2008-04-17 (PCT/CA2008/000729)  
[87] (WO2009/105859)  
[30] US (61/032,847) 2008-02-29

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[11] **2,669,262**  
[13] C  
[51] **Int.Cl. B01D 19/00 (2006.01) B01F 3/04 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING UNIFORMITY OF VAPOUR AND LIQUID PHASES IN A MIXED STREAM**  
[54] **PROCEDE ET APPAREIL CONSISTANT A FOURNIR L'UNIFORMITE DES PHASES VAPEUR ET LIQUIDE DANS UN COURANT MELANGE**  
[72] PEK, JOHAN JAN BAREND, NL  
[73] SHELL CANADA LIMITED, CA  
[85] 2009-05-12  
[86] 2007-11-20 (PCT/EP2007/062547)  
[87] (WO2008/061972)  
[30] EP (06124548.6) 2006-11-22

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[13] C  
[51] **Int.Cl. C10M 129/38 (2006.01) C10M 159/18 (2006.01) C10M 161/00 (2006.01) C10M 165/00 (2006.01)**  
[25] EN  
[54] **IMPROVEMENT IN QUALITY CONTROL OF A FUNCTIONAL FLUID**  
[54] **AMELIORATION EN TERMES DE CONTROLE DE QUALITE D'UN FLUIDE FONCTIONNEL**  
[72] KINKER, BERNARD, US  
[72] WANG, JEN-LUNG, US  
[72] SOUCHIK, JOAN, US  
[73] EVONIK ROHMAX ADDITIVES GMBH, DE  
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[54] **DESIGNED DEGRADABLE CAGE COATED WITH MINERAL LAYERS FOR SPINAL INTERBODY FUSION**  
[54] **CAGE DEGRADABLE CONCUE REVETUE DE COUCHES MINERALES POUR FUSION INTERSOMATIQUE LOMBAIRE**  
[72] LIN, CHIA-YING, US  
[72] LAMARCA, FRANK, US  
[72] MURPHY, WILLIAM L., US  
[72] HOLLISTER, SCOTT J., US  
[73] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US  
[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US  
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[25] EN  
[54] **NOVEL BACILLUS THURINGIENSIS CRYSTAL POLYPEPTIDES, POLYNUCLEOTIDES, AND COMPOSITIONS THEREOF**  
[54] **NOUVEAUX POLYPEPTIDES CRISTAL DE BACILLUS THURINGIENSIS, POLYNUCLEOTIDES CODANT POUR CES POLYPEPTIDES ET LEURS COMPOSITIONS**  
[72] CERF, DAVID,, US  
[72] CONG, RUTH,, US  
[72] FREEMAN, MICHAEL,, US  
[72] MCBRIDE, KEVIN,, US  
[72] YAMAMOTO, TAKASHI,, US  
[73] PIONEER HI-BRED INTERNATIONAL, INC., US  
[85] 2009-06-03  
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[25] EN  
[54] **METHODS AND SYSTEMS FOR FABRICATING FIRE RETARDANT MATERIALS**  
[54] **PROCEDES ET SYSTEMES SERVANT A FABRIQUER DES MATIERES IGNIFUGES**  
[72] BOOTH, RICHARD B., US  
[72] THORNTON, BRUCE C., US  
[72] VANELLI, DONALD L., US  
[72] GARDINER, MARTHA L., US  
[73] THE BOEING COMPANY, US  
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[25] EN  
[54] **PESTICIDAL COMPOSITION COMPRISING FENAMIDONE AND AN INSECTICIDE COMPOUND**  
[54] **COMPOSITION PESTICIDE CONTENANT DE LA FENAMIDONE ET UN COMPOSE INSECTICIDE**  
[72] HUNGENBERG, HEIKE, DE  
[72] THIELERT, WOLFGANG, DE  
[72] VAN DEN EYNDE, KOEN, BE  
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE  
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[54] **FREE-FLOWING FILLER COMPOSITION AND RUBBER COMPOSITION CONTAINING SAME**

[54] **COMPOSITION DE REMPLISSAGE FLUIDE ET COMPOSITION DE CAOUTCHOUC CONTENANT CELLE-CI**

[72] CRUSE, RICHARD W., US  
[72] YORK, W. MICHAEL, US  
[72] POHL, ERIC R., US  
[72] JOSHI, PRASHANT, US  
[73] MOMENTIVE PERFORMANCE MATERIALS INC., US  
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[54] **A HEATING DEVICE INCLUDING CATALYTIC BURNING OF LIQUID FUEL**

[54] **DISPOSITIF DE CHAUFFAGE COMPRENANT UNE COMBUSTION CATALYTIQUE DE COMBUSTIBLE LIQUIDE**

[72] VESTIN, ANDERS, SE  
[73] ZEMISSION AB, SE  
[85] 2009-07-03  
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[54] **METHOD OF PRODUCING A POLYMER MATRIX HAVING A BONE GROWTH FACTOR INCORPORATED THEREIN**

[54] **PROCEDE DE PRODUCTION D'UNE MATRICE POLYMERE A LAQUELLE EST INTEGRE UN FACTEUR DE CROISSANCE OSSEUSE**

[72] JENNISSIN, HERBERT, DE  
[72] CHATZINIKOLAIDOU, MARIA, GR  
[73] JENNISSIN, HERBERT, DE  
[85] 2009-06-22  
[86] 2007-12-19 (PCT/EP2007/064263)  
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[54] **USE OF D-RIBOSE TO TREAT CARDIAC ARRHYTHMIAS**

[54] **UTILISATION DE D-RIBOSE DANS LE TRAITEMENT DES ARYTHMIES CARDIAQUES**

[72] HERRICK, JAMES D., US  
[73] BIOENERGY, INC., US  
[85] 2009-07-07  
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[54] **ACCOMMODATING INTRAOCULAR LENS SYSTEM HAVING SPHERICAL ABERRATION COMPENSATION AND METHOD**

[54] **SYSTEME DE LENTILLE INTRAOCULAIRE D'ACCOMMODATION DE COMPENSATION D'ABERRATION SPHERIQUE ET PROCEDE**

[72] SMITH, DAVID JOHN, US  
[72] SMILEY, TERAH WHITING, US  
[72] SCHOLL, JOHN A., US  
[72] BURNS, DENISE HERRILLEN, US  
[72] ESCH, VICTOR, US  
[73] POWERVISION, INC., US  
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[54] **METHODS FOR PRODUCING CARBOXYLIC ACID STABILIZED SILVER NANOPARTICLES**

[54] **METHODES DE PRODUCTION DE NANOPARTICULES D'ARGENT STABILISEES AVEC UN ACIDE CARBOXYLIQUE**

[72] LI, YUNING, SG  
[73] XEROX CORPORATION, US  
[86] (2675187)  
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[54] **CAPTEUR TACTILE CAPACITIF AMELIORE**  
[72] BURKE, DAVID M., US  
[72] PANDINI, FABIO, IT  
[73] DELTA FAUCET COMPANY, US  
[85] 2009-07-13  
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[25] EN  
[54] **FACTOR H POLYMORPHISMS IN THE DIAGNOSIS AND THERAPY OF INFLAMMATORY DISEASES SUCH AS AGE-RELATED MACULAR DEGENERATION**  
[54] **POLYMORPHISMES DU FACTEUR H DANS LE DIAGNOSTIC ET LA THERAPIE DE MALADIES INFLAMMATOIRES TELLES QUE LA DEGENERESCENCE MACULAIRE LIEE A L'AGE**  
[72] MORGAN, BRYAN PAUL, GB  
[72] HARRIS, CLAIRE LOUISE, GB  
[72] HAKOBYAN, SVETLANA, GB  
[73] UNIVERSITY COLLEGE CARDIFF CONSULTANTS LIMITED, GB  
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[54] **SYSTEME DE FILTRATION POUR TURBINES A GAZ**  
[72] HINER, STEPHEN DAVID, GB  
[72] CHILLAR, RAHUL JAIKARAN, US  
[72] KIPPEL, BRADLY AARON, US  
[72] AMMANN, LISA KAMDAR, US  
[72] CLEMENTS, JACK THOMAS, US  
[72] WALTERS, MARCUS CARR, GB  
[72] CLOAREC, SEBASTIEN, FR  
[72] MALIVERNAY, MARC, FR  
[72] GANDIA, LIBERTO, FR  
[73] BHA ALTAIR, LLC, US  
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[87] (2675908)  
[22] 2009-08-20  
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[54] **DEVICE FOR TRANSMITTING FORCE, AND CONVEYING SYSTEM**  
[54] **DISPOSITIF DE TRANSMISSION D'ENERGIE ET SYSTEME CONVOYEUR**  
[72] REIST, WALTER, CH  
[73] WRH WALTER REIST HOLDING AG, CH  
[85] 2009-07-23  
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[25] EN  
[54] **MOBILE COMMUNICATION SYSTEM, BASE STATION APPARATUS, AND MOBILE STATION APPARATUS REGARDING AN ALLOCATION OF TRANSMISSION RESOURCE**  
[54] **SYSTEME DE COMMUNICATION MOBILE, DISPOSITIF DE STATION DE BASE ET DISPOSITIF DE STATION MOBILE**  
[72] UEMURA, KATSUNARI, JP  
[72] OH, WAHO, JP  
[72] KATO, YASUYUKI, JP  
[72] YAMADA, SHOHEI, JP  
[73] SHARP KABUSHIKI KAISHA, JP  
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[25] EN  
[54] **COMPRESSED AIR SUPPLY SYSTEM AND METHOD FOR OPERATING A COMPRESSED AIR SUPPLY SYSTEM**  
[54] **SYSTEME DE FOURNITURE D'AIR COMPRI ME ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN TEL SYSTEME**  
[72] HILBERER, EDUARD, DE  
[73] KNORR-BREMSE SYSTEME FUER NUTZFAHRZEUGE GMBH, DE  
[85] 2009-08-05  
[86] 2008-02-07 (PCT/EP2008/000936)  
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[54] **SCRAPER SYSTEMS AND METHODS**  
[54] **SYSTEMES ET PROCEDES DE GRATTOIR**  
[72] HOFFMANN, WILFRED J. (DECEASED), US  
[73] HOMAX PRODUCTS, INC., US  
[85] 2009-08-05  
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[54] **ULTRASONIC SURFACE MONITORING**  
[54] **CONTROLE DE SURFACE PAR ULTRASONS**  
[72] VOLKER, ARNO WILLEM FREDERIK, NL  
[72] BASTEN, THOMAS GEERTRUIDA HENRICUS, NL  
[73] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL  
[85] 2009-08-11  
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[25] EN  
[54] **APPARATUS FOR DEPICTING TEST OBJECTS USING ELECTROMAGNETIC WAVES, PARTICULARLY FOR CHECKING PEOPLE FOR SUSPICIOUS ARTICLES**  
[54] **DISPOSITIF POUR OBTENIR L'IMAGE D'OBJETS A CONTROLER AU MOYEN D'ONDES ELECTROMAGNETIQUES, EN PARTICULIER POUR VERIFIER SI DES PERSONNES SONT EN POSSESSION D'OBJETS SUSPECTS**  
[72] BARTSCHER, BERND, DE  
[72] FLEHMIG, UWE, DE  
[72] JECK, MICHAEL, DE  
[73] SMITHS HEIMANN GMBH, DE  
[85] 2009-08-12  
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[30] DE (10 2007 008 871.1) 2007-02-21

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[54] **COATED MEDICAL IMPLANTS AND LENSES**  
[54] **LENTILLES ET IMPLANTS MEDICAUX REVETUS**  
[72] JINKERSON, DAVID L., US  
[72] KARAKELLE, MUTLU, US  
[73] ALCON, INC., CH  
[85] 2009-08-13  
[86] 2008-02-27 (PCT/US2008/055059)  
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[25] EN  
[54] **NOVEL ANTAGONISTS OF THE GLUCAGON RECEPTOR**  
[54] **NOUVEAUX ANTAGONISTES DU RECEPTEUR AU GLUCAGON**  
[72] GOMEZ-GALENO, JORGE E., US  
[72] REDDY, K., RAJA, US  
[72] VAN POELJE, PAUL D., US  
[72] LEMUS, ROBERT HUERTA, US  
[72] NGUYEN, THANH HUU, US  
[72] GROTE, MATTHEW P., US  
[72] DANG, QUN, US  
[72] HECKER, SCOTT J., US  
[72] REDDY, MALI VENKAT, US  
[72] CHEN, MINGWEI, US  
[72] SUN, ZHILI, US  
[72] BOYER, SERGE HENRI, US  
[72] LI, HAIQING, US  
[72] CRAIGO, WILLIAM, US  
[73] METABASIS THERAPEUTICS, INC., US  
[85] 2009-08-07  
[86] 2008-02-11 (PCT/US2008/053581)  
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[25] EN  
[54] **UNDERSEA PIPE-LAYING**  
[54] **POSE DE CONDUITES SOUS-MARINES**  
[72] BIANCHI, STEFANO, IT  
[73] SAIPEM S.P.A., IT  
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[86] 2008-03-06 (PCT/EP2008/001789)  
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[54] **TOMATO JUICE-CONTAINING ALCOHOLIC DRINK AND METHOD OF THE PRODUCTION THEREOF**  
[54] **BOISSON ALCOOLISEE CONTENANT DU JUS DE TOMATE ET SON PROCEDE DE FABRICATION**  
[72] HATANAKA, TATSUYA, JP  
[72] NAKAMURA, SHIGEYUKI, JP  
[72] ISHIGAKI, KENICHI, JP  
[72] MATSUMOTO, TAKEHIRO, JP  
[73] SUNTORY HOLDINGS LIMITED, JP  
[85] 2009-09-03  
[86] 2008-03-04 (PCT/JP2008/053800)  
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[25] EN  
[54] **DROPLET-BASED BIOCHEMISTRY**  
[54] **BIOCHIMIE FONDEE SUR LES GOUTTELETTES**  
[72] POLLACK, MICHAEL G., US  
[72] PAMULA, VAMSEE K., US  
[72] SRINIVASAN, VIJAY, US  
[72] PAIK, PHILIP Y., US  
[72] ECKHARDT, ALLEN E., US  
[72] FAIR, RICHARD B., US  
[73] DUKE UNIVERSITY, US  
[73] ADVANCED LIQUID LOGIC, INC., US  
[85] 2009-09-03  
[86] 2006-12-11 (PCT/US2006/047486)  
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[30] US (60/745,058) 2006-04-18  
[30] US (60/745,039) 2006-04-18  
[30] US (60/745,073) 2006-04-18  
[30] US (60/745,059) 2006-04-18  
[30] US (60/745,950) 2006-04-28  
[30] US (60/745,914) 2006-04-28  
[30] US (60/746,801) 2006-05-09  
[30] US (60/746,797) 2006-05-09  
[30] US (60/806,412) 2006-06-30  
[30] US (60/807,104) 2006-07-12

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[13] C  
[51] **Int.Cl. B01D 27/08 (2006.01) B01D 27/10 (2006.01)**  
[25] EN  
[54] **LIQUID FILTER ASSEMBLY**  
[54] **ENSEMBLE DE FILTRE A LIQUIDE**  
[72] ASSION, NORBERT M., US  
[73] ASSION, NORBERT M., US  
[85] 2009-09-01  
[86] 2008-03-18 (PCT/US2008/003541)  
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[30] US (60/919,797) 2007-03-22

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[13] C  
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 31/52 (2006.01) A61P 1/00 (2006.01) A61P 5/10 (2006.01) A61P 5/24 (2006.01) A61P 13/08 (2006.01) A61P 15/00 (2006.01) A61P 15/08 (2006.01) A61P 15/16 (2006.01) A61P 15/18 (2006.01) A61P 17/00 (2006.01) A61P 17/02 (2006.01) A61P 17/10 (2006.01) A61P 17/14 (2006.01) A61P 25/20 (2006.01) A61P 25/28 (2006.01) A61P 35/00 (2006.01) A61P 37/08 (2006.01) A61P 43/00 (2006.01) C07D 473/00 (2006.01) C07D 473/26 (2006.01) C07D 473/28 (2006.01) C07D 473/30 (2006.01) C07D 473/32 (2006.01)**  
[25] EN  
[54] **NITROGENATED FUSED RING DERIVATIVE, PHARMACEUTICAL COMPOSITION COMPRISING THE SAME, AND USE OF THE SAME FOR MEDICAL PURPOSES**  
[54] **DERIVE A CYCLE FUSIONNE AZOTE, COMPOSITION PHARMACEUTIQUE LE COMPRENANT, ET SON UTILISATION POUR DES USAGES MEDICAUX**  
[72] YONEKUBO, SHIGERU, JP  
[72] MIYAGI, TAKASHI, JP  
[72] OHNO, KOHSUKE, JP  
[72] KAMBARA, MIKIE, JP  
[72] FUSHIMI, NOBUHIKO, JP  
[73] KISSEI PHARMACEUTICAL CO., LTD., JP  
[85] 2009-09-14  
[86] 2008-04-16 (PCT/JP2008/057390)  
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[30] JP (2007-108926) 2007-04-18

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[54] **PROCEDES D'AMPLIFICATION MULTIPLEXE RAPIDE D'ACIDES NUCLEIQUES CIBLES**  
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[72] TAN, EUGENE, US  
[72] LAM, HEUNG C., US  
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[54] **FILIGRANAGE DE DONNEES DE MEDIA**  
[72] VESTERGAARD, STEVEN ERIK, CA  
[72] TSUI, CHE-WAI, CA  
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[54] **SYSTEME D'ECHAPPEMENT POUR TURBINE A GAZ**  
[72] CONETE, ERIC, FR  
[72] BAROUMES, LAURENT, FR  
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[54] **SYSTEMS AND METHODS TO FACILITATE SEARCHES VIA SOCIAL NETWORK**  
[54] **SYSTEMES ET PROCEDES POUR FACILITER DES RECHERCHES PAR L'INTERMEDIAIRE D'UN RESEAU SOCIAL**  
[72] ALTBERG, EBBE, US  
[72] FABER, SCOTT, US  
[72] HIRSON, RON, US  
[72] VAN DER LINDEN, SEAN, US  
[73] YELLOWPAGES.COM LLC, US  
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[54] **STERILIZATION SYSTEM FOR PET CONTAINERS AND BOTTLES**  
[54] **SYSTEME DE STERILISATION POUR RECIPIENTS ET BOUTELLES EN PET**  
[72] CIRRI, GIANFRANCO, IT  
[72] PRUDENZIATI, MARIA, IT  
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[54] **SECURE IMAGING TONER AND METHODS OF FORMING AND USING THE SAME**  
[54] **TONER D'IMPRESSION SECURISE ET PROCEDES DE PRODUCTION ET UTILISATIONS**  
[72] RILEY, MICHAEL R., US  
[72] HEILMAN, KEVIN L., US  
[72] GILSON, CARRIE A., US  
[72] BARNUM, LINDA M., US  
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[54] **ONE-PIECE BLADED DRUM OF AN AXIAL TURBOMACHINE COMPRESSOR**  
[54] **TAMBOUR A AUBAGE MONOBLOC DE COMPRESSEUR AXIAL DE TURBOMACHINE**  
[72] CORTEQUISSE, JEAN-FRANCOIS, BE  
[72] LHOEST, ANDRE, BE  
[73] TECHSPACE AERO S.A., BE  
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[54] **DISPOSITIF ET PROCEDE DE COMMANDE DE CONFIGURATION D'ECRAN POUR DES CONTENUS TELEDIFFUSES CAPTES PAR UN RECEPTEUR DE TELE NUMERIQUE**

[72] AHN, TAE-MIN, KR  
[72] CHO, HOON, KR  
[72] LEE, YOU-JIN, KR  
[73] ALTICAST CORP., KR  
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[72] GRANT, RAYMOND ALAN, US  
[72] O'MAHONY, LIAM, IE  
[72] SHEIL, BARBARA, IE  
[73] ALIMENTARY HEALTH LIMITED, IE  
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[54] **PROCEDE DE PRODUCTION D'HUILES LOURDES**

[72] LATIMER, EDWARD G., US  
[73] CONOCOPHILLIPS COMPANY, US  
[86] (2686749)  
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[54] **CAPOT PROTECTEUR POUR MIXEUR**

[72] POLLOCK, DAVID, CA  
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[85] 2009-11-09  
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[54] **LOADING/UNLOADING SYSTEM SERVING A SHEET CUTTING CENTRE, FEEDING TRAY THEREFOR AND RELATIVE HANDLING METHOD**

[54] **SYSTEME DE CHARGEMENT/DECHARGEMENT POUR CENTRE DE DECOUPE DE FEUILLES, PLATEAU D'ACHEMINEMENT ET PROCEDE DE MANUTENTION ASSOCIES**

[72] MOSSI, JAMES, IT  
[73] ASTES4 SA, CH  
[85] 2009-11-10  
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[54] **DETECTEUR D'AGENTS CHIMIQUES, BIOLOGIQUES, RADIOLOGIQUES ET EXPLOSIFS DOTE D'UNE CARTE A PUCE**

[72] RAVENIS, JOSEPH VJ, US  
[72] DEKOZAN, RAYMOND, US  
[72] BONNEAU, WALTER C., JR., US  
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[54] **DISPOSITIF EXTERNE DE NETTOYAGE D'UN MATERIAU DE FILTRATION LEQUEL EST ADAPTE POUR UNE APPLICATION AU DISPOSITIF DE FILTRATION**

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[72] TRAMONTINA, PAUL FRANCIS, US  
[72] CLARK, GERALD L., US  
[73] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2009-11-20  
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[54] **PATCH PACKAGE STRUCTURE**  
[54] **STRUCTURE DE TIMBRE TRANSDERMIQUE**  
[72] OKADA, KATSUHIRO, JP  
[72] IWAO, YOSHIHIRO, JP  
[72] MATSUOKA, KENSUKE, JP  
[73] NITTO DENKO CORPORATION, JP  
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[54] **METHODE DE PREPARATION D'ASSEMBLAGE FINAL DE TAMPONS ET PAQUET DE TAMPONS**  
[72] FABER, ERNST, AT  
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[54] **METHOD OF REMOVING AROMATIC HYDROCARBONS BY ABSORPTION FROM COKE-OVEN GAS**  
[54] **PROCEDE D'EXTRACTION D'HYDROCARBURES AROMATIQUES DE GAZ DE COKERIE PAR ABSORPTION**  
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[54] **ADHESIVE SILICONE RUBBER COMPOSITION AND SEPARATOR SEAL MATERIAL FOR FUEL CELLS**  
[54] **COMPOSITION ADHESIVE DE CAOUTCHOUC SILICONE ET MATERIAU D'ETANCHEITE DE SEPARATEUR POUR PILES A COMBUSTIBLE**  
[72] KATO, CHISATO, JP  
[72] IIZUKA, KAZUTAKA, JP  
[72] HAYASHIDA, OSAMU, JP  
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[54] **PLAQUETTE CE COUPE NEGATIVE A DOUBLE SURFACE LIBRE POSITIVE**  
[72] ZITZLAFF, WOLFGANG, DE  
[72] BEN AMOR, RAOUF, DE  
[72] BLAZEWSKI, ZVONKO, DE  
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[25] EN  
[54] **HIGH STRENGTH HOT ROLLED THICK STEEL SHEET EXCELLENT IN STRENGTH AND TOUGHNESS AFTER HEAT TREATMENT AND METHOD FOR MANUFACTURING THE SAME**  
[54] **FEUILLE D'ACIER EPAISSE LAMINEE A CHAUD DE FORTE RESISTANCE PRESENTANT UNE EXCELLENTE RESISTANCE ET TENACITE APRES TRAITEMENT THERMIQUE, ET PROCEDE DE FABRICATION CONNEXE**  
[72] SETO, KAZUHIRO, JP  
[72] NAKAMURA, NOBUYUKI, JP  
[72] KOBAYASHI, AKIO, JP  
[73] JFE STEEL CORPORATION, JP  
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[54] **SAC DE TRANSPORT**  
[72] PIDGEON, ANDREW, GB  
[72] MANN, RICHARD, GB  
[73] SMITH & NEPHEW PLC, GB  
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[25] EN  
[54] **FUSED THIAZOLE DERIVATIVES AS KINASE INHIBITORS**  
[54] **DERIVES DE THIAZOLE FUSIONNE COMME INHIBITEURS DE KINASE**  
[72] ALEXANDER, RIKKI PETER, GB  
[72] AUJLA, PAVANDEEP SINGH, GB  
[72] CREPY, KAREN VIVIANE LUCILE, GB  
[72] FOLEY, ANNE MARIE, GB  
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[73] UCB PHARMA S.A., BE  
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[54] **PROCEDE DE PRODUCTION DE METHACRYLATE D'ALLYLE**  
[72] SCHMITT, BARDO, DE  
[72] PROTZMANN, GUIDO, DE  
[72] SCHUETZ, THORBEN, DE  
[72] TRAUTHWEIN, HARALD, DE  
[72] MARTIN, REINHOLD, DE  
[72] KNEBEL, JOACHIM, DE  
[72] SANDER, INGO, DE  
[72] GOTTMANN, KLAUS, DE  
[72] KEHR, THOMAS, DE  
[72] BATHEN, DIETER, DE  
[72] MAUL, CHRISTIAN, DE  
[73] EVONIK ROEHM GMBH, DE  
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[54] **PRELOADING BRACE FOR GAS TURBINE ENGINE TRANSPORTATION**  
[54] **ENTRETOISE DE PRECHARGEMENT POUR LE TRANSPORT D'UN MOTEUR A TURBINE A GAZ**  
[72] URAC, TIBOR, CA  
[72] ISABEL, YVES, CA  
[72] BEAUVAIS, GILLES, CA  
[72] GIROUX, SYLVAIN, CA  
[73] PRATT & WHITNEY CANADA CORP., CA  
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[54] **STABILIZED TOLTERODINE TARTRATE FORMULATIONS**  
[54] **FORMULATIONS DE TARTRATE DE TOLTERODINE STABILISEES**  
[72] ROSSI, DAVID T., US  
[72] LI, BOYONG, US  
[72] MCCALL, JAMES PAUL, US  
[73] MYLAN PHARMACEUTICALS, INC., US  
[85] 2010-01-15  
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[25] EN  
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[54] **EMBALLAGE A DOUBLE ACTIVATION POUR CARTE LISIBLE**  
[72] SMITH, DENNIS ROY, US  
[73] BLACKHAWK NETWORK, INC., US  
[85] 2010-01-18  
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[54] **SYSTEM AND PROCESS FOR PRODUCTION OF POLYVINYL CHLORIDE**  
[54] **SYSTEME ET PROCEDE DE PRODUCTION DE POLYCHLORURE DE VINYLE**  
[72] HASSAN, ABBAS, US  
[72] BAGHERZADEH, EBRAHIM, US  
[72] ANTHONY, RAYFORD G., US  
[72] BORSINGER, GREGORY, US  
[72] HASSAN, AZIZ, US  
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[25] EN  
[54] **A METHOD OF FABRICATING STRUCTURED PARTICLES COMPOSED OF SILICON OR A SILICON-BASED MATERIAL AND THEIR USE IN LITHIUM RECHARGEABLE BATTERIES**  
[54] **PROCEDE DE FABRICATION DE PARTICULES STRUCTUREES COMPOSEES DE SILICIUM OU D'UN MATERIAU A BASE DE SILICIUM ET LEUR UTILISATION DANS DES BATTERIES AU LITHIUM RECHARGEABLES**  
[72] GREEN, MINO, GB  
[72] LIU, FENG-MING, GB  
[73] NEXEON LIMITED, GB  
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[54] **PACKAGING WITH IML BARRIER FILM IN COMBINATION WITH AN OXYGEN SCAVENGER**  
[54] **EMBALLAGE AVEC FILM PROTECTEUR IML EN COMBINAISON AVEC UN PRODUIT D'ABSORPTION D'OXYGENE**  
[72] NIELSEN, BENNY ELO, DK  
[73] SUPERFOS A/S, DK  
[85] 2010-01-11  
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[54] **ELECTRICAL CONNECTOR ASSEMBLIES AND METHODS FOR FORMING AND USING THE SAME**  
[54] **ENSEMBLES CONNECTEURS ELECTRIQUES ET PROCEDES DE FORMATION ET D'UTILISATION DE CES DERNIERS**  
[72] BUKOVNIK, RUDOLF ROBERT, US  
[72] PULLIUM, III, GEORGE W., US  
[73] TYCO ELECTRONICS CORPORATION, US  
[85] 2010-01-13  
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[54] **SYSTEM AND METHOD FOR LINKING AD TAGGED WORDS**  
[54] **SYSTEME ET METHODE DE LIAISON DE MOTS AFFECTES A DES MESSAGES PUBLICITAIRES**  
[72] SCOTT, SHERRYL LEE LORRAINE, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2694563)  
[87] (2694563)  
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[25] EN  
[54] **NOVEL IMMUNOTHERAPY AGAINST NEURONAL AND BRAIN TUMORS**  
[54] **NOUVELLE IMMUNOTHERAPIE CONTRE LES TUMEURS NEURONALES ET DU CERVEAU**  
[72] SCHOOR, OLIVER, DE  
[72] HILF, NORBERT, DE  
[72] WEINSCHENK, TONI, DE  
[72] TRAUTWEIN, CLAUDIA, DE  
[72] WALTER, STEFFEN, DE  
[72] SINGH, HARPREET, DE  
[73] IMMATIC BIOTECHNOLOGIES GMBH, DE  
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[54] **CONSTRUCTION AMELIOREE D'UN SUPPORT D'ORIFICE**  
[72] FROST, TIMOTHY, US  
[72] LEESEBERG, TONY BYRON, US  
[73] BURNER SYSTEMS INTERNATIONAL, INC., US  
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[25] EN  
[54] **AN ARRANGEMENT FOR INTERCONNECTING ELECTROCHEMICAL CELLS, A FUEL CELL ASSEMBLY AND METHOD OF MANUFACTURING A FUEL CELL DEVICE**  
[54] **AGENCEMENT PERMETTANT DE RELIER MUTUELLEMENT DES PILES ELECTROCHIMIQUES, ENSEMBLE PILE ELECTROCHIMIQUE ET PROCEDE DE PRODUCTION D'UN DISPOSITIF DE PILE ELECTROCHIMIQUE**  
[72] LUNDBLAD, ANDERS, SE  
[72] EKSTROEM, HENRIK, SE  
[72] JONSSON, ERIC, SE  
[73] MYFC AB, SE  
[85] 2010-01-29  
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[54] **ENSEMBLE DE PILES A COMBUSTIBLE AVEC UN CAPTEUR DE RETROACTION**  
[72] LUNDBLAD, ANDERS, SE  
[72] EKSTROEM, HENRIK, SE  
[72] JONSSON, ERIC, SE  
[73] MYFC AB, SE  
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[54] **DISPOSITIF DE VERROUILLAGE**  
[72] SOULIER, PASCAL-MARIE PAUL MARCEL, FR  
[72] DE SORBAY, AURELIE, FR  
[73] AIRCELLE, FR  
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[54] **ANTIOXIDANT BLENDS SUITABLE FOR USE IN BIODIESELS**  
[54] **MELANGES ANTIOXYDANTS APTES A ETRE UTILISES DANS DES BIODIESELS**  
[72] SCHNELLER, EMILY R., US  
[72] MOEHLE, WILLAM E., US  
[72] ZHAO, GANGKAI, CN  
[73] ALBEMARLE CORPORATION, US  
[85] 2010-02-18  
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[54] **USE OF PHOSPHORIC ACID FOR REDUCING THE AMOUNT OF FREE DISPERSANT IN A METHOD FOR CONCENTRATING CALCIUM CARBONATE IN WATER**  
[54] **UTILISATION D'ACIDE PHOSPHORIQUE POUR REDUIRE LA QUANTITE DE DISPERSANT LIBRE, DANS UN PROCEDE DE CONCENTRATION DE CARBONATE DE CALCIUM DANS L'EAU**  
[72] JACQUEMET, CHRISTIAN, FR  
[72] MONGOIN, JACQUES, FR  
[73] COATEX S.A.S., FR  
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[86] 2008-07-28 (PCT/IB2008/002040)  
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[54] **OPTICAL FIBER STRUCTURE, SYSTEM FOR FABRICATING THE SAME, AND BLOCK-LIKE CHIP FOR USE THEREIN**  
[54] **STRUCTURE DE FIBRE OPTIQUE, PROCEDE DE FABRICATION ASSOCIE ET PUCE DE TYPE BLOC ASSOCIEE**  
[72] MURAYAMA, MANABU, JP  
[72] YAMASAKI, MOTOHIKO, JP  
[72] SATAKE, TAKESHI, JP  
[72] MIURA, MASAHIRO, JP  
[73] MITSUBISHI CABLE INDUSTRIES, LTD., JP  
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[54] **PLASTIC WIRE CLIPPER/STUFFER**  
[54] **EXTRUDEUSE HYDRAULIQUE/AGRAFEUSE POUR CABLE EN MATIERE PLASTIQUE**  
[72] HASCHKE, EGGO, US  
[73] POLY-CLIP SYSTEM CORP., US  
[85] 2010-03-24  
[86] 2008-09-19 (PCT/US2008/077009)  
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[72] AGOSTINETTO, RITA, IT  
[72] SAMARITANI, FABRIZIO, IT  
[72] DEL RIO, ALESSANDRA, IT  
[72] RICHARD, JOEL, FR  
[73] MERCK SERONO S.A., CH  
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[25] EN  
[54] **METHOD AND APPARATUS FOR SIMULATING AIRCRAFT DATA PROCESSING SYSTEMS**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE SIMULER DES SYSTEMES DE TRAITEMENT DE DONNEES D'AERONEFS**  
[72] ANGUS, IAN GARETH, US  
[72] DAVIS, TERRY LEE, US  
[72] MITCHELL, TIMOTHY M., US  
[72] MOMII, LEIGH WONG, US  
[72] SKAHAN, VINCENT D., JR., US  
[73] THE BOEING COMPANY, US  
[85] 2010-04-13  
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[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF COATED MOULDINGS**  
[54] **PROCEDE DE FABRICATION DE CORPS MOULES REVETUS**  
[72] SCHMIDT, ARNE, DE  
[72] EBERLE, CHRISTIAN, DE  
[72] POTTH, MARC, DE  
[72] ALBRECHT, KLAUS, DE  
[72] BURKLE, ERWIN, DE  
[72] EICHLSEDER, MARTIN, DE  
[73] EVONIK ROEHM GMBH, DE  
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[54] **ANTI-MICROBIAL COMPOSITION**  
[54] **COMPOSITION ANTI-MICROBIENNE**  
[72] FOUND, JOHN, AU  
[73] WILD CHILD, AU  
[85] 2010-04-22  
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[25] EN  
[54] **PASSIVE GREASE TRAP WITH PRE-STAGE FOR SOLIDS SEPARATION**  
[54] **SEPARATEUR DE GRAISSE PASSIF AVEC PRE-ETAGE POUR UNE SEPARATION DE MATIERES SOLIDES**  
[72] BATTEN, WILLIAM C., US  
[72] KYLES, BRUCE W., US  
[73] THERMACO, INC., US  
[85] 2010-04-22  
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[54] **METHOD FOR PRODUCING A THICKENER DISPERSION**

[54] **PROCEDE DE FABRICATION D'UNE DISPERSION D'EPAISSISSANT**

[72] LEYRER, REINHOLD J., DE

[72] SCHMIDT, KATI, DE

[73] BASF SE, DE

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[54] **MEDICAL PROCEDURES TRAINING MODEL**

[54] **MODELE D'ENTRAINEMENT POUR PROCEDURES MEDICALES**

[72] HUDSON, DARRIN ALLAN, CA

[73] HUDSON, DARRIN ALLAN, CA

[85] 2010-04-30

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[54] **BUFFER STATUS REPORTING APPARATUS, SYSTEM, AND METHOD**

[54] **APPAREIL, SYSTEME ET METHODE DE SIGNALISATION DU STATUT DE LA MEMOIRE TAMPON**

[72] SEBIRE, BENOIST, JP

[73] CELLULAR COMMUNICATIONS EQUIPMENT LLC, US

[85] 2010-05-03

[86] 2008-11-05 (PCT/EP2008/064990)

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[54] **ARRANGEMENT AND METHOD FOR PROVIDING A THREE DIMENSIONAL MAP REPRESENTATION OF AN AREA**

[54] **ARRANGEMENT ET PROCEDE SERVANT A FOURNIR UNE REPRESENTATION CARTOGRAPHIQUE TRIDIMENSIONNELLE D'UNE ZONE**

[72] LUNDBERG, KRISTIAN, SE

[72] ISAKSSON, FOLKE, SE

[73] SAAB AB, SE

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[54] **HETEROARYLOXY QUINAZOLINE DERIVATIVES**

[54] **DERIVE D'HETEROARYLOXY QUINAZOLINE**

[72] ASAI, MASANORI, JP

[72] IINO, TOMOHARU, JP

[72] SUGA, TAKUYA, JP

[72] OHNO, AKIO, JP

[72] OHTAKE, NORIKAZU, JP

[73] MSD K.K., JP

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[25] EN

[54] **A PERMANENT BYPASS WHIPSTOCK ASSEMBLY FOR DRILLING AND COMPLETING A SIDETRACK WELL AND PRESERVING ACCESS TO THE ORIGINAL WELLBORE**

[54] **SIFFLET DEVIATEUR PERMANENT POUR LE FORAGE ET LA COMPLETION D'UN PUITTS DEVIE, TOUT EN CONSERVANT L'ACCES AU PUITTS DE FORAGE ORIGINAL**

[72] HEARN, DAVID D., US

[72] GANTT, LAMAR L., US

[72] VENHAUS, DAN E., US

[72] ELLER, JOHN G., US

[73] CONOCOPHILLIPS COMPANY, US

[86] (2707136)

[87] (2707136)

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[54] **ACRYLIC EMULSION PRESSURE SENSITIVE ADHESIVE COMPOSITION**

[54] **COMPOSITION D'ADHESIF SENSIBLE A LA PRESSION EN EMULSION ACRYLIQUE**

[72] KING, KEITH D., US

[72] LEE, KANG I., US

[73] ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC, US

[85] 2010-06-04

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[54] **COMPOSITIONS FOR INDUCING IMMUNE RESPONSES**

[54] **COMPOSITIONS UTILISEES POUR INDUIRE DES REponses IMMUNITAIRES**

[72] MALYALA, PADMA, US  
[72] O'HAGAN, DEREK T., US  
[72] SINGH, MANMOHAN, US  
[73] NOVARTIS AG, CH  
[85] 2010-06-04  
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[54] **POUDRE NUTRITIONNELLE STABLE**

[72] BOFF, JEFFREY M., US  
[72] CLINGER, CHRISTINE L., US  
[72] BERGANA, MARTI, US  
[72] JOHNS, PAUL W., US  
[72] KATZ, GARY E., US  
[73] ABBOTT LABORATORIES, US  
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[54] **ELECTRIC ARTICLE COMPRISING AT LEAST ONE ELEMENT MADE FROM A SEMICONDUCTIVE POLYMERIC MATERIAL AND SEMICONDUCTIVE POLYMERIC COMPOSITION**

[54] **ARTICLE ELECTRIQUE RENFERMANT AU MOINS UN ELEMENT FABRIQUE A PARTIR D'UN MATERIAU POLYMERIQUE SEMI-CONDUCTEUR ET UNE COMPOSITION POLYMERIQUE SEMI-CONDUCTRICE**

[72] GALLETTI, FRANCO, IT  
[73] PRYSMIAN S.P.A., IT  
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[54] **CONTROLLING A GPS RECEIVER BY DETECTING MOTION BASED ON RADIOFREQUENCY SIGNAL TRACES**

[54] **COMMANDE DE RECEPTEUR GPS PAR DETECTION DE MOUVEMENT BASE SUR DES TRACES DE SIGNAUX RADIOFREQUENCES**

[72] KUEPFER, SANDRA MARCELA, CA  
[72] BROWN, MICHAEL STEPHEN, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2708386)  
[87] (2708386)  
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[54] **SYSTEM AND METHOD MODULATION SCHEME CHANGES**

[54] **SYSTEME ET PROCEDE POUR MODIFICATIONS D'UN SCHEMA DE MODULATION**

[72] CAI, ZHIJUN, US  
[72] SIMMONS, SEAN BARTHOLOMEW, CA  
[72] WOMACK, JAMES EARL, US  
[72] SUZUKI, TAKASHI, JP  
[73] BLACKBERRY LIMITED, CA  
[85] 2010-06-22  
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[25] EN

[54] **(20R)-23,23-DIFLUORO-2-METHYLENE-19-NOR-BISHOMOPREGNACALCIFEROL-VITAMIN D ANALOGS**

[54] **ANALOGUES DE LA VITAMINE D DE TYPE (20R)-23,23-DIFLUORO-2-METHYLENE-19-NOR-BISHOMOPREGNACALCIFEROL**

[72] DELUCA, HECTOR F., US  
[72] CLAGETT-DAME, MARGARET, US  
[72] PLUM, LORI A., US  
[72] BARYCKI, RAFAL, US  
[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US  
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[54] **IMPROVEMENTS IN ELECTRODE MATERIALS**  
[54] **AMELIORATIONS APORTEES AUX MATERIAUX D'ELECTRODE**  
[72] FRAY, DEREK JOHN, GB  
[72] DOUGHTY, GREGORY RUSSLAN, GB  
[73] GREEN METALS LIMITED, GB  
[85] 2010-07-15  
[86] 2008-07-15 (PCT/GB2008/002411)  
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[13] C

[51] **Int.Cl. A23L 1/00 (2006.01) A23L 1/10 (2006.01) A23L 1/20 (2006.01)**  
[25] EN  
[54] **PROCESS FOR PRODUCING A SPICY MIXTURE AND ALSO USE OF THE SPICY MIXTURE**  
[54] **PROCEDE DE PREPARATION D'UN MELANGE ASSAISONNE, ET UTILISATION DU MELANGE ASSAISONNE**  
[72] RAUTH-LEDERER, BARBARA, DE  
[73] GEBRUEDER NEEB GMBH & CO. KG, DE  
[85] 2010-07-23  
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[87] (WO2009/103262)  
[30] DE (10 2008 010 198.2) 2008-02-20

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[51] **Int.Cl. E21D 20/02 (2006.01) E21D 21/00 (2006.01)**  
[25] EN  
[54] **ANCHOR TUBE AND METHOD FOR PRODUCTION THEREOF**  
[54] **TUBE D'ANCRAGE ET SON PROCEDE DE PRODUCTION**  
[72] ISCHEBECK, ERNST FRIEDRICH, DE  
[72] COERSCHULTE, FERDINAND, DE  
[73] FRIEDR. ISCHEBECK GMBH, DE  
[85] 2010-07-26  
[86] 2009-01-08 (PCT/EP2009/050156)  
[87] (WO2009/092630)  
[30] DE (10 2008 006 235.9) 2008-01-25

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[13] C

[51] **Int.Cl. B01D 33/23 (2006.01) B01D 33/21 (2006.01)**  
[25] EN  
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[54] **ELEMENT FILTRANT POUR FILTRE A DISQUES**  
[72] LARSSON, HANS F, SE  
[72] GUSTAFSSON, KJELL, SE  
[73] NORDIC WATER PRODUCTS AB, SE  
[85] 2010-08-03  
[86] 2009-02-17 (PCT/SE2009/050165)  
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[51] **Int.Cl. A47J 37/06 (2006.01)**  
[25] FR  
[54] **APPLIANCE FOR COOKING A FOOD PRODUCT**  
[54] **APPAREIL DE CUISSON D'UN PRODUIT ALIMENTAIRE**  
[72] KERGOAT, SERGE, FR  
[73] KRAMPOUZ, FR  
[85] 2010-08-13  
[86] 2009-03-04 (PCT/EP2009/052537)  
[87] (WO2009/112405)  
[30] FR (0851385) 2008-03-04

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[51] **Int.Cl. C08G 61/12 (2006.01)**  
[25] EN  
[54] **PREPARATION METHOD OF POLYBENZOXAZOLES BY THERMAL REARRANGEMENT, POLYBENZOXAZOLES PREPARED THEREBY, AND GAS SEPARATION MEMBRANE COMPRISING THE SAME**  
[54] **PROCEDE DE PREPARATION DE POLYBENZOXAZOLES PAR REAGENCEMENT THERMIQUE, POLYBENZOXAZOLES PREPARES DE CETTE FACON ET MEMBRANE DE SEPARATION DE GAZ LES COMPORTANT**  
[72] LEE, YOUNG MOO, KR  
[72] KIM, KEUN-YOUNG, KR  
[72] JUNG, CHUL-HO, KR  
[72] PARK, HO-BUM, KR  
[73] INDUSTRY-UNIVERSITY COOPERATION FOUNDATION, HANYANG UNIVERSITY, KR  
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[25] EN  
[54] **CROSSLINKING OF REACTIVE POLYOLEFIN PREPOLYMERS USING A COREACTANT**  
[54] **RETICULATION DE PREPOLYMERES A BASE DE POLYOLEFINE REACTIVE AU MOYEN D'UN COREACTIF**  
[72] POTTER, DAVID K., CA  
[72] HAMEED, TAYYAB, CA  
[73] MCMMASTER UNIVERSITY, CA  
[85] 2010-09-17  
[86] 2009-03-18 (PCT/CA2009/000345)  
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[51] **Int.Cl. G01N 33/68 (2006.01) G01N 33/543 (2006.01) G01N 33/577 (2006.01)**

[25] EN

[54] **METHODS AND KITS FOR THE DIFFERENTIAL DIAGNOSIS OF ALZHEIMER'S DISEASE VERSUS FRONTOTEMPORAL DEMENTIA AND FOR THE DIAGNOSIS OF FRONTOTEMPORAL DEMENTIA COMPRISING FAS-L AND CK 18 AS BIOMARKERS**

[54] **PROCEDES ET NECESSAIRES POUR LE DIAGNOSTIC DIFFERENTIEL DE LA MALADIE D'ALZHEIMER COMPAREE A LA DEMENCE FRONTOTEMPORALE ET POUR LE DIAGNOSTIC DE LA DEMENCE FRONTOTEMPORALE, CES PROCEDES ET NECESSAIRES COMPRENANT FAS-L ET CKL 18 EN TANT QUE BIOMARQUEURS**

[72] NEUMAN, MANUELA G., CA

[73] NEUMAN, MANUELA G., CA

[85] 2010-09-20

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[87] (WO2009/114945)

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[25] EN

[54] **NEW USE OF SURFACTANT**

[54] **NOUVELLE UTILISATION D'AGENT TENSIO-ACTIF**

[72] MOHAMED, ABDEL-MOHSEN ONSY, AE

[72] EL GAMAL, MAISA MABROUK, AE

[73] UNITED ARAB EMIRATES UNIVERSITY, AE

[85] 2010-09-24

[86] 2009-04-21 (PCT/IB2009/005338)

[87] (WO2009/130584)

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[25] EN

[54] **APPARATUS AND METHOD FOR FORMING AN ANTIPOLLUTION DEVICE HOUSING**

[54] **APPAREIL ET PROCEDE DE FABRICATION D'UN BOITIER DE DISPOSITIF ANTIPOLLUTION**

[72] SOJAK, RICHARD, CA

[72] BAILEY, CLIFFORD, CA

[72] RAMANDT, JAMES, CA

[72] DEVINE, GUY, CA

[73] GWS TUBE FORMING SOLUTIONS INC., CA

[85] 2010-05-05

[86] 2008-11-10 (PCT/CA2008/001976)

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[30] US (60/986,837) 2007-11-09

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[13] C

[51] **Int.Cl. H04W 84/22 (2009.01) H04W 80/02 (2009.01) H04L 29/06 (2006.01)**

[25] EN

[54] **APPARATUS AND METHODS FOR TRANSMITTING DATA OVER A WIRELESS MESH NETWORK**

[54] **APPAREIL ET PROCEDES POUR TRANSMETTRE DES DONNEES SUR UN RESEAU MAILLE SANS FIL**

[72] WENTINK, MAARTEN MENZO, US

[73] QUALCOMM INCORPORATED, US

[85] 2010-10-07

[86] 2009-04-30 (PCT/US2009/042278)

[87] (WO2009/134982)

[30] US (61/049,319) 2008-04-30

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

[25] EN

[54] **APPARATUS, METHOD AND COMPUTER PROGRAM FOR GENERATING A REPRESENTATION OF A BANDWIDTH-EXTENDED SIGNAL ON THE BASIS OF AN INPUT SIGNAL REPRESENTATION USING A COMBINATION OF A HARMONIC BANDWIDTH-EXTENSION AND A NON-HARMONIC BANDWIDTH-EXTENSION**

[54] **APPAREIL, PROCEDE ET PROGRAMME D'ORDINATEUR POUR GENERER UNE REPRESENTATION D'UN SIGNAL A BANDE PASSANTE ETENDUE SUR LA BASE D'UNE REPRESENTATION DE SIGNAL D'ENTREE A L'AIDE D'UNE COMBINAISON D'UNE EXTENSION DE BANDE PASSANTE HARMONIQUE ET D'UNE EXTENSION DE BANDE PASSANTE NON HARMONIQUE**

[72] NAGEL, FREDERIK, DE

[72] NEUENDORF, MAX, DE

[72] RETTELBACH, NIKOLAUS, DE

[72] LECOMTE, JEREMIE, DE

[72] MULTRUS, MARKUS, DE

[72] GRILL, BERNHARD, DE

[72] DISCH, SASCHA, DE

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

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[86] 2010-04-01 (PCT/EP2010/054422)

[87] (WO2010/112587)

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[51] **Int.Cl. H04W 4/22 (2009.01)**  
[25] EN  
[54] **SYSTEM, APPARATUS AND METHOD TO ENABLE MOBILE STATIONS TO IDENTIFY CALLS BASED ON PREDETERMINED VALUES SET IN A CALL HEADER**  
[54] **SYSTEME, APPAREIL ET PROCEDE POUR PERMETTRE A DES STATIONS MOBILES D'IDENTIFIER DES APPELS EN FONCTION DE VALEURS PREDETERMINEES CONFIGUREES DANS UN EN-TETE D'APPEL**  
[72] MAHENDRAN, ARUNGUNDRAM C., US  
[73] QUALCOMM INCORPORATED, US  
[85] 2010-10-19  
[86] 2009-05-06 (PCT/US2009/043035)  
[87] (WO2009/137617)  
[30] US (61/051,304) 2008-05-07  
[30] US (61/080,188) 2008-07-11  
[30] US (12/433,402) 2009-04-30

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[13] C  
[51] **Int.Cl. B61F 13/00 (2006.01) B61B 13/04 (2006.01) B61B 13/06 (2006.01) B61F 3/00 (2006.01) B61F 5/38 (2006.01)**  
[25] EN  
[54] **A MONORAIL BOGIE HAVING IMPROVED ROLL BEHAVIOR**  
[54] **BOGIE MONORAIL AYANT UN MEILLEUR COMPORTEMENT AU ROULIS**  
[72] HONEGGER, FRIEDRICH WILHELM, CH  
[72] TIMAN, PETER EDWARD, CA  
[73] BOMBARDIER TRANSPORTATION GMBH, DE  
[85] 2010-10-27  
[86] 2009-02-06 (PCT/CA2009/000162)  
[87] (WO2009/132417)  
[30] US (12/149,149) 2008-04-28

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[13] C  
[51] **Int.Cl. H04W 48/18 (2009.01) H04W 48/16 (2009.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CHANNEL SCANNING**  
[54] **METHODE ET APPAREIL DE BALAYAGE DE CANAL**  
[72] KANADE, PARAG MOHAN, US  
[72] TU, ALEX KUANG-HSUAN, US  
[72] DEEPAK, VIRAT, US  
[73] QUALCOMM INCORPORATED, US  
[85] 2010-11-05  
[86] 2009-05-19 (PCT/US2009/044574)  
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[51] **Int.Cl. A62B 99/00 (2009.01)**  
[25] EN  
[54] **RELEASE MECHANISM FOR AVALANCHE RESCUE DEVICES**  
[54] **APPAREIL DE DECLenchEMENT POUR DISPOSITIFS DE SECOURS AUX PERSONNES PRISES DANS DES AVALANCHES**  
[72] ASCHAUER, PETER, DE  
[72] HOERCHER, GUENTER, DE  
[72] GENSWEIN, MANUEL, CH  
[73] ASCHAUER, PETER, DE  
[85] 2010-11-15  
[86] 2009-05-15 (PCT/EP2009/003482)  
[87] (WO2009/138244)  
[30] DE (10 2008 023 679.9) 2008-05-15

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[51] **Int.Cl. H04W 4/06 (2009.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MINIMIZING CALL SETUP LATENCY IN A GROUP COMMUNICATION AMONG WIRELESS COMMUNICATION DEVICES**  
[54] **SYSTEME ET PROCEDE POUR MINIMISER LA LATENCE D'ETABLISSEMENT D'APPELS DANS UNE COMMUNICATION DE GROUPE ENTRE DES DISPOSITIFS DE COMMUNICATION SANS FIL**  
[72] SAVARKAR, GAUTAM, US  
[72] BHATT, DEVANG, US  
[72] BALU, KARTHIK, US  
[72] VERMA, RAJAN, US  
[73] QUALCOMM INCORPORATED, US  
[85] 2010-11-17  
[86] 2009-05-12 (PCT/US2009/043635)  
[87] (WO2009/148775)  
[30] US (12/133,681) 2008-06-05

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[13] C  
[51] **Int.Cl. H04W 60/00 (2009.01)**  
[25] EN  
[54] **METHOD FOR INSTANT REGISTRATION OF A ROAMING UE ONTO A PREFERRED VPLMN FROM A NON-PREFERRED VPLMN**  
[54] **PROCEDE D'ENREGISTREMENT INSTANTANE D'UN EQUIPEMENT D'UTILISATEUR EN ITINERANCE SUR UN RMTPV PREFERE A PARTIR D'UN RMTPV NON PREFERE**  
[72] MANALO, ROBERT E., CA  
[73] TELUS COMMUNICATIONS COMPANY, CA  
[86] (2724871)  
[87] (2724871)  
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[51] **Int.Cl. C22C 38/04 (2006.01) C21D 8/02 (2006.01) C23C 2/02 (2006.01) C23C 2/06 (2006.01)**

[25] FR

[54] **METHOD FOR MANUFACTURING VERY HIGH STRENGTH, COLD-ROLLED, DUAL PHASE STEEL SHEETS, AND SHEETS THUS PRODUCED**

[54] **PROCEDE DE FABRICATION DE TOLES D'ACIERS DUAL PHASE LAMINEES A FROID A TRES HAUTE RESISTANCE ET TOLES AINSI PRODUCTES**

[72] MOULIN, ANTOINE, FR

[72] SARDOY, VERONIQUE, FR

[72] VINCI, CATHERINE, FR

[72] RESTREPO GARCES, GLORIA, FR

[72] WATERSCHOOT, TOM, BE

[72] GOUNE, MOHAMED, FR

[73] ARCELORMITTAL  
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[85] 2010-11-22

[86] 2009-05-15 (PCT/FR2009/000574)

[87] (WO2009/150319)

[30] EP (08290474.9) 2008-05-21

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[13] C

[51] **Int.Cl. F03D 5/00 (2006.01)**

[25] EN

[54] **INFRASTRUCTURE FOR DRIVING AND ASSISTED TAKE-OFF OF AIRFOILS FOR TROPOSPHERIC AEOLIAN GENERATOR**

[54] **INFRASTRUCTURE D'ENTRAINEMENT ET DE MISE EN MOUVEMENT ASSISTEE DE CAPTEURS POUR GENERATEUR EOLIEN TROPOSPHERIQUE**

[72] IPPOLITO, MASSIMO, IT

[73] KITE GEN RESEARCH S.R.L., IT

[85] 2010-11-24

[86] 2009-05-29 (PCT/IT2009/000236)

[87] (WO2009/147692)

[30] IT (TO2008A000423) 2008-06-04

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[13] C

[51] **Int.Cl. B65D 43/02 (2006.01)**

[25] EN

[54] **A CONTAINER**

[54] **RECEPTACLE**

[72] NOER, TORBEN, DK

[72] KOCH, MIKAEL, DK

[72] SONDERGAARD, DORTE CETTI, DK

[73] SUPERFOS A/S, DK

[85] 2010-12-02

[86] 2009-06-11 (PCT/EP2009/057244)

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[30] EP (08158027.6) 2008-06-11

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[13] C

[51] **Int.Cl. H02M 7/49 (2007.01) H02J 3/36 (2006.01)**

[25] EN

[54] **A VOLTAGE SOURCE CONVERTER**

[54] **CONVERTISSEUR DE SOURCE DE TENSION**

[72] ASPLUND, GUNNAR, SE

[73] ABB TECHNOLOGY AG, CH

[85] 2010-12-07

[86] 2008-06-09 (PCT/EP2008/057154)

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[11] **2,727,431**  
[13] C

[51] **Int.Cl. G01V 3/10 (2006.01)**

[25] EN

[54] **UNDERGROUND ELECTROMAGNETIC EXPLORATION METHOD**

[54] **PROCEDE D'EXPLORATION SOUTERRAINE ELECTROMAGNETIQUE**

[72] NAGASAKI, YASUHIKO, JP

[72] MATSUOKA, TOSHIFUMI, JP

[72] SAITO, AKIRA, JP

[72] OKUZUMI, KOICHI, JP

[73] JAPAN OIL, GAS AND METALS NATIONAL CORPORATION, JP

[85] 2010-12-09

[86] 2009-06-08 (PCT/JP2009/060437)

[87] (WO2009/154096)

[30] JP (2008-157101) 2008-06-16

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[13] C

[51] **Int.Cl. B01J 19/00 (2006.01) B01J 3/00 (2006.01) E21B 43/00 (2006.01)**

[25] EN

[54] **STORING DEVICE FOR STORED SUBSTANCE AND METHOD FOR STORING STORED SUBSTANCE**

[54] **DISPOSITIF DE STOCKAGE POUR SUBSTANCE STOCKEE ET PROCEDE DE STOCKAGE DE SUBSTANCE STOCKEE**

[72] KAMEYAMA, HIROMICHI, JP

[72] NISHIO, SUSUMU, JP

[72] XUE, ZIQIU, JP

[72] MATSUOKA, TOSHIFUMI, JP

[73] TOKYO GAS CO., LTD., JP

[85] 2011-01-31

[86] 2009-08-12 (PCT/JP2009/064249)

[87] (WO2010/018844)

[30] JP (2008-208816) 2008-08-14

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[13] C

[51] **Int.Cl. G06K 9/20 (2006.01)**

[25] EN

[54] **MACHINE-READABLE FORM CONFIGURATION AND SYSTEM AND METHOD FOR INTERPRETING AT LEAST ONE USER MARK**

[54] **CONFIGURATION DE FORMULAIRE LISIBLE PAR MACHINE ET SYSTEME ET PROCEDE D'INTERPRETATION D'AU MOINS UNE MARQUE D'UTILISATEUR**

[72] DIAMANDIS, ARGIRIS, GR

[72] PNEVMATIKAKIS, ARISTODEMOS, GR

[73] INTRALOT S.A. - INTEGRATED LOTTERY SYSTEMS AND SERVICES, GR

[85] 2011-02-03

[86] 2009-07-29 (PCT/IB2009/006652)

[87] (WO2010/015930)

[30] GR (20080100525) 2008-08-04

[30] US (61/086,180) 2008-08-05

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[13] C  
[51] **Int.Cl. H04L 12/24 (2006.01) H04W 40/38 (2009.01) H04L 12/701 (2013.01) H04L 12/28 (2006.01)**  
[25] EN  
[54] **MESSAGE ROUTING PLATFORM PLATEFORME DE ROUTAGE DE MESSAGES**  
[72] UNDERWOOD, JOHN ANTHONY, PH  
[72] KEYS, CHRISTOPHER EDWARD, PH  
[72] KERO, MARKKU, PH  
[72] LEINONEN, RAINER, PH  
[72] DELAGON, ALVIN, PH  
[73] 3RD BRAND PTE. LTD., SG  
[85] 2011-02-11  
[86] 2009-07-29 (PCT/SG2009/000266)  
[87] (WO2010/019105)  
[30] SG (200805997-4) 2008-08-13

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[13] C  
[51] **Int.Cl. A63B 71/06 (2006.01) G04G 7/00 (2006.01) G07C 1/22 (2006.01)**  
[25] EN  
[54] **SYSTEM FOR TIMING A SPORTS COMPETITION WITH TWO TIMING DEVICES**  
[54] **SYSTEME DE CHRONOMETRAGE D'UNE COMPETITION DE SPORTS AU MOYEN DE DEUX CHRONOMETRE**  
[72] BLONDEAU, FABIEN, CH  
[73] SWISS TIMING, CH  
[86] (2734990)  
[87] (2734990)  
[22] 2011-03-24  
[30] EP (10161103.6) 2010-04-27

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[13] C  
[51] **Int.Cl. G07F 17/32 (2006.01)**  
[25] EN  
[54] **MOBILE PLAY INSTANT TICKET LOTTERY GAME**  
[54] **JEU DE LOTERIE A TICKET DE JEU INSTANTANE MOBILE**  
[72] SAFAEI, AMAN, US  
[72] HUNTLEY, WILLIAM J., US  
[73] SCIENTIFIC GAMES HOLDINGS LIMITED, IS  
[85] 2011-03-09  
[86] 2009-08-31 (PCT/IB2009/053797)  
[87] (WO2010/032146)  
[30] US (61/097,630) 2008-09-17  
[30] US (12/508,117) 2009-07-23

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[13] C  
[51] **Int.Cl. C10G 45/02 (2006.01) C10G 2/00 (2006.01)**  
[25] EN  
[54] **METHOD FOR STARTING-UP NAPHTHA FRACTION HYDROTREATING REACTOR**  
[54] **PROCEDE DE DEMARRAGE D'UN REACTEUR POUR L'HYDROTRAITEMENT D'UNE FRACTION DE NAPHTA**  
[72] TANAKA, YUICHI, JP  
[72] HONDA, HIDEKATSU, JP  
[73] COSMO OIL CO., LTD., JP  
[73] JX NIPPON OIL & ENERGY CORPORATION, JP  
[73] JAPAN OIL, GAS AND METALS NATIONAL CORPORATION, JP  
[73] INPEX CORPORATION, JP  
[73] JAPAN PETROLEUM EXPLORATION CO., LTD., JP  
[73] NIPPON STEEL ENGINEERING CO., LTD., JP  
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[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/66 (2006.01)**  
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[54] **APPARATUS AND METHOD FOR RESOLVING A RACE CONDITION BETWEEN TWO SESSION INITIATION PROTOCOL (SIP) END POINTS**  
[54] **APPAREIL ET PROCEDE PERMETTANT DE RESOUDRE UNE CONDITION DE COURSE ENTRE DEUX POINTS TERMINAUX DE PROTOCOLE DE LANCEMENT DE SESSION**  
[72] YIN, HAIYANG, CA  
[72] LUU, LAP, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2738191)  
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[22] 2011-04-27  
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[51] **Int.Cl. C04B 24/32 (2006.01) C04B 24/26 (2006.01)**  
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[54] **REDISPERSIBLE POWDER COMPOSITION FOR DRY MORTAR FORMULATIONS**  
[54] **COMPOSITION PULVERULENTE, REDISPERSABLE POUR FORMULES DE MORTIER NON HYDRAULIQUE**  
[72] KIESEWETTER, RENE, DE  
[72] FENGLER, LARS, DE  
[73] DOW GLOBAL TECHNOLOGIES LLC, US  
[86] (2738546)  
[87] (2738546)  
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[25] EN  
[54] **ALPHA-AMYLASE INHIBITORS: THE MONTBRETINS AND USES THEREOF**  
[54] **INHIBITEURS D'ALPHA-AMYLASE : MONTBRETINES ET UTILISATIONS DE CEUX-CI**  
[72] ANDERSEN, RAYMOND, CA  
[72] BRAYER, GARY, CA  
[72] TARLING, ANDREW C., CA  
[72] WITHERS, STEPHEN, CA  
[72] WOODS, KATHERINE, CA  
[73] THE UNIVERSITY OF BRITISH COLUMBIA, CA  
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[54] **IMPROVED FLOW CYTOMETER NOZZLE AND FLOW CYTOMETER SAMPLE HANDLING METHODS**

[54] **BUSE POUR CYTOMETRE A LIQUIDE PERFECTIONNE ET PROCEDES DE MANIPULATION D'ECHANTILLON POUR CYTOMETRE A LIQUIDE**

[72] BUCHANAN, KRISTOPHER S., US  
[72] HERICKHOFF, LISA, US  
[73] XY, LLC, US  
[86] (2739572)  
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[25] EN

[54] **METHOD AND APPARATUS FOR DETERMINING A SPATIAL POSITIONING OF LOADING EQUIPMENT**

[54] **METHODES ET DISPOSITIF POUR DETERMINER LA POSITION SPATIALE D'UN EQUIPEMENT DE CHARGEMENT**

[72] TAFAZOLI BILANDI, SHAHRAM, CA  
[72] AHANI, AMIR MOHAMMAD, CA  
[72] RASULI, ABDOL RASUL, CA  
[73] MOTION METRICS INTERNATIONAL CORP., CA  
[86] (2742335)  
[87] (2742335)  
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[54] **PERSONAL HYGIENE DEVICES, SYSTEMS AND METHODS**

[54] **PROCEDES D'HYGIENE PERSONNELLE**

[72] ORTINS, MARC PHILIP, US  
[72] LEAL, GEORGE HENRY, US  
[72] CHRISTMAN, THOMAS AURELE, US  
[73] THE GILLETTE COMPANY, US  
[85] 2011-05-18  
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[54] **ROLLING CUTTER**

[54] **TREPAN A MOLETTES**

[72] SHEN, YUELIN, US  
[72] ZHANG, YOUHE, US  
[72] YONG, ZHOU, US  
[72] YU, JIAQING, US  
[72] KESHAVAN, MADAPUSI K., US  
[73] SMITH INTERNATIONAL, INC., US  
[86] (2744144)  
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[54] **STEROIDAL COMPOSITIONS**

[54] **COMPOSITIONS STEROIDIENNES**

[72] GILIYAR, CHANDRASHEKAR, US  
[72] CHIDAMBARAM, NACHIAPPAN, US  
[72] PATEL, MAHESH V., US  
[72] VENKATESHWARAN, SRINIVASAN, US  
[73] LIPOCINE, INC., US  
[85] 2011-05-18  
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[25] EN

[54] **ALL-PURPOSE ALKALINE SINGLE PHASE CLEANING COMPOSITION**

[54] **COMPOSITION DE NETTOYAGE ALCALINE MONOPHASIQUE TOUT USAGE**

[72] SCHWERTER, ANDREA, DE  
[72] TEUSCH, KATJA, DE  
[72] MENZEL, MATTHIAS, DE  
[73] ECOLAB INC., US  
[85] 2011-05-19  
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[54] **METHOD FOR THE ENHANCEMENT OF DYNAMIC UNDERBALANCED SYSTEMS AND OPTIMIZATION OF GUN WEIGHT**  
[54] **PROCEDE POUR L'AMELIORATION DE SYSTEMES SOUS-EQUILIBRES DYNAMIQUES ET L'OPTIMISATION DE POIDS DE CANON**  
[72] BELL, MATTHEW ROBERT GEORGE, US  
[72] WESSON, DAVID S., US  
[72] CLARK, NATHAN GARRET, US  
[72] HARDESTY, JOHN THOMAS, US  
[73] GEODYNAMICS, INC., US  
[85] 2011-06-01  
[86] 2009-12-01 (PCT/US2009/066279)  
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[25] EN  
[54] **METHOD FOR PREPARING PERSONAL CARE COMPOSITION COMPRISING SURFACTANT AND HIGH MELTING POINT FATTY COMPOUND**  
[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION DE SOINS PERSONNELS RENFERMANT UN TENSIO-ACTIF ET UN COMPOSE GRAS A POINT DE FUSION ELEVE**  
[72] YOKOGI, JUNICHI, JP  
[72] ANADA, CHISATO, JP  
[72] OKADA, TOSHIYUKI, JP  
[72] YANG, JIAN-ZHONG, JP  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 2011-06-07  
[86] 2009-12-09 (PCT/US2009/067237)  
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[54] **PUNCTURE DEVICE AND PUNCTURE NEEDLE CARTRIDGE**  
[54] **DISPOSITIF A PONCTION ET CARTOUCHE D'AIGUILLES POUR PONCTION**  
[72] UMEBAYASHI, NOBUE, JP  
[72] TSUBOUCHI, TOSHIHARU, JP  
[73] PANASONIC HEALTHCARE HOLDINGS CO., LTD., JP  
[86] (2746792)  
[87] (2746792)  
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[54] **METHOD FOR PRODUCING DIAMINE DERIVATIVE**  
[54] **METHODE DE PRODUCTION D'UN DERIVE DE DIAMINE**  
[72] KOYAMA, TAKEO, JP  
[73] DAIICHI SANKYO COMPANY, LIMITED, JP  
[85] 2011-06-16  
[86] 2009-12-15 (PCT/JP2009/070874)  
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[54] **RETAINING WALL SOIL REINFORCING CONNECTOR AND METHOD**  
[54] **RACCORD POUR RENFORCEMENT DE SOL PAR MUR DE RETENUE ET PROCEDE ASSOCIE**  
[72] TAYLOR, THOMAS P., US  
[73] T & B STRUCTURAL SYSTEMS LLC, US  
[85] 2011-06-29  
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[25] EN  
[54] **COMPOSITION FOR LOWERING BLOOD LIPID AND ELEVATING HIGH-DENSITY LIPOPROTEIN AND METHOD FOR MANUFACTURING THE SAME**  
[54] **COMPOSITION POUR DIMINUER LES LIPIDES SANGUINS ET ELEVER LES LIPOPROTEINES HAUTE DENSITE ET SA METHODE DE FABRICATION**  
[72] PAN, TZU-MING, TW  
[72] LEE, CHUN-LIN, TW  
[72] WU, CHENG-LUN, TW  
[73] SUNWAY BIOTECH CO., LTD., TW  
[86] (2748794)  
[87] (2748794)  
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[25] EN  
[54] **LIGHTNING ARRESTER AND A POWER TRANSMISSION LINE PROVIDED WITH SUCH AN ARRESTER**  
[54] **PARAFOUDRE ET CABLE ELECTRIQUE EQUIPE DE CE PARAFOUDRE**  
[72] PODPORKIN, GEORGY VIKTOROVICH, RU  
[72] KALAKUTSKY, EVGENY SERGEEVICH, RU  
[73] OTKRYTOE AKTSIONERNOE OBSHESTVO "NPO "STREAMER", RU  
[85] 2011-07-19  
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[25] EN

[54] **ELECTRICAL CONDUCTIVE MEMBER AND POLYMER ELECTROLYTE FUEL CELL USING THE SAME**

[54] **ELEMENT CONDUCTEUR ET PILE A COMBUSTIBLE A POLYMERE SOLIDE L'UTILISANT**

[72] HIMENO, TOMOKATSU, JP

[72] MIYAZAWA, ATSUSHI, JP

[72] YAGINUMA, MOTOKI, JP

[72] YAMAMOTO, KEISUKE, JP

[72] OKADA, KEIJI, JP

[72] YAMAZAKI, TSUTOMU, JP

[72] NUMAO, YASUHIRO, JP

[72] TSUDA, TOSHIHIKO, JP

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

[85] 2011-05-25

[86] 2009-10-20 (PCT/JP2009/068048)

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[54] **AUTOMATED INTRAOCULAR LENS INJECTOR DEVICE**

[54] **DISPOSITIF AUTOMATISE D'INJECTION DE LENTILLE INTRAOCULAIRE**

[72] BROWN, KYLE, US

[72] DOWNER, DAVID A., US

[72] MUCHHALA, SUSHANT, US

[72] PROULX, MARSHALL K., US

[72] VAN NOY, STEPHEN J., US

[72] YAN, DENGZHU (DAN), US

[73] ALCON RESEARCH, LTD., US

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[25] EN

[54] **THREE-WAY VALVE FOR POWER INJECTION IN VASCULAR ACCESS DEVICES**

[54] **ROBINET A TROIS VOIES POUR INJECTION D'ENERGIE DANS DES DISPOSITIFS D'ACCES VASCULAIRE**

[72] PRASAD, JAYANTHI, US

[72] FISK, TOM, US

[72] GRAY, JEFF, US

[73] NAVILYST MEDICAL, INC., US

[85] 2011-08-04

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[54] **INTRAOCULAR LENS ALIGNMENT USING CORNEAL CENTER**

[54] **ALIGNEMENT DE LENTILLE INTRAOCULAIRE AU MOYEN DU CENTRE CORNEEN**

[72] LEVIS, ILIAS, US

[72] TALAMO, JONATHAN H., US

[73] ALCON RESEARCH, LTD., US

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[54] **SCALABLE DISRUPTIVE-RESISTANT COMMUNICATION METHOD**

[54] **PROCEDE DE COMMUNICATION RESISTANT A L'INTERRUPTION POUVANT ETRE MIS A L'ECHELLE**

[72] CHEN, WAI, US

[72] CHENNIKARA-VARGHESE, JASMINE, US

[72] ONISHI, RYOKICHI, US

[72] VUYURU, RAMA, US

[73] TELCORDIA TECHNOLOGIES, INC., US

[73] TOYOTA INFOTECHNOLOGY CENTER U.S.A., INC., US

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[54] **TOOTHBRUSH**

[54] **BROSSE A DENTS**

[72] KLING, BJOERN, DE

[72] BIRK, ANDREAS, DE

[73] BRAUN GMBH, DE

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[54] **A SYSTEM, METHOD AND APPARATUS FOR PROCESSING FOOD PRODUCTS**  
[54] **SYSTEME, PROCEDE ET APPAREIL DE TRAITEMENT DE PRODUITS ALIMENTAIRES**  
[72] LE ROUX, ANTON SCHUTTE, ZA  
[72] JOHNSTON, ROY ANDREW, ZA  
[72] SCHULTZ, HERMANN AUGUST, ZA  
[72] ROUX, DANIEL, ZA  
[72] UYS, TAYLOR, ZA  
[73] FREDDY HIRSCH GROUP (PROPRIETARY) LIMITED, ZA  
[85] 2011-09-20  
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[54] **CONTROL APPARATUS FOR VEHICLE**  
[54] **APPAREIL DE COMMANDE POUR UN VEHICULE**  
[72] TAKAHASHI, KENJI, JP  
[72] NISHI, YUJI, JP  
[72] TOMURA, SHUJI, JP  
[72] TAKEMOTO, TAKESHI, JP  
[72] HAGA, NOBUYASU, JP  
[72] FUCHIMOTO, TETSUYA, JP  
[72] SUGIMOTO, TETSUYA, JP  
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[85] 2011-10-05  
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[13] C

[51] **Int.Cl. B01D 69/14 (2006.01) B01D 61/36 (2006.01) B01D 67/00 (2006.01)**  
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[54] **THIN FILM PERVAPORATION MEMBRANES COMPRISING NANOPARTICLE AGGREGATE**  
[54] **MEMBRANES DE PERVAPORATION SUR FILM MINCE COMPORTANT UN AGREGAT DE NANOPARTICULES**  
[72] VANDEZANDE, PIETER, BE  
[72] CLAES, STAN VIC VALERIE, BE  
[72] MULLENS, STEVEN HANS RIK WOUTER, BE  
[73] VITO N.V., BE  
[85] 2011-11-16  
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[30] EP (PCT/EP2009/056006) 2009-05-18

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[13] C

[51] **Int.Cl. D06F 73/02 (2006.01)**  
[25] EN  
[54] **ENCLOSED FABRIC TREATMENT SYSTEM PROVIDING FABRIC TENSIONING**  
[54] **SYSTEME DE TRAITEMENT DE TISSU INTEGRE OFFRANT LA MISE EN TENSION DU TISSU**  
[72] ROSELLE, BRIAN JOSEPH, US  
[72] BISCHOFF, COREY MICHAEL, US  
[72] SMITH, CHRISTOPHER LAWRENCE, US  
[72] SABISCH, MARKUS, DE  
[72] VON SARTORI-MONTECROCE, OLIVER, DE  
[72] KLEEMANN, CHRISTOF, DE  
[72] HOLLINGER, STEFAN HUBERT, DE  
[72] BECK, BENJAMIN JANES, US  
[72] DAMASCHKE, ROBERT HANS-JOACHIM, DE  
[72] MESCHKAT, STEPHAN JAMES ANDREAS, DE  
[72] ULLRICH, HEIKO, DE  
[72] MARSDEN, DOUGLAS ARTHUR, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 2011-09-29  
[86] 2010-04-28 (PCT/US2010/032650)  
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[30] US (61/174,673) 2009-05-01  
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[13] C

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[25] EN  
[54] **TAPE MAGAZINE FOR A HAND-HELD DEVICE FOR ANALYSING A BODY FLUID, AND A HAND-HELD DEVICE**  
[54] **MAGASIN DE RUBAN DE DISPOSITIF A MAIN POUR L'ANALYSE DE LIQUIDE ORGANIQUE, ET DISPOSITIF A MAIN**  
[72] LIST, HANS, DE  
[72] HAAR, HANS-PETER, DE  
[72] ROESICKE, BERND, DE  
[73] F. HOFFMANN-LA ROCHE AG, CH  
[86] (2758158)  
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[54] **EMERGENCY CIRCUIT-MODE CALL SUPPORT**  
[54] **SUPPORT D'APPELS D'URGENCE EN MODE CIRCUIT**  
[72] EDGE, STEPHEN, US  
[72] BURROUGHS, KIRK, US  
[72] WACHTER, ANDREAS, US  
[73] QUALCOMM INCORPORATED, US  
[86] (2762231)  
[87] (2762231)  
[22] 2006-09-15  
[62] 2,622,751  
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[30] US (60/730,312) 2005-10-25  
[30] US (60/749,294) 2005-12-09  
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[25] EN  
[54] **MOVABLE DEVICE FOR INJECTING OXYGEN AND OTHER MATERIALS INTO ELECTRIC ARC FURNACE**  
[54] **DISPOSITIF MOBILE POUR L'INJECTION D'OXYGENE ET D'AUTRES MATIERES DANS UN FOUR ELECTRIQUE A ARC**  
[72] REALI, SILVIO MARIA, IT  
[72] CAVALLINI, GIANCARLO, IT  
[72] GRIONI, MAURO, IT  
[73] TENOVA S.P.A., IT  
[85] 2011-11-23  
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[51] **Int.Cl. E21B 43/12 (2006.01) F04B 47/12 (2006.01)**  
[25] EN  
[54] **PLUNGER LIFT SYSTEMS AND METHODS**  
[54] **SYSTEMES ET PROCEDES DE POMPAGE PNEUMATIQUE**  
[72] GONG, MING, US  
[72] HARRISON, LARRY E., US  
[72] PIROG, THEODORE W., US  
[72] KAMINSKY, ROBERT D., US  
[72] VALSECCHI, PIETRO, US  
[72] BAILEY, JEFFREY R., US  
[72] BANGARU, NARASIMHA-RAO V., US  
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US  
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[25] EN  
[54] **DOWNLINK TRANSMISSIONS FOR TYPE 2 RELAY**  
[54] **TRANSMISSIONS EN LIAISON DESCENDANTE POUR RELAIS DE TYPE 2**  
[72] CAI, ZHIJUN, US  
[72] BONTU, CHANDRA S., CA  
[72] YU, YI, US  
[72] FONG, MO-HAN, CA  
[72] VRZIC, SOPHIE, CA  
[72] WOMACK, JAMES E., US  
[72] EARNSHAW, ANDREW MARK, CA  
[72] SONG, YI, US  
[73] BLACKBERRY LIMITED, CA  
[85] 2011-12-14  
[86] 2010-06-16 (PCT/US2010/038869)  
[87] (WO2010/148122)  
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[51] **Int.Cl. H04W 48/10 (2009.01) H04W 68/02 (2009.01)**  
[25] EN  
[54] **METHOD FOR ACCESSING A SERVICE UNAVAILABLE THROUGH A NETWORK CELL**  
[54] **PROCEDE POUR ACCEDER A UN SERVICE NON DISPONIBLE PAR L'INTERMEDIAIRE D'UNE CELLULE RESEAU**  
[72] BURBIDGE, RICHARD CHARLES, GB  
[72] SUZUKI, TAKASHI, JP  
[72] HOLE, DAVID PHILIP, GB  
[72] DWYER, JOHANNA LISA, CA  
[72] RAYAVARAPU, VENKATA RATNAKAR RAO, GB  
[72] WIJAYANATHAN, MAIYURAN, CA  
[72] MCCANN, STEPHEN, GB  
[72] EARNSHAW, MARK, CA  
[72] CHIN, CHEN-HO, BE  
[73] BLACKBERRY LIMITED, CA  
[85] 2011-12-14  
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[25] EN  
[54] **DEVICE AND METHOD FOR ROTATION OF TORQUE TONG**  
[54] **DISPOSITIF ET PROCEDE POUR LA ROTATION D'UNE CLE A COUPLE**  
[72] HOLEN, BERNT OLAV, NO  
[73] AKER MH AS, NO  
[85] 2012-01-06  
[86] 2010-06-16 (PCT/NO2010/000232)  
[87] (WO2011/005102)  
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[51] **Int.Cl. H04N 21/478 (2011.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR FACILITATING PURCHASES ASSOCIATED WITH VIDEO PROGRAMMING**  
[54] **SYSTEME ET PROCEDE FACILITANT LES ACHATS ASSOCIES A UNE PROGRAMMATION VIDEO**  
[72] KOOMAN, CHRISTOPHER, US  
[73] ECHOSTAR TECHNOLOGIES LLC, US  
[85] 2012-01-12  
[86] 2010-07-22 (PCT/US2010/042906)  
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[51] **Int.Cl. B01J 19/00 (2006.01) E21B 43/00 (2006.01)**  
[25] EN  
[54] **DEVICE AND METHOD FOR SEQUESTERING A SUBSTANCE**  
[54] **DISPOSITIF ET PROCEDE DE SEQUESTRATION D'UNE SUBSTANCE**  
[72] KAMEYAMA, HIROMICHI, JP  
[72] NISHIO, SUSUMU, JP  
[72] XUE, ZIQIU, JP  
[72] MATSUOKA, TOSHIFUMI, JP  
[73] TOKYO GAS CO., LTD., JP  
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[25] EN  
[54] **CONFIGURABLE TREATMENT BALLOON HAVING VARIABLE TENSION AND SHAPE**  
[54] **BALLONNET DE TRAITEMENT CONFIGURABLE AYANT UNE TENSION ET UNE FORME VARIABLES**  
[72] MAHROUCHE, RACHID, CA  
[73] MEDTRONIC CRYOCATH LP, CA  
[85] 2012-01-19  
[86] 2010-07-23 (PCT/CA2010/001160)  
[87] (WO2011/011874)  
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[51] **Int.Cl. G06Q 20/08 (2012.01) G06Q 20/12 (2012.01)**  
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[54] **METHOD AND SYSTEMS FOR TRANSFERRING AN ELECTRONIC PAYMENT**  
[54] **PROCEDE ET SYSTEME POUR TRANSFERER UN PAIEMENT ELECTRONIQUE**  
[72] GREENSPAN, AARON J., US  
[73] THINK COMPUTER CORPORATION, US  
[85] 2012-01-25  
[86] 2010-08-02 (PCT/US2010/044127)  
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[30] US (61/230,387) 2009-07-31  
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[25] EN  
[54] **AMINOPYRAZOLE DERIVATIVE**  
[54] **DERIVE D'AMINOPYRAZOLE**  
[72] TAKA, NAOKI, JP  
[72] OHMORI, MASAYUKI, JP  
[72] TAKAMI, KYOKO, JP  
[72] MATSUSHITA, MASAYUKI, JP  
[72] HAYASE, TADAKATSU, JP  
[72] HYODO, IKUMI, JP  
[72] KOCHI, MASAMI, JP  
[72] NISHII, HIROKI, JP  
[72] EBIKE, HIROSATO, JP  
[72] NAKANISHI, YOSHITO, JP  
[72] MIO, TOSHIYUKI, JP  
[72] WANG, LISHA, CN  
[72] ZHAO, WEILI, CN  
[73] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP  
[73] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2012-02-03  
[86] 2010-08-05 (PCT/JP2010/063315)  
[87] (WO2011/016528)  
[30] JP (2009-184822) 2009-08-07

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[13] C  
[51] **Int.Cl. B64C 25/12 (2006.01) B64C 25/34 (2006.01)**  
[25] EN  
[54] **MAIN LANDING GEAR WITH RIGID REAR STAY**  
[54] **TRAIN D'ATTERISSAGE PRINCIPAL EQUIPE D'UNE ENTRETOISE ARRIERE RIGIDE**  
[72] BENNETT, IAN, GB  
[73] MESSIER-DOWTY LIMITED, GB  
[85] 2012-02-06  
[86] 2010-08-16 (PCT/GB2010/051351)  
[87] (WO2011/023980)  
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[51] **Int.Cl. G01R 31/00 (2006.01) A42B 3/04 (2006.01) A42B 3/24 (2006.01) H05B 3/86 (2006.01)**  
[25] EN  
[54] **ELECTRICAL ENERGY SUPPLY INDICATOR FOR A HELMET**  
[54] **INDICATEUR D'ALIMENTATION POUR CASQUE**  
[72] CHEN, TSAN-JEE, TW  
[73] APEX PRECISION CO., LTD., TW  
[86] (2771541)  
[87] (2771541)  
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[51] **Int.Cl. C09K 8/467 (2006.01) C04B 24/26 (2006.01) C09K 8/508 (2006.01)**  
[25] EN  
[54] **RADIATION-INDUCED THICKENING FOR SET-ON-COMMAND SEALANT COMPOSITIONS AND METHODS OF USE**  
[54] **EPAISSISSEMENT INDUIT PAR RAYONNEMENT POUR COMPOSITIONS DE PRODUIT DE COLMATAGE A DURCISSEMENT SUR COMMANDE ET PROCEDES D'UTILISATION CORRESPONDANTS**  
[72] LEWIS, SAMUEL, US  
[72] MYERS, DAVID F., US  
[72] DAVIS, JAMES L., US  
[72] RAO, VIKRAM, US  
[72] GUPTA, VIJAY, US  
[72] SOBY, LYNN, US  
[72] DUMMER, ANDREW K., US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2012-02-20  
[86] 2010-08-18 (PCT/GB2010/001561)  
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[25] EN  
[54] **RADIO LINK TIMEOUT PROCEDURE FOR CALL RE-ESTABLISHMENT**  
[54] **PROCEDURE DE DELAI D'ATTENTE DE LIAISON RADIO POUR RETABLISSEMENT DE COMMUNICATION**  
[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] 2012-02-22  
[86] 2010-08-26 (PCT/IB2010/002097)  
[87] (WO2011/024059)  
[30] US (12/549,890) 2009-08-28

[11] **2,771,867**  
[13] C

- [51] **Int.Cl. A61B 18/14 (2006.01)**  
[25] EN  
[54] **BI-MODAL CATHETER STEERING MECHANISM**  
[54] **MECANISME D'ORIENTATION DE CATHETER BIMODAL**  
[72] WERNETH, RANDELL, US  
[72] ROMAN, RICARDO, US  
[72] CORVI, TIMOTHY J., US  
[72] HU, BETTY, US  
[73] MEDTRONIC ABLATION FRONTIERS LLC, US  
[85] 2012-02-22  
[86] 2010-08-09 (PCT/US2010/044829)  
[87] (WO2011/025647)  
[30] US (12/546,796) 2009-08-25

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[13] C

- [51] **Int.Cl. H04L 29/08 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM ENABLING CO-OPERATING OF WEB APPARATUS AND FLASH APPARATUS**  
[54] **PROCEDE ET SYSTEME PERMETTANT LE FONCTIONNEMENT COORDONNE D'UN EQUIPEMENT WEB ET D'UN EQUIPEMENT FLASH**  
[72] HUANG, CHAOXING, CN  
[72] GUO, BIJIAN, CN  
[72] ZHU, XINQI, CN  
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN  
[85] 2012-03-05  
[86] 2010-08-05 (PCT/CN2010/075735)  
[87] (WO2011/032437)  
[30] CN (200910177813.7) 2009-09-21

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[13] C

- [51] **Int.Cl. H04N 21/4725 (2011.01)**  
[25] EN  
[54] **EXPANDED PROGRAMMING GUIDE**  
[54] **GUIDE DE PROGRAMMATION ETENDUE**  
[72] MOUNTAIN, DALE LLEWELYN, GB  
[73] ELDON TECHNOLOGY LIMITED, GB  
[86] (2777082)  
[87] (2777082)  
[22] 2012-05-15  
[30] EP (11166991.7) 2011-05-20

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[13] C

- [51] **Int.Cl. F16J 15/12 (2006.01) F01N 13/08 (2010.01) F16J 15/10 (2006.01) F16L 27/06 (2006.01)**  
[25] EN  
[54] **SPHERICAL ANNULAR SEAL MEMBER AND METHOD OF MANUFACTURING THE SAME**  
[54] **ELEMENT JOINT ANNULAIRE SPHERIQUE, ET SON PROCEDE DE PRODUCTION**  
[72] KODA, YASUHIKO, JP  
[72] TAKAHASHI, MASANORI, JP  
[72] KAIDA, HIDETOSHI, JP  
[72] KUROSE, KOUHEI, JP  
[72] OKI, EIJI, JP  
[73] OILES CORPORATION, JP  
[85] 2012-04-16  
[86] 2011-07-07 (PCT/JP2011/003916)  
[87] (WO2012/042712)  
[30] JP (2010-217980) 2010-09-28

[11] **2,778,173**  
[13] C

- [51] **Int.Cl. C30B 29/28 (2006.01) G02B 27/28 (2006.01)**  
[25] EN  
[54] **SINGLE CRYSTAL, PRODUCTION PROCESS OF SAME, OPTICAL ISOLATOR AND OPTICAL PROCESSOR USING SAME**  
[54] **MONOCRISTAL, PROCEDE POUR SA PRODUCTION, ISOLATEUR OPTIQUE ET PROCESEUR OPTIQUE FONCTIONNANT AVEC CELUI-CI**  
[72] SANADA, KAZUO, JP  
[72] SHIMAMURA, KIYOSHI, JP  
[72] GARCIA, VILLORA ENCARNACION ANTONIA, JP  
[73] FUJIKURA LTD., JP  
[73] NATIONAL INSTITUTE FOR MATERIALS SCIENCE, JP  
[85] 2012-04-18  
[86] 2010-10-20 (PCT/JP2010/068422)  
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[54] **SEMICONDUCTOR LASER  
MODULE**  
[54] **MODULE DE LASER A SEMI-  
CONDUCTEURS**  
[72] TAMAYA, MOTOAKI, JP  
[72] NAKAMURA, AKIRA, JP  
[72] NANBA, CHISE, JP  
[73] MITSUBISHI ELECTRIC  
CORPORATION, JP  
[85] 2012-04-26  
[86] 2010-01-27 (PCT/JP2010/000455)  
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G02C 7/02 (2006.01)**  
[25] EN  
[54] **SURFACE TREATMENT  
COMPOSITION, PROCESS FOR  
PRODUCING THE SAME, AND  
SURFACE-TREATED ARTICLE**  
[54] **COMPOSITION DE TRAITEMENT  
DE SURFACE, PROCEDE DE  
PRODUCTION D'UNE TELLE  
COMPOSITION ET ARTICLE  
TRAITE EN SURFACE**  
[72] HERVIEU, GREGORY, FR  
[72] CALBA, PIERRE-JEAN, FR  
[72] KLEYER, DON LEE, US  
[72] HAYASHI, MASAYUKI, JP  
[72] HUPFIELD, PETER CHESHIRE, GB  
[72] YOSHIDA, TOMOHIRO, JP  
[72] ITAMI, YASUO, JP  
[72] MAEDA, MASAHIKO, JP  
[72] MASUTANI, TETSUYA, JP  
[73] ESSILOR INTERNATIONAL  
(COMPAGNIE GENERALE  
D'OPTIQUE), FR  
[73] DOW CORNING CORPORATION, US  
[73] DAIKIN INDUSTRIES, LTD., JP  
[85] 2012-05-02  
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[87] (WO2011/060047)  
[30] US (PCT/US2009/64016) 2009-11-11

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[13] C

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[54] **HERMETIC CENTRIFUGAL  
SEPARATOR**  
[54] **SEPARATEUR CENTRIFUGE  
HERMETIQUE**  
[72] PITKAMAKI, JOUKO, SE  
[72] SANDBLOM, ROBERT, SE  
[73] ALFA LAVAL CORPORATE AB, SE  
[85] 2012-05-03  
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[87] (WO2011/056131)  
[30] SE (0950840-9) 2009-11-06

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[13] C

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[25] EN  
[54] **METHOD FOR THE REMOVAL  
OF CHLORIDE FROM ZINC  
SULPHATE SOLUTION**  
[54] **PROCEDE POUR ELIMINER DU  
CHLORURE D'UNE SOLUTION  
DE SULFATE DE ZINC**  
[72] RUONALA, MIKKO, FI  
[72] SVENS, KURT, FI  
[72] ARPALAHTI, ANTTI, FI  
[72] LEPISTO, KAROLIINA, FI  
[73] OUTOTEC OYJ, FI  
[85] 2012-05-08  
[86] 2010-11-22 (PCT/FI2010/050946)  
[87] (WO2011/061408)  
[30] FI (20090441) 2009-11-23

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[13] C

[51] **Int.Cl. H04W 64/00 (2009.01) H04W  
52/02 (2009.01) A61G 12/00 (2006.01)**  
[25] EN  
[54] **REAL-TIME METHOD AND  
SYSTEM FOR LOCATING A  
MOBILE OBJECT OR PERSON IN  
A TRACKING ENVIRONMENT  
WHILE CONSERVING  
ELECTRICAL ENERGY IN A  
BATTERY-OPERATED  
TRACKING TAG ASSOCIATED  
WITH THE OBJECT OR PERSON**  
[54] **PROCEDE ET SYSTEME EN  
TEMPS REEL POUR LOCALISER  
UN OBJET OU UNE PERSONNE  
MOBILE TOUT EN CONSERVANT  
DE L'ENERGIE ELECTRIQUE**  
[72] TENARVITZ, HENRY J., US  
[73] VERSUS TECHNOLOGY, INC., US  
[85] 2012-05-14  
[86] 2010-05-20 (PCT/US2010/035502)  
[87] (WO2011/062659)  
[30] US (12/623,667) 2009-11-23

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[13] C

[51] **Int.Cl. A61K 38/20 (2006.01) C07K  
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[25] EN  
[54] **IMMUNOMODULATORY  
POLYPEPTIDES DERIVED FROM  
IL-2 AND THEIR USE THEREOF  
IN THE THERAPEUTIC OF  
CANCER AND CHRONIC  
INFECTIONS**  
[54] **POLYPEPTIDES  
IMMUNOMODULATEURS  
DERIVES DE IL-2 ET LEUR  
UTILISATION THERAPEUTIQUE  
CONTRE LE CANCER ET LES  
INFECTIONS CHRONIQUES**  
[72] LEON MONZON, KALET, CU  
[72] CARMENATE PORTILLA, TANIA,  
CU  
[72] GARCIA MARTINEZ, KARINA, CU  
[72] LAGE DAVILA, AGUSTIN  
BIENVENIDO, CU  
[72] PEREZ RODRIGUEZ, SAUMEL, CU  
[72] GONZALEZ ROCHE, DIAMILE, CU  
[72] MARQUEZ PERERA, GABRIEL, CU  
[73] CENTRO DE INMUNOLOGIA  
MOLECULAR (CIM), CU  
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[86] 2010-11-26 (PCT/CU2010/000005)  
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[30] CU (2009-0203) 2009-11-27

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[25] EN  
[54] **FORMULATIONS OF ANTIBODY**  
[54] **FORMULATIONS D'ANTICORPS**  
[72] RAMANI, KARTHIK, IN  
[72] JAYAKAR, SUCHARITHA, IN  
[73] BIOCON LIMITED, IN  
[73] CENTRO DE INMUNOLOGIA MOLECULAR, CU  
[85] 2012-05-18  
[86] 2010-11-19 (PCT/IB2010/055296)  
[87] (WO2011/061712)  
[30] IN (2859/CHE/2009) 2009-11-20

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[13] C

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[25] EN  
[54] **WATERTIGHT DOOR SYSTEM**  
[54] **SYSDME DE PORTE ETANCHE**  
[72] ELDER, JOHN, CA  
[72] MONK, DAVID, CA  
[72] STORRING, JOHN, CA  
[72] LEIGH, SCOTT, CA  
[72] SMITH, DOUG, CA  
[73] EMS-TECH INC., CA  
[86] (2781485)  
[87] (2781485)  
[22] 2012-06-27  
[30] CA (2,745,544) 2011-07-07

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[13] C

[51] **Int.Cl. B25J 15/08 (2006.01) B25J 17/00 (2006.01)**  
[25] EN  
[54] **ONE MOTOR FINGER MECHANISM**  
[54] **MECANISME DE DOIGT A MOTEUR UNIQUE**  
[72] MOYER, THOMAS, US  
[72] FAULRING, ERIC L., US  
[72] SANTOS-MUNNE, JULIO J., US  
[73] HDT EXPEDITIONARY SYSTEMS, INC., US  
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[54] **BIOCARBURANTS A PARTIR DE RESSOURCES LIGNOCELLULOSIQUES**  
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[72] GUDI, RAVINDRA D., IN  
[72] BRAHMAJOSYULA, JAGADEESH, IN  
[73] UOP LLC, US  
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[54] **LANTHIONINE DERIVATIVES**  
[54] **DERIVE DE LANTHIONINE**  
[72] SATO, SEIICHI, JP  
[72] FUTAKI, FUMIE, JP  
[72] YASUDA, REIKO, JP  
[72] ETO, SACHISE, JP  
[72] SUZUKI, YUMIKO, JP  
[72] TAJIMA, TAKAHO, JP  
[72] ETO, YUZURU, JP  
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[73] AJINOMOTO CO., INC., JP  
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[54] **NUTRITIONAL POWDERS COMPRISING SPRAY DRIED BETA-HYDROXY-BETA-METHYLBUTYRATE (HMB)**  
[54] **POUDRES NUTRITIONNELLES COMPRENANT DU BETA-HYDROXY-BETA-METHYLBUTYRATE (HMB) SECHE PAR PULVERISATION**  
[72] HELMKE, CHARLES R., US  
[73] ABBOTT LABORATORIES, US  
[85] 2012-06-22  
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[54] **DERIVES THIENO[3,2-D]PYRIMIDINES AVEC ACTIVITE INHIBITRICE SUR PROTEINES KINASES**  
[72] SON, JUNG BEOM, KR  
[72] JUNG, SEUNG HYUN, KR  
[72] CHOI, WHA IL, KR  
[72] JUNG, YOUNG HEE, KR  
[72] CHOI, JAE YUL, KR  
[72] SONG, JI YEON, KR  
[72] LEE, KYU HANG, KR  
[72] LEE, JAE CHUL, KR  
[72] KIM, EUN YOUNG, KR  
[72] AHN, YOUNG GIL, KR  
[72] KIM, MAENG SUP, KR  
[72] CHOI, HWAN GEUN, KR  
[72] SIM, TAE BO, KR  
[72] HAM, YOUNG JIN, KR  
[72] PARK, DONG-SIK, KR  
[72] KIM, HWAN, KR  
[72] KIM, DONG-WOOK, KR  
[73] HANMI SCIENCE CO., LTD., KR  
[73] KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY, KR  
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[54] **AFFICHAGE VIDEO POUR PRESENTOIRS DE PRODUITS**  
[72] HAMMONDS, MARCUS, US  
[73] PEPSICO, INC., US  
[85] 2012-07-23  
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[25] EN  
[54] **TRAY FOR TRANSPORTING AND DISPLAYING ITEMS SUCH AS YOGURT CONTAINERS**  
[54] **PLATEAU DE TRANSPORT ET DE PRESENTATION D'ARTICLES, TELS QUE DES POTS DE YAOURT**  
[72] VALOT, DENIS, FR  
[72] MALNOY, JEAN-YVES, FR  
[72] CATHERINE, FREDERIC, FR  
[72] TARTRE, DAMIEN, FR  
[73] SOCIETE NORMANDE DE CARTON ONDULE, FR  
[73] PAPETERIES D'ESPALY, FR  
[73] EMBALLAGES LAURENT SAS, FR  
[73] STE MEDITERRANEENNE D'EMBALLAGES, FR  
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[25] EN  
[54] **HEAT-TREATED STEEL MATERIAL, METHOD FOR PRODUCING SAME, AND BASE STEEL MATERIAL FOR SAME**  
[54] **MATERIAU EN ACIER TRAITÉ THERMIQUEMENT, PROCÉDE DE FABRICATION, ET MATERIAU D'ACIER DE BASE POUR LA MISE EN ŒUVRE DE CE PROCÉDE**  
[72] HIKITA, KAZUO, JP  
[72] KOJIMA, NOBUSATO, JP  
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP  
[85] 2012-08-23  
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[54] **ORAL CARE COMPOSITION COMPRISING METAL OXIDE PARTICLES AND A POLYMERIC ADHERENT MATERIAL**  
[54] **COMPOSITION DE SOIN BUCCAL COMPRENANT DES PARTICULES D'OXYDE METALLIQUE ET UNE MATIERE ADHERENTE POLYMERE**  
[72] PORTER, VENDA, US  
[72] MORGAN, ANDRE, US  
[72] PRENCIPE, MICHAEL, US  
[72] MELLO, SARITA, US  
[73] COLGATE-PALMOLIVE COMPANY, US  
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[54] **WORM DRIVE ADJUSTMENT FOR HEADGEAR SUSPENSION**  
[54] **REGLAGE PAR VIS SANS FIN D'UNE SUSPENSION DE CASQUE**  
[72] ROGERS, DAVID CHARLES, US  
[72] NOORDZIJ, DUCO W., US  
[72] STOKES, PETER L., US  
[72] KOENIG, LEONARD MANFRED, US  
[73] ARTISENT, LLC, US  
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[54] **GRENOUILLERE AVEC DECOUPE MUNIE DES FERMETURES A GLISSIERE PARTANT DU HAUT DU COU JUSQU'AUX COTES LATERUX**  
[72] ALLARA, MARIA KABALLA, CA  
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[54] **COMPOSITIONS TRANSDERMIQUES DE PROPYNYLAMINOINDANE**  
[72] WEN, JIANYE, US  
[72] HAMLIN, RICHARD, US  
[73] TEIKOKU PHARMA USA, INC., US  
[85] 2012-09-14  
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[25] EN  
[54] **METHOD AND PROCESS FOR PREPARATION AND PRODUCTION OF DEUTERATED .OMEGA.-DIPHENYLUREA**  
[54] **METHODE ET PROCEDES DE PREPARATION ET DE PRODUCTION DE O-DIPHENYLUREE DEUTEREE**  
[72] FENG, WEIDONG, CN  
[72] GAO, XIAOYONG, CN  
[72] DAI, XIAOJUN, CN  
[73] SUZHOU ZELGEN BIOPHARMACEUTICAL CO., LTD., CN  
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[54] **METHOD OF PROCESSING NON-REAL TIME SERVICE AND BROADCAST RECEIVER**  
[54] **PROCEDE DE TRAITEMENT DE SERVICE SANS CONTRAINTE TEMPS REEL ET RECEPTEUR DE DIFFUSION**  
[72] SUH, JONG YEUL, KR  
[73] LG ELECTRONICS INC., KR  
[85] 2012-09-24  
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[54] **SCENE COMPOSITE POUVANT S'ELEVER**  
[72] LAI, JIANYAN, CN  
[72] WANG, YUAN, CN  
[73] DALIAN WANDA GROUP CO., LTD., CN  
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[87] (2795100)  
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[54] **DISPOSITIF DE STATION DE BASE ET TERMINAL UTILISATEUR**  
[72] MIKI, NOBUHIKO, JP  
[72] TAKEDA, KAZUAKI, JP  
[72] YAN, YUAN, JP  
[72] LI, ANXIN, JP  
[73] NTT DOCOMO, INC., JP  
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[87] (WO2011/125701)  
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[25] EN  
[54] **ORAL TESTOSTERONE ESTER FORMULATIONS AND METHODS OF TREATING TESTOTERONE DEFICIENCY COMPRISING SAME**  
[54] **FORMULATIONS POUR VOIE ORALE D'ESTER DE TESTOSTERONE ET METHODES DE TRAITEMENT DE CARENCE EN TESTOSTERONE LES COMPRENANT**  
[72] DUDLEY, ROBERT E., US  
[72] CONSTANTINIDES, PANAYIOTIS P., US  
[73] CLARUS THERAPEUTICS, INC., US  
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[25] EN  
[54] **OLIGOMERIZATION CATALYST SYSTEM AND PROCESS FOR OLIGOMERIZING OLEFINS**  
[54] **SYSTEME CATALYTIQUE D'OLIGOMERISATION ET PROCEDE D'OLIGOMERISATION DES OLEFINES**  
[72] SYDORA, ORSON L., US  
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US  
[85] 2012-10-16  
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[54] **OUTIL POUR ENLEVER DES DEBRIS D'UN Puits DE FORAGE**  
[72] KRPEC, MARK, US  
[73] KRPEC, MARK, US  
[85] 2012-10-17  
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[25] EN  
[54] **FULLY AUTOMATIC KEY DUPLICATING MACHINE WITH AUTOMATIC KEY MODEL IDENTIFICATION SYSTEM**  
[54] **MACHINE DE DUPLICATION DE CLE ENTIEREMENT AUTOMATIQUE AVEC SYSTEME D'IDENTIFICATION DE MODELE DE CLE AUTOMATIQUE**  
[72] FREEMAN, DANIEL, US  
[72] FREEMAN, ARI, US  
[73] MINUTE KEY, INC., US  
[86] (2797774)  
[87] (2797774)  
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[54] **SUPER CAPACITOR**  
[54] **SUPER CONDENSATEUR**  
[72] MELITO, CARL FRANK, US  
[73] MELITO INC, US  
[85] 2012-10-29  
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[25] EN  
[54] **ROTATION DEVICE FOR LOAD TRANSPORTING APPARATUS**  
[54] **DISPOSITIF TOURNANT POUR APPAREIL DE TRANSPORT DE CHARGE**  
[72] SMITH, SHAWN R., US  
[72] SMITH, HARLAN B., US  
[73] ENTRO INDUSTRIES, INC., US  
[86] (2798790)  
[87] (2798790)  
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[51] **Int.Cl. A47L 11/30 (2006.01) A47L 11/162 (2006.01) A47L 11/293 (2006.01)**  
[25] EN  
[54] **DEVICE IN CONNECTION WITH A FLOOR CLEANING MACHINE**  
[54] **DISPOSITIF RELIE A UNE MACHINE DE NETTOYAGE DE SOL**  
[72] BRUNNSTROM, LUDVIG, SE  
[72] ANDREASSON, PATRIK, SE  
[72] ANDERSSON, NILS-ERIC, SE  
[73] QLEENO AB, SE  
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[25] EN  
[54] **BIOLOGICAL PROCESS FOR CONVERTING ORGANIC BY-PRODUCTS**  
[54] **PROCEDE BIOLOGIQUE POUR CONVERTIR DES SOUS-PRODUITS ORGANIQUES**  
[72] ROZICH, ALAN F., US  
[73] PMC BIOTEC COMPANY, US  
[85] 2012-11-09  
[86] 2011-05-10 (PCT/US2011/035854)  
[87] (WO2011/143169)  
[30] US (12/777,368) 2010-05-11  
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[13] C

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[25] EN  
[54] **GAS TURBINE ENGINE COMPRESSOR ARRANGEMENT**  
[54] **ENSEMBLE DE COMPRESSEUR POUR TURBINE A GAZ**  
[72] SUCIU, GABRIEL L., US  
[72] MERRY, BRIAN D., US  
[72] DYE, CHRISTOPHER M., US  
[72] JOHNSON, STEVEN B., US  
[72] SCHWARZ, FREDERICK M., US  
[73] UNITED TECHNOLOGIES CORPORATION, US  
[86] (2800001)  
[87] (2800001)  
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[13] C

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[25] EN  
[54] **PEPTIDE AND USE THEREOF FOR TREATMENT OF CARTILAGE DAMAGE AND ARTHRITIS**  
[54] **PEPTIDE ET UTILISATION DE CELUI-CI POUR LE TRAITEMENT DE LESION DE CARTILAGE ET DE L'ARTHRITE**  
[72] KIM, HAE JIN, KR  
[72] LEE, JE WOOK, KR  
[72] KWON, YOUNG JOON, KR  
[72] MOON, EUN JOUNG, KR  
[73] ENSOLTEK CO., LTD., KR  
[85] 2012-11-27  
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[30] KR (10-2010-0062467) 2010-06-30

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[13] C

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[25] EN  
[54] **MATERIAL REMOVAL DEVICE AND METHOD OF USE**  
[54] **DISPOSITIF DE PRELEVEMENT DE TISSU ET METHODE D'UTILISATION**  
[72] KUSLEIKA, RICHARD, US  
[73] COVIDIEN LP, US  
[86] (2801744)  
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[22] 2013-01-14  
[30] US (61/587,369) 2012-01-17

[11] **2,802,459**  
[13] C

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[25] EN  
[54] **ADJUSTABLE MOUNTING ASSEMBLY FOR AN ANTENNA MAST**  
[54] **ENSEMBLE DE MONTAGE AJUSTABLE POUR UN MAT D'ANTENNE**  
[72] FRUH, JASON, US  
[73] ECHOSTAR TECHNOLOGIES LLC, US  
[85] 2012-12-12  
[86] 2011-05-26 (PCT/US2011/038117)  
[87] (WO2011/159450)  
[30] US (12/815,006) 2010-06-14

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[13] C

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[25] EN  
[54] **METHOD AND APPARATUS FOR MULTILATERAL CONSTRUCTION AND INTERVENTION OF A WELL**  
[54] **PROCEDE ET APPAREIL POUR LA CONSTRUCTION ET L'INTERVENTION MULTILATERALES D'UN Puits**  
[72] LINN, BRYAN CHARLES, US  
[72] SPELLER, DAVID J., US  
[73] LINN, BRYAN CHARLES, US  
[73] SPELLER, DAVID J., US  
[85] 2012-12-17  
[86] 2011-06-16 (PCT/US2011/040692)  
[87] (WO2011/159890)  
[30] US (61/344,235) 2010-06-16  
[30] US (61/476,065) 2011-04-15

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[13] C

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[25] EN  
[54] **A BROADBAND MONOPOLE ANTENNA WITH DUAL RADIATING STRUCTURES**  
[54] **ANTENNE A MONOPOLE MAGNETIQUE A LARGE BANDE DOTE DE STRUCTURES RAYONNANTES DOUBLES**  
[72] AYATOLLAHI, MINA, CA  
[72] RAO, QINJIANG, CA  
[73] BLACKBERRY LIMITED, CA  
[85] 2012-12-19  
[86] 2011-06-27 (PCT/CA2011/050391)  
[87] (WO2012/000110)  
[30] US (12/825,120) 2010-06-28

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[13] C

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[25] EN  
[54] **HVAC AIR TEMPERATURE SAFETY SYSTEM**  
[54] **SYSTEME DE SECURITE DE TEMPERATURE D'AIR POUR CVCA**  
[72] ESTIBAN, MARWAN, US  
[73] RESEARCH PRODUCTS CORPORATION, US  
[86] (2803344)  
[87] (2803344)  
[22] 2013-01-18  
[30] US (61/588,816) 2012-01-20

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[11] **2,803,770**  
[13] C

[51] **Int.Cl. B01F 17/52 (2006.01) A61K 9/107 (2006.01) A61K 47/36 (2006.01)**

[25] EN

[54] **PROCESS FOR PRODUCING EMULSIFIER-PRODUCING MATERIAL, PROCESS FOR PRODUCING EMULSIFIER, EMULSIFIER FOR ORALLY ADMINISTERED COMPOSITION, AND ORALLY ADMINISTERED COMPOSITION**

[54] **PROCEDE DE PRODUCTION D'UNE MATIERE PRODUISANT UN EMULSIFIANT, PROCEDE DE PRODUCTION D'UN EMULSIFIANT, EMULSIFIANT POUR COMPOSITION A ADMINISTRATION ORALE ET COMPOSITION A ADMINISTRATION ORALE**

[72] TAJIMA, KAZUO, JP  
[72] IMAI, YOKO, JP  
[73] KANAGAWA UNIVERSITY, JP  
[85] 2012-12-21  
[86] 2011-06-07 (PCT/JP2011/063016)  
[87] (WO2011/162094)  
[30] JP (2010-142974) 2010-06-23

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[11] **2,804,091**  
[13] C

[51] **Int.Cl. F01B 13/06 (2006.01) F02B 57/08 (2006.01)**

[25] EN

[54] **INTERNAL COMBUSTION ENGINE**

[54] **MOTEUR A COMBUSTION INTERNE**

[72] OLIVER AMPUERO, LARRY SYDNEY, CL  
[73] OLIVER AMPUERO, LARRY SYDNEY, CL  
[85] 2012-12-24  
[86] 2010-07-06 (PCT/IB2010/053099)  
[87] (WO2012/004630)

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[11] **2,804,902**  
[13] C

[51] **Int.Cl. G06F 3/01 (2006.01) G06K 9/78 (2006.01) G06T 17/00 (2006.01)**

[25] EN

[54] **A METHOD CIRCUIT AND SYSTEM FOR HUMAN TO MACHINE INTERFACING BY HAND GESTURES**

[54] **PROCEDE, CIRCUIT ET SYSTEME POUR UN INTERFACAGE HUMAIN-MACHINE PAR DES GESTES DE MAIN**

[72] GIVON, DOR, IL  
[73] EXTREME REALITY LTD., IL  
[85] 2013-01-09  
[86] 2012-01-03 (PCT/IB2012/050027)  
[87] (WO2012/095756)  
[30] US (12/983,335) 2011-01-03

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[11] **2,805,719**  
[13] C

[51] **Int.Cl. F16K 27/00 (2006.01) B05B 1/22 (2006.01) E03C 1/02 (2006.01) F16K 11/02 (2006.01)**

[25] EN

[54] **WATERWAY ADAPTER**

[54] **ADAPTATEUR DE GALERIE**

[72] VEROS, MICHAEL J., US  
[72] SAILORS, TIMOTHY J., US  
[72] NELSON, ALFRED C., US  
[72] THOMAS, KURT J., US  
[73] MERCURY PLASTICS, INC., US  
[73] DELTA FAUCET COMPANY, US  
[85] 2013-01-16  
[86] 2011-07-20 (PCT/US2011/044612)  
[87] (WO2012/012487)  
[30] US (61/366,410) 2010-07-21  
[30] US (12/854,541) 2010-08-11

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[11] **2,806,744**  
[13] C

[51] **Int.Cl. E04H 12/02 (2006.01) E04H 12/04 (2006.01) E04H 12/06 (2006.01) E04H 12/10 (2006.01) F03D 11/04 (2006.01)**

[25] EN

[54] **TOWER FOR A WIND POWER PLANT AND METHOD FOR ERECTING A TOWER FOR A WIND POWER PLANT**

[54] **MAT POUR EOLIENNE ET PROCEDE PERMETTANT D'ERIGER UN MAT POUR EOLIENNE**

[72] PRASS, GREGOR, DE  
[73] TIMBER TOWER GMBH, DE  
[85] 2013-01-28  
[86] 2011-04-26 (PCT/EP2011/002076)  
[87] (WO2011/141124)  
[30] DE (10 2010 020 443.9) 2010-05-12

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[11] **2,806,849**  
[13] C

[51] **Int.Cl. F16K 17/04 (2006.01) F16K 17/06 (2006.01) F16K 27/04 (2006.01)**

[25] EN

[54] **SAFETY VALVE CONTROL SYSTEM AND METHOD OF USE**

[54] **SYSTEME DE COMMANDE DE SOUPEPE DE SURETE ET PROCEDE D'UTILISATION**

[72] LYMBEROPOULOS, DAVID, US  
[73] SAFOCO, INC., US  
[85] 2013-01-28  
[86] 2011-08-01 (PCT/US2011/046137)  
[87] (WO2012/018730)  
[30] US (61/370,721) 2010-08-04  
[30] US (61/415,238) 2010-11-18

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[11] **2,807,037**

[13] C

- [51] **Int.Cl. C02F 1/68 (2006.01)**  
[25] EN  
[54] **MICRONIZED CACO3 SLURRY INJECTION SYSTEM FOR THE REMINERALIZATION OF DESALINATED AND FRESH WATER**  
[54] **SYSTEME D'INJECTION DE BOUE CACO3 MICRONISEE POUR LA REMINERALISATION DE L'EAU DESALINISEE ET DE L'EAU DOUCE**  
[72] SKOVBY, MICHAEL, CH  
[72] POFFET, MARTINE, CH  
[72] BURI, MATTHIAS, CH  
[72] BLUM, RENE VINZENZ, CH  
[73] OMYA INTERNATIONAL AG, CH  
[85] 2013-01-29  
[86] 2011-08-10 (PCT/EP2011/063773)  
[87] (WO2012/020056)  
[30] EP (10172771.7) 2010-08-13  
[30] US (61/401,854) 2010-08-20

[11] **2,807,092**

[13] C

- [51] **Int.Cl. B65G 15/02 (2006.01)**  
[25] EN  
[54] **CURVED BELT CONVEYOR**  
[54] **CONVOYEUR CIRCULAIRE**  
[72] HAGMAIER, CHRISTIAN, DE  
[73] INTERROLL HOLDING AG, CH  
[85] 2013-01-30  
[86] 2012-04-27 (PCT/EP2012/001829)  
[87] (WO2012/146388)  
[30] DE (10 2011 100 043.0) 2011-04-29

[11] **2,808,205**

[13] C

- [51] **Int.Cl. A47C 1/032 (2006.01)**  
[25] EN  
[54] **TILT MECHANISM FOR A CHAIR AND CHAIR**  
[54] **MECANISME D'INCLINAISON POUR UNE CHAISE ET CHAISE**  
[72] COSTAGLIA, MASSIMO, IT  
[73] L&P PROPERTY MANAGEMENT COMPANY, US  
[85] 2013-02-13  
[86] 2010-08-25 (PCT/EP2010/005216)  
[87] (WO2012/025135)

[11] **2,808,269**

[13] C

- [51] **Int.Cl. B61F 5/24 (2006.01) B60G 99/00 (2010.01) B61F 5/22 (2006.01)**  
[25] EN  
[54] **VIBRATIONAL COMPONENT ACCELERATION ESTIMATION DEVICE AND VIBRATIONAL COMPONENT ACCELERATION ESTIMATION METHOD FOR RAILWAY VEHICLE**  
[54] **SYSTEME ET PROCEDE D'ESTIMATION D'ACCELERATION DE COMPOSANTES DE VIBRATION DANS UN VEHICULE FERROVIAIRE**  
[72] GOTOU, OSAMU, JP  
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP  
[85] 2013-02-13  
[86] 2011-08-22 (PCT/JP2011/004646)  
[87] (WO2012/026103)  
[30] JP (2010-188368) 2010-08-25

[11] **2,808,800**

[13] C

- [51] **Int.Cl. A01D 45/02 (2006.01)**  
[25] EN  
[54] **COMBINATION DRIVEN AND IDLER SNAP ROLLS FOR CORN HEADER**  
[54] **COMBINAISON DE ROULEAU ENTRAINE ET DE ROULEAU FOU POUR BEC CUEILLEUR A MAIS**  
[72] LOHRENTZ, RANDY, US  
[72] MATOUSEK, ROBERT, US  
[73] AGCO CORPORATION, US  
[85] 2013-02-19  
[86] 2011-08-19 (PCT/US2011/048379)  
[87] (WO2012/024565)  
[30] US (61/375,196) 2010-08-19  
[30] US (61/426,300) 2010-12-22  
[30] US (61/426,277) 2010-12-22  
[30] US (61/426,263) 2010-12-22  
[30] US (61/426,234) 2010-12-22  
[30] US (61/426,213) 2010-12-22  
[30] US (61/426,193) 2010-12-22  
[30] US (61/426,167) 2010-12-22  
[30] US (61/426,141) 2010-12-22  
[30] US (61/426,119) 2010-12-22  
[30] US (61/426,072) 2010-12-22  
[30] US (61/425,935) 2010-12-22  
[30] US (61/425,920) 2010-12-22  
[30] US (61/425,907) 2010-12-22  
[30] US (61/425,887) 2010-12-22  
[30] US (61/425,836) 2010-12-22  
[30] US (61/426,090) 2010-12-22  
[30] US (61/425,804) 2010-12-22

[11] **2,809,120**

[13] C

- [51] **Int.Cl. C07D 495/16 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **CRYSTAL OF TRICYCLIC PYRAZOLOPYRIMIDINE DERIVATIVE**  
[54] **DERIVE PYRAZOLOPYRIMIDINE TRICYCLIQUE SOUS FORME CRISTALLINE**  
[72] MATUURA, SHINJI, JP  
[72] KAJINO, HISAKI, JP  
[72] NAGAI, TOMOYUKI, JP  
[72] KOBAYASHI, KEIJIRO, JP  
[73] DAIICHI SANKYO COMPANY, LIMITED, JP  
[85] 2013-02-21  
[86] 2011-08-22 (PCT/JP2011/068890)  
[87] (WO2012/026434)  
[30] JP (2010-186514) 2010-08-23

[11] **2,809,191**

[13] C

- [51] **Int.Cl. A01J 25/00 (2006.01) A23C 19/08 (2006.01) F16J 15/447 (2006.01)**  
[25] EN  
[54] **DEVICE FOR PRODUCING PROCESSED CHEESE PORTIONS**  
[54] **DISPOSITIF DE FABRICATION DE PORTIONS DE FROMAGE FONDU**  
[72] BIGGEL, ANDREAS, DE  
[72] SCHMIDT, SEBASTIAN, DE  
[72] BECHTELER, RICHARD, DE  
[72] BURGER, JOSEF, DE  
[72] HANDERER, THOMAS, DE  
[73] HOCHLAND SE, DE  
[85] 2013-02-22  
[86] 2011-07-21 (PCT/EP2011/062494)  
[87] (WO2012/025313)  
[30] DE (10 2010 035 522.4) 2010-08-25

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[11] **2,810,737**  
[13] C  
[51] **Int.Cl. D21H 21/34 (2006.01) B27N 3/12 (2006.01) B32B 29/06 (2006.01) C09K 21/02 (2006.01) D21F 11/00 (2006.01)**  
[25] EN  
[54] **METHOD FOR FORMING A FIRE RESISTANT CELLULOSE PRODUCT, AND ASSOCIATED APPARATUS**  
[54] **PROCEDE POUR FORMER UN PRODUIT EN CELLULOSE RESISTANT AU FEU, ET APPAREIL ASSOCIE**  
[72] BAROUX, DANIEL, CA  
[73] BLH TECHNOLOGIES INC., CA  
[85] 2013-03-07  
[86] 2010-09-07 (PCT/CA2010/001353)  
[87] (WO2012/031345)

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[11] **2,810,932**  
[13] C  
[51] **Int.Cl. G01S 15/02 (2006.01) G01S 7/524 (2006.01)**  
[25] EN  
[54] **DEFOCUSING BEAMFORMER METHOD AND SYSTEM FOR A TOWED SONAR ARRAY**  
[54] **PROCEDE ET SYSTEME DE DEFOCALISATION D'UN CONFORMATEUR DE FAISCEAU POUR RESEAU SONAR REMORQUE**  
[72] BESLIN, OLIVIER, CA  
[73] ULTRA ELECTRONICS MARITIME SYSTEMS INC., CA  
[85] 2013-03-08  
[86] 2010-09-13 (PCT/CA2010/001394)  
[87] (WO2012/034205)

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[11] **2,813,876**  
[13] C  
[51] **Int.Cl. B23D 49/12 (2006.01) B27B 21/00 (2006.01)**  
[25] EN  
[54] **MULTI-PURPOSE TOOL AND TENSION MECHANISM**  
[54] **OUTIL MULTIFONCTIONNEL ET MECANISME DE TENSION**  
[72] MCDONOUGH, JAMES M., US  
[72] TRIPP, HOWARD, US  
[72] BARNES, NEAL, US  
[72] BARBER, BRIAN J., US  
[73] ZIPPO MANUFACTURING COMPANY, US  
[86] (2813876)  
[87] (2813876)  
[22] 2013-04-22  
[30] US (61/639,298) 2012-04-27  
[30] US (13/476,148) 2012-05-21

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[11] **2,814,920**  
[13] C  
[51] **Int.Cl. G01F 1/06 (2006.01)**  
[25] EN  
[54] **PADDLEWHEEL FLOW METER WITH IMPROVED SERVICABILITY AND IMPROVED RELIABILITY UNDER HARSH OPERATING CONDITIONS**  
[54] **DEBITMETRE A PALETTES A APTITUDE AU SERVICE ET FIABILITE AMELIORES DANS DES CONDITIONS D-EXPLOITATION DIFFICILES**  
[72] NELSON, DARRELL, CA  
[73] SUR-FLO METERS & CONTROLS LTD., CA  
[86] (2814920)  
[87] (2814920)  
[22] 2013-05-02

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[11] **2,814,929**  
[13] C  
[51] **Int.Cl. A61M 1/36 (2006.01)**  
[25] EN  
[54] **AN APPARATUS FOR EXTRACORPOREAL BLOOD TREATMENT**  
[54] **APPAREIL DE TRAITEMENT EXTRACORPOREL DU SANG**  
[72] SUFFRITTI, MAURO, IT  
[72] CARPANI, MICHELA, IT  
[73] GAMBRO LUNDIA AB, SE  
[85] 2013-03-22  
[86] 2011-09-08 (PCT/IB2011/002097)  
[87] (WO2012/042322)  
[30] EP (10012243.1) 2010-09-30

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[11] **2,815,331**  
[13] C  
[51] **Int.Cl. A61F 2/962 (2013.01)**  
[25] EN  
[54] **DEPLOYMENT OF ENDOLUMINAL DEVICES**  
[54] **DEPLOIEMENT DE DISPOSITIFS ENDOLUMINAUX**  
[72] NORRIS, PATRICK M., US  
[72] PETERSON, ANTHONY P., US  
[72] WALSH, STEPHANIE M., US  
[73] W. L. GORE & ASSOCIATES, INC., US  
[85] 2013-04-18  
[86] 2011-11-11 (PCT/US2011/060397)  
[87] (WO2012/065080)  
[30] US (61/412,647) 2010-11-11  
[30] US (13/293,933) 2011-11-10

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[11] **2,815,816**  
[13] C  
[51] **Int.Cl. B60R 11/04 (2006.01) B60K 37/02 (2006.01)**  
[25] EN  
[54] **WORKING VEHICLE PERIMETER MONITORING SYSTEM AND WORKING VEHICLE**  
[54] **SYSTEME DE SURVEILLANCE DE PERIPHERIE D'ENGIN DE CHANTIER ET ENGIN DE CHANTIER**  
[72] MASUTANI, EISHIN, JP  
[72] MACHIDA, MASAOMI, JP  
[72] KURIHARA, TAKESHI, JP  
[73] KOMATSU LTD., JP  
[85] 2013-03-19  
[86] 2012-10-19 (PCT/JP2012/077064)  
[87] (WO2014/045459)  
[30] JP (2012-208828) 2012-09-21

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[11] **2,816,566**  
[13] C  
[51] **Int.Cl. F03D 7/02 (2006.01)**  
[25] EN  
[54] **ADJUSTMENT DEVICE FOR ADJUSTING AN ANGLE OF INCIDENCE OF A ROTOR BLADE OF A WIND POWER PLANT**  
[54] **DISPOSITIF DE REGLAGE POUR AJUSTER L'ANGLE D'ATTAQUE D'UNE PALE DE ROTOR D'EOLIENNE**  
[72] EDEN, GEORG, DE  
[73] WOBLEN PROPERTIES GMBH, DE  
[85] 2013-04-30  
[86] 2011-11-23 (PCT/EP2011/070800)  
[87] (WO2012/069532)  
[30] DE (10 2010 052 272.4) 2010-11-23

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[11] **2,817,479**  
[13] C

[51] **Int.Cl. G09F 7/18 (2006.01) A47G 1/16 (2006.01) F16B 13/00 (2006.01)**  
[25] EN  
[54] **SPACER AND SUPPORT ASSEMBLY FOR WALL MOUNTED SIGNS**  
[54] **ENSEMBLE DISPOSITIF D'ESPACEMENT ET SUPPORT POUR PANNEAUX NURAUX**  
[72] BEDNARSKI, ROBERT J., US  
[73] GEMINI, INCORPORATED, US  
[86] (2817479)  
[87] (2817479)  
[22] 2013-05-31  
[30] US (13/618,667) 2012-09-14

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[11] **2,817,649**  
[13] C

[51] **Int.Cl. B65D 19/38 (2006.01)**  
[25] EN  
[54] **AUXILIARY TRANSPORT UNIT AND METHOD FOR USE THEREOF**  
[54] **DISPOSITIF AUXILIAIRE DE TRANSPORT ET DISPOSITIF D'UTILISATION DE CELUI-CI**  
[72] MAIWORM, FRANK, DE  
[72] VAN DOORN, GLENN, NL  
[72] VERSTAPPEN, FRANS, NL  
[72] DEN BESTEN, PETER, NL  
[73] @VANCE B.V., NL  
[85] 2013-05-10  
[86] 2011-05-24 (PCT/EP2011/002577)  
[87] (WO2012/062381)  
[30] DE (10 2010 051 236.2) 2010-11-12  
[30] DE (10 2011 008 019.8) 2011-01-05

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[11] **2,818,019**  
[13] C

[51] **Int.Cl. F03D 7/00 (2006.01)**  
[25] EN  
[54] **WIND TURBINE ROTOR CONTROL**  
[54] **COMMANDE DE ROTOR POUR TURBINE EOLIENNE**  
[72] SCHOLTE-WASSINK, HARTMUT, DE  
[73] GENERAL ELECTRIC COMPANY, US  
[86] (2818019)  
[87] (2818019)  
[22] 2013-06-06  
[30] US (13/517,868) 2012-06-14

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[11] **2,818,041**  
[13] C

[51] **Int.Cl. C13K 1/02 (2006.01) C08H 8/00 (2010.01) C13K 1/06 (2006.01)**  
[25] EN  
[54] **METHOD FOR THE ACID-CATALYZED DEPOLYMERIZATION OF CELLULOSE**  
[54] **PROCEDE DE DEPOLYMERISATION DE CELLULOSE, CATALYSEE PAR DE L'ACIDE**  
[72] SCHUETH, FERDI, DE  
[72] RINALDI, ROBERTO, DE  
[72] MEINE, NIKLAS, DE  
[73] STUDIENGESELLSCHAFT KOHLE MBH, DE  
[85] 2013-05-15  
[86] 2011-11-22 (PCT/DE2011/075282)  
[87] (WO2012/097781)  
[30] DE (10 2010 052 602.9) 2010-11-25  
[30] DE (10 2011 012 102.1) 2011-02-23

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[11] **2,818,297**  
[13] C

[51] **Int.Cl. C23C 2/06 (2006.01) C23C 2/12 (2006.01) C23C 8/14 (2006.01) C23C 8/18 (2006.01) C23C 28/00 (2006.01)**  
[25] EN  
[54] **HOT-DIP AL-ZN COATED STEEL SHEET**  
[54] **TOLE EN ACIER PLAQUEE PAR IMMERSION A CHAUD A BASE D'AL-ZN**  
[72] YOSHIDA, MASAHIRO, JP  
[72] NAKAMARU, HIROKI, JP  
[73] JFE STEEL CORPORATION, JP  
[85] 2013-05-16  
[86] 2011-11-25 (PCT/JP2011/077882)  
[87] (WO2012/070695)  
[30] JP (2010-263211) 2010-11-26

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[11] **2,818,949**  
[13] C

[51] **Int.Cl. H04W 4/00 (2009.01) H04W 4/24 (2009.01) H04W 12/00 (2009.01) G06Q 20/16 (2012.01) G06Q 20/32 (2012.01) G06Q 50/12 (2012.01)**  
[25] EN  
[54] **MOBILE COMPUTING BASED CENTRALIZED MENU SYSTEM**  
[54] **SYSTEME DE MENU CENTRALISE BASE SUR L'INFORMATIQUE MOBILE**  
[72] HUTCHERSON, ROBERT CLAY, CA  
[73] BINNJ, INC., CA  
[85] 2013-05-24  
[86] 2011-11-25 (PCT/CA2011/050734)  
[87] (WO2012/068689)  
[30] US (12/954,780) 2010-11-26

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[11] **2,819,267**  
[13] C

[51] **Int.Cl. D01F 4/00 (2006.01) D01D 5/08 (2006.01) D01F 1/02 (2006.01) D01F 4/04 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRODUCING MILK PROTEIN FIBERS AND MILK PROTEIN FIBER PRODUCTS OBTAINED THEREFROM**  
[54] **PROCEDE DE FABRICATION DE FIBRES DE PROTEINE DE LAIT ET PRODUITS A BASE DE FIBRES DE PROTEINE DE LAIT OBTENUS PAR CE PROCEDE**  
[72] DOMASKE, ANKE, DE  
[73] QMILCH IP GMBH, DE  
[85] 2013-05-29  
[86] 2011-12-15 (PCT/EP2011/006340)  
[87] (WO2012/079760)  
[30] DE (10 2010 054 661.5) 2010-12-15

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[11] **2,819,658**  
[13] C

[51] **Int.Cl. G01V 8/10 (2006.01) E21B 47/00 (2012.01) G01V 8/16 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **INTERPRETATION OF REAL TIME CASING IMAGE (RTCI) DATA INTO 3D TUBULAR DEFORMATION IMAGE**

[54] **INTERPRETATION DE DONNEES D'IMAGES DE TUBAGE EN TEMPS REEL (RTCI) EN IMAGE 3D DE DEFORMATION DE MATERIEL TUBULAIRE**

[72] CHEN, JIANFENG, US  
[72] YANG, XUDONG, US  
[72] THIGPEN, BRIAN, US  
[72] CHILDERS, BROOKS A., US  
[73] BAKER HUGHES INCORPORATED, US

[85] 2013-05-31  
[86] 2011-11-03 (PCT/US2011/059124)  
[87] (WO2012/074666)  
[30] US (12/959,862) 2010-12-03

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[11] **2,820,046**  
[13] C

[51] **Int.Cl. B01L 3/00 (2006.01) B01F 5/06 (2006.01) B01F 13/00 (2006.01) G01N 15/14 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD USING ANTI-ADSORPTION AGENT TO FACILITATE SAMPLE MIXING AND ANALYSIS**

[54] **APPAREIL ET PROCEDE UTILISANT UN AGENT ANTI-ADSORPTION POUR FACILITER LE MELANGE ET L'ANALYSE D'ECHANTILLONS**

[72] LALPURIA, NITEN V., IN  
[72] UNFRICHT, DARRYN W., US  
[72] NIKONOROV, IGOR, US  
[72] PORTS, BENJAMIN, US  
[72] OLSON, DOUGLAS R., US  
[73] ABBOTT POINT OF CARE, INC., US

[85] 2013-06-04  
[86] 2011-12-08 (PCT/US2011/063981)  
[87] (WO2012/078896)  
[30] US (61/421,451) 2010-12-09

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[11] **2,820,298**  
[13] C

[51] **Int.Cl. B21B 45/02 (2006.01) B21B 13/14 (2006.01) B21B 27/10 (2006.01) B21B 39/14 (2006.01) B21B 39/16 (2006.01)**

[25] EN

[54] **COOLING SYSTEM FOR HOT-ROLLED STEEL STRIP**

[54] **DISPOSITIF DE REFROIDISSEMENT DE BANDE D'ACIER LAMINE A CHAUD**

[72] MATSUMOTO, KOICHI, JP  
[72] IKEMOTO, YUJI, JP  
[72] HARAGUCHI, YOICHI, JP  
[72] KOBAYASHI, KAZUAKI, JP  
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2013-03-20  
[86] 2011-09-05 (PCT/JP2011/070107)  
[87] (WO2012/039270)  
[30] JP (2010-211538) 2010-09-22

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[11] **2,820,553**  
[13] C

[51] **Int.Cl. H04N 19/513 (2014.01) H04N 19/593 (2014.01) H04N 19/94 (2014.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR ENCODING/DECODING MOTION VECTOR**

[54] **PROCEDE ET APPAREIL POUR L'ENCODAGE/DECODAGE D'UN VECTEUR MOUVEMENT**

[72] LEE, TAMMY, KR  
[72] HAN, WOO-JIN, KR  
[72] LEE, KYO-HYUK, KR  
[73] SAMSUNG ELECTRONICS CO., LTD., KR

[86] (2820553)  
[87] (2820553)  
[22] 2010-08-13  
[62] 2,768,182  
[30] KR (10-2009-0074896) 2009-08-13

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[11] **2,820,682**  
[13] C

[51] **Int.Cl. B29C 70/02 (2006.01) B29C 70/30 (2006.01) B64C 1/00 (2006.01) B64F 5/00 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM TO REDUCE POROSITY IN COMPOSITE STRUCTURES**

[54] **PROCEDE ET SYSTEME POUR REDUIRE LA POROSITE DANS LES STRUCTURES COMPOSITES**

[72] HUMFELD, KEITH DANIEL, US  
[73] THE BOEING COMPANY, US

[86] (2820682)  
[87] (2820682)  
[22] 2013-06-20  
[30] US (13/602,096) 2012-08-31

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[11] **2,820,762**  
[13] C

[51] **Int.Cl. F03B 11/06 (2006.01) F16C 17/04 (2006.01) F16C 17/14 (2006.01)**

[25] FR

[54] **BEARING ASSEMBLY FOR A MARINE TURBINE SHAFT, AND MARINE TURBINE INCLUDING SUCH A BEARING ASSEMBLY**

[54] **ENSEMBLE DE PALIER POUR ARBRE D'HYDROLIENNE ET HYDROLIENNE COMPRENANT UN TEL ENSEMBLE DE PALIER**

[72] BERTEA, JEAN-FRANCOIS, FR  
[73] ALSTOM RENEWABLE TECHNOLOGIES, FR

[85] 2013-06-07  
[86] 2010-12-09 (PCT/FR2010/052660)  
[87] (WO2012/076762)

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[11] **2,822,597**  
[13] C

[51] **Int.Cl. C23C 16/42 (2006.01) B65D 1/00 (2006.01) B65D 23/02 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRODUCING GAS BARRIER PLASTIC MOLDED BODY**  
[54] **PROCEDE DE PRODUCTION D'UN CORPS MOULE EN PLASTIQUE DE BARRIERE CONTRE LES GAZ**  
[72] NAKAYA, MASAKI, JP  
[72] TAKIGUCHI, MIDORI, JP  
[72] SHIMIZU, MARI, JP  
[72] SATO, AIKO, JP  
[72] TABUCHI, HIROYASU, JP  
[72] MATSUI, EITARO, JP  
[73] KIRIN BEER KABUSHIKI KAISHA, JP  
[85] 2013-06-20  
[86] 2011-12-28 (PCT/JP2011/080399)  
[87] (WO2012/091095)  
[30] JP (2010-293651) 2010-12-28

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[11] **2,823,253**  
[13] C

[51] **Int.Cl. A63H 33/08 (2006.01)**  
[25] EN  
[54] **ILLUMINANT BUILDING BLOCK KIT WITH ELECTRIC CONNECTION STRUCTURE AND ITS POWER SUPPLY SEAT**  
[54] **ENSEMBLE DE BLOC DE CONSTRUCTION ECLAIRANT COMPORTANT UNE STRUCTURE DE CONNEXION ELECTRIQUE ET SON SIEGE D'ALIMENTATION**  
[72] LIN, CHIA-YEN, CN  
[73] LIN, CHIA-YEN, CN  
[85] 2013-06-27  
[86] 2010-12-31 (PCT/CN2010/080570)  
[87] (WO2012/088704)

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[11] **2,823,590**  
[13] C

[51] **Int.Cl. C01B 33/107 (2006.01)**  
[25] EN  
[54] **PROCESS FOR HYDROGENATING SILICON TETRACHLORIDE TO TRICHLOROSILANE**  
[54] **PROCEDE D'HYDROGENATION DU TETRACHLORURE DE SILICIUM POUR PRODUIRE DU TRICHLOROSILANE**  
[72] HAECKL, WALTER, DE  
[72] ELLINGER, NORBERT, DE  
[72] HIRSCHMANN, ANDREAS, DE  
[72] KAHLER, MARKUS, DE  
[72] PAETZOLD, UWE, DE  
[73] WACKER CHEMIE AG, DE  
[86] (2823590)  
[87] (2823590)  
[22] 2013-08-13  
[30] DE (10 2012 218 741.3) 2012-10-15

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[11] **2,824,702**  
[13] C

[51] **Int.Cl. B62D 21/02 (2006.01)**  
[25] EN  
[54] **CLAMP ATTACHMENT OF SUSPENSION HANGER TO ALUMINUM FLATBED FRAME**  
[54] **FIXATION A PINCE POUR SUPPORT SUSPENDU A UN CADRE DE PLATEFORME EN ALUMINIUM**  
[72] REITNOUER, MILES A., US  
[73] REITNOUER, MILES A., US  
[86] (2824702)  
[87] (2824702)  
[22] 2013-08-23  
[30] US (13/926,425) 2013-06-25

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[11] **2,825,560**  
[13] C

[51] **Int.Cl. B63H 5/10 (2006.01) B63H 23/24 (2006.01)**  
[25] EN  
[54] **ARRANGEMENT FOR STEERING A SHIP AND FOR SUPPLYING POWER TO ITS PROPULSION SYSTEM**  
[54] **DISPOSITIF POUR DIRIGER UN NAVIRE ET ALIMENTER SON SYSTEME DE PROPULSION EN ENERGIE**  
[72] KOKKILA, KIMMO, FI  
[73] ABB OY, FI  
[85] 2013-07-24  
[86] 2012-01-31 (PCT/EP2012/051561)  
[87] (WO2012/104303)  
[30] EP (11152721.4) 2011-01-31

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[11] **2,825,713**  
[13] C

[51] **Int.Cl. C02F 1/469 (2006.01) C02F 1/04 (2006.01) C02F 1/42 (2006.01) C02F 1/44 (2006.01) F16B 1/00 (2006.01) F16B 5/02 (2006.01) F28F 3/08 (2006.01) F28F 9/02 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR COMPRESSION OF A STACK AND FOR A WATER TREATMENT SYSTEM**  
[54] **APPAREIL DE COMPRESSION DES ELEMENTS D'UNE PILE ET POUR SYSTEME DE TRAITEMENT DES EAUX**  
[72] SPARROW, BENJAMIN STUART, CA  
[72] ZOSHI, JOSHUA ANIKET, CA  
[72] TANG, JAMES HING BONG, CA  
[72] KIM, KYUNGBAEK, CA  
[73] SALTWORKS TECHNOLOGIES INC., CA  
[86] (2825713)  
[87] (2825713)  
[22] 2012-10-17  
[62] 2,792,516

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[11] **2,826,425**  
[13] C

[51] **Int.Cl. A24B 15/30 (2006.01) C11B 9/00 (2006.01)**

[25] EN

[54] **METHOD FOR PREPARING FLAVOR-CONTAINING SHEET FOR SMOKING ARTICLE, FLAVOR-CONTAINING SHEET FOR SMOKING ARTICLE PREPARED BY THE METHOD, AND SMOKING ARTICLE COMPRISING THE SAME**

[54] **PROCEDE POUR PRODUIRE UNE FEUILLE CONTENANT UN PARFUM CONCUE POUR UN ARTICLE POUR FUMEUR, FEUILLE CONTENANT UN PARFUM CONCUE POUR UN ARTICLE POUR FUMEUR PRODUITE AU MOYEN DE CE PROCEDE ET ARTICLE POUR FUMEUR COMPORTANT CETTE FEUILLE**

[72] TANAKA, YASUO, JP  
[72] KUSAKABE, TATSUYA, JP  
[73] JAPAN TOBACCO INC., JP  
[85] 2013-08-01  
[86] 2012-02-27 (PCT/JP2012/054827)  
[87] (WO2012/118033)  
[30] JP (2011-045290) 2011-03-02

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[11] **2,827,539**  
[13] C

[51] **Int.Cl. C22C 21/00 (2006.01) B22D 23/02 (2006.01) B22D 25/02 (2006.01)**

[25] EN

[54] **ALUMINUM ALLOY FOR VEHICLE AND WHEEL FOR MOTORCYCLE**

[54] **ALLIAGE D'ALUMINIUM POUR VEHICULE ET ROUE POUR MOTOCYLETTE**

[72] AGATA, MASAKI, JP  
[72] TAKAHASHI, KYO, JP  
[72] SUZUKI, TOSHIMITSU, JP  
[73] HONDA MOTOR CO., LTD., JP  
[86] (2827539)  
[87] (2827539)  
[22] 2013-09-18  
[30] JP (2012-213967) 2012-09-27

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[11] **2,828,397**  
[13] C

[51] **Int.Cl. C07D 491/10 (2006.01) A01N 43/80 (2006.01)**

[25] EN

[54] **SPIROCYCLIC ISOXAZOLINE DERIVATIVES AS ANTIPARASITIC AGENTS**

[54] **DERIVES D'ISOXAZOLINES SPIROCYCLIQUES A TITRE D'AGENTS ANTIPARASITAIRES**

[72] BILLEN, DENIS, US  
[72] CHUBB, NATHAN ANTHONY LOGAN, US  
[72] CURTIS, MICHAEL, US  
[72] GREENWOOD, SEAN D.W., US  
[72] MENON, SANJAY, US  
[72] STUK, TIMOTHY, US  
[72] VAILLANCOURT, VALERIE A., US  
[73] ZOETIS SERVICES LLC, US  
[85] 2013-08-27  
[86] 2012-02-23 (PCT/IB2012/050842)  
[87] (WO2012/120399)  
[30] US (61/451,256) 2011-03-10  
[30] US (61/489,913) 2011-05-25  
[30] US (61/490,804) 2011-05-27

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[11] **2,828,658**  
[13] C

[51] **Int.Cl. B63H 21/38 (2006.01)**

[25] EN

[54] **SHIP**

[54] **BATEAU**

[72] ROHDEN, ROLF, DE  
[73] WOBLEN PROPERTIES GMBH, DE  
[85] 2013-08-29  
[86] 2012-03-15 (PCT/EP2012/054570)  
[87] (WO2012/123547)  
[30] DE (10 2011 005 588.6) 2011-03-15

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[11] **2,828,781**  
[13] C

[51] **Int.Cl. E21B 43/20 (2006.01) C09K 8/584 (2006.01) E21B 43/22 (2006.01)**

[25] EN

[54] **OIL RECOVERY PROCESS FOR CARBONATE RESERVOIRS**

[54] **PROCEDE DE RECUPERATION DE PETROLE POUR RESERVOIRS CARBONATES**

[72] AL-YOUSEF, ALI ABDULLAH, SA  
[72] HAN, MING, SA  
[72] AL-SALEH, SALAH HAMAD, SA  
[73] SAUDI ARABIAN OIL COMPANY, SA  
[85] 2013-08-29  
[86] 2012-03-12 (PCT/US2012/028739)  
[87] (WO2012/125539)  
[30] US (61/453,329) 2011-03-16

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[11] **2,828,887**  
[13] C

[51] **Int.Cl. E04D 11/00 (2006.01) E04B 7/00 (2006.01) E04D 15/00 (2006.01)**

[25] EN

[54] **INTERFACE BRACKET FOR ATTACHMENT OF RECYCLABLE VESSELS AND ROOFING MATERIAL MADE USING SAME**

[54] **SUPPORT D'INTERFACE POUR LA FIXATION DE RECIPIENTS RECYCLABLES ET MATERIAU DE TOITURE FABRIQUE EN L'UTILISANT**

[72] VAN NEST, JASON, US  
[72] GANDHI, FARZANA, US  
[72] BERTOMEN, MICHELLE, US  
[73] NEW YORK INSTITUTE OF TECHNOLOGY, US  
[85] 2013-08-30  
[86] 2012-03-06 (PCT/US2012/027863)  
[87] (WO2012/122164)  
[30] US (61/464,706) 2011-03-07

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[11] **2,828,931**  
[13] C

[51] **Int.Cl. C12N 15/82 (2006.01)**

[25] EN

[54] **REGULATORY REGIONS PREFERENTIALLY EXPRESSING IN NON-POLLEN PLANT TISSUE**

[54] **REGIONS DE REGULATION S'EXPRIMANT PREFERENTIELLEMENT DANS DES TISSUS VEGETAUX NON POLLINIQUES**

[72] HELD, BRUCE, US  
[72] SEKAR, VAITHILINGAM, US  
[72] EBY, JANELL, US  
[72] LEWNAU, CAROL, US  
[72] PERKINS, PENNY, US  
[73] MS TECHNOLOGIES LLC, US  
[85] 2013-09-03  
[86] 2012-03-07 (PCT/US2012/028040)  
[87] (WO2012/128946)  
[30] US (13/051,358) 2011-03-18

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[11] **2,830,685**  
[13] C

[51] **Int.Cl. B65H 75/30 (2006.01) A47K 10/38 (2006.01) B65D 59/02 (2006.01) B65H 16/06 (2006.01) B65H 75/14 (2006.01)**

[25] EN

[54] **END PLUG FOR A ROLL OF MATERIAL, ROLL OF MATERIAL AND RETENTION MECHANISM IN A DISPENSER**

[54] **BOUCHON D'EXTREMITE POUR ROULEAU DE MATERIAU, ROULEAU DE MATERIAU ET MECANISME DE RETENUE DANS UN DISTRIBUTEUR**

[72] LIND, MATS, SE  
[72] POMMER, STIG, SE  
[72] LARSSON, BJORN, SE  
[72] KULLMAN, MARCUS, SE  
[72] SALAKER, ALLAN, SE  
[72] UNGER, HELMUT, DE  
[73] SCA HYGIENE PRODUCTS AB, SE  
[86] (2830685)  
[87] (2830685)  
[22] 2006-10-25  
[62] 2,630,646  
[30] EP (05026712.9) 2005-12-07

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[11] **2,831,048**  
[13] C

[51] **Int.Cl. F16M 13/04 (2006.01) A45F 5/00 (2006.01) A47G 1/24 (2006.01) F16M 11/00 (2006.01) G06F 1/16 (2006.01)**

[25] EN

[54] **PORTABLE COMPUTER SUPPORT**

[54] **SUPPORT D'ORDINATEUR PORTATIF**

[72] KIELLAND, PETER J., CA  
[73] KIELLAND, PETER J., CA  
[85] 2013-10-11  
[86] 2012-04-05 (PCT/CA2012/000342)  
[87] (WO2012/139198)  
[30] CA (2,736,642) 2011-04-11  
[30] CA (2,740,909) 2011-05-17  
[30] CA (2,759,096) 2011-11-21

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[11] **2,836,220**  
[13] C

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 7/02 (2006.01) G06F 15/18 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR MATCHING RECORDS AND NORMALIZING NAMES**

[54] **PROCEDES ET SYSTEMES POUR LA MISE EN CORRESPONDANCE D'ENREGISTREMENTS ET LA NORMALISATION DE NOMS**

[72] ZHANG, LING QIN, US  
[72] WASSON, MARK, US  
[72] TEMPLAR, VALENTINA, US  
[73] LEXISNEXIS GROUP, US  
[86] (2836220)  
[87] (2836220)  
[22] 2010-01-14  
[62] 2,750,609  
[30] US (12/363,057) 2009-01-30

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[11] **2,838,199**  
[13] C

[51] **Int.Cl. F25B 21/02 (2006.01) F25D 11/00 (2006.01)**

[25] EN

[54] **THERMOELECTRIC COOLING SYSTEM FOR A FOOD AND BEVERAGE COMPARTMENT**

[54] **SYSTEME DE REFROIDISSEMENT THERMOELECTRIQUE POUR UN COMPARTIMENT D'ALIMENT ET DE BOISSON**

[72] LU, QIAO, US  
[73] B/E AEROSPACE, INC., US  
[85] 2013-12-03  
[86] 2012-06-06 (PCT/US2012/041148)  
[87] (WO2012/170570)  
[30] US (61/494,197) 2011-06-07

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[11] **2,839,490**  
[13] C

[51] **Int.Cl. H04R 3/00 (2006.01) H01R 31/06 (2006.01)**

[25] EN

[54] **AUDIO SIGNAL RECEIVING DEVICE, AUDIO SIGNAL ADAPTER DEVICE AND SYSTEM FOR TRANSMITTING AUDIO SIGNAL**

[54] **DISPOSITIF RECEPTEUR DE SIGNAL AUDIO, DISPOSITIF ADAPTATEUR DE SIGNAL AUDIO ET SYSTEME DE TRANSMISSION DE SIGNAL AUDIO**

[72] LI, DONGSHENG, CN  
[73] TENDYRON CORPORATION, CN  
[85] 2013-12-16  
[86] 2012-06-15 (PCT/CN2012/077043)  
[87] (WO2012/171497)  
[30] CN (201110161129.7) 2011-06-15

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[11] **2,840,308**  
[13] C

[51] **Int.Cl. B62D 55/26 (2006.01)**

[25] EN

[54] **MOBILE MACHINE TRACK SHOE**

[54] **SABOT DE CHENILLE POUR UNE MACHINE MOBILE**

[72] MEYER, ROBERT LEE, US  
[72] DIEKEVERS, MARK STEVEN, US  
[72] KAUFMANN, GREGORY JEROME, US  
[72] ULRICH, WILLIAM JAY, IV, US  
[73] CATERPILLAR INC., US  
[85] 2013-12-23  
[86] 2012-06-19 (PCT/US2012/043044)  
[87] (WO2013/003103)  
[30] US (13/173,982) 2011-06-30

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[11] **2,840,348**  
[13] C

[51] **Int.Cl. E21B 43/10 (2006.01) B21D 39/20 (2006.01) E21B 33/124 (2006.01)**

[25] EN

[54] **TUBULAR EXPANSION METHOD**

[54] **METHODE D'EXPANSION TUBULAIRE**

[72] MCMAHAN, MICHAEL E., US  
[72] ROSENBLATT, STEVE, US  
[73] BAKER HUGHES INCORPORATED, US  
[86] (2840348)  
[87] (2840348)  
[22] 2003-07-31  
[62] 2,645,400  
[30] US (60/403,002) 2002-08-13

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[11] **2,840,722**  
[13] C

[51] **Int.Cl. B02C 18/18 (2006.01)**  
[25] EN  
[54] **MATERIAL REDUCTION MACHINE**  
[54] **MACHINE DE REDUCTION DE MATIERE**  
[72] PETERSON, ARNOLD NEIL, US  
[72] HARNESS, BRADLEY SIMON, US  
[73] ASTEC INDUSTRIES, INC., US  
[85] 2013-12-30  
[86] 2012-06-18 (PCT/US2012/042896)  
[87] (WO2013/006258)  
[30] US (61/571,873) 2011-07-07

[11] **2,842,864**  
[13] C

[51] **Int.Cl. A01N 45/02 (2006.01) A01N 43/40 (2006.01) A01P 3/00 (2006.01)**  
[25] EN  
[54] **FUNGICIDAL COMPOSITIONS COMPRISING A 3-SUBSTITUED 1-METHYL-1H-PYRAZOLE-4-CARBOXYLIC ACID (9-DIHALOMETHYLIDENE-BENZONORBORNENE-5-YL) AMIDE AND A SECOND FUNGICIDE**  
[54] **COMPOSITIONS FONGICIDES COMPRENANT (9-DIHALOMETHYLIDENE-BENZONORBORNENE-5-YL) AMIDE DE L'ACIDE 1-METHYL-1H-PYRAZOLE-4-CARBOXYLIQUE 3-SUBSTITUE ET UN DEUXIEME FONGICIDE**  
[72] TOBLER, HANS, CH  
[72] WALTER, HARALD, CH  
[72] HAAS, ULRICH JOHANNES, CH  
[73] SYNGENTA PARTICIPATIONS AG, CH  
[86] (2842864)  
[87] (2842864)  
[22] 2008-04-23  
[62] 2,682,983  
[30] EP (07008370.4) 2007-04-25

[11] **2,844,073**  
[13] C

[51] **Int.Cl. A61K 9/14 (2006.01) A61K 31/045 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01)**  
[25] EN  
[54] **POLICOSANOL NANOPARTICLES**  
[54] **POLICOSANOL NANOPARTICULES DE POLICOSANOL**  
[72] RAGHAVAN, PALAYAKOTAI R., US  
[73] NANORX, INC., US  
[85] 2014-02-03  
[86] 2011-08-16 (PCT/US2011/047951)  
[87] (WO2012/027159)  
[30] US (61/376,194) 2010-08-23  
[30] US (61/376,645) 2010-08-24

[11] **2,844,257**  
[13] C

[51] **Int.Cl. B29C 45/40 (2006.01)**  
[25] EN  
[54] **A STRIPPER SLEEVE**  
[54] **MANCHON DECROCHEUR**  
[72] SCHMID, MARKUS, AT  
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA  
[85] 2014-02-05  
[86] 2012-07-25 (PCT/CA2012/050500)  
[87] (WO2013/029167)  
[30] US (61/528,803) 2011-08-30

[11] **2,844,271**  
[13] C

[51] **Int.Cl. F24H 1/20 (2006.01) F24H 9/00 (2006.01)**  
[25] EN  
[54] **MULTI-PASS FLUE-TYPE WATER HEATER**  
[54] **CHAUFFE-EAU A RENDEMENT ELEVE**  
[72] GORDON, MICHAEL, US  
[72] SCOTT, TIMOTHY D., US  
[72] SUTHERLAND, JASON, US  
[72] STAFFORD, CHRISTOPHER, US  
[72] CAMPBELL, ROSS, US  
[73] BRADFORD WHITE CORPORATION, US  
[86] (2844271)  
[87] (2844271)  
[22] 2003-06-03  
[62] 2,430,807  
[30] US (60/385,595) 2002-06-04  
[30] US (10/374,605) 2003-02-26

[11] **2,849,212**  
[13] C

[51] **Int.Cl. H04N 5/355 (2011.01) A01J 5/017 (2006.01) G01B 11/00 (2006.01) G06T 7/60 (2006.01) H04N 13/02 (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  
[73] TECHNOLOGIES HOLDINGS CORP., US  
[86] (2849212)  
[87] (2849212)  
[22] 2012-04-27  
[62] 2,775,395  
[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

[11] **2,850,094**  
[13] C

[51] **Int.Cl. C23C 2/06 (2006.01) B21B 3/00 (2006.01) C21D 9/46 (2006.01) C22C 18/04 (2006.01) C22C 38/00 (2006.01) C22C 38/06 (2006.01) C22C 38/58 (2006.01)**  
[25] EN  
[54] **HIGH-STRENGTH HOT-DIP GALVANIZED STEEL SHEET**  
[54] **FEUILLE D'ACIER GALVANISEE PAR IMMERSION A CHAUD A HAUTE RESISTANCE**  
[72] YAMANAKA, SHINTARO, JP  
[72] FUJITA, SOSHI, JP  
[72] SATO, KOICHI, JP  
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP  
[85] 2014-03-26  
[86] 2012-09-28 (PCT/JP2012/075203)  
[87] (WO2013/047812)  
[30] JP (2011-217146) 2011-09-30

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[11] **2,850,225**

[13] C

- [51] **Int.Cl. F02K 3/06 (2006.01) F02C 3/04 (2006.01)**  
[25] EN  
[54] **GAS TURBINE ENGINE COMPRESSOR ARRANGEMENT**  
[54] **AGENCEMENT DE COMPRESSEUR DE MOTEUR A TURBINE A GAZ**  
[72] HASEL, KARL L., US  
[72] STAUBACH, JOSEPH B., US  
[72] MERRY, BRIAN D., US  
[72] SUCIU, GABRIEL L., US  
[72] DYE, CHRISTOPHER M., US  
[73] UNITED TECHNOLOGIES CORPORATION, US  
[85] 2014-03-26  
[86] 2012-12-26 (PCT/US2012/071614)  
[87] (WO2013/101805)  
[30] US (13/337,354) 2011-12-27  
[30] US (61/604,646) 2012-02-29

[11] **2,852,004**

[13] C

- [51] **Int.Cl. E21B 47/10 (2012.01) E21B 47/04 (2012.01) E21B 47/09 (2012.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS OF FORMATION DENSITY MEASUREMENTS IN THE PRESENCE OF INVASION OF DRILLING FLUIDS**  
[54] **PROCEDES ET SYSTEMES DE MESURES DE DENSITE DE FORMATION EN PRESENCE DE L'INVASION DE FLUIDES DE FORAGE**  
[72] MOAKE, GORDON L., US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2014-04-11  
[86] 2012-08-20 (PCT/US2012/051525)  
[87] (WO2013/062665)  
[30] US (13/282,270) 2011-10-26

[11] **2,853,849**

[13] C

- [51] **Int.Cl. C12N 15/09 (2006.01) A23L 1/30 (2006.01) A61K 8/36 (2006.01) A61K 8/37 (2006.01) A61K 31/19 (2006.01) A61K 31/22 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 9/02 (2006.01) C12P 7/64 (2006.01)**  
[25] EN  
[54] **PROTEIN EXHIBITING FATTY ACID ELONGATION PROMOTING ACTIVITY, GENE ENCODING SAME AND USE THEREOF**  
[54] **PROTEINE PRESENTANT UNE ACTIVITE DE PROMOTION DE L'ELONGATION D'ACIDE GRAS, GENE CODANT LADITE PROTEINE ET SON UTILISATION**  
[72] OCHIAI, MISA, JP  
[73] SUNTORY HOLDINGS LIMITED, JP  
[85] 2014-02-04  
[86] 2012-08-03 (PCT/JP2012/069792)  
[87] (WO2013/018879)  
[30] JP (2011-171044) 2011-08-04

[11] **2,854,274**

[13] C

- [51] **Int.Cl. G08G 1/09 (2006.01) B60W 30/14 (2006.01) G01C 21/28 (2006.01) G05D 1/02 (2006.01) G08G 1/13 (2006.01)**  
[25] EN  
[54] **AUTONOMOUS TRAVEL SYSTEM**  
[54] **SYSTEME DE DEPLACEMENT AUTONOME**  
[72] BANDO, MIKIO, JP  
[72] KAWAMATA, YUKIHIRO, JP  
[73] HITACHI, LTD., JP  
[85] 2014-05-01  
[86] 2011-11-09 (PCT/JP2011/006248)  
[87] (WO2013/069054)

[11] **2,856,932**

[13] C

- [51] **Int.Cl. A61B 5/103 (2006.01) A61B 5/00 (2006.01) G06T 7/00 (2006.01)**  
[25] EN  
[54] **DEVICES AND METHODS FOR IDENTIFYING AND MONITORING CHANGES OF A SUSPECT AREA ON A PATIENT**  
[54] **DISPOSITIFS ET PROCEDES POUR IDENTIFIER ET SURVEILLER LES CHANGEMENTS INTERVENANT DANS UNE REGION SUSPECTE D'UN PATIENT**  
[72] CHRISTIANSEN, WILLIAM T., II, US  
[72] STEINMETZER, ERIC R., US  
[72] TORELLI, JAMES E., US  
[73] DERMASPECT LLC, US  
[86] (2856932)  
[87] (2856932)  
[22] 2006-01-19  
[62] 2,595,239  
[30] US (60/645,538) 2005-01-19

[11] **2,857,481**

[13] C

- [51] **Int.Cl. H04B 7/04 (2006.01) H04J 11/00 (2006.01)**  
[25] EN  
[54] **COORDINATED MULTIPOINT TRANSMISSION AND RECEPTION (COMP)**  
[54] **EMISSION ET RECEPTION MULTIPOINT COORDONNEES (COMP)**  
[72] YUE, GUOSEN, US  
[72] PRASAD, NARAYAN, US  
[72] JIANG, MEILONG, US  
[72] RANGARAJAN, SAMPATH, US  
[73] NEC CORPORATION, JP  
[85] 2014-05-20  
[86] 2013-07-25 (PCT/US2013/052067)  
[87] (WO2014/018756)  
[30] US (61/675,541) 2012-07-25  
[30] US (61/678,882) 2012-08-02  
[30] US (61/683,263) 2012-08-15  
[30] US (61/706,301) 2012-09-27  
[30] US (61/706,752) 2012-09-27

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[11] **2,857,763**  
[13] C

[51] **Int.Cl. E21B 43/24 (2006.01) E21B 17/00 (2006.01) E21B 17/20 (2006.01) E21B 36/04 (2006.01)**

[25] EN

[54] **RF APPLICATOR HAVING A BENDABLE TUBULAR DIELECTRIC COUPLER AND RELATED METHODS**

[54] **APPLICATEUR RF POSSEDANT UN COUPLEUR DIELECTRIQUE TUBULAIRE FLEXIBLE, ET PROCEDES CONNEXES**

[72] WRIGHT, BRIAN, US  
[72] HANN, MURRAY, US  
[72] HEWIT, RAYMOND, US  
[73] HARRIS CORPORATION, US  
[85] 2014-05-30  
[86] 2013-01-09 (PCT/US2013/020767)  
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[30] US (13/349,713) 2012-01-13

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[11] **2,857,789**  
[13] C

[51] **Int.Cl. H04L 27/26 (2006.01) H04W 88/00 (2009.01) H04B 1/16 (2006.01) H04L 25/02 (2006.01)**

[25] EN

[54] **A METHOD FOR SYMBOL SAMPLING IN A HIGH TIME DELAY SPREAD INTERFERENCE ENVIRONMENT**

[54] **PROCEDE D'ECHANTILLONNAGE DE SYMBOLES DANS UN ENVIRONNEMENT D'INTERFERENCES A REPARTITION DU RETARD TEMPOREL ELEVEE**

[72] HARTLESS, MAC L., US  
[72] TAYLOR, RICHARD D., US  
[72] WYNN, STEVE R., US  
[73] HARRIS CORPORATION, US  
[86] (2857789)  
[87] (2857789)  
[22] 2014-07-23  
[30] US (14/016,273) 2013-09-03

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[11] **2,860,412**  
[13] C

[51] **Int.Cl. H04N 21/436 (2011.01) H04N 21/258 (2011.01) H04N 21/443 (2011.01) H04N 21/835 (2011.01)**

[25] EN

[54] **MECHANISM TO DETERMINE SOURCE DEVICE SERVICE TIER BASED ON THE VERSION OF THE HDCP KEY**

[54] **MECANISME POUR DETERMINER UN NIVEAU DE SERVICE DE DISPOSITIF SOURCE SUR LA BASE DE LA VERSION DE LA CLE HDCP**

[72] WANG, YEQUING, US  
[72] LEARY, PATRICK J., US  
[73] ARRIS TECHNOLOGY, INC., US  
[85] 2014-07-03  
[86] 2012-12-31 (PCT/US2012/072281)  
[87] (WO2013/103611)  
[30] US (13/342,223) 2012-01-03

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[11] **2,860,576**  
[13] C

[51] **Int.Cl. B26D 1/547 (2006.01) C09J 5/00 (2006.01) C09J 7/02 (2006.01)**

[25] EN

[54] **WRAPPING AN OBJECT WITH A FILM USING A TAPE FOR CUTTING THE FILM**

[54] **ENVELOPPMENT D'UN OBJET AU MOYEN D'UN FILM UTILISANT UN RUBAN POUR COUPER LE FILM**

[72] VANDENBERGHE, GARRY  
CYRILLE ALFRED, CA  
[72] AMBORSKY, ROBERT, CA  
[73] VANDENBERGHE, GARRY  
CYRILLE ALFRED, CA  
[85] 2014-07-04  
[86] 2013-10-15 (PCT/CA2013/050779)  
[87] (WO2014/059542)  
[30] US (61/715,486) 2012-10-18

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[11] **2,867,997**  
[13] C

[51] **Int.Cl. B27B 25/02 (2006.01)**

[25] EN

[54] **POSITIONING ROLL ASSEMBLY FOR WOOD PROCESSING SYSTEMS**

[54] **ENSEMBLE ROULEAU DE POSITIONNEMENT POUR SYSTEMES DE TRAITEMENT DE BOIS**

[72] BULLION, CONRAD, US  
[73] USNR/KOCKUMS CANCAR COMPANY, US  
[86] (2867997)  
[87] (2867997)  
[22] 2013-05-30  
[62] 2,817,137  
[30] US (61/768,302) 2013-02-22  
[30] US (13/804,534) 2013-03-14

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[11] **2,868,624**  
[13] C

[51] **Int.Cl. G02F 1/01 (2006.01) G02F 1/15 (2006.01)**

[25] EN

[54] **SWITCHING MATERIALS, AND COMPOSITIONS AND METHODS FOR MAKING SAME**

[54] **MATERIAUX DE COMMUTATION, ET COMPOSITIONS ET PROCEDES POUR LES FABRIQUER**

[72] BRANDA, NEIL ROBIN, CA  
[72] BREMNER, GLEN RAMSAY, CA  
[72] FINDEN, JEREMY GRAHAM, CA  
[72] GAUTHIER, SIMON JAMES, CA  
[72] GILLON, BRONWYN HILARY, CA  
[72] KOUTSANDREAS, ANDREW, CA  
[72] MARSHMAN, VERONICA ELIZABETH, CA  
[72] PILAPIL, MATT ANDREW, CA  
[72] SARGENT, JONATHAN ROSS, CA  
[72] SENIOR, JAMES DANIEL, CA  
[72] SHANMUGAM, KARTHIK VIKRAM SIVA, CA  
[73] SWITCH MATERIALS, INC., CA  
[85] 2014-09-26  
[86] 2013-04-09 (PCT/CA2013/000339)  
[87] (WO2013/152425)  
[30] US (61/621,736) 2012-04-09  
[30] US (61/673,470) 2012-07-19  
[30] US (61/706,001) 2012-09-26  
[30] CA (PCT/CA2012/000910) 2012-09-28

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[11] **2,870,359**  
[13] C

[51] **Int.Cl. G06F 9/44 (2006.01) G06F 21/53 (2013.01)**  
[25] EN  
[54] **CONFIGURATION OF THIRD PARTY APPLICATIONS IN A SANDBOXED ENVIRONMENT**  
[54] **CONFIGURATION D'APPLICATIONS TIERCES DANS UN ENVIRONNEMENT « BAC A SABLE »**  
[72] BESTMANN, MARTIN, DE  
[72] CARTIER, JEREMY, CA  
[72] MILTNER, JENS, DE  
[73] ABSOLUTE SOFTWARE CORPORATION, CA  
[85] 2014-10-14  
[86] 2013-04-12 (PCT/CA2013/000346)  
[87] (WO2013/152431)  
[30] US (61/623,489) 2012-04-12

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[11] **2,872,441**  
[13] C

[51] **Int.Cl. F16B 39/28 (2006.01) F16B 37/00 (2006.01)**  
[25] EN  
[54] **LOCKNUT WITH CAGE**  
[54] **CONTRE-ECROU A CAGE**  
[72] CAMPAU, DANIEL N., US  
[73] LOCKON LLC, US  
[85] 2014-11-24  
[86] 2014-04-01 (PCT/US2014/032441)  
[87] (2872441)  
[30] US (13/907,383) 2013-05-31

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[11] **2,874,758**  
[13] C

[51] **Int.Cl. G05B 23/02 (2006.01)**  
[25] EN  
[54] **WIRELESS ENGINE MONITORING SYSTEM AND CONFIGURABLE WIRELESS ENGINE SENSORS**  
[54] **SYSTEME DE SURVEILLANCE DE MOTEUR SANS FIL ET CAPTEURS SANS FIL MODULABLES DE MOTEUR**  
[72] ZIARNO, JAMES J., US  
[73] HARRIS CORPORATION, US  
[85] 2014-11-24  
[86] 2013-06-06 (PCT/US2013/044528)  
[87] (WO2013/184924)  
[30] US (13/489,701) 2012-06-06

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[11] **2,874,766**  
[13] C

[51] **Int.Cl. G05B 23/02 (2006.01)**  
[25] EN  
[54] **WIRELESS ENGINE MONITORING SYSTEM WITH MULTIPLE HOP AIRCRAFT COMMUNICATIONS CAPABILITY AND ON-BOARD PROCESSING OF ENGINE DATA**  
[54] **SYSTEME DE SURVEILLANCE DE MOTEUR SANS FIL APTE A DES COMMUNICATIONS D'AERONEF A SAUTS MULTIPLES ET TRAITEMENT EMBARQUE DE DONNEES DE MOTEUR**  
[72] ZIARNO, JAMES J., US  
[73] HARRIS CORPORATION, US  
[85] 2014-11-25  
[86] 2013-06-04 (PCT/US2013/044081)  
[87] (WO2013/184662)  
[30] US (13/489,642) 2012-06-06

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[11] **2,875,172**  
[13] C

[51] **Int.Cl. B27C 1/12 (2006.01)**  
[25] EN  
[54] **TAPERED ROLL FEED**  
[54] **ROULEAU D'ENTRAINEMENT CONIQUE**  
[72] SAASTAMO, PETRI, US  
[73] USNR/KOCKUMS CANCAR COMPANY, US  
[86] (2875172)  
[87] (2875172)  
[22] 2011-05-24  
[62] 2,741,075  
[30] US (12/786,240) 2010-05-24

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[11] **2,875,671**  
[13] C

[51] **Int.Cl. C09D 133/26 (2006.01)**  
[25] EN  
[54] **POLYMER COATINGS**  
[54] **REVETEMENTS POLYMERES**  
[72] GEORGE, WAYNE N., GB  
[72] BRATTON, DANIEL, GB  
[72] BROWN, ANDREW A., GB  
[72] REN, HONGJI, US  
[72] SMITH, RYAN C., US  
[73] ILLUMINA, INC., US  
[85] 2014-12-03  
[86] 2013-06-05 (PCT/US2013/044305)  
[87] (WO2013/184796)  
[30] US (61/657,508) 2012-06-08  
[30] US (61/753,833) 2013-01-17  
[30] US (13/784,368) 2013-03-04

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[11] **2,875,826**  
[13] C

[51] **Int.Cl. B01D 1/00 (2006.01) B01D 1/14 (2006.01) B01D 5/00 (2006.01) C02F 1/04 (2006.01) C02F 1/10 (2006.01) C02F 1/12 (2006.01) C02F 1/14 (2006.01)**  
[25] EN  
[54] **THERMODYNAMIC BALANCING OF COMBINED HEAT AND MASS EXCHANGE DEVICES**  
[54] **EQUILIBRAGE THERMODYNAMIQUE DE DISPOSITIFS D'ECHANGE DE CHALEUR ET DE MASSE COMBINES**  
[72] GOVINDAN, PRAKASH NARAYAN, US  
[72] THIEL, GREGORY P., US  
[72] MCGOVERN, RONAN K., US  
[72] LIENHARD, JOHN H., US  
[72] DAS, SARIT K., US  
[72] CHEHAYEB, KARIM M., US  
[72] ZUBAIR, SYED M., SA  
[72] ANTAR, MOHAMMED A., SA  
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[73] KING FAHD UNIVERSITY OF PETROLEUM & MINERALS, SA  
[85] 2014-12-04  
[86] 2013-07-02 (PCT/US2013/049129)  
[87] (WO2014/014660)  
[30] US (13/550,094) 2012-07-16

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[11] **2,877,332**  
[13] C

[51] **Int.Cl. G01N 15/00 (2006.01) G01N 15/10 (2006.01)**  
[25] EN  
[54] **METHOD AND FLOW CELL FOR CHARACTERIZING PARTICLES BY MEANS OF NON-GAUSSIAN TEMPORAL SIGNALS**  
[54] **PROCEDE ET CELLULE A FLUX DE CARACTERISATION DE PARTICULES PAR LE BIAIS DE SIGNAUX TEMPORELS NON GAUSSIENS**  
[72] CHANDONNET, ALAIN, CA  
[72] FORTIN, MICHEL, CA  
[72] NOLET, DANY, CA  
[73] HANDYEM INC., CA  
[85] 2014-12-11  
[86] 2013-06-12 (PCT/CA2013/000565)  
[87] (WO2013/185213)  
[30] US (13/524,636) 2012-06-15

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[11] **2,878,127**  
[13] C  
[51] **Int.Cl. B60C 11/04 (2006.01) B60C 11/00 (2006.01) B60C 11/01 (2006.01) B60C 11/13 (2006.01)**  
[25] EN  
[54] **TIRE**  
[54] **PNEUMATIQUE**  
[72] OGANE, SHUN, JP  
[73] BRIDGESTONE CORPORATION, JP  
[85] 2014-12-30  
[86] 2013-07-04 (PCT/JP2013/068347)  
[87] (WO2014/007319)  
[30] JP (2012-150718) 2012-07-04

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[11] **2,878,166**  
[13] C  
[51] **Int.Cl. G06Q 50/06 (2012.01) G06Q 10/06 (2012.01)**  
[25] EN  
[54] **METER READER ALLOCATION SYSTEM AND METER READER ALLOCATION METHOD**  
[54] **SYSTEME D'AFFECTION D'EMPLOYES RELEVEURS DE COMPTEURS ET PROCEDE D'AFFECTION D'EMPLOYES RELEVEURS DE COMPTEURS**  
[72] WADA, SHINJI, JP  
[72] DEKAMO, SHINGO, JP  
[73] NIPPON GAS CO., LTD., JP  
[85] 2014-12-30  
[86] 2013-07-02 (PCT/JP2013/004112)  
[87] (WO2014/006889)  
[30] JP (2012-150731) 2012-07-04

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[11] **2,878,687**  
[13] C  
[51] **Int.Cl. G01V 7/14 (2006.01) G01V 7/16 (2006.01)**  
[25] EN  
[54] **INTERFEROMETRIC GRADIOMETER APPARATUS AND METHOD**  
[54] **GRADIOMETRE INTERFEROMETRIQUE ET PROCEDE ASSOCIE**  
[72] KLOPPING, FRED J., US  
[72] BILLSON, RYAN M., US  
[72] NIEBAUER, TIMOTHY M., US  
[73] MICRO-G LACOSTE, INC., US  
[85] 2015-01-07  
[86] 2013-07-17 (PCT/US2013/050800)  
[87] (WO2014/018324)  
[30] US (13/558,138) 2012-07-25

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[11] **2,880,168**  
[13] C  
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/145 (2006.01) G06F 19/00 (2011.01)**  
[25] EN  
[54] **BLOOD GLUCOSE METER FOR IMPROVING GLUCOSE MANAGEMENT THROUGH MODELING OF CIRCADIAN PROFILES**  
[54] **GLUCOMETRE POUR AMELIORER LA GESTION DE GLUCOSE PAR LA MODELISATION DE PROFILS CIRCADIENS**  
[72] ALBISSER, ANTHONY MICHAEL, US  
[72] IDE, LUCIENNE MARIE, US  
[73] RIMIDI DIABETES, INC., US  
[85] 2015-01-26  
[86] 2013-07-25 (PCT/US2013/052142)  
[87] (WO2014/018806)  
[30] US (13/559,552) 2012-07-26

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[11] **2,881,303**  
[13] C  
[51] **Int.Cl. H04W 48/18 (2009.01) H04W 24/00 (2009.01)**  
[25] EN  
[54] **WIRELESS COMMUNICATIONS SYSTEM HAVING SELECTIVE WIRELESS COMMUNICATIONS NETWORK AND RELATED METHODS**  
[54] **SYSTEME DE COMMUNICATION SANS FIL COMPRENANT DES RESEAUX DE COMMUNICATION POUVANT ETRE CHOISIS, ET PROCEDE ASSOCIE**  
[72] MONNES, PETER, US  
[72] MENG, YIRONG, US  
[73] HARRIS CORPORATION, US  
[85] 2015-02-05  
[86] 2013-08-21 (PCT/US2013/055972)  
[87] (WO2014/031738)  
[30] US (13/592,662) 2012-08-23

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[11] **2,886,890**  
[13] C  
[51] **Int.Cl. E21B 7/08 (2006.01) E21B 7/04 (2006.01)**  
[25] EN  
[54] **BOREHOLE SELECTOR ASSEMBLY**  
[54] **ENSEMBLE SELECTEUR DE TROU DE FORAGE**  
[72] LAJESIC, BORISA, US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2015-03-31  
[86] 2012-10-30 (PCT/US2012/062569)  
[87] (WO2014/070142)

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[11] **2,892,007**  
[13] C  
[51] **Int.Cl. C23C 2/06 (2006.01) C23C 2/20 (2006.01) C23C 2/26 (2006.01)**  
[25] FR  
[54] **A METHOD FOR MANUFACTURING A METAL SHEET WITH A ZNAL COATING AND WITH OPTIMISED DRYING, CORRESPONDING METAL SHEET, PART AND VEHICLE**  
[54] **PROCEDE DE REALISATION D'UNE TOLE A REVETEMENT ZNAL AVEC UN ESSORAGE OPTIMISE, TOLE, PIECE ET VEHICULE CORRESPONDANTS**  
[72] MATAIGNE, JEAN-MICHEL, FR  
[72] DAUCHELLE, DIDIER, FR  
[72] BERTRAND, FLORENCE, FR  
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO, S.L., ES  
[85] 2015-05-15  
[86] 2014-02-10 (PCT/IB2014/058879)  
[87] (WO2014/135999)  
[30] FR (PCT/FR2013/050479) 2013-03-06

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[11] **2,894,229**

[13] C

[51] **Int.Cl. H01M 8/24 (2006.01) H01M 8/02 (2006.01) H01M 8/10 (2006.01)**

[25] EN

[54] **FUEL CELL STACK AND LOAD BEARING METHOD INVOLVING USE OF FUEL CELL STACK**

[54] **EMPILEMENT DE PILES A COMBUSTIBLE ET PROCEDE DE DISTRIBUTION DE CHARGE IMPLIQUANT L'UTILISATION D'UN EMPILEMENT DE PILES A COMBUSTIBLE**

[72] KAGEYAMA, KAZUHIRO, JP

[72] OKU, TAKANORI, JP

[72] SUGIMOTO, HIROMI, JP

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

[85] 2015-06-08

[86] 2013-11-18 (PCT/JP2013/081004)

[87] (WO2014/091878)

[30] JP (2012-272237) 2012-12-13

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[11] **2,895,243**

[13] C

[51] **Int.Cl. F15B 1/027 (2006.01) F03B 13/06 (2006.01) F04B 41/02 (2006.01) F28D 1/00 (2006.01)**

[25] EN

[54] **COMPRESSED AIR ENERGY STORAGE SYSTEM**

[54] **SYSTEME DE STOCKAGE D'ENERGIE UTILISANT L'AIR COMPRIME**

[72] KARAMANEV, DIMITRE, CA

[73] ISOCURRENT ENERGY INCORPORATED, CA

[85] 2015-06-16

[86] 2013-12-16 (PCT/CA2013/050972)

[87] (WO2014/089709)

[30] US (61/737,807) 2012-12-16

# Canadian Applications Open to Public Inspection

September 27, 2015 to October 3, 2015

## Demandes canadiennes mises à la disponibilité du public

27 septembre 2015 au 3 octobre 2015

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[21] **2,847,603**  
[13] A1  
[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 30/00 (2012.01)**  
[25] EN  
[54] **METHODS OF AUGMENTING SEARCH ENGINES FOR ECOMMERCE INFORMATION RETRIEVAL**  
[54] **METHODES D'AMELIORATION DES MOTEURS DE RECHERCHE POUR L'EXTRACTION D'INFORMATION DE COMMERCE ELECTRONIQUE**  
[72] WARREN, WILL, CA  
[72] GOSSAGE, ROLAND, CA  
[71] GROUPBY INC., CA  
[22] 2014-03-27  
[41] 2015-09-27

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[21] **2,847,628**  
[13] A1  
[51] **Int.Cl. B29C 47/40 (2006.01)**  
[25] EN  
[54] **IMPROVED EXTRUSION PROCESS**  
[54] **PROCEDE D'EXTRUSION AMELIORE**  
[72] LI, TIEQI, CA  
[71] NOVA CHEMICALS CORPORATION, CA  
[22] 2014-03-28  
[41] 2015-09-28

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[21] **2,847,638**  
[13] A1  
[51] **Int.Cl. A21C 9/06 (2006.01) A21C 11/00 (2006.01) A23P 1/08 (2006.01)**  
[25] EN  
[54] **DUMPLING MAKER**  
[54] **APPAREIL DE FABRICATION DE DUMPLING**  
[72] LUTCHMANSINGH, PRIMRAJ, CA  
[71] LUTCHMANSINGH, PRIMRAJ, CA  
[22] 2014-03-27  
[41] 2015-09-27

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[13] A1  
[51] **Int.Cl. F25D 9/00 (2006.01) F25D 1/00 (2006.01) F25D 3/02 (2006.01)**  
[25] EN  
[54] **FRIDGE-O-BOT**  
[54] **FRIDGE-O-BOT**  
[72] KLEIN, SIDNEY D., CA  
[71] KLEIN, SIDNEY D., CA  
[22] 2014-03-27  
[41] 2015-09-27

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[21] **2,847,657**  
[13] A1  
[51] **Int.Cl. C10G 1/04 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR BITUMEN FROTH STORAGE**  
[54] **APPAREIL ET METHODE DE STOCKAGE DE MOUSSE DE BITUME**  
[72] GARNER, WILLIAM NICHOLAS, CA  
[72] MOETAMED-SHARIATI, SABA, CA  
[72] KHAN, MOHAMMAD AFZAI, CA  
[72] ZHANG, WEI Y., CA  
[71] TOTAL E&P CANADA LTD., CA  
[22] 2014-03-27  
[41] 2015-09-27

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[21] **2,847,683**  
[13] A1  
[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/20 (2012.01) G07B 15/06 (2011.01)**  
[25] EN  
[54] **AN ELECTRONIC COMMERCE TRANSACTION SYSTEM USING ELECTRONIC TOLL COLLECTION TRANSPONDERS**  
[54] **UN SYSTEME DE TRANSACTION COMMERCIALE ELECTRONIQUE EMPLOYANT DES TRANSPONDEURS DE COLLECTE DE PEAGE ELECTRONIQUE**  
[72] MANUEL, PAUL ANTHONY LAING, CA  
[72] TURNOCK, RICHARD, CA  
[71] KAPSCH TRAFFICOM AG, AT  
[22] 2014-03-28  
[41] 2015-09-28

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[21] **2,847,702**  
[13] A1  
[51] **Int.Cl. A24F 13/06 (2006.01) A24F 1/30 (2006.01) A24F 47/00 (2006.01)**  
[25] EN  
[54] **ADAPTER FOR CONNECTING AUTOMATIC ELECTRONIC VAPORIZER TO A TRADITIONAL SHISHA**  
[54] **ADAPTATEUR POUR RACCORDEMENT DE VAPORISATEUR ELECTRONIQUE AUTOMATIQUE A UNE SHISHA TRADITIONNELLE**  
[72] GILLER, BORIS, CA  
[71] GILLER, BORIS, CA  
[22] 2014-03-28  
[41] 2015-09-28  
[30] US (14228470) 2014-03-28

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[13] A1  
[51] **Int.Cl. G01M 3/04 (2006.01)**  
[25] EN  
[54] **LEAK DETECTION**  
[54] **DETECTION DE FUITE**  
[72] BADAWY, WAEL, CA  
[72] RAHMAN, ASHIQ, CA  
[72] ROGERS, SHANE, CA  
[72] DU, SHAN, CA  
[71] INTELLIVIEW TECHNOLOGIES INC., CA  
[22] 2014-03-28  
[41] 2015-09-28

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[21] **2,847,738**  
[13] A1  
[51] **Int.Cl. B65D 90/02 (2006.01)**  
[25] EN  
[54] **TANKS AND DOUBLE-WALLED TANKS AND METHOD OF MANUFACTURING THE SAME**  
[54] **RESERVOIRS ET RESERVOIRS A DOUBLE PAROI ET METHODE DE FABRICATION ASSOCIEE**  
[72] GEMMER, BRADLEY K., CA  
[71] GEMMER, BRADLEY K., CA  
[22] 2014-03-31  
[41] 2015-09-30

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[21] **2,847,759**  
 [13] A1

[51] **Int.Cl. E21B 43/24 (2006.01)**  
 [25] EN  
 [54] **A METHOD OF ENHANCING RESOURCE RECOVERY FROM SUBTERRANEAN RESERVOIRS**  
 [54] **UNE METHODE PERMETTANT D'AMELIORER LA RECUPERATION DE RESSOURCE A PARTIR DE RESERVOIRS SOUTERRAINS**  
 [72] KHALEDI, RAHMAN, CA  
 [71] IMPERIAL OIL RESOURCES LIMITED, CA  
 [22] 2014-03-28  
 [41] 2015-09-28

[21] **2,847,761**  
 [13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01) A61J 7/00 (2006.01) G06F 19/00 (2011.01)**  
 [25] EN  
 [54] **SYSTEMS AND METHODS FOR FACILITATING PHARMACEUTICAL PATIENT ASSESSMENTS**  
 [54] **SYSTEMES ET METHODES DE FACILITATION D'EVALUATIONS PHARMACEUTIQUES DE PATIENT**  
 [72] SCHOCK, SHERI-LYN, CA  
 [72] DIMOVSKI, STEPHANIE, CA  
 [72] COLVIN, KATHY, CA  
 [72] GRANT, JEFF, CA  
 [72] LEGER, RICKY, CA  
 [72] AKESTER, BARRY, CA  
 [72] POPLEY, CARLISLE, CA  
 [72] CHIH, JENNY, CA  
 [71] MCKESSON CANADA CORPORATION, CA  
 [22] 2014-03-31  
 [41] 2015-09-30

[21] **2,847,773**  
 [13] A1

[51] **Int.Cl. H01M 2/10 (2006.01) H01M 2/20 (2006.01)**  
 [25] EN  
 [54] **FIVE-POLE BATTERY**  
 [54] **BATTERIE A CINQ BORNES**  
 [72] LIU, YUN-ZHAO, CN  
 [71] GUANGDONG JETFAST PORTABLE LIGHTING CO., LTD., CN  
 [22] 2014-03-28  
 [41] 2015-09-28

[21] **2,847,781**  
 [13] A1

[51] **Int.Cl. A61K 31/485 (2006.01) A61K 9/52 (2006.01) A61P 25/36 (2006.01)**  
 [25] EN  
 [54] **REDUCING DRUG LIKING IN A SUBJECT**  
 [54] **REDUCTION DE L'APPRECIATION DE MEDICAMENT CHEZ UN SUJET**  
 [72] REIZ, JOSEPH L., CA  
 [72] MICHALKO, KENNETH J., CA  
 [71] PURDUE PHARMA, CA  
 [22] 2014-03-28  
 [41] 2015-09-28

[21] **2,847,814**  
 [13] A1

[51] **Int.Cl. B01J 8/10 (2006.01) B08B 7/00 (2006.01) C08F 2/01 (2006.01)**  
 [25] EN  
 [54] **SELF CLEANING REACTOR SYSTEM**  
 [54] **SYSTEME DE REACTEUR AUTONETTOYANT**  
 [72] ZORICAK, PETER, CA  
 [72] CLAVELLE, ERIC, CA  
 [72] BROWN, STEPHEN JOHN, CA  
 [71] NOVA CHEMICALS CORPORATION, CA  
 [22] 2014-03-27  
 [41] 2015-09-27

[21] **2,847,863**  
 [13] A1

[51] **Int.Cl. G06T 17/00 (2006.01) G06F 19/00 (2011.01)**  
 [25] EN  
 [54] **SYSTEM AND METHOD FOR MODELING VIRTUAL CONTAMINANTS**  
 [54] **SYSTEME ET METHODE DE MODELISATION DE CONTAMINANTS VIRTUELS**  
 [72] PICHE, PATRICK, CA  
 [72] ANGHIEL, BOGDAN, CA  
 [72] CHRISTIN, OLIVIER, CA  
 [72] SAMUS, SERGIY, CA  
 [72] RICCI, ROBERT, CA  
 [72] GOSSELIN, DANIEL, CA  
 [71] CAE INC., CA  
 [22] 2014-03-28  
 [41] 2015-09-28  
 [30] US (14/228,523) 2014-03-28

[21] **2,847,865**  
 [13] A1

[51] **Int.Cl. G06T 15/00 (2011.01) G06F 3/14 (2006.01) G06F 19/00 (2011.01)**  
 [25] EN  
 [54] **SYSTEM AND METHOD FOR RENDERING VIRTUAL CONTAMINANTS**  
 [54] **MECANISME ET METHODE DE RENDU DE CONTAMINANTS VIRTUELS**  
 [72] PICHE, PATRICK, CA  
 [72] ANGHIEL, BOGDAN, CA  
 [72] CHRISTIN, OLIVIER, CA  
 [71] CAE INC., CA  
 [22] 2014-03-28  
 [41] 2015-09-28  
 [30] US (14/228,480) 2014-03-28

[21] **2,847,881**  
 [13] A1

[51] **Int.Cl. E21B 43/24 (2006.01)**  
 [25] EN  
 [54] **REMOTE STEAM GENERATION AND WATER-HYDROCARBON SEPARATION IN STEAM-ASSISTED GRAVITY DRAINAGE OPERATIONS**  
 [54] **PRODUCTION DE VAPEUR DISTANTE ET SEPARATION D'EAU ET D'HYDROCARBURE DANS LES EXPLOITATIONS DE DRAINAGE PAR GRAVITE ASSISTEES A LA VAPEUR**  
 [72] DONALD, ANDREW, CA  
 [72] PUGSLEY, TODD STEWART, CA  
 [72] BUNIO, GARY L., CA  
 [72] GATES, IAN DONALD, CA  
 [71] SUNCOR ENERGY INC., CA  
 [22] 2014-03-28  
 [41] 2015-09-28

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[21] **2,847,898**  
[13] A1

[51] **Int.Cl. E21B 43/16 (2006.01)**  
[25] EN  
[54] **IMPROVEMENTS IN HYDROCARBON PRODUCTION, IN PARTICULAR USING GRAVITY DRAINAGE**

[54] **AMELIORATIONS DE LA PRODUCTION D'HYDROCARBURES, NOTAMMENT EN EMPLOYANT LE DRAINAGE PAR GRAVITE**

[72] BUSTMANTE, GIOVANNI, CA  
[72] THOMPSON, SCOTT, CA  
[72] LAURESHEN, CATHERINE, CA  
[72] BERGE, FRODE, CA  
[71] STATOIL CANADA LIMITED, CA  
[22] 2014-03-31  
[41] 2015-09-30

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[21] **2,847,932**  
[13] A1

[51] **Int.Cl. A23G 9/26 (2006.01) A23G 9/50 (2006.01) A47J 43/20 (2006.01) A47J 47/00 (2006.01) B65D 25/28 (2006.01)**

[25] EN  
[54] **CONTAINER HANDLE OF NON-FROZEN SEASONINGS FOR ICE POPS**

[54] **POIGNEE DE CONTENANT D'ASSAISONNEMENT NON GELE POUR SUCETTES GLACEES**

[72] HERRERA LOPEZ, CARLOS MARTIN, MX  
[72] OROZCO RUIZ, FRANCISCO, MX  
[71] HERRERA LOPEZ, CARLOS MARTIN, MX  
[71] OROZCO RUIZ, FRANCISCO, MX  
[22] 2014-03-31  
[41] 2015-09-30

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[21] **2,847,955**  
[13] A1

[51] **Int.Cl. B65D 19/26 (2006.01) B65D 85/16 (2006.01)**

[25] EN  
[54] **METHOD FOR PREPARING MATTRESSES FOR SHIPMENT AND STACK OF MATTRESSES PREPARED USING SUCH METHOD**

[54] **METHODE DE PREPARATION DE MATELAS POUR EXPEDITION ET EMPILEMENT DE MATELAS PREPARE SELON UNE TELLE METHODE**

[72] ANDRIA, NIAINA, CA  
[72] ITZKOVITZ, GEORGE, CA  
[71] PRIMO BEDDING INC., CA  
[22] 2014-03-31  
[41] 2015-09-30

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[21] **2,847,913**  
[13] A1

[51] **Int.Cl. H04L 12/803 (2013.01) H04L 12/723 (2013.01) H04L 12/951 (2013.01)**

[25] EN  
[54] **SYSTEM AND METHOD FOR LOAD BALANCING IN COMPUTER NETWORKS**

[54] **SYSTEMES ET METHODES D'EQUILIBRE DE CHARGE DANS LES RESEAUX INFORMATIQUES**

[72] MARCHETTI, MICHAEL, CA  
[71] SANDVINE INCORPORATED ULC, CA  
[22] 2014-03-31  
[41] 2015-09-30

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[21] **2,847,938**  
[13] A1

[51] **Int.Cl. C22C 14/00 (2006.01) A61L 27/06 (2006.01) A61L 27/10 (2006.01) B22D 7/00 (2006.01)**

[25] EN  
[54] **TITANIUM BASED CERAMIC REINFORCED ALLOY FOR USE IN MEDICAL IMPLANTS**

[54] **ALLIAGE RENFORCE DE CERAMIQUE COMPORTANT DU TITANE ET DESTINE AUX IMPLANTS MEDICAUX**

[72] FISK, ANDREW E., US  
[72] DEMCHYSHYN, ANATOLLI, US  
[72] KUZMENKO, MYKOLA, US  
[72] FIRSTOV, SERGEI, US  
[72] KULAK, LEONID, US  
[71] PULSE TECHNOLOGIES, INC., US  
[22] 2014-03-31  
[41] 2015-09-30

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[13] A1

[51] **Int.Cl. A23L 2/66 (2006.01) A23J 3/04 (2006.01) A23L 2/56 (2006.01)**

[25] EN  
[54] **NUTRITION BEVERAGES**

[54] **BOISSONS NUTRITIVES**

[72] BRADLEY, DONDEENA, US  
[72] ROHRER, ELLEN, US  
[72] MCMANUS, KATHLENE, US  
[72] CERDENA, CONNIE, US  
[72] KIM, PAUL, US  
[71] THE CONCENTRATE MANUFACTURING COMPANY OF IRELAND, BM  
[22] 2014-04-04  
[41] 2015-09-29  
[30] US (14/229,882) 2014-03-29

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[21] **2,847,931**  
[13] A1

[51] **Int.Cl. G03B 17/02 (2006.01) G03B 13/04 (2006.01) G03B 17/08 (2006.01) G08B 13/196 (2006.01)**

[25] EN  
[54] **SECURITY CAMERA WITH ADJUSTABLE LENS AIMING MECHANISM**

[54] **CAMERA DE SECURITE DOTEE D'UN MECANISME DE VISEE A OBJECTIF REGLABLE**

[72] MOHAN, SUDEEP, CA  
[71] AVIGILON CORPORATION, CA  
[22] 2014-03-31  
[41] 2015-09-30

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[21] **2,852,312**  
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**

[25] EN  
[54] **LOYALTY PROGRAM SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE RELATIFS A UN PROGRAMME DE FIDELITE**

[72] PAYETTE, GILLES, CA  
[71] PAYETTE, GILLES, CA  
[22] 2014-05-21  
[41] 2015-09-30  
[30] US (61/972,549) 2014-03-31

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[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) A23L 1/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01) C13K 3/00 (2006.01) C08B 30/04 (2006.01)**

[25] EN  
[54] **PLANTS AND SEEDS OF CORN VARIETY CV890045**  
[54] **PLANTES ET SEMENCES DE VARIETE CV890045 DE MAIS**

[72] PAGE, NATHANIEL J., US  
[71] MONSANTO TECHNOLOGY LLC, US  
[22] 2014-06-06  
[41] 2015-09-27  
[30] US (14/227,811) 2014-03-27

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[21] **2,853,619**  
[13] A1

[51] **Int.Cl. E21C 27/00 (2006.01)**

[25] EN  
[54] **UNMANNED INTELLIGENT MINING MACHINE**  
[54] **MACHINE D'EXPLOITATION MINIERE INTELLIGENTE SANS EQUIPAGE**

[72] HAN, XINPING, CN  
[71] HAN, XINPING, CN  
[22] 2014-06-06  
[41] 2015-09-28  
[30] CN (201410123925.5) 2014-03-28

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[21] **2,854,660**  
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) A23L 1/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01) C13K 3/00 (2006.01)**

[25] EN  
[54] **PLANTS AND SEEDS OF CORN VARIETY CV969360**  
[54] **PLANTES ET SEMENCES DE VARIETE CV969360 DE MAIS**

[72] CARLSON, THOMAS B., US  
[72] OCHS, NICHOLAS P., US  
[72] SERNETT, JEFFREY MARTIN, US  
[72] SLOBODAN, TRIFUNOVIC, US  
[71] MONSANTO TECHNOLOGY LLC, US  
[22] 2014-06-19  
[41] 2015-09-27  
[30] US (14/227,892) 2014-03-27

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[21] **2,856,923**  
[13] A1

[51] **Int.Cl. G01N 37/00 (2006.01) A45D 33/02 (2006.01) G01N 1/00 (2006.01)**

[25] EN  
[54] **COSMETIC IMPLEMENT**  
[54] **ACCESSOIRE COSMETIQUE**

[72] CASHMAN, DEBRA, US  
[71] AGENT V, LLC, US  
[22] 2014-07-15  
[41] 2015-09-30  
[30] US (61/972,981) 2014-03-31  
[30] US (14/321,398) 2014-07-01

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[21] **2,864,785**  
[13] A1

[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  
[71] SILK WATER SOLUTIONS INC., CA  
[22] 2014-09-23  
[41] 2015-09-29  
[30] US (14/490,360) 2014-09-18

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[21] **2,872,223**  
[13] A1

[51] **Int.Cl. A41B 15/02 (2006.01)**

[25] EN  
[54] **RIGID POCKET SQUARE**  
[54] **CARRE DE POCHE RIGIDE**

[72] HBEICHI, AYMAN NADER, CA  
[72] MOTAMEDI, NADER MICHAEL, CA  
[71] BAFFI COLLECTION INC., CA  
[22] 2014-11-25  
[41] 2015-09-30  
[30] US (61/972768) 2014-03-31

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[21] **2,872,743**  
[13] A1

[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/00 (2006.01) A61B 17/072 (2006.01)**

[25] EN  
[54] **SURGICAL STAPLING APPARATUS WITH FIRING LOCKOUT MECHANISM**  
[54] **APPAREIL D'AGRAFAGE CHIRURGICAL DOTE D'UN MECANISME DE BLOCAGE DE DECLENCHEMENT**

[72] CAPPOLA, KENNETH M., US  
[71] COVIDIEN LP, US  
[22] 2014-12-01  
[41] 2015-09-30  
[30] US (14/230,516) 2014-03-31

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[21] **2,876,492**  
[13] A1

[51] **Int.Cl. B64C 27/30 (2006.01) B64C 27/20 (2006.01) B64C 27/26 (2006.01) B64C 27/28 (2006.01) B64C 29/00 (2006.01)**

[25] EN  
[54] **VERTICALLY LANDING AIRCRAFT**  
[54] **AERONEF A ATERRISSAGE VERTICAL**

[72] NEWMAN, DANIEL IRA, US  
[72] LACY, ROGER W., US  
[72] PREATOR, ROBIN W., US  
[72] GIANOPULOS, ELIA N., US  
[72] ZIEGENBEIN, PERRY, US  
[71] THE BOEING COMPANY, US  
[22] 2014-12-23  
[41] 2015-09-30  
[30] US (14/231,610) 2014-03-31

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[13] A1

[51] **Int.Cl. F28F 13/04 (2006.01) F28B 9/08 (2006.01) F28F 1/30 (2006.01)**  
[25] EN  
[54] **HEAT EXCHANGER AND HEAT TRANSFER TUBE OF THE HEAT EXCHANGER**  
[54] **ECHANGEUR DE CHALEUR ET TUBE DE TRANSFERT DE CHALEUR D'UN ECHANGEUR DE CHALEUR**  
[72] TAMURA, AKINORI, JP  
[72] ISHIDA, NAOYUKI, JP  
[72] KITO, KAZUAKI, JP  
[71] HITACHI, LTD., JP  
[22] 2014-12-30  
[41] 2015-09-30  
[30] JP (2014-070831) 2014-03-31

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[21] **2,877,254**  
[13] A1

[51] **Int.Cl. E06B 9/42 (2006.01) E06B 9/34 (2006.01)**  
[25] EN  
[54] **ROLLER BLIND FOR A WINDOW THAT AFFORDS POSITIONING OF A SCREEN AT A STABLE HEIGHT BY MEANS OF A FRICTIONAL INTERFACE**  
[54] **STORE ENROULEUR POUR FENETRE PERMETTANT LE POSITIONNEMENT D'UNE MOUSTIQUAIRE A UNE HAUTEUR STABLE AU MOYEN D'UNE INTERFACE DE FRICTION**  
[72] MCGOWAN, LES, CA  
[71] MCGOWAN, LES, CA  
[22] 2015-01-09  
[41] 2015-09-28

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[21] **2,878,269**  
[13] A1

[51] **Int.Cl. H04W 12/06 (2009.01) H04W 12/04 (2009.01) G06F 21/46 (2013.01) H04B 5/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR TWO FACTOR USER AUTHENTICATION USING A SMARTPHONE AND NFC TOKEN AND FOR THE AUTOMATIC GENERATION AS WELL AS STORING AND INPUTTING OF LOGINS FOR WEBSITES AND WEB APPLICATIONS**  
[54] **SYSTEME ET METHODE D'AUTHENTIFICATION D'UTILISATEUR A DEUX FACTEURS A L'AIDE D'UN TELEPHONE INTELLIGENT ET D'UN JETON NFC POUR LA GENERATION AUTOMATIQUE AINSI QUE LE STOCKAGE ET LA SAISIE DE DONNEES D'OUVERTURE DE SESSION DES SITES WEB ET DES APPLICATIONS WEB**  
[72] FOX IVEY, RICHARD GORDON, CA  
[72] BLASHILL, JAMES, CA  
[72] BRAUN, KRIS, CA  
[71] SYMPLE ID INC., CA  
[22] 2015-01-19  
[41] 2015-09-30  
[30] US (61/972,702) 2014-03-31

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[13] A1

[51] **Int.Cl. G02B 23/16 (2006.01) F41G 1/38 (2006.01) G02B 27/36 (2006.01)**  
[25] EN  
[54] **RELAY ASSEMBLY FOR OPTICAL SIGHT**  
[54] **DISPOSITIF DE RELAIS POUR VISEUR OPTIQUE**  
[72] DELACA, RODNEY, US  
[72] PRESLEY, MICHAEL, US  
[72] MACIAK, THOMAS K., US  
[71] TRIJICON, INC., US  
[22] 2015-01-14  
[41] 2015-09-28  
[30] US (14/228792) 2014-03-28

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[21] **2,880,511**  
[13] A1

[51] **Int.Cl. B42D 15/02 (2006.01) A63H 33/00 (2006.01)**  
[25] EN  
[54] **MOTION GREETING CARDS**  
[54] **CARTE DE VOEUX DOTEES D'ELEMENTS MOBILES**  
[72] MAYER, DAVID, US  
[72] TALBOT, JOHN, US  
[72] FLESHER, MELISSA, US  
[72] LI, JIA JING, CN  
[71] AMERICAN GREETINGS CORPORATION, US  
[22] 2015-02-02  
[41] 2015-09-28  
[30] US (14/228,757) 2014-03-28

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[21] **2,881,223**  
[13] A1

[51] **Int.Cl. A01D 82/02 (2006.01)**  
[25] EN  
[54] **SWATH ROLLER ATTACHMENT FOR A SWATHER TRACTOR**  
[54] **ACCESSOIRE A ROULEAU FAUCHEUR POUR TRACTEUR FAUCHEUR**  
[72] STROBBE, JASON, CA  
[72] KIRKBY, RICHARD, CA  
[72] FLINTOFT, MICHAEL, CA  
[72] BARNETT, NEIL G., CA  
[71] MACDON INDUSTRIES LTD., CA  
[22] 2015-02-03  
[41] 2015-09-30  
[30] US (61972724) 2014-03-31

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[21] **2,881,358**  
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/103 (2006.01) A61B 17/00 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR TISSUE THICKNESS SENSING**  
[54] **APPAREIL ET METHODE DE DETECTION DE L'EPAISSEUR DE TISSU**  
[72] CHOWANIEC, DAVID, US  
[72] CHOWANIEC, MATTHEW, US  
[71] COVIDIEN LP, US  
[22] 2015-02-09  
[41] 2015-09-30  
[30] US (61/972,511) 2014-03-31  
[30] US (14/565,503) 2014-12-10

**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,881,493**  
 [13] A1

[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/02 (2006.01) A61Q 19/02 (2006.01) A61Q 19/08 (2006.01)**

[25] EN

[54] **TOPICAL COMPOSITIONS COMPRISING A RESORCINOL AND POWDERS**

[54] **COMPOSITIONS TOPIQUES COMPRENANT UN RESORCINOL ET DES POUDRES**

[72] BRILLOUET, ANNE-SOPHIE, US

[72] DUFORT, MARISA DEVITA, US

[72] YUAN, XUDONG, US

[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US

[22] 2015-02-10

[41] 2015-09-27

[30] US (14/227,260) 2014-03-27

[21] **2,881,644**  
 [13] A1

[51] **Int.Cl. H04L 12/16 (2006.01) H04L 12/24 (2006.01)**

[25] EN

[54] **DEFINING A USER GROUP DURING AN INITIAL SESSION**

[54] **DEFINITION D'UN GROUPE D'UTILISATEURS PENDANT UNE SESSION INITIALE**

[72] WILSON, PATRICK, CA

[72] MASTRACCI, MATT, CA

[72] JANSSON, ERIC, CA

[72] ARNOLDIN, ERICA, CA

[72] ROUNDING, KATHRYN, CA

[72] SCHUILING, BENJAMIN, CA

[71] SMART TECHNOLOGIES ULC, CA

[22] 2015-02-11

[41] 2015-09-30

[30] US (61/972677) 2014-03-31

[21] **2,883,035**  
 [13] A1

[51] **Int.Cl. F28F 7/00 (2006.01) F24F 12/00 (2006.01) F28D 9/00 (2006.01) F28F 9/007 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR FORMING SPACER LEVELS OF A COUNTER FLOW ENERGY EXCHANGE ASSEMBLY**

[54] **SYSTEMES ET METHODES DE FORMATION DE NIVEAUX D'ESPACER D'UN DISPOSITIF D'ECHANGE D'ENERGIE A CONTRE-COURANT**

[72] ERB, BLAKE NORMAN, CA

[72] HANSON, STEPHEN, CA

[72] AFSHIN, MOHAMMAD, CA

[71] VENMAR CES, INC., CA

[22] 2015-02-23

[41] 2015-09-30

[30] US (14/230,682) 2014-03-31

[21] **2,881,589**  
 [13] A1

[51] **Int.Cl. E21B 36/02 (2006.01) E21B 36/00 (2006.01) F24J 1/00 (2006.01) H01M 8/04 (2006.01)**

[25] EN

[54] **HEATER WITH A FUEL CELL STACK ASSEMBLY AND A COMBUSTOR AND METHOD OF OPERATING**

[54] **DISPOSITIF DE CHAUFFAGE DOTE D'UN ASSEMBLAGE EMPILE DE PILE A COMBUSTIBLE ET UN COMBUSTOR ET UNE METHODE D'EXPLOITATION**

[72] FISCHER, BERNHARD A., US

[72] RICHARDS, JAMES D., US

[71] DELPHI TECHNOLOGIES, INC., US

[22] 2015-02-11

[41] 2015-09-30

[30] US (14/230,196) 2014-03-31

[21] **2,881,757**  
 [13] A1

[51] **Int.Cl. G01N 13/02 (2006.01) E21B 49/08 (2006.01)**

[25] EN

[54] **DETERMINING RESIDUAL SURFACTANT CONCENTRATIONS IN PRODUCED WATER**

[54] **DETERMINATION DE CONCENTRATIONS DE SURFACTANT RESIDUEL DANS L'EAU PRODUITE**

[72] RANE, JAYANT, US

[72] XU, LIANG, US

[72] FU, QIANG, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[22] 2015-02-13

[41] 2015-09-27

[30] US (14/228,152) 2014-03-27

[21] **2,883,409**  
 [13] A1

[51] **Int.Cl. B60R 11/00 (2006.01) B60K 1/04 (2006.01)**

[25] EN

[54] **BATTERY COMPARTMENTS WITH SERVICE PLATFORMS**

[54] **COMPARTIMENTS DE BATTERIE DOTES DE PLATEFORMES D'ENTRETIEN**

[72] YAKLIN, SEBASTIAN, US

[72] KUBOUSHEK, BRANDON, US

[72] BLASEN, STEVEN T., US

[72] CLIFT, CHARLES EDWARD, US

[72] KRAMPERT, CHARLES CHRISTOPHER, US

[71] DEERE & COMPANY, US

[22] 2015-02-26

[41] 2015-09-30

[30] US (14/231,214) 2014-03-31

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[21] **2,883,544**  
[13] A1

[51] **Int.Cl. C09D 5/08 (2006.01) C09D 7/12 (2006.01) C23F 11/00 (2006.01)**

[25] EN

[54] **ANTI-CORROSION AND/OR PASSIVATION COMPOSITIONS FOR METAL CONTAINING SUBSTRATES AND METHODS FOR MAKING, ENHANCING, AND APPLYING THE SAME**

[54] **COMPOSITIONS ANTICORROSION OU PASSIVATION POUR DES SUBSTRATS COMPORTANT DU METAL ET PROCEDES CONNEXES DE FABRICATION, AMELIORATION ET APPLICATION**

[72] ZHANG, WEILONG, US  
[72] KRYZMAN, MICHAEL A., US  
[72] ZAFIRIS, GEORGIOS S., US  
[72] JAWOROWSKI, MARK R., US  
[72] PANZA-GIOSA, ROQUE, CA  
[72] MANZINI, MARILEA, CA  
[71] GOODRICH CORPORATION, US  
[22] 2015-03-02  
[41] 2015-09-28  
[30] US (61/971,993) 2014-03-28  
[30] US (14/316,123) 2014-06-26

[21] **2,883,546**  
[13] A1

[51] **Int.Cl. C09D 5/08 (2006.01) C09D 7/12 (2006.01) C23F 11/00 (2006.01)**

[25] EN

[54] **ANTI-CORROSION AND/OR PASSIVATION COMPOSITIONS FOR METAL CONTAINING SUBSTRATES AND METHODS FOR MAKING, ENHANCING, AND APPLYING THE SAME**

[54] **COMPOSITIONS ANTICORROSION OU PASSIVATION POUR DES SUBSTRATS COMPORTANT DU METAL ET PROCEDES CONNEXES DE FABRICATION, AMELIORATION ET APPLICATION**

[72] ZHANG, WEILONG, US  
[72] KRYZMAN, MICHAEL A., US  
[72] ZAFIRIS, GEORGIOS S., US  
[72] JAWOROWSKI, MARK R., US  
[72] PANZA-GIOSA, ROQUE, CA  
[72] MANZINI, MARILEA, CA  
[71] GOODRICH CORPORATION, US  
[22] 2015-03-02  
[41] 2015-09-28  
[30] US (61/971,993) 2014-03-28  
[30] US (14/316,123) 2014-06-26  
[30] US (14/316,403) 2014-06-26

[21] **2,883,769**  
[13] A1

[51] **Int.Cl. G07B 15/06 (2011.01) G08G 1/123 (2006.01)**

[25] EN

[54] **ONBOARD UNIT AND METHOD FOR UPDATING GEODATA THEREIN**

[54] **UNITE EMBARQUEE ET METHODE DE MISE A JOUR DES GEODONNEES CONTENUES DANS L'UNITE**

[72] KALAN, MANFRED, AT  
[71] KAPSCH TRAFFICCOM AG, AT  
[22] 2015-03-04  
[41] 2015-09-27  
[30] EP (14161989.0) 2014-03-27

[21] **2,883,808**  
[13] A1

[51] **Int.Cl. F16S 3/04 (2006.01) C23C 2/04 (2006.01) C23F 15/00 (2006.01) F16B 33/06 (2006.01) F16L 3/04 (2006.01)**

[25] EN

[54] **ENHANCED CORROSION RESISTANT CHANNELS, FITTINGS AND FASTENERS**

[54] **CANAUX, RACCORDS ET FIXATIONS OFFRANT UNE RESISTANCE AMELIOREE A LA CORROSION**

[72] OLIVER, TIMOTHY R., US  
[72] SHAW, JACOB R., US  
[72] GLEASON, DARIN, US  
[71] UNISTRUT INTERNATIONAL CORPORATION, US  
[22] 2015-03-03  
[41] 2015-09-27  
[30] US (61/970,953) 2014-03-27  
[30] US (14/633,219) 2015-02-27

[21] **2,883,619**  
[13] A1

[51] **Int.Cl. E04H 15/34 (2006.01)**

[25] EN

[54] **A TENT SYSTEM EMPLOYING AN IMPROVED SPIDER HUB AND ASSOCIATED FRAME STRUCTURE AND METHOD OF COMPACTING THE FRAME FOR REDUCED STORAGE SIZE**

[54] **UN DISPOSITIF DE TENTE COMPORTANT UN MOYEU EN FORME D'ARAIGNEE AMELIORE ET STRUCTURE DE CADRE ASSOCIEE, AINSI QUE METHODE DE COMPACTAGE DU CADRE VISANT A REDUIRE LE FORMAT DE STOCKAGE**

[72] LAMKE, SAMUEL F., US  
[71] LAMKE, SAMUEL F., US  
[22] 2015-03-02  
[41] 2015-09-30  
[30] US (61/972,899) 2014-03-31

**Demandes canadiennes mises à la disponibilité du public**  
**27 septembre 2015 au 3 octobre 2015**

[21] **2,883,992**  
[13] A1

[51] **Int.Cl. B64C 1/00 (2006.01) B64C 1/40 (2006.01)**  
 [25] EN  
 [54] **STRUCTURE AND METHOD FOR REDUCING AIR FLOW IN A WALL VOLUME OF AN AIRCRAFT**  
 [54] **STRUCTURE ET METHODE DE REDUCTION DE DEBIT D'AIR DANS UN VOLUME DE PAROI D'UN AERONEF**  
 [72] GRAY, JOHN C., US  
 [72] ATKEY, WARREN A., US  
 [72] BLACK, ROGER B., US  
 [71] THE BOEING COMPANY, US  
 [22] 2015-03-04  
 [41] 2015-09-30  
 [30] US (14/230,348) 2014-03-31  
 [30] US (14/616,885) 2015-02-09

[21] **2,884,342**  
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 10/08 (2012.01)**  
 [25] EN  
 [54] **SYSTEMS AND METHODS FOR COMMON EXCHANGE OF QUALITY DATA BETWEEN DISPARATE SYSTEMS**  
 [54] **SYSTEMES ET METHODES D'ECHANGE COURANT DE DONNEES DE QUALITE ENTRE SYSTEMES DISPARATES**  
 [72] FAINOR, JUDITH A., US  
 [72] AMENT, JOHN D., US  
 [72] KRATZ, BRUCE, US  
 [71] SPARTA SYSTEMS, INC., US  
 [22] 2015-03-10  
 [41] 2015-09-28  
 [30] US (61/971,736) 2014-03-28  
 [30] US (14/627,071) 2015-02-20

[21] **2,884,821**  
[13] A1

[51] **Int.Cl. G01L 19/14 (2006.01) B64D 43/00 (2006.01) G01C 5/06 (2006.01) G01P 5/165 (2006.01)**  
 [25] EN  
 [54] **CO-LOCATION OF HIGH-MAINTENANCE AIR DATA SYSTEM COMPONENTS INTO ONE LRU**  
 [54] **CO-EMPLACEMENT DE COMPOSANTS DE DONNEES D'AIR A ENTRETIEN EXIGENT DANS UN LRU**  
 [72] KIMMEL, DANNY THOMAS, US  
 [72] NORTHCUTT, BRETT GORDON, US  
 [71] HONEYWELL INTERNATIONAL INC., US  
 [22] 2015-03-12  
 [41] 2015-09-28  
 [30] US (61/971,874) 2014-03-28  
 [30] US (14/334,911) 2014-07-18

[21] **2,884,199**  
[13] A1

[51] **Int.Cl. B23Q 3/12 (2006.01) B23Q 1/25 (2006.01)**  
 [25] EN  
 [54] **POSITIONING ASSEMBLY AND METHOD**  
 [54] **DISPOSITIF DE POSITIONNEMENT ET METHODE**  
 [72] LI, YUWEN, CA  
 [72] ELFIZY, AMR, CA  
 [71] PRATT & WHITNEY CANADA CORP., CA  
 [22] 2015-03-04  
 [41] 2015-09-28  
 [30] US (14/228,589) 2014-03-28

[21] **2,884,343**  
[13] A1

[51] **Int.Cl. G01V 9/00 (2006.01)**  
 [25] EN  
 [54] **DOWNHOLE MODELING USING INVERTED PRESSURE AND REGIONAL STRESS**  
 [54] **MODELISATION DE FOND DE TROU A L'AIDE DE PRESSION INVERSEE ET DE CONTRAINTE REGIONALE**  
 [72] MAERTEN, FRANTZ, FR  
 [72] MAERTEN, LAURENT, FR  
 [72] LEJRI, MUSTAPHA, FR  
 [71] SCHLUMBERGER CANADA LIMITED, CA  
 [22] 2015-03-10  
 [41] 2015-09-30  
 [30] FR (1452777) 2014-03-31  
 [30] US (14/611,485) 2015-02-02

[21] **2,884,831**  
[13] A1

[51] **Int.Cl. G08B 29/02 (2006.01) H04W 4/14 (2009.01) G08B 25/00 (2006.01) H04L 12/58 (2006.01)**  
 [25] EN  
 [54] **SYSTEM AND METHOD FOR IDENTIFYING ALARM SYSTEM PROBLEMS**  
 [54] **PROCEDE ET METHODE DE DETERMINATION DE PROBLEMES DE SYSTEME D'ALARME**  
 [72] RAMASUBBU, BALAKRISHNAN, US  
 [72] SIREMAMILLA, JYOTHI PRASAD, US  
 [72] HEDGE, GANESH RAMESH, US  
 [71] HONEYWELL INTERNATIONAL INC., US  
 [22] 2015-03-12  
 [41] 2015-09-27  
 [30] US (14/227,422) 2014-03-27

[21] **2,884,200**  
[13] A1

[51] **Int.Cl. F01D 9/02 (2006.01) B33Y 10/00 (2015.01) B22F 3/105 (2006.01)**  
 [25] EN  
 [54] **COMPRESSOR VARIABLE VANE ASSEMBLY**  
 [54] **DISPOSITIF DE VANNE VARIABLE POUR COMPRESSEUR**  
 [72] MARSHALL, ANDREW R., CA  
 [72] MENHEERE, DAVID, CA  
 [71] PRATT & WHITNEY CANADA CORP., CA  
 [22] 2015-03-04  
 [41] 2015-09-28  
 [30] US (14/228,616) 2014-03-28

**Canadian Applications Open to Public Inspection**  
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[21] **2,884,835**  
[13] A1

[51] **Int.Cl. E21B 43/10 (2006.01) E21B 33/10 (2006.01) E21B 33/1295 (2006.01)**

[25] EN

[54] **COMPLETION METHOD AND APPARATUS FOR A WELL HAVING TWO OR MORE LATERAL BORES**

[54] **METHODE ET APPAREIL DE COMPLETION POUR UN Puits COMPORTANT AU MOINS DEUX TROUS LATERAUX**

[72] GILL, GARY ERIC, CA

[71] CENOVUS ENERGY INC., CA

[22] 2015-03-12

[41] 2015-09-28

[30] US (61/971,879) 2014-03-28

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[21] **2,884,937**  
[13] A1

[51] **Int.Cl. G01N 27/414 (2006.01) G01R 33/07 (2006.01)**

[25] EN

[54] **MAGNETIC STIMULUS OF ISFET-BASED SENSOR TO ENABLE TRIMMING AND SELF-COMPENSATION OF SENSOR MEASUREMENT ERRORS**

[54] **STIMULUS MAGNETIQUE DE CAPTEUR ISFET EN VUE DE PERMETTRE L'EQUILIBRAGE ET LA COMPENSATION AUTONOME DES ERREURS DE MESURE DE CAPTEUR**

[72] HORKHEIMER, DONALD, US

[71] HONEYWELL INTERNATIONAL INC., US

[22] 2015-03-13

[41] 2015-09-27

[30] US (14/227,368) 2014-03-27

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[21] **2,884,996**  
[13] A1

[51] **Int.Cl. B60W 40/112 (2012.01)**

[25] EN

[54] **VEHICLE ROLL ANGLE ESTIMATION DEVICE**

[54] **DISPOSITIF D'ESTIMATION D'ANGLE D'INCLINAISON DE VEHICULE**

[72] OKOSHI, SATORU, JP

[72] TAKENAKA, TORU, JP

[72] SHIROKURA, SHINYA, JP

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

[22] 2015-03-11

[41] 2015-09-27

[30] JP (2014-067148) 2014-03-27

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[21] **2,885,075**  
[13] A1

[51] **Int.Cl. B60R 16/033 (2006.01)**

[25] EN

[54] **VEHICLE WITH WINCH**

[54] **VEHICULE EQUIPE D'UN TREUIL**

[72] SHIOKAWA, TATSUYA, JP

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

[22] 2015-03-13

[41] 2015-09-28

[30] US (2014-067834) 2014-03-28

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[21] **2,885,101**  
[13] A1

[51] **Int.Cl. A01K 5/00 (2006.01)**

[25] EN

[54] **SOW LACTATION FEEDER WITH ADJUSTABLE ACTUATOR**

[54] **DISPOSITIF D'ALIMENTATION DE FEMELLE LACTANTE PLEINE DOTE D'UN ACTIONNEUR AJUSTABLE**

[72] RAUSCH, ANDREW J., US

[71] CTB, INC., US

[22] 2015-03-13

[41] 2015-09-28

[30] US (14/229,192) 2014-03-28

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[21] **2,885,335**  
[13] A1

[51] **Int.Cl. E21B 19/07 (2006.01)**

[25] EN

[54] **SWIVEL ELEVATOR**

[54] **ELEVATEUR A PIVOT**

[72] WOOD, KEVIN, US

[71] WEATHERFORD/LAMB, INC., US

[22] 2015-03-18

[41] 2015-09-28

[30] US (14/229,372) 2014-03-28

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[21] **2,885,343**  
[13] A1

[51] **Int.Cl. F02C 7/36 (2006.01) F16C 3/16 (2006.01)**

[25] EN

[54] **SHAFT ASSEMBLY OF A GAS TURBINE ENGINE AND METHOD OF CONTROLLING FLOW THEREIN**

[54] **MECANISME D'ENTRAINEMENT D'UNE TURBINE A GAZ ET METHODE DE COMMANDE DE FLUX DANS LEDIT MECANISME**

[72] PARADIS, VINCENT, CA

[72] SYNNOTT, REMY, CA

[71] PRATT & WHITNEY CANADA CORP., CA

[22] 2015-03-17

[41] 2015-09-30

[30] US (14/230,789) 2014-03-31

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[21] **2,885,353**  
[13] A1

[51] **Int.Cl. G06F 3/042 (2006.01) H04W 4/00 (2009.01) G06F 3/0354 (2013.01) H04B 5/00 (2006.01)**

[25] EN

[54] **INTERACTIVE INPUT SYSTEM, INTERACTIVE BOARD THEREFOR AND METHODS**

[54] **SYSTEME D'ENTREE INTERACTIF, CARTE INTERACTIVE ASSOCIEE ET METHODES**

[72] TRENHOLM-BOYLE, MICHAEL, CA

[72] SIROTICH, ROBERTO, CA

[72] WRIGHT, JOE, CA

[72] MCREYNOLDS, DANIEL P., CA

[72] SCHANNE, TIM, CA

[72] TARNG, STANLEY, CA

[72] ROSS, EVAN, CA

[72] BARKLEY, WARREN, CA

[72] GAYDON, NEIL, CA

[71] SMART TECHNOLOGIES ULC, CA

[22] 2015-03-18

[41] 2015-09-30

[30] US (14/231154) 2014-03-31

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[21] **2,885,373**  
[13] A1

[51] **Int.Cl. G01R 22/00 (2006.01) G01R 1/30 (2006.01) G08C 17/02 (2006.01) H01Q 1/38 (2006.01) H01Q 9/04 (2006.01)**

[25] EN

[54] **IMPROVED ELECTRICITY METER ANTENNA CONFIGURATION**

[54] **CONFIGURATION D'ANTENNE DE MESURE D'ELECTRICITE AMELIOREE**

[72] HOLT, JOHN R., JR., US

[71] ELSTER SOLUTIONS, LLC, US

[22] 2015-03-17

[41] 2015-09-30

[30] US (14/230,658) 2014-03-31

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[21] **2,885,390**  
[13] A1

[51] **Int.Cl. F21V 17/06 (2006.01) F21V 29/74 (2015.01) F21V 17/10 (2006.01) F21V 21/04 (2006.01) F21V 23/00 (2015.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR RETROFITTING A FLUORESCENT DOWNLIGHT ILLUMINATION DEVICE**

[54] **APPAREIL ET METHODE DE RENOVATION D'UN DISPOSITIF D'ECLAIRAGE FLUORESCENT VERS LE BAS**

[72] WHITE, CHRISTOPHER M., US

[72] PARDIKES, BRETT JAMES, US

[72] RAY, STEVEN HOWARD, US

[71] TERRALUX, INC., US

[22] 2015-03-17

[41] 2015-09-30

[30] US (61/972,801) 2014-03-31

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[21] **2,885,508**  
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR DETERMINING AND COMMUNICATING PATIENT ELIGIBILITY FOR AN INTERVENTION SERVICE**

[54] **SYSTEMES ET METHODES PERMETTANT DE DETERMINER ET DE COMMUNIQUER L'INFORMATION SUR L'ADMISSIBILITE D'UN PATIENT A UN SERVICE D'INTERVENTION**

[72] KAHLON, SUMMERPAL, US

[72] MELLIN, ANDREW, US

[71] MCKESSON FINANCIAL HOLDINGS, BM

[22] 2015-03-19

[41] 2015-09-30

[30] US (14/230142) 2014-03-31

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[21] **2,885,592**  
[13] A1

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

[25] EN

[54] **JOURNEY PLANNING METHOD AND SYSTEM**

[54] **METHODE ET PROCEDE DE PLANIFICATION DE VOYAGE**

[72] LAMORINIERE, CEDRIC, FR

[72] BENQUE, DAVID, FR

[71] AMADEUS S.A.S., FR

[22] 2015-03-19

[41] 2015-09-30

[30] EP (14 162 580.6) 2014-03-31

[30] US (14/230,036) 2014-03-31

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[21] **2,885,597**  
[13] A1

[51] **Int.Cl. F16L 19/00 (2006.01)**

[25] EN

[54] **CONNECTION, FITTING AND PRODUCTION METHOD**

[54] **CONNEXION, RACCORD ET METHODE DE PRODUCTION**

[72] HALLEN, MATS, SE

[71] UPONOR INNOVATION AB, SE

[22] 2015-03-18

[41] 2015-09-30

[30] DE (202014101522.1) 2014-03-31

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[21] **2,885,812**  
[13] A1

[51] **Int.Cl. A47B 9/16 (2006.01) A47B 3/087 (2006.01)**

[25] EN

[54] **ADJUSTABLE HEIGHT DESK PLATFORM**

[54] **PLATEFORME DE BUREAU A HAUTEUR REGLABLE**

[72] FLAHERTY, DANIEL G., US

[71] VARIDESK, LLC, US

[22] 2015-03-20

[41] 2015-09-30

[30] US (14/230,499) 2014-03-31

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[21] **2,885,850**  
[13] A1

[51] **Int.Cl. B60K 23/00 (2006.01) F16H 59/36 (2006.01) F16H 61/00 (2006.01)**

[25] EN

[54] **TRANSMISSION SYSTEM FOR VEHICLE**

[54] **SYSTEME DE TRANSMISSION POUR VEHICULE**

[72] MAKABE, TAKUMI, JP

[72] ARAI, DAI, JP

[72] YOHEI, ENDO, JP

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

[22] 2015-03-23

[41] 2015-09-28

[30] JP (2014-069505) 2014-03-28

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[21] **2,885,946**  
[13] A1

[51] **Int.Cl. C09J 183/04 (2006.01) C09J 7/02 (2006.01)**

[25] EN

[54] **SILICONE ADHESIVE COMPOSITION, A METHOD FOR THE PREPARATION THEREOF AND AN ADHESIVE FILM**

[54] **COMPOSITION ADHESIVE AU SILICONE, METHODE DE PREPARATION DE LADITE COMPOSITION ET PELLICULE ADHESIVE**

[72] KURODA, YASUYOSHI, JP

[72] KOBAYASHI, YUTA, JP

[71] SHIN-ETSU CHEMICAL CO., LTD., JP

[22] 2015-03-25

[41] 2015-09-28

[30] JP (2014-070148) 2014-03-28

[30] JP (2015-038737) 2015-02-27

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[21] **2,885,950**  
[13] A1

[51] **Int.Cl. G06F 3/0481 (2013.01) G06F 3/0488 (2013.01)**  
[25] EN  
[54] **INTERACTIVE INPUT SYSTEM AND METHOD FOR GROUPING GRAPHICAL OBJECTS**  
[54] **SYSTEME D'ENTREE INTERACTIF ET METHODE DE GROUPEMENT D'OBJETS GRAPHIQUES**  
[72] BARABASH, KEVIN, CA  
[72] ROUNDING, MICHAEL, CA  
[72] CHAN, CHRIS, CA  
[72] LAM, CLINTON, CA  
[72] PERCIVAL, NICOLE, CA  
[72] PRESSER, BONNIE, CA  
[71] SMART TECHNOLOGIES ULC, CA  
[22] 2015-03-25  
[41] 2015-09-28  
[30] US (61/971786) 2014-03-28

[21] **2,885,951**  
[13] A1

[51] **Int.Cl. E01C 23/00 (2006.01) A01B 27/00 (2006.01) A01B 29/00 (2006.01) E02F 5/00 (2006.01)**  
[25] EN  
[54] **ATTACHMENT FOR CLEARANCE OF WORKSITES**  
[54] **ACCESSOIRE DE NETTOYAGE DE SITES DE TRAVAIL**  
[72] HOWE, TODD, US  
[72] HUBKEY, EDWARD C., US  
[71] IRONWOLF MANUFACTURING, LLC, D/B/A IRONWOLF, US  
[22] 2015-03-25  
[41] 2015-09-28  
[30] US (61/971871) 2014-03-28

[21] **2,886,072**  
[13] A1

[51] **Int.Cl. C02F 9/04 (2006.01) C02F 1/42 (2006.01) C02F 5/02 (2006.01) F22B 5/04 (2006.01) F22B 29/02 (2006.01) F22B 37/48 (2006.01) F22D 1/00 (2006.01)**  
[25] EN  
[54] **STEAM GENERATION SYSTEM**  
[54] **SYSTEME DE PRODUCTION DE VAPEUR**  
[72] BURG, BERTRAND FRANCOIS MATHIAS, CA  
[72] BERNAR, RODGER FRANCESCO, CA  
[72] ADAIKIN, ANDREY, CA  
[72] JIA, LEI, CA  
[72] LEE, KEITH MARCUS, CA  
[72] DOUGLAS, SHELDON WALLACE, CA  
[72] YOUNG, JAC, CA  
[71] HUSKY OIL OPERATIONS LIMITED, CA  
[22] 2015-03-25  
[41] 2015-09-28  
[30] US (61/971605) 2014-03-28

[21] **2,886,082**  
[13] A1

[51] **Int.Cl. A61B 10/04 (2006.01) A61B 17/32 (2006.01) A61M 25/00 (2006.01)**  
[25] EN  
[54] **DEVICES, SYSTEMS, AND METHODS FOR OBTAINING A TISSUE SAMPLE USING A BIOPSY TOOL**  
[54] **DISPOSITIFS, SYSTEMES ET METHODES D'OBTENTION D'UN ECHANTILLON DE TISSUS A L'AIDE D'UN OUTIL DE BIOPSIE**  
[72] LEE, MICHAEL, US  
[72] KRIMSKY, WILLIAM, US  
[71] COVIDIEN LP, US  
[22] 2015-03-26  
[41] 2015-09-28  
[30] US (61/971,812) 2014-03-28  
[30] US (14/664,318) 2015-03-20

[21] **2,886,131**  
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01) G06Q 20/20 (2012.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR DETERMINING AND COMMUNICATING NOTIFICATION MESSAGES TO A POINT OF SALE DEVICE**  
[54] **SYSTEMES ET METHODES DE DETERMINATION ET DE COMMUNICATION DE MESSAGES DE NOTIFICATION A UN DISPOSITIF DE POINT DE VENTE**  
[72] PINSONNEAULT, ROGER G., US  
[72] DACOSTA, PATRICIA A., US  
[71] MCKESSON FINANCIAL HOLDINGS, BM  
[22] 2015-03-25  
[41] 2015-09-30  
[30] US (14/231124) 2014-03-31

[21] **2,886,150**  
[13] A1

[51] **Int.Cl. F04D 25/08 (2006.01) F04D 25/06 (2006.01) F24F 7/007 (2006.01) F24F 13/32 (2006.01)**  
[25] EN  
[54] **AXIAL FLOW AIR CIRCULATOR**  
[54] **DISPOSITIF DE CIRCULATION D'AIR AXIAL**  
[72] WESTBROOK, KURT, US  
[72] BARTLEY, SETH A., US  
[72] MARTINEZ, DAVID A., US  
[71] SHOP VAC CORPORATION, US  
[22] 2015-03-25  
[41] 2015-09-28  
[30] US (14/228,339) 2014-03-28

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**27 septembre 2015 au 3 octobre 2015**

[21] **2,886,164**  
[13] A1

[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/20 (2012.01) G06Q 20/32 (2012.01)**  
 [25] EN  
 [54] **METHOD FOR VERIFYING THE AUTHENTICITY OF A TERMINAL, CORRESPONDING DEVICE AND PROGRAM**  
 [54] **METHODE DE VERIFICATION DE L'AUTHENTICITE D'UN TERMINAL, DISPOSITIF ET PROGRAMME CORRESPONDANTS**  
 [72] NACCACHE, DAVID, FR  
 [72] SOUBIRANE, ALAIN, FR  
 [72] MAYER, LAURENT, FR  
 [72] DABBOUS, NORA, FR  
 [72] QUENTIN, PIERRE, FR  
 [71] COMPAGNIE INDUSTRIELLE ET FINANCIERE D'INGENIERIE "INGENICO", FR  
 [22] 2015-03-24  
 [41] 2015-09-30  
 [30] FR (1452829) 2014-03-31

[21] **2,886,172**  
[13] A1

[51] **Int.Cl. B05B 1/00 (2006.01) B05B 1/30 (2006.01)**  
 [25] FR  
 [54] **COMPRESSED AIR GUN**  
 [54] **SOUFFLETTE A AIR COMPRI ME**  
 [72] TIBERGHEN, ALAIN-CHRISTOPHE, FR  
 [72] CHAMBAUD, ANTOINE, FR  
 [71] STAUBLI FAVERGES, FR  
 [22] 2015-03-24  
 [41] 2015-09-30  
 [30] FR (14 52 825) 2014-03-31

[21] **2,886,195**  
[13] A1

[51] **Int.Cl. A01D 90/10 (2006.01) B60P 1/42 (2006.01)**  
 [25] EN  
 [54] **GRAIN CART WITH FOLDING AUGER HAVING ADJUSTABLE ELEVATION**  
 [54] **CHARIOT A GRAIN DOTE DE VIS SANS FIN PLIANTES OFFRANT UNE ELEVATION AJUSTABLE**  
 [72] VAN MILL, MICHAEL D., US  
 [72] SCHLIMGEN, RONALD J., US  
 [71] UNVERFERTH MANUFACTURING COMPANY, INC., US  
 [22] 2015-03-26  
 [41] 2015-09-30  
 [30] US (14/231,166) 2014-03-31  
 [30] US (61/982,693) 2014-04-22  
 [30] US (14/642,449) 2015-03-09

[21] **2,886,203**  
[13] A1

[51] **Int.Cl. A01B 35/22 (2006.01) E02F 5/32 (2006.01)**  
 [25] EN  
 [54] **SHARK FIN WEAR BAR**  
 [54] **INDICATEUR D'USURE D'AILERON DE REQUIN**  
 [72] MAENLE, WILLIAM C., US  
 [71] UNVERFERTH MANUFACTURING COMPANY, INC., US  
 [22] 2015-03-26  
 [41] 2015-09-30  
 [30] US (61/973,106) 2014-03-31

[21] **2,886,226**  
[13] A1

[51] **Int.Cl. E05C 17/02 (2006.01)**  
 [25] EN  
 [54] **WINDOW OPENING CONTROL DEVICE FOR HORIZONTAL AND VERTICAL SLIDING WINDOWS**  
 [54] **DISPOSITIF DE COMMANDE D'OUVERTURE DE FENETRE POUR FENETRES COULISSANTES HORIZONTALES OU VERTICALES**  
 [72] CURTIS, DANIEL JON, US  
 [72] SOPKOWIAK, JOHN JOSEPH, US  
 [71] MARVIN LUMBER AND CEDAR COMPANY, D/B/A MARVIN WINDOWS AND DOORS, US  
 [22] 2015-03-26  
 [41] 2015-09-27  
 [30] US (61/967,837) 2014-03-27

[21] **2,886,309**  
[13] A1

[51] **Int.Cl. B01F 7/22 (2006.01) B01F 13/08 (2006.01)**  
 [25] EN  
 [54] **MAGNETICALLY COUPLED MIXER WITH THRUST BEARING FRICTION CONTROL**  
 [54] **MELANGEUR COUPLE MAGNETIQUEMENT A COMMANDE DE FRICTION A PALIER DE BUTEE**  
 [72] ROZY, YORAM, US  
 [72] EMBURY, MARK R., US  
 [72] MORGAN, JOSEPH BENJAMIN, US  
 [71] ASEPCO, US  
 [22] 2015-03-27  
 [41] 2015-09-28  
 [30] US (14/229,371) 2014-03-28

[21] **2,886,343**  
[13] A1

[51] **Int.Cl. F24D 13/02 (2006.01) E04B 5/48 (2006.01) F16L 3/00 (2006.01) H05B 3/02 (2006.01)**  
 [25] EN  
 [54] **ELECTRIC RADIANT HEATING ELEMENT POSITIONING MATS, AND RELATED METHODS**  
 [54] **TAPIS DE POSITIONNEMENT D'ELEMENT CHAUFFANT ELECTRIQUE RADIANT ET METHODES CONNEXES**  
 [72] FUHRMAN, MICHAEL D., US  
 [71] FUHRMAN, MICHAEL D., US  
 [22] 2015-03-25  
 [41] 2015-09-28  
 [30] US (61/972,089) 2014-03-28

[21] **2,886,346**  
[13] A1

[51] **Int.Cl. B44D 3/00 (2006.01) B42F 3/00 (2006.01)**  
 [25] EN  
 [54] **COLOR FAN DECK WITH REMOVABLE BLADES**  
 [54] **VENTILATEUR DE TERRASSE COLORE DOTE DE PALES AMOVIBLES**  
 [72] WINTER, STEVEN B., US  
 [72] LERNER, STANLEY I., US  
 [71] COLOR COMMUNICATIONS, INC., US  
 [22] 2015-03-27  
 [41] 2015-09-28  
 [30] US (61/972,192) 2014-03-28

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[21] **2,886,350**  
[13] A1

[51] **Int.Cl. B62K 11/14 (2006.01) B62K 23/02 (2006.01)**  
[25] EN  
[54] **SADDLE-TYPE VEHICLE**  
[54] **VEHICULE DE TYPE EN FORME DE SELLE**  
[72] SAKAMOTO, NAOKI, JP  
[72] NISHIOKA, OSAMU, JP  
[72] MIZUNO, KINYA, JP  
[71] HONDA MOTOR CO., LTD., JP  
[22] 2015-03-25  
[41] 2015-09-30  
[30] JP (2014-072612) 2014-03-31

[21] **2,886,352**  
[13] A1

[51] **Int.Cl. B62D 25/08 (2006.01) A63B 55/60 (2015.01) B62D 25/24 (2006.01)**  
[25] EN  
[54] **PERIPHERAL STRUCTURE OF FRONT HOOD OF VEHICLE**  
[54] **STRUCTURE PERIPHERIQUE DE CAPOT AVANT DE VEHICULE**  
[72] KARUBE, SHINICHI, JP  
[72] KATSUTA, TAKAHIRO, JP  
[71] HONDA MOTOR CO., LTD., JP  
[22] 2015-03-25  
[41] 2015-09-30  
[30] JP (2014-073706) 2014-03-31

[21] **2,886,358**  
[13] A1

[51] **Int.Cl. B65D 83/60 (2006.01)**  
[25] EN  
[54] **AEROSOL REFILL CARTRIDGE**  
[54] **CARTOUCHE DE RECHARGE D'AEROSOL**  
[72] LEVENSTEIN, LAWRENCE M., US  
[72] THIBODEAU, ROBERT D., US  
[72] WILLIAMS, ERIC A., US  
[71] C.H. & I. TECHNOLOGIES, INC., US  
[22] 2015-03-27  
[41] 2015-09-28  
[30] US (14/229,259) 2014-03-28

[21] **2,886,361**  
[13] A1

[51] **Int.Cl. A61M 27/00 (2006.01) A61M 1/00 (2006.01)**  
[25] EN  
[54] **EXTERNAL VOLUME-LIMITING CSF DRAINAGE SYSTEM**  
[54] **SYSTEME D'EVACUATION DE LSR A LIMITATION DE VOLUME EXTERNE**  
[72] FIFOLT, DOUGLAS, US  
[72] TURGEON, CARL, US  
[72] BODEN, THOMAS, JR., US  
[71] DEPUY SYNTHES PRODUCTS, INC., US  
[22] 2015-03-26  
[41] 2015-09-30  
[30] US (14/230,578) 2014-03-31

[21] **2,886,364**  
[13] A1

[51] **Int.Cl. A61B 18/14 (2006.01) A61B 5/01 (2006.01) A61B 5/053 (2006.01) A61M 25/10 (2013.01)**  
[25] EN  
[54] **TEMPERATURE MEASUREMENT IN CATHETER**  
[54] **MESURE DE LA TEMPERATURE DANS UN CATHETERE**  
[72] GOVARI, ASSAF, IS  
[72] BEECKLER, CHRISTOPHER THOMAS, US  
[72] ALTMANN, ANDRES CLAUDIO, IL  
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL  
[22] 2015-03-26  
[41] 2015-09-27  
[30] US (61/971,135) 2014-03-27

[21] **2,886,427**  
[13] A1

[51] **Int.Cl. B60S 3/04 (2006.01)**  
[25] EN  
[54] **TOUCHLESS VEHICLE WASH WITH CONVEYER SYSTEM**  
[54] **LAVE-AUTO SANS CONTACT EQUIPE D'UN SYSTEME DE CONVOYEUR**  
[72] OLIVER, RYAN D., CA  
[71] OLIVER, RYAN D., CA  
[22] 2015-03-26  
[41] 2015-09-28  
[30] US (61971564) 2014-03-28

[21] **2,886,429**  
[13] A1

[51] **Int.Cl. G06F 3/0481 (2013.01) G06Q 10/10 (2012.01) G06F 3/14 (2006.01)**  
[25] EN  
[54] **METHOD FOR PARTITIONING, MANAGING AND DISPLAYING A COLLABORATION SPACE AND INTERACTIVE INPUT SYSTEM EMPLOYING SAME**  
[54] **METHODE DE PARTITION, GESTION ET AFFICHAGE D'UN ESPACE DE COLLABORATION ET SYSTEME D'ENTREE INTERACTIF EN FAISANT USAGE**  
[72] XIN, MIN, CA  
[71] SMART TECHNOLOGIES ULC, CA  
[22] 2015-03-26  
[41] 2015-09-28  
[30] US (61/971617) 2014-03-28

[21] **2,886,447**  
[13] A1

[51] **Int.Cl. E21B 15/04 (2006.01) E21B 19/16 (2006.01)**  
[25] EN  
[54] **SLANT DRILL RIG TONG CART**  
[54] **CHARIOT A CLES A TIGES POUR APPAREIL DE FORAGE INCLINE**  
[72] HICKIE, RICHARD, CA  
[71] NABORS DRILLING CANADA LIMITED, CA  
[22] 2015-03-26  
[41] 2015-09-27  
[30] US (61/971,447) 2014-03-27  
[30] US (14/668,773) 2015-03-25

[21] **2,886,461**  
[13] A1

[51] **Int.Cl. F16C 3/06 (2006.01) F16C 3/20 (2006.01) F16C 9/02 (2006.01) F16F 15/26 (2006.01)**  
[25] EN  
[54] **TUNNEL-STYLE CRANKSHAFT WITH COUNTERWEIGHTS OF INCREASED RADIAL PROFILE**  
[54] **VILEBREQUIN DE STYLE TUNNEL DOTE DE CONTREPOIDS A PROFIL RADIAL CROISSANT**  
[72] PETERSON, SCOTT D., US  
[71] GARDNER DENVER PETROLEUM PUMPS, LLC, US  
[22] 2015-03-26  
[41] 2015-09-27  
[30] US (14/227,906) 2014-03-27

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**27 septembre 2015 au 3 octobre 2015**

[21] **2,886,478**  
 [13] A1

[51] **Int.Cl. A61J 3/10 (2006.01) A61K 9/20 (2006.01) A61K 31/192 (2006.01) A61K 47/44 (2006.01)**

[25] EN

[54] **DIRECTLY COMPRESSIBLE PROPIONIC ACID DERIVATIVE PARTICLES**

[54] **PARTICULES DERIVEES D'ACIDE PROPIONIQUE COMPRESSIBLES DIRECTEMENT**

[72] BAGCHI, SAUMITRA, US

[72] VUPPALA, MURALI K., US

[71] MCNEIL-PPC, INC., US

[22] 2015-03-27

[41] 2015-09-28

[30] US (14/228,957) 2014-03-28

[21] **2,886,497**  
 [13] A1

[51] **Int.Cl. A61F 2/08 (2006.01) A61B 17/88 (2006.01) A61B 19/02 (2006.01) A61F 2/00 (2006.01)**

[25] EN

[54] **IMPLANT AND FILAMENT MANAGEMENT DEVICE**

[54] **IMPLANT ET DISPOSITIF DE GESTION DE FILAMENT**

[72] MARKS, JACOB A., US

[72] PASQUALI, MEGHAN A., US

[72] DUFOUR, DANIELLE, US

[71] MEDOS INTERNATIONAL SARL, CH

[22] 2015-03-27

[41] 2015-09-28

[30] US (14/229,504) 2014-03-28

[21] **2,886,532**  
 [13] A1

[51] **Int.Cl. B65D 50/14 (2006.01) A61J 1/03 (2006.01) E05B 47/00 (2006.01) A45C 11/00 (2006.01)**

[25] EN

[54] **NOVEL PORTABLE SECURE STORAGE DEVICES**

[54] **DISPOSITIF DE STOCKAGE SECURISE PORTATIF NOVATEUR**

[72] GORDON, GRAEME, US

[71] SNOOPGUARD LLC, US

[22] 2015-03-27

[41] 2015-09-29

[30] US (61/972,258) 2014-03-29

[30] US (61/994,120) 2014-05-16

[21] **2,886,486**  
 [13] A1

[51] **Int.Cl. G09B 5/06 (2006.01) A61B 5/16 (2006.01)**

[25] EN

[54] **ADAPTIVE COGNITIVE SKILLS ASSESSMENT AND TRAINING EVALUATION DE COMPETENCES COGNITIVES ADAPTATIVES ET ENTRAINEMENT**

[72] HARRISON, JOHN EDWARD, GB

[72] VAN RIJSWIJK, JURRIAN HUBRECHT, GB

[72] SPARROWHAWK, KEIRON THOMAS, GB

[72] KNIGHT, DUNCAN ANDREW, GB

[71] MYCOGNITION LIMITED, GB

[22] 2015-03-27

[41] 2015-09-27

[30] US (61/971,298) 2014-03-27

[30] US (14/670,239) 2015-03-26

[21] **2,886,527**  
 [13] A1

[51] **Int.Cl. E21B 33/13 (2006.01) E21B 33/068 (2006.01) E21B 43/267 (2006.01)**

[25] EN

[54] **FRAC BALL AND HYDRAULIC FRACTURING SYSTEM**

[54] **BILLE DE FRACTURATION ET DISPOSITIF DE FRACTURATION HYDRAULIQUE**

[72] GETZLAF, DON, CA

[72] RAVENSBERGEN, JOHN, CA

[71] NCS MULTISTAGE INC., CA

[22] 2015-03-30

[41] 2015-09-28

[30] US (61/971,844) 2014-03-28

[21] **2,886,589**  
 [13] A1

[51] **Int.Cl. F26B 23/02 (2006.01) F02G 5/02 (2006.01) F24H 3/00 (2006.01) F26B 3/04 (2006.01) F26B 21/14 (2006.01)**

[25] EN

[54] **ENGINE EXHAUST-DRIVEN HEATING DEVICE FOR USE IN PORTABLE SURFACE DRYING EQUIPMENT**

[54] **DISPOSITIF DE CHAUFFAGE ENTRAINE PAR L'ECHAPPEMENT DU MOTEUR SERVANT DANS UN EQUIPEMENT PORTATIF DE SECHAGE DE SURFACE**

[72] ROBINSON, JOHN W., JR., US

[72] BRUSH, ROBERT, CA

[71] GREEN FLAG SURFACE TECH INC., CA

[22] 2015-03-30

[41] 2015-09-28

[30] US (61/971,675) 2014-03-28

[30] US (14/672,475) 2015-03-30

[21] **2,886,496**  
 [13] A1

[51] **Int.Cl. A61B 19/02 (2006.01) A61B 17/06 (2006.01) A61B 17/88 (2006.01)**

[25] EN

[54] **IMPLANT AND FILAMENT MANAGEMENT DEVICE**

[54] **DISPOSITIF DE GESTION DE FILAMENT ET D'IMPLANT**

[72] MARKS, JACOB A., US

[72] PASQUALI, MEGHAN A., US

[72] DUFOUR, DANIELLE, US

[71] MEDOS INTERNATIONAL SARL, CH

[22] 2015-03-27

[41] 2015-09-28

[30] US (14/229,498) 2014-03-28

[21] **2,886,531**  
 [13] A1

[51] **Int.Cl. H04L 29/02 (2006.01) H04W 12/06 (2009.01) G05D 23/19 (2006.01) G08B 21/18 (2006.01) H04L 7/00 (2006.01) H04L 12/16 (2006.01)**

[25] EN

[54] **THERMOSTAT CODE INPUT SYSTEM AND METHOD THEREFOR**

[54] **DISPOSITIF D'ENTREE DE CODE POUR THERMOSTAT ET METHODE ASSOCIEE**

[72] POPLAWSKI, DANIEL S., US

[72] SODERLUND, ERNEST E., US

[71] BRAEBURN SYSTEMS, LLC, US

[22] 2015-03-27

[41] 2015-09-27

[30] US (61/971,241) 2014-03-27

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[21] **2,886,593**  
[13] A1

[51] **Int.Cl. B60B 33/00 (2006.01) B60S 5/00 (2006.01) B62B 5/00 (2006.01)**

[25] EN

[54] **CASTER WHEEL WITH CONSTANT FORCE MECHANISM**

[54] **ROUE PIVOTANTE AVEC MECANISME A FORCE CONSTANTE**

[72] GONCALVES, FERNANDO D., US

[72] FINNEGAN, PAUL F., US

[72] SIGMAN, GREG, US

[72] BROWN, MICHAEL V., US

[71] THE RAYMOND CORPORATION, US

[22] 2015-03-31

[41] 2015-10-01

[30] US (14/242,491) 2014-04-01

[21] **2,886,609**  
[13] A1

[51] **Int.Cl. H04M 3/50 (2006.01) G10L 15/00 (2013.01) H04L 12/58 (2006.01) H04M 3/22 (2006.01)**

[25] EN

[54] **COMPUTER-IMPLEMENTED CALL CENTER ARCHITECTURE AND METHOD FOR OPTIMIZING CUSTOMER EXPERIENCE THROUGH IN-BAND EXPERT INTERVENTION**

[54] **ARCHITECTURE DE CENTRE D'APPEL INFORMATISE ET METHODE D'OPTIMISATION DE L'EXPERIENCE CLIENT PAR INTERVENTION D'EXPERT INTEGRE DANS LA BANDE**

[72] MILSTEIN, DAVID, US

[72] ODINAK, GILAD, US

[72] LEE, HOWARD M., US

[71] INTELLISIST, INC., US

[22] 2015-03-26

[41] 2015-09-28

[30] US (61/972,150) 2014-03-28

[30] US (14/668,806) 2015-03-25

[21] **2,886,729**  
[13] A1

[51] **Int.Cl. B23K 26/24 (2014.01) B23K 26/142 (2014.01)**

[25] EN

[54] **METHOD OF SEAMLESS BONDING AND DEVICE THEREFOR**

[54] **METHODE DE COLLAGE INVISIBLE ET APPAREIL ASSOCIE**

[72] VERRIER, PIERRE, CA

[71] PRATT & WHITNEY CANADA CORP., CA

[22] 2015-03-27

[41] 2015-09-28

[30] US (61/971,606) 2014-03-28

[21] **2,886,734**  
[13] A1

[51] **Int.Cl. A43B 3/00 (2006.01)**

[25] EN

[54] **SHOE WITH MAGNETICALLY ATTACHABLE DECORATIVE ACCESSORY**

[54] **CHAUSSURE GARNIE D'UN ACCESSOIRE DECORATIF AIMANTE AMOVIBLE**

[72] BROWN, SHELLY, US

[71] SOUTHERN HIDE, INC., US

[22] 2015-03-30

[41] 2015-09-28

[30] US (14/229,012) 2014-03-28

[21] **2,886,813**  
[13] A1

[51] **Int.Cl. B26B 9/00 (2006.01) B26B 3/00 (2006.01) B26B 3/02 (2006.01)**

[25] EN

[54] **FILLETING KNIFE BLADE**

[54] **LAME DE COUTEAU POUR DECOUPAGE DE FILET**

[72] SCOBIE, MICHAEL A. N., CA

[71] SCOBIE, MICHAEL A. N., CA

[22] 2015-03-27

[41] 2015-09-28

[30] US (61/971807) 2014-03-28

[21] **2,886,950**  
[13] A1

[51] **Int.Cl. H04W 12/06 (2009.01) H04W 4/24 (2009.01) G06F 21/31 (2013.01) H04B 1/69 (2011.01) G06Q 40/02 (2012.01)**

[25] EN

[54] **USER AUTHENTICATION**

[54] **AUTHENTIFICATION D'UTILISATEUR**

[72] GOLDSTONE, JEREMY, GB

[72] DWYER, DERMOT JOHN, GB

[71] BARCLAYS BANK PLC, GB

[22] 2015-03-31

[41] 2015-10-03

[30] GB (1406041.2) 2014-04-03

[21] **2,886,988**  
[13] A1

[51] **Int.Cl. E21B 33/10 (2006.01) E21B 33/124 (2006.01) E21B 33/129 (2006.01)**

[25] EN

[54] **DISSOLVABLE ALUMINUM DOWNHOLE PLUG**

[54] **BOUCHON DE FOND DE TROU EN ALUMINIUM DISSOLVABLE**

[72] FRAZIER, W. LYNN, US

[71] MAGNUM OIL TOOLS INTERNATIONAL, LTD., US

[22] 2015-04-02

[41] 2015-10-02

[30] US (61/974,065) 2014-04-02

[30] US (62/003,616) 2014-05-28

[30] US (62/019,679) 2014-07-01

[21] **2,887,031**  
[13] A1

[51] **Int.Cl. G01S 15/89 (2006.01)**

[25] EN

[54] **SONAR MAPPING SYSTEM**

[54] **DISPOSITIF DE MAPPAGE POUR SONAR**

[72] PELIN, PER, SE

[72] HARRINGTON, SCOTT A., US

[71] JOHNSON OUTDOORS INC., US

[22] 2015-04-02

[41] 2015-10-03

[30] US (61/974,505) 2014-04-03

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**27 septembre 2015 au 3 octobre 2015**

[21] **2,887,074**  
 [13] A1

[51] **Int.Cl. B07B 1/46 (2006.01)**  
 [25] EN  
 [54] **LATERAL SEALING FOR FLIP-FLOW SCREEN**  
 [54] **JOINT LATERAL POUR FILTRE A BASCULE**  
 [72] KARL, CHRISTIAN, AT  
 [71] IFE AUFBEREITUNGSTECHNIK GMBH, AT  
 [22] 2015-04-01  
 [41] 2015-10-03  
 [30] EP (14163395.8) 2014-04-03

[21] **2,887,208**  
 [13] A1

[51] **Int.Cl. G01S 17/89 (2006.01) G01B 21/00 (2006.01)**  
 [25] EN  
 [54] **POSITION AND LOCATION DETECTION OF OBJECTS**  
 [54] **DETECTION DE POSITION ET D'EMPLACEMENT D'OBJETS**  
 [72] AHRNS, INGO, DE  
 [72] HASKAMP, CHRISTOPH, DE  
 [71] AIRBUS DS GMBH, DE  
 [22] 2015-04-01  
 [41] 2015-10-03  
 [30] DE (10 2014 005 181.1) 2014-04-03

[21] **2,887,280**  
 [13] A1

[51] **Int.Cl. F04D 29/04 (2006.01) F04D 13/08 (2006.01) F04D 29/40 (2006.01) F16C 33/02 (2006.01)**  
 [25] EN  
 [54] **APPARATUS AND SYSTEM FOR A THRUST-ABSORBING HORIZONTAL SURFACE PUMP ASSEMBLY**  
 [54] **APPAREIL ET SYSTEME DESTINES A UN DISPOSITIF DE POMPE DE SURFACE HORIZONTALE ABSORBANT LA POUSSEE**  
 [72] ST. JOHN, BRENT DAVID, US  
 [72] NICHOLSON, RYAN MICHAEL, US  
 [72] LUNK, DAVID, US  
 [72] PARMETER, LARRY JAMES, US  
 [72] LEAMY, BRETT, US  
 [72] JOHNSON, KEITH LEON, US  
 [72] KENNER, JOHN VANDERSTAAY, US  
 [72] GOTTSCHALK, THOMAS JOHN, US  
 [71] SUMMIT ESP, LLC, US  
 [22] 2015-04-02  
 [41] 2015-10-03  
 [30] US (61/974,907) 2014-04-03  
 [30] US (14/274,233) 2014-05-09  
 [30] US (14/657,835) 2015-03-13

[21] **2,887,411**  
 [13] A1

[51] **Int.Cl. G06Q 40/08 (2012.01)**  
 [25] EN  
 [54] **SYSTEM AND METHOD FOR MANAGING UNDERWRITING USING A RISK ORDER APPROACH**  
 [54] **SYSTEME ET METHODE DE GESTION D'EMISSION A L'AIDE D'UNE APPROCHE D'ARRETE DE PERIL**  
 [72] GABRIEL, MATTHEW F., US  
 [72] O'SULLIVAN, DARAGH, US  
 [71] JOHN HANCOCK LIFE INSURANCE COMPANY (U.S.A.), US  
 [22] 2015-04-07  
 [41] 2015-10-03  
 [30] US (61/974,868) 2014-04-03  
 [30] US (14/678,605) 2015-04-03

[21] **2,887,731**  
 [13] A1

[51] **Int.Cl. A61F 13/15 (2006.01) A41B 9/12 (2006.01) A41D 13/12 (2006.01)**  
 [25] EN  
 [54] **OSTOMY GARMENT**  
 [54] **VETEMENT POUR STOMISE**  
 [72] APPELDOORN, BRANDEE, CA  
 [71] JOEIES, CA  
 [22] 2015-04-07  
 [41] 2015-10-03  
 [30] US (61/974,830) 2014-04-03

[21] **2,893,274**  
 [13] A1

[51] **Int.Cl. F03B 13/08 (2006.01) E02B 9/00 (2006.01) F03B 17/04 (2006.01) F03C 1/26 (2006.01)**  
 [25] EN  
 [54] **WORLD'S FIRST UNDERGROUND SEA HYDROPOWER PLANT (KRISHNA'S SYRINGE METHOD)**  
 [54] **PREMIERE CENTRALE DE PRODUCTION D'ENERGIE MARINE SOUTERRAINE AU MONDE (PROCEDE DE LA SERINGUE DE KRISHNA)**  
 [72] KRISHNAMOORTHY, SRINIVASAN, CA  
 [71] KRISHNAMOORTHY, SRINIVASAN, CA  
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[13] A1

[51] **Int.Cl. A61F 2/42 (2006.01)**  
[25] EN  
[54] **HAMMER TOE IMPLANT  
IMPLANT POUR ORTEIL EN  
MARTEAU**

[72] SANDER, ELIZABETH J., US  
[72] PETTEYS, CHRISTINE M., US  
[71] WRIGHT MEDICAL TECHNOLOGY,  
INC., US

[85] 2014-06-17  
[86] 2014-03-28 (PCT/US2014/032103)  
[87] (2861655)  
[30] US (PCT/US2014/032103) 2014-03-28

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[21] **2,896,933**  
[13] A1

[51] **Int.Cl. A61F 2/42 (2006.01)**  
[25] EN  
[54] **RETROGRADED HAMMERTOE  
COMPRESSION SCREW  
IMPLANT AND METHODS OF  
IMPLANTING THE SAME**

[54] **IMPLANT VISSE DE  
COMPRESSION D'ORTEIL EN  
MARTEAU RETROMORPHOSE  
ET SES METHODES  
D'INSTALLATION**

[72] MCCORMICK, DANIEL F., US  
[72] HARNESS, DAVID, US  
[72] CUMMINGS, SHANNON, US  
[71] WRIGHT MEDICAL TECHNOLOGY,  
INC., US

[85] 2015-04-20  
[86] 2014-03-28 (PCT/US2014/032105)  
[87] (2896933)

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[21] **2,900,522**  
[13] A1

[51] **Int.Cl. B61L 27/00 (2006.01) B61L  
15/00 (2006.01)**

[25] EN  
[54] **TRAIN NETWORK  
MANAGEMENT SYSTEM AND  
METHOD**

[54] **SYSTEME ET PROCEDE DE  
GESTION DE RESEAU  
FERROVIAIRE**

[72] NAYLOR, MICHAEL A., US  
[71] WABTEC HOLDING CORP., US

[85] 2015-08-06  
[86] 2014-03-12 (PCT/US2014/024159)  
[87] (WO2014/165024)  
[30] US (61/779,541) 2013-03-13

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[21] **2,903,972**  
[13] A1

[51] **Int.Cl. A61K 8/02 (2006.01) A61Q  
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[25] EN  
[54] **PIGMENTED SKIN-CARE  
COMPOSITIONS**

[54] **PRODUITS DE SOIN POUR PEAUX  
PIGMENTEES**

[72] BALLESTEROS, ANN THEODORE,  
US  
[72] PITT, STEPHEN WILLIAM, US  
[71] JOHNSON & JOHNSON CONSUMER  
INC., US

[85] 2015-09-03  
[86] 2014-03-04 (PCT/US2014/020259)  
[87] (WO2014/164057)  
[30] US (13/799,099) 2013-03-13

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[21] **2,904,182**  
[13] A1

[51] **Int.Cl. A01G 23/083 (2006.01) A01G  
23/091 (2006.01)**

[25] EN  
[54] **A TIMBER-WORKING DEVICE  
AND METHOD OF OPERATION**

[54] **DISPOSITIF DE TRAVAIL DE  
BOIS D'UVRE ET PROCEDE DE  
FONCTIONNEMENT**

[72] COLLIER, FRANCIS, NZ  
[72] GAMBLE, PAUL, NZ  
[71] WARATAH NZ LIMITED, NZ

[85] 2015-09-04  
[86] 2014-12-02 (PCT/NZ2014/000242)  
[87] (WO2015/084186)  
[30] NZ (618423) 2013-12-02  
[30] NZ (631486) 2014-09-12

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[21] **2,904,387**  
[13] A1

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

[25] EN  
[54] **METHODS OF TREATING  
INFECTIONS IN OVERWEIGHT  
AND OBESE PATIENTS USING  
ANTIBIOTICS**

[54] **PROCEDES DE TRAITEMENT  
D'INFECTIONS CHEZ DES  
PATIENTS ATTEINTS DE  
SURPOIDS ET D'OBESITE  
UTILISANT D'ANTIBIOTIQUES**

[72] DUFFY, ERIN M., US  
[71] MELINTA THERAPEUTICS, INC.,  
US

[85] 2015-09-04  
[86] 2014-03-14 (PCT/US2014/027220)  
[87] (WO2014/152332)  
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[13] A1

[51] **Int.Cl. B62B 3/10 (2006.01) B62B 3/12 (2006.01) B62B 3/14 (2006.01)**

[25] EN

[54] **TROLLEY FOR SHOPPING IN MALLS AND SHOPPING CENTERS**

[54] **CHARIOT POUR ACHATS DANS DES CENTRES COMMERCIAUX**

[72] OBRADORS GOMEZ, ANA, ES

[71] OBRADORS GOMEZ, ANA, ES

[85] 2015-09-03

[86] 2014-02-22 (PCT/ES2014/070134)

[87] (WO2014/135725)

[30] ES (P201330306) 2013-03-04

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[21] **2,904,481**  
[13] A1

[51] **Int.Cl. F02C 7/232 (2006.01) F02C 9/26 (2006.01) F23K 5/14 (2006.01) F23R 3/36 (2006.01)**

[25] EN

[54] **COMPACT DOSING DEVICE FOR AN INJECTOR WITH TWO FUEL CIRCUITS FOR AN AIRCRAFT TURBOMACHINE**

[54] **DISPOSITIF DE DOSAGE COMPACT POUR INJECTEUR A DEUX CIRCUITS DE CARBURANT POUR UNE TURBOMACHINE D'AERONEF**

[72] CHABAILLE, CHRISTOPHE, FR

[72] LOVAL, SEBASTIEN, FR

[71] SNECMA, FR

[85] 2015-08-31

[86] 2014-03-05 (PCT/FR2014/050499)

[87] (WO2014/135797)

[30] FR (13 51946) 2013-03-05

[30] FR (13 60197) 2013-10-18

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[21] **2,904,530**  
[13] A1

[51] **Int.Cl. E02B 17/00 (2006.01) E02B 17/02 (2006.01)**

[25] EN

[54] **ARCTIC TELESCOPING MOBILE OFFSHORE DRILLING UNIT**

[54] **UNITE MOBILE TELESCOPIQUE DE FORAGE EN MILIEU ARCTIQUE MARIN**

[72] YOUNAN, ADEL H., US

[72] HAMILTON, JED M., US

[72] AUDIBERT, JEAN M., US

[72] LEE, YEW CHOONG PATRICK, US

[71] EXXON-MOBIL UPSTREAM RESEARCH COMPANY, US

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[86] 2014-03-18 (PCT/US2014/031097)

[87] (WO2014/168741)

[30] US (61/810,576) 2013-04-10

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[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/16 (2006.01) E21B 43/10 (2006.01)**

[25] EN

[54] **BIG GAP ELEMENT SEALING SYSTEM**

[54] **SYSTEME D'ETANCHEITE D'ELEMENT A GRAND ESPACE**

[72] NGUYEN, THOM, US

[72] TURLEY, ROCKY, US

[71] WEATHERFORD/LAMB, INC., US

[85] 2015-09-04

[86] 2014-03-28 (PCT/US2014/032236)

[87] (WO2014/160972)

[30] US (61/806,506) 2013-03-29

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[21] **2,904,533**  
[13] A1

[51] **Int.Cl. C07D 311/34 (2006.01) A61K 31/352 (2006.01) A61K 35/28 (2015.01) A61P 19/08 (2006.01) C07C 237/28 (2006.01) C07D 493/04 (2006.01)**

[25] EN

[54] **ENHANCED OSTEOGENIC ACTIVITY OF DAIDZEIN ANALOGS ON HUMAN MESENCHYMAL STEM CELLS**

[54] **ACTIVITE OSTEOGENIQUE ACCRUE D'ANALOGUES DE LA DAIDZEIN SUR LES CELLULES SOUCHES MESENCHYMATEUSES HUMAINES**

[72] SHI, ZHENZHEN, US

[72] STRONG, AMY, US

[72] BOUE, STEPHEN, US

[72] BUROW, MATTHEW, US

[72] BUNNELL, BRUCE, US

[72] JIANG, QUAN, US

[72] ZHENG, SHILONG, US

[72] WANG, GUANGDI, US

[71] THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND, US

[85] 2015-09-04

[86] 2014-04-04 (PCT/US2014/032908)

[87] (WO2014/165723)

[30] US (61/808,538) 2013-04-04

[30] US (61/865,050) 2013-08-12

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[21] **2,904,535**  
[13] A1

[51] **Int.Cl. G06F 3/0488 (2013.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR MANIPULATING THE ORIENTATION OF AN OBJECT ON A DISPLAY DEVICE**

[54] **APPAREIL ET PROCEDE PERMETTANT DE MANIPULER L'ORIENTATION D'UN OBJET SUR UN DISPOSITIF D'AFFICHAGE**

[72] LITTLE, DAVID DEAN, US

[71] INTERGRAPH CORPORATION, US

[85] 2015-09-04

[86] 2014-05-15 (PCT/US2014/038102)

[87] (WO2014/193656)

[30] US (13/904,470) 2013-05-29

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[13] A1

[51] **Int.Cl. A61K 31/7084 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR ACTIVATING "STIMULATOR OF INTERFERON GENE"-DEPENDENT SIGNALLING**  
[54] **COMPOSITIONS ET PROCEDES D'ACTIVATION DE LA SIGNALISATION DEPENDANTE DE « STIMULATEUR DE GENES D'INTERFERON »**  
[72] DUBENSKY, THOMAS W., JR., US  
[72] KANNE, DAVID B., US  
[72] LEONG, MEREDITH LAI LING, US  
[72] GLICKMAN, LAURA HIX, US  
[72] VANCE, RUSSELL E., US  
[72] LEMMENS, EDWARD EMILE, US  
[71] ADURO BIOTECH, INC., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2015-09-04  
[86] 2014-05-18 (PCT/US2014/038525)  
[87] (WO2014/189805)  
[30] US (61/825,005) 2013-05-18  
[30] US (61/902,125) 2013-11-08

[21] **2,904,538**  
[13] A1

[51] **Int.Cl. B65D 81/20 (2006.01) B65D 25/38 (2006.01) B65D 81/24 (2006.01)**  
[25] EN  
[54] **STORAGE CONTAINER WITH EXPANDABLE MEDIUM**  
[54] **RECIPIENT DE STOCKAGE AVEC MOYEN EXTENSIBLE**  
[72] FORTI, ERIC, US  
[71] SUNBEAM PRODUCTS, INC., US  
[85] 2015-09-04  
[86] 2015-02-12 (PCT/US2015/015539)  
[87] (WO2015/123375)  
[30] US (61/938,997) 2014-02-12

[21] **2,904,554**  
[13] A1

[51] **Int.Cl. C08F 293/00 (2006.01) B01D 71/34 (2006.01) B01D 71/80 (2006.01) C08L 27/16 (2006.01) C08L 53/00 (2006.01)**  
[25] FR  
[54] **COPOLYMER HAVING AMPHIPHILIC BLOCKS, AND USE THEREOF FOR MANUFACTURING POLYMER FILTRATION MEMBRANES**  
[54] **COPOLYMERE A BLOCS AMPHIPHILE ET SON UTILISATION POUR LA FABRICATION DE MEMBRANES POLYMERES DE FILTRATION**  
[72] LORAIN, OLIVIER, FR  
[72] ESPENAN, JEAN-MICHEL, FR  
[72] REMIGY, JEAN-CHRISTOPHE, FR  
[72] LAHITTE, JEAN-FRANCOIS, FR  
[72] ROUCH, JEAN-CHRISTOPHE, FR  
[72] SAVART, THIBAUT, FR  
[72] GERARD, PIERRE, FR  
[72] MAGNET, STEPHANIE, FR  
[71] POLYMEM, FR  
[71] ARKEMA FRANCE, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[71] UNIVERSITE PAUL SABATIER TOULOUSE III, FR  
[85] 2015-09-08  
[86] 2014-03-11 (PCT/EP2014/054630)  
[87] (WO2014/139977)  
[30] FR (1352218) 2013-03-13

[21] **2,904,564**  
[13] A1

[51] **Int.Cl. A61C 17/06 (2006.01) A61M 1/00 (2006.01)**  
[25] EN  
[54] **DENTAL SURGICAL SUCTION APPARATUS**  
[54] **APPAREIL D'ASPIRATION POUR CHIRURGIE DENTAIRE**  
[72] HENRY, ROLIN, US  
[71] HENRY, ROLIN, US  
[85] 2015-09-08  
[86] 2014-03-15 (PCT/IB2014/059861)  
[87] (WO2014/141215)  
[30] US (61/789,772) 2013-03-15

[21] **2,904,569**  
[13] A1

[51] **Int.Cl. C22B 23/00 (2006.01)**  
[25] EN  
[54] **HYDROMETALLURGICAL PLANT FOR NICKEL OXIDE ORE AND METHOD FOR OPERATING THE HYDROMETALLURGICAL PLANT**  
[54] **INSTALLATION HYDROMETALLURGIQUE POUR MINERAI D'OXYDE DE NICKEL ET PROCEDE POUR LA CONDUITE DE LADITE INSTALLATION HYDROMETALLURGIQUE**  
[72] MATSUBARA, SATOSHI, JP  
[72] NAKAI, OSAMU, JP  
[72] SAKAMOTO, TAKASHI, JP  
[71] SUMITOMO METAL MINING CO., LTD., JP  
[85] 2015-09-08  
[86] 2014-01-23 (PCT/JP2014/051319)  
[87] (WO2014/136487)  
[30] JP (2013-046986) 2013-03-08

[21] **2,904,592**  
[13] A1

[51] **Int.Cl. C08L 91/06 (2006.01) A61K 8/02 (2006.01) A61K 9/70 (2006.01) A61P 1/02 (2006.01) A61Q 11/00 (2006.01) C08J 5/18 (2006.01) C08L 101/00 (2006.01)**  
[25] EN  
[54] **WAX-BASED COMPOSITIONS, ARTICLES MADE THEREFROM, AND METHODS OF MANUFACTURE AND USE**  
[54] **COMPOSITIONS A BASE DE CIRE, ARTICLES FABRIQUES A PARTIR DE CELLES-CI, ET PROCEDES DE FABRICATION ET D'UTILISATION**  
[72] JOHNSON, STEVEN B., US  
[72] MARGETTS, DAVID LAWRENCE, US  
[72] HOBSON, BARRY LEE, US  
[72] SCOVILLE, JONATHAN D., US  
[72] JESSOP, NEIL T., US  
[72] ALLRED, PETER M., US  
[72] FISCHER, DAN E., US  
[71] ULTRADENT PRODUCTS, INC., US  
[85] 2015-09-08  
[86] 2014-03-07 (PCT/US2014/022032)  
[87] (WO2014/138659)  
[30] US (61/775,453) 2013-03-08  
[30] US (61/799,532) 2013-03-15

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[13] A1

[51] **Int.Cl. H04N 21/266 (2011.01) H04N 21/2347 (2011.01) H04N 21/258 (2011.01) H04N 21/262 (2011.01) H04N 21/845 (2011.01)**

[25] EN

[54] **METHOD FOR CONTROLLING AND IMPLEMENTING BLACKOUT IN IPTV NETWORKS**

[54] **PROCEDE POUR COMMANDER ET METTRE EN ŒUVRE UN DECROCHAGE DANS DES RESEAUX DE TV SUR IP**

[72] SAMANT, NIRANJAN R., US

[72] ELSTERMANN, ERIK J., US

[72] MACK, ROBERT E., US

[72] METZ, ERIK C., US

[72] VINCE, LAWRENCE D., US

[71] ARRIS TECHNOLOGY, INC., US

[85] 2015-09-08

[86] 2014-03-07 (PCT/US2014/022155)

[87] (WO2014/150086)

[30] US (61/800,084) 2013-03-15

[30] US (13/862,310) 2013-04-12

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[21] **2,904,596**  
[13] A1

[51] **Int.Cl. D21H 17/54 (2006.01) C09D 139/04 (2006.01)**

[25] EN

[54] **METHOD OF USING ALDEHYDE-FUNCTIONALIZED POLYMERS TO INCREASE PAPERMACHINE PERFORMANCE AND ENHANCE SIZING**

[54] **PROCEDE D'UTILISATION DE POLYMERES A FONCTIONNALITE ALDEHYDE POUR AUGMENTER LES PERFORMANCES D'UNE MACHINE A PAPIER ET AMELIORER L'ENCOLLAGE**

[72] BENZ, BRADLEY J., US

[72] JOHNSON, WILLIAM C., US

[72] LIU, MEI, US

[72] WILSON, SHAWNEE M., US

[72] GRIMM, MARK, US

[72] ST. JOHN, MICHAEL R., US

[71] NALCO COMPANY, US

[85] 2015-09-08

[86] 2014-03-09 (PCT/US2014/022210)

[87] (WO2014/164380)

[30] US (13/802,052) 2013-03-13

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[21] **2,904,601**  
[13] A1

[51] **Int.Cl. B62D 55/08 (2006.01) B62D 55/18 (2006.01)**

[25] EN

[54] **SLIDE SHOE FOR UNDERCARRIAGE FRAME ASSEMBLY**

[54] **PATIN DE GLISSEMENT POUR ENSEMBLE CADRE DE CHASSIS PORTEUR**

[72] VITAS, JOHNATHAN, US

[72] YAUNKE, JEANNE, US

[71] CATERPILLAR GLOBAL MINING LLC, US

[85] 2015-09-08

[86] 2014-03-11 (PCT/US2014/023385)

[87] (WO2014/164747)

[30] US (13/796,286) 2013-03-12

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[21] **2,904,603**  
[13] A1

[51] **Int.Cl. A61N 5/10 (2006.01) G01R 33/387 (2006.01) G01R 33/48 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR RADIOTHERAPY WITH MAGNETIC RESONANCE IMAGING**

[54] **SYSTEMES ET PROCEDES POUR RADIOTHERAPIE AVEC IMAGERIE PAR RESONANCE MAGNETIQUE**

[72] SHVARTSMAN, SHMARYU M., US

[72] DEMPSEY, JAMES F., US

[72] NIKOLY, DAVID, US

[71] VIEWRAY INCORPORATED, US

[85] 2015-09-08

[86] 2014-03-11 (PCT/US2014/023556)

[87] (WO2014/164821)

[30] US (13/801,680) 2013-03-13

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[21] **2,904,605**  
[13] A1

[51] **Int.Cl. B29D 11/00 (2006.01)**

[25] EN

[54] **DELAMINATION RESISTANT COATED SUBSTRATES AND METHODS OF PREPARING THE SAME**

[54] **SUBSTRATS REVETUS RESISTANT A LA DELAMINATION ET LEURS PROCEDES DE PREPARATION**

[72] ALEKSEYEV-POPOV, ANDREW VADIMOVICH, US

[72] CUEVA, JOHN FERNANDO, US

[72] INGA, JOSE, US

[71] GENTEX CORPORATION, US

[85] 2015-09-08

[86] 2014-03-11 (PCT/US2014/023572)

[87] (WO2014/159421)

[30] US (61/783,129) 2013-03-14

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[21] **2,904,609**  
[13] A1

[51] **Int.Cl. F16L 13/02 (2006.01) F16L 13/04 (2006.01)**

[25] EN

[54] **JOINT LOCK RING SYSTEM FOR LINED PIPE**

[54] **SYSTEME D'ANNEAUX DE BLOCAGE D'ARTICULATION DESTINE A UN TUYAU DOUBLE**

[72] RABER, ROBERT P., US

[71] IMPERIAL PIPE, INC., US

[85] 2015-09-08

[86] 2014-03-11 (PCT/US2014/023652)

[87] (WO2014/164862)

[30] US (61/775,749) 2013-03-11

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[21] **2,904,611**  
[13] A1

[51] **Int.Cl. C23C 16/40 (2006.01) A61M 5/31 (2006.01) C23C 16/02 (2006.01) C23C 16/04 (2006.01) C23C 16/455 (2006.01)**

[25] EN

[54] **COATED PACKAGING**

[54] **EMBALLAGE MUNI D'UN REVETEMENT**

[72] WEIKART, CHRISTOPHER, US

[72] CLARK, BECKY L., US

[72] STEVENSON, ADAM, US

[72] FELTS, JOHN T., US

[71] SIO2 MEDICAL PRODUCTS, INC., US

[85] 2015-09-08

[86] 2014-03-11 (PCT/US2014/023813)

[87] (WO2014/164928)

[30] US (61/776,733) 2013-03-11

[30] US (61/800,746) 2013-03-15

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[21] **2,904,614**  
[13] A1

[51] **Int.Cl. B42D 25/405 (2014.01) B41M 5/00 (2006.01)**

[25] EN

[54] **DNA MARKING OF PREVIOUSLY UNDISTINGUISHED ITEMS FOR TRACEABILITY**

[54] **MARQUAGE DE L'ADN D'OBJETS AUPARAVANT NON DISTINGUES POUR LA TRACABILITE**

[72] JUNG, LAWRENCE, US

[72] HAYWARD, JAMES A., US

[72] LIANG, BENJAMIN MINGHWA, US

[71] APPLIED DNA SCIENCES INC., US

[85] 2015-09-08

[86] 2014-03-12 (PCT/US2014/023928)

[87] (WO2014/164958)

[30] US (13/796,663) 2013-03-12

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[21] **2,904,617**  
[13] A1

[51] **Int.Cl. B65G 17/08 (2006.01) B65G 17/34 (2006.01) B65G 17/44 (2006.01) B65G 17/46 (2006.01)**

[25] EN

[54] **CONVEYOR BELT AND PLATFORM FOR CONVEYOR BELT**

[54] **BANDE TRANSPORTEUSE ET PLATE-FORME POUR BANDE TRANSPORTEUSE**

[72] WHITTEN, JOEY D., US

[72] STONE, JACK F., US

[71] ILLINOIS TOOL WORKS INC., US

[85] 2015-09-08

[86] 2014-03-12 (PCT/US2014/024213)

[87] (WO2014/159564)

[30] US (61/783,869) 2013-03-14

[30] US (14/204,525) 2014-03-11

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[21] **2,904,618**  
[13] A1

[51] **Int.Cl. C07D 487/08 (2006.01) A61K 31/407 (2006.01) A61P 25/00 (2006.01) C07D 471/08 (2006.01) C07D 519/00 (2006.01)**

[25] EN

[54] **SUBSTITUTED 2-AZABICYCLES AND THEIR USE AS OREXIN RECEPTOR MODULATORS**

[54] **2-AZABICYCLES SUBSTITUES ET LEUR UTILISATION EN TANT QUE MODULATEURS DES RECEPTEURS D'OREXINE**

[72] GELIN, CHRISTINE F., US

[72] LEBOLD, TERRY P., US

[72] SHIREMAN, BROCK T., US

[72] ZIFF, JEANNIE M., US

[71] JANSSEN PHARMACEUTICA NV, BE

[85] 2015-09-08

[86] 2014-03-12 (PCT/US2014/024293)

[87] (WO2014/165070)

[30] US (61/780,378) 2013-03-13

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[21] **2,904,620**  
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06Q 50/30 (2012.01)**

[25] EN

[54] **SOCIAL FILTERING OF USER INTERFACE**

[54] **FILTRAGE SOCIAL D'INTERFACE UTILISATEUR**

[72] ST. CLAIR, LUKE, US

[71] FACEBOOK, INC., US

[85] 2015-09-08

[86] 2014-03-12 (PCT/US2014/024383)

[87] (WO2014/150847)

[30] US (13/839,984) 2013-03-15

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[21] **2,904,625**  
[13] A1

[51] **Int.Cl. H04W 16/10 (2009.01) H04W 16/14 (2009.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR DYNAMIC SPECTRUM ARBITRAGE**

[54] **PROCEDES ET SYSTEMES D'ARBITRAGE DE SPECTRE DYNAMIQUE**

[72] SMITH, CLINT, US

[72] GANLEY, DECLAN, IE

[71] RIVADA NETWORKS LLC, US

[85] 2015-09-08

[86] 2014-03-12 (PCT/US2014/024420)

[87] (WO2014/165109)

[30] US (13/795,745) 2013-03-12

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[21] **2,904,629**  
[13] A1

[51] **Int.Cl. H04N 21/4627 (2011.01) H04L 12/16 (2006.01)**

[25] EN

[54] **MEDIA SHARING COMMUNICATIONS SYSTEM**

[54] **SYSTEME DE COMMUNICATION DE PARTAGE MULTIMEDIA**

[72] FRANKEL, RONALD NEIL, US

[72] WOODWARD, JACOB ROBERT, US

[71] SYNACOR, INC., US

[85] 2015-09-08

[86] 2014-03-12 (PCT/US2014/024665)

[87] (WO2014/159668)

[30] US (61/781,887) 2013-03-14

[30] US (14/033,667) 2013-09-23

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[21] **2,904,633**  
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/26 (2012.01)**

[25] EN

[54] **WORKFLOW SOFTWARE STRUCTURED AROUND TAXONOMIC THEMES OF REGULATORY ACTIVITY**

[54] **LOGICIEL DE FLUX DE TRAVAUX STRUCTURE AUTOUR DE THEMES TAXONOMIQUES D'ACTIVITE REGLEMENTAIRE**

[72] JEFFRIES, GILBERT, US

[72] CLAUSSEN, JOANNE, US

[71] THOMSON REUTERS GLOBAL RESOURCES, CH

[85] 2015-09-08

[86] 2014-03-12 (PCT/US2014/024671)

[87] (WO2014/165180)

[30] US (61/777,412) 2013-03-12

[30] US (14/206,648) 2014-03-12

[21] **2,904,636**  
[13] A1

[51] **Int.Cl. A23L 2/04 (2006.01) A23L 1/29 (2006.01)**

[25] EN

[54] **METHOD OF PREPARING A MUSCADINE POMACE EXTRACT**

[54] **PROCEDE DE PREPARATION D'UN EXTRAIT DE GRIGNON DE MUSCADINE**

[72] IANIRO, TEODORO T., US

[72] FISHER, LAUREL A., US

[71] SHAKLEE CORPORATION, US

[85] 2015-09-08

[86] 2014-03-12 (PCT/US2014/024717)

[87] (WO2014/159677)

[30] US (13/828,707) 2013-03-14

[21] **2,904,637**  
[13] A1

[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/58 (2006.01) E21B 43/22 (2006.01)**

[25] EN

[54] **TEMPERATURE SENSITIVE VISCOELASTIC WELL-TREATMENT FLUIDS**

[54] **FLUIDES DE TRAITEMENT DES PUITIS VISCOELASTIQUES ET SENSIBLES A LA TEMPERATURE**

[72] SONG, JINGSHE, US

[72] MELLO, JESSE VINCENT, US

[72] SONG, LULU, US

[71] ECOLAB USA INC., US

[85] 2015-09-08

[86] 2014-03-04 (PCT/US2014/020435)

[87] (WO2014/164078)

[30] US (13/797,295) 2013-03-12

[21] **2,904,640**  
[13] A1

[51] **Int.Cl. G06Q 50/24 (2012.01) G06Q 50/22 (2012.01)**

[25] EN

[54] **COLLABORATIVE SYNTHESIS-BASED CLINICAL DOCUMENTATION**

[54] **DOCUMENTATION CLINIQUE BASEE SUR UNE SYNTHESE COLLABORATIVE**

[72] FRITSCH, JUERGEN, US

[72] JAGANNATHAN, VASUDEVAN, US

[71] MMODAL IP LLC, US

[85] 2015-09-08

[86] 2014-03-14 (PCT/US2014/027285)

[87] (WO2014/152388)

[30] US (61/799,982) 2013-03-15

[30] US (14/208,950) 2014-03-13

[21] **2,904,641**  
[13] A1

[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01) C07D 405/12 (2006.01) C07D 413/04 (2006.01) C07D 417/12 (2006.01) C07D 491/052 (2006.01)**

[25] EN

[54] **DNA-PK INHIBITORS**

[54] **INHIBITEURS D'ADN-PK**

[72] MAXWELL, JOHN PATRICK, US

[72] CHARIFSON, PAUL S., US

[72] TANG, QING, US

[72] RONKIN, STEVEN M., US

[72] JACKSON, KATRINA LEE, US

[72] PIERCE, ALBERT CHARLES, US

[72] LAUFFER, DAVID J., US

[72] LI, PAN, US

[72] GIROUX, SIMON, US

[72] WAAL, NATHAN D., US

[72] XU, JINWANG, US

[72] GU, WENXIN, US

[72] MORRIS, MARK A., US

[72] COTTRELL, KEVIN M., US

[72] COURT, JOHN J., US

[72] DENG, HONGBO, US

[71] VERTEX PHARMACEUTICALS INCORPORATED, US

[85] 2015-09-08

[86] 2014-03-12 (PCT/US2014/024767)

[87] (WO2014/159690)

[30] US (61/777,816) 2013-03-12

[21] **2,904,643**  
[13] A1

[51] **Int.Cl. H04L 12/26 (2006.01) H04L 12/28 (2006.01)**

[25] EN

[54] **PORTABLE PLATFORM FOR NETWORKED COMPUTING**

[54] **PLATE-FORME PORTATIVE POUR INFORMATIQUE EN RESEAU**

[72] MAGUIRE, YAEL, US

[72] COGLITORE, GIOVANNI, US

[71] FACEBOOK, INC., US

[85] 2015-09-08

[86] 2014-03-12 (PCT/US2014/024793)

[87] (WO2014/151028)

[30] US (61/801,526) 2013-03-15

[30] US (13/914,563) 2013-06-10

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[21] **2,904,645**  
[13] A1

[51] **Int.Cl. G06F 3/048 (2013.01) G06F 15/16 (2006.01)**  
[25] EN  
[54] **DEFER HEAVY OPERATIONS WHILE SCROLLING**  
[54] **REPORT D'OPERATIONS LOURDES PENDANT UN DEFILEMENT**  
[72] DU, QIXING, US  
[72] ZHANG, KANG, US  
[71] FACEBOOK, INC., US  
[85] 2015-09-08  
[86] 2014-03-12 (PCT/US2014/024839)  
[87] (WO2014/151048)  
[30] US (13/841,817) 2013-03-15

[21] **2,904,648**  
[13] A1

[51] **Int.Cl. B29C 67/00 (2006.01)**  
[25] EN  
[54] **3D PRINTING USING SPIRAL BUILDUP**  
[54] **IMPRESSION 3D UTILISANT L'ACCUMULATION EN SPIRALE**  
[72] DUDLEY, KURT, US  
[71] ORANGE MAKER LLC, US  
[85] 2015-09-08  
[86] 2014-03-12 (PCT/US2014/025026)  
[87] (WO2014/165265)  
[30] US (61/778,285) 2013-03-12

[21] **2,904,650**  
[13] A1

[51] **Int.Cl. C09B 61/00 (2006.01) A23L 1/275 (2006.01) C07H 17/065 (2006.01)**  
[25] EN  
[54] **METHOD OF ISOLATING BLUE ANTHOCYANIN FRACTIONS**  
[54] **PROCEDE PERMETTANT D'ISOLER DES FRACTIONS D'ANTHOCYANINE BLEUE**  
[72] ROBBINS, REBECCA J., US  
[72] JOHNSON, J. CHRISTOPHER, US  
[72] COLLINS, THOMAS M., US  
[72] AHMADIANI, NEDA, US  
[72] GIUSTI, M. MONICA, US  
[71] MARS, INCORPORATED, US  
[71] THE OHIO STATE UNIVERSITY, US  
[85] 2015-09-08  
[86] 2014-03-14 (PCT/US2014/027319)  
[87] (WO2014/152417)  
[30] US (61/790,842) 2013-03-15

[21] **2,904,655**  
[13] A1

[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/072 (2006.01)**  
[25] EN  
[54] **SURGICAL STAPLER WITH EXPANDABLE JAW**  
[54] **AGRAFEUSE CHIRURGICALE A MACHOIRE EXTENSIBLE**  
[72] COVACH, JONATHAN, US  
[72] BECERRA, MATTHEW M., US  
[72] JOHNSON, GARY M., US  
[71] APPLIED MEDICAL RESOURCES CORPORATION, US  
[85] 2015-09-08  
[86] 2014-03-14 (PCT/US2014/027768)  
[87] (WO2014/143699)  
[30] US (61/793,065) 2013-03-15

[21] **2,904,657**  
[13] A1

[51] **Int.Cl. A61K 31/195 (2006.01) A61K 31/22 (2006.01) A61K 31/765 (2006.01) A61P 25/00 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01) A61P 27/10 (2006.01) A61P 27/12 (2006.01)**  
[25] EN  
[54] **METHODS OF INHIBITING CATARACTS AND PRESBYOPIA**  
[54] **PROCEDES D'INHIBITION DES CATARACTES ET DE LA PRESBYTIE**  
[72] MUTHUKUMAR, MURUGAPPAN, US  
[72] MOHR, BENJAMIN, US  
[71] THE UNIVERSITY OF MASSACHUSETTS, US  
[85] 2015-09-08  
[86] 2014-03-14 (PCT/US2014/027852)  
[87] (WO2014/152818)  
[30] US (61/782,860) 2013-03-14

[21] **2,904,659**  
[13] A1

[51] **Int.Cl. H04L 12/935 (2013.01) H04L 12/723 (2013.01) H04L 12/811 (2013.01) H04L 12/861 (2013.01) H04L 12/931 (2013.01) H04L 12/18 (2006.01) H04L 12/28 (2006.01) H04L 29/14 (2006.01)**  
[25] EN  
[54] **INDEFINITELY EXPANDABLE HIGH-CAPACITY DATA SWITCH**  
[54] **COMMUTATEUR DE DONNEES A FORTE CAPACITE EXTENSIBLE A L'INFINI**  
[72] PIERSON, FORREST LAWRENCE, US  
[71] PIERSON, FORREST LAWRENCE, US  
[85] 2015-09-08  
[86] 2014-03-04 (PCT/US2014/020089)  
[87] (WO2014/164036)

[21] **2,904,661**  
[13] A1

[51] **Int.Cl. A61M 5/28 (2006.01) A61M 5/20 (2006.01) A61M 5/24 (2006.01) A61M 5/32 (2006.01) A61K 39/395 (2006.01)**  
[25] EN  
[54] **DRUG CASSETTE, AUTOINJECTOR, AND AUTOINJECTOR SYSTEM**  
[54] **BOITE A MEDICAMENT, AUTOINJECTEUR ET SYSTEME D'AUTOINJECTEUR**  
[72] MOUNCE, R. PAUL, US  
[72] JUDD, CLINTON, US  
[72] KRISHNA, SUHAS, US  
[72] JOHNSTON, NEAL, US  
[72] JOHNSTON, GORDON, US  
[72] SARDO, GIORGIO, IT  
[72] GANZITTI, GABRIELE, IT  
[72] YEH, HONG JUN, US  
[71] AMGEN INC., US  
[85] 2015-09-08  
[86] 2014-03-14 (PCT/US2014/027950)  
[87] (WO2014/143815)  
[30] US (61/800,000) 2013-03-15

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[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01) A61J 1/05 (2006.01)**  
[25] EN  
[54] **STRIP GRABBER**  
[54] **DISPOSITIF DE SAISIE DE BANDE**  
[72] SAMS, ROBERT S., US  
[72] PRAIS, EUGENE, US  
[72] YAO, SIMIN, US  
[71] BAYER HEALTHCARE LLC, US  
[85] 2015-09-08  
[86] 2014-03-11 (PCT/US2014/023266)  
[87] (WO2014/164705)  
[30] US (61/776,506) 2013-03-11

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[21] **2,904,666**  
[13] A1

[51] **Int.Cl. G06G 7/66 (2006.01) G06Q 10/00 (2012.01)**  
[25] EN  
[54] **WASTE MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DES DECHETS**  
[72] DEERING, KEN, US  
[72] FORDYCE, SCOT, US  
[72] LESUEUR, LARRY, US  
[72] LUGO, JOSE, US  
[72] TRYON, VICTOR V., US  
[72] BRIDGES, MICHAEL, US  
[72] WILKERSON, LEE, US  
[72] LEWIS, TREVOR, US  
[71] WISERG CORPORATION, US  
[85] 2015-09-08  
[86] 2014-03-11 (PCT/US2014/023269)  
[87] (WO2014/164706)  
[30] US (61/778,127) 2013-03-12  
[30] US (61/809,225) 2013-04-05

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[21] **2,904,669**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR A PATIENT DASHBOARD**  
[54] **SYSTEME ET METHODE POUR UN TABLEAU DE BORD DE PATIENT**  
[72] RADHAKRISHNAN, HARI, US  
[72] HOLCOMB, JOHN B., US  
[72] WADE, CHARLES E., US  
[72] COTTON, BRYAN, US  
[72] ALBARADO, RONDEL, US  
[72] KRAUS, DREW, US  
[72] WATTS, JOEL, US  
[72] SHRESTHA, BINOD, US  
[71] BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US  
[85] 2015-09-08  
[86] 2014-03-11 (PCT/US2014/023329)  
[87] (WO2014/159385)  
[30] US (61/780,174) 2013-03-13

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[21] **2,904,682**  
[13] A1

[51] **Int.Cl. A61B 5/024 (2006.01) A61B 5/021 (2006.01) A61B 5/026 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CHARACTERIZING CIRCULATORY BLOOD FLOW**  
[54] **SYSTEME ET PROCEDURE DE CARACTERISATION DE FLUX SANGUIN CIRCULANT**  
[72] BERKOW, JAN K., US  
[72] BRUMFIELD, ANNE M., US  
[71] INTELOMED, INC., US  
[85] 2015-09-08  
[86] 2014-03-14 (PCT/US2014/028167)  
[87] (WO2014/143962)  
[30] US (13/839,534) 2013-03-15

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[21] **2,904,684**  
[13] A1

[51] **Int.Cl. A47K 3/40 (2006.01)**  
[25] EN  
[54] **SHOWER FLOOR**  
[54] **PLANCHER DE DOUCHE**  
[72] SCHAFFER, LISA K., US  
[72] SCHAFFER, RYAN D., US  
[72] CLEAR, JASON T., US  
[71] FIN-PAN, INC., US  
[85] 2015-09-08  
[86] 2014-03-14 (PCT/US2014/028267)  
[87] (WO2014/144031)  
[30] US (61/787,411) 2013-03-15  
[30] US (14/211,133) 2014-03-14

[21] **2,904,688**  
[13] A1

[51] **Int.Cl. C07C 43/10 (2006.01) B01J 27/26 (2006.01) B01J 31/00 (2006.01)**  
[25] EN  
[54] **BASE-CATALYZED, LONG CHAIN, ACTIVE POLYETHERS FROM SHORT CHAIN DMC-CATALYZED STARTERS**  
[54] **POLYETHERS ACTIFS A CHAINE LONGUE A CATALYSEUR BASIQUE OBTENUS AVEC DES COMPOSITIONS D'AMORCAGE CATALYSEES PAR UN DMC A CHAINE COURTE**  
[72] REESE, JACK R., US  
[72] BROWNE, EDWARD, DE  
[72] RODBERG, STEVEN, US  
[72] PAZOS, JOSE, US  
[72] NEAL, BRIAN, US  
[71] BAYER MATERIALSCIENCE LLC, US  
[85] 2015-09-08  
[86] 2014-03-07 (PCT/US2014/021688)  
[87] (WO2014/159046)  
[30] US (13/827,015) 2013-03-14

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[21] **2,904,699**  
[13] A1

[51] **Int.Cl. C10L 1/16 (2006.01) C10L 10/18 (2006.01)**  
[25] EN  
[54] **PENTAMETHYLHEPTANE AS A PRIMARY REFERENCE STANDARD FOR CETANE NUMBER**  
[54] **PENTAMETHYLHEPTANE EN TANT QU'ETALON DE REFERENCE PRIMAIRE POUR L'INDICE DE CETANE**  
[72] MATHUR, INDRESH, US  
[71] JOHANN HALTERMANN LIMITED, US  
[85] 2015-09-08  
[86] 2014-03-07 (PCT/US2014/021726)  
[87] (WO2014/164287)  
[30] US (13/795,753) 2013-03-12

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[13] A1

[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/94 (2006.01) A61F 2/08 (2006.01)**  
[25] EN  
[54] **TISSUE CAPTURING BONE ANCHOR**  
[54] **ANCRAGE OSSEUX A CAPTURE TISSULAIRE**  
[72] TICKER, JONATHAN B., US  
[71] KFX MEDICAL, LLC, US  
[85] 2015-09-08  
[86] 2014-03-07 (PCT/US2014/021774)  
[87] (WO2014/159058)  
[30] US (61/786,168) 2013-03-14

[21] **2,904,715**  
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01)**  
[25] EN  
[54] **EXPANDABLE IMPLANTABLE CONDUIT**  
[54] **CONDUIT EXTENSIBLE IMPLANTABLE**  
[72] BERNSTEIN, C. DOUGLAS, US  
[72] KALRA, ARUSH, US  
[71] CARNEGIE MELLON UNIVERSITY, US  
[85] 2015-09-08  
[86] 2014-03-07 (PCT/US2014/021814)  
[87] (WO2014/138599)  
[30] US (61/851,487) 2013-03-08

[21] **2,904,719**  
[13] A1

[51] **Int.Cl. B61G 3/00 (2006.01) B61G 3/06 (2006.01)**  
[25] EN  
[54] **TOP OPERATING H TIGHTLOCK COUPLER**  
[54] **ATTELAGE AUTOMATIQUE DE TYPE H ACTIONNE PAR LE HAUT**  
[72] MCMILLEN, RICHARD G., US  
[71] MCCONWAY & TORLEY, LLC, US  
[85] 2015-09-08  
[86] 2014-03-13 (PCT/US2014/026433)  
[87] (WO2014/151779)  
[30] US (61/793,963) 2013-03-15

[21] **2,904,703**  
[13] A1

[51] **Int.Cl. A61M 37/00 (2006.01) A61K 9/00 (2006.01)**  
[25] EN  
[54] **METHOD OF TREATING INFECTIONS, DISEASES OR DISORDERS OF NAIL UNIT**  
[54] **PROCEDE DE TRAITEMENT D'INFECTIONS, MALADIES OU TROUBLES D'UNITE D'ONGLE**  
[72] BIRNBAUM, JAY E., US  
[72] LERMAN, BRUCE, US  
[71] HALLUX, INC., US  
[85] 2015-09-08  
[86] 2014-03-07 (PCT/US2014/021786)  
[87] (WO2014/159060)  
[30] US (61/784,065) 2013-03-14  
[30] US (61/877,229) 2013-09-12

[21] **2,904,717**  
[13] A1

[51] **Int.Cl. A61B 17/04 (2006.01) A61F 2/08 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SECURING TISSUE TO BONE**  
[54] **SYSTEME ET PROCEDE POUR FIXER UN TISSU A UN OS**  
[72] HEAVEN, MALCOLM, US  
[72] GREELIS, JOHN P., US  
[72] SIRIVONG, MIKXAY, US  
[72] YUREK, MATTHEW T., US  
[71] KFX MEDICAL, LLC, US  
[85] 2015-09-08  
[86] 2014-03-07 (PCT/US2014/022014)  
[87] (WO2014/150053)  
[30] US (61/801,255) 2013-03-15

[21] **2,904,720**  
[13] A1

[51] **Int.Cl. B28B 11/24 (2006.01) C04B 40/02 (2006.01)**  
[25] EN  
[54] **CURING SYSTEMS FOR MATERIALS THAT CONSUME CARBON DIOXIDE**  
[54] **SYSTEMES DE DURCISSEMENT POUR MATIERES ABSORBANT DU DIOXYDE DE CARBONE**  
[72] KUPPLER, JOHN P., US  
[72] ATAKAN, VAHIT, US  
[72] SMITH, KENNETH, US  
[72] HU, XUDONG, US  
[71] SOLIDIA TECHNOLOGIES, INC., US  
[85] 2015-09-14  
[86] 2014-03-13 (PCT/US2014/025958)  
[87] (WO2014/160168)  
[30] US (61/785,226) 2013-03-14

[21] **2,904,713**  
[13] A1

[51] **Int.Cl. A61K 38/18 (2006.01) A61K 9/19 (2006.01) A61K 39/00 (2006.01) A61K 47/02 (2006.01) A61K 47/26 (2006.01) A61K 47/42 (2006.01)**  
[25] EN  
[54] **PROTEIN FORMULATIONS**  
[54] **FORMULATIONS PROTEIQUES**  
[72] PARK, SUNGAE, US  
[72] KUHNS, SCOTT, US  
[72] RATTAN, JENNIFER, US  
[72] PHILLIPS, JOSEPH, US  
[71] AMGEN INC., US  
[85] 2015-09-08  
[86] 2014-03-07 (PCT/US2014/021792)  
[87] (WO2014/164301)  
[30] US (61/775,974) 2013-03-11

[21] **2,904,718**  
[13] A1

[51] **Int.Cl. B61G 3/00 (2006.01) B61G 3/04 (2006.01)**  
[25] EN  
[54] **RAILWAY CAR COUPLER AND KNUCKLE SYSTEM AND METHOD**  
[54] **SYSTEME D'ATTELAGE DE WAGON ET MACHOIRE D'ATTELAGE ET PROCEDE**  
[72] MAUTINO, P. SCOTT, US  
[72] GAGLIARDINO, JOSEPH L., US  
[72] FLOAT, JOSEPH, US  
[71] MCCONWAY & TORLEY, LLC, US  
[85] 2015-09-08  
[86] 2014-03-13 (PCT/US2014/026375)  
[87] (WO2014/151745)  
[30] US (61/793,859) 2013-03-15

[21] **2,904,721**  
[13] A1

[51] **Int.Cl. B01D 53/047 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR DISTRIBUTING FLOW**  
[54] **APPAREIL POUR DISTRIBUER UN ECOULEMENT**  
[72] LOMAX, FRANKLIN D., US  
[72] LEVY, JONATHAN, US  
[72] EBELING, CHRIS, US  
[72] TODD, RICHARD S., US  
[71] LUMMUS TECHNOLOGY INC., US  
[85] 2015-09-17  
[86] 2014-03-25 (PCT/US2014/031652)  
[87] (WO2014/160669)  
[30] US (13/851,708) 2013-03-27

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[21] **2,904,722**  
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS RELATING TO ANTI-CCR7 ANTIGEN BINDING PROTEINS**  
[54] **PROCEDES ET COMPOSITIONS LIES AUX PROTEINES DE LIAISON A UN ANTIGENE ANTI-CCR7**  
[72] KING, CHADWICK TERENCE, CA  
[72] NG, GORDON, CA  
[72] HU, SHAW-FEN SYLVIE, US  
[72] NGUYEN, HUNG, US  
[72] JUNG, JEANNIE, JP  
[71] AMGEN, INC., US  
[85] 2015-09-08  
[86] 2014-03-13 (PCT/US2014/026537)  
[87] (WO2014/151834)  
[30] US (61/962,296) 2013-03-15

[21] **2,904,724**  
[13] A1

[51] **Int.Cl. A61K 31/40 (2006.01) A61K 8/49 (2006.01) A61P 17/00 (2006.01) A61P 43/00 (2006.01) A61Q 15/00 (2006.01)**  
[25] EN  
[54] **ANTICHOLINERGIC GLYCOPYRROLATE ESTERS FOR THE TREATMENT OF HYPERHIDROSIS**  
[54] **ESTERS DE GLYCOPYRROLATE ANTICHOLINERGIQUES POUR LE TRAITEMENT DE L'HYPERHIDROSE**  
[72] BODOR, NICHOLAS S., US  
[72] ANGULO, DAVID, US  
[71] BODOR LABORATORIES, INC., US  
[85] 2015-09-08  
[86] 2014-03-14 (PCT/US2014/028332)  
[87] (WO2014/144075)  
[30] US (61/798,073) 2013-03-15

[21] **2,904,731**  
[13] A1

[51] **Int.Cl. C07K 14/47 (2006.01) A61K 38/10 (2006.01) A61K 38/17 (2006.01) C07K 7/08 (2006.01)**  
[25] EN  
[54] **APELIN FUSION PROTEINS AND USES THEREOF**  
[54] **PROTEINES DE FUSION D'APELINE ET LEURS UTILISATIONS**  
[72] STEVIS, PANAYIOTIS, US  
[72] GROMADA, JESPER, US  
[72] MURPHY, ANDREW, US  
[71] REGENERON PHARMACEUTICALS, INC., US  
[85] 2015-09-08  
[86] 2014-03-14 (PCT/US2014/028384)  
[87] (WO2014/152955)  
[30] US (61/786,172) 2013-03-14  
[30] US (61/906,567) 2013-11-20

[21] **2,904,723**  
[13] A1

[51] **Int.Cl. A47B 88/04 (2006.01)**  
[25] EN  
[54] **SLIM DRAWER SLIDE**  
[54] **GLISSIERE DE TIROIR MINCE**  
[72] HASHEMI, DARUSH DAVID, US  
[72] LE, HAI, US  
[72] PARVIN, JACK, US  
[72] WENMING, YANG, US  
[72] XIANG, ZHANG, US  
[71] ACCURIDE INTERNATIONAL INC., US  
[85] 2015-09-08  
[86] 2014-03-13 (PCT/US2014/026573)  
[87] (WO2014/160428)  
[30] US (61/779,125) 2013-03-13

[21] **2,904,725**  
[13] A1

[51] **Int.Cl. A61M 5/28 (2006.01) A61M 5/20 (2006.01) A61M 5/24 (2006.01) A61M 5/32 (2006.01) A61M 5/50 (2006.01)**  
[25] EN  
[54] **DRUG CASSETTE, AUTOINJECTOR, AND AUTOINJECTOR SYSTEM**  
[54] **CARTOUCHE A MEDICAMENT, AUTO-INJECTEUR ET SYSTEME D'AUTO-INJECTION**  
[72] MOUNCE, R. PAUL, US  
[72] JUDD, CLINTON, US  
[71] AMGEN INC., US  
[85] 2015-09-08  
[86] 2014-03-14 (PCT/US2014/028363)  
[87] (WO2014/144096)  
[30] US (61/800,154) 2013-03-15

[21] **2,904,732**  
[13] A1

[51] **Int.Cl. C08J 5/18 (2006.01) C08F 10/00 (2006.01) C08L 23/08 (2006.01)**  
[25] EN  
[54] **HAFNOCENE CATALYZED POLYETHYLENE FILMS HAVING RAPID CLING DEVELOPMENT**  
[54] **FILMS DE POLYETHYLENE CATALYSE PAR UN HAFNOCENE AYANT UN DEVELOPPEMENT D'ADHERENCE RAPIDE**  
[72] FARLEY, JAMES M., US  
[72] ADETUNJI, PHILIP ADETOKUNBO, AU  
[72] MIRAMS, STEPHEN JAMES, AU  
[72] BECKTON, GERALD LINDEN, AU  
[71] UNIVATION TECHNOLOGIES, LLC, US  
[85] 2015-09-08  
[86] 2014-03-14 (PCT/US2014/028790)  
[87] (WO2014/144397)  
[30] US (61/790,807) 2013-03-15

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[13] A1

[51] **Int.Cl. F24F 11/00 (2006.01) G06Q 50/06 (2012.01) F24F 11/02 (2006.01) G06Q 10/00 (2012.01)**

[25] EN

[54] **HVAC SYSTEM REMOTE MONITORING AND DIAGNOSIS**

[54] **DIAGNOSTIC ET SYSTEME DE TELESURVEILLANCE DE CHAUFFAGE, DE VENTILATION ET DE CLIMATISATION**

[72] ARENSMEIER, JEFFREY N., US

[72] HEMMELGARN, GREGG M., US

[72] ALSALEEM, FADI M., US

[72] ABIPROJO, PRIOTOMO, US

[71] EMERSON ELECTRIC CO., US

[85] 2015-09-08

[86] 2014-03-14 (PCT/US2014/028859)

[87] (WO2014/144446)

[30] US (61/800,636) 2013-03-15

[30] US (61/809,222) 2013-04-05

[30] US (14/212,632) 2014-03-14

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[21] **2,904,737**  
[13] A1

[51] **Int.Cl. A61K 31/202 (2006.01) A61P 27/02 (2006.01)**

[25] EN

[54] **NUTRITIONAL SUPPLEMENT TARGETING MEIBOMIAN GLANDS**

[54] **SUPPLEMENTS NUTRITIONNELS CIBLANT LES GLANDES DE MEIBOMIUS**

[72] SMITH, S. GREGORY, US

[72] GROSS, MICHAEL B., US

[72] SANDNES, OLAY E., US

[71] PHYSICIANS RECOMMENDED NUTRICEUTICALS, LLC, US

[85] 2015-09-09

[86] 2014-02-05 (PCT/US2014/014937)

[87] (WO2014/158356)

[30] US (13/815,599) 2013-03-12

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[21] **2,904,739**  
[13] A1

[51] **Int.Cl. A61B 17/02 (2006.01) A61B 17/34 (2006.01)**

[25] EN

[54] **TROCAR SURGICAL SEAL**

[54] **JOINT CHIRURGICAL DE TROCART**

[72] BRUSTAD, JOHN R., US

[72] ALBRECHT, JEREMY J., US

[72] HART, CHARLES C., US

[71] APPLIED MEDICAL RESOURCES CORPORATION, US

[85] 2015-09-08

[86] 2014-03-14 (PCT/US2014/028892)

[87] (WO2014/144468)

[30] US (61/790,258) 2013-03-15

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[21] **2,904,743**  
[13] A1

[51] **Int.Cl. C07K 16/22 (2006.01) A61K 45/06 (2006.01)**

[25] EN

[54] **ANTIBODIES TO HGF AND COMPOSITIONS CONTAINING**

[54] **ANTICORPS DIRIGES CONTRE HGF ET COMPOSITIONS LES CONTENANT**

[72] DUTZAR, BENJAMIN H., US

[72] ANDERSON, KATIE, US

[72] KOVACEVICH, BRIAN R., US

[72] FELDHAUS, ANDREW L., US

[72] LATHAM, JOHN A., US

[72] GARCIA-MARTINEZ, LEON F., US

[71] ALDER BIOPHARMACEUTICALS, INC., US

[85] 2015-09-08

[86] 2014-03-14 (PCT/US2014/029163)

[87] (WO2014/153117)

[30] US (61/781,643) 2013-03-14

[30] US (61/782,868) 2013-03-14

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[21] **2,904,748**  
[13] A1

[51] **Int.Cl. G06F 21/44 (2013.01) G06F 21/62 (2013.01) H04L 29/06 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR IDENTIFYING A SECURE APPLICATION WHEN CONNECTING TO A NETWORK**

[54] **SYSTEMES ET PROCEDES PERMETTANT D'IDENTIFIER UNE APPLICATION SECURISEE LORS D'UNE CONNEXION A UN RESEAU**

[72] ADLER, MICHAEL, US

[72] ENDERWICK, THOMAS JEFFREY, US

[72] KOETEN, ROBERT, US

[72] POPP, NICOLAS, US

[71] SYMANTEC CORPORATION, US

[85] 2015-09-08

[86] 2014-03-14 (PCT/US2014/029222)

[87] (WO2014/144700)

[30] US (13/834,311) 2013-03-15

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[21] **2,904,749**  
[13] A1

[51] **Int.Cl. C12N 15/12 (2006.01) A61K 38/17 (2006.01) C07K 14/435 (2006.01)**

[25] EN

[54] **SILK POLYPEPTIDES**

[54] **POLYPEPTIDES DE SOIE**

[72] WALKER, ANDREW ALLAN, AU

[72] WEISMAN, SARAH, AU

[72] SUTHERLAND, TARA, AU

[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU

[85] 2015-09-09

[86] 2013-03-26 (PCT/AU2013/000308)

[87] (WO2013/142901)

[30] US (61/615,745) 2012-03-26

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[13] A1

[51] **Int.Cl. E04C 3/17 (2006.01) E04C 5/00 (2006.01)**  
[25] EN  
[54] **TRUSS REINFORCEMENT SYSTEM**  
[54] **SYSTEME DE RENFORT DE SUPPORTS**  
[72] SIDHU, ABTAR SHAR, CA  
[72] SIDHU, GEOFFREY RAJAY, CA  
[72] VAN VLIET, DANIEL, US  
[71] ADVANCED STRUCTURAL INNOVATIVE SOLUTIONS INC., CA  
[85] 2015-09-09  
[86] 2013-08-01 (PCT/CA2013/050600)  
[87] (WO2014/138845)  
[30] US (13/791,908) 2013-03-09

[21] **2,904,755**  
[13] A1

[51] **Int.Cl. A46B 5/02 (2006.01) A46D 3/00 (2006.01) A61C 17/00 (2006.01)**  
[25] EN  
[54] **ORAL CARE IMPLEMENT ACCESSOIRE POUR SOINS BUCCAUX**  
[72] XI, WENJIN, CN  
[72] YAN, TING, CN  
[72] JI, YANMEI, CN  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2015-09-09  
[86] 2013-03-28 (PCT/CN2013/073298)  
[87] (WO2014/153747)

[21] **2,904,757**  
[13] A1

[51] **Int.Cl. A23L 1/39 (2006.01) A23L 3/36 (2006.01)**  
[25] EN  
[54] **METHODS FOR PREPARING FROZEN ONION SOUP AU GRATIN**  
[54] **PROCEDE DE PREPARATION D'UNE SOUPE A L'OIGNON GRATINEE SURGELEE**  
[72] OUELLETTE, JEAN-MARIE, CA  
[71] LES PLATS DU CHEF INC., CA  
[85] 2015-09-09  
[86] 2014-02-28 (PCT/CA2014/000159)  
[87] (WO2014/138853)  
[30] US (61/775,981) 2013-03-11

[21] **2,904,758**  
[13] A1

[51] **Int.Cl. A61K 33/24 (2006.01) A61K 9/14 (2006.01) A61P 39/06 (2006.01)**  
[25] EN  
[54] **METHOD OF ENHANCING THE BIODISTRIBUTION AND TISSUE TARGETING PROPERTIES OF THERAPEUTIC CEO2 PARTICLES VIA NANO-ENCAPSULATION AND COATING**  
[54] **PROCEDE D'AMELIORATION DES PROPRIETES DE BIOREPARTITION ET DE CIBLAGE DE TISSU DE PARTICULES CEO2 THERAPEUTIQUES VIA LA NANO-ENCAPSULATION ET L'ENROBAGE**  
[72] LEITER, JAMES, US  
[72] GILLMOR, SUSAN, US  
[72] JEREMIC, ALEKSANDAR, US  
[72] VERT-WONG, EKATERINA, US  
[72] FAIRBROTHERS, GREGG, US  
[71] PEROXYIUM, INC., DELAWARE C CORP., US  
[85] 2015-09-08  
[86] 2014-03-14 (PCT/US2014/029361)  
[87] (WO2014/153160)  
[30] US (61/785,794) 2013-03-14  
[30] US (61/802,915) 2013-03-18

[21] **2,904,760**  
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/04 (2006.01)**  
[25] EN  
[54] **PYRAZOLO COMPOUNDS AND USES THEREOF**  
[54] **COMPOSES PYRAZOLO ET LEURS UTILISATIONS**  
[72] ALBRECHT, BRIAN K., US  
[72] BELLON, STEVEN F., US  
[72] GEHLING, VICTOR S., US  
[72] HARMANGE, JEAN-CHRISTOPHE, US  
[72] LAI, KWONG WAH, CN  
[72] LIANG, JUN, US  
[72] DRAGOVICH, PETER, US  
[72] ORTWINE, DAN, US  
[72] LABADIE, SHARADA, US  
[72] ZHANG, BIRONG, US  
[72] KIEFER, JIM, US  
[71] GENENTECH, INC., US  
[71] CONSTELLATION PHARMACEUTICALS, INC., US  
[85] 2015-09-09  
[86] 2014-03-13 (PCT/CN2014/000262)  
[87] (WO2014/139326)  
[30] US (61/778,759) 2013-03-13

[21] **2,904,762**  
[13] A1

[51] **Int.Cl. A61K 31/167 (2006.01) A61P 3/10 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01)**  
[25] EN  
[54] **CHEMICAL CHAPERONINS AS NEW MOLECULAR MODULATOR OF THE BETA PROTEIN AGGREGATION IN CONFORMATIONAL DISEASE**  
[54] **CHAPERONINES CHIMIQUES COMME NOUVEAUX MODULATEURS MOLECULAIRES DE LA BETA AGREGATION PROTEIQUE PRESENTE DANS LES MALADIES CONFORMATIONNELLES**  
[72] SABLON CARRAZANA, MARQUIZA, CU  
[72] RODRIGUEZ-TANTY, CHRISLAYNE, CU  
[72] ALTAMIRANO BUSTAMANTE, MYRIAM, MARLENE, MX  
[72] RIVILLAS ACEVEDO, LINA, ANDREA, MX  
[72] LOPEZ BARROSO, ROSA, MARIA, CU  
[72] LARA MARTINEZ, REYNA, MX  
[72] FERNANDEZ GOMEZ, ISAAC, MX  
[72] RIVERA MARRERO, SUCHITIL, CU  
[72] VEDRENNE GUTIERREZ, FERNAND, MX  
[72] BENCOMO MARTINEZ, ALBERTO, CU  
[72] DOMINGUEZ MACOUZET, MARIA GUADALUPE, MX  
[72] PEREZ PERERA, RAFAELA, CU  
[72] JIMENEZ GARCIA, LUIS, FELIPE, MX  
[72] DIAZ MIRANDA, MASSIEL, CU  
[72] MORAN, ANDRADE, JULIO, MX  
[72] PERERA PINTADO, ALEJANDRO, CU  
[72] PRATS CAPOTE, ANAIS, CU  
[72] VALDES SOSA, PEDRO, CU  
[72] ISLAS ANDRADE, SERGIO, AGUSTIN, MX  
[71] CENTRO DE NEUROCIENCIAS DE CUBA (NEURONIC), CU  
[71] INSTITUTO MEXICANO DE SEGURO SOCIAL, IMSS, MX  
[85] 2015-09-09  
[86] 2013-12-30 (PCT/CU2013/000009)  
[87] (WO2014/131374)  
[30] CU (2013-0027) 2013-02-28

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[21] **2,904,763**  
[13] A1

[51] **Int.Cl. G06F 13/38 (2006.01) H04L 12/40 (2006.01)**  
[25] EN  
[54] **DEVICES AND METHODS FOR ENABLING USB COMMUNICATION OVER EXTENSION MEDIA**  
[54] **DISPOSITIFS ET PROCEDES PERMETTANT D'ACTIVER UNE COMMUNICATION USB PAR L'INTERMEDIAIRE DE SUPPORTS D'EXTENSION**  
[72] SCHULTZ, THOMAS AARON, CA  
[72] JAGJITKUMAR, KARAN, CA  
[71] ICRON TECHNOLOGIES CORPORATION, CA  
[85] 2015-09-09  
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[30] US (13/844,031) 2013-03-15

[21] **2,904,764**  
[13] A1

[51] **Int.Cl. A41G 5/02 (2006.01)**  
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[54] **CASCADING EYELASHES**  
[54] **CILS EN CASCADE**  
[72] TAVAKOLI, SARA, US  
[71] TAVAKOLI, SARA, US  
[85] 2015-09-09  
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[87] (WO2014/139943)  
[30] US (61/775,565) 2013-03-09  
[30] EP (14000372.4) 2014-01-31

[21] **2,904,765**  
[13] A1

[51] **Int.Cl. A01N 1/02 (2006.01) B01L 3/00 (2006.01)**  
[25] EN  
[54] **SAMPLE FIXATION AND STABILISATION**  
[54] **FIXATION ET STABILISATION D'ECHANTILLON**  
[72] GOLDSBOROUGH, ANDREW SIMON, FR  
[72] BATES, MALCOLM ROBERT, GB  
[71] GOLDSBOROUGH, ANDREW SIMON, FR  
[71] BATES, MALCOLM ROBERT, GB  
[85] 2015-08-31  
[86] 2014-02-28 (PCT/EP2014/054009)  
[87] (WO2014/131906)  
[30] GB (1303666.0) 2013-03-01

[21] **2,904,766**  
[13] A1

[51] **Int.Cl. A61B 19/00 (2006.01) A61B 17/56 (2006.01) G06F 19/00 (2011.01)**  
[25] EN  
[54] **METHOD, SYSTEM AND APPARATUS FOR CONTROLLING A SURGICAL NAVIGATION SYSTEM**  
[54] **PROCEDE, SYSTEME ET APPAREIL PERMETTANT DE COMMANDER UN SYSTEME DE NAVIGATION CHIRURGICALE**  
[72] PIRON, CAMERON, CA  
[72] WOOD, MICHAEL, CA  
[72] SELA, GAL, CA  
[72] RICHMONG, JOSH, CA  
[72] YUWARAJ, MURUGATHAS, CA  
[72] MCFADYEN, STEPHEN, CA  
[72] DYER, KELLY, CA  
[72] THOMAS, MONROE M., CA  
[72] HODGES, WES, CA  
[72] ALEXANDER, SIMON, CA  
[72] GALLOP, DAVID, CA  
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/CA2014/000247)  
[87] (WO2014/138916)  
[30] US (61/801,530) 2013-03-15  
[30] US (61/800,155) 2013-03-15  
[30] US (61/818,280) 2013-05-01  
[30] US (61/924,993) 2014-01-08

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[13] A1

[51] **Int.Cl. A61K 31/662 (2006.01) A61K 31/27 (2006.01) A61K 31/4015 (2006.01) A61K 31/407 (2006.01) A61K 31/445 (2006.01) A61K 31/473 (2006.01) A61K 31/55 (2006.01) A61P 25/00 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR IMPROVING COGNITIVE FUNCTION**  
[54] **PROCEDES ET COMPOSITIONS POUR AMELIORER LA FONCTION COGNITIVE**  
[72] SMITH, GARDINER, US  
[71] AGENEBIO INC., US  
[85] 2015-09-08  
[86] 2014-03-14 (PCT/US2014/029362)  
[87] (WO2014/144801)  
[30] US (61/800,191) 2013-03-15

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[13] A1

[51] **Int.Cl. C07D 498/14 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **CHEMICAL ENTITIES**  
[54] **ENTITES CHIMIQUES**  
[72] PASTOR FERNANDEZ, JOAQUIN, ES  
[72] FERNANDEZ-CAPETILLO RUIZ, OSCAR, ES  
[72] MARTINEZ GONZALEZ, SONIA, ES  
[72] BLANCO APARICIO, CARMEN, ES  
[72] RICO FERREIRA, MARIA DEL ROSARIO, ES  
[72] TOLEDO LAZARO, LUIS IGNACIO, ES  
[72] RODRIGUEZ ARISTEGUI, SONSOLES, ES  
[72] MURGA COSTA, MATILDE, ES  
[72] VARELA BUSTO, CARMEN, ES  
[72] LOPEZ CONTRERAS, ANDRES JOAQUIN, ES  
[72] RENNER, OLIVER, ES  
[72] NIETO SOLER, MARIA, ES  
[72] CEBRIAN MUNOZ, DAVID ALVARO, ES  
[71] FUNDACION CENTRO NACIONAL DE INVESTIGACIONES ONCOLOGICAS CARLOS III, ES  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/GB2014/050825)  
[87] (WO2014/140644)  
[30] EP (13382089.4) 2013-03-15

[21] **2,904,769**  
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01) A61M 15/00 (2006.01)**  
[25] EN  
[54] **AEROSOL-GENERATING SYSTEM HAVING A PIERCING ELEMENT**  
[54] **SYSTEME GENERATEUR D'AEROSOL DOTE D'UN ELEMENT DE PERCAGE**  
[72] CLEMENTS, JEREMY PETER, GB  
[72] SILVESTRINI, PATRICK-CHARLES, CH  
[72] MALGAT, ALEXANDRE, FR  
[71] PHILIP MORRIS PRODUCTS S.A., CH  
[85] 2015-09-09  
[86] 2014-03-12 (PCT/EP2014/054821)  
[87] (WO2014/140087)  
[30] EP (13159562.1) 2013-03-15

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[13] A1

[51] **Int.Cl. A61K 31/538 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **ANTI-TUMORAL COMPOSITION COMPRISING A PI3KBETA INHIBITOR AND A RAF INHIBITOR, TO OVERCOME CANCER CELLS RESISTANCE**  
[54] **COMPOSITION ANTITUMORALE COMPRENANT UN INHIBITEUR DE PI3KBETA ET UN INHIBITEUR DE RAF, POUR SURMONTER LA RESISTANCE DE CELLULES CANCEREUSES**  
[72] BONNEVAUX, HELENE, FR  
[72] GARCIA-ECHEVERRIA, CARLOS, FR  
[72] VIRONE-ODDOS, ANGELA, FR  
[71] SANOFI, FR  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/EP2014/055116)  
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[13] A1

[51] **Int.Cl. H02K 29/00 (2006.01) H02K 9/02 (2006.01) H02K 11/00 (2006.01)**  
[25] EN  
[54] **BRUSH-LESS MOTOR**  
[54] **MOTEUR-SANS BALAIS**  
[72] CHEN, YIN, CN  
[72] XIA, RANRAN, CN  
[72] WANG, QIANG, CN  
[71] CHANGZHOU GLOBE CO., LTD., CN  
[85] 2015-09-09  
[86] 2013-11-13 (PCT/CN2013/001376)  
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[30] CN (201210506043.8) 2012-12-03

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[13] A1

[51] **Int.Cl. G01B 17/02 (2006.01) G01B 17/06 (2006.01) G01N 29/04 (2006.01)**  
[25] EN  
[54] **ULTRASONIC DETECTION OF A CHANGE IN A SURFACE OF A WALL**  
[54] **DETECTION ULTRASONORE D'UNE VARIATION D'UNE SURFACE D'UNE PAROI**  
[72] CEGLA, FREDERIC BERT, GB  
[72] GAJDACSI, ATTILA, GB  
[71] PERMASENSE LIMITED, GB  
[85] 2015-09-09  
[86] 2014-03-26 (PCT/GB2014/050957)  
[87] (WO2014/167285)  
[30] GB (1306304.5) 2013-04-08

[21] **2,904,773**  
[13] A1

[51] **Int.Cl. E03C 1/14 (2006.01) E03C 1/01 (2006.01)**  
[25] EN  
[54] **WASH BASIN WITH FOOT WASHING FACILITY**  
[54] **LAVABO COMPORTANT UNE INSTALLATION DE LAVAGE DE PIED**  
[72] AZMI, MOIN UZZAMAN, GB  
[71] AZMI, MOIN UZZAMAN, GB  
[85] 2015-09-09  
[86] 2013-03-11 (PCT/GB2013/050597)  
[87] (WO2013/136055)  
[30] GB (1204341.0) 2012-03-12

[21] **2,904,774**  
[13] A1

[51] **Int.Cl. E21B 7/08 (2006.01)**  
[25] EN  
[54] **DOWNHOLE DIRECTIONAL DRILLING ASSEMBLY**  
[54] **SYSTEME DE FORAGE DIRECTIONNEL DE FOND DE TROU**  
[72] POLLOCK, IAN, GB  
[72] DESMETTE, SEBASTIAN, BE  
[71] TERCEL IP LIMITED, VG  
[85] 2015-09-09  
[86] 2013-03-15 (PCT/IB2013/000411)  
[87] (WO2014/140661)

[21] **2,904,775**  
[13] A1

[51] **Int.Cl. H04L 27/26 (2006.01)**  
[25] EN  
[54] **TRANSMITTERS, RECEIVERS AND METHODS OF TRANSMITTING AND RECEIVING WITH SCATTERED AND CONTINUOUS PILOTS IN AN OFDM SYSTEM**  
[54] **EMETTEURS, RECEPTIONS ET PROCES D'EMISSION ET RECEPTION AVEC PILOTES DIFFUS ET CONTINUS DANS UN SYSTEME OFDM**  
[72] ASJADI, GHOLAM HOSEIN, GB  
[71] SONY CORPORATION, JP  
[85] 2015-09-09  
[86] 2014-02-14 (PCT/GB2014/050441)  
[87] (WO2014/140520)  
[30] GB (1304531.5) 2013-03-13

[21] **2,904,776**  
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**  
[25] EN  
[54] **HEATING SMOKEABLE MATERIAL**  
[54] **CHAUFFAGE DE MATERIAU A FUMER**  
[72] SALEEM, FOZIA, GB  
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB  
[85] 2015-09-09  
[86] 2014-03-19 (PCT/EP2014/055485)  
[87] (WO2014/147114)  
[30] GB (1305294.9) 2013-03-22

[21] **2,904,779**  
[13] A1

[51] **Int.Cl. A61K 41/00 (2006.01) A61K 49/18 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **HYPOSMOTIC SOLUTIONS FOR LYMPH NODE DETECTION**  
[54] **SOLUTIONS HYPOSMOTIQUES POUR UNE DETECTION DE GANGLION LYMPHATIQUE**  
[72] SHAWCROSS, ANDREW P., GB  
[72] GONZALEZ-CARVAJAL, JOHN, GB  
[72] BROWN, MARC, GB  
[72] TURNER, ROB, GB  
[71] ENDOMAGNETICS LTD., GB  
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[86] 2014-03-10 (PCT/GB2014/050698)  
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[30] US (61/775,780) 2013-03-11

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[54] **SHOPPING CART**  
[54] **CHARIOT DE MAGASIN**  
[72] STAUFF, RICK, US  
[72] VANDE BERG, GARY, US  
[72] WATSON, ROY, US  
[71] BEMIS MANUFACTURING COMPANY, US  
[85] 2015-09-08  
[86] 2014-03-14 (PCT/US2014/029474)  
[87] (WO2014/144880)  
[30] US (61/792,120) 2013-03-15  
[30] US (61/811,393) 2013-04-12

[21] **2,904,782**  
[13] A1

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

[25] EN  
[54] **METHOD AND SYSTEM FOR DAMPING VIBRATIONS IN A TOOL STRING SYSTEM**  
[54] **PROCEDE ET SYSTEME POUR AMORTIR DES VIBRATIONS DANS UN SYSTEME DE TRAIN DE TIGES D'OUTIL**  
[72] DWARS, SICCO, NL  
[72] STULEMEIJER, IVO PETRUS JOZEF MARIA, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2015-09-09  
[86] 2014-03-19 (PCT/EP2014/055490)  
[87] (WO2014/147116)  
[30] EP (13160308.6) 2013-03-21  
[30] EP (13179337.4) 2013-08-06

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[13] A1

[51] **Int.Cl. D21H 11/08 (2006.01) D21H 11/18 (2006.01) D21H 21/18 (2006.01)**

[25] EN  
[54] **PAPER COMPOSITION**  
[54] **COMPOSITION DE PAPIER**  
[72] HUSBAND, JOHN CLAUDE, GB  
[72] SVENDING, PER, SE  
[71] IMERYS MINERALS LIMITED, GB  
[85] 2015-09-09  
[86] 2014-03-12 (PCT/GB2014/050728)  
[87] (WO2014/140564)  
[30] GB (1304717.0) 2013-03-15

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[13] A1

[51] **Int.Cl. B63B 27/16 (2006.01) B63B 27/36 (2006.01)**

[25] EN  
[54] **SYSTEMS AND METHODS FOR DEPLOYING AUTONOMOUS UNDERWATER VEHICLES FROM A SHIP**  
[54] **SYSTEMES ET PROCEDES POUR DEPLOYER DES VEHICULES SOUS L'EAU AUTONOMES A PARTIR D'UN NAVIRE**  
[72] RIKOSKI, RICHARD J., US  
[72] DAMUS, ROBERT S., US  
[71] HADAL, INC., US  
[85] 2015-09-08  
[86] 2014-03-14 (PCT/US2014/029533)  
[87] (WO2014/144928)  
[30] US (61/792,708) 2013-03-15

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[13] A1

[51] **Int.Cl. A47J 31/44 (2006.01)**

[25] EN  
[54] **CAPSULE PROVIDED WITH A CODE AND AUTOMATED BEVERAGE PREPARATION SYSTEM**  
[54] **CAPSULE DOTEE D'UN CODE ET SYSTEME DE PREPARATION DE BOISSON AUTOMATISE**  
[72] FLICK, JEAN-MARC, CH  
[71] NESTEC S.A., CH  
[85] 2015-09-09  
[86] 2014-03-19 (PCT/EP2014/055510)  
[87] (WO2014/147128)  
[30] EP (13160532.1) 2013-03-22

[21] **2,904,788**  
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**

[25] EN  
[54] **QUERYING ONE OR MORE DATABASES**  
[54] **INTERROGATION D'UNE OU PLUSIEURS BASES DE DONNEES**  
[72] TABB, LLOYD, US  
[72] PORTERFIELD, BENJAMIN, US  
[71] LOOKER DATA SCIENCES, INC., US  
[85] 2015-09-08  
[86] 2014-03-14 (PCT/US2014/029551)  
[87] (WO2014/144938)  
[30] US (13/839,559) 2013-03-15  
[30] US (14/061,562) 2013-10-23

[21] **2,904,790**  
[13] A1

[51] **Int.Cl. E21B 17/06 (2006.01)**

[25] EN  
[54] **TOOL FOR SELECTIVELY CONNECTING OR DISCONNECTING COMPONENTS OF A DOWNHOLE WORKSTRING**  
[54] **OUTIL DE CONNEXION OU DE DECONNEXION SELECTIVE DE COMPOSANTS D'UN TRAIN DE TIGES DE TRAVAIL DE FOND DE TROU**  
[72] HANTON, JOHN, GB  
[72] LASATER, JEFFREY B., US  
[71] TERCEL IP LIMITED, VG  
[85] 2015-09-09  
[86] 2013-03-15 (PCT/IB2013/000398)  
[87] (WO2014/140658)

[21] **2,904,792**  
[13] A1

[51] **Int.Cl. H02G 1/10 (2006.01) F16L 1/00 (2006.01) G02B 6/38 (2006.01) H01R 13/523 (2006.01) H02G 15/14 (2006.01)**

[25] EN  
[54] **AUTOMATED TIGHTENER FOR A WET MATEABLE CONNECTION ASSEMBLY**  
[54] **TENDEUR AUTOMATISE POUR UN ENSEMBLE DE CONNEXION POUVANT S'ADAPTER A L'ETAT HUMIDE**  
[72] SALES CASALS, LLUIS RAMON, IT  
[72] SITJAR, RAFEL, ES  
[72] VILLEGAS, MONICA, ES  
[72] SOLE ROVIRA, JOAN, ES  
[72] TORT, JAUME, ES  
[72] MOLINO, ERIK, ES  
[71] PRYSMIAN S.P.A., IT  
[85] 2015-09-09  
[86] 2013-03-26 (PCT/IB2013/052401)  
[87] (WO2014/155150)

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[13] A1

[51] **Int.Cl. A61K 31/167 (2006.01)**  
[25] EN  
[54] **MODULATORS OF THE EIF2ALPHA PATHWAY**  
[54] **MODULATEURS DE LA VOIE EIF2 ALPHA**  
[72] WALTER, PETER, US  
[72] SIDRAUSKI, CARMELA, US  
[72] ACOSTA ALVEAR, DIEGO, US  
[72] ARKIN, MICHELLE R., US  
[72] WILSON, CHRISTOPHER G., US  
[72] ANG, KEAN HOOL, US  
[72] HEARN, BRIAN R., US  
[72] VEDANTHAM, PUNITHA, US  
[72] RENSLO, ADAM R., US  
[72] MAZE, MERVYN, US  
[72] VACAS, SUSANA, US  
[71] WALTER, PETER, US  
[71] SIDRAUSKI, CARMELA, US  
[71] ACOSTA ALVEAR, DIEGO, US  
[71] ARKIN, MICHELLE R., US  
[71] WILSON, CHRISTOPHER G., US  
[71] ANG, KEAN HOOL, US  
[71] HEARN, BRIAN R., US  
[71] VEDANTHAM, PUNITHA, US  
[71] RENSLO, ADAM R., US  
[71] MAZE, MERVYN, US  
[71] VACAS, SUSANA, US  
[85] 2015-09-08  
[86] 2014-03-14 (PCT/US2014/029568)  
[87] (WO2014/144952)  
[30] US (61/787,633) 2013-03-15

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[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01) H04W 12/06 (2009.01) H04W 48/18 (2009.01)**  
[25] EN  
[54] **METHOD AND DEVICE FOR AUTHENTICATING A MOBILE STATION ON AN ALTERNATIVE COMMUNICATIONS NETWORK**  
[54] **PROCEDE ET DISPOSITIF D'AUTHENTIFICATION D'UNE STATION MOBILE SUR UN RESEAU DE COMMUNICATION ALTERNATIF**  
[72] STEIN, MATHEW, CA  
[71] KNOWROAMING LTD, CA  
[85] 2015-09-09  
[86] 2014-02-05 (PCT/IB2014/058800)  
[87] (WO2014/122588)  
[30] US (61/760,905) 2013-02-05  
[30] US (61/881,753) 2013-09-24

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[13] A1

[51] **Int.Cl. B63G 8/00 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR PRESSURE TOLERANT ENERGY SYSTEMS**  
[54] **SYSTEMES ET PROCEDES POUR SYSTEMES D'ENERGIE TOLERANTS A LA PRESSION**  
[72] MORASH, JAMES, US  
[72] POMPA, JONATHAN, US  
[72] KFIR, BEN, US  
[72] DAMUS, ROBERT S., US  
[72] RIKOSKI, RICHARD J., US  
[71] HADAL, INC., US  
[85] 2015-09-08  
[86] 2014-03-14 (PCT/US2014/029608)  
[87] (WO2014/144976)  
[30] US (61/792,708) 2013-03-15

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[13] A1

[51] **Int.Cl. A61K 31/519 (2006.01) A61K 31/404 (2006.01) A61K 31/4709 (2006.01) A61K 31/506 (2006.01) A61K 31/513 (2006.01) A61K 31/517 (2006.01) A61K 31/5377 (2006.01) A61K 31/553 (2006.01) A61K 31/66 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **COMBINATION OF AN EGFR T790M INHIBITOR AND AN EGFR INHIBITOR FOR THE TREATMENT OF NON-SMALL CELL LUNG CANCER**  
[54] **COMBINAISON D'UN INHIBITEUR DE L'EGFR T790M ET D'UN INHIBITEUR DE L'EGFR DANS LE TRAITEMENT D'UN CANCER DU POUMON NON A PETITES CELLULES**  
[72] GOLDBERG, ZELANNA IRIS, US  
[72] KATH, JOHN CHARLES, US  
[72] LETRENT, STEPHEN PAUL, US  
[72] WEINRICH, SCOTT LAWRENCE, US  
[71] PFIZER INC., US  
[85] 2015-09-09  
[86] 2014-03-03 (PCT/IB2014/059401)  
[87] (WO2014/140989)  
[30] US (61/786,130) 2013-03-14

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[13] A1

[51] **Int.Cl. B63G 8/18 (2006.01) B22D 31/00 (2006.01) B29C 44/34 (2006.01) B63B 3/13 (2006.01) B63B 27/16 (2006.01) B63B 27/36 (2006.01) B63G 8/39 (2006.01) F17C 1/00 (2006.01) F42B 19/06 (2006.01) G01S 7/52 (2006.01) G01S 15/10 (2006.01) G01S 15/60 (2006.01) G01S 15/89 (2006.01) G10K 11/00 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR A ROBUST UNDERWATER VEHICLE**  
[54] **SYSTEMES ET PROCEDES POUR UN VEHICULE SOUS-MARIN ROBUSTE**  
[72] RIKOSKI, RICHARD J., US  
[72] DAMUS, ROBERT S., US  
[72] POMPA, JONATHAN, US  
[72] OWENS, DYLAN, US  
[72] JENKINS, RICHARD, US  
[71] HADAL, INC., US  
[85] 2015-09-08  
[86] 2014-03-14 (PCT/US2014/029615)  
[87] (WO2014/144982)  
[30] US (61/792,708) 2013-03-15

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[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/20 (2011.01) G01N 33/50 (2006.01)**  
[25] EN  
[54] **IN VITRO METHOD FOR PREDICTIVE ASSESSMENT OF THE PROSPECTS OF SUCCESS OF AN IMPLANT AND/OR TRANSPLANT**  
[54] **PROCEDE IN VITRO D'EVALUATION PRONOSTIQUE DES CHANCES DE REUSSITE D'UNE IMPLANTATION ET/OU TRANSPLANTATION**  
[72] MOLLENHAUER, JURGEN, DE  
[72] GAISSMAIER, CHRISTOPH, DE  
[72] BENZ, KARIN, DE  
[71] TETEC TISSUE ENGINEERING TECHNOLOGIES AG, DE  
[85] 2015-09-09  
[86] 2014-03-20 (PCT/EP2014/055667)  
[87] (WO2014/154569)  
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[30] DE (10 2014 201 528.6) 2014-01-28

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[13] A1

[51] **Int.Cl. H01T 13/20 (2006.01) F02P 13/00 (2006.01) H01T 13/22 (2006.01)**

[25] EN

[54] **IGNITION APPARATUS, IGNITION PLUG, AND ENGINE USING THEM**

[54] **APPAREIL D'ALLUMAGE, BOUGIE D'ALLUMAGE, ET MOTEUR UTILISANT LEDIT APPAREIL ET LADITE BOUGIE**

[72] TAKEMOTO, TORU, JP  
[72] TOSHINAGA, KAZUTERU, JP  
[72] HAGIWARA, RYOICHI, JP  
[72] FURUTANI, MASAHIRO, JP  
[71] YANMAR CO., LTD., JP  
[71] NAGOYA INSTITUTE OF TECHNOLOGY, JP

[85] 2015-09-09  
[86] 2014-01-20 (PCT/JP2014/050959)  
[87] (WO2014/148083)  
[30] JP (2013-056471) 2013-03-19

[21] **2,904,801**  
[13] A1

[51] **Int.Cl. H04N 13/04 (2006.01) G02B 27/22 (2006.01) G02F 1/1347 (2006.01)**

[25] EN

[54] **AUTOSTEREOSCOPIC DISPLAY DEVICE**

[54] **DISPOSITIF D'AFFICHAGE AUTOSTEREOSCOPIQUE**

[72] KROON, BART, NL  
[72] JOHNSON, MARK THOMAS, NL  
[71] KONINKLIJKE PHILIPS N.V., NL

[85] 2015-09-09  
[86] 2014-03-07 (PCT/IB2014/059527)  
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[30] US (61/776,265) 2013-03-11

[21] **2,904,802**  
[13] A1

[51] **Int.Cl. C12N 15/09 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01) C12N 7/00 (2006.01)**

[25] EN

[54] **MICROVESICLE AND METHOD FOR PRODUCING THE SAME**

[54] **MICROVESICULE ET SON PROCEDE DE PRODUCTION**

[72] LI, ZHONG, JP  
[72] FENG, LUO, US  
[72] KATSURA, MISAKO, JP  
[71] LI, ZHONG, JP  
[71] KATSURA, MISAKO, JP

[85] 2015-09-09  
[86] 2014-03-13 (PCT/JP2014/056651)  
[87] (WO2014/142235)  
[30] US (61/779,556) 2013-03-13  
[30] US (61/894,563) 2013-10-23

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[13] A1

[51] **Int.Cl. B01J 37/20 (2006.01) B01J 23/85 (2006.01) B01J 23/88 (2006.01) B01J 23/882 (2006.01) B01J 23/883 (2006.01) B01J 23/888 (2006.01) B01J 27/049 (2006.01) B01J 27/051 (2006.01) B01J 38/00 (2006.01) B01J 38/12 (2006.01) C10G 45/08 (2006.01)**

[25] EN

[54] **PROCESS FOR REJUVENATION OF A USED HYDROTREATING CATALYST**

[54] **PROCEDE POUR LA REGENERATION D'UN CATALYSEUR D'HYDROTRAITEMENT USE**

[72] AZGHAY, ALI, NL  
[72] GILTAY, PATRICIA JOHANNA ANNE MARIA, NL  
[72] RIGUTTO, MARCELLO STEFANO, NL  
[72] VAN WELSENES, AREND JAN, NL  
[72] WINTER, FERRY, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPU B.V., NL

[85] 2015-09-09  
[86] 2014-03-28 (PCT/EP2014/056274)  
[87] (WO2014/154862)  
[30] EP (13161608.8) 2013-03-28

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[13] A1

[51] **Int.Cl. C12N 5/00 (2006.01) C12N 5/02 (2006.01)**

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[54] **MULTIFUNCTIONAL IMMATURE DENTAL PULP STEM CELLS AND THERAPEUTIC APPLICATIONS**

[54] **CELLULES SOUCHES DE PULPE DENTAIRE IMMATURES MULTIFONCTIONNELLES ET APPLICATIONS THERAPEUTIQUES**

[72] KERKIS, IRINA, BR  
[72] GLOZMAN, SABINA, IL  
[71] AVITA INTERNATIONAL LTD., VG

[85] 2015-09-09  
[86] 2014-03-15 (PCT/IB2014/059850)  
[87] (WO2014/141210)  
[30] US (61/791,594) 2013-03-15  
[30] US (61/800,245) 2013-03-15

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[13] A1

[51] **Int.Cl. C07K 16/22 (2006.01) A61K 39/395 (2006.01) A61P 27/02 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01)**

[25] EN

[54] **FC-RECEPTOR BINDING MODIFIED ASYMMETRIC ANTIBODIES AND METHODS OF USE**

[54] **ANTICORPS ASYMETRIQUES MODIFIES LIANT A LA RECEPTEUR FC ET PROCEDES D'UTILISATION**

[72] REGULA, JOERG THOMAS, DE  
[72] SCHAEFER, WOLFGANG, DE  
[72] SCHLOTHAUER, TILMAN, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2015-09-09  
[86] 2014-04-25 (PCT/EP2014/058416)  
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[51] **Int.Cl. C07K 16/22 (2006.01) A61K 39/395 (2006.01) A61P 27/02 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01)**

[25] EN

[54] **HUMAN FCRN-BINDING MODIFIED ANTIBODIES AND METHODS OF USE**

[54] **ANTICORPS MODIFIES SE LIANT AU FCRN HUMAIN ET PROCEDES D'UTILISATION**

[72] HARTMANN, GUIDO, DE  
[72] REGULA, JOERG THOMAS, DE  
[72] RUETH, MATTHIAS, DE  
[72] SCHAEFER, WOLFGANG, DE  
[72] SCHLOTHAUER, TILMAN, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2015-09-09  
[86] 2014-04-25 (PCT/EP2014/058417)  
[87] (WO2014/177460)  
[30] EP (13165744.7) 2013-04-29  
[30] EP (14151316.8) 2014-01-15

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[13] A1

[51] **Int.Cl. B63G 8/00 (2006.01) B22D 31/00 (2006.01) B29C 44/34 (2006.01) B63B 3/13 (2006.01) B63B 27/16 (2006.01) B63B 27/36 (2006.01) B63G 8/39 (2006.01) F17C 1/00 (2006.01) G01C 21/00 (2006.01) G01C 21/16 (2006.01) G01S 7/52 (2006.01) G01S 15/02 (2006.01) G01S 15/10 (2006.01) G01S 15/60 (2006.01) G01S 15/89 (2006.01)**

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[54] **SYSTEMS AND METHODS FOR NAVIGATING AUTONOMOUS UNDERWATER VEHICLES**

[54] **SYSTEMES ET PROCEDES POUR FAIRE NAVIGUER DES VEHICULES SOUS-MARINS AUTONOMES**

[72] RIKOSKI, RICHARD J., US  
[71] HADAL, INC., US  
[85] 2015-09-08  
[86] 2014-03-14 (PCT/US2014/029653)  
[87] (WO2014/145017)  
[30] US (61/792,708) 2013-03-15

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[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/16 (2006.01) A61K 47/36 (2006.01) A61K 47/38 (2006.01)**

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[54] **COMPOSITIONS OF TIACUMICIN COMPOUNDS**

[54] **COMPOSITION DE COMPOSES DE TIACUMICINE**

[72] MURAKAMI, YOSHIYUKI, JP  
[72] SAITO, HIKARU, JP  
[71] ASTELLAS PHARMA EUROPE LTD, GB  
[85] 2015-09-09  
[86] 2014-01-14 (PCT/EP2014/000091)  
[87] (WO2014/111254)  
[30] EP (13075002.9) 2013-01-15

[21] **2,904,809**  
[13] A1

[51] **Int.Cl. F41C 27/00 (2006.01) F41A 33/00 (2006.01) F41G 11/00 (2006.01)**

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[54] **FIREARM ACCESSORY**

[54] **ACCESSOIRE D'ARME A FEU**

[72] SCHMEHL, STEWART JACOB, US  
[72] HAMANN, PETER JAMES, US  
[72] SCHMEHL, JACOB STEWART, US  
[71] SCHMEHL, STEWART JACOB, US  
[71] HAMANN, PETER JAMES, US  
[71] SCHMEHL, JACOB STEWART, US  
[85] 2015-09-08  
[86] 2014-03-14 (PCT/US2014/029740)  
[87] (WO2014/145079)  
[30] US (61/788,242) 2013-03-15

[21] **2,904,810**  
[13] A1

[51] **Int.Cl. F03B 11/00 (2006.01) F03B 3/02 (2006.01)**

[25] FR

[54] **TURBINE HYDRAULIQUE ET INSTALLATION DE CONVERSION D'ENERGIE COMPRENANT UNE TELLE TURBINE**

[54] **HYDRAULIC TURBINE, AND POWER CONVERSION FACILITY INCLUDING SUCH A TURBINE**

[72] SABOURIN, MICHEL, CA  
[72] BORNARD, LAURENT, CA  
[72] BEAULIEU, SEBASTIEN, CA  
[71] ALSTOM RENEWABLE TECHNOLOGIES, FR  
[85] 2015-09-09  
[86] 2013-03-19 (PCT/FR2013/050587)  
[87] (WO2014/147300)

[21] **2,904,811**  
[13] A1

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

[25] EN

[54] **USE OF POLYCARBOXYLATE ETHERS IN COMBINATION WITH OTHER ADDITIVES FOR MILLING CEMENT**

[54] **UTILISATION D'ETHERS DE POLYCARBOXYLATES EN COMBINAISON AVEC D'AUTRES ADDITIFS POUR LE BROUAGE DE CIMENT**

[72] HONERT, DIETER, DE  
[72] HELLER, THOMAS, DE  
[72] MULLER, THOMAS, DE  
[71] SIKA TECHNOLOGY AG, CH  
[85] 2015-09-09  
[86] 2014-03-06 (PCT/EP2014/054354)  
[87] (WO2014/139857)  
[30] EP (13159010.1) 2013-03-13

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[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) A61B 1/31 (2006.01) A61K 9/00 (2006.01) A61P 21/02 (2006.01)**

[25] EN

[54] **EUTECTIC FORMULATIONS OF CYCLOBENZAPRINE HYDROCHLORIDE AND AMITRIPTYLINE HYDROCHLORIDE**

[54] **FORMULATIONS EUTECTIQUES DE CHLORHYDRATE DE CYCLOBENZAPRINE ET DE CHLORHYDRATE D'AMITRIPTYLINE**

[72] NEBULONI, MARINO, IT  
[72] COLOMBO, PATRIZIA, IT  
[71] TONIX PHARMACEUTICALS, INC., US  
[85] 2015-09-08  
[86] 2014-03-14 (PCT/US2014/029872)  
[87] (WO2014/145156)  
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[13] A1

[51] **Int.Cl. B01J 19/00 (2006.01)**  
[25] EN  
[54] **METHOD FOR HANDLING SOLIDS CAPABLE OF DEFLAGRATION**  
[54] **PROCEDE DE MANIPULATION DE MATIERES SOLIDES EXPLOSIBLES**  
[72] MORHENN, HEINRICH, DE  
[72] SALG, STEFFEN, DE  
[71] BAYER TECHNOLOGY SERVICES GMBH, DE  
[85] 2015-09-09  
[86] 2014-03-07 (PCT/EP2014/054428)  
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[13] A1

[51] **Int.Cl. A61B 5/02 (2006.01) A61B 5/00 (2006.01) A61B 19/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PERSONALIZED HEMODYNAMICS MODELING AND MONITORING**  
[54] **SYSTEME ET PROCEDE DE MODELISATION ET DE SUIVI HEMODYNAMIQUES PERSONNALISES**  
[72] ADIROVICH, LEV, IL  
[72] ROYTVARF, ALEXANDER, IL  
[71] CARDIOART TECHNOLOGIES LTD., IL  
[85] 2015-09-09  
[86] 2014-03-13 (PCT/IB2014/000331)  
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[13] A1

[51] **Int.Cl. A61L 15/00 (2006.01) A61F 13/15 (2006.01) A61L 15/28 (2006.01) B01J 20/24 (2006.01) B01J 20/28 (2006.01) D21C 9/00 (2006.01) D21C 9/10 (2006.01) D21C 9/16 (2006.01) D21H 11/04 (2006.01) D21H 11/16 (2006.01)**  
[25] EN  
[54] **SURFACE TREATED MODIFIED CELLULOSE FROM CHEMICAL KRAFT FIBER AND METHODS OF MAKING AND USING THE SAME**  
[54] **CELLULOSE MODIFIEE TRAITEE EN SURFACE A BASE DE FIBRES KRAFT CHIMIQUES ET PROCEDES DE FABRICATION ET D'UTILISATION DE CELLE-CI**  
[72] NONNI, ARTHUR J., US  
[72] COURCHENE, CHARLES E., US  
[72] TIPPEY, DAROLD, US  
[71] GP CELLULOSE GMBH, CH  
[85] 2015-09-09  
[86] 2014-02-25 (PCT/IB2014/000759)  
[87] (WO2014/140801)  
[30] US (13/840,857) 2013-03-15

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[13] A1

[51] **Int.Cl. G06Q 30/08 (2012.01) G06F 17/30 (2006.01)**  
[25] EN  
[54] **SPONSORSHIP SYSTEM**  
[54] **SYSTEME DE PARRAINAGE**  
[72] PUNTORIERO, ANTHONY, AU  
[71] INSTANT SPONSOR.COM PTY LTD, AU  
[85] 2015-09-09  
[86] 2014-03-10 (PCT/AU2014/000233)  
[87] (WO2014/138779)  
[30] AU (2013900856) 2013-03-12

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[13] A1

[51] **Int.Cl. H01S 3/0941 (2006.01) H01S 3/131 (2006.01) H01S 5/00 (2006.01) H01S 5/026 (2006.01) H01S 5/068 (2006.01) H01S 5/0683 (2006.01) H01S 5/0687 (2006.01) H01S 5/10 (2006.01) H01S 5/125 (2006.01) H01S 5/22 (2006.01)**  
[25] EN  
[54] **METHOD OF STABILIZING A LASER APPARATUS WITH WAVELENGTH CONVERTER**  
[54] **PROCEDE DE STABILISATION D'UN APPAREIL LASER AU MOYEN D'UN CONVERTISSEUR DE LONGUEUR D'ONDE**  
[72] JENSEN, OLE BJARLIN, DK  
[72] ANDERSEN, PETER ESKIL, DK  
[72] PETERSEN, PAUL MICHAEL, DK  
[72] MULLER, ANDRE, DK  
[71] DANMARKS TEKNISKE UNIVERSITET, DK  
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[86] 2012-03-13 (PCT/EP2012/054338)  
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[13] A1

[51] **Int.Cl. A63F 1/00 (2006.01) A63F 1/12 (2006.01) A63F 1/14 (2006.01) A63F 13/00 (2014.01)**  
[25] EN  
[54] **POKER TABLE ACCOMMODATING MULTIPLE DEALERS TO FACILITATE PLAY OF MULTIPLE POKER GAMES SIMULTANEOUSLY**  
[54] **TABLE DE POKER POUVANT RECEVOIR PLUSIEURS COURTIERS AFIN DE FACILITER SIMULTANEMENT LA TENUE DE PLUSIEURS JEUX DE POKER**  
[72] FRAZIN, TIMOTHY M., US  
[71] PAC GAMING LLC, US  
[85] 2015-09-09  
[86] 2013-03-08 (PCT/US2013/030009)  
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[30] US (13/416,347) 2012-03-09

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[13] A1

[51] **Int.Cl. A61M 25/00 (2006.01)**  
[25] EN  
[54] **MEDICAL PRODUCT PACKAGE**  
[54] **EMBALLAGE DE PRODUIT**  
**MEDICAL**  
[72] KEARNS, BARBARA J., IE  
[72] FOLEY, ADAM J., IE  
[72] DOERSCHNER, DAVID L., US  
[72] GREYNOLDS, ROBERT A., US  
[72] HENRY, JEROME A., IE  
[72] RENEHAN, THOMAS, IE  
[72] MONTES DE OCA BALDERAS,  
HORACIO, IE  
[72] O'MALLEY, SHANE, IE  
[72] MCMENAMIN, MARTIN, IE  
[72] MURRAY, MICHAEL G., IE  
[72] HENEGHAN, BRENDAN J., IE  
[71] HOLLISTER INCORPORATED, US  
[85] 2015-09-09  
[86] 2013-03-14 (PCT/US2013/031480)  
[87] (WO2014/142895)

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[13] A1

[51] **Int.Cl. A61F 5/44 (2006.01) A61M**  
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[25] EN  
[54] **CATHETER ASSEMBLY WITH**  
**DEPLOYABLE COLLECTION**  
**CONTAINER**  
[54] **ENSEMBLE DE CATHETER AVEC**  
**RECIPIENT DE COLLECTE**  
**DEPLOYABLE**  
[72] HENRY, JAROME ANTHONY, IE  
[72] HENEGHAN, BRENDAN JOSEPH, IE  
[72] FOLEY, ADAM J., IE  
[71] HOLLISTER INCORPORATED, US  
[85] 2015-09-09  
[86] 2013-03-14 (PCT/US2013/031703)  
[87] (WO2014/142923)

[21] **2,904,825**  
[13] A1

[51] **Int.Cl. B01D 61/50 (2006.01)**  
[25] EN  
[54] **FLOW DISTRIBUTORS FOR**  
**ELECTROCHEMICAL**  
**SEPARATION**  
[54] **REPARTITEURS DE FLUX POUR**  
**SEPARATION**  
**ELECTROCHIMIQUE**  
[72] LIANG, LI-SHIANG, US  
[71] EVOQUA WATER TECHNOLOGIES  
LLC, US  
[85] 2015-09-09  
[86] 2013-03-15 (PCT/US2013/031895)  
[87] (WO2014/142944)

[21] **2,904,826**  
[13] A1

[51] **Int.Cl. A23F 5/00 (2006.01)**  
[25] EN  
[54] **COFFEE CHERRY FLOUR**  
**COMPOSITIONS AND METHODS**  
**FOR THEIR PREPARATION**  
[54] **COMPOSITIONS DE FARINE DE**  
**CERISES DE CAFE ET PROCEDES**  
**POUR LEUR PREPARATION**  
[72] BELLIVEAU, DANIEL ALDERIC, US  
[72] MCMARTIN, SCOTT ALLEN JAMES,  
US  
[71] EMPIRE TECHNOLOGY  
DEVELOPMENT LLC, US  
[85] 2015-09-09  
[86] 2013-12-20 (PCT/US2013/077247)  
[87] (WO2014/158267)  
[30] US (61/785,195) 2013-03-14

[21] **2,904,827**  
[13] A1

[51] **Int.Cl. A61K 45/06 (2006.01) A61K**  
**31/23 (2006.01) A61K 31/685**  
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[25] EN  
[54] **NATURAL LIPIDS CONTAINING**  
**NON-OXIDIZABLE FATTY ACIDS**  
[54] **LIPIDES NATURELS CONTENANT**  
**DES ACIDES GRAS NON**  
**OXYDABLES**  
[72] REMMEREIT, JAN, NO  
[71] LIFE SCIENCE NUTRITION AS, NO  
[85] 2015-09-09  
[86] 2014-03-10 (PCT/IB2014/001254)  
[87] (WO2014/140934)  
[30] US (61/775,834) 2013-03-11

[21] **2,904,828**  
[13] A1

[51] **Int.Cl. A23F 5/24 (2006.01)**  
[25] EN  
[54] **FOOD PRODUCTS AND**  
**CHOCOLATE COMPOSITIONS**  
**CONTAINING COFFEE CHERRY**  
**BYPRODUCTS AND METHODS**  
**OF FORMING THE SAME**  
[54] **PRODUITS ALIMENTAIRES ET**  
**COMPOSITIONS DE CHOCOLAT**  
**CONTENANT DES SOUS-**  
**PRODUITS DE FRUITS DU**  
**CAFEIER ET LEURS PROCEDES**  
**DE PREPARATION**  
[72] BELLIVEAU, DANIEL ALDERIC, US  
[71] EMPIRE TECHNOLOGY  
DEVELOPMENT LLC, US  
[85] 2015-09-09  
[86] 2013-12-20 (PCT/US2013/077295)  
[87] (WO2014/158271)  
[30] US (61/785,195) 2013-03-14

[21] **2,904,830**  
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F**  
**3/0481 (2013.01) G06F 3/0484**  
**(2013.01)**  
[25] EN  
[54] **A SYSTEM AND METHOD FOR**  
**DIALOG CUSTOMIZATION**  
[54] **SYSTEME ET PROCEDE POUR LA**  
**PERSONNALISATION D'UN**  
**DIALOGUE**  
[72] GOLDSTEIN, YUVAL, IL  
[72] MARCUS, AVI, IL  
[72] PTASHEK, SHARON, IL  
[72] GOLAN, KFIR, IL  
[72] SHMUGLIN, DANIEL, IL  
[71] WIX.COM LTD., IL  
[85] 2015-09-09  
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[87] (WO2014/141130)  
[30] US (61/781,866) 2013-03-14

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[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01)**  
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[54] **TRANSCATHETER VALVE REPLACEMENT**  
[54] **REPLACEMENT DE VALVULE TRANSCATHETER**  
[72] BOARD, STEPHANIE MARIE, US  
[72] CHALEKIAN, AARON J., US  
[72] RUSSO, PATRICK P., US  
[72] OSLUND, JOHN, US  
[71] ST. JUDE MEDICAL, CARDIOLOGY DIVISION, INC., US  
[85] 2015-09-09  
[86] 2013-12-30 (PCT/US2013/078294)  
[87] (WO2014/163705)  
[30] US (13/793,818) 2013-03-11

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[13] A1

[51] **Int.Cl. G06T 7/00 (2006.01) A61B 8/06 (2006.01) A61B 8/08 (2006.01)**  
[25] EN  
[54] **IMAGE QUALITY ASSESSMENT FOR SIMULATION ACCURACY AND PERFORMANCE**  
[54] **EVALUATION DE QUALITE D'IMAGE POUR UNE PRECISION ET DES PERFORMANCES DE SIMULATION**  
[72] FONTE, TIMOTHY A., US  
[72] GRADY, LEO J., US  
[72] WU, ZHONGLE, US  
[72] SCHAAP, MICHIEL, US  
[72] HUNLEY, STANLEY C., US  
[72] SENGUPTA, SOUMA, US  
[71] HEARTFLOW, INC., US  
[85] 2015-09-09  
[86] 2014-02-27 (PCT/US2014/019008)  
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[30] US (61/793,162) 2013-03-15  
[30] US (14/163,589) 2014-01-24

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[21] **2,904,834**  
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 30/02 (2012.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR MARKET PARTICIPANT-BASED AUTOMATED DECISIONING**  
[54] **SYSTEMES ET PROCEDES DE PRISE DE DECISIONS AUTOMATISEE BASEE SUR LES PARTICIPANTS D'UN MARCHÉ**  
[72] GRANT, ROBERT E., US  
[72] MORDAUNT, DAVID H., US  
[72] MONS, JENNIFER, US  
[71] STRATHSPEY CROWN LLC, US  
[85] 2015-09-09  
[86] 2014-02-27 (PCT/US2014/019131)  
[87] (WO2014/163944)  
[30] US (61/778,183) 2013-03-12  
[30] US (61/782,975) 2013-03-14  
[30] US (61/785,176) 2013-03-14

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[21] **2,904,835**  
[13] A1

[51] **Int.Cl. B65D 85/804 (2006.01) A47J 31/10 (2006.01) A47J 31/44 (2006.01) B65B 29/02 (2006.01)**  
[25] EN  
[54] **STRETCHABLE BEVERAGE CARTRIDGES AND METHODS**  
[54] **CARTOUCHES ETIRABLES POUR BOISSON ET PROCEDES**  
[72] KOLLER, IZAAK, US  
[72] JURIS, AMANDA, US  
[72] IRELAND, KATHLEEN L., US  
[72] FLEMING, JEFFREY, US  
[72] SADEGHI, FARID, US  
[72] MANOUX, PHILIPPE ROGET, US  
[72] MACK, ADAM MCKEEL, US  
[72] DAMMERMANN, KURT PHILIP, US  
[72] CRARER, ALAN SCOTT, US  
[71] STARBUCKS CORPORATION D/B/A STARBUCKS COFFEE COMPANY, US  
[85] 2015-09-09  
[86] 2014-02-27 (PCT/US2014/019135)  
[87] (WO2014/158656)  
[30] US (61/786,072) 2013-03-14

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[21] **2,904,837**  
[13] A1

[51] **Int.Cl. A61H 1/00 (2006.01)**  
[25] EN  
[54] **DEVICE FOR RELIEVING OR PREVENTING LOWER BACK PAIN**  
[54] **DISPOSITIF DE SOULAGEMENT OU DE PREVENTION DE DOULEURS LOMBAIRES**  
[72] LIRAN, RAZ, IL  
[72] ERAN, AVITAL, IL  
[71] BACKLIFE LTD., IL  
[85] 2015-09-09  
[86] 2014-03-11 (PCT/IL2014/050247)  
[87] (WO2014/141248)  
[30] US (61/775,919) 2013-03-11

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[21] **2,904,838**  
[13] A1

[51] **Int.Cl. A61K 31/121 (2006.01) A61K 31/198 (2006.01) A61K 31/277 (2006.01) A61P 25/16 (2006.01)**  
[25] EN  
[54] **METHOD FOR TREATMENT OF PARKINSON'S DISEASE**  
[54] **PROCEDE POUR LE TRAITEMENT DE LA MALADIE DE PARKINSON**  
[72] YACOBY-ZEEVI, ORON, IL  
[71] NEURODERM LTD., IL  
[85] 2015-09-09  
[86] 2014-03-13 (PCT/IL2014/050261)  
[87] (WO2014/141261)  
[30] US (61/779,357) 2013-03-13

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[21] **2,904,839**  
[13] A1

[51] **Int.Cl. C10G 1/04 (2006.01) C10G 1/08 (2006.01)**  
[25] EN  
[54] **METHOD FOR EXTRACTING OIL FROM A POWDER**  
[54] **PROCEDE D'EXTRACTION D'HUILE A PARTIR D'UNE POUDRE**  
[72] LANDON, ROBERT S., US  
[72] VANEK, CHARLES M., US  
[71] DOW GLOBAL TECHNOLOGIES LLC, US  
[85] 2015-09-09  
[86] 2014-02-28 (PCT/US2014/019185)  
[87] (WO2014/149515)  
[30] US (61/802,831) 2013-03-18

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<p>[51] <b>Int.Cl. A61L 27/16 (2006.01) A61L 27/18 (2006.01) A61L 27/48 (2006.01) A61L 27/50 (2006.01) A61L 27/56 (2006.01) A61L 27/58 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>RANDOMLY UNIFORM THREE DIMENSIONAL TISSUE SCAFFOLD OF ABSORBABLE AND NON-ABSORBABLE MATERIALS</b></p> <p>[54] <b>ECHAFAUDAGE DE TISSU TRIDIMENSIONNEL ALEATOIREMENT UNIFORME DE MATERIAUX RESORBABLES ET NON RESORBABLES</b></p> <p>[72] LANDGREBE, SUSANNE, DE</p> <p>[72] SMITH, DANIEL, US</p> <p>[72] DICK, OLIVER, DE</p> <p>[71] ETHICON, INC., US</p> <p>[85] 2015-09-09</p> <p>[86] 2014-02-28 (PCT/US2014/019195)</p> <p>[87] (WO2014/158666)</p> <p>[30] US (13/803,335) 2013-03-14</p>	<p>[51] <b>Int.Cl. A61B 17/16 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>BONE CUTTING DEVICE</b></p> <p>[54] <b>DISPOSITIF DE COUPE D'OS</b></p> <p>[72] KOAY, KENNY, US</p> <p>[72] MCMILLAN, ROD, US</p> <p>[72] HAAG, RENE, US</p> <p>[71] DEPUY SYNTHES PRODUCTS, INC., US</p> <p>[85] 2015-09-09</p> <p>[86] 2014-02-28 (PCT/US2014/019261)</p> <p>[87] (WO2014/158683)</p> <p>[30] US (61/778,931) 2013-03-13</p>	<p>[51] <b>Int.Cl. C07K 16/22 (2006.01) A61K 39/395 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>ENGINEERED ANTI-TGF-BETA ANTIBODIES AND ANTIGEN-BINDING FRAGMENTS</b></p> <p>[54] <b>ANTICORPS ANTI-TGF-BETA SYNTHETIQUES ET FRAGMENTS DE LIAISON A UN ANTIGENE</b></p> <p>[72] WEI, RONNIE, US</p> <p>[72] MOULIN, AARON, US</p> <p>[72] MATHIEU, MAGALI, US</p> <p>[72] PAN, CLARK, US</p> <p>[72] PARK, SUNGHAEE, US</p> <p>[72] QIU, HUAWEI, US</p> <p>[71] GENZYME CORPORATION, US</p> <p>[85] 2015-09-09</p> <p>[86] 2014-03-11 (PCT/US2014/023274)</p> <p>[87] (WO2014/164709)</p> <p>[30] US (61/776,430) 2013-03-11</p>
[21] <b>2,904,842</b> [13] A1	[21] <b>2,904,846</b> [13] A1	[21] <b>2,904,848</b> [13] A1
<p>[51] <b>Int.Cl. A61L 27/16 (2006.01) A61L 27/18 (2006.01) A61L 27/48 (2006.01) A61L 27/50 (2006.01) A61L 27/56 (2006.01) A61L 27/58 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>RANDOMLY UNIFORM THREE DIMENSIONAL TISSUE SCAFFOLD OF ABSORBABLE AND NON-ABSORBABLE MATERIALS</b></p> <p>[54] <b>ECHAFAUDAGE TISSULAIRE TRIDIMENSIONNEL UNIFORME ALEATOIRE DE MATERIAUX RESORBABLES ET NON RESORBABLES</b></p> <p>[72] LANDGREBE, SUSANNE, DE</p> <p>[72] SMITH, DANIEL, US</p> <p>[72] DICK, OLIVER, DE</p> <p>[71] ETHICON, INC., US</p> <p>[85] 2015-09-09</p> <p>[86] 2014-02-28 (PCT/US2014/019197)</p> <p>[87] (WO2014/143562)</p> <p>[30] US (13/803,119) 2013-03-14</p>	<p>[51] <b>Int.Cl. C23C 4/02 (2006.01) C04B 41/89 (2006.01) C23C 4/10 (2006.01) C23C 28/04 (2006.01) C23C 30/00 (2006.01) F01D 5/28 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>ENVIRONMENTAL BARRIER COATING-BASED THERMAL BARRIER COATINGS FOR CERAMIC MATRIX COMPOSITES</b></p> <p>[54] <b>REVETEMENTS DE BARRIERE THERMIQUE A BASE DE REVETEMENT DE BARRIERE ENVIRONNEMENTALE POUR COMPOSITES A MATRICE CERAMIQUE</b></p> <p>[72] LEE, KANG N., US</p> <p>[72] LANE, JAY, US</p> <p>[71] ROLLS-ROYCE CORPORATION, US</p> <p>[85] 2015-09-09</p> <p>[86] 2014-02-28 (PCT/US2014/019370)</p> <p>[87] (WO2014/143568)</p> <p>[30] US (61/776,353) 2013-03-11</p>	<p>[51] <b>Int.Cl. G06Q 10/06 (2012.01) G06Q 30/02 (2012.01)</b></p> <p>[25] EN</p> <p>[54] <b>SYSTEMS AND METHODS FOR MARKET ANALYSIS AND AUTOMATED BUSINESS DECISIONING</b></p> <p>[54] <b>SYSTEMES ET PROCEDES POUR ANALYSE DE MARCHES ET PRISES AUTOMATIQUES DE DECISIONS DE GESTION</b></p> <p>[72] GRANT, ROBERT E., US</p> <p>[72] MORDAUNT, DAVID H., US</p> <p>[72] MONS, JENNIFER, US</p> <p>[71] STRATHSPEY CROWN LLC, US</p> <p>[85] 2015-09-09</p> <p>[86] 2014-02-27 (PCT/US2014/019144)</p> <p>[87] (WO2014/163945)</p> <p>[30] US (61/778,183) 2013-03-12</p> <p>[30] US (61/782,975) 2013-03-14</p> <p>[30] US (61/785,176) 2013-03-14</p>

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[51] <b>Int.Cl. A61F 7/02 (2006.01)</b> [25] EN [54] <b>PATIENT WARMING AND DVT PREVENTION SYSTEM</b> [54] <b>SYSTEME DE RECHAUFFEMENT DE PATIENT ET DE PREVENTION DE THROMBOSE VEINEUSE PROFONDE</b> [72] VARGA, CHRISTOPHER, US [72] MCMAHON, MICHAEL, US [72] DILLINGHAM, THOMAS, US [72] CHAN, JAMES, US [72] SCHMALTZ, TODD, US [72] RAJENDRAN, KARTHIKEYAN, US [71] CAREFUSION 2200, INC., US [85] 2015-09-09 [86] 2014-02-18 (PCT/US2014/016934) [87] (WO2014/158461) [30] US (13/801,334) 2013-03-13	[51] <b>Int.Cl. A61J 1/14 (2006.01) A61J 1/20 (2006.01)</b> [25] EN [54] <b>VIAL ADAPTER FOR SIDE ENGAGEMENT OF VIAL CAP</b> [54] <b>ADAPTEUR DE FLACON POUR MISE EN PRISE LATERALE DE CAPUCHON DE FLACON</b> [72] MANSOUR, GEORGE MICHEL, US [72] PANIAN, TYLER DEVIN, US [71] CAREFUSION 303, INC., US [85] 2015-09-09 [86] 2014-02-28 (PCT/US2014/019632) [87] (WO2014/158725) [30] US (13/829,268) 2013-03-14	[51] <b>Int.Cl. A61M 5/20 (2006.01) A61B 17/00 (2006.01) A61M 5/178 (2006.01) A61M 5/28 (2006.01) A61M 39/26 (2006.01) B65B 3/00 (2006.01)</b> [25] EN [54] <b>AUTOMATIC THREE-WAY DIVERTER VALVE</b> [54] <b>VANNE AUTOMATIQUE DE DERIVATION TROIS VOIES</b> [72] GOODMAN, JOHN, US [71] ETHICON, INC., US [85] 2015-09-09 [86] 2014-03-04 (PCT/US2014/020083) [87] (WO2014/158773) [30] US (13/826,567) 2013-03-14
[21] <b>2,904,852</b> [13] A1	[21] <b>2,904,856</b> [13] A1	[21] <b>2,904,861</b> [13] A1
[51] <b>Int.Cl. A61B 17/17 (2006.01)</b> [25] EN [54] <b>PATIENT-SPECIFIC GLENOID GUIDE WITH A REUSABLE GUIDE HOLDER</b> [54] <b>GUIDE GLENOIDE SPECIFIQUE A UN PATIENT AVEC SUPPORT DE GUIDE REUTILISABLE</b> [72] EASH, CHRISTOPHER, US [71] BIOMET MANUFACTURING, LLC, US [85] 2015-09-09 [86] 2014-03-07 (PCT/US2014/022000) [87] (WO2014/164346) [30] US (61/776,607) 2013-03-11 [30] US (13/889,869) 2013-05-08	[51] <b>Int.Cl. A24F 47/00 (2006.01)</b> [25] EN [54] <b>ELECTRONIC SMOKING ARTICLE</b> [54] <b>ARTICLE A FUMER ELECTRONIQUE</b> [72] TUCKER, CHRISTOPHER S., US [71] ALTRIA CLIENT SERVICES LLC, US [85] 2015-09-09 [86] 2014-03-10 (PCT/US2014/022330) [87] (WO2014/150131) [30] US (61/798,010) 2013-03-15	[51] <b>Int.Cl. A61B 1/04 (2006.01) G01C 3/08 (2006.01) H04N 13/02 (2006.01)</b> [25] EN [54] <b>FULL-FIELD THREE DIMENSIONAL SURFACE MEASUREMENT</b> [54] <b>MESURE DE SURFACE TRIDIMENSIONNELLE PLEIN CHAMP</b> [72] ZEIEN, ROBERT, US [71] APERTURE DIAGNOSTICS LTD., US [85] 2015-09-09 [86] 2014-03-11 (PCT/US2014/023285) [87] (WO2014/168705) [30] US (13/830,477) 2013-03-14
[21] <b>2,904,853</b> [13] A1	[21] <b>2,904,857</b> [13] A1	
[51] <b>Int.Cl. C12N 5/0783 (2010.01) A61K 35/12 (2015.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01)</b> [25] EN [54] <b>ABLATIVE IMMUNOTHERAPY</b> [54] <b>IMMUNOTHERAPIE ABLATIVE</b> [72] HAR-NOY, MICHAEL, IL [71] IMMUNOVATIVE THERAPIES, LTD., IL [85] 2015-09-09 [86] 2014-03-10 (PCT/US2014/022287) [87] (WO2014/164396) [30] US (13/796,171) 2013-03-12	[51] <b>Int.Cl. G06F 17/50 (2006.01)</b> [25] EN [54] <b>PROTECTIVE PATIENT FOOTWEAR DESIGN AND MANUFACTURING SYSTEM AND METHODS</b> [54] <b>SYSTEME ET PROCEDES DE CONCEPTION ET DE FABRICATION DE CHAUSSURES DE PROTECTION POUR PATIENT</b> [72] HANFT, JASON R., US [71] HANFT, JASON R., US [85] 2015-09-09 [86] 2014-03-10 (PCT/US2014/022393) [87] (WO2014/159179) [30] US (13/804,268) 2013-03-14	

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[21] **2,904,862**  
[13] A1

[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/12 (2006.01)**

[25] EN

[54] **IMPLANTS, METHODS OF MANUFACTURING THE SAME, AND DEVICES AND METHODS FOR DELIVERING THE IMPLANTS TO A VASCULAR DISORDER OF A PATIENT**

[54] **IMPLANTS, LEURS METHODES DE FABRICATION, ET DISPOSITIFS ET METHODES D'ADMINISTRATION DES IMPLANTS POUR REPENDRE A UN TROUBLE VASCULAIRE D'UN PATIENT**

[72] MIRIGIAN, GREGORY EDWIN, US  
[72] LE, BE THI, US  
[72] BOLOS, BRENDON JAMES, US  
[72] YEE, BERCHELL JOHN, US  
[72] AGUILAR, AMIEL RICHARD, US  
[72] VELASCO, REGINA COELI, US  
[72] LWIN, CRYSTAL KAY SEIN, US  
[72] HO, LIEM, US  
[71] INCUMEDX INC., US  
[85] 2015-09-09  
[86] 2014-03-04 (PCT/US2014/020157)  
[87] (WO2014/158790)  
[30] US (61/782,940) 2013-03-14  
[30] US (61/869,265) 2013-08-23

[21] **2,904,863**  
[13] A1

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

[25] EN

[54] **METHODS FOR AMPLIFYING FRAGMENTED TARGET NUCLEIC ACIDS UTILIZING AN ASSEMBLER SEQUENCE**

[54] **PROCEDE D'AMPLIFICATION D'ACIDES NUCLEIQUES CIBLES FRAGMENTES A L'AIDE D'UNE SEQUENCE D'ASSEMBLEMENT**

[72] ARNOLD, LYLE J., US  
[72] NELSON, NORMAN C., US  
[71] ARNOLD, LYLE J., US  
[71] NELSON, NORMAN C., US  
[85] 2015-09-08  
[86] 2014-03-15 (PCT/US2014/029893)  
[87] (WO2014/145176)  
[30] US (61/798,984) 2013-03-15

[21] **2,904,864**  
[13] A1

[51] **Int.Cl. H04W 8/00 (2009.01) G08B 21/02 (2006.01)**

[25] EN

[54] **SYSTEM, METHOD, AND APPARATUS FOR DETECTING WIRELESS DEVICES**

[54] **SYSTEME, PROCEDE ET APPAREIL POUR DETECTER DES DISPOSITIFS SANS FIL**

[72] DEFANT, JOHN C., US  
[72] SEGAL, DAVID S., US  
[72] CHAPIN, STEVEN D., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2015-09-09  
[86] 2014-03-04 (PCT/US2014/020261)  
[87] (WO2014/164058)  
[30] US (13/792,727) 2013-03-11

[21] **2,904,866**  
[13] A1

[51] **Int.Cl. H01Q 7/00 (2006.01) H01Q 15/14 (2006.01) H01Q 19/18 (2006.01) H01Q 21/06 (2006.01)**

[25] EN

[54] **WIDE ANGLE PLANAR ANTENNA ASSEMBLY**

[54] **ENSEMBLE ANTENNE PLATE A GRAND ANGLE**

[72] RANKIN, STAN, US  
[72] JUDD, BROCK, US  
[72] EDWARDS, MARK, US  
[71] WAL-MART STORES, INC., US  
[85] 2015-09-09  
[86] 2014-03-04 (PCT/US2014/020285)  
[87] (WO2014/149681)  
[30] US (61/799,322) 2013-03-15  
[30] US (13/904,962) 2013-05-29

[21] **2,904,867**  
[13] A1

[51] **Int.Cl. C02F 1/50 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **AQUATIC ENVIRONMENT ADDITIVE DOSING APPARATUSES AND SYSTEMS, AND METHODS AND SOFTWARE THEREFOR**

[54] **APPAREILS ET SYSTEMES DE DOSAGE D'ADDITIF POUR ENVIRONNEMENT AQUATIQUE, ET PROCEDES ET LOGICIELS ASSOCIES**

[72] CLARK, JAMES, E., US  
[71] STEP AHEAD INNOVATIONS, INC., US  
[85] 2015-09-08  
[86] 2014-03-15 (PCT/US2014/030077)  
[87] (WO2014/145337)  
[30] US (61/798,315) 2013-03-15

[21] **2,904,868**  
[13] A1

[51] **Int.Cl. A41B 13/06 (2006.01) A47D 13/00 (2006.01) A47D 15/00 (2006.01)**

[25] EN

[54] **NECK, SPINE, AND SPINAL CORD SUPPORT DEVICE FOR NEWBORN BABY AND INFANT, AND BLANKET ASSEMBLY FOR SAME**

[54] **DISPOSITIF DE SUPPORT DE COU, DE COLONNE VERTEBRALE ET DE MOELLE EPINIÈRE POUR NOUVEAU-NE ET NOURRISSON, ET ENSEMBLE COUVERTURE POUR CELUI-CI**

[72] PAPERNO, STEVEN, US  
[71] PAPERNO, STEVEN, US  
[85] 2015-09-09  
[86] 2014-03-04 (PCT/US2014/020338)  
[87] (WO2014/164071)  
[30] US (13/793,579) 2013-03-11

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[21] **2,904,869**  
[13] A1

[51] **Int.Cl. C08K 5/00 (2006.01) H01B 3/44 (2006.01)**  
[25] EN  
[54] **EPOXIDIZED-FATTY-ACID-ALKYL-ESTER PLASTICIZERS FROM NATURAL-OIL SOAP STOCK AND METHODS FOR MAKING SUCH EPOXIDIZED-FATTY-ACID-ALKYL-ESTER PLASTICIZERS**  
[54] **PLASTIFIANTS D'ESTER D'ALKYLE D'ACIDE GRAS EPOXYDE PROVENANT DE STOCK DE SAVON D'HUILE NATURELLE ET PROCEDES DE FABRICATION DE CES PLASTIFIANTS D'ESTER D'ALKYLE D'ACIDE GRAS EPOXYDE**  
[72] GHOSH-DASTIDAR, ABHIJIT, US  
[72] MUNDRA, MANISH, US  
[72] MAURER, BRIAN R., US  
[72] ZHANG, XIAODONG, US  
[71] DOW GLOBAL TECHNOLOGIES LLC, US  
[85] 2015-09-09  
[86] 2014-03-05 (PCT/US2014/020556)  
[87] (WO2014/149723)  
[30] US (61/787,795) 2013-03-15

[21] **2,904,870**  
[13] A1

[51] **Int.Cl. C07K 7/06 (2006.01) A61K 31/496 (2006.01) A61K 38/08 (2006.01) A61K 38/10 (2006.01) A61P 43/00 (2006.01) C07K 7/08 (2006.01)**  
[25] EN  
[54] **INHIBITION OF PULMONARY FIBROSIS WITH NUTLIN-3A AND PEPTIDES**  
[54] **INHIBITION DE LA FIBROSE PULMONAIRE PAR LA NUTLIN-3A ET DES PEPTIDES**  
[72] SHETTY, SREERAMA, US  
[72] IDELL, STEVEN, US  
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US  
[85] 2015-09-08  
[86] 2014-03-17 (PCT/US2014/030147)  
[87] (WO2014/145389)  
[30] US (61/800,117) 2013-03-15

[21] **2,904,871**  
[13] A1

[51] **Int.Cl. F16L 41/06 (2006.01)**  
[25] EN  
[54] **TAPPING SLEEVE TIGHTENING ASSEMBLY**  
[54] **ENSEMBLE DE SERRAGE DE MANCHON D'OBTURATION**  
[72] MINICH, RAYMOND C., US  
[72] PIONTEK, DARYL M., US  
[71] TOTAL PIPING SOLUTIONS, INC., US  
[85] 2015-09-09  
[86] 2014-03-05 (PCT/US2014/020608)  
[87] (WO2014/158867)  
[30] US (13/828,873) 2013-03-14

[21] **2,904,872**  
[13] A1

[51] **Int.Cl. B62D 11/18 (2006.01) B60G 3/02 (2006.01) B62D 55/14 (2006.01)**  
[25] EN  
[54] **TRACKED ALL-TERRAIN VEHICLE**  
[54] **VEHICULE TOUT TERRAIN A CHENILLES**  
[72] BENNETT, JEFFREY D., US  
[72] MALONE, AMBER P., US  
[71] POLARIS INDUSTRIES INC., US  
[85] 2015-09-08  
[86] 2014-03-25 (PCT/US2014/031765)  
[87] (WO2014/160728)  
[30] US (61/805,113) 2013-03-25

[21] **2,904,873**  
[13] A1

[51] **Int.Cl. B60T 11/21 (2006.01) B60T 7/04 (2006.01) G05G 5/24 (2006.01)**  
[25] EN  
[54] **PARKING BRAKE SYSTEM FOR A LAP BAR CONTROLLED ZERO TURN RADIUS MOWER**  
[54] **SYSTEME DE FREIN DE STATIONNEMENT POUR UNE TONDEUSE A RAYON DE VIRAGE NUL COMMANDEE PAR DES BARRES DE SECURITE INDIVIDUELLE**  
[72] BORSHOV, ALEX, US  
[72] WOODRUM, ADAM, US  
[71] MTD PRODUCTS INC, US  
[85] 2015-09-09  
[86] 2014-03-05 (PCT/US2014/020643)  
[87] (WO2014/149737)  
[30] US (61/787,276) 2013-03-15

[21] **2,904,874**  
[13] A1

[51] **Int.Cl. B60N 2/46 (2006.01) B60N 3/00 (2006.01) B64D 11/06 (2006.01)**  
[25] EN  
[54] **PASSENGER SEAT WITH DROP-DOWN ARMREST ASSEMBLY**  
[54] **SIEGE PASSAGER AYANT UN ENSEMBLE ACCOUDOIR ABAISSABLE**  
[72] SUHRE, RYAN J., US  
[72] PEURIFOY, MARK W., US  
[71] B/E AEROSPACE, INC., US  
[85] 2015-09-08  
[86] 2014-03-31 (PCT/US2014/032359)  
[87] (WO2014/165435)  
[30] US (61/808,293) 2013-04-04

[21] **2,904,875**  
[13] A1

[51] **Int.Cl. B64D 11/06 (2006.01)**  
[25] EN  
[54] **AIRCRAFT SEAT WITH TRANSLATING SEATBACK LINKAGE PIVOT**  
[54] **SIEGE D'AERONEF AYANT UN PIVOT DE LIAISON DE DOSSIER MOBILE EN TRANSLATION**  
[72] BEROOTH, MICHAEL, US  
[72] DE LA GARZA, JAVIER VALDES, US  
[72] UDRISTE, DANIEL, US  
[71] B/E AEROSPACE, INC., US  
[85] 2015-09-08  
[86] 2014-04-08 (PCT/US2014/033274)  
[87] (WO2014/168916)  
[30] US (61/809,572) 2013-04-08

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[21] **2,904,877**  
[13] A1

[51] **Int.Cl. G01L 5/00 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MEASURING AND REMOVING ROTATIONAL VARIABILITY FROM A NIP PRESSURE PROFILE OF A COVERED ROLL OF A NIP PRESS**  
[54] **PROCEDE ET APPAREIL POUR MESURER ET ELIMINER LA VARIABILITE DE ROTATION D'UN PROFIL DE PRESSION DE CONTACT D'UN ROULEAU COUVERT D'UNE PRESSE A VIS**  
[72] FIGIEL, KERRY D., US  
[71] INTERNATIONAL PAPER COMPANY, US  
[85] 2015-09-09  
[86] 2014-02-13 (PCT/US2014/016228)  
[87] (WO2014/163775)  
[30] US (13/792,859) 2013-03-11

[21] **2,904,880**  
[13] A1

[51] **Int.Cl. B65D 5/54 (2006.01) B65D 17/00 (2006.01) B65D 17/28 (2006.01)**  
[25] EN  
[54] **CONTAINER WITH SECURE AUDIBLE CLOSURE**  
[54] **CONTENANT DOTE D'UNE FERMETURE AUDIBLE SURE**  
[72] NAMETH, TRACY L., US  
[72] BURKE, BRADLEY J., US  
[72] WERTS, RONALD R., III, US  
[72] BROCK, TRACY, US  
[72] RUHBUSCH, TODD, US  
[71] KRAFT FOODS GROUP BRANDS LLC, US  
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US  
[85] 2015-09-09  
[86] 2014-03-06 (PCT/US2014/021042)  
[87] (WO2014/158945)  
[30] US (61/785,378) 2013-03-14

[21] **2,904,882**  
[13] A1

[51] **Int.Cl. H02H 11/00 (2006.01) H02J 7/00 (2006.01)**  
[25] EN  
[54] **REVERSE BATTERY PROTECTION FOR BATTERY-POWERED DEVICES**  
[54] **POLARISATION DE DISPOSITIFS ALIMENTES PAR BATTERIE**  
[72] GOFMAN, IGOR, US  
[71] BAYER HEALTHCARE LLC, US  
[85] 2015-09-09  
[86] 2014-03-06 (PCT/US2014/021146)  
[87] (WO2014/158967)  
[30] US (13/796,890) 2013-03-12

[21] **2,904,884**  
[13] A1

[51] **Int.Cl. F01N 9/00 (2006.01) F01N 3/023 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR DETERMINING THE QUANTITY OF A COMBUSTION PRODUCT IN A VEHICLE EXHAUST**  
[54] **SYSTEMES ET PROCEDES DE DETERMINATION D'UNE QUANTITE D'UN PRODUIT DE COMBUSTION DANS LES GAZ D'ECHAPPEMENT D'UN VEHICULE**  
[72] GERTY, MICHAEL, US  
[71] PACCAR INC, US  
[85] 2015-09-09  
[86] 2014-03-06 (PCT/US2014/021392)  
[87] (WO2014/149893)  
[30] US (13/835,610) 2013-03-15

[21] **2,904,885**  
[13] A1

[51] **Int.Cl. A47C 15/00 (2006.01)**  
[25] EN  
[54] **ANCHORING SYSTEM FOR SEAT BACK**  
[54] **SYSTEME D'ANCRAGE POUR UN DOSSIER DE SIEGE**  
[72] OLARTE, ALVARO MAURICIO, US  
[71] SERIES INTERNATIONAL, LLC, US  
[85] 2015-09-09  
[86] 2014-03-07 (PCT/US2014/021502)  
[87] (WO2014/164246)  
[30] US (13/792,970) 2013-03-11

[21] **2,904,886**  
[13] A1

[51] **Int.Cl. B65D 75/58 (2006.01) B65D 33/18 (2006.01) B65D 33/20 (2006.01)**  
[25] EN  
[54] **MONO-WEB RESEALABLE PACKAGE WITH TAMPER-EVIDENT TEAR STRIP**  
[54] **EMBALLAGE REFERMABLE A VOILE UNIQUE MUNI D'UNE BANDE DECHIRABLE INVOLABLE**  
[72] HUFFER, SCOTT WILLIAM, US  
[71] SONOCO DEVELOPMENT, INC., US  
[85] 2015-09-09  
[86] 2014-03-07 (PCT/US2014/021551)  
[87] (WO2014/164261)  
[30] US (13/794,022) 2013-03-11

[21] **2,904,887**  
[13] A1

[51] **Int.Cl. B22F 9/08 (2006.01) C22C 33/02 (2006.01) C22C 37/06 (2006.01)**  
[25] EN  
[54] **POWDER METAL COMPOSITIONS FOR WEAR AND TEMPERATURE RESISTANCE APPLICATIONS AND METHOD OF PRODUCING SAME**  
[54] **COMPOSITIONS DE METAL EN POUDDRE POUR DES APPLICATIONS DE RESISTANCE A L'USURE ET A LA TEMPERATURE ET LEUR PROCEDE DE PRODUCTION**  
[72] BEAULIEU, PHILIPPE, CA  
[72] CHRISTOPHERSON, DENIS B., JR., US  
[72] FARTHING, LESLIE JOHN, GB  
[72] SCHOENWETTER, TODD, US  
[71] FEDERAL-MOGUL CORPORATION, US  
[85] 2015-09-09  
[86] 2014-03-07 (PCT/US2014/021569)  
[87] (WO2014/149932)  
[30] US (13/837,549) 2013-03-15

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[21] **2,904,888**  
[13] A1

[51] **Int.Cl. C02F 1/28 (2006.01) C02F 1/58 (2006.01)**  
[25] EN  
[54] **REMOVAL OF ORGANIC COMPOUNDS AND CHLORAMINE FROM AQUEOUS SOLUTIONS**  
[54] **ELIMINATION DE COMPOSES ORGANIQUES ET DE CHLORAMINE DANS DES SOLUTIONS AQUEUSES**  
[72] STOUFFER, MARK R., US  
[72] PEMBERTON, ERIC C., US  
[72] SIEDLE, ALLEN R., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2015-09-09  
[86] 2014-03-07 (PCT/US2014/021670)  
[87] (WO2014/164275)  
[30] US (61/777,017) 2013-03-12

[21] **2,904,889**  
[13] A1

[51] **Int.Cl. C09D 5/00 (2006.01)**  
[25] EN  
[54] **PHENOLIC ADMIX FOR ELECTRODEPOSITABLE COATING COMPOSITION CONTAINING A CYCLIC GUANIDINE**  
[54] **MELANGE PHENOLIQUE POUR UNE COMPOSITION DE REVETEMENT POUVANT ETRE ELECTRO-DEPOSEE CONTENANT UNE GUANIDINE CYCLIQUE**  
[72] VAN BUSKIRK, ELLOR JAMES, US  
[72] WILSON, CRAIG A., US  
[72] STONE, DAVID, US  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 2015-09-09  
[86] 2014-03-07 (PCT/US2014/021831)  
[87] (WO2014/150009)  
[30] US (13/839,648) 2013-03-15

[21] **2,904,890**  
[13] A1

[51] **Int.Cl. A61F 5/37 (2006.01) A61F 5/40 (2006.01) A61F 7/02 (2006.01) A61F 7/08 (2006.01) A61H 23/04 (2006.01)**  
[25] EN  
[54] **COMPRESSIVE PATIENT WARMING DEVICE**  
[54] **DISPOSITIF DE COMPRESSION CHAUFFANT POUR PATIENT**  
[72] VARGA, CHRISTOPHER, US  
[72] MCMAHON, MICHAEL, US  
[72] DILLINGHAM, THOMAS, US  
[72] CHAN, JAMES, US  
[71] CAREFUSION 2200, INC., US  
[85] 2015-09-09  
[86] 2014-02-18 (PCT/US2014/016916)  
[87] (WO2014/163803)  
[30] US (13/801,270) 2013-03-13

[21] **2,904,891**  
[13] A1

[51] **Int.Cl. A61M 39/26 (2006.01) A61M 39/24 (2006.01)**  
[25] EN  
[54] **NEEDLELESS CONNECTOR WITH FLEXIBLE VALVE**  
[54] **RACCORD SANS AIGUILLE AYANT UNE VANNE SOUPLE**  
[72] ZOLLINGER, CHRISTOPHER J., US  
[72] YEH, JONATHAN, US  
[72] MANSOUR, GEORGE MICHEL, US  
[72] QUACH, MATTHEW, US  
[71] CAREFUSION 303, INC., US  
[85] 2015-09-09  
[86] 2014-02-21 (PCT/US2014/017826)  
[87] (WO2014/143529)  
[30] US (13/829,227) 2013-03-14

[21] **2,904,892**  
[13] A1

[51] **Int.Cl. B65G 17/34 (2006.01) B65G 47/244 (2006.01)**  
[25] EN  
[54] **ORIENTING APPARATUS AND METHOD**  
[54] **APPAREIL ET PROCEDE D'ORIENTATION**  
[72] WILLIAMS, ROGER PHILLIP, US  
[72] BOURGEOIS, MARC RICHARD, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2015-09-09  
[86] 2014-02-25 (PCT/US2014/018288)  
[87] (WO2014/158567)  
[30] US (13/850,364) 2013-03-26

[21] **2,904,893**  
[13] A1

[51] **Int.Cl. A61F 9/009 (2006.01) A61F 9/008 (2006.01) B23K 26/04 (2014.01)**  
[25] EN  
[54] **FREE FLOATING PATIENT INTERFACE FOR LASER SURGERY SYSTEM**  
[54] **INTERFACE PATIENT A FLOTTEMENT LIBRE POUR SYSTEME DE CHIRURGIE LASER**  
[72] GOODING, PHILLIP, US  
[71] OPTIMEDICA CORPORATION, US  
[85] 2015-09-09  
[86] 2014-02-26 (PCT/US2014/018693)  
[87] (WO2014/163897)  
[30] US (61/780,881) 2013-03-13

[21] **2,904,894**  
[13] A1

[51] **Int.Cl. A61F 9/008 (2006.01) A61B 3/10 (2006.01)**  
[25] EN  
[54] **LASER EYE SURGERY SYSTEM**  
[54] **SYSTEME DE CHIRURGIE LASER OCULAIRE**  
[72] SCHUELE, GEORG, US  
[72] GOODING, PHILLIP, US  
[71] OPTIMEDICA CORPORATION, US  
[85] 2015-09-09  
[86] 2014-02-26 (PCT/US2014/018752)  
[87] (WO2014/158615)  
[30] US (61/780,736) 2013-03-13

[21] **2,904,895**  
[13] A1

[51] **Int.Cl. A61L 31/10 (2006.01) A61B 17/06 (2006.01) C09D 183/04 (2006.01)**  
[25] EN  
[54] **METHOD OF COATING SURGICAL NEEDLES**  
[54] **PROCEDE DE REVETEMENT D'AIGUILLES CHIRURGICALES**  
[72] CICHOCKI, FRANK R., JR., US  
[72] OU, DUAN LI, US  
[72] BLASIC, BRIAN, US  
[71] ETHICON, INC., US  
[85] 2015-09-09  
[86] 2014-02-27 (PCT/US2014/018949)  
[87] (WO2014/163928)  
[30] US (13/800,181) 2013-03-13

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[21] **2,904,896**  
[13] A1

[51] **Int.Cl. A61B 6/00 (2006.01) A61B 18/00 (2006.01) A61M 25/10 (2013.01) A61M 29/00 (2006.01) A61N 5/00 (2006.01)**

[25] EN

[54] **RADIATION DIAGNOSTIC AND TREATMENT DEVICES AND METHODS**

[54] **PROCEDES ET DISPOSITIFS DE TRAITEMENT ET DIAGNOSTIC RADIOLOGIQUE**

[72] D'ANDREA, MARK A., US

[71] D'ANDREA, MARK A., US

[85] 2015-09-09

[86] 2014-03-07 (PCT/US2014/021932)

[87] (WO2014/164330)

[30] US (13/793,184) 2013-03-11

[21] **2,904,897**  
[13] A1

[51] **Int.Cl. A61F 2/00 (2006.01)**

[25] EN

[54] **MEDICAL DEVICE AND METHOD FOR INJECTING A FLUID**

[54] **DISPOSITIF MEDICAL ET METHODE D'INJECTION D'UN FLUIDE**

[72] CHU, MICHAEL S. H., US

[71] BOSTON SCIENTIFIC SCIMED, INC., US

[85] 2015-09-09

[86] 2014-03-10 (PCT/US2014/022509)

[87] (WO2014/164471)

[30] US (61/776,428) 2013-03-11

[30] US (14/199,655) 2014-03-06

[21] **2,904,898**  
[13] A1

[51] **Int.Cl. A61K 31/19 (2006.01) A23L 1/03 (2006.01) A61K 31/201 (2006.01) A61K 31/202 (2006.01)**

[25] EN

[54] **LIPID COMPOSITIONS CONTAINING BIOACTIVE FATTY ACIDS**

[54] **COMPOSITIONS LIPIDIQUES CONTENANT DES ACIDES GRAS BIOACTIFS**

[72] REMMEREIT, JAN, NO

[72] BERGER, ALVIN, US

[71] REMMEREIT, JAN, NO

[71] BERGER, ALVIN, US

[85] 2015-09-09

[86] 2014-03-10 (PCT/US2014/022553)

[87] (WO2014/143614)

[30] US (61/775,836) 2013-03-11

[21] **2,904,899**  
[13] A1

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

[25] EN

[54] **ENRICHMENT AND NEXT GENERATION SEQUENCING OF TOTAL NUCLEIC ACID COMPRISING BOTH GENOMIC DNA AND CDNA**

[54] **ENRICHISSEMENT ET SEQUENCAGE DE PROCHAINE GENERATION D'ACIDE NUCLEIQUE TOTAL COMPRENANT A LA FOIS DE L'ADN GENOMIQUE ET DE L'ADNC**

[72] ZHANG, YILIN, US

[71] ELIM BIOPHARMACEUTICALS, INC., US

[85] 2015-09-09

[86] 2014-03-10 (PCT/US2014/022566)

[87] (WO2014/164486)

[30] US (61/776,666) 2013-03-11

[21] **2,904,929**  
[13] A1

[51] **Int.Cl. C02F 1/68 (2006.01) C02F 1/28 (2006.01) C02F 1/58 (2006.01)**

[25] EN

[54] **REMOVAL OF CHLORAMINE AND MERCURY FROM AQUEOUS SOLUTIONS**

[54] **ELIMINATION DE CHLORAMINE ET DE MERCURE DE SOLUTIONS AQUEUSES**

[72] STOUFFER, MARK R., US

[72] DOYLE, MEREDITH M., US

[72] MORENO, ANGELA M., US

[72] PEMBERTON, ERIC C., US

[72] SIEDLE, ALLEN R., US

[71] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2015-09-09

[86] 2014-03-03 (PCT/US2014/019904)

[87] (WO2014/164013)

[30] US (61/777,013) 2013-03-12

[21] **2,904,930**  
[13] A1

[51] **Int.Cl. B65G 45/02 (2006.01)**

[25] EN

[54] **LUBRICATION OF TRANSFER PLATES USING AN OIL OR OIL IN WATER EMULSIONS**

[54] **LUBRIFICATION DE PLAQUES DE TRANSFERT UTILISANT UNE HUILE OU DES EMULSIONS D'HUILE DANS L'EAU**

[72] MORRISON, ERIC D., US

[72] THOMPSON, CHAD A., US

[71] ECOLAB USA INC., US

[85] 2015-09-09

[86] 2014-03-10 (PCT/US2014/022504)

[87] (WO2014/164468)

[30] US (61/776,049) 2013-03-11

[21] **2,904,931**  
[13] A1

[51] **Int.Cl. A61N 1/00 (2006.01)**

[25] EN

[54] **BRAIN-CONTROLLED BODY MOVEMENT ASSISTANCE DEVICES AND METHODS**

[54] **DISPOSITIFS ET PROCEDES D'AIDE AUX MOUVEMENTS CORPORELS COMMANDES PAR LE CERVEAU**

[72] LEUTHARDT, ERIC C., US

[72] LOVE, LONNIE J., US

[72] KOKER, ROB, US

[72] MORAN, DANIEL W., US

[71] NEUROOLUTIONS, INC., US

[85] 2015-09-09

[86] 2014-03-10 (PCT/US2014/022548)

[87] (WO2014/150199)

[30] US (13/842,749) 2013-03-15

[21] **2,904,932**  
[13] A1

[51] **Int.Cl. A01K 61/00 (2006.01)**

[25] FR

[54] **OFFSHORE AQUACULTURE INSTALLATION**

[54] **INSTALLATION D'AQUACULTURE DE HAUTE MER**

[72] MENARD, SERGE, FR

[71] MENARD, SERGE, FR

[85] 2015-04-16

[86] 2013-10-17 (PCT/EP2013/003129)

[87] (WO2014/060107)

[30] FR (1202781) 2012-10-17

[30] FR (1202802) 2012-10-18

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[21] **2,904,941**  
[13] A1

[51] **Int.Cl. E04F 15/02 (2006.01)**  
[25] EN  
[54] **FLOORBOARDS PROVIDED WITH A MECHANICAL LOCKING SYSTEM AND A METHOD TO PRODUCE SUCH A LOCKING SYSTEM**  
[54] **PLAQUES DE PLANCHER COMPRENANT UN SYSTEME DE VERROUILLAGE MECANIQUE ET PROCEDE POUR PRODUIRE UN TEL SYSTEME DE VERROUILLAGE**  
[72] BOO, CHRISTIAN, SE  
[71] VALINGE INNOVATION AB, SE  
[85] 2015-09-09  
[86] 2014-03-25 (PCT/SE2014/050360)  
[87] (WO2014/182215)  
[30] SE (1350377-6) 2013-03-25

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[21] **2,904,943**  
[13] A1

[51] **Int.Cl. A61M 39/10 (2006.01) A61M 5/178 (2006.01)**  
[25] EN  
[54] **CONNECTOR ASSEMBLY FOR SYRINGE SYSTEM**  
[54] **ENSEMBLE RACCORD DESTINE A UN SYSTEME DE SERINGUE**  
[72] WLODARCZYK, JAROSLAW, US  
[72] LISCIO, EDWARD P., US  
[72] UBER, ARTHUR E., III, US  
[72] COWAN, KEVIN P., US  
[71] BAYER MEDICAL CARE INC., US  
[85] 2015-09-09  
[86] 2014-03-10 (PCT/US2014/022629)  
[87] (WO2014/150225)  
[30] US (13/835,522) 2013-03-15

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[21] **2,904,946**  
[13] A1

[51] **Int.Cl. C07C 2/28 (2006.01) C08F 10/14 (2006.01) C10G 50/02 (2006.01)**  
[25] EN  
[54] **PROCESSES FOR PREPARING LOW VISCOSITY LUBRICANTS**  
[54] **PROCEDES POUR LA PREPARATION DE LUBRIFIANTS DE FAIBLE VISCOSITE**  
[72] YANG, HU, US  
[72] HOPE, KENNETH, US  
[72] GEE, JEFFERY, US  
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US  
[85] 2015-09-09  
[86] 2014-03-10 (PCT/US2014/022636)  
[87] (WO2014/164506)  
[30] US (13/798,253) 2013-03-13

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[21] **2,904,948**  
[13] A1

[51] **Int.Cl. A61K 8/97 (2006.01) A61P 17/00 (2006.01)**  
[25] EN  
[54] **COSMETIC COMPOSITIONS**  
[54] **COMPOSITIONS COSMETIQUES**  
[72] FLORENCE, TIFFANY, US  
[71] MARY KAY INC., US  
[85] 2015-09-09  
[86] 2014-03-10 (PCT/US2014/022641)  
[87] (WO2014/159238)  
[30] US (61/784,564) 2013-03-14  
[30] US (61/816,286) 2013-04-26

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[21] **2,904,951**  
[13] A1

[51] **Int.Cl. F01D 25/24 (2006.01) F01D 9/04 (2006.01) F01D 11/00 (2006.01)**  
[25] FR  
[54] **TURBINE RING FOR A TURBOMACHINE**  
[54] **ANNEAU DE TURBINE POUR TURBOMACHINE**  
[72] JAUREGUIBERRY, CAROLE, FR  
[72] SILVA, MANUEL, FR  
[71] TURBOMECA, FR  
[85] 2015-09-09  
[86] 2014-03-13 (PCT/FR2014/050579)  
[87] (WO2014/140493)  
[30] FR (1352257) 2013-03-14

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[21] **2,904,953**  
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**  
[25] EN  
[54] **ELECTRONIC CIGARETTE**  
[54] **CIGARETTE ELECTRONIQUE**  
[72] KANE, DAVID B., US  
[71] ALTRIA CLIENT SERVICES LLC, US  
[85] 2015-09-09  
[86] 2014-03-10 (PCT/US2014/022648)  
[87] (WO2014/150229)  
[30] US (61/799,499) 2013-03-15

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[21] **2,904,955**  
[13] A1

[51] **Int.Cl. B32B 17/10 (2006.01) F21K 99/00 (2010.01) B60J 1/00 (2006.01) B60J 1/18 (2006.01) F21V 33/00 (2006.01) G02B 6/00 (2006.01)**  
[25] FR  
[54] **GLAZING COMPRISING A TRANSPARENT SCREEN**  
[54] **VITRAGE COMPRENANT UN ECRAN TRANSPARENT**  
[72] ODULINSKI, ANDRZEJ, PL  
[72] D'AUDIFFRET, STEPHANE, FR  
[71] SAINT-GOBAIN GLASS FRANCE, FR  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/FR2014/050599)  
[87] (WO2014/140502)  
[30] FR (1352313) 2013-03-15

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[21] **2,904,956**  
[13] A1

[51] **Int.Cl. C22B 3/38 (2006.01) C22B 60/02 (2006.01)**

[25] FR

[54] **USE OF COMPOUNDS COMPRISING AMIDE AND PHOSPHONATE FUNCTIONS FOR EXTRACTING URANIUM(VI) FROM AQUEOUS SOLUTIONS OF SULPHURIC ACID, RESULTING IN PARTICULAR FROM SULPHURIC ACID LEACHING OF URANIUM-COMPRISING ORES**

[54] **UTILISATION DE COMPOSES A FONCTIONS AMIDE ET PHOSPHONATE POUR EXTRAIRE L'URANIUM(VI) DE SOLUTIONS AQUEUSES D'ACIDE SULFURIQUE, ISSUES NOTAMMENT DE LA LIXIVIATION SULFURIQUE DE MINERAIS URANIFERES**

[72] BARON, PASCAL, FR  
[72] BERNIER, GILLES, FR  
[72] HARTMANN, DIDIER, FR  
[72] LALUC, CLAIRE, FR  
[72] MARBET, MANON, FR  
[71] AREVA MINES, FR  
[85] 2015-09-09  
[86] 2014-03-07 (PCT/EP2014/054418)  
[87] (WO2014/139869)  
[30] FR (13 52160) 2013-03-11

[21] **2,904,959**  
[13] A1

[51] **Int.Cl. H04N 21/238 (2011.01) H04N 21/6437 (2011.01) G06F 13/00 (2006.01)**

[25] EN

[54] **COMMUNICATION DEVICES, COMMUNICATION DATA GENERATION METHOD, AND COMMUNICATION DATA PROCESSING METHOD**

[54] **APPAREIL DE COMMUNICATION, METHODE DE PRODUCTION DE DONNEES DE COMMUNICATION, ET METHODE DE TRAITEMENT DE DONNEES DE COMMUNICATION**

[72] YAMAGISHI, YASUAKI, JP  
[71] SONY CORPORATION, JP  
[85] 2015-09-09  
[86] 2014-12-01 (PCT/JP2014/081713)  
[87] (WO2015/107784)  
[30] JP (2014-006879) 2014-01-17

[21] **2,904,963**  
[13] A1

[51] **Int.Cl. C25B 3/04 (2006.01) C25B 9/00 (2006.01)**

[25] EN

[54] **METHODS FOR THE ELECTROLYTIC DECARBOXYLATION OF SUGARS**

[54] **PROCEDES DE DECARBOXYLATION ELECTROLYTIQUE DE SUCRES**

[72] STAPLEY, JONATHAN A., US  
[72] GENDERS, DAVID J., US  
[71] DYNAMIC FOOD INGREDIENTS CORPORATION, US  
[85] 2015-09-09  
[86] 2014-03-10 (PCT/US2014/022689)  
[87] (WO2014/164523)  
[30] US (61/777,890) 2013-03-12

[21] **2,904,964**  
[13] A1

[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/4523 (2006.01) A61P 3/06 (2006.01) A61P 9/10 (2006.01)**

[25] EN

[54] **NOVEL OXAZOLIDINONE DERIVATIVE AS CETP INHIBITOR, ITS PREPARATION METHOD, AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME**

[54] **NOUVEAU DERIVE D'OXAZOLIDINONE COMME INHIBITEUR DE CETP, SON PROCEDE DE PREPARATION, ET COMPOSITION PHARMACEUTIQUE LE COMPRENANT**

[72] PARK, JANG HYUN, KR  
[72] SONG, SEUNG HYUN, KR  
[72] CHUNG, HAN KOOK, KR  
[72] KIM, HEUNG JAE, KR  
[72] LEE, JI HYE, KR  
[72] JANG, BYEONG JUN, KR  
[72] KIM, EUN JUNG, KR  
[72] JUNG, HAE HUM, KR  
[72] RYU, CHAE LIM, KR  
[72] HWANG, JAE-SUNG, KR  
[72] LEE, HYUNG KI, KR  
[72] KANG, KYUNG KOO, KR  
[72] KIM, SOON HOE, KR  
[71] DONG-A ST CO., LTD., KR  
[85] 2015-09-09  
[86] 2014-03-28 (PCT/KR2014/002677)  
[87] (WO2014/157994)  
[30] KR (10-2013-0034713) 2013-03-29  
[30] KR (10-2014-0036344) 2014-03-27

[21] **2,904,965**  
[13] A1

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

[25] FR

[54] **BIOLOGICAL ASSAY OF PEPTIDOGLYCANS**

[54] **DOSAGE BIOLOGIQUE DES PEPTIDOGLYCANES**

[72] LANOS, PIERRE, FR  
[72] BIGUET, MARC, FR  
[72] BERNARD, ROSELYNE, FR  
[72] ALLAIN, FABRICE, FR  
[72] CARPENTIER, MATHIEU, FR  
[72] DENYS, AGNES, FR  
[72] HACINE-GHERBI, HELA, FR  
[71] ROQUETTE FRERES, FR  
[85] 2015-09-09  
[86] 2014-03-25 (PCT/EP2014/055888)  
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[30] FR (1352732) 2013-03-26  
[30] FR (1357197) 2013-07-22

[21] **2,904,966**  
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**

[25] EN

[54] **ELECTRONIC SMOKING ARTICLE**

[54] **ARTICLE ELECTRONIQUE POUR FUMEUR**

[72] KANE, DAVID B., US  
[72] SCHIFF, DAVID R., US  
[72] CARRICK, CHRIS, US  
[72] PHELAN, CHRIS, US  
[72] TUCKER, CHRISTOPHER S., US  
[71] ALTRIA CLIENT SERVICES LLC, US  
[85] 2015-09-09  
[86] 2014-03-11 (PCT/US2014/023663)  
[87] (WO2014/150573)  
[30] US (61/798,891) 2013-03-15

[21] **2,904,968**  
[13] A1

[51] **Int.Cl. A61K 36/185 (2006.01) A61K 9/68 (2006.01) A61K 31/05 (2006.01) A61K 31/352 (2006.01) A61P 25/00 (2006.01) C07D 311/80 (2006.01)**

[25] EN

[54] **BIOACTIVE CONCENTRATES AND USES THEREOF**

[54] **CONCENTRES BIOACTIFS ET LEURS UTILISATIONS**

[72] WURZER, JOSHUA H., US  
[71] SC LABORATORIES, INC., US  
[85] 2015-09-09  
[86] 2014-03-12 (PCT/US2014/024754)  
[87] (WO2014/159688)  
[30] US (61/781,491) 2013-03-14  
[30] US (61/781,479) 2013-03-14

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[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/48 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01) G01N 33/566 (2006.01)**

[25] EN

[54] **ANTIGEN BINDING CONSTRUCTS TO CD8**

[54] **CONSTRUCTIONS GENETIQUES DE LIAISON A L'ANTIGENE CD8**

[72] HO, DAVID T., US

[72] OLAFSEN, TOVE, US

[72] AGAHI, GITI, US

[72] BEHRENBRUCH, CHRISTIAN P., US

[71] IMAGINAB, INC., US

[85] 2015-09-09

[86] 2014-03-10 (PCT/US2014/022782)

[87] (WO2014/164553)

[30] US (61/780,286) 2013-03-13

[21] **2,904,970**  
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR INDUCING APOPTOSIS**

[54] **COMPOSITIONS ET PROCEDES D'INDUCTION DE L'APOPTOSE**

[72] KOPECEK, JINDRICH HENRY, US

[72] YANG, JIYUAN, US

[72] CHU, TE-WEI, US

[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US

[85] 2015-09-09

[86] 2014-03-11 (PCT/US2014/023784)

[87] (WO2014/164913)

[30] US (61/776,999) 2013-03-12

[21] **2,904,972**  
[13] A1

[51] **Int.Cl. C07C 41/02 (2006.01) C07C 29/10 (2006.01) C07C 213/02 (2006.01) C07D 301/10 (2006.01)**

[25] EN

[54] **METHOD FOR THE PRODUCTION OF ETHYLENE OXIDE**

[54] **PROCEDE DE PRODUCTION D'OXYDE D'ETHYLENE**

[72] ZHANG, LIPING, US

[72] MCADON, MARK H., US

[72] FRANK, ERNEST R., US

[71] DOW TECHNOLOGY INVESTMENTS LLC, US

[85] 2015-09-09

[86] 2014-03-12 (PCT/US2014/023925)

[87] (WO2014/150669)

[30] US (61/794,646) 2013-03-15

[21] **2,904,973**  
[13] A1

[51] **Int.Cl. G01N 33/574 (2006.01)**

[25] EN

[54] **RATIO BASED BIOMARKERS AND METHODS OF USE THEREOF**

[54] **BIOMARQUEURS BASES SUR LE RAPPORT ET LEUR PROCEDES D'UTILISATION**

[72] HEWITT, STEPHEN M., US

[72] CHUNG, JOON-YONG, US

[72] GUHA, UDAYAN, US

[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US

[85] 2015-09-09

[86] 2014-03-12 (PCT/US2014/024936)

[87] (WO2014/151079)

[30] US (13/841,176) 2013-03-15

[21] **2,904,976**  
[13] A1

[51] **Int.Cl. A61B 17/03 (2006.01) A61B 17/12 (2006.01)**

[25] EN

[54] **TISSUE AND VASCULAR CLOSURE DEVICES AND METHODS OF USE THEREOF**

[54] **DISPOSITIFS D'OBTURATIONS TISSULAIRE ET VASCULAIRE ET PROCEDES D'UTILISATION ASSOCIES**

[72] ZHANG, JI, CA

[72] WALSH, BRANDON G., US

[71] CARDIOVANTAGE MEDICAL, INC., US

[85] 2015-09-09

[86] 2014-03-12 (PCT/US2014/025003)

[87] (WO2014/159754)

[30] US (61/785,970) 2013-03-14

[21] **2,904,978**  
[13] A1

[51] **Int.Cl. C07K 19/00 (2006.01) A61K 38/22 (2006.01) A61P 5/28 (2006.01) A61P 35/00 (2006.01) C07K 14/495 (2006.01) C07K 14/575 (2006.01) C12N 15/16 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01) C12P 21/02 (2006.01)**

[25] EN

[54] **MODIFIED MULLERIAN INHIBITING SUBSTANCE (MIS) PROTEINS AND USES THEREOF FOR THE TREATMENT OF DISEASES**

[54] **PROTEINES DE SUBSTANCE D'INHIBITION MULLERIENNE (MIS) MODIFIEES ET LEURS UTILISATIONS POUR LE TRAITEMENT DE MALADIES**

[72] DONAHOE, PATRICIA K., US

[72] VAVVAS, DEMETRIOS, US

[72] PEPIN, DAVID, US

[72] HOANG, MIEN VAN, US

[71] THE GENERAL HOSPITAL CORPORATION, US

[71] MASSACHUSETTS EYE AND EAR INFIRMARY, US

[85] 2015-09-09

[86] 2014-03-12 (PCT/US2014/024010)

[87] (WO2014/164981)

[30] US (61/777,135) 2013-03-12

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[13] A1

[51] **Int.Cl. H04W 16/24 (2009.01) H04W 56/00 (2009.01) H04W 72/04 (2009.01) H04W 74/04 (2009.01) H04B 7/04 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR EXPLOITING INTER-CELL MULTIPLEXING GAIN IN WIRELESS CELLULAR SYSTEMS VIA DISTRIBUTED INPUT DISTRIBUTED OUTPUT TECHNOLOGY**

[54] **SYSTEMES ET PROCEDES D'EXPLOITATION DE GAIN DE MULTIPLEXAGE INTER-CELLULAIRE DANS DES SYSTEMES CELLULAIRES SANS FIL PAR L'INTERMEDIAIRE UNE TECHNOLOGIE D'ENTREE DISTRIBUEE-SORTIEDISTRIBUEE**

[72] FORENZA, ANTONIO, US  
[72] PERLMAN, STEPHEN G., US  
[71] REARDEN, LLC, US  
[85] 2015-09-09  
[86] 2014-03-12 (PCT/US2014/025102)  
[87] (WO2014/165289)  
[30] US (13/797,971) 2013-03-12

[21] **2,904,980**  
[13] A1

[51] **Int.Cl. A61K 31/40 (2006.01) A61K 31/155 (2006.01) A61K 31/4985 (2006.01) A61K 31/505 (2006.01) A61K 31/64 (2006.01) A61K 38/26 (2006.01) A61K 38/28 (2006.01) A61P 3/00 (2006.01)**

[25] EN

[54] **SYNERGISTIC COMPOSITIONS**

[54] **COMPOSITIONS SYNERGIQUES**

[72] JAIN, MUKUL R., IN  
[72] GIRI, SURESH, IN  
[72] KOTHARI, HIMANSHU M., IN  
[72] BANERJEE, KAUSHIK, IN  
[72] KACHHIYA, RASHMIKANT, IN  
[71] CADILA HEALTHCARE LIMITED, IN  
[85] 2015-09-09  
[86] 2014-07-04 (PCT/IN2014/000445)  
[87] (WO2015/001573)  
[30] IN (2276/MUM/2013) 2013-07-05

[21] **2,904,981**  
[13] A1

[51] **Int.Cl. H04W 24/02 (2009.01) H04W 74/04 (2009.01) H04B 7/04 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR RADIO FREQUENCY CALIBRATION EXPLOITING CHANNEL RECIPROCITY IN DISTRIBUTED INPUT DISTRIBUTED OUTPUT WIRELESS COMMUNICATIONS**

[54] **SYSTEMES ET PROCEDES POUR UN ETALONNAGE RADIOFREQUENCE EN EXPLOITANT UNE RECIPROCITE DE CANAL DANS DES COMMUNICATIONS SANS FIL A ENTREE DISTRIBUEE SORTIE DISTRIBUEE**

[72] FORENZA, ANTONIO, US  
[72] SAIBI, FADI, US  
[72] PITMAN, TIMOTHY A., US  
[72] PERLMAN, STEPHEN G., US  
[71] REARDEN, LLC, US  
[85] 2015-09-09  
[86] 2014-03-12 (PCT/US2014/025105)  
[87] (WO2014/151150)  
[30] US (13/844,355) 2013-03-15

[21] **2,904,982**  
[13] A1

[51] **Int.Cl. C08K 3/34 (2006.01) C08K 5/098 (2006.01) F16L 9/12 (2006.01)**

[25] EN

[54] **HEAVY METAL FREE HALOGENATED POLYMER COMPOUNDS**

[54] **COMPOSES POLYMERES HALOGENES EXEMPTS DE METAL LOURD**

[72] NIE, LI, US  
[71] LUBRIZOL ADVANCED MATERIALS, INC., US  
[85] 2015-09-09  
[86] 2014-03-12 (PCT/US2014/024106)  
[87] (WO2014/150743)  
[30] US (61/789,659) 2013-03-15

[21] **2,904,983**  
[13] A1

[51] **Int.Cl. A61F 13/511 (2006.01) A61F 13/514 (2006.01)**

[25] EN

[54] **ABSORBENT ARTICLES WITH NONWOVEN SUBSTRATES HAVING FIBRILS**

[54] **ARTICLES ABSORBANTS COMPORTANT DES SUBSTRATS NON TISSES AYANT DES FIBRILLES**

[72] CHENG, CALVIN HOI WUNG, US  
[72] ISELE, OLAF ERIK ALEXANDER, US  
[72] UDENGAARD, BRIAN, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2015-09-09  
[86] 2014-03-11 (PCT/US2014/022905)  
[87] (WO2014/150303)  
[30] US (13/833,311) 2013-03-15

[21] **2,904,985**  
[13] A1

[51] **Int.Cl. C07D 231/12 (2006.01) A61K 31/415 (2006.01) A61P 3/00 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) A61P 9/04 (2006.01) A61P 9/10 (2006.01) A61P 11/00 (2006.01) A61P 13/12 (2006.01) A61P 25/00 (2006.01) A61P 27/02 (2006.01) A61P 27/12 (2006.01) A61P 43/00 (2006.01)**

[25] EN

[54] **PYRAZOLE-AMIDE COMPOUND AND MEDICINAL USES THEREFOR**

[54] **COMPOSE DE PYRAZOLE-AMIDE ET UTILISATIONS MEDICINALES S'Y RAPPORANT**

[72] MOTOMURA, TAKAHISA, JP  
[72] SHOMI, GAKUJUN, JP  
[71] JAPAN TOBACCO INC., JP  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/JP2014/056825)  
[87] (WO2014/142290)  
[30] US (61/791,164) 2013-03-15  
[30] JP (2013-053195) 2013-03-15  
[30] JP (2013-127318) 2013-06-18

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[13] A1

[51] **Int.Cl. C04B 35/626 (2006.01) B32B 18/00 (2006.01) C04B 35/632 (2006.01) C04B 35/634 (2006.01) C04B 35/638 (2006.01) C04B 35/80 (2006.01)**

[25] EN

[54] **SLURRIES FOR COMPOSITE MATERIALS**

[54] **BOUILLIES POUR DES MATIERES COMPOSITES**

[72] MATSUMOTO, ROGER LEE KEN, US

[71] GENERAL ELECTRIC COMPANY, US

[85] 2015-09-10

[86] 2013-06-12 (PCT/US2013/045389)

[87] (WO2014/143117)

[30] US (61/788,751) 2013-03-15

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[21] **2,904,987**  
[13] A1

[51] **Int.Cl. A61B 17/04 (2006.01)**

[25] EN

[54] **SOFT TISSUE FIXATION SYSTEM**

[54] **SYSTEME DE FIXATION DE TISSUS MOUS**

[72] BURKI, PATRICK, CH

[72] BOUDUBAN, NICOLAS, CH

[72] SCHMIDLI, DIETER, CH

[71] DEPUY SYNTHES PRODUCTS, INC., US

[85] 2015-09-09

[86] 2014-03-12 (PCT/US2014/024196)

[87] (WO2014/165036)

[30] US (61/780,077) 2013-03-13

[30] US (13/800,868) 2013-03-13

[30] US (61/786,736) 2013-03-15

[30] US (13/832,201) 2013-03-15

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[21] **2,904,988**  
[13] A1

[51] **Int.Cl. C12N 15/09 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) C12N 5/10 (2006.01)**

[25] EN

[54] **METHOD FOR INCREASING PHOTOSYNTHESIS AND YIELD OF PLANTS**

[54] **PROCEDE POUR ACCROITRE UNE PHOTOSYNTHESE ET UN RENDEMENT DE PLANTES**

[72] KINOSHITA, TOSHINORI, JP

[72] WANG, YIN, JP

[72] INOUE, SHIN-ICHIRO, JP

[72] ONO, NATSUKO, JP

[71] NATIONAL UNIVERSITY CORPORATION NAGOYA UNIVERSITY, JP

[85] 2015-09-09

[86] 2014-03-11 (PCT/JP2014/057021)

[87] (WO2014/142334)

[30] US (61/777,655) 2013-03-12

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[21] **2,904,989**  
[13] A1

[51] **Int.Cl. C12N 5/00 (2006.01) C12N 5/074 (2010.01) C12N 5/02 (2006.01)**

[25] EN

[54] **METHODS OF COMBINING MESENCHYMAL STEM CELLS AND CARTILAGE CONTAINING ALLOGRAFTS, AND PRODUCTS OF COMBINED MESENCHYMAL STEM CELLS AND CARTILAGE CONTAINING ALLOGRAFTS**

[54] **PROCEDES DE COMBINAISON DE CELLULES SOUCHES MESENCHYMATEUSES ET D'ALLOGREFFES CARTILAGINEUSES, ET PRODUITS OBTENUS APRES COMBINAISON DESDITES CELLULES SOUCHES MESENCHYMATEUSES ETALLOGREFFES CARTILAGINEUSES**

[72] BOGDANSKY, SIMON, US

[72] SHI, YALING, US

[72] ATKINSON, BRENT, US

[71] ALLOSOURCE, US

[85] 2015-09-10

[86] 2013-10-07 (PCT/US2013/063674)

[87] (WO2015/053739)

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[21] **2,904,990**  
[13] A1

[51] **Int.Cl. C04B 26/04 (2006.01) B32B 13/14 (2006.01) C04B 26/06 (2006.01) C04B 26/08 (2006.01)**

[25] EN

[54] **CEMENTITIOUS ARTICLE COMPRISING HYDROPHOBIC FINISH**

[54] **ARTICLE CIMENTAIRE COMPRENANT UN FINI HYDROPHOBE**

[72] DUBEY, ASHISH, US

[72] PENG, YANFEI, US

[71] UNITED STATES GYPSUM COMPANY, US

[85] 2015-09-09

[86] 2014-03-12 (PCT/US2014/024207)

[87] (WO2014/150781)

[30] US (13/834,556) 2013-03-15

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[21] **2,904,992**  
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) A61P 37/06 (2006.01) C07K 14/00 (2006.01) C07K 16/28 (2006.01)**

[25] EN

[54] **PROTEINS SPECIFIC FOR BAFF AND B7RP1 AND USES THEREOF**

[54] **PROTEINES SPECIFIQUES DE BAFF ET B7RP1 ET LEURS UTILISATIONS**

[72] HSU, HAILING, US

[72] ZHANG, MING, US

[72] KANNAN, GUNASEKARAN, US

[72] JACOBSEN, FREDERICK W., US

[72] TSUJI, WAYNE, US

[71] AMGEN INC., US

[85] 2015-09-09

[86] 2014-03-12 (PCT/US2014/024908)

[87] (WO2014/159725)

[30] US (61/780,260) 2013-03-13

[30] US (61/942,776) 2014-02-21

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[21] **2,904,993**  
[13] A1

[51] **Int.Cl. C07C 51/02 (2006.01)**  
[25] EN  
[54] **THERMAL SALT-SPLITTING OF (ALKYL)AMMONIUM 3-HYDROXYPROPIONATE**  
[54] **DISSOCIATION THERMIQUE DES SELS DE 3-HYDROXYPROPIONATE D'(ALKYL)AMMONIUM**  
[72] BOGAN, LEONARD E., JR., US  
[71] DOW GLOBAL TECHNOLOGIES LLC, US  
[85] 2015-09-09  
[86] 2014-03-13 (PCT/US2014/025319)  
[87] (WO2014/151266)  
[30] US (61/788,707) 2013-03-15

[21] **2,904,994**  
[13] A1

[51] **Int.Cl. B28B 19/00 (2006.01)**  
[25] EN  
[54] **METHOD OF PREPARING MAT-FACED ARTICLE**  
[54] **PROCEDE DE PREPARATION D'UN ARTICLE REVETU DE MAT**  
[72] DUBEY, ASHISH, US  
[72] PENG, YANFEI, US  
[72] BLACKBURN, DAVID R., US  
[71] UNITED STATES GYPSUM COMPANY, US  
[85] 2015-09-09  
[86] 2014-03-12 (PCT/US2014/024234)  
[87] (WO2014/150788)  
[30] US (13/837,041) 2013-03-15

[21] **2,904,995**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 38/16 (2006.01) A61K 39/12 (2006.01) A61K 39/155 (2006.01) A61K 45/06 (2006.01) C07K 14/00 (2006.01) C07K 14/765 (2006.01) C07K 16/00 (2006.01) C07K 16/08 (2006.01) C07K 16/10 (2006.01) C07K 19/00 (2006.01) C12N 15/09 (2006.01) G01N 33/53 (2006.01) G01N 33/566 (2006.01) G01N 33/569 (2006.01)**  
[25] EN  
[54] **HUMAN ANTIBODIES TO RESPIRATORY SYNCYTIAL VIRUS F PROTEIN AND METHODS OF USE THEREOF**  
[54] **ANTICORPS HUMAINS DE LA PROTEINE F DU VIRUS RESPIRATOIRE SYNCYTIAL ET SES PROCEDES D'UTILISATION**

[72] GURNETT-BANDER, ANNE, US  
[72] PEREZ-CABALLERO, DAVID, US  
[72] SIVAPALASINGAM, SUMATHI, US  
[72] DUAN, XUNBAO, US  
[72] MACDONALD, DOUGLAS, US  
[71] REGENERON PHARMACEUTICALS, INC., US  
[85] 2015-09-09  
[86] 2014-03-13 (PCT/US2014/025259)  
[87] (WO2014/159822)  
[30] US (61/782,215) 2013-03-14  
[30] US (61/911,093) 2013-12-03

[21] **2,904,997**  
[13] A1

[51] **Int.Cl. A61M 15/00 (2006.01) A61M 15/06 (2006.01)**  
[25] EN  
[54] **INHALER SPACER AND STORAGE APPARATUS**  
[54] **APPAREIL DE STOCKAGE ET D'ESPACEMENT D'INHALATEUR**  
[72] CIANCONE, CHRIS V., US  
[72] MURPHY, JACKSON W., US  
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[71] REGAL BELOIT AMERICA, INC., US  
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[72] YAMAMOTO, YUDAI, JP  
[72] KUROBE, JUN, JP  
[71] NISSHIN STEEL CO., LTD., JP  
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[54] **SERINGUE A COMPARTIMENTS MUTLIPLIS**  
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[72] RHINEHART, EDWARD J., US  
[72] MCCOPPING, ANTHONY S., US  
[72] TUCKER, BARRY L., US  
[71] BAYER MEDICAL CARE INC., US  
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[54] **APPAREIL, SYSTEME ET PROCEDE DE JEU ELECTRONIQUE**  
[72] LIND, JEFFERSON C., US  
[72] ENZMINGER, JOSEPH R., US  
[72] STEIN, JEREMY F., US  
[72] ROSE, GLEN M., US  
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[54] **SYSTEMS AND METHODS FOR ADMINISTERING SPINAL CORD STIMULATION BASED ON TEMPORAL PATTERNS OF ELECTRICAL STIMULATION**  
[54] **SYSTEMES ET PROCEDES POUR ADMINISTRER UNE STIMULATION DE MOELLE EPINIERE SUR LA BASE DE MODELES TEMPORELS DE STIMULATION ELECTRIQUE**  
[72] GRILL, WARREN M., US  
[72] ZHANG, TIANHE, US  
[71] DUKE UNIVERSITY, US  
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[54] **NOUVEAU CATALYSEUR D'ETHYNYLATION ET PROCEDE DE FABRICATION ASSOCIE**  
[72] MADON, ROSTAM, US  
[72] NAGEL, PETER, US  
[72] HEDRICK, SCOTT, US  
[72] THAKUR, DEEPAK, US  
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[72] STAGE, MATTHEW RICHARD, US  
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[54] **SYSTEME DE REGROUPEMENT, DE GESTION ET DE PRESENTATION DE CONTENU ET DE SERVICES**  
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[72] HAIDAR, JAAFER, CA  
[71] SYNACOR, INC., US  
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[72] CHENG, SHIH YU THOMAS, US  
[72] JOHNSON, JASON, US  
[72] KIM, CHRISTOPHER, US  
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[54] **ANTICORPS HUMAINS QUI SE LIENT AU TNF-ALPHA ET LEURS PROCEDES DE PREPARATION**  
[72] CHUMSAE, CHRIS M., US  
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[72] TANTRY, JAIDEV SRINIVAS, US  
[72] PATRICK, LAURA MARIE, US  
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[54] **7-AZABICYCLES SUBSTITUES ET LEUR UTILISATION EN TANT QUE MODULATEURS DU RECEPTEUR DE L'OREXINE**  
[72] COATE, HEATHER R., US  
[72] DVORAK, CURT A., US  
[72] FITZGERALD, ANNE E., US  
[72] LEBOLD, TERRY P., US  
[72] PREVILLE, CATHY, US  
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[54] **SYSTEM AND METHODS FOR DETECTION OF INTERNAL SHORTS IN BATTERIES**  
[54] **SYSTEME ET PROCEDES DE DETECTION DE COURTS-CIRCUITS INTERNES DANS DES BATTERIES**  
[72] MCCOY, CHRISTOPHER H., US  
[71] TIAX LLC, US  
[85] 2015-09-09  
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[13] A1

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[25] EN  
[54] **METHOD AND APPARATUS FOR MAKING AMORPHOUS METAL TRANSFORMER CORES**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE FABRIQUER DES CŒURS DE TRANSFORMATEUR EN METAL AMORPHE**  
[72] LOOBY, KEVIN, US  
[71] LAKEVIEW METALS, INC., US  
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[72] ISELE, OLAF ERIK ALEXANDER, US  
[72] UDENGAARD, BRIAN, DK  
[71] THE PROCTER & GAMBLE COMPANY, US  
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[54] **IMPROVED INSULATING CONCRETE FORM (ICF) SYSTEM WITH TIE MEMBER MODULARITY**  
[54] **SYSTEME DE COFFRAGE DE BETON ISOLANT (ICF) AMELIORE AVEC ELEMENT D'ATTACHE MODULAIRE**  
[72] PFEIFFER, HENRY E., US  
[71] ICF MFORM LLC, US  
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[54] **DERIVES DU MANNOSE POUR LE TRAITEMENT D'INFECTIONS BACTERIENNES**

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[72] POISSON, CARL, CA  
[72] GALLANT, MICHEL, CA  
[72] LESSARD, STEPHANIE, CA  
[72] LIU, BINGCAN, CA  
[72] DAS, SANJOY KUMAR, CA  
[72] RAMTOHUL, YEEMAN, CA  
[72] REDDY, THUMKUNTA JAGADEESWAR, CA  
[72] MARTEL, JULIEN, CA  
[72] VALLEE, FREDERIC, CA  
[72] LEVESQUE, JEAN-FRANCOIS, CA  
[71] VERTEX PHARMACEUTICALS INCORPORATED, US

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[54] **IMPROVED INSULATING CONCRETE FORM (ICF) SYSTEM WITH MODULAR TIE MEMBERS AND ASSOCIATED ICF TOOLING**

[54] **SYSTEME DE COFFRAGE DE BETON ISOLANT (ICF) AMELIORE DOTE D'ELEMENTS DE LIAISON MODULAIRES ET OUTILLAGE ICF ASSOCIE**

[72] PFEIFFER, HENRY E., US  
[71] ICF MFORM LLC, US

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[51] **Int.Cl. G06F 15/16 (2006.01)**

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[54] **SYSTEMS AND METHODS FOR ESTABLISHING CLOUD-BASED INSTANCES WITH INDEPENDENT PERMISSIONS**

[54] **SYSTEMES ET PROCEDES PERMETTANT D'ETABLIR DES INSTANCES A BASE DE NUAGE AVEC DES AUTORISATIONS INDEPENDANTES**

[72] VON EICKEN, THORSTEN, US  
[72] GONZALEZ, JOSE MARIA BLANQUER, US  
[72] SIMON, RAPHAEL GEORGE JACQUES, US

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[54] **METHODS FOR DIGESTION OF CELLULOSIC BIOMASS SOLIDS IN THE PRESENCE OF A PHENOLIC SOLVENT**

[54] **PROCEDES POUR LA DIGESTION DE MATIERES SOLIDES DE BIOMASSE CELLULOSIQUE EN PRESENCE D'UN SOLVANT PHENOLIQUE**

[72] POWELL, JOSEPH BROUN, US  
[72] JOHNSON, KIMBERLY ANN, US  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL

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[54] **FORMES POLYMORPHES D'ANALOGUES DE DESAZADESFERRITHIOCINE**

[72] TENJARLA, SRINI, US  
[72] MCGEE, PAUL, GB  
[71] FERROKIN BIOSCIENCES, INC., US

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[54] **METHODS AND COMPOSITIONS FOR WEED CONTROL**

[54] **PROCEDES ET COMPOSITIONS UTILISABLES POUR LUTTER CONTRE LES MAUVAISES HERBES**

[72] TAO, NENGBING, US  
[71] MONSANTO TECHNOLOGY LLC, US

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[54] **UPSTREAM PILOT STRUCTURE IN POINT TO MULTIPOINT ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING COMMUNICATION SYSTEM**  
[54] **STRUCTURE DE PILOTE AMONT DANS UN SYSTEME DE COMMUNICATION PAR MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE POINT A MULTIPOINT**  
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[72] OUYANG, TAO, US  
[72] PAN, DAO, US  
[72] SI, XIAOSHU, US  
[72] RAHMAN, SYED, US  
[71] HUAWEI TECHNOLOGIES CO., LTD., CN  
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[13] A1

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[54] **ALIGNEMENT DE TRAINÉES CHAUDES POUR DURABILITE DE TURBINE A GAZ**  
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[72] BUBNICK, JOSEPH STEVEN, US  
[72] BUSH, SCOTT MATTHEW, US  
[72] FELDMANN, KEVIN ROBERT, US  
[72] FREDERICK, ROBERT ALAN, US  
[72] HIGGINS, CRAIG WILLIAM, US  
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[54] **INJECTEUR DE DOSE AVEC SYSTEME A PIGNON**  
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[72] SWANSON, KEVIN D., US  
[72] MADSEN, PATRICK, US  
[71] ANTARES PHARMA, INC., US  
[85] 2015-09-09  
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[30] US (61/776,269) 2013-03-11

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[54] **COMPOSITION NUTRITIONNELLE ANTI-REGURGITATION**  
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[72] GONZALEZ, JUAN M., US  
[71] MJN U.S. HOLDINGS LLC, US  
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[87] (WO2014/143480)  
[30] US (13/834,784) 2013-03-15

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[13] A1

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[25] EN  
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[54] **FORMULATIONS DE CREME STABILISEES COMPRENANT DE L'ESSENCE DE SANTAL**  
[72] CLEMENTS, IAN, US  
[72] CASTELLA, PAUL, US  
[72] LEVENSON, COREY, US  
[71] VIROXIS CORPORATION, US  
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[13] A1

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[25] EN  
[54] **EXPRESSION OF BETA-GLUCOSIDASES FOR HYDROLYSIS OF LIGNOCELLULOSE AND ASSOCIATED OLIGOMERS**  
[54] **EXPRESSION DE BETA-GLUCOSIDASES POUR L'HYDROLYSE DE LA LIGNOCELLULOSE ET OLIGOMERES ASSOCIES**  
[72] MCBRIDE, JOHN, US  
[72] WISWALL, ERIN, US  
[71] LALLEMAND HUNGARY LIQUIDITY MANAGEMENT LLC, HU  
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[51] **Int.Cl. G06F 1/26 (2006.01) G06F 1/32 (2006.01)**  
[25] EN  
[54] **CONTROL SYSTEM FOR POWER CONTROL**  
[54] **SYSTEME DE COMMANDE POUR COMMANDE DE PUISSANCE**  
[72] RALLO, AARON J., CA  
[72] TIVEL, CHRISTOPHER, CA  
[71] TSO LOGIC INC., CA  
[85] 2015-09-09  
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[87] (WO2014/159989)  
[30] US (13/829,216) 2013-03-14

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[21] **2,905,039**  
[13] A1

[51] **Int.Cl. G06F 1/28 (2006.01) G06F 3/14 (2006.01)**  
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[54] **CONTROL SYSTEM FOR POWER CONTROL**  
[54] **SYSTEME DE COMMANDE POUR COMMANDE DE PUISSANCE**  
[72] RALLO, AARON J., CA  
[72] TIVEL, CHRISTOPHER, CA  
[71] TSO LOGIC INC., CA  
[85] 2015-09-09  
[86] 2014-03-13 (PCT/US2014/025554)  
[87] (WO2014/159977)  
[30] US (13/829,167) 2013-03-14

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[21] **2,905,042**  
[13] A1

[51] **Int.Cl. A61N 1/36 (2006.01)**  
[25] EN  
[54] **METHODS OF TREATING MEDICAL CONDITIONS BY POPULATION BASED ENCODING OF NEURAL INFORMATION**  
[54] **METHODES DE TRAITEMENT DE TROUBLES MEDICAUX PAR LE CODAGE BASE SUR UNE POPULATION D'INFORMATIONS NEURALES**  
[72] TYLER, DUSTIN, US  
[72] TAN, DANIEL, US  
[72] SCHIEFER, MATTHEW, US  
[71] CASE WESTERN RESERVE UNIVERSITY, US  
[85] 2015-06-11  
[86] 2013-12-16 (PCT/US2013/075329)  
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[30] US (61/737,484) 2012-12-14  
[30] US (61/774,978) 2013-03-08

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[21] **2,905,043**  
[13] A1

[51] **Int.Cl. E04H 1/12 (2006.01)**  
[25] EN  
[54] **PARTITION SYSTEMS AND METHODS OF INSTALLING THE SAME**  
[54] **SYSTEMES DE SEPARATION ET LEURS PROCEDES DE MONTAGE**  
[72] BABIKIAN, DIKRAN, US  
[71] BOBRICK WASHROOM EQUIPMENT, INC., US  
[85] 2015-09-09  
[86] 2014-03-13 (PCT/US2014/026478)  
[87] (WO2014/151807)  
[30] US (61/802,016) 2013-03-15

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[21] **2,905,044**  
[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01) H04W 4/22 (2009.01) H04W 12/08 (2009.01) H04W 76/02 (2009.01) H04W 92/22 (2009.01)**  
[25] EN  
[54] **ENABLING AD HOC TRUSTED CONNECTIONS AMONG ENCLAVED COMMUNICATION COMMUNITIES**  
[54] **PERMISSION DE CONNEXIONS AUTORISEES AD HOC PARMIS DES COMMUNAUTES DE COMMUNICATION ENCLAVEES**  
[72] MAZZARELLA, JOSEPH R., US  
[71] MUTUALINK, INC., US  
[85] 2015-09-09  
[86] 2014-03-13 (PCT/US2014/026672)  
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[30] US (13/800,727) 2013-03-13

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[21] **2,905,047**  
[13] A1

[51] **Int.Cl. A47K 11/04 (2006.01)**  
[25] EN  
[54] **PORT-A-POD-Y PORTABLE RESTROOM SYSTEM**  
[54] **SYSTEME DE TOILETTES PORTABLES**  
[72] VAN DER LINDE, PETER, US  
[71] VAN DER LINDE, PETER, US  
[85] 2015-09-09  
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[30] US (13/833,261) 2013-03-15

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[13] A1

[51] **Int.Cl. A61B 19/00 (2006.01) A61B 17/29 (2006.01) B25J 17/02 (2006.01)**  
[25] EN  
[54] **COMPACT ROBOTIC WRIST**  
[54] **POIGNET ROBOTIQUE COMPACT**  
[72] KILROY, PABLO EDUARDO GARCIA, US  
[72] MILLER, KENNETH C., US  
[72] EGAN, THOMAS D., US  
[72] LOW, THOMAS P., US  
[72] CRITTENDEN, ARTHUR MAXWELL, US  
[72] KOENIG, KAREN SHAKESPEAR, US  
[71] SRI INTERNATIONAL, US  
[85] 2015-09-09  
[86] 2014-03-13 (PCT/US2014/026721)  
[87] (WO2014/151952)  
[30] US (61/781,092) 2013-03-14  
[30] US (61/791,248) 2013-03-15

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[21] **2,905,049**  
[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01) C07K 14/30 (2006.01)**  
[25] EN  
[54] **TUNABLE CONTROL OF PROTEIN DEGRADATION IN SYNTHETIC AND ENDOGENOUS BACTERIAL SYSTEMS**  
[54] **COMMANDE PERSONNALISABLE DE DEGRADATION PROTEIQUE DANS DES SYSTEMES BACTERIENS SYNTHETIQUES ET ENDOGENES**  
[72] CAMERON, DOUGLAS EWEN, US  
[72] COLLINS, JAMES J., US  
[71] TRUSTEES OF BOSTON UNIVERSITY, US  
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[86] 2014-03-13 (PCT/US2014/025654)  
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[13] A1

[51] **Int.Cl. A63B 53/04 (2015.01) A63B 53/00 (2015.01)**  
[25] EN  
[54] **GOLF CLUB HEADS WITH OPTIMIZED CHARACTERISTICS AND RELATED METHODS**  
[54] **TETES DE CLUB DE GOLF AYANT DES CARACTERISTIQUES OPTIMISEES, ET PROCEDES ASSOCIES**  
[72] SCHWEIGERT, BRADLEY D., US  
[72] STOKKE, RYAN M., US  
[71] KARSTEN MANUFACTURING CORPORATION, US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/028134)  
[87] (WO2014/152890)  
[30] US (13/804,859) 2013-03-14  
[30] US (13/804,917) 2013-03-14  
[30] US (13/826,111) 2013-03-14

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[21] **2,905,053**  
[13] A1

[51] **Int.Cl. A63B 53/04 (2015.01)**  
[25] EN  
[54] **GOLF CLUB HEADS WITH OPTIMIZED CHARACTERISTICS AND RELATED METHODS**  
[54] **TETES DE CLUB DE GOLF AYANT DES CARACTERISTIQUES OPTIMISEES, ET PROCEDES CONNEXES**  
[72] SCHWEIGERT, BRADLEY D., US  
[72] STOKKE, RYAN M., US  
[71] KARSTEN MANUFACTURING CORPORATION, US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/028099)  
[87] (WO2014/152880)  
[30] US (13/804,859) 2013-03-14  
[30] US (13/804,917) 2013-03-14  
[30] US (13/826,111) 2013-03-14

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[21] **2,905,056**  
[13] A1

[51] **Int.Cl. A63B 53/04 (2015.01)**  
[25] EN  
[54] **GOLF CLUB HEADS WITH OPTIMIZED CHARACTERISTICS AND RELATED METHODS**  
[54] **TETES DE CLUB DE GOLF A CARACTERISTIQUES OPTIMISEES ET PROCEDES ASSOCIES**  
[72] SCHWEIGERT, BRADLEY D., US  
[72] STOKKE, RYAN M., US  
[71] KARSTEN MANUFACTURING CORPORATION, US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/028157)  
[87] (WO2014/152899)  
[30] US (13/804,859) 2013-03-14  
[30] US (13/804,917) 2013-03-14  
[30] US (13/826,111) 2013-03-14

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[21] **2,905,058**  
[13] A1

[51] **Int.Cl. A61K 38/48 (2006.01) A61P 7/02 (2006.01)**  
[25] EN  
[54] **SUBCUTANEOUS ADMINISTRATION OF ADAMTS13**  
[54] **ADMINISTRATION SOUS-CUTANEE D'ADAMTS13**  
[72] SCHIVIZ, ALEXANDRA NATHALIE, AT  
[72] HOELLRIEGL, WERNER, AT  
[72] PLAIMAUER, BARBARA, AT  
[72] ROTTENSTEINER, HANSPETER, AU  
[72] MUCHITSCH, EVA-MARIA, AU  
[71] BAXALTA INCORPORATED, US  
[71] BAXALTA GMBH, CH  
[85] 2015-09-09  
[86] 2014-03-13 (PCT/US2014/026747)  
[87] (WO2014/151968)  
[30] US (61/794,659) 2013-03-15

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[21] **2,905,059**  
[13] A1

[51] **Int.Cl. A24B 13/00 (2006.01) A24B 15/00 (2006.01)**  
[25] EN  
[54] **PRODUCT PORTION ENROBING MACHINES AND METHODS**  
[54] **MACHINES ET PROCEDES D'ENROBAGE DE PARTIE DE PRODUIT**  
[72] CARROLL, ANDREW NATHAN, US  
[72] BLACK, SHANNON MAXWELL, US  
[72] SUN, YAN HELEN, US  
[72] BURKE, WILLIAM JOSEPH, US  
[72] SMITH, ROBERT, US  
[71] ALTRIA CLIENT SERVICES LLC, US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/028325)  
[87] (WO2014/152938)  
[30] US (61/786,295) 2013-03-14

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[21] **2,905,060**  
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01) A61G 11/00 (2006.01)**  
[25] EN  
[54] **MOBILE DISPENSING SYSTEM FOR MEDICAL ARTICLES**  
[54] **SYSTEME DE DISTRIBUTION MOBILE POUR DES ARTICLES MEDICAUX**  
[72] CAPUTO, JIMMY C., US  
[72] HUSSAIN, SHARIQ, US  
[72] SHAMBLIN, JEFFREY, US  
[71] MEPS REAL-TIME, INC., US  
[85] 2015-09-09  
[86] 2014-03-13 (PCT/US2014/026823)  
[87] (WO2014/160489)  
[30] US (61/780,698) 2013-03-13

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[21] **2,905,062**  
[13] A1

[51] **Int.Cl. A24B 13/00 (2006.01) A24B 15/00 (2006.01) A24B 15/18 (2006.01) A24B 15/28 (2006.01)**

[25] EN

[54] **POUCH MATERIAL FOR SMOKELESS TOBACCO AND TOBACCO SUBSTITUTE PRODUCTS**

[54] **MATERIAU DE SACHET POUR TABAC SANS FUMEE ET PRODUITS SUCCEDANES DE TABAC**

[72] CARROLL, ANDREW NATHAN, US  
[72] BLACK, SHANNON MAXWELL, US  
[72] SUN, YAN HELEN, US  
[72] BURKE, WILLIAM JOSEPH, US  
[71] ALTRIA CLIENT SERVICES LLC, US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/028242)  
[87] (WO2014/144013)  
[30] US (61/786,315) 2013-03-15

[21] **2,905,063**  
[13] A1

[51] **Int.Cl. A24B 13/00 (2006.01) A24B 15/00 (2006.01)**

[25] EN

[54] **FIBER-WRAPPED SMOKELESS TOBACCO PRODUCT**

[54] **PRODUIT DE TABAC SANS FUMEE ENVELOPPE DE FIBRE**

[72] CARROLL, ANDREW NATHAN, US  
[72] BLACK, SHANNON MAXWELL, US  
[72] SUN, YAN HELEN, US  
[72] BURKE, WILLIAM JOSEPH, US  
[71] ALTRIA CLIENT SERVICES LLC, US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/028354)  
[87] (WO2014/152945)  
[30] US (61/786,295) 2013-03-14

[21] **2,905,065**  
[13] A1

[51] **Int.Cl. E01B 31/13 (2006.01) B23C 3/00 (2006.01) B23C 5/06 (2006.01) B23C 5/20 (2006.01)**

[25] EN

[54] **RAIL RE-PROFILING METHOD AND APPARATUS**

[54] **PROCEDE ET APPAREIL DE REPROFILAGE DE RAILS**

[72] HUGHES, DONALD R., US  
[72] GREENLEAF, WILLIAM, P., US  
[72] GRABOWSKI, CHARLES D., US  
[71] GREENLEAF TECHNOLOGY CORPORATION, US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/026942)  
[87] (WO2014/152094)  
[30] US (13/841,036) 2013-03-15

[21] **2,905,067**  
[13] A1

[51] **Int.Cl. F21V 33/00 (2006.01) F21L 4/08 (2006.01)**

[25] EN

[54] **LIGHTED HAT**

[54] **CHAPEAU ECLAIRE**

[72] WATERS, MICHAEL, US  
[71] WATERS, MICHAEL, US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/028613)  
[87] (WO2014/144276)  
[30] US (61/798,971) 2013-03-15

[21] **2,905,069**  
[13] A1

[51] **Int.Cl. A24B 13/00 (2006.01) A24B 15/00 (2006.01)**

[25] EN

[54] **PRODUCT PORTION ENROBING PROCESS AND APPARATUS, AND RESULTING PRODUCTS**

[54] **PROCEDE ET APPAREIL D'ENROBAGE DE PARTIE DE PRODUIT, ET PRODUITS OBTENUS**

[72] CARROLL, ANDREW NATHAN, US  
[72] BLACK, SHANNON MAXWELL, US  
[72] SUN, YAN HELEN, US  
[72] BURKE, WILLIAM JOSEPH, US  
[72] SMITH, ROBERT, US  
[71] ALTRIA CLIENT SERVICES LLC, US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/028389)  
[87] (WO2014/152956)  
[30] US (61/786,295) 2013-03-14

[21] **2,905,070**  
[13] A1

[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/337 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **METHODS OF TREATING CANCER AND PREVENTING CANCER DRUG RESISTANCE**

[54] **METHODES DE TRAITEMENT DU CANCER ET DE PREVENTION D'UNE RESISTANCE A UN MEDICAMENT ANTICANCEREUX**

[72] CLASSON, MARIE, US  
[72] STEPHAN, JEAN-PHILIPPE, US  
[71] GENENTECH, INC., US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/028759)  
[87] (WO2014/153030)  
[30] US (61/785,645) 2013-03-14

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[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01)**

[25] EN

[54] **DIHYDRO-PYRROLOPYRIDINONE BROMODOMAIN INHIBITORS**

[54] **INHIBITEURS DE BROMODOMAINE DIHYDRO-PYRROLOPYRIDINONE**

[72] LIU, DACHUN, US  
[72] PRATT, JOHN K., US  
[72] FIDANZE, STEVEN D., US  
[72] DAI, YUJIA, US  
[72] HASVOLD, LISA A., US  
[72] HOLMS, JAMES H., US  
[72] MANTEI, ROBERT, US  
[72] SHEPPARD, GEORGE S., US  
[72] MCCLELLAN, WILLIAM, US  
[72] MCDANIEL, KEITH F., US  
[72] WANG, LE, US  
[71] ABBVIE INC., US  
[85] 2015-09-09  
[86] 2014-03-12 (PCT/US2014/024546)  
[87] (WO2014/165143)  
[30] US (61/777,699) 2013-03-12

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[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**  
[25] EN  
[54] **SELF-EVOLVING PREDICTIVE MODEL**  
[54] **MODELE PREDICTIF A EVOLUTION AUTOMATIQUE**  
[72] BARSOUM, WAEL K., US  
[72] KATTAN, MICHAEL W., US  
[72] JOHNSTON, DOUGLAS R., US  
[72] MORRIS, WILLIAM H., US  
[71] THE CLEVELAND CLINIC FOUNDATION, US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/027295)  
[87] (WO2014/152395)  
[30] US (61/792,427) 2013-03-15

[21] **2,905,074**  
[13] A1

[51] **Int.Cl. H02J 3/14 (2006.01)**  
[25] EN  
[54] **ELECTRIC POWER SYSTEM CONTROL WITH MEASUREMENT OF ENERGY DEMAND AND ENERGY EFFICIENCY USING T - DISTRIBUTIONS**  
[54] **COMMANDE DE SYSTEME DE PUISSANCE ELECTRIQUE AVEC MESURE DE DEMANDE D'ENERGIE ET D'EFFICACITE ENERGETIQUE UTILISANT DES DISTRIBUTIONS EN T**  
[72] HALL, EDMUND J., US  
[72] TYLER, STEPHEN J., US  
[71] DOMINION RESOURCES, INC., US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/027299)  
[87] (WO2014/152398)  
[30] US (61/789,085) 2013-03-15

[21] **2,905,075**  
[13] A1

[51] **Int.Cl. H02J 13/00 (2006.01) G05F 1/66 (2006.01)**  
[25] EN  
[54] **ELECTRIC POWER SYSTEM CONTROL WITH PLANNING OF ENERGY DEMAND AND ENERGY EFFICIENCY USING AMI-BASED DATA ANALYSIS**  
[54] **COMMANDE DE SYSTEME ELECTRIQUE AVEC PLANIFICATION DE LA DEMANDE ET DE L'EFFICACITE ENERGETIQUE**  
[72] PESKIN, MELISSA A., US  
[72] POWELL, PHILLIP W., US  
[71] DOMINION RESOURCES, INC., US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/027310)  
[87] (WO2014/152408)  
[30] US (61/794,623) 2013-03-15  
[30] US (61/789,085) 2013-03-15

[21] **2,905,076**  
[13] A1

[51] **Int.Cl. G05B 11/01 (2006.01) H02J 3/14 (2006.01)**  
[25] EN  
[54] **MANAGEMENT OF ENERGY ON ELECTRIC POWER SYSTEMS**  
[54] **GESTION DE L'ENERGIE SUR DES SYSTEMES D'ALIMENTATION ELECTRIQUE**  
[72] TYLER, STEPHEN J., US  
[72] POWELL, PHILLIP W., US  
[71] DOMINION RESOURCES, INC., US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/027332)  
[87] (WO2014/152429)  
[30] US (61/800,028) 2013-03-15  
[30] US (61/789,085) 2013-03-15  
[30] US (61/794,623) 2013-03-15

[21] **2,905,079**  
[13] A1

[51] **Int.Cl. E04B 1/84 (2006.01) E04C 2/04 (2006.01)**  
[25] EN  
[54] **GYPHUM-PANEL ACOUSTICAL MONOLITHIC CEILING**  
[54] **PLAFOND MONOLITHIQUE ACOUSTIQUE A PANNEAU DE GYPSE**  
[72] DUGAN, ERIN, US  
[72] MIKLOSZ, MARK, US  
[72] BURY, RAFAEL, US  
[72] YEUNG, LEE K., US  
[72] FRANK, WILLIAM A., US  
[72] GULBRANDSEN, PEDER J., US  
[71] USG INTERIORS, LLC, US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/027518)  
[87] (WO2014/143660)  
[30] US (13/832,107) 2013-03-15  
[30] US (14/135,821) 2013-12-20

[21] **2,905,081**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) A61K 48/00 (2006.01) C12N 15/11 (2006.01)**  
[25] EN  
[54] **MIRNA BIOGENESIS IN EXOSOMES FOR DIAGNOSIS AND THERAPY**  
[54] **BIOGENESE D'ARNMI DANS DES EXOSOMES A DES FINS DIAGNOSTIQUES ET THERAPEUTIQUES**  
[72] KALLURI, RAGHU, US  
[72] MELO, SONIA, US  
[71] BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US  
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/027541)  
[87] (WO2014/152622)  
[30] US (61/791,301) 2013-03-15

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[21] **2,905,085**  
[13] A1

[51] **Int.Cl. B32B 1/02 (2006.01) B32B 5/18 (2006.01) B32B 27/00 (2006.01)**

[25] EN  
[54] **CONTAINER**  
[54] **CONTENANT**  
[72] MINNETTE, JEFFREY C., US  
[72] DRISKILL, PHILIP A., US  
[72] SUN, DAVID D., US  
[72] STRASSER, ROLLAND, US  
[72] SURTI, BIRJU A., US  
[71] BERRY PLASTICS CORPORATION, US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/027551)  
[87] (WO2014/152631)  
[30] US (61/783,994) 2013-03-14

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[21] **2,905,087**  
[13] A1

[51] **Int.Cl. A61M 1/00 (2006.01) A61K 31/519 (2006.01) A61K 31/5377 (2006.01) A61K 47/48 (2006.01) A61K 51/04 (2006.01) G01N 1/10 (2006.01) G06F 11/10 (2006.01)**

[25] EN  
[54] **AN INTELLIGENT AND CONFIGURABLE FLUID DELIVERY SYSTEM AND METHODS FOR ITS USE**  
[54] **SYSTEME DE DISTRIBUTION DE FLUIDE INTELLIGENT ET CONFIGURABLE ET PROCEDES D'UTILISATION CORRESPONDANTS**  
[72] URAM, MARTIN J., US  
[72] UBER, ARTHUR E., US  
[72] BROSOVICH, JOHN, US  
[72] MISHLER, DAVID, US  
[72] RHINEHART, EDWARD J., US  
[72] YANNIELLO, MICHAEL J., US  
[72] TROCKI, MARK, US  
[72] TUCKER, BARRY L., US  
[71] BAYER MEDICAL CARE INC., US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/029152)  
[87] (WO2014/144651)  
[30] US (13/831,667) 2013-03-15

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[21] **2,905,088**  
[13] A1

[51] **Int.Cl. A61N 5/10 (2006.01) G01R 33/48 (2006.01)**

[25] EN  
[54] **SYSTEMS AND METHODS FOR LINEAR ACCELERATOR RADIOTHERAPY WITH MAGNETIC RESONANCE IMAGING**  
[54] **SYSTEMES ET PROCEDES POUR RADIOTHERAPIE PAR ACCELERATEUR LINEAIRE AVEC IMAGERIE A RESONANCE MAGNETIQUE**  
[72] DEMPSEY, JAMES F., US  
[72] SHVARTSMAN, SHMARYU M., US  
[71] VIEWRAY INCORPORATED, US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/028792)  
[87] (WO2014/144399)  
[30] US (13/841,478) 2013-03-15

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[21] **2,905,089**  
[13] A1

[51] **Int.Cl. A61K 31/47 (2006.01) A61K 31/557 (2006.01) A61P 27/06 (2006.01)**

[25] EN  
[54] **COMBINATION THERAPY**  
[54] **TRAITEMENT COMBINE**  
[72] KOPCZYNSKI, CASEY, US  
[72] LIN, CHENG-WEN, US  
[72] STURDIVANT, JILL MARIE, US  
[72] DELONG, MITCHELL A., US  
[71] AERIE PHARMACEUTICALS, INC., US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/029335)  
[87] (WO2014/144781)  
[30] US (61/787,883) 2013-03-15

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[21] **2,905,090**  
[13] A1

[51] **Int.Cl. C07K 14/435 (2006.01)**

[25] EN  
[54] **LOW MOLECULAR WEIGHT SILK COMPOSITIONS AND STABILIZING SILK COMPOSITIONS**  
[54] **COMPOSITIONS DE SOIE DE FAIBLE POIDS MOLECULAIRE ET STABILISATION DE COMPOSITIONS DE SOIE**  
[72] KLUGE, JONATHAN A., US  
[72] OMENETTO, FIORENZO G., US  
[72] KAPLAN, DAVID L., US  
[71] TRUSTEES OF TUFTS COLLEGE, US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/029636)  
[87] (WO2014/145002)  
[30] US (61/792,161) 2013-03-15  
[30] US (61/830,950) 2013-06-04  
[30] US (61/883,732) 2013-09-27  
[30] US (61/909,687) 2013-11-27

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[21] **2,905,091**  
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**

[25] EN  
[54] **SYSTEM AND METHOD OF OBTAINING SMOKING TOPOGRAPHY DATA**  
[54] **SYSTEME ET PROCEDE DESTINES A L'OBTENTION DE DONNEES DE TOPOGRAPHIE DE FUMEE**  
[72] SMITH, BARRY, US  
[72] BURTON, DOUGLAS A., US  
[71] ALTRIA CLIENT SERVICES LLC, US  
[85] 2015-09-09  
[86] 2014-03-12 (PCT/US2014/024612)  
[87] (WO2014/150942)  
[30] US (61/800,226) 2013-03-15

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[13] A1

[51] **Int.Cl. A61M 27/00 (2006.01) A61M 1/00 (2006.01)**  
[25] EN  
[54] **VACUUM CARTRIDGE WITH INTEGRATED VALVE**  
[54] **CARTOUCHE A VIDE A VALVE INTEGREE**  
[72] CONNER, RYAN, US  
[72] HU, DEAN, US  
[72] MUSANTE, CRYSTAL, US  
[72] WU, KENNETH, US  
[71] SPIRACUR INC., US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/029649)  
[87] (WO2014/145014)  
[30] US (61/801,626) 2013-03-15

[21] **2,905,093**  
[13] A1

[51] **Int.Cl. B60K 28/06 (2006.01)**  
[25] EN  
[54] **ANTI-CIRCUMVENTION APPARATUS AND METHODS FOR USE IN SOBRIETY TESTING SYSTEMS**  
[54] **APPAREIL ET PROCEDES ANTI-CONTOURNEMENT A UTILISER DANS LES SYSTEMES DE TEST DE LA SOBRIETE**  
[72] GOAD, RICHARD, US  
[71] 1A SMART START, INC., US  
[85] 2015-09-09  
[86] 2014-03-12 (PCT/US2014/024631)  
[87] (WO2014/159663)  
[30] US (61/781,748) 2013-03-14  
[30] US (13/932,804) 2013-07-01

[21] **2,905,094**  
[13] A1

[51] **Int.Cl. A23G 4/00 (2006.01) A23G 4/06 (2006.01) A23G 4/18 (2006.01)**  
[25] EN  
[54] **DRY FOAM CONFECTIONARY PRODUCT**  
[54] **PRODUIT DE CONFISERIE A MOUSSE SECHE**  
[72] BROWN, SCOTT G., US  
[72] GRAFF, GWENDOLYN, US  
[72] SONG, JOO, US  
[72] TACKETT, APRIL J., US  
[71] WM. WRIGLEY JR. COMPANY, US  
[85] 2015-09-09  
[86] 2014-03-12 (PCT/US2014/024633)  
[87] (WO2014/159665)  
[30] US (61/781,923) 2013-03-14

[21] **2,905,096**  
[13] A1

[51] **Int.Cl. A61F 2/40 (2006.01)**  
[25] EN  
[54] **PROSTHETIC ARTICULATION SURFACE MOUNTING**  
[54] **MONTAGE DE SURFACE D'ARTICULATION PROTHETIQUE**  
[72] IANNOTTI, JOSEPH P., US  
[71] THE CLEVELAND CLINIC FOUNDATION, US  
[85] 2015-09-09  
[86] 2014-03-12 (PCT/US2014/024641)  
[87] (WO2014/150953)  
[30] US (61/787,216) 2013-03-15

[21] **2,905,097**  
[13] A1

[51] **Int.Cl. A61B 19/02 (2006.01) A47B 67/02 (2006.01) A61G 12/00 (2006.01) H05K 9/00 (2006.01)**  
[25] EN  
[54] **REAL-TIME INVENTORY RE-SUPPLY SYSTEM**  
[54] **SYSTEME DE REAPPROVISIONNEMENT AVEC INVENTAIRE EN TEMPS REEL**  
[72] CAPUTO, JIMMY C., US  
[72] HUSSAIN, SHARIQ, US  
[72] SHAMBLIN, JEFFREY, US  
[71] MEPS REAL-TIME, INC., US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/029692)  
[87] (WO2014/145048)  
[30] US (61/800,803) 2013-03-15

[21] **2,905,099**  
[13] A1

[51] **Int.Cl. A61K 9/68 (2006.01) A61K 31/465 (2006.01) A61K 47/32 (2006.01) A61K 47/42 (2006.01)**  
[25] EN  
[54] **SOFT ORAL PRODUCT**  
[54] **PRODUIT MOU DESTINE A UNE ADMINISTRATION PAR VOIE ORALE**  
[72] MISHRA, MUNMAYA K., US  
[72] KARLES, GEORGIOS D., US  
[71] ALTRIA CLIENT SERVICES LLC, US  
[85] 2015-09-09  
[86] 2014-03-12 (PCT/US2014/024683)  
[87] (WO2014/159673)  
[30] US (61/786,195) 2013-03-14

[21] **2,905,101**  
[13] A1

[51] **Int.Cl. A61N 1/378 (2006.01) A61B 5/0205 (2006.01) A61B 5/0402 (2006.01) A61B 5/0476 (2006.01) A61N 1/362 (2006.01) A61N 1/372 (2006.01)**  
[25] EN  
[54] **WIRELESS IMPLANTABLE POWER RECEIVER SYSTEM AND METHODS**  
[54] **SYSTEME ET PROCEDES POUR UN RECEPTEUR DE PUISSANCE SANS FIL IMPLANTABLE**  
[72] PERRYMAN, LAURA TYLER, US  
[72] ANDRESEN, CHAD, US  
[72] LARSON, PATRICK, US  
[72] GREENE, GRAHAM, US  
[71] MICRON DEVICES, LLC, US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/029187)  
[87] (WO2014/153124)  
[30] US (61/786,069) 2013-03-14

[21] **2,905,102**  
[13] A1

[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/08 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR APPLYING ELECTRICAL STIMULATION FOR OPTIMIZING SPINAL CORD STIMULATION**  
[54] **SYSTEMES ET PROCEDES POUR APPLIQUER UNE STIMULATION ELECTRIQUE POUR OPTIMISER UNE STIMULATION DE MOELLE EPINIERE**  
[72] GRILL, WARREN M., US  
[72] ZHANG, TIANHE, US  
[71] DUKE UNIVERSITY, US  
[85] 2015-09-09  
[86] 2014-03-13 (PCT/US2014/025423)  
[87] (WO2014/159896)  
[30] US (61/779,632) 2013-03-13  
[30] US (61/779,554) 2013-03-13

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[21] **2,905,103**  
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01)**  
[25] EN  
[54] **4-AMINO-6-(HETEROCYCLIC)PICOLINATES AND 6-AMINO-2-(HETEROCYCLIC)PYRIMIDINE-4-CARBOXYLATES AND THEIR USE AS HERBICIDES**

[54] **4-AMINO-6-(HETEROCYCLE)PICOLINATES ET 6-AMINO-2-(HETEROCYCLE)PYRIMIDINE-4-CARBOXYLATES ET LEUR UTILISATION COMME HERBICIDES**

[72] ECKELBARGER, JOSEPH D., US  
[72] EPP, JEFFREY B., US  
[72] FISCHER, LINDSEY G., US  
[72] LOWE, CHRISTIAN T., US  
[72] PETKUS, JEFF, US  
[72] ROTH, JOSHUA, US  
[72] SATCHIVI, NORBERT M., US  
[72] SCHMITZER, PAUL RICHARD, US  
[72] SIDDALL, THOMAS L., US  
[71] DOW AGROSCIENCES LLC, US  
[85] 2015-09-09  
[86] 2014-03-12 (PCT/US2014/024749)  
[87] (WO2014/151008)  
[30] US (61/790,391) 2013-03-15

[21] **2,905,104**  
[13] A1

[51] **Int.Cl. A01N 65/44 (2009.01) A01N 25/30 (2006.01) A01N 47/24 (2006.01) A01N 57/20 (2006.01) A01N 61/00 (2006.01) A01P 13/00 (2006.01)**

[25] EN  
[54] **METHODS AND COMPOSITIONS FOR WEED CONTROL**

[54] **PROCEDES ET COMPOSITIONS UTILISABLES EN VUE DE LA LUTTE CONTRE LES MAUVAISES HERBES**

[72] TAO, NENGBING, US  
[71] MONSANTO TECHNOLOGY LLC, US  
[85] 2015-09-09  
[86] 2014-03-11 (PCT/US2014/023503)  
[87] (WO2014/164797)  
[30] US (61/779,532) 2013-03-13

[21] **2,905,106**  
[13] A1

[51] **Int.Cl. B23P 6/00 (2006.01) B21D 7/02 (2006.01) B21D 7/022 (2006.01) B21D 17/02 (2006.01) B21D 31/00 (2006.01) B21D 37/10 (2006.01)**

[25] EN  
[54] **PROCESS AND APPARATUS TO RESTORE DISTORTED FEATURES ON GAS TURBINE VANES**

[54] **PROCEDE ET APPAREIL DE RESTAURATION DE ELEMENTS DEFORMES SUR LES AUBES DE TURBINE A GAZ**

[72] NGUYEN-DINH, XUAN, MX  
[72] SANDOVAL, ROBERTO FLORES, MX  
[72] BLUMANSTOCK, BEN, US  
[71] CHROMALLOY GAS TURBINE LLC, US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/027574)  
[87] (WO2014/152647)  
[30] US (61/851,939) 2013-03-14  
[30] US (14/208,489) 2014-03-13

[21] **2,905,107**  
[13] A1

[51] **Int.Cl. A61B 17/225 (2006.01) A61B 17/22 (2006.01) A61N 7/00 (2006.01)**

[25] EN  
[54] **UNFOCUSED ELECTROHYDRAULIC LITHOTRIPTER**

[54] **LITHOTRITTEUR ELECTROHYDRAULIQUE NON FOCALISE**

[72] MANTELL, ROBERT, US  
[71] NORTHGATE TECHNOLOGIES INC., US  
[85] 2015-09-10  
[86] 2014-03-10 (PCT/IB2014/000275)  
[87] (WO2014/140715)  
[30] US (61/775,907) 2013-03-11

[21] **2,905,108**  
[13] A1

[51] **Int.Cl. A61K 9/127 (2006.01) A61K 9/133 (2006.01) A61K 39/395 (2006.01) A61K 47/28 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01) A61P 31/12 (2006.01)**

[25] EN  
[54] **CHOLESTOSOME VESICLES FOR INCORPORATION OF MOLECULES INTO CHYLOMICRONS**

[54] **VESICULES DE CHOLESTOSOME POUR L'INCORPORATION DE MOLECULES DANS DES CHYLOMICRONS**

[72] HUGHES, JULIE, US  
[72] SCHENTAG, JEROME J., US  
[72] MCCOURT, MARY P., US  
[72] MIELNICKI, LAWRENCE, US  
[71] HUGHES, JULIE, US  
[71] SCHENTAG, JEROME J., US  
[71] MCCOURT, MARY P., US  
[71] MIELNICKI, LAWRENCE, US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/027761)  
[87] (WO2014/152795)  
[30] US (61/783,003) 2013-03-14

[21] **2,905,109**  
[13] A1

[51] **Int.Cl. C12P 17/18 (2006.01)**

[25] EN  
[54] **METHOD FOR PRODUCING BACTERIOCHLOROPHYLL A**

[54] **PROCEDE DE PRODUCTION DE BACTERIOCHLOROPHYLLES A**

[72] EREN, DORON, IL  
[72] MAZOR, NITSA, IL  
[71] TOOKAD IP SARL, LU  
[85] 2015-09-10  
[86] 2014-03-11 (PCT/IB2014/000468)  
[87] (WO2014/140786)  
[30] US (61/776,314) 2013-03-11

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[21] **2,905,110**  
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01)**  
[25] EN  
[54] **CONTROL SYSTEM FOR  
RADIOPHARMACEUTICALS**  
[54] **SYSTEME DE COMMANDE POUR  
PRODUITS  
RADIOPHARMACEUTIQUES**  
[72] RHODES, DEREK F., US  
[72] SIEGLER, ROBERT W., US  
[71] LANTHEUS MEDICAL IMAGING,  
INC., US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/027807)  
[87] (WO2014/143725)  
[30] US (61/801,461) 2013-03-15

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[21] **2,905,111**  
[13] A1

[51] **Int.Cl. C04B 12/02 (2006.01) C04B  
38/00 (2006.01)**  
[25] EN  
[54] **CALCIUM PHOSPHATE CEMENT  
COMPOSITIONS THAT SET INTO  
HIGH STRENGTH POROUS  
STRUCTURES**  
[54] **COMPOSITIONS DE CIMENT DE  
PHOSPHATE DE CALCIUM QUI  
DURCISSENT EN DES  
STRUCTURES POREUSES A  
RESISTANCE ELEVEE**  
[72] HE, JIAWEI, US  
[72] DELANEY, DAVID C., US  
[71] SKELETAL KINETICS, LLC, US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/029203)  
[87] (WO2014/153127)  
[30] US (61/783,892) 2013-03-14

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[21] **2,905,112**  
[13] A1

[51] **Int.Cl. C12N 1/00 (2006.01)**  
[25] EN  
[54] **BENZYLISOQUINOLINE  
ALKALOIDS (BIA) PRODUCING  
MICROBES, AND METHODS OF  
MAKING AND USING THE SAME**  
[54] **MICROBES PRODUISANT DES  
ALCALOIDES DE  
BENZYLISQUINOLINE (BIA) ET  
LEURS PROCEDES DE  
FABRICATION ET  
D'UTILISATION**  
[72] SMOLKE, CHRISTINA D., US  
[72] THODEY, CATHERINE, US  
[72] TRENCHARD, ISIS, US  
[72] GALANIE, STEPHANIE, US  
[71] THE BOARD OF TRUSTEES OF THE  
LELAND STANFORD JUNIOR  
UNIVERSITY, US

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[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/027833)  
[87] (WO2014/143744)  
[30] US (61/788,560) 2013-03-15

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[21] **2,905,114**  
[13] A1

[51] **Int.Cl. B60R 11/02 (2006.01) B60R  
7/00 (2006.01) B60R 11/00 (2006.01)**  
[25] EN  
[54] **PIVOTABLE VEHICLE MOUNT  
FOR MOBILE COMPUTING  
DEVICES**  
[54] **SUPPORT PIVOTANT DE  
VEHICULE POUR DES  
DISPOSITIFS INFORMATIQUES  
MOBILES**  
[72] JOHNSON, KENNETH L., US  
[71] VOXX INTERNATIONAL  
CORPORATION, US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/027461)  
[87] (WO2014/152546)  
[30] US (13/839,133) 2013-03-15

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[13] A1

[51] **Int.Cl. B60B 3/16 (2006.01) B60B 7/06  
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37/14 (2006.01)**  
[25] EN  
[54] **PUSH ON PLASTIC WHEEL TRIM**  
[54] **ENJOLIVEUR DE ROUE EN  
PLASTIQUE A POUSSER**  
[72] MAYER PUJADAS, AUGUSTO, ES  
[72] SANTALO, GUILLEM DOMINGUEZ,  
ES  
[71] ZANINI AUTO GRUP, SA, ES  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/IB2014/000642)  
[87] (WO2014/140793)  
[30] US (13/796,230) 2013-03-12

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[13] A1

[51] **Int.Cl. B65D 35/46 (2006.01) B65D  
47/20 (2006.01)**  
[25] EN

[54] **CONTAINER  
RECIPIENT**  
[72] GELOV, TEODOR, US  
[72] NICHOLS, KAREN H., US  
[72] NORTON, DOUGLAS E., US  
[71] TC HEARTLAND LLC, US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/029242)  
[87] (WO2014/144714)  
[30] US (13/844,492) 2013-03-15

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[21] **2,905,118**  
[13] A1

[51] **Int.Cl. B65B 61/20 (2006.01) B65B  
11/50 (2006.01) B65B 47/00 (2006.01)  
B65D 75/36 (2006.01)**  
[25] EN  
[54] **PASSIVELY ENABLE A BLISTER  
PACK WITH WIRELESS  
IDENTIFICATION DEVICE**  
[54] **ACTIVATION PASSIVE D'UN  
EMBALLAGE BLISTER AVEC UN  
DISPOSITIF D'IDENTIFICATION  
SANS FIL**  
[72] HUSSAIN, SHARIQ, US  
[72] WILLIAMS, JAMES P., US  
[72] ELIZONDO, PAUL M., II, US  
[71] MEPS REAL-TIME, INC., US  
[85] 2015-09-09  
[86] 2014-03-11 (PCT/US2014/023588)  
[87] (WO2014/164833)  
[30] US (61/778,365) 2013-03-12

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[13] A1  
[51] **Int.Cl. A01C 5/00 (2006.01) A01C 14/00 (2006.01) E02D 1/00 (2006.01)**  
[25] EN  
[54] **SYSTEMS, METHODS, AND APPARATUS FOR AGRICULTURAL IMPLEMENT TRENCH DEPTH CONTROL AND SOIL MONITORING**  
[54] **SYSTEMES, PROCEDES ET APPAREIL POUR REGULATION DE PROFONDEUR DE SILLON D'INSTRUMENTS AGRICOLES ET SURVEILLANCE DU SOL**  
[72] SAUDER, DEREK, US  
[72] STOLLER, JASON, US  
[72] PLATTNER, TROY, US  
[71] PRECISION PLANTING LLC, US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/029352)  
[87] (WO2014/153157)  
[30] US (61/783,591) 2013-03-14

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[13] A1  
[51] **Int.Cl. A01N 37/14 (2006.01) A01N 1/02 (2006.01)**  
[25] EN  
[54] **PRESERVATIVE SYSTEM**  
[54] **SYSTEME CONSERVATEUR**  
[72] SWANZY, JAMES, US  
[72] LOCKHART, LESLIE, US  
[71] MARY KAY INC., US  
[85] 2015-09-09  
[86] 2014-03-11 (PCT/US2014/023527)  
[87] (WO2014/164806)  
[30] US (61/777,639) 2013-03-12

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[13] A1  
[51] **Int.Cl. H01J 49/02 (2006.01) G01N 27/00 (2006.01) H01J 49/26 (2006.01)**  
[25] EN  
[54] **IMPROVED DATA QUALITY AFTER DEMULTIPLEXING OF OVERLAPPING ACQUISITION WINDOWS**  
[54] **MEILLEURE QUALITE DE DONNEES APRES DEMULTIPLEXAGE DE FENETRES D'ACQUISITION SE CHEVAUCHANT**  
[72] BURTON, LYLE L., CA  
[72] COX, DAVID M., CA  
[72] TATE, STEPHEN A., CA  
[71] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG  
[85] 2015-09-10  
[86] 2014-06-03 (PCT/IB2014/000944)  
[87] (WO2014/195785)  
[30] US (61/832,111) 2013-06-06

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[13] A1  
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/337 (2006.01) A61K 31/4353 (2006.01) A61K 31/437 (2006.01) A61K 31/517 (2006.01) A61K 31/7088 (2006.01) A61K 33/24 (2006.01) A61K 45/06 (2006.01) A61P 31/00 (2006.01)**  
[25] EN  
[54] **METHODS OF TREATING CANCER AND PREVENTING CANCER DRUG RESISTANCE**  
[54] **PROCEDES DE TRAITEMENT D'UN CANCER ET DE PREVENTION DE LA RESISTANCE MEDICAMENTEUSE D'UN CANCER**  
[72] ARORA, SHILPI, US  
[72] COSTA, MICHAEL ROBERT, US  
[72] LAU, TED, US  
[72] TROJER, PATRICK, US  
[72] ALBRECHT, BRIAN K., US  
[72] BUKER, SHANE, US  
[72] CLASSON, MARIE, US  
[72] GEHLING, VICTOR S., US  
[72] HARMANGE, JEAN-CHRISTOPHE, US  
[72] JACKSON, ERICA L., US  
[72] LIANG, JUN, US  
[72] PHILLIPS, HEIDI, US  
[72] SANDY, PETER, US  
[72] SETTLEMAN, JEFFREY, US  
[72] STEPHAN, JEAN-PHILIPPE, US  
[71] GENENTECH, INC., US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/029432)  
[87] (WO2014/144850)  
[30] US (61/801,414) 2013-03-15  
[30] US (61/804,083) 2013-03-21

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[13] A1  
[51] **Int.Cl. A61F 2/30 (2006.01) A61D 99/00 (2006.01)**  
[25] EN  
[54] **QUADRUPED STIFLE STABILIZATION SYSTEM**  
[54] **SYSTEME DE STABILISATION DE GRASSET POUR QUADRPEDE**  
[72] BARKOWSKI, VERONICA, CA  
[72] EMBLETON, NEIL, CA  
[71] EMBARK ENTERPRISES, INC., CA  
[85] 2015-09-10  
[86] 2014-03-10 (PCT/IB2014/001242)  
[87] (WO2014/140928)  
[30] US (61/776,735) 2013-03-11  
[30] US (61/778,324) 2013-03-12

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| [21] <b>2,905,127</b><br>[13] A1  | [21] <b>2,905,131</b><br>[13] A1  | [21] <b>2,905,133</b><br>[13] A1   |
| [51] <b>Int.Cl. A61B 5/00 (2006.01) A61B 5/145 (2006.01) A61N 1/04 (2006.01) G01N 27/30 (2006.01)</b> | [51] <b>Int.Cl. A61K 31/485 (2006.01) A61K 47/04 (2006.01) A61K 47/26 (2006.01) A61K 47/38 (2006.01) A61P 25/04 (2006.01)</b> | [51] <b>Int.Cl. C12Q 1/68 (2006.01) C12P 7/08 (2006.01)</b>  |
| [25] EN   | [25] EN   | [25] EN  |
| [54] <b>SWEAT ANALYTE TESTING COMPONENTS AND METHODS</b>  | [54] <b>COMPOSITIONS WITH A RHEOLOGICAL MODIFIER TO REDUCE DISSOLUTION VARIABILITY</b>  | [54] <b>METHODS FOR REGULATING NITROGEN METABOLISM DURING THE PRODUCTION OF ETHANOL FROM CORN BY METABOLICALLY ENGINEERED YEAST STRAINS</b>                    |
| [54] <b>COMPOSANTS ET PROCEDES DE TEST D'ANALYTE DE TRANSPIRATION</b>                                 | [54] <b>COMPOSITIONS AYANT UN AGENT DE MODIFICATION RHEOLOGIQUE POUR REDUIRE UNE VARIABILITE DE DISSOLUTION</b>               | [54] <b>PROCEDES DE REGULATION DU METABOLISME AZOTE POUR LA PRODUCTION D'ETHANOL A PARTIR DE MAIS PAR DES SOUCHES DE LEVURE MODIFIEES DE FACON METABOLIQUE</b> |
| [72] EINCK, CYDNEY A., US   | [72] YUM, SU IL, US   | [72] ARGYROS, AARON, US  |
| [72] ERICKSON, NATHAN R., US  | [72] CHAO, WENDY, US  | [72] BARRETT, TRISHA, US   |
| [72] HEPP, DENNIS, US   | [72] SU, HUEY-CHING, US   | [71] LALLEMAND HUNGARY LIQUIDITY MANAGEMENT LLC, HU  |
| [72] MESSER, GARY A., US  | [72] FU, ROGER, US  | [85] 2015-09-09  |
| [71] BIRCHWOOD LABORATORIES, LLC, US  | [72] ZAMLOOT, MICHAEL S., US  | [86] 2014-03-11 (PCT/US2014/023603)  |
| [85] 2015-09-09   | [72] BRATIN, KARL, US   | [87] (WO2014/164842)   |
| [86] 2014-03-11 (PCT/US2014/023603)   | [71] SHANKER, RAVI M., US   | [30] US (61/776,248) 2013-03-11  |
| [87] (WO2014/164842)  | [71] DURECT CORPORATION, US   |  |
| [30] US (61/776,248) 2013-03-11   | [85] 2015-09-09   |  |
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| [21] <b>2,905,128</b><br>[13] A1  | [21] <b>2,905,132</b><br>[13] A1  |  |
| [51] <b>Int.Cl. A01H 5/00 (2006.01) C12N 15/82 (2006.01) C12N 15/87 (2006.01)</b> | [51] <b>Int.Cl. C07D 471/00 (2006.01)</b>   |  |
| [25] EN   | [25] EN   |  |
| [54] <b>MUTATED ALLENE OXIDE SYNTHASE 2 (AOS2) GENES</b>                          | [54] <b>COMPOSITIONS WITH THIXOTROPY AND ENHANCED DISSOLUTION REPRODUCIBILITY AND STABILITY</b>               |  |
| [54] <b>GENES D'OXYDE D'ALLENE SYNTHASE 2 (AOS2) MUTES</b>                        | [54] <b>COMPOSITIONS AYANT UNE THIXOTROPIE ET UNE REPRODUCTIBILITE ET UNE STABILITE DE DISSOLUTION ACCRUE</b> |  |
| [72] GUNAWARDENA, UVINI, US   | [72] ZAMLOOT, MICHAEL S., US  |  |
| [72] GOCAL, GREGORY F.W., US  | [72] FU, ROGER, US  |  |
| [72] BEETHAM, PETER R., US  | [72] YUM, SU IL, US   |  |
| [72] WALKER, KEITH A., US   | [72] CHAO, WENDY, US  |  |
| [71] CIBUS US LLC, US   | [72] SU, HUEY-CHING, US   |  |
| [71] CIBUS EUROPE B.V., NL  | [71] DURECT CORPORATION, US   |  |
| [85] 2015-09-09   | [85] 2015-09-09   |  |
| [86] 2014-03-14 (PCT/US2014/029434)   | [86] 2014-03-14 (PCT/US2014/029617)   |  |
| [87] (WO2014/153178)  | [87] (WO2014/144984)  |  |
| [30] US (61/785,059) 2013-03-14   | [30] US (61/801,270) 2013-03-15   |  |
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| [21] <b>2,905,133</b><br>[13] A1   |  |  |
| [51] <b>Int.Cl. C12Q 1/68 (2006.01) C12P 7/08 (2006.01)</b>  |  |  |
| [25] EN  |  |  |
| [54] <b>METHODS FOR REGULATING NITROGEN METABOLISM DURING THE PRODUCTION OF ETHANOL FROM CORN BY METABOLICALLY ENGINEERED YEAST STRAINS</b>                    |  |  |
| [54] <b>PROCEDES DE REGULATION DU METABOLISME AZOTE POUR LA PRODUCTION D'ETHANOL A PARTIR DE MAIS PAR DES SOUCHES DE LEVURE MODIFIEES DE FACON METABOLIQUE</b> |  |  |
| [72] ARGYROS, AARON, US  |  |  |
| [72] BARRETT, TRISHA, US   |  |  |
| [71] LALLEMAND HUNGARY LIQUIDITY MANAGEMENT LLC, HU  |  |  |
| [85] 2015-09-09  |  |  |
| [86] 2014-03-13 (PCT/US2014/025460)  |  |  |
| [87] (WO2014/151318)   |  |  |
| [30] US (61/800,323) 2013-03-15  |  |  |

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[13] A1

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

[25] EN

[54] **METHODS AND COMPOSITIONS FOR INCREASING EFFICIENCY OF INCREASED EFFICIENCY OF TARGETED GENE MODIFICATION USING OLIGONUCLEOTIDE-MEDIATED GENE REPAIR**

[54] **PROCEDES ET COMPOSITIONS PERMETTANT D'AMELIORER L'EFFICACITE DE MODIFICATIONS GENETIQUES CIBLEES EN UTILISANT LA REPARATION GENIQUE INDUITE PAR OLIGONUCLEOTIDES**

[72] BEETHAM, PETER R., US  
[72] GOCAL, GREGORY F.W., US  
[72] SCHOPKE, CHRISTIAN, US  
[72] SAUER, NOEL JOY, US  
[72] PEARCE, JAMES, US  
[72] SEGAMI, ROSA E., US  
[72] MOZORUK, JERRY, US  
[71] CIBUS US LLC, US  
[71] CIBUS EUROPE B.V., NL  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/029621)  
[87] (WO2014/144987)  
[30] US (61/801,320) 2013-03-15

[21] **2,905,141**  
[13] A1

[51] **Int.Cl. C07K 14/55 (2006.01) A61K 38/20 (2006.01)**

[25] EN

[54] **INTERLEUKIN-2 MUTEINS FOR THE EXPANSION OF T-REGULATORY CELLS**

[54] **MUTEINES D'INTERLEUKINE 2 POUR LA PROPAGATION DE LYMPHOCYTES T REGULATEURS**

[72] GAVIN, MARC A., US  
[72] KANNAN, GUNASEKARAN, US  
[72] LI, LI, US  
[72] PEARSON, JOSHUA T., US  
[72] KAROW, MARGARET, US  
[71] AMGEN INC., US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/029111)  
[87] (WO2014/153111)  
[30] US (61/784,669) 2013-03-14

[21] **2,905,142**  
[13] A1

[51] **Int.Cl. G01D 4/00 (2006.01)**

[25] EN

[54] **UTILITY DEVICE INTERFACE**

[54] **INTERFACE POUR DISPOSITIF DE SERVICES PUBLICS**

[72] HAMILTON, DAVID, US  
[72] BRENNAN, WILLIAM J., JR., US  
[72] WILSON, MICHAEL A., US  
[71] NEPTUNE TECHNOLOGY GROUP INC., US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/029131)  
[87] (WO2014/144635)  
[30] US (61/798,373) 2013-03-15

[21] **2,905,143**  
[13] A1

[51] **Int.Cl. A23L 1/302 (2006.01) A23G 4/12 (2006.01) A23L 1/303 (2006.01) A23L 1/304 (2006.01) A61K 31/07 (2006.01) A61K 31/335 (2006.01) A61K 31/375 (2006.01) A61K 31/4415 (2006.01) A61K 31/714 (2006.01)**

[25] EN

[54] **GUMMY COMPOSITIONS FOR NUTRITIONAL SUPPLEMENTATION**

[54] **COMPOSITION A BASE DE GOMME POUR UN APPORT COMPLEMENTAIRE NUTRITIF**

[72] FERNANDEZ, EDUARDO, US  
[72] BALZER, CHARLES, US  
[71] EXELTIS USA, INC., US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/029728)  
[87] (WO2014/145072)  
[30] US (61/800,088) 2013-03-15

[21] **2,905,144**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 9/10 (2006.01) C12P 19/34 (2006.01)**

[25] EN

[54] **METHODS FOR AMPLIFICATION OF NUCLEIC ACIDS ON SOLID SUPPORT**

[54] **PROCEDES D'AMPLIFICATION D'ACIDES NUCLEIQUES SUR UN SUPPORT SOLIDE**

[72] ARNOLD, LYLE J., US  
[72] NELSON, NORMAN C., US  
[71] ARNOLD, LYLE J., US  
[71] NELSON, NORMAN C., US  
[85] 2015-09-09  
[86] 2014-03-14 (PCT/US2014/029817)  
[87] (WO2014/153260)  
[30] US (61/781,356) 2013-03-14

[21] **2,905,145**  
[13] A1

[51] **Int.Cl. A61K 38/19 (2006.01) A61P 17/02 (2006.01)**

[25] EN

[54] **THE USE OF SDF-1 TO MITIGATE SCAR FORMATION**

[54] **UTILISATION DE SDF-1 D'ATTENUATION DE FORMATION DE CICATRICE**

[72] PENN, MARC S., US  
[72] KIEDROWSKI, MATTHEW, US  
[72] ARAS, RAHUL, US  
[72] PASTORE, JOSEPH, US  
[71] JUVENTAS THERAPEUTICS, INC., US  
[71] THE CLEVELAND CLINIC FOUNDATION, US  
[85] 2015-09-09  
[86] 2014-03-15 (PCT/US2014/029960)  
[87] (WO2014/145236)  
[30] US (61/793,462) 2013-03-15

[21] **2,905,146**  
[13] A1

[51] **Int.Cl. H04N 13/04 (2006.01)**

[25] EN

[54] **TRANSPARENT AUTOSTEREOSCOPIC DISPLAY**

[54] **AFFICHEUR AUTOSTEREOSCOPIQUE TRANSPARENT**

[72] KROON, BART, NL  
[72] JOHNSON, MARK THOMAS, NL  
[72] VDOVIN, OLEXANDR VALENTYNOVYCH, NL  
[71] KONINKLIJKE PHILIPS N.V., NL  
[85] 2015-09-10  
[86] 2014-02-25 (PCT/IB2014/059221)  
[87] (WO2014/140972)  
[30] US (61/776,187) 2013-03-11

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[21] **2,905,147**  
[13] A1

[51] **Int.Cl. H04N 13/04 (2006.01) G02B 3/14 (2006.01) G02B 27/22 (2006.01) G02B 26/00 (2006.01) G02F 1/1347 (2006.01) G02F 1/29 (2006.01) H01L 27/32 (2006.01) H01L 51/50 (2006.01)**

[25] EN

[54] **TRANSPARENT AUTOSTEREOSCOPIC DISPLAY**

[54] **DISPOSITIF D'AFFICHAGE AUTOSTEREOSCOPIQUE TRANSPARENT**

[72] VDOVIN, OLEXANDR  
VALENTYNOVYCH, NL

[72] KROON, BART, NL

[72] VAN PUTTEN, EIBERT GERJAN, NL

[72] JOHNSON, MARK THOMAS, NL

[71] KONINKLIJKE PHILIPS N.V., NL

[85] 2015-09-10

[86] 2014-03-07 (PCT/IB2014/059530)

[87] (WO2014/141019)

[30] US (61/776,968) 2013-03-12

[21] **2,905,150**  
[13] A1

[51] **Int.Cl. A61N 2/02 (2006.01) A61B 18/00 (2006.01) A61D 7/00 (2006.01) A61N 2/04 (2006.01)**

[25] EN

[54] **CONTROLLER AND FLEXIBLE COILS FOR ADMINISTERING THERAPY, SUCH AS FOR CANCER THERAPY**

[54] **SYSTEME DE COMMANDE ET BOBINES SOUPLES POUR L'ADMINISTRATION D'UN TRAITEMENT, PAR EXEMPLE POUR LE TRAITEMENT DU CANCER**

[72] BUTTERS, JOHN T., US

[72] BUTTERS, BENNETT M., US

[72] AMMERMAN, MIKE, US

[72] CONWAY, SCOTT, US

[72] FISH, ROBERT, US

[72] HOOD, LARRY, US

[72] NATHANSON, JARED, US

[72] OBERKRAMER, KEVIN, US

[72] KUKULKA, KATHRYN, US

[72] MARCH, ANDREW, US

[71] NATIVIS, INC., US

[85] 2015-09-09

[86] 2014-03-15 (PCT/US2014/030018)

[87] (WO2014/145284)

[30] US (61/792,547) 2013-03-15

[21] **2,905,153**  
[13] A1

[51] **Int.Cl. H04N 13/04 (2006.01) G02B 27/22 (2006.01) H01L 27/15 (2006.01) H01L 27/32 (2006.01)**

[25] EN

[54] **TRANSPARENT DISPLAY**

[54] **AFFICHAGE TRANSPARENT**

[72] JOHNSON, MARK THOMAS, NL

[72] KROON, BART, NL

[72] VAN PUTTEN, ELBERT GERJAN, NL

[72] VDOVIN, OLEXANDR  
VALENTYNOVYCH, NL

[71] KONINKLIJKE PHILIPS N.V., NL

[85] 2015-09-10

[86] 2014-03-11 (PCT/IB2014/059611)

[87] (WO2014/141053)

[30] US (61/775,783) 2013-03-11

[21] **2,905,154**  
[13] A1

[51] **Int.Cl. F16K 11/00 (2006.01) F16K 5/04 (2006.01) F24D 3/00 (2006.01) F24D 19/00 (2006.01)**

[25] EN

[54] **WATER TEMPERATURE REGULATING VALVE**

[54] **VANNE DE REGULATION DE TEMPERATURE D'EAU**

[72] FORRESTAL, DAVID PETER, AU

[71] RELIANCE WORLDWIDE CORPORATION (AUST.) PTY. LTD., AU

[85] 2015-09-10

[86] 2014-03-12 (PCT/AU2014/000244)

[87] (WO2014/138786)

[30] AU (2013900844) 2013-03-12

[21] **2,905,155**  
[13] A1

[51] **Int.Cl. A61K 33/00 (2006.01) A61K 9/10 (2006.01) A61K 47/40 (2006.01) A61P 3/02 (2006.01)**

[25] EN

[54] **LIQUIDS RICH IN NOBLE GAS AND METHODS OF THEIR PREPARATION AND USE**

[54] **LIQUIDES RICHES EN GAZ NOBLE ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**

[72] HUANG, SHAO-LING, US

[72] MCPHERSON, DAVID, US

[72] GENG, YONG-JIAN, US

[72] YIN, XING, US

[72] KIM, HYUNGGUN, US

[72] KLEGERMAN, MELVIN, US

[72] PENG, TAO, US

[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US

[85] 2015-09-09

[86] 2014-03-17 (PCT/US2014/030210)

[87] (WO2014/145443)

[30] US (61/788,808) 2013-03-15

[30] US (61/889,901) 2013-10-11

[21] **2,905,157**  
[13] A1

[51] **Int.Cl. G21C 19/06 (2006.01)**

[25] EN

[54] **SUPPORTING NUCLEAR FUEL ASSEMBLIES**

[54] **ENSEMBLES COMBUSTIBLES NUCLEAIRES DE SUPPORT**

[72] CADELL, SETH, US

[72] LISZKAI, TAMAS, US

[71] NUSCALE POWER, LLC, US

[85] 2015-09-09

[86] 2014-03-17 (PCT/US2014/030298)

[87] (WO2014/204537)

[30] US (61/787,764) 2013-03-15

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[21] **2,905,159**  
[13] A1

[51] **Int.Cl. A61K 38/46 (2006.01) A23L 1/29 (2006.01) A23L 1/30 (2006.01) A61K 38/47 (2006.01) A61K 38/48 (2006.01) A61K 47/06 (2006.01) C12N 9/26 (2006.01)**

[25] EN

[54] **COMPOSITION CONTAINING DIGESTIVE ENZYMES AND NUTRIENTS SUITABLE FOR ENTERAL ADMINISTRATION**

[54] **COMPOSITION CONTENANT DES ENZYMES DIGESTIVES ET NUTRIMENTS APPROPRIES POUR UNE ADMINISTRATION ENTERALE**

[72] PIRONTI, VINCENZA, IT  
[72] RONDA, EMANUELA, IT  
[72] BOLTRI, LUIGI, IT  
[71] APTALIS PHARMA LTD., IE  
[85] 2015-09-10  
[86] 2014-03-13 (PCT/IB2014/059722)  
[87] (WO2014/141121)  
[30] US (61/798,027) 2013-03-15

[21] **2,905,160**  
[13] A1

[51] **Int.Cl. G01R 23/20 (2006.01)**

[25] EN

[54] **PASSIVE INTERMODULATION TESTING USING PULSE STIMULUS**

[54] **TEST D'INTERMODULATION PASSIVE A L'AIDE D'UNE EXCITATION PAR IMPULSIONS**

[72] HOLT, TIMOTHY L., US  
[72] O'BRIEN, TIMOTHY M., US  
[71] BIRD TECHNOLOGIES GROUP INC., US  
[85] 2015-09-09  
[86] 2014-03-17 (PCT/US2014/030344)  
[87] (WO2014/145553)  
[30] US (61/793,644) 2013-03-15

[21] **2,905,162**  
[13] A1

[51] **Int.Cl. A61K 31/7008 (2006.01) A61P 37/02 (2006.01)**

[25] EN

[54] **COMPOSITION CONTAINING BUFFERED AMINOALKYL GLUCOSAMINIDE PHOSPHATE DERIVATIVES AND ITS USE FOR ENHANCING AN IMMUNE RESPONSE**

[54] **COMPOSITION CONTENANT DES DERIVES D'AMINOALKYL-GLUCOSAMINIDE PHOSPHATE EN SOLUTION TAMPON ET SON UTILISATION POUR AMELIORER UNE REPOSE IMMUNITAIRE**

[72] JOHNSON, DAVID, US  
[72] BURKHART, DAVID, US  
[72] DUTTA, NUPUR, US  
[71] GLAXOSMITHKLINE BIOLOGICALS S.A., BE  
[85] 2015-09-10  
[86] 2014-03-13 (PCT/IB2014/059731)  
[87] (WO2014/141127)  
[30] US (61/791,165) 2013-03-15

[21] **2,905,165**  
[13] A1

[51] **Int.Cl. G01N 33/543 (2006.01) G01N 33/53 (2006.01) G01N 33/564 (2006.01) G01N 33/58 (2006.01) G01N 33/68 (2006.01) G01N 35/00 (2006.01)**

[25] EN

[54] **AUTOMATED IMMUNOANALYZER SYSTEM FOR PERFORMING DIAGNOSTIC ASSAYS FOR ALLERGIES AND AUTOIMMUNE DISEASES**

[54] **SYSTEME IMMUNO-ANALYSEUR AUTOMATISE POUR EFFECTUER DES ESSAIS DE DIAGNOSTIC POUR DES ALLERGIES ET DES MALADIES AUTO-IMMUNES**

[72] VAN CLEVE, MARK DAVID, US  
[72] HUNG, VICTORIA, US  
[72] LUO, YI, US  
[72] RIEGER, DENNIS EDWIN, US  
[72] TRONDLE, LINDA MARIE, US  
[72] REID, TAYLOR ADDISON, US  
[72] MCMENAMY, EVAN PHILLIP, US  
[72] RAGHAVAN, NANDITHA, US  
[72] RELIFORD, MORCOAH BLAY, US  
[72] CANFIELD, DOUGLAS JOHN, US  
[72] TAINE, ELAINE GRACE, US  
[72] SINSON, EDSSEL LAWRENCE NOCHE, US  
[72] VANDE WETERING, SCOTT WILLIAM, US  
[72] TAYLOR, TERI, US  
[72] KNOX, TRAVIS, US  
[72] JACALNE, FRAN ZYLO CUARESMA, US  
[72] WESTON, JAMES, GB  
[72] CHAN, JENNIFER BAO-GUEY, US  
[72] TUVI ORTEGA, STEPHANIE, US  
[72] SCHELL, RACHEL SARAH, US  
[72] DIAMOND, RONALD NORMAN, US  
[72] GANN, STEVE MICHAEL, US  
[72] HALL, ERIC DARNELL, US  
[72] HWANG, TAE HO, US  
[72] MORTON, JOHN LEWIS, US  
[72] MOSKALEV, ANATOLY, US  
[72] STACK, MARINELA GOMBOSEV, US  
[72] SARGEANT, BRUCE ALAN, US  
[72] CHUA, VANESSA CAMILLE, US  
[72] WILSON, KYLIE, US  
[72] FORSHAGER, MICHELLE FREDRIKA, US  
[71] HYCOR BIOMEDICAL, INC., US  
[85] 2015-09-09  
[86] 2014-03-17 (PCT/US2014/030373)  
[87] (WO2014/145581)  
[30] US (61/791,295) 2013-03-15  
[30] US (61/791,879) 2013-03-15

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[21] **2,905,167**  
[13] A1

[51] **Int.Cl. H01J 49/00 (2006.01)**  
[25] EN  
[54] **DATA DIRECTED ACQUISITION OF IMAGING MASS**  
[54] **ACQUISITION D'IMAGERIE DE MASSE, DIRIGEE PAR DES DONNEES**  
[72] BROWN, JEFFERY MARK, GB  
[72] CHAPMAN, RICHARD, GB  
[72] MURRAY, PAUL, GB  
[72] RICHARDSON, KEITH, GB  
[72] HOYES, EMMY MARIA, GB  
[71] MICROMASS UK LIMITED, GB  
[85] 2015-09-10  
[86] 2014-03-14 (PCT/GB2014/050808)  
[87] (WO2014/140628)  
[30] GB (1304757.6) 2013-03-15  
[30] EP (13159575.3) 2013-03-15

[21] **2,905,169**  
[13] A1

[51] **Int.Cl. D04H 1/00 (2006.01) B29C 67/00 (2006.01) B29C 70/38 (2006.01) D01G 21/00 (2006.01) D01G 25/00 (2006.01) D04H 1/58 (2012.01) D04H 1/70 (2012.01)**  
[25] EN  
[54] **AN APPARATUS FOR PRODUCING A NONWOVEN PRODUCT IN A NON-INDUSTRIAL ENVIRONMENT**  
[54] **APPAREIL PERMETTANT DE PRODUIRE UN PRODUIT NON TISSE DANS UN ENVIRONNEMENT NON INDUSTRIEL**  
[72] GILOH, TAMAR, GB  
[72] GILOH, EHUD, GB  
[72] MELAMED, REUVEN, IL  
[71] TAMICARE LTD., GB  
[85] 2015-09-10  
[86] 2014-03-14 (PCT/IB2014/001421)  
[87] (WO2014/167420)  
[30] US (61/788,370) 2013-03-15

[21] **2,905,171**  
[13] A1

[51] **Int.Cl. G06Q 40/00 (2012.01) G06Q 30/02 (2012.01)**  
[25] EN  
[54] **USED MOTOR VEHICLE PRICING SYSTEM**  
[54] **SYSTEME DE FIXATION DE PRIX POUR VEHICULES MOTORISES D'OCCASION**  
[72] LUTHER, JOE, US  
[72] LUTHER, BILL, US  
[72] ANTONY, PAUL, CA  
[72] RHODES, HOLDEN, CA  
[71] CARPROOF, CA  
[85] 2015-09-10  
[86] 2014-03-11 (PCT/IB2014/001610)  
[87] (WO2014/181193)  
[30] US (61/776,116) 2013-03-11

[21] **2,905,172**  
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 51/08 (2006.01) A61K 51/10 (2006.01) C07K 16/30 (2006.01)**  
[25] EN  
[54] **177-LU LABELED PEPTIDE FOR SITE-SPECIFIC UPAR-TARGETING**  
[54] **PEPTIDE MARQUE PAR 177-LU POUR LE CIBLAGE DE UPAR SPECIFIQUE D'UN SITE**  
[72] KJAER, ANDREAS, DK  
[72] PERSSON, MORTEN, DK  
[72] PLOUG, MICHAEL, DK  
[71] RIGSHOSPITALET, DK  
[85] 2015-09-10  
[86] 2013-05-03 (PCT/DK2013/050126)  
[87] (WO2013/167130)  
[30] DK (PA 2012 00321) 2012-05-08  
[30] US (61/644,059) 2012-05-08

[21] **2,905,173**  
[13] A1

[51] **Int.Cl. A01K 13/00 (2006.01) A01L 1/00 (2006.01) A01L 3/00 (2006.01) A01L 5/00 (2006.01)**  
[25] EN  
[54] **IMPROVED EQUINE HOOF BOOT**  
[54] **HIPPOSANDALE AMELIOREE**  
[72] MACDONALD, DAVID DUNCAN, AU  
[71] SCOOTBOOT PTY LTD, AU  
[85] 2015-09-10  
[86] 2014-03-13 (PCT/AU2014/000249)  
[87] (WO2014/138790)  
[30] AU (2013900903) 2013-03-15

[21] **2,905,175**  
[13] A1

[51] **Int.Cl. A01G 9/02 (2006.01) G06Q 30/06 (2012.01) G06Q 50/02 (2012.01) A01G 1/00 (2006.01) A01G 9/10 (2006.01) B65D 85/52 (2006.01)**  
[25] EN  
[54] **INSERT AND APPARATUS FOR TRANSPLANTING PLANTS**  
[54] **INSERT ET APPAREIL POUR TRANSPLANTER DES PLANTES**  
[72] VAN ROOIJEN, NICOLAAS, AU  
[71] GOLDFIELDS COLLECTIONS PTY LTD, AU  
[85] 2015-09-10  
[86] 2014-03-13 (PCT/AU2014/000253)  
[87] (WO2014/138794)  
[30] AU (2013900861) 2013-03-13

[21] **2,905,176**  
[13] A1

[51] **Int.Cl. A23J 1/14 (2006.01) A23J 3/14 (2006.01) A23J 3/28 (2006.01)**  
[25] EN  
[54] **PRODUCTION OF PULSE PROTEIN PRODUCT**  
[54] **PRODUCTION D'UN PRODUIT DE PROTEINES DE LEGUME SEC**  
[72] GREEN, BRENT E., CA  
[72] SCHWEIZER, MARTIN, CA  
[72] SAMPSON, RUSS, CA  
[71] BURCON NUTRASCIENCE (MB) CORP., CA  
[85] 2015-09-10  
[86] 2014-03-10 (PCT/CA2014/000197)  
[87] (WO2014/138875)  
[30] US (61/775,824) 2013-03-11

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[13] A1

[51] **Int.Cl. G01N 21/64 (2006.01) G01N 21/76 (2006.01)**  
[25] EN  
[54] **DEVICE AND ASSOCIATED METHODS FOR PERFORMING LUMINESCENCE AND FLUORESCENCE MEASUREMENTS OF A SAMPLE**  
[54] **DISPOSITIF ET PROCÉDES ASSOCIÉS DE RÉALISATION DE MESURES DE LUMINESCENCE ET DE FLUORESCENCE D'UN ÉCHANTILLON**  
[72] DIAMOND, RONALD NORMAN, US  
[72] GANN, STEVE MICHAEL, US  
[72] HALL, ERIC DARNELL, US  
[72] HWANG, TAE HO, US  
[72] MORTON, JOHN LEWIS, US  
[72] MOSKALEV, ANATOLY, US  
[72] RIEGER, DENNIS, US  
[72] SARGEANT, BRUCE ALAN, US  
[72] GOMBOSEV, MARINELA, US  
[72] VAN CLEVE, MARK DAVID, US  
[71] HYCOR BIOMEDICAL, INC., US  
[85] 2015-09-09  
[86] 2014-03-17 (PCT/US2014/030414)  
[87] (WO2014/145619)  
[30] US (61/791,295) 2013-03-15  
[30] US (61/797,879) 2013-03-15

[21] **2,905,179**  
[13] A1

[51] **Int.Cl. A01K 80/00 (2006.01)**  
[25] EN  
[54] **LOOPWORK ROPE FOR MUSSEL CULTURE**  
[54] **CORDE A BOUCLES DE MYTILICULTURE**  
[72] FRECHETTE, MARCEL, CA  
[71] R-D MYTIS LTD., CA  
[85] 2015-09-10  
[86] 2014-02-24 (PCT/CA2014/000129)  
[87] (WO2014/183190)  
[30] US (61/855,406) 2013-05-15

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[13] A1

[51] **Int.Cl. C12P 21/00 (2006.01) C12N 1/16 (2006.01) C12N 1/19 (2006.01)**  
[25] EN  
[54] **TEMPERATURE SHIFT FOR HIGH YIELD EXPRESSION OF POLYPEPTIDES IN YEAST AND OTHER TRANSFORMED CELLS**  
[54] **CHANGEMENT DE TEMPÉRATURE POUR AUGMENTER LE RENDEMENT DE L'EXPRESSION DE POLYPEPTIDES DANS LA LEVURE ET D'AUTRES CELLULES TRANSFORMÉES**  
[72] LESNICKI, GARY, US  
[72] MCNEILL, PATRICIA DIANNE, US  
[72] HARTNER, FRANZ, AT  
[72] YOUNG, MARK, US  
[71] ALDER BIOPHARMACEUTICALS, INC., US  
[85] 2015-09-09  
[86] 2014-03-17 (PCT/US2014/030453)  
[87] (WO2014/145650)  
[30] US (61/791,471) 2013-03-15  
[30] US (61/790,613) 2013-03-15

[21] **2,905,181**  
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **PYRROLOBENZODIAZEPINES AND CONJUGATES THEREOF**  
[54] **PYRROLOBENZODIAZEPINES ET LEURS CONJUGUES**  
[72] HOWARD, PHILIP WILSON, GB  
[71] MEDIMMUNE LIMITED, GB  
[85] 2015-09-10  
[86] 2014-03-13 (PCT/EP2014/054958)  
[87] (WO2014/140174)  
[30] US (61/778,752) 2013-03-13

[21] **2,905,182**  
[13] A1

[51] **Int.Cl. A61L 31/04 (2006.01)**  
[25] EN  
[54] **MATERIALS FOR GASTROINTESTINAL OBSTRUCTION PREVENTION**  
[54] **MATÉRIAUX POUR LA PRÉVENTION DE L'OBSTRUCTION GASTRO-INTESTINALE**  
[72] KOBAYASHI, SATORU, JP  
[72] URAOKA, TOSHIO, JP  
[72] YAHAGI, NAOHISA, JP  
[71] 3-D MATRIX, LTD., JP  
[85] 2015-09-10  
[86] 2014-03-13 (PCT/IB2014/059748)  
[87] (WO2014/141143)  
[30] US (61/785,582) 2013-03-14

[21] **2,905,184**  
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/39 (2006.01) C07K 14/71 (2006.01)**  
[25] EN  
[54] **HER2/NEU CANCER VACCINE**  
[54] **VACCIN ANTICANCÉREUX HER2/NEU**  
[72] SAVELYEVA, NATALIA, GB  
[72] JARCZOWSKI, FRANZISKA, DE  
[72] KANDZIA, ROMY, DE  
[72] NICKSTADT, ANJA, DE  
[72] THIEME, FRANK, DE  
[72] KLIMYUK, VICTOR, DE  
[72] GLEBA, YURI, DE  
[72] BUI-MINH, DUC, AT  
[72] STEVENSON, FRED A., GB  
[72] CHOTPRAKAIKIAT, WARAYUT, GB  
[71] ICON GENETICS GMBH, DE  
[71] UNIVERSITY OF SOUTHAMPTON, GB  
[85] 2015-09-10  
[86] 2014-03-11 (PCT/EP2014/000650)  
[87] (WO2014/139672)  
[30] EP (13001211.5) 2013-03-11

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[13] A1

[51] **Int.Cl. C08L 101/02 (2006.01) C08F 265/00 (2006.01) C08F 290/00 (2006.01) C08G 83/00 (2006.01) C08L 51/00 (2006.01)**

[25] EN

[54] **ASSOCIATIVE POLYMERS AND RELATED COMPOSITIONS, METHODS AND SYSTEMS**

[54] **POLYMERES ASSOCIATIFS ET COMPOSITIONS, PROCEDES ET SYSTEMES ASSOCIES**

[72] KORNFIELD, JULIA A., US

[72] WEI, MING-HSIN, US

[72] JONES, SIMON, US

[72] SAROHIA, VIRENDRA, US

[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US

[85] 2015-09-09

[86] 2014-03-17 (PCT/US2014/030772)

[87] (WO2014/145920)

[30] US (61/799,670) 2013-03-15

[21] **2,905,186**  
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) C07K 14/435 (2006.01) C07K 14/47 (2006.01)**

[25] EN

[54] **NOVEL BINDING PROTEINS FOR PCSK9**

[54] **NOUVELLES PROTEINES DE FIXATION POUR LA PCSK9**

[72] MATSCHINER, GABRIELE, DE

[72] ROTHE, CHRISTINE, DE

[72] HOHLBAUM, ANDREAS, BE

[72] BEL AIBA, RACHIDA SIHAM, DE

[72] HINNER, MARLON, DE

[72] ALLERSDORFER, ANDREA, DE

[72] LUNDE, BRADLEY, DE

[72] WIEDENMANN, ALEXANDER, DE

[72] YAMAGUCHI, SHINJI, JP

[72] ABURATANI, TAKAHIDE, JP

[72] HASHIMOTO, RYUJI, JP

[72] TAKAHASHI, TOHRU, JP

[72] NAGASAKI, CHIKAKO, JP

[72] NARA, FUTOSHI, JP

[72] NISHIZAWA, TOMOHIRO, JP

[71] DAIICHI SANKYO CO., LTD, JP

[85] 2015-09-10

[86] 2014-03-13 (PCT/EP2014/055013)

[87] (WO2014/140210)

[30] US (61/781,511) 2013-03-14

[30] EP (13175023.4) 2013-07-04

[21] **2,905,187**  
[13] A1

[51] **Int.Cl. A61K 31/198 (2006.01) A61K 9/16 (2006.01) A61P 1/04 (2006.01)**

[25] EN

[54] **ENCAPSULATED COMPOSITION FOR BINDING ALDEHYDES IN THE STOMACH**

[54] **COMPOSITION ENCAPSULEE POUR FIXATION A DES ALDEHYDES DANS L'ESTOMAC**

[72] SUOVANIEMI, OSMO, FI

[71] BIOHIT OYJ, FI

[85] 2015-09-10

[86] 2013-03-12 (PCT/FI2013/050275)

[87] (WO2014/140411)

[21] **2,905,188**  
[13] A1

[51] **Int.Cl. D04H 1/76 (2012.01) B01D 39/16 (2006.01)**

[25] EN

[54] **PROCESS FOR FORMING A THREE-DIMENSIONAL NON-WOVEN STRUCTURE**

[54] **PROCEDE POUR FORMER UNE STRUCTURE TRIDIMENSIONNELLE NON TISSEE**

[72] FU, YUCHENG, CA

[72] TROMBETTA, LIBERATORE A., CA

[71] 2266170 ONTARIO INC., CA

[85] 2015-09-10

[86] 2014-03-13 (PCT/CA2014/000226)

[87] (WO2014/138898)

[30] US (61/778,860) 2013-03-13

[21] **2,905,190**  
[13] A1

[51] **Int.Cl. F04B 13/00 (2006.01) F04B 53/14 (2006.01)**

[25] EN

[54] **LIQUID DISPENSING DEVICES AND METHODS OF CONTROLLING THE SAME**

[54] **DISPOSITIFS DE DISTRIBUTION DE LIQUIDE ET SES PROCEDES DE COMMANDE**

[72] FIESSER, FREDERICK HENRY, US

[72] CLARKE, ALLAN JAMES, US

[72] YANG, LISONG, GB

[72] BAIN, COLIN DAVID, GB

[72] KAPUR, NIKIL, GB

[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB

[85] 2015-09-10

[86] 2014-03-14 (PCT/IB2014/059828)

[87] (WO2014/141196)

[30] US (61/790,508) 2013-03-15

[21] **2,905,191**  
[13] A1

[51] **Int.Cl. E04B 1/26 (2006.01) E04B 1/348 (2006.01)**

[25] FR

[54] **MODULAR BUILDING SYSTEM**

[54] **SYSTEME DE CONSTRUCTION MODULAIRE**

[72] CLUS, OWEN, FR

[72] BUSCH, ALEXANDRE, FR

[71] SAS DHOMINO, FR

[85] 2015-09-10

[86] 2014-03-12 (PCT/FR2014/050562)

[87] (WO2014/140479)

[30] FR (FR 13 52195) 2013-03-12

[21] **2,905,193**  
[13] A1

[51] **Int.Cl. B61B 12/00 (2006.01) B61B 12/06 (2006.01)**

[25] FR

[54] **MECHANICAL ASCENSION VEHICLE AND INSTALLATION COMPRISING SAID VEHICLE**

[54] **VEHICULE DE REMONTEE MECANIQUE ET INSTALLATION COMPRENANT CE VEHICULE**

[72] CHEDAL BORNU, YVES, FR

[71] SOMMITAL, FR

[85] 2015-09-10

[86] 2014-03-14 (PCT/FR2014/050596)

[87] (WO2014/140501)

[30] FR (13/52254) 2013-03-14

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[21] **2,905,195**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**  
[25] EN  
[54] **PUMP SYSTEM FOR INDIVIDUALIZED HEALTHCARE USE**  
[54] **SYSTEME DE POMPE POUR UTILISATION DE SOINS DE SANTE INDIVIDUALISES**  
[72] SCHNEIDER, DENNIS I., US  
[71] BAXTER INTERNATIONAL INC., US  
[71] BAXTER HEALTHCARE SA, CH  
[85] 2015-09-10  
[86] 2014-02-17 (PCT/US2014/016664)  
[87] (WO2014/158434)  
[30] US (13/830,958) 2013-03-14

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[21] **2,905,196**  
[13] A1

[51] **Int.Cl. B21D 22/20 (2006.01)**  
[25] EN  
[54] **FORMED MATERIAL MANUFACTURING METHOD AND FORMED MATERIAL**  
[54] **PROCEDE DE FABRICATION D'UN MATERIAU MOULE ET MATERIAU MOULE**  
[72] NAKAMURA, NAOFUMI, JP  
[72] YAMAMOTO, YUDAL, JP  
[72] KUROBE, JUN, JP  
[71] NISSHIN STEEL CO., LTD., JP  
[85] 2015-09-18  
[86] 2014-05-14 (PCT/JP2014/062849)  
[87] (WO2015/141017)  
[30] JP (2014-057529) 2014-03-20

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[21] **2,905,197**  
[13] A1

[51] **Int.Cl. C25B 1/16 (2006.01) B01D 61/46 (2006.01) C25B 9/00 (2006.01)**  
[25] EN  
[54] **PROCESSES FOR PREPARING LITHIUM HYDROXIDE**  
[54] **PROCEDES POUR LA PREPARATION D'HYDROXYDE DE LITHIUM**  
[72] SYMONS, PETER, US  
[72] GENDERS, J. DAVID, US  
[72] BAR, DANIEL, US  
[72] LANGEVIN, MARIE-EVE, US  
[72] BOURASSA, GUY, CA  
[72] MAGNAN, JEAN-FRANCOIS, CA  
[72] PEARSE, GARY, CA  
[71] NEMASKA LITHIUM INC., CA  
[85] 2015-09-10  
[86] 2014-03-17 (PCT/CA2014/000264)  
[87] (WO2014/138933)  
[30] US (61/788,292) 2013-03-15

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[21] **2,905,198**  
[13] A1

[51] **Int.Cl. A61L 2/04 (2006.01) F28B 1/00 (2006.01) F28B 9/08 (2006.01)**  
[25] EN  
[54] **CONDENSATION ASSEMBLY & METHOD**  
[54] **ENSEMBLE ET PROCEDE DE CONDENSATION**  
[72] GAL, STELIAN-GABRIEL, CA  
[71] SCICAN LTD., CA  
[85] 2015-09-10  
[86] 2014-03-11 (PCT/CA2014/050211)  
[87] (WO2014/138969)  
[30] US (61/776,369) 2013-03-11

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[21] **2,905,200**  
[13] A1

[51] **Int.Cl. C08L 1/02 (2006.01) C08J 3/20 (2006.01) C08J 5/18 (2006.01) C08K 5/42 (2006.01)**  
[25] EN  
[54] **FLEXIBLE NANOCRYSTALLINE CELLULOSE (NCC) FILMS WITH TUNABLE OPTICAL AND MECHANICAL PROPERTIES**  
[54] **FILMS SOUPLES DE CELLULOSE NANOCRYSTALLINE (NCC) PRESENTANT DES PROPRIETES OPTIQUES ET MECANIQUES AJUSTABLES**  
[72] HAMAD, WADOOD YASSER, CA  
[72] ATIFI, SIHAM, CA  
[72] BERRY, RICHARD MICHAEL, CA  
[71] CELLUFORCE INC., CA  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/CA2014/050219)  
[87] (WO2014/138976)  
[30] US (61/777,203) 2013-03-12

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[21] **2,905,202**  
[13] A1

[51] **Int.Cl. A61B 5/0496 (2006.01) A61B 3/10 (2006.01) A61B 5/16 (2006.01) A61K 31/496 (2006.01)**  
[25] EN  
[54] **USE OF ELECTRORETINOGRAPHY (ERG) FOR THE ASSESSMENT OF PSYCHIATRIC DISORDERS**  
[54] **UTILISATION DE L'ELECTRORETINOGRAPHIE (ERG) POUR L'EVALUATION DE TROUBLES PSYCHIATRIQUES**  
[72] HEBERT, MARC, CA  
[72] MAZIADÉ, MICHEL, CA  
[72] MERETTE, CHANTAL, CA  
[71] UNIVERSITE LAVAL, CA  
[85] 2015-09-10  
[86] 2014-03-13 (PCT/CA2014/050233)  
[87] (WO2014/138987)  
[30] US (61/781,520) 2013-03-14

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[21] **2,905,203**  
[13] A1

[51] **Int.Cl. A61B 6/12 (2006.01) A61B 5/00 (2006.01) A61B 5/02 (2006.01) A61B 6/00 (2006.01) A61B 19/00 (2006.01) G06T 7/00 (2006.01)**  
[25] EN  
[54] **VASCULAR DATA PROCESSING AND IMAGE REGISTRATION SYSTEMS, METHODS, AND APPARATUS**  
[54] **SYSTEMES, PROCEDES ET APPAREILS DE TRAITEMENT DE DONNEES ET D'ENREGISTREMENT D'IMAGES VASCULAIRES**  
[72] DASCAL, LORINA, IL  
[72] WINKLER, ITAI, IL  
[72] COHEN, STAVIT, IL  
[72] COHEN, AMIT, IL  
[72] ADLER, DESMOND, US  
[71] LIGHTLAB IMAGING, INC., US  
[85] 2015-09-10  
[86] 2013-03-12 (PCT/US2013/030623)  
[87] (WO2014/175853)

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[13] A1

[51] **Int.Cl. B01L 3/00 (2006.01) B01L 9/06 (2006.01)**  
[25] EN  
[54] **PROCESS TUBE AND CARRIER TRAY**  
[54] **TUBE DE TRAITEMENT ET PLATEAU DE TRANSPORT**  
[72] BAUM, MICHAEL J., US  
[72] POHL, BRENT, US  
[72] BELSINGER, ED, US  
[71] BECTON, DICKINSON AND COMPANY, US  
[85] 2015-09-10  
[86] 2013-03-15 (PCT/US2013/032556)  
[87] (WO2014/143044)

[21] **2,905,206**  
[13] A1

[51] **Int.Cl. G06Q 30/06 (2012.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR RECOMMENDING MERCHANTS**  
[54] **SYSTEMES ET PROCEDES POUR RECOMMANDER DES COMMERCANTS**  
[72] MERZ, CHRISTOPHER J., US  
[72] LO FARO, WALTER, US  
[72] HOSP, ADAM K., US  
[72] STOCKE, MATTHEW RICHARD, US  
[72] HENDRIX, STEPHEN P., US  
[72] GROTHE, ROBERT T., JR., US  
[71] MASTERCARD INTERNATIONAL INCORPORATED, US  
[85] 2015-09-10  
[86] 2013-12-26 (PCT/US2013/077843)  
[87] (WO2014/143352)  
[30] US (13/797,400) 2013-03-12

[21] **2,905,207**  
[13] A1

[51] **Int.Cl. A61M 5/20 (2006.01) A61J 1/20 (2006.01) A61M 5/24 (2006.01)**  
[25] EN  
[54] **PORTABLE DRUG MIXING AND DELIVERY SYSTEM AND METHOD**  
[54] **SYSTEME PORTABLE DE MELANGE ET DE DELIVRANCE D'UN MEDICAMENT ET PROCEDE ASSOCIE**  
[72] BUCHINE, BRENT, US  
[72] STEPANIAN, CHRISTOPHER, US  
[72] STANDLEY, ADAM, US  
[71] WINDGAP MEDICAL, INC., US  
[85] 2015-09-09  
[86] 2014-03-18 (PCT/US2014/030938)  
[87] (WO2014/146060)  
[30] US (61/800,014) 2013-03-15  
[30] US (61/917,943) 2013-12-19

[21] **2,905,208**  
[13] A1

[51] **Int.Cl. C08L 29/04 (2006.01) C08K 3/16 (2006.01) C08K 5/098 (2006.01)**  
[25] EN  
[54] **WATER-SOLUBLE POLYMER AND POLYMER INTERNAL LUBRICANT**  
[54] **POLYMERE SOLUBLE DANS L'EAU ET LUBRIFIANT INTERNE DE POLYMERE**  
[72] MORRIS, PETER, GB  
[71] PETER MORRIS RESEARCH AND DEVELOPMENT LIMITED, GB  
[85] 2015-09-10  
[86] 2014-03-18 (PCT/GB2014/050846)  
[87] (WO2014/155059)  
[30] GB (1305380.6) 2013-03-25

[21] **2,905,209**  
[13] A1

[51] **Int.Cl. B01J 31/22 (2006.01) B01J 31/14 (2006.01) B01J 31/18 (2006.01) C07C 6/04 (2006.01) C08G 61/08 (2006.01)**  
[25] EN  
[54] **METATHESIS CATALYSTS AND REACTIONS USING THE CATALYSTS**  
[54] **CATALYSEURS DE METATHESE ET REACTIONS UTILISANT LES CATALYSEURS**  
[72] ONDI, LEVENTE, CH  
[72] VARGA, JENO, HU  
[72] BUCSAI, AGOTA, CH  
[72] TOTH, FLORIAN, CH  
[72] LORINCZ, KRISZTIAN, CH  
[72] HEGEDUS, CSABA, CH  
[72] ROBE, EMMANUEL, CH  
[72] FRATER, GEORG, CH  
[72] ROBE, EMMANUEL, CH  
[72] FRATER, GEOG, CH  
[71] XIMO AG, CH  
[85] 2015-09-10  
[86] 2014-03-13 (PCT/EP2014/000671)  
[87] (WO2014/139679)  
[30] EP (13 001 297.4) 2013-03-14  
[30] US (61/781,120) 2013-03-14

[21] **2,905,210**  
[13] A1

[51] **Int.Cl. F01D 5/28 (2006.01) B22F 5/10 (2006.01) B28B 1/42 (2006.01) B28B 21/48 (2006.01) C04B 35/573 (2006.01) C04B 35/80 (2006.01) C04B 37/02 (2006.01) C04B 41/53 (2006.01)**  
[25] EN  
[54] **METHOD FOR MAKING GAS TURBINE ENGINE COMPOSITE STRUCTURE**  
[54] **PROCEDE DE FABRICATION DE STRUCTURE COMPOSITE DE MOTEUR A TURBINE A GAZ**  
[72] CHAMBERLAIN, ADAM LEE, US  
[72] LAZUR, ANDREW, US  
[71] ROLLS-ROYCE CORPORATION, US  
[85] 2015-09-10  
[86] 2013-12-30 (PCT/US2013/078210)  
[87] (WO2014/163703)  
[30] US (61/780,952) 2013-03-13

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[21] **2,905,211**  
[13] A1

[51] **Int.Cl. G01N 27/407 (2006.01) F23N 1/00 (2006.01) F23N 3/00 (2006.01) F23N 5/00 (2006.01) G08C 19/00 (2006.01)**

[25] EN

[54] **IN SITU FLUE GAS ANALYZER WITH IMPROVED PROCESS COMMUNICATION**

[54] **ANALYSEUR DE GAZ DE CARNEAU IN SITU AYANT UNE COMMUNICATION DE PROCESSUS AMELIOREE**

[72] NEMER, JOSEPH C., US

[72] REZVANI, BEHZAD, US

[72] WEY, ANNI S., US

[72] KRAMER, JAMES D., US

[71] ROSEMOUNT ANALYTICAL INC., US

[85] 2015-09-09

[86] 2014-03-28 (PCT/US2014/032181)

[87] (WO2014/160944)

[30] US (61/806,621) 2013-03-29

[30] US (14/227,476) 2014-03-27

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[21] **2,905,212**  
[13] A1

[51] **Int.Cl. A61M 5/34 (2006.01)**

[25] EN

[54] **ATTACHMENT FOR A SYRINGE, CARPULE OR THE LIKE**

[54] **EMBOUT POUR UNE SERINGUE, CARPULE OU ANALOGUE**

[72] ZENKER, JOCHEN, DE

[71] VETTER PHARMA-FERTIGUNG GMBH & CO. KG, DE

[85] 2015-09-10

[86] 2014-03-04 (PCT/EP2014/054142)

[87] (WO2014/139832)

[30] DE (10 2013 204 134.9) 2013-03-11

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[21] **2,905,213**  
[13] A1

[51] **Int.Cl. H04L 5/00 (2006.01) H04L 27/26 (2006.01)**

[25] EN

[54] **TRANSMITTER AND METHOD OF TRANSMITTING PAYLOAD DATA, RECEIVER AND METHOD OF RECEIVING PAYLOAD DATA IN AN OFDM SYSTEM**

[54] **EMETTEUR ET PROCEDE D'EMISSION DE DONNEES DE CHARGE UTILE, RECEPTEUR ET PROCEDE DE RECEPTION DE DONNEES DE CHARGE UTILE DANS UN SYSTEME A MROF**

[72] ATUNGSIRI, SAMUEL ASANGBENG, GB

[71] SONY CORPORATION, JP

[85] 2015-09-10

[86] 2014-03-20 (PCT/GB2014/050869)

[87] (WO2014/155064)

[30] GB (1305805.2) 2013-03-28

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[21] **2,905,215**  
[13] A1

[51] **Int.Cl. A61M 5/00 (2006.01) A61M 15/00 (2006.01)**

[25] EN

[54] **DISPENSER**

[54] **DISTRIBUTEUR**

[72] DUIGNAN, CATHAL, IE

[72] MCDERMONT, IAIN GRIERSON, GB

[72] PRIOR, PETER, IE

[71] EURO-CELTIQUE S.A., LU

[85] 2015-09-10

[86] 2014-03-10 (PCT/EP2014/054523)

[87] (WO2014/139912)

[30] GB (1304784.0) 2013-03-15

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[21] **2,905,216**  
[13] A1

[51] **Int.Cl. H04L 5/00 (2006.01) H04L 27/26 (2006.01)**

[25] EN

[54] **TRANSMITTER AND METHOD OF TRANSMITTING PAYLOAD DATA, RECEIVER AND METHOD OF RECEIVING PAYLOAD DATA IN AN OFDM SYSTEM**

[54] **EMETTEUR ET PROCEDE D'EMISSION DE DONNEES DE CHARGE UTILE, RECEPTEUR ET PROCEDE DE RECEPTION DE DONNEES DE CHARGE UTILE DANS UN SYSTEME A MROF**

[72] ATUNGSIRI, SAMUEL ASANGBENG, GB

[72] ZOELLNER, JAN, DE

[71] SONY CORPORATION, JP

[85] 2015-09-10

[86] 2014-03-26 (PCT/GB2014/050954)

[87] (WO2014/155104)

[30] GB (1305795.5) 2013-03-28

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[21] **2,905,217**  
[13] A1

[51] **Int.Cl. A47J 31/46 (2006.01) A47J 31/10 (2006.01) A47J 31/44 (2006.01)**

[25] EN

[54] **CAPSULE MACHINE AND COMPONENTS**

[54] **MACHINE A DOSETTES ET COMPOSANTS**

[72] HANNESON, SCOTT JEFFREY, CA

[72] PFEIFER, THOMAS JOSEPH, US

[71] 2266170 ONTARIO INC., CA

[85] 2015-09-24

[86] 2014-04-03 (PCT/CA2014/050332)

[87] (WO2014/161089)

[30] US (61/807,887) 2013-04-03

[30] US (61/928,446) 2014-01-17

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[21] **2,905,218**  
[13] A1

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

[25] EN

[54] **ENHANCED OIL PRODUCTION USING CONTROL OF WELL CASING GAS PRESSURE**

[54] **PRODUCTION AMELIOREE DE PETROLE A L'AIDE D'UNE COMMANDE DE LA PRESSION DE GAZ DU CUVELAGE DE PUIITS**

[72] MCCRICKARD, JAMES P., US  
[72] PETERSON, RONALD G., US  
[72] BECK, THOMAS L., US  
[72] DRY, MICHAEL D., US  
[72] SMIGURA, THERESA, US  
[71] UNICO, INC., US  
[85] 2015-09-10  
[86] 2014-03-07 (PCT/US2014/021828)  
[87] (WO2014/159068)  
[30] US (61/783,423) 2013-03-14  
[30] US (13/923,452) 2013-06-21

[21] **2,905,219**  
[13] A1

[51] **Int.Cl. D06M 13/513 (2006.01) D06M 15/643 (2006.01)**

[25] EN

[54] **METHOD AND COMPOSITION OBTAINING WATER-REPELLENT AND OR WATER SOLUBLE DIRT REPELLENT TEXTILES**

[54] **PROCEDE ET COMPOSITION PERMETTANT D'OBTENIR DES TISSUS HYDROPHOBES ET/OU REPOUSSANT LA POUSSIERE HYDROSOLUBLE**

[72] AYDIN, JUHANES, SE  
[71] ORGANOCLICK AB, SE  
[85] 2015-09-10  
[86] 2014-03-10 (PCT/EP2014/054552)  
[87] (WO2014/139931)  
[30] SE (1350303-2) 2013-03-13

[21] **2,905,220**  
[13] A1

[51] **Int.Cl. B60G 11/26 (2006.01) B60G 17/00 (2006.01) F16F 5/00 (2006.01) F16F 9/04 (2006.01) F16F 9/43 (2006.01)**

[25] EN

[54] **VEHICLE SUSPENSION SYSTEM WITH RESERVOIR FOR AIR SPRING DAMPING**

[54] **SYSTEME DE SUSPENSION DE VEHICULE DOTE D'UN RESERVOIR POUR UN AMORTISSEMENT PAR RESSORT PNEUMATIQUE**

[72] FULTON, R. SCOTT, US  
[72] RAMSEY, JOHN E., US  
[72] CARR, KIMM L., US  
[72] MUCKELRATH, BRETT L., US  
[72] LONG, THOMAS J., US  
[72] BREWER, WILLIAM W., US  
[72] DELORENZIS, DAMON, US  
[72] WESTNEDGE, ANDREW, US  
[71] HENDRICKSON USA, L.L.C., US  
[71] WATSON & CHALIN MANUFACTURING, INC., US  
[85] 2015-09-09  
[86] 2014-04-01 (PCT/US2014/032452)  
[87] (WO2014/165466)  
[30] US (13/855,788) 2013-04-03

[21] **2,905,221**  
[13] A1

[51] **Int.Cl. G01N 33/66 (2006.01) A61B 5/145 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **SYSTEM AND METHODS FOR ANALYZING BLOOD GLUCOSE DATA AND QUANTIFYING THE SUCCESS FOR FAILURE OF INSULIN THERAPY**

[54] **SYSTEME ET PROCEDES POUR ANALYSER DES DONNEES DE GLYCEMIE ET QUANTIFIER LA REUSSITE OU L'ECHEC D'UNE INSULINOTHERAPIE**

[72] REES, CHRISTEN A., US  
[72] WAGNER, ROBIN, US  
[72] WEGMANN, NATHAN, US  
[71] F. HOFFMANN-LAROCHE AG, CH  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/EP2014/054771)  
[87] (WO2014/140066)  
[30] US (13/803,770) 2013-03-14

[21] **2,905,222**  
[13] A1

[51] **Int.Cl. A61K 36/00 (2006.01) A61K 31/715 (2006.01) A61K 38/00 (2006.01)**

[25] EN

[54] **METHODS FOR DETERMINING ACTIVE INGREDIENTS OF AN HERBAL MEDICINE, SOURCES OF AND CATALYTIC PATHWAYS FOR PRODUCTION THEREOF**

[54] **METHODES DE DETERMINATION DES PRINCIPES ACTIFS D'UN MEDICAMENT A BASE DE PLANTE, SOURCES ET VOIES CATALYTIQUES DE PRODUCTION DE CES PRINCIPES ACTIFS**

[72] ZHANG, ZONGCHAO, US  
[71] ZHANG, ZONGCHAO, US  
[85] 2015-09-10  
[86] 2014-03-07 (PCT/US2014/021885)  
[87] (WO2014/159080)  
[30] US (61/784,112) 2013-03-14

[21] **2,905,223**  
[13] A1

[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) A61P 11/00 (2006.01) C07K 16/24 (2006.01) C12N 15/13 (2006.01)**

[25] EN

[54] **ANTI-IL-4 ANTIBODIES AND BISPECIFIC ANTIBODIES AND USES THEREOF**

[54] **ANTICORPS ANTI-IL-4 ET ANTICORPS BISPECIFIQUES ET LEURS UTILISATIONS**

[72] YANSURA, DANIEL G., US  
[72] CHIANG, NANCY Y., US  
[72] DENNIS, MARK S., US  
[72] DILLON, MICHAEL, US  
[72] FUH, GERMAINE G., US  
[72] NAKAMURA, GERALD R., US  
[72] SPIESS, CHRISTOPH, US  
[72] WU, LAWREN C., US  
[72] ZHANG, YIN, US  
[71] GENENTECH, INC., US  
[85] 2015-09-09  
[86] 2014-04-04 (PCT/US2014/032998)  
[87] (WO2014/165771)  
[30] US (61/808,748) 2013-04-05

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[21] **2,905,224**  
[13] A1

[51] **Int.Cl. C08G 18/48 (2006.01) B29C 73/02 (2006.01) C08G 18/08 (2006.01) C08G 18/10 (2006.01) C08K 5/00 (2006.01)**

[25] EN

[54] **REPAIR LIQUID FOR CONVEYOR BELTS**

[54] **LIQUIDE DE REPARATION POUR BANDES TRANSPORTEUSES**

[72] MUNOZ, HECTOR, CL  
[72] GALLEGOS, PEDRO, CL  
[72] HAACK, THOMAS, CL  
[71] SIKA TECHNOLOGY AG, CH  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/EP2014/054850)  
[87] (WO2014/140106)  
[30] EP (13159610.8) 2013-03-15

[21] **2,905,225**  
[13] A1

[51] **Int.Cl. C07C 67/03 (2006.01) C07C 29/147 (2006.01) C07C 31/20 (2006.01) C07C 69/675 (2006.01) C12P 7/62 (2006.01)**

[25] EN

[54] **PROCESS FOR PRODUCING (R)-3-HYDROXYBUTYL (R)-3-HYDROXYBUTYRATE**

[54] **PROCEDE DE PRODUCTION DE (R)-3-HYDROXYBUTYRATE DE (R)-3-HYDROXYBUTYLE**

[72] CLARKE, KIERAN, GB  
[72] VEECH, RICHARD, US  
[72] KING, TODD, US  
[71] ISIS INNOVATION LTD, GB  
[71] GOVERNMENT OF THE USA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US  
[85] 2015-09-10  
[86] 2014-03-14 (PCT/EP2014/055156)  
[87] (WO2014/140308)  
[30] US (61/783,167) 2013-03-14

[21] **2,905,226**  
[13] A1

[51] **Int.Cl. G08G 1/14 (2006.01)**

[25] EN

[54] **METHOD FOR DISPLAYING PARKING SPACES**

[54] **PROCEDE POUR AFFICHER DES PLACES DE STATIONNEMENT**

[72] HOHENACKER, THOMAS, DE  
[71] CLEVERCITI SYSTEMS GMBH, DE  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/EP2014/054856)  
[87] (WO2014/140109)  
[30] DE (10 2013 004 493.6) 2013-03-14

[21] **2,905,227**  
[13] A1

[51] **Int.Cl. A61M 1/16 (2006.01)**

[25] EN

[54] **HEMODIALYSIS AND PERITONEAL DIALYSIS SYSTEMS HAVING ELECTRODIALYSIS AND ELECTRODEIONIZATION CAPABILITIES**

[54] **SYSTEMES D'HEMODIALYSE ET DE DIALYSE PERITONEALE A CAPACITES D'ELECTRODIALYSE ET D'ELECTRODESIONISATION**

[72] LIN, RONGSHENG, US  
[72] DING, YUANPANG SAMUEL, US  
[72] WHITE, JAMES M., US  
[72] CHEN, YE, US  
[72] LO, YING-CHENG, US  
[72] MILLER, JOSHUA, US  
[72] ROHDE, JUSTIN, US  
[71] BAXTER INTERNATIONAL INC., US  
[71] BAXTER HEALTHCARE SA, CH  
[85] 2015-09-10  
[86] 2014-02-14 (PCT/US2014/016376)  
[87] (WO2014/158418)  
[30] US (13/796,799) 2013-03-12

[21] **2,905,228**  
[13] A1

[51] **Int.Cl. E21B 43/30 (2006.01) G06Q 10/06 (2012.01) E21B 47/00 (2012.01) E21B 43/24 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR ADJUSTING EXISTING WELL PLANS**

[54] **SYSTEMES ET PROCEDES DESTINES A AJUSTER DES PLANS DE Puits EXISTANTS**

[72] COLVIN, RICHARD DANIEL, US  
[72] PRATT, DEWAYNE EDWARD, US  
[71] LANDMARK GRAPHICS CORPORATION, US  
[85] 2015-09-17  
[86] 2013-04-22 (PCT/US2013/037627)  
[87] (WO2014/175858)

[21] **2,905,229**  
[13] A1

[51] **Int.Cl. C12N 15/88 (2006.01) C12N 15/09 (2006.01) C12N 15/63 (2006.01)**

[25] EN

[54] **PROTEIN ENRICHED MICROVESICLES AND METHODS OF MAKING AND USING THE SAME**

[54] **MICROVESICULES ENRICHIES EN PROTEINES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**

[72] HAUGWITZ, MICHAEL, US  
[72] QUINN, THOMAS PATRICK, US  
[72] FARMER, ANDREW ALAN, US  
[72] MORELL FERNANDEZ, MONTSERRAT, US  
[71] CLONTECH LABORATORIES, INC., US  
[85] 2015-09-09  
[86] 2014-05-15 (PCT/US2014/038161)  
[87] (WO2014/200659)  
[30] US (61/833,880) 2013-06-11  
[30] US (61/872,115) 2013-08-30

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[21] **2,905,230**  
[13] A1

[51] **Int.Cl. A61B 19/00 (2006.01) A61B 17/56 (2006.01) A61B 5/00 (2006.01)**  
[25] EN  
[54] **PLANNING SYSTEMS AND METHODS FOR SURGICAL CORRECTION OF ABNORMAL BONES**  
[54] **SYSTEMES ET PROCEDES DE PLANIFICATION POUR CORRECTION CHIRURGICALE D'OS ANORMAUX**  
[72] JARAMAZ, BRANISLAV, US  
[72] NIKOU, CONSTANTINOS, US  
[71] BLUE BELT TECHNOLOGIES, INC., US  
[85] 2015-09-10  
[86] 2014-03-07 (PCT/US2014/021888)  
[87] (WO2014/159082)  
[30] US (61/779,805) 2013-03-13

[21] **2,905,231**  
[13] A1

[51] **Int.Cl. A01N 43/56 (2006.01) A01P 3/00 (2006.01) A01P 21/00 (2006.01)**  
[25] EN  
[54] **LAWN GROWTH-PROMOTING AGENT AND METHOD OF USING SAME**  
[54] **AGENT FAVORISANT LA CROISSANCE DE GAZON ET SON PROCEDE D'UTILISATION**  
[72] OHTAKE, HIROHISA, JP  
[72] NAKAMURA, SHIN, JP  
[72] YAMAMOTO, HIDEKI, JP  
[71] BAYER CROPSCIENCE AG, DE  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/EP2014/054858)  
[87] (WO2014/140111)  
[30] JP (PCT/JP2013/049975) 2013-03-13

[21] **2,905,232**  
[13] A1

[51] **Int.Cl. A24B 15/24 (2006.01)**  
[25] EN  
[54] **METHODS FOR REDUCING ONE OR MORE TOBACCO SPECIFIC NITROSAMINES IN TOBACCO MATERIAL**  
[54] **PROCEDES DE REDUCTION D'UNE OU PLUSIEURS NITROSAMINES SPECIFIQUES DU TABAC DANS UNE MATIERE DE TABAC**  
[72] LANG, GERHARD, CH  
[72] GUNDUZ, IRFAN, CH  
[72] VUARNOZ-BIZE, ALINE, CH  
[71] PHILIP MORRIS PRODUCTS S.A., CH  
[85] 2015-09-10  
[86] 2014-03-14 (PCT/EP2014/055209)  
[87] (WO2014/140346)  
[30] EP (13159620.7) 2013-03-15

[21] **2,905,233**  
[13] A1

[51] **Int.Cl. B64D 31/00 (2006.01) F02C 7/32 (2006.01) F02C 9/00 (2006.01)**  
[25] EN  
[54] **INTELLIGENT INTEGRATED PROPULSION CONTROL SYSTEM AND METHOD**  
[54] **PROCEDE ET SYSTEME DE COMMANDE DE PROPULSION INTEGREE INTELLIGENTE**  
[72] BURNS, DONALD W., US  
[72] ZELLER, ROBERT J., US  
[71] ROLLS-ROYCE CORPORATION, US  
[85] 2015-09-10  
[86] 2013-11-18 (PCT/US2013/070511)  
[87] (WO2014/158238)  
[30] US (61/786,101) 2013-03-14

[21] **2,905,234**  
[13] A1

[51] **Int.Cl. H02M 1/12 (2006.01) H02J 3/01 (2006.01) H02J 3/18 (2006.01) H02J 3/36 (2006.01) H02M 1/00 (2007.10) H02M 1/15 (2006.01) H02M 7/757 (2006.01)**  
[25] EN  
[54] **HIGH VOLTAGE DIRECT CURRENT (HVDC) CONVERTER SYSTEM AND METHOD OF OPERATING THE SAME**  
[54] **SYSTEME CONVERTISSEUR DE COURANT CONTINU A HAUTE TENSION (CCHT) ET SON PROCEDE DE FONCTIONNEMENT**  
[72] GUPTA, RANJAN KUMAR, US  
[72] CHAUNDHURI, NILANJAN RAY, US  
[72] GARCES, LUIS JOSE, US  
[72] DATTA, RAJIB, US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2015-09-10  
[86] 2014-02-21 (PCT/US2014/017587)  
[87] (WO2014/158514)  
[30] US (13/826,583) 2013-03-14

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[21] **2,905,235**  
[13] A1

[51] **Int.Cl. E21B 44/00 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR DAMPING VIBRATIONS IN A TOOL STRING SYSTEM**  
[54] **PROCEDE ET SYSTEME POUR AMORTIR DES VIBRATIONS DANS UN SYSTEME DE TRAIN DE TIGES D'OUTIL**  
[72] DWARS, SICCO, NL  
[72] RUNIA, DOUWE JOHANNES, NL  
[72] STULEMEIJER, IVO PETRUS JOZEF MARIA, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2015-09-10  
[86] 2014-03-19 (PCT/EP2014/055494)  
[87] (WO2014/147118)  
[30] EP (13160308.6) 2013-03-21  
[30] EP (13179337.4) 2013-08-06

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[13] A1

[51] **Int.Cl. A61K 31/198 (2006.01) A61K 9/16 (2006.01) A61P 1/04 (2006.01)**  
[25] EN  
[54] **COMPOSITION FOR ORAL ADMINISTRATION FOR BINDING ALDEHYDES IN THE GASTROINTESTINAL TRACT**  
[54] **COMPOSITION POUR ADMINISTRATION ORALE POUR FIXATION A DES ALDEHYDES DANS LE TRACTUS GASTRO-INTESTINAL**  
[72] SUOVANIEMI, OSMO, FI  
[71] BIOHIT OYJ, FI  
[85] 2015-09-10  
[86] 2013-03-12 (PCT/FI2013/050274)  
[87] (WO2014/140410)

[21] **2,905,237**  
[13] A1

[51] **Int.Cl. C07K 5/083 (2006.01) A61K 38/06 (2006.01) A61P 3/06 (2006.01) C07K 5/027 (2006.01) C07K 5/08 (2006.01)**  
[25] EN  
[54] **SMALL MOLECULE MODULATORS OF PCSK9 AND METHODS OF USE THEREOF**  
[54] **MODULATEURS A PETITES MOLECULES DE PCSK9 ET LEURS PROCEDES D'UTILISATION**  
[72] GUAY, DANIEL, CA  
[72] CRANE, SHELDON, CA  
[72] LACHANCE, NICOLAS, CA  
[72] CHIASSON, JEAN-FRANCOIS, CA  
[72] TRUONG, VOUY LINH, CA  
[72] LACOMBE, PATRICK, CA  
[72] SKOREY, KATHRYN, CA  
[72] SEIDAH, NABIL G., CA  
[71] ADAERATA, LIMITED PARTNERSHIP, CA  
[71] AMORCHEM HOLDINGS INC., CA  
[85] 2015-09-10  
[86] 2014-03-14 (PCT/CA2014/050255)  
[87] (WO2014/139008)  
[30] US (61/792,249) 2013-03-15

[21] **2,905,238**  
[13] A1

[51] **Int.Cl. A61F 2/38 (2006.01)**  
[25] EN  
[54] **PROSTHETIC KNEE IMPLANT**  
[54] **IMPLANT DE GENOU PROTHETIQUE**  
[72] TODD, DWIGHT, US  
[72] STOLLER, ALEX, US  
[72] BOBBA, ARAVINDA, US  
[72] KUMAR, HARISH, US  
[71] ZIMMER, INC., US  
[85] 2015-09-10  
[86] 2014-03-07 (PCT/US2014/021955)  
[87] (WO2014/150038)  
[30] US (61/784,521) 2013-03-14

[21] **2,905,239**  
[13] A1

[51] **Int.Cl. D21C 3/02 (2006.01) D21C 3/06 (2006.01) D21C 3/14 (2006.01) D21C 5/00 (2006.01) D21C 11/00 (2006.01)**  
[25] EN  
[54] **TREATMENT**  
[54] **TRAITEMENT**  
[72] HALLETT, JASON P., GB  
[72] WELTON, TOM, GB  
[72] BRANDT, AGNIESZKA, GB  
[71] IMPERIAL INNOVATIONS LIMITED, GB  
[85] 2015-09-10  
[86] 2014-03-14 (PCT/GB2014/050824)  
[87] (WO2014/140643)  
[30] GB (1304872.3) 2013-03-15

[21] **2,905,240**  
[13] A1

[51] **Int.Cl. C07D 501/24 (2006.01) A61K 31/546 (2006.01) A61P 31/00 (2006.01)**  
[25] EN  
[54] **DERIVATIZED 3-STYRYL-CEPHALOSPORINS**  
[54] **3-STYRYL-CEPHALOSPORINES DERIVEES**  
[72] SUTTON, LARRY D., US  
[72] YU, SOPHIA, US  
[71] GLADIUS PHARMACEUTICALS COPORATION, CA  
[85] 2015-09-09  
[86] 2014-03-12 (PCT/US2014/024503)  
[87] (WO2014/165126)  
[30] US (61/778,378) 2013-03-12

[21] **2,905,241**  
[13] A1

[51] **Int.Cl. F02C 3/30 (2006.01) F01D 19/00 (2006.01) F01D 25/00 (2006.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR OPERATING A GAS TURBINE ENGINE**  
[54] **PROCEDES ET SYSTEMES DE FONCTIONNEMENT D'UNE TURBINE A GAZ**  
[72] ARGO, PETER H., US  
[72] RONAN, THOMAS J., US  
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US  
[71] ROLLS-ROYCE CORPORATION, US  
[85] 2015-09-10  
[86] 2013-12-04 (PCT/US2013/073186)  
[87] (WO2014/149088)  
[30] US (61/801,868) 2013-03-15

[21] **2,905,242**  
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4439 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **INDOLE COMPOUNDS THAT ACTIVATE AMPK**  
[54] **COMPOSES INDOLIQUES ACTIVANT L'AMPK**  
[72] BHATTACHARYA, SAMIT KUMAR, US  
[72] CAMERON, KIMBERLY O'KEEFE, US  
[72] DOWLING, MATTHEW SCOTT, US  
[72] EBNER, DAVID CHRISTOPHER, US  
[72] EDMONDS, DAVID JAMES, US  
[72] FERNANDO, DILINIE PRASADHINI, US  
[72] FILIPSKI, KEVIN JAMES, US  
[72] KUNG, DANIEL WEI-SHUNG, US  
[72] LEE, ESTHER CHENG YIN, US  
[72] SMITH, AARON CHRISTOPHER, US  
[72] TU, MEIHUA MIKE, US  
[71] PFIZER INC., US  
[85] 2015-09-10  
[86] 2013-09-24 (PCT/IB2013/058819)  
[87] (WO2014/140704)  
[30] US (13/831,588) 2013-03-15  
[30] IB (PCT/IB2013/052604) 2013-04-01

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[13] A1

[51] **Int.Cl. C12N 5/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND SUBSTANCES FOR CRYOPRESERVATION OF VIABLE CELLS**  
[54] **SYSTEMES ET SUBSTANCES POUR LA CRYOCONSERVATION DE CELLULES VIABLES**  
[72] HERICKHOFF, JAMES A., US  
[72] BURNS, PATRICK D., US  
[72] WHITE, NICOLE R., US  
[72] HERICKHOFF, LISA A., US  
[71] MEMBRANE PROTECTIVE TECHNOLOGIES, INC., US  
[85] 2015-09-10  
[86] 2013-03-11 (PCT/US2013/030222)  
[87] (WO2013/138239)  
[30] US (61/685,224) 2012-03-14

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[13] A1

[51] **Int.Cl. G01N 21/01 (2006.01) G01V 8/02 (2006.01) G06E 3/00 (2006.01)**  
[25] EN  
[54] **MICROFLUIDIC OPTICAL COMPUTING DEVICE**  
[54] **DISPOSITIF DE CALCUL OPTIQUE MICROFLUIDIQUE**  
[72] PERKINS, DAVID L., US  
[72] JONES, CHRISTOPHER MICHAEL, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2015-09-10  
[86] 2013-12-06 (PCT/US2013/073635)  
[87] (WO2014/171976)  
[30] US (PCT/US2013/037227) 2013-04-18

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[13] A1

[51] **Int.Cl. H02G 15/18 (2006.01) H02G 15/013 (2006.01) H02G 15/184 (2006.01)**  
[25] EN  
[54] **COVER ASSEMBLIES AND METHODS FOR COVERING ELECTRICAL CABLES AND CONNECTIONS**  
[54] **ENSEMBLES ENVELOPPE ET PROCEDES POUR RECOUVRIR DES CABLES ET DES CONNEXIONS ELECTRIQUES**  
[72] YAWORSKI, HARRY GEORGE, US  
[71] TYCO ELECTRONICS CORPORATION, US  
[85] 2015-09-10  
[86] 2014-03-10 (PCT/US2014/022608)  
[87] (WO2014/159228)  
[30] US (13/827,291) 2013-03-14

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[13] A1

[51] **Int.Cl. F21K 99/00 (2010.01) F21V 7/00 (2006.01)**  
[25] EN  
[54] **OPTICAL SYSTEM FOR A DIRECTIONAL LAMP**  
[54] **SYSTEME OPTIQUE POUR LAMPE DIRECTIONNELLE**  
[72] ANDERSON, DAVID CHRISTOPHER, US  
[72] DENG, LEI, US  
[72] CAI, DENGKE, US  
[72] YODER, BENJAMIN LEE, US  
[71] GE LIGHTING SOLUTIONS, LLC, US  
[85] 2015-09-10  
[86] 2014-02-21 (PCT/US2014/017622)  
[87] (WO2014/143524)  
[30] US (13/802,987) 2013-03-14

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[13] A1

[51] **Int.Cl. A61K 31/453 (2006.01) A61K 9/10 (2006.01) A61K 9/107 (2006.01) A61P 27/02 (2006.01)**  
[25] EN  
[54] **THERAPEUTIC AGENT FOR MEIBOMIAN DYSFUNCTION**  
[54] **AGENTS THERAPEUTIQUES POUR UN DYSFONCTIONNEMENT MEIBOMIEN**  
[72] MIYAKE, HIDEKI, JP  
[72] ODA, TOMOKO, JP  
[72] SHII, DAISUKE, JP  
[71] SANTEN PHARMACEUTICAL CO., LTD., JP  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/JP2014/056416)  
[87] (WO2014/142146)  
[30] JP (2013-050766) 2013-03-13

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[13] A1

[51] **Int.Cl. C07C 259/06 (2006.01) A61K 31/166 (2006.01) A61P 31/04 (2006.01) A61P 43/00 (2006.01)**  
[25] EN  
[54] **NOVEL HYDROXAMIC ACID DERIVATIVE OR SALT THEREOF**  
[54] **NOUVEAU DERIVE D'ACIDE HYDROXAMIQUE OU SEL DE CELUI-CI**  
[72] SHOJI, MUNEO, JP  
[72] SUGAYA, NAOMI, JP  
[72] YASOBU, NAOKO, JP  
[71] TOYOTA CHEMICAL CO., LTD., JP  
[85] 2015-09-10  
[86] 2014-03-14 (PCT/JP2014/056864)  
[87] (WO2014/142298)  
[30] JP (2013-052798) 2013-03-15

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[13] A1

[51] **Int.Cl. B62D 35/00 (2006.01) B60R 1/06 (2006.01) B60R 1/074 (2006.01)**

[25] EN

[54] **DRAG REDUCING MIRROR ASSEMBLIES FOR VEHICLES**

[54] **ENSEMBLES RETROVISEURS REDUISANT LA TRAINEE POUR VEHICULES**

[72] HENDERSON, MICHAEL LORENZO, US

[72] WULFF, STEPHEN ALFRED, US

[71] SMARTTRUCK SYSTEMS, LLC, US

[85] 2015-09-10

[86] 2014-03-03 (PCT/US2014/019780)

[87] (WO2014/158741)

[30] US (13/827,512) 2013-03-14

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[13] A1

[51] **Int.Cl. B62K 19/02 (2006.01) B32B 29/00 (2006.01)**

[25] EN

[54] **CARDBOARD-BASED UNIT**

[54] **UNITE A BASE DE CARTON**

[72] GAFNI, IZHAR, IL

[71] I.G. CARDBOARD TECHNOLOGIES LTD., IL

[85] 2015-09-10

[86] 2013-10-13 (PCT/IL2013/050823)

[87] (WO2014/178038)

[30] US (61/818,611) 2013-05-02

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[21] **2,905,251**  
[13] A1

[51] **Int.Cl. A61F 2/04 (2013.01) A61F 2/82 (2013.01)**

[25] EN

[54] **TOPOGRAPHICAL FEATURES AND PATTERNS ON A SURFACE OF A MEDICAL DEVICE AND METHODS OF MAKING THE SAME**

[54] **CARACTERISTIQUES ET MOTIFS TOPOGRAPHIQUES SUR UNE SURFACE D'UN DISPOSITIF MEDICAL ET LEURS PROCEDES DE FABRICATION**

[72] CARPENTER, SCOTT, US

[72] POOR, MICHAEL, US

[72] PALMAZ, JULIO C., US

[71] PALMAZ SCIENTIFIC, INC., US

[85] 2015-09-10

[86] 2014-02-24 (PCT/US2014/018079)

[87] (WO2014/158550)

[30] US (13/801,173) 2013-03-13

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[13] A1

[51] **Int.Cl. F01D 5/28 (2006.01) C23C 28/04 (2006.01)**

[25] EN

[54] **RECESSION RESISTANT CERAMIC MATRIX COMPOSITES AND ENVIRONMENTAL BARRIER COATINGS**

[54] **COMPOSITES DE MATRICE DE CERAMIQUE RESISTANTE AU CREUSEMENT ET REVETEMENTS DE BARRIERE ENVIRONNEMENTALE**

[72] LUTHRA, KRISHAN LAL, US

[71] GENERAL ELECTRIC COMPANY, US

[85] 2015-09-10

[86] 2014-03-05 (PCT/US2014/020734)

[87] (WO2014/149759)

[30] US (13/834,350) 2013-03-15

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[21] **2,905,253**  
[13] A1

[51] **Int.Cl. A61F 2/00 (2006.01)**

[25] EN

[54] **IMPLANTS, TOOLS, AND METHODS FOR TREATMENTS OF PELVIC CONDITIONS**

[54] **IMPLANTS, OUTILS ET PROCEDES DE TRAITEMENTS D'ETATS PELVIENS**

[72] VIKER, THOMAS O., US

[71] AMS RESEARCH CORPORATION, US

[85] 2015-09-10

[86] 2014-03-03 (PCT/US2014/019871)

[87] (WO2014/149612)

[30] US (61/789,221) 2013-03-15

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[21] **2,905,254**  
[13] A1

[51] **Int.Cl. C07H 13/12 (2006.01) C08B 15/06 (2006.01) C08J 7/00 (2006.01)**

[25] EN

[54] **A PROCESS FOR THE FUNCTIONALIZATION OF A SURFACE**

[54] **PROCEDE POUR LA FONCTIONNALISATION D'UNE SURFACE**

[72] HEINZE, THOMAS, DE

[72] WONDRACZEK, HOLGER, FI

[72] ELSCHNER, THOMAS, DE

[72] SCHOLZ, FRIEDRICH, DE

[71] FZMB GMBH  
FORSCHUNGSZENTRUM FUR MEDIZINTECHNIK UND BIOTECHNOLOGIE, DE

[85] 2015-09-10

[86] 2014-03-20 (PCT/EP2014/055584)

[87] (WO2014/147168)

[30] DE (10 2013 005 184.3) 2013-03-20

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[21] **2,905,255**  
[13] A1

[51] **Int.Cl. B23P 21/00 (2006.01) B64F 5/00 (2006.01)**

[25] EN

[54] **METHOD FOR BONDING FUSELAGE AND STRONGBACK**

[54] **PROCEDE DE COLLAGE D'UN FUSELAGE ET D'UNE PIECE DE RENFORT**

[72] YANAGIHARA, HIDEYASU, JP

[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP

[85] 2015-09-10

[86] 2014-03-17 (PCT/JP2014/057059)

[87] (WO2014/156745)

[30] JP (2013-073092) 2013-03-29

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[21] **2,905,256**  
[13] A1

[51] **Int.Cl. C03B 35/20 (2006.01)**  
[25] EN  
[54] **GLASS SHEET SUPPORT STRUCTURE**  
[54] **STRUCTURE DE SOUTÈNEMENT D'UNE FEUILLE DE VERRE**  
[72] NITSCHKE, DEAN M., US  
[72] JINKA, ASHOKA G., US  
[72] ZALESAK, THOMAS J., US  
[72] SCHNABEL, JAMES P., JR., US  
[72] MORROW, SCOTT CHARLES, US  
[71] GLASSTECH, INC., US  
[85] 2015-09-10  
[86] 2014-02-25 (PCT/US2014/018153)  
[87] (WO2014/163855)  
[30] US (13/796,124) 2013-03-12

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[21] **2,905,257**  
[13] A1

[51] **Int.Cl. C02F 1/32 (2006.01) A61L 9/20 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR INACTIVATION OF INFECTIOUS PANCREATIC NECROSIS VIRUS (IPNV) USING OPTIMIZED ULTRAVIOLET (UV) LIGHT**  
[54] **SYSTEME ET PROCÈDE D'INACTIVATION DU VIRUS DE LA NECROSE PANCREATIQUE INFECTIEUSE (VNPI) A L'AIDE DE LUMIERE ULTRAVIOLETTE (UV) OPTIMISEE**  
[72] LICI, TOVIT, IL  
[72] KERTSER, MICHAEL, IL  
[72] ROZENBERG, YTZHAK, IL  
[71] ATLANTIUM TECHNOLOGIES LTD., IL  
[85] 2015-09-10  
[86] 2014-03-13 (PCT/IL2014/050269)  
[87] (WO2014/141269)  
[30] US (61/788,477) 2013-03-15

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[21] **2,905,258**  
[13] A1

[51] **Int.Cl. A61M 1/14 (2006.01) A61M 1/16 (2006.01) A61M 1/28 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PERFORMING ALTERNATIVE AND SEQUENTIAL BLOOD AND PERITONEAL DIALYSIS MODALITIES**  
[54] **SYSTEME ET PROCÈDE DE MISE EN OEUVRE DE MODALITES ALTERNATIVES ET SEQUENTIELLES DE DIALYSE PERITONEALE ET DU SANG**  
[72] ROHDE, JUSTIN BELANGER, US  
[72] MINKUS, MARC STEVEN, US  
[71] BAXTER INTERNATIONAL INC., US  
[71] BAXTER HEALTHCARE S.A., CH  
[85] 2015-09-10  
[86] 2014-03-10 (PCT/US2014/022659)  
[87] (WO2014/159243)  
[30] US (13/828,731) 2013-03-14

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[21] **2,905,259**  
[13] A1

[51] **Int.Cl. A61M 3/02 (2006.01) A61F 9/007 (2006.01) A61M 1/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PROVIDING PRESSURIZED INFUSION**  
[54] **SYSTEME ET PROCÈDE POUR FOURNIR UNE PERFUSION MISE SOUS PRESSION**  
[72] STEEN, MARK, US  
[72] LEE, FRED, US  
[72] GERG, JAMES, US  
[71] ABBOTT MEDICAL OPTICS INC., US  
[85] 2015-09-10  
[86] 2014-02-26 (PCT/US2014/018568)  
[87] (WO2014/143551)  
[30] US (13/829,926) 2013-03-14

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[13] A1

[51] **Int.Cl. C25B 1/06 (2006.01) H01M 8/04 (2006.01) H01M 8/06 (2006.01) H01M 8/18 (2006.01) H01M 8/24 (2006.01)**  
[25] EN  
[54] **HIGH EFFICIENCY FUEL CELL PILE A COMBUSTIBLE A HAUTE EFFICACITE**  
[72] SCHULZ, DETLEF, DE  
[71] HELMUT-SCHMIDT-UNIVERSITAT-UNIVERSITAT DER BUNDESWEHR HAMBURG, DE  
[71] HAMBRUG INNOVATION GMBH, DE  
[85] 2015-09-10  
[86] 2014-03-25 (PCT/EP2014/055909)  
[87] (WO2014/154658)  
[30] EP (13160858.0) 2013-03-25

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[13] A1

[51] **Int.Cl. B64D 11/02 (2006.01)**  
[25] EN  
[54] **LAVATORY UNIT**  
[54] **UNITE DE TOILETTES**  
[72] SEIBT, CHRISTIAN, DE  
[71] AIRBUS OPERATIONS GMBH, DE  
[85] 2015-09-10  
[86] 2014-03-26 (PCT/EP2014/056077)  
[87] (WO2014/154758)  
[30] EP (13161103.0) 2013-03-26

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[13] A1

[51] **Int.Cl. C01G 49/06 (2006.01) C01G 53/00 (2006.01) C22B 1/00 (2006.01) C22B 3/04 (2006.01) C22B 3/44 (2006.01) C22B 23/00 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRODUCING HEMATITE FOR IRONMAKING**  
[54] **PROCÈDE DE FABRICATION D'UNE HEMATITE POUR LA FABRICATION DU FER**  
[72] OHARA, GO, JP  
[72] SASAKI, HIDEKI, JP  
[72] KAN, YASUMASA, JP  
[72] IMAMURA, MASAKI, JP  
[71] SUMITOMO METAL MINING CO., LTD., JP  
[85] 2015-09-10  
[86] 2013-12-12 (PCT/JP2013/083378)  
[87] (WO2014/155855)  
[30] JP (2013-063905) 2013-03-26

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[13] A1

[51] **Int.Cl. F03B 17/00 (2006.01)**  
[25] EN  
[54] **WATER GRAVITY LOOP POWER PLANT (WGLPP)**  
[54] **CENTRALE ELECTRIQUE FONCTIONNANT EN CIRCUIT FERME SOUS L'EFFET DE LA GRAVITE DE L'EAU (WGLPP)**  
[72] MONCADA RODRIGUEZ, OSCAR EDGARDO, US  
[71] MONCADA RODRIGUEZ, OSCAR EDGARDO, US  
[85] 2015-09-10  
[86] 2014-03-03 (PCT/US2014/020046)  
[87] (WO2014/164029)  
[30] US (61/775,776) 2013-03-11  
[30] US (13/925,830) 2013-06-25

[21] **2,905,264**  
[13] A1

[51] **Int.Cl. C11C 5/00 (2006.01)**  
[25] EN  
[54] **CANDLE**  
[54] **BOUGIE**  
[72] LEE, YONG-WOO, KR  
[71] LEE, YONG-WOO, KR  
[85] 2015-09-10  
[86] 2014-06-17 (PCT/KR2014/005282)  
[87] (WO2015/016484)  
[30] KR (10-2013-0090465) 2013-07-30

[21] **2,905,265**  
[13] A1

[51] **Int.Cl. C12N 1/15 (2006.01) C12N 1/21 (2006.01)**  
[25] EN  
[54] **GENETICALLY MODIFIED BACTERIA**  
[54] **BACTERIES MODIFIEES GENETIQUEMENT**  
[72] MARX, CHRISTOPHER J., US  
[72] NAYAK, DIPTI D., US  
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US  
[85] 2015-09-10  
[86] 2014-02-26 (PCT/US2014/018592)  
[87] (WO2014/158590)  
[30] US (61/782,141) 2013-03-14

[21] **2,905,266**  
[13] A1

[51] **Int.Cl. B29C 65/70 (2006.01) B29C 43/18 (2006.01)**  
[25] EN  
[54] **COMPOSITE STRUCTURE OF FIBER-REINFORCED PLASTIC SHEET AND METAL SHEET, AND METHOD FOR MANUFACTURING SAME**  
[54] **STRUCTURE COMPOSITE COMPOSEE D'UNE FEUILLE PLASTIQUE RENFORCEE DE FIBRES ET D'UNE FEUILLE METALLIQUE ET PROCEDE PERMETTANT DE FABRIQUER CETTE STRUCTURE COMPOSITE**  
[72] KONDO, KIYOHITO, JP  
[72] YAMASHITA, YUJI, JP  
[71] AISIN TAKAOKA CO., LTD., JP  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/JP2014/056542)  
[87] (WO2014/142189)  
[30] JP (2013-050924) 2013-03-13

[21] **2,905,267**  
[13] A1

[51] **Int.Cl. A61H 1/02 (2006.01)**  
[25] EN  
[54] **MECHANICAL LINKAGE**  
[54] **ARTICULATION MECANIQUE**  
[72] MEULEMAN, JOS, NL  
[71] MOOG BV, NL  
[85] 2015-09-10  
[86] 2014-03-28 (PCT/EP2014/056368)  
[87] (WO2014/161797)  
[30] GB (1305984.5) 2013-04-03

[21] **2,905,268**  
[13] A1

[51] **Int.Cl. H04W 4/08 (2009.01) H04W 4/22 (2009.01) H04W 76/00 (2009.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETERMINING PUBLIC SAFETY PRIORITY ON A BROADBAND NETWORK**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE DETERMINER UNE PRIORITE DE SECURITE PUBLIQUE SUR UN RESEAU A LARGE BANDE**  
[72] MILLER, TRENT J., US  
[72] TJANDRA, PAULA, US  
[72] UPP, KAREN M., US  
[71] MOTOROLA SOLUTIONS, INC., US  
[85] 2015-09-10  
[86] 2014-03-04 (PCT/US2014/020097)  
[87] (WO2014/149651)  
[30] US (13/836,943) 2013-03-15

[21] **2,905,269**  
[13] A1

[51] **Int.Cl. A61F 9/008 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR DEPTH DETECTION IN LASER-ASSISTED OPHTHALMIC PROCEDURES**  
[54] **SYSTEMES ET PROCEDES DE DETECTION DE PROFONDEUR DANS DES PROCEDURES OPHTALMIQUES ASSISTEES PAR ORDINATEUR**  
[72] BOR, ZSOLT, US  
[72] DE GUZMAN, PETER-PATRICK, US  
[72] DENNISON, ANTHONY, US  
[72] CAMPOS, MICHAEL, US  
[71] AMO DEVELOPMENT, LLC, US  
[85] 2015-09-10  
[86] 2014-02-26 (PCT/US2014/018624)  
[87] (WO2014/143552)  
[30] US (13/830,072) 2013-03-14

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[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4985 (2006.01) A61K 31/551 (2006.01) A61P 25/00 (2006.01)**

[25] EN

[54] **PIPERAZINO[1,2-A]INDOL-1-ONES AND [1,4]DIAZEPINO[1,2-A]INDOL-1-ONE**

[54] **PIPERAZINO[1,2-A]INDOL-1-ONES ET [1,4]DIAZEPINO[1,2-A]INDOL-1-ONE**

[72] JAGASIA, RAVI, DE

[72] JAKOB-ROETNE, ROLAND, DE

[72] WICHMANN, JUERGEN, DE

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

[85] 2015-09-10

[86] 2014-03-31 (PCT/EP2014/056393)

[87] (WO2014/161801)

[30] EP (13161949.6) 2013-04-02

[21] **2,905,271**  
[13] A1

[51] **Int.Cl. C08F 4/6592 (2006.01) C08F 8/04 (2006.01) C08F 10/14 (2006.01)**

[25] EN

[54] **METHODS FOR PRODUCING A-OLEFIN POLYMER AND HYDROGENATED A-OLEFIN POLYMER**

[54] **PROCEDES DE PRODUCTION D'UN POLYMER A-OLEFINIQUE ET POLYMER A-OLEFINIQUE HYDROGENE**

[72] KATAYAMA, KIYOKAZU, JP

[72] NODA, HIDEAKI, JP

[71] IDEMITSU KOSAN CO., LTD., JP

[85] 2015-09-10

[86] 2014-03-12 (PCT/JP2014/056579)

[87] (WO2014/142206)

[30] JP (2013-052154) 2013-03-14

[21] **2,905,272**  
[13] A1

[51] **Int.Cl. C12N 7/01 (2006.01) A61K 35/76 (2015.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 14/125 (2006.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01) C12N 5/10 (2006.01) C12N 15/45 (2006.01) C12N 15/62 (2006.01) C12N 15/86 (2006.01)**

[25] EN

[54] **NEWCASTLE DISEASE VIRUSES AND USES THEREOF**

[54] **VIRUS DE LA MALADIE DE NEWCASTLE ET LEURS UTILISATIONS**

[72] PALESE, PETER, US

[72] GARCIA-SASTRE, ADOLFO, US

[72] ZAMARIN, DMITRIY, US

[72] ALLISON, JAMES, US

[72] WOLCHOK, JEDD D., US

[71] ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, US

[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US

[85] 2015-09-10

[86] 2014-03-04 (PCT/US2014/020299)

[87] (WO2014/158811)

[30] US (61/782,994) 2013-03-14

[21] **2,905,273**  
[13] A1

[51] **Int.Cl. C08B 37/00 (2006.01) A61K 31/715 (2006.01) A61K 47/48 (2006.01) C08L 5/00 (2006.01)**

[25] EN

[54] **GLYCOGEN-BASED WATER SOLUBILITY ENHANCERS**

[54] **RENFORCATEURS D'HYDROSOLUBILITE A BASE DE GLYCOGENE**

[72] RUSSO, VINCENZO, IT

[72] LIBERATI, ELISA, IT

[72] TONGIANI, SERENA, IT

[71] AZIENDE CHIMICHE RIUNITE ANGELINI FRANCESCO A.C.R.A.F. S.P.A., IT

[85] 2015-09-10

[86] 2014-03-31 (PCT/EP2014/056451)

[87] (WO2014/161815)

[30] EP (13162453.8) 2013-04-05

[21] **2,905,274**  
[13] A1

[51] **Int.Cl. B65D 51/28 (2006.01) B65D 81/32 (2006.01)**

[25] EN

[54] **DEVICE FOR CLOSING BEVERAGE CONTAINERS AND ASSEMBLY OF SUCH A DEVICE AND A BEVERAGE CONTAINER**

[54] **DISPOSITIF POUR FERMER DES RECIPIENTS DE BOISSON ET ENSEMBLE D'UN TEL DISPOSITIF ET D'UN RECIPIENT DE BOISSON**

[72] VAN DEN BROEK, LUCAS KAREL JOHANNES, NL

[71] BBBPROJECTS B.V., NL

[71] WILLEMSEN, LOUIS RINZE HENRICUS ADRIANUS, PH

[85] 2015-09-10

[86] 2014-03-11 (PCT/NL2014/050146)

[87] (WO2014/142658)

[30] NL (2010426) 2013-03-11

[21] **2,905,275**  
[13] A1

[51] **Int.Cl. B65B 35/50 (2006.01) A61F 13/15 (2006.01) A61F 13/551 (2006.01) B65B 35/56 (2006.01)**

[25] EN

[54] **DISPOSABLE ABSORBENT PRODUCTS IN A STACKED ARRANGEMENT**

[54] **PRODUITS ABSORBANTS JETABLES DANS UN AGENCEMENT EMPILE**

[72] VARTIAINEN, KENT, SE

[72] NAGY LUNDIN, ELISABETH, SE

[71] SCA HYGIENE PRODUCTS AB, SE

[85] 2015-09-10

[86] 2013-03-14 (PCT/SE2013/050242)

[87] (WO2014/142720)

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[13] A1

[51] **Int.Cl. C08L 23/06 (2006.01) C08L 23/08 (2006.01)**  
[25] EN  
[54] **POLYMER FILMS HAVING IMPROVED HEAT SEALING PROPERTIES**  
[54] **FILMS DE POLYMERES AYANT DES PROPRIETES DE THERMOSCELLAGE AMELIOREES**  
[72] TSO, CHUNG C., US  
[72] SUKHADIA, ASHISH M., US  
[72] MASINO, ALBERT P., US  
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US  
[85] 2015-09-10  
[86] 2014-03-06 (PCT/US2014/021132)  
[87] (WO2014/164192)  
[30] US (13/794,070) 2013-03-11

[21] **2,905,277**  
[13] A1

[51] **Int.Cl. A47C 20/04 (2006.01) A47C 31/00 (2006.01)**  
[25] EN  
[54] **SWITCHING MEANS FOR AN ADJUSTABLE FOUNDATION SYSTEM**  
[54] **MOYENS DE COMMUTATION POUR UN SYSTEME A SUPPORTS REGLABLES**  
[72] CHEN, YI-CHING, US  
[72] MCGUIRE, JOHN, US  
[72] STUSYNSKI, STACY, US  
[71] SELECT COMFORT CORPORATION, US  
[85] 2015-09-10  
[86] 2014-03-10 (PCT/US2014/022705)  
[87] (WO2014/164528)  
[30] US (61/776,447) 2013-03-11

[21] **2,905,279**  
[13] A1

[51] **Int.Cl. C08L 23/08 (2006.01) C08J 5/18 (2006.01)**  
[25] EN  
[54] **NOVEL MEDIUM DENSITY POLYETHYLENE COMPOSITIONS**  
[54] **NOUVELLES COMPOSITIONS DE POLYETHYLENE MOYENNE DENSITE**  
[72] SUKHADIA, ASHISH M., US  
[72] ST JEAN, GUYLAINE, US  
[72] YANG, QING, US  
[72] MCDANIEL, MAX P., US  
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US  
[85] 2015-09-10  
[86] 2014-03-07 (PCT/US2014/021549)  
[87] (WO2014/164260)  
[30] US (13/794,052) 2013-03-11

[21] **2,905,280**  
[13] A1

[51] **Int.Cl. G06Q 40/02 (2012.01)**  
[25] EN  
[54] **AUTOMATED FINANCIAL DATA AGGREGATION**  
[54] **AGREGATION AUTOMATISEE DE DONNEES FINANCIERES**  
[72] CHOURASIA, ROHIT, IN  
[72] PANT, SHUBHA, IN  
[71] YODLEE, INC., US  
[85] 2015-09-10  
[86] 2014-03-10 (PCT/US2014/022764)  
[87] (WO2014/164546)  
[30] US (13/794,708) 2013-03-11

[21] **2,905,281**  
[13] A1

[51] **Int.Cl. A61B 17/88 (2006.01)**  
[25] EN  
[54] **SURGICAL TORQUE LIMITING INSTRUMENT**  
[54] **INSTRUMENT CHIRURGICAL DE LIMITATION DE COUPLE**  
[72] SCHALLER, KONRAD, CH  
[72] VOISARD, CYRIL, CH  
[71] DEPUY SYNTHES PRODUCTS, INC., US  
[85] 2015-09-10  
[86] 2014-03-07 (PCT/US2014/021558)  
[87] (WO2014/159027)  
[30] US (61/782,594) 2013-03-14  
[30] US (13/826,718) 2013-03-14

[21] **2,905,282**  
[13] A1

[51] **Int.Cl. G06F 12/00 (2006.01) G06F 17/30 (2006.01)**  
[25] EN  
[54] **TOKEN-BASED ADMISSION CONTROL FOR REPLICATED WRITES**  
[54] **CONTROLE D'ADMISSION A BASE DE JETONS POUR DES ECRITURES REPLIQUEES**  
[72] MUNISWAMY-REDDY, KIRAN-KUMAR, US  
[72] SWIFT, BJORN PATRICK, US  
[72] FILIPE, MIGUEL MASCARENHAS, US  
[72] RATH, TIMOTHY ANDREW, US  
[72] STEFANI, STEFANO, US  
[72] LU, YIJUN, US  
[72] XIAO, WEI, US  
[72] MARSHALL, STUART HENRY SEELYE, US  
[72] HAMILTON, JAMES R., US  
[71] AMAZON TECHNOLOGIES, INC., US  
[85] 2015-09-10  
[86] 2014-03-11 (PCT/US2014/022916)  
[87] (WO2014/164584)  
[30] US (13/800,796) 2013-03-13

[21] **2,905,283**  
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01)**  
[25] EN  
[54] **DEVICES AND METHODS FOR RETRIEVABLE INTRA-ATRIAL IMPLANTS**  
[54] **DISPOSITIFS ET PROCEDES POUR IMPLANTS INTRA-AURICULAIRES EXTRACTIBLES**  
[72] SUGIMOTO, HIROATSU, US  
[72] FORCUCCI, STEPHEN J., US  
[72] MCNAMARA, EDWARD I., US  
[72] FINCH, MATTHEW J., US  
[72] MAGNIN, CHRISTOPHER, US  
[71] CORVIA MEDICAL, INC., US  
[85] 2015-09-10  
[86] 2014-03-10 (PCT/US2014/022240)  
[87] (WO2014/150106)  
[30] US (13/838,192) 2013-03-15

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[13] A1

[51] **Int.Cl. A61C 17/22 (2006.01) A61C 17/26 (2006.01)**  
[25] EN  
[54] **ELECTRIC TOOTHBRUSH**  
[54] **BROSSE A DENTS ELECTRIQUE**  
[72] YOSHIDA, KAZUAKI, JP  
[72] NISHIURA, MASAHIRO, JP  
[71] SUNSTAR INC., JP  
[85] 2015-09-10  
[86] 2014-03-07 (PCT/JP2014/055977)  
[87] (WO2014/142029)  
[30] JP (2013-048109) 2013-03-11

[21] **2,905,285**  
[13] A1

[51] **Int.Cl. C12N 5/071 (2010.01) A01N 63/00 (2006.01) C12N 5/00 (2006.01)**  
[25] EN  
[54] **THE PRODUCTION AND USE OF RED BLOOD CELLS**  
[54] **PRODUCTION ET UTILISATION DE GLOBULES ROUGES**  
[72] TURNER, BRIAN CURTIS, US  
[72] REFAELI, YOSEF, US  
[72] BIRD, GREGORY A., US  
[71] TAIGA BIOTECHNOLOGIES, INC., US  
[85] 2015-09-10  
[86] 2014-03-11 (PCT/US2014/022971)  
[87] (WO2014/164604)  
[30] US (61/776,732) 2013-03-11  
[30] US (13/797,648) 2013-03-12

[21] **2,905,286**  
[13] A1

[51] **Int.Cl. F16K 1/42 (2006.01) B25B 13/02 (2006.01) B25B 13/50 (2006.01) B25B 27/24 (2006.01) F16K 3/24 (2006.01) F16K 25/00 (2006.01)**  
[25] EN  
[54] **VALVE SEAT ASSEMBLIES**  
[54] **ENSEMBLES DE SIEGE DE SOUPEPE**  
[72] BELL, BRANDON WAYNE, US  
[71] FISHER CONTROLS INTERNATIONAL LLC, US  
[85] 2015-09-10  
[86] 2014-03-10 (PCT/US2014/022255)  
[87] (WO2014/159156)  
[30] US (13/828,539) 2013-03-14  
[30] US (13/895,973) 2013-05-16

[21] **2,905,287**  
[13] A1

[51] **Int.Cl. B65D 83/08 (2006.01) A47K 10/42 (2006.01)**  
[25] EN  
[54] **WIPE DISPENSER**  
[54] **DISTRIBUTEUR DE LINGETTES**  
[72] YAMADA, KIKUO, JP  
[71] YAMADA, KIKUO, JP  
[85] 2015-09-10  
[86] 2014-03-11 (PCT/JP2014/056249)  
[87] (WO2014/142091)  
[30] JP (PCT/JP2013/001700) 2013-03-14  
[30] JP (PCT/JP2013/067740) 2013-06-21

[21] **2,905,288**  
[13] A1

[51] **Int.Cl. A61K 39/39 (2006.01) A61K 35/12 (2015.01) A61K 38/18 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **HIGH PURITY OVARIAN CANCER STEM CELLS FOR ACTIVE AUTOLOGOUS IMMUNE THERAPY**  
[54] **CELLULES SOUCHES CANCEREUSES OVARIENNES DE HAUTE PURETE POUR IMMUNOTHERAPIE AUTOLOGUE ACTIVE**  
[72] CORNFORTH, ANDREW N., US  
[72] NISTOR, GABRIEL, US  
[71] NEOSTEM ONCOLOGY, LLC, US  
[85] 2015-09-10  
[86] 2014-03-10 (PCT/US2014/022494)  
[87] (WO2014/164464)  
[30] US (61/778,225) 2013-03-12  
[30] US (PCT/US2013/053850) 2013-08-06

[21] **2,905,289**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**  
[25] EN  
[54] **METHODS FOR THE IDENTIFICATION OF VARIANT RECOGNITION SITES FOR RARE-CUTTING ENGINEERED DOUBLE-STRAND-BREAK-INDUCING AGENTS AND COMPOSITIONS AND USES THEREOF**  
[54] **PROCEDES D'IDENTIFICATION DE SITES DE RECONNAISSANCE DE VARIANT POUR AGENTS D'INDUCTION DE CASSURE DOUBLE BRIN A COUPURE RARE, GENETIQUEMENT MODIFIES, LEURS COMPOSITIONS ET LEURSUTILISATIONS**  
[72] DESCHAMPS, STEPHANE, US  
[72] ENGLISH, JAMES, US  
[72] LI, ZHONGSEN, US  
[72] LLACA, VICTOR, US  
[72] YOUNG, JOSHUA K., US  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US  
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2015-09-10  
[86] 2014-03-10 (PCT/US2014/022500)  
[87] (WO2014/164466)  
[30] US (61/777,238) 2013-03-12

[21] **2,905,290**  
[13] A1

[51] **Int.Cl. G01H 3/10 (2006.01) G01H 5/00 (2006.01) G01P 5/24 (2006.01)**  
[25] EN  
[54] **FLOW MEASUREMENT SYSTEMS AND METHODS FOR GAS AND LIQUID APPLICATIONS**  
[54] **PROCEDES ET SYSTEMES DE MESURE DU DEBIT POUR APPLICATIONS GAZEUSES ET LIQUIDES**  
[72] MCGILL, KENNETH CHARLES, US  
[71] BOARD OF REGENTS OF THE UNIVERSITY SYSTEM OF GEORGIA, US  
[85] 2015-09-10  
[86] 2014-03-11 (PCT/US2014/023056)  
[87] (WO2014/159331)  
[30] US (13/828,942) 2013-03-14

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[13] A1

[51] **Int.Cl. G05B 19/05 (2006.01) H02H 7/08 (2006.01) H02P 29/02 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MONITORING MOTOR CURRENT FOR AN ELECTRIC VALVE POSITIONER**  
[54] **PROCEDE ET APPAREIL DE SURVEILLANCE DE COURANT MOTEUR POUR UN POSITIONNEUR D'ELECTROVANNE**  
[72] EISENBEIS, CLYDE T., US  
[71] FISHER CONTROLS INTERNATIONAL LLC, US  
[85] 2015-09-10  
[86] 2014-03-10 (PCT/US2014/022259)  
[87] (WO2014/159157)  
[30] US (61/785,139) 2013-03-14

[21] **2,905,292**  
[13] A1

[51] **Int.Cl. B65D 17/00 (2006.01) B65D 17/32 (2006.01)**  
[25] EN  
[54] **VENTED BEVERAGE CAN AND CAN END**  
[54] **CANETTE DE BOISSON VENTILEE ET EXTREMITE DE CANETTE**  
[72] KEANE, BRENDAN, US  
[72] FIELDS, BRIAN, US  
[72] DOSHI, VIVEK, US  
[71] CROWN PACKAGING TECHNOLOGY, INC., US  
[85] 2015-09-10  
[86] 2014-03-10 (PCT/US2014/022524)  
[87] (WO2014/159208)  
[30] US (61/782,316) 2013-03-14

[21] **2,905,293**  
[13] A1

[51] **Int.Cl. C07D 263/56 (2006.01)**  
[25] EN  
[54] **BENZO-FUSED HETEROCYCLIC DERIVATIVES USEFUL AS AGONISTS OF GPR120**  
[54] **DERIVES HETEROCYCLIQUES A CONDENSATION BENZO UTILES EN TANT QU'AGONISTES DE GPR120**  
[72] SUI, ZHIHUA, US  
[72] SUBASINGHE, NALIN L., US  
[71] JANSSEN PHARMACEUTICA NV, BE  
[85] 2015-09-10  
[86] 2014-03-07 (PCT/US2014/021790)  
[87] (WO2014/159061)  
[30] US (61/783,118) 2013-03-14

[21] **2,905,294**  
[13] A1

[51] **Int.Cl. B65D 1/16 (2006.01) B65D 83/38 (2006.01)**  
[25] EN  
[54] **DRAWN AND IRONED AEROSOL CAN**  
[54] **BOITE AEROSOL EMBOUTIE ET ETIREE**  
[72] FORTNER, THOMAS EDWARD, US  
[71] CROWN PACKAGING TECHNOLOGY, INC., US  
[85] 2015-09-10  
[86] 2014-03-10 (PCT/US2014/022556)  
[87] (WO2014/159215)  
[30] US (61/781,367) 2013-03-14

[21] **2,905,295**  
[13] A1

[51] **Int.Cl. B60K 31/04 (2006.01) B60W 30/14 (2006.01) B60K 31/00 (2006.01)**  
[25] EN  
[54] **VEHICLE SPEED LIMITER VIA GAUGE INTERFACE**  
[54] **LIMITEUR DE VITESSE D'UN VEHICULE PAR L'INTERMEDIAIRE D'UNE INTERFACE D'INDICATEUR**  
[72] JOHNSON, DANIEL, US  
[72] JANISCH, DARREL, US  
[71] ARCTIC CAT INC., US  
[85] 2015-09-10  
[86] 2014-03-07 (PCT/US2014/022025)  
[87] (WO2014/159117)  
[30] US (13/829,039) 2013-03-14

[21] **2,905,296**  
[13] A1

[51] **Int.Cl. C12N 5/00 (2006.01) C12N 5/071 (2010.01)**  
[25] EN  
[54] **EXPANSION OF ADULT STEM CELLS IN VITRO**  
[54] **EXPANSION DE CELLULES SOUCHES ADULTES IN VITRO**  
[72] TURNER, BRIAN CURTIS, US  
[72] REFAELI, YOSEF, US  
[72] BIRD, GREGORY A., US  
[71] TAIGA BIOTECHNOLOGIES, INC., US  
[85] 2015-09-10  
[86] 2014-03-11 (PCT/US2014/022977)  
[87] (WO2014/164606)  
[30] US (61/776,422) 2013-03-11  
[30] US (13/795,659) 2013-03-12

[21] **2,905,297**  
[13] A1

[51] **Int.Cl. C09K 3/00 (2006.01) C08J 9/06 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS COMPRISING VINYLIDENE FLUORIDE**  
[54] **COMPOSITIONS ET PROCEDES COMPRENANT DU FLUORURE DE VINYLIDENE**  
[72] SINGH, RAJIV RATNA, US  
[72] WILLIAMS, DAVID J., US  
[72] RICHARD, ROBERT G., US  
[71] HONEYWELL INTERNATIONAL, INC., US  
[85] 2015-09-10  
[86] 2014-03-11 (PCT/US2014/022979)  
[87] (WO2014/159315)  
[30] US (61/781,815) 2013-03-14

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[13] A1

[51] **Int.Cl. E21B 49/08 (2006.01) E21B 49/10 (2006.01) G01N 25/04 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR DETERMINING BUBBLE POINT PRESSURE**

[54] **PROCEDE ET SYSTEME POUR DETERMINER LA PRESSION DE POINT DE BULLE**

[72] SMYTHE, JENNY, US  
[72] FUKAGAWA, SHUNSUKE, US  
[72] SULLIVAN, MATTHEW T., US  
[72] HARRISON, CHRISTOPHER, US  
[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2015-09-10  
[86] 2014-03-08 (PCT/US2014/022191)  
[87] (WO2014/164377)  
[30] US (13/800,896) 2013-03-13

[21] **2,905,301**  
[13] A1

[51] **Int.Cl. A61C 17/34 (2006.01)**

[25] EN

[54] **ELECTRONIC TOOTHBRUSH WITH VIBRATION DAMPENING**

[54] **BROSSE A DENTS ELECTRONIQUE AYANT UN AMORTISSEMENT DE VIBRATION**

[72] GARRIGUES, JEFFREY M., US  
[72] LUETTGEN, HAROLD A., US  
[71] WATER PIK, INC., US

[85] 2015-09-10  
[86] 2014-03-11 (PCT/US2014/023205)  
[87] (WO2014/150418)  
[30] US (13/833,897) 2013-03-15

[21] **2,905,302**  
[13] A1

[51] **Int.Cl. C12M 1/34 (2006.01) C12M 3/00 (2006.01) C12Q 1/10 (2006.01)**

[25] EN

[54] **SAMPLE COLLECTION AND ANALYSIS**

[54] **PRELEVEMENT ET ANALYSE D'ECHANTILLONS**

[72] MYLES, MATTHEW H., US  
[71] IDEXX LABORATORIES, INC., US

[85] 2015-09-10  
[86] 2014-03-11 (PCT/US2014/023292)  
[87] (WO2014/164715)  
[30] US (61/776,560) 2013-03-11  
[30] US (14/089,103) 2013-11-25

[21] **2,905,303**  
[13] A1

[51] **Int.Cl. A21D 8/04 (2006.01) A21D 10/00 (2006.01) C12N 9/28 (2006.01)**

[25] EN

[54] **METHOD OF PRODUCING A BAKED PRODUCT WITH ALPHA-AMYLASE, LIPASE AND PHOSPHOLIPASE**

[54] **PROCEDE DE PRODUCTION DE PRODUIT CUIT AVEC UNE ALPHA-AMYLASE, UNE LIPASE ET UNE PHOSPHOLIPASE**

[72] BELLIDO, GUILLERMO, FR  
[72] GAZZOLA, GIANLUCA, CH  
[72] MATVEEVA, IRINA, RU  
[71] NOVOZYMES A/S, DK

[85] 2015-09-10  
[86] 2014-04-02 (PCT/EP2014/056581)  
[87] (WO2014/161876)  
[30] EP (13162411.6) 2013-04-05  
[30] EP (14150897.8) 2014-01-13

[21] **2,905,304**  
[13] A1

[51] **Int.Cl. G06F 3/0481 (2013.01) G06F 3/0484 (2013.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR PRESENTING AND DISCOVERING RELATIONSHIPS BETWEEN INFORMATION UNITS**

[54] **SYSTEMES ET PROCEDES DE PRESENTATION ET DE DECOUVERTE DE RELATIONS ENTRE DES UNITES D'INFORMATIONS**

[72] NATARAJAN, SHREEDHAR, US  
[72] MOORTHY, JAISREE, US  
[71] GANALILA, LLC, US

[85] 2015-09-10  
[86] 2014-03-11 (PCT/US2014/023059)  
[87] (WO2014/164634)  
[30] US (61/780,614) 2013-03-13  
[30] US (61/903,318) 2013-11-12

[21] **2,905,306**  
[13] A1

[51] **Int.Cl. C12P 19/40 (2006.01) C12N 9/10 (2006.01)**

[25] EN

[54] **BIOCATALYTIC PRODUCTION OF NUCLEOSIDE ANALOGUES AS ACTIVE PHARMACEUTICAL INGREDIENTS**

[54] **PRODUCTION BIOCATALYTIQUE D'ANALOGUES NUCLEOSIDIQUES EN TANT QUE PRINCIPES ACTIFS PHARMACEUTIQUES**

[72] PASCUAL GILABERT, MARTA, ES  
[72] DERONCELE THOMAS, VICTOR MANUEL, ES  
[72] MONTILLA AREVALO, RAFAEL, ES  
[71] PLASMA BIOTECH, S.L., ES

[85] 2015-09-10  
[86] 2014-04-29 (PCT/EP2014/058761)  
[87] (WO2014/177585)  
[30] US (61/817,064) 2013-04-29

[21] **2,905,307**  
[13] A1

[51] **Int.Cl. H01J 49/00 (2006.01) G01N 27/62 (2006.01)**

[25] EN

[54] **A DDA EXPERIMENT WITH REDUCED DATA PROCESSING**

[54] **EXPERIMENTATION DDA A TRAITEMENT DE DONNEES REDUIT**

[72] BROWN, JEFFERY MARK, GB  
[72] GILES, KEVIN, GB  
[72] GREEN, MARTIN RAYMOND, GB  
[72] HOYES, JOHN BRIAN, GB  
[72] JONES, CHRISTOPHER, GB  
[72] MORRIS, MICHAEL RAYMOND, GB  
[72] PRINGLE, STEVEN DEREK, GB  
[72] RICHARDSON, KEITH, GB  
[72] SALARZAEI, FARNOUSH, GB  
[72] WILDGOOSE, JASON LEE, GB  
[71] MICROMASS UK LIMITED, GB

[85] 2015-09-10  
[86] 2014-03-10 (PCT/GB2014/050697)  
[87] (WO2014/140542)  
[30] GB (1304536.4) 2013-03-13  
[30] EP (13159080.4) 2013-03-13

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[21] **2,905,310**  
[13] A1

[51] **Int.Cl. H01J 49/42 (2006.01)**  
[25] EN  
[54] **TOROIDAL TRAPPING  
GEOMETRY PULSED ION  
SOURCE**  
[54] **SOURCE D'IONS PULSEES A  
GEOMETRIE DE PIEGEAGE  
TOROIDAL**  
[72] GILES, KEVIN, GB  
[72] GREEN, MARTIN RAYMOND, GB  
[72] WILDGOOSE, JASON LEE, GB  
[71] MICROMASS UK LIMITED, GB  
[85] 2015-09-10  
[86] 2014-03-10 (PCT/GB2014/050704)  
[87] (WO2014/140546)  
[30] GB (1304528.1) 2013-03-13  
[30] EP (13159070.5) 2013-03-13

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[21] **2,905,311**  
[13] A1

[51] **Int.Cl. C11D 17/00 (2006.01) C11D  
3/18 (2006.01) C11D 3/37 (2006.01)  
C11D 3/386 (2006.01) C11D 3/39  
(2006.01)**  
[25] EN  
[54] **WAX BLEND POLYMER  
ENCAPSULATES**  
[54] **ENCAPSULATIONS EN  
POLYMERES DE MELANGE DE  
CIRE**  
[72] COSGROVE, TERENCE, GB  
[72] DUNCALF, DAVID JOHN, GB  
[72] FINDLAY, PAUL HUGH, GB  
[72] HUGHES, MELANIE JANE, GB  
[72] PEARS, DAVID ALAN, GB  
[72] WARUNEK, MAGDALENA  
AGNIESZKA, GB  
[71] REVOLYMER (U.K.) LIMITED, GB  
[85] 2015-09-10  
[86] 2014-03-10 (PCT/GB2014/050710)  
[87] (WO2014/140550)  
[30] GB (1304667.7) 2013-03-15

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[21] **2,905,313**  
[13] A1

[51] **Int.Cl. A61B 5/06 (2006.01) G01R  
33/12 (2006.01) G01V 3/10 (2006.01)**  
[25] EN  
[54] **MAGNETIC DETECTOR**  
[54] **DETECTEUR MAGNETIQUE**  
[72] HATTERSLEY, SIMON RICHARD,  
GB  
[72] LAITENBERGER, PETER GEORG,  
GB  
[72] BRAZDEIKIS, AUDRIUS, US  
[71] ENDOMAGNETICS LTD., GB  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/GB2014/050731)  
[87] (WO2014/140566)  
[30] US (13/799,334) 2013-03-13  
[30] US (13/799,480) 2013-03-13

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[21] **2,905,314**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**  
[25] EN  
[54] **DIAGNOSTIC AND PROGNOSTIC  
BIOMARKERS FOR PROSTATE  
CANCER AND OTHER  
DISORDERS**  
[54] **BIOMARQUEURS DE  
DIAGNOSTIC ET DE PRONOSTIC  
DE CANCER DE LA PROSTATE  
ET AUTRES TROUBLES**  
[72] WHITAKER, HAYLEY, GB  
[72] NEAL, DAVID, GB  
[71] CANCER RESEARCH  
TECHNOLOGY LIMITED, GB  
[85] 2015-09-10  
[86] 2014-03-13 (PCT/GB2014/050767)  
[87] (WO2014/140594)  
[30] GB (1304612.3) 2013-03-14

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[21] **2,905,316**  
[13] A1

[51] **Int.Cl. H01J 49/00 (2006.01)**  
[25] EN  
[54] **DATA DEPENDENT CONTROL OF  
THE INTENSITY OF IONS  
SEPARATED IN MULTIPLE  
DIMENSIONS**  
[54] **COMMANDE DEPENDANT DES  
DONNEES DE L'INTENSITE  
D'IONS SEPARES DANS DES  
DIMENSIONS MULTIPLES**  
[72] GREEN, MARTIN RAYMOND, GB  
[72] RICHARDSON, KEITH, GB  
[72] WILDGOOSE, JASON LEE, GB  
[71] MICROMASS UK LIMITED, GB  
[85] 2015-09-10  
[86] 2014-03-14 (PCT/GB2014/050775)  
[87] (WO2014/140601)  
[30] GB (1304583.6) 2013-03-14  
[30] EP (13159164.6) 2013-03-14

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[21] **2,905,317**  
[13] A1

[51] **Int.Cl. H01J 49/00 (2006.01) H01J  
49/02 (2006.01)**  
[25] EN  
[54] **IMPROVED METHOD OF DATA  
DEPENDENT CONTROL**  
[54] **PROCEDE AMELIORE DE  
COMMANDE DEPENDANTE DE  
DONNEES**  
[72] GREEN, MARTIN RAYMOND, GB  
[72] RICHARDSON, KEITH, GB  
[71] MICROMASS UK LIMITED, GB  
[85] 2015-09-10  
[86] 2014-03-14 (PCT/GB2014/050802)  
[87] (WO2014/140622)  
[30] GB (1304588.5) 2013-03-14  
[30] EP (13159167.9) 2013-03-14

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[13] A1

[51] **Int.Cl. H01J 49/00 (2006.01) H01J 49/14 (2006.01) H01J 49/16 (2006.01)**  
[25] EN  
[54] **AUTOMATED TUNING FOR MALDI ION IMAGING**  
[54] **SYNTONISATION AUTOMATISEE POUR IMAGERIE IONIQUE A DESORPTION/IONISATION LASER ASSISTEE PAR MATRICE**  
[72] BROWN, JEFFERY MARK, GB  
[72] MURRAY, PAUL, GB  
[71] MICROMASS UK LIMITED, GB  
[85] 2015-09-10  
[86] 2014-03-14 (PCT/GB2014/050805)  
[87] (WO2014/140625)  
[30] GB (1304747.7) 2013-03-15  
[30] EP (13159559.7) 2013-03-15

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[21] **2,905,321**  
[13] A1

[51] **Int.Cl. A61F 9/008 (2006.01)**  
[25] EN  
[54] **LASER CAPSULOVITREOTOMY LASER**  
[54] **CAPSULO-VITRECTOMIE AU LASER**  
[72] SCHUELE, GEORG, US  
[72] STEVENS, JULIAN, US  
[72] ANDERSEN, DAN E., US  
[71] OPTIMEDICA CORPORATION, US  
[85] 2015-09-10  
[86] 2014-02-26 (PCT/US2014/018710)  
[87] (WO2014/143555)  
[30] US (61/785,672) 2013-03-14

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[21] **2,905,322**  
[13] A1

[51] **Int.Cl. H02M 1/12 (2006.01) H01F 27/33 (2006.01) H01F 27/34 (2006.01) H02P 27/06 (2006.01)**  
[25] EN  
[54] **AUTOTRANSFORMER SYSTEM REDUCING TOTAL HARMONIC DISTORTION**  
[54] **SYSTEME AUTOTRANSFORMATEUR REDUISANT LA DISTORSION HARMONIQUE TOTALE**  
[72] GARLOW, MARK E., US  
[72] HAMMEL, WILLIAM S., US  
[71] UNICO, INC., US  
[85] 2015-09-10  
[86] 2014-03-05 (PCT/US2014/020519)  
[87] (WO2014/158847)  
[30] US (61/781,715) 2013-03-14  
[30] US (13/868,693) 2013-04-23

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[21] **2,905,325**  
[13] A1

[51] **Int.Cl. F02K 1/76 (2006.01)**  
[25] EN  
[54] **ENGINE THRUST REVERSER LOCK**  
[54] **VERROUILLAGE D'INVERSEUR DE POUSSEE DE MOTEUR**  
[72] KOPECEK, JOSEPH THOMAS, US  
[72] ANAYA, JESUS, MX  
[72] STIEG, MICHAEL ALAN, US  
[72] OZANICH, BRENT MICHAEL, US  
[72] CONWAY, GEORGE, US  
[72] MEARS, JOHN STEPHEN, US  
[72] WILLETT, KENNETH, US  
[71] WOODWARD HRT, INC., US  
[85] 2015-09-10  
[86] 2014-03-05 (PCT/US2014/020557)  
[87] (WO2014/158852)  
[30] US (13/827,192) 2013-03-14

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[21] **2,905,327**  
[13] A1

[51] **Int.Cl. A61K 9/16 (2006.01) A61K 31/422 (2006.01) A61K 47/34 (2006.01) A61P 9/10 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND THEIR USE TO TREAT COMPLICATIONS OF ANEURYSMAL SUBARACHNOID HEMORRHAGE**  
[54] **COMPOSITIONS ET LEUR UTILISATION POUR TRAITER DES COMPLICATIONS D'UNE HEMORRAGIE SOUS-ARACHNOIDIENNE ANEVRYSMALE**  
[72] MACDONALD, R. LOCH, CA  
[71] EDGE THERAPEUTICS, INC., US  
[85] 2015-09-10  
[86] 2014-03-11 (PCT/US2014/023748)  
[87] (WO2014/164904)  
[30] US (13/793,767) 2013-03-11

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[21] **2,905,328**  
[13] A1

[51] **Int.Cl. C08G 75/00 (2006.01) B05D 3/02 (2006.01) C08F 2/50 (2006.01) C08J 7/04 (2006.01) C08L 81/00 (2006.01)**  
[25] EN  
[54] **RADIATION CURABLE POLYTHIOETHERS WITH ALKYNE-BASED LINKAGE**  
[54] **POLYTHIOETHERS DURCISSABLES PAR RAYONNEMENT A LIAISON A BASE D'ALCYNE**  
[72] YE, SHENG, US  
[72] WRIGHT, ROBIN E., US  
[72] ZOOK, JONATHAN D., US  
[72] DEMOSS, SUSAN E., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2015-09-10  
[86] 2014-03-05 (PCT/US2014/020587)  
[87] (WO2014/164103)  
[30] US (61/779,485) 2013-03-13

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[21] **2,905,330**  
[13] A1

[51] **Int.Cl. H04R 3/12 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MODIFYING A SOUND FIELD AT SPECIFIED POSITIONS WITHIN A GIVEN LISTENING SPACE**  
[54] **PROCEDE ET SYSTEME DE MODIFICATION D'UN CHAMP SONORE A DES POSITIONS SPECIFIEES A L'INTERIEUR D'UN ESPACE D'ECOUTE DONNEE**  
[72] FINCHAM, LAWRENCE R., US  
[72] BROWN, PETER, GB  
[71] THX LTD, US  
[85] 2015-09-10  
[86] 2014-03-11 (PCT/US2014/023755)  
[87] (WO2014/150598)  
[30] US (61/800,566) 2013-03-15

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[21] **2,905,331**  
[13] A1

[51] **Int.Cl. A47G 19/22 (2006.01) F16K 15/14 (2006.01)**  
[25] EN  
[54] **VALVE FOR A SIPPY CUP**  
[54] **VALVE POUR UNE TASSE**  
[72] WHARTON, STEVE, US  
[71] TERVIS TUMBLER COMPANY, US  
[85] 2015-09-10  
[86] 2014-03-05 (PCT/US2014/020654)  
[87] (WO2014/164118)  
[30] US (13/793,032) 2013-03-11

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[21] **2,905,332**  
[13] A1

[51] **Int.Cl. G21B 1/05 (2006.01)**  
[25] EN  
[54] **ROTATING HIGH-DENSITY FUSION REACTOR FOR ANEUTRONIC AND NEUTRONIC FUSION**  
[54] **REACTEUR ROTATIF DE FUSION A HAUTE DENSITE POUR FUSION ANEUTRONIQUE ET NEUTRONIQUE**  
[72] WONG, ALFRED Y., US  
[71] WONG, ALFRED Y., US  
[85] 2015-09-10  
[86] 2014-03-11 (PCT/US2014/023809)  
[87] (WO2014/204531)  
[30] US (61/776,592) 2013-03-11

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[21] **2,905,333**  
[13] A1

[51] **Int.Cl. A61F 9/007 (2006.01) A61F 9/013 (2006.01)**  
[25] EN  
[54] **DEVICE AND METHOD FOR CILIARY MUSCLE COMPRESSION FOR INCREASING THE AMPLITUDE OF ACCOMMODATION**  
[54] **DISPOSITIF ET PROCEDE POUR UNE COMPRESSION DU MUSCLE CILIAIRE POUR AUGMENTER L'AMPLITUDE D'ACCOMMODATION**  
[72] SCHACHAR, IRA H., US  
[72] SCHACHAR, RONALD A., US  
[71] SCHACHAR, IRA H., US  
[71] SCHACHAR, RONALD A., US  
[85] 2015-09-10  
[86] 2014-02-28 (PCT/US2014/019606)  
[87] (WO2014/149565)  
[30] US (13/840,707) 2013-03-15

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[21] **2,905,335**  
[13] A1

[51] **Int.Cl. C04B 41/89 (2006.01) F01D 5/28 (2006.01)**  
[25] EN  
[54] **RECESSION RESISTANT CERAMIC MATRIX COMPOSITES AND ENVIRONMENTAL BARRIER COATINGS**  
[54] **COMPOSITES A MATRICE CERAMIQUE RESISTANT AU RETRAIT ET REVETEMENT FORMANT UNE BARRIERE ENVIRONNEMENTALE**  
[72] LUTHRA, KRISHAN LAL, US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2015-09-10  
[86] 2014-03-11 (PCT/US2014/023099)  
[87] (WO2014/150380)  
[30] US (13/833,822) 2013-03-15

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[21] **2,905,337**  
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61K 48/00 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR TARGETING O-LINKED N-ACETYLGLUCOSAMINE TRANSFERASE AND PROMOTING WOUND HEALING**  
[54] **COMPOSITIONS ET METHODES DE CIBLAGE DE LA N-ACETYLGLUCOSAMINE TRANSFERASE A LIAISON O ET D'ACCELERATION DE LA CICATRISATION DES PLAIES**  
[72] RUBENSTEIN, DAVID, US  
[72] RUNAGER, KASPER, US  
[71] UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US  
[85] 2015-09-10  
[86] 2014-03-11 (PCT/US2014/023525)  
[87] (WO2014/164805)  
[30] US (61/775,937) 2013-03-11

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[21] **2,905,338**  
[13] A1

[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 50/28 (2012.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS OF DELIVERING PARCELS USING ATTENDED DELIVERY/PICKUP LOCATIONS**  
[54] **SYSTEMES ET PROCEDES DE LIVRAISON DE COLIS AU MOYEN DE SITES D'ENLEVEMENT ET DE LIVRAISON DESSERVIS**  
[72] LIEVENS, DANIEL, BE  
[72] DETHIER, VINCENT, BE  
[72] HENDRICKX, PETER, BE  
[72] PIRENNE, LUC, BE  
[72] PAYRE, DENIS, FR  
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US  
[85] 2015-09-10  
[86] 2014-03-11 (PCT/US2014/023538)  
[87] (WO2014/164811)  
[30] US (61/777,968) 2013-03-12  
[30] US (61/791,008) 2013-03-15  
[30] US (14/199,787) 2014-03-06

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[21] **2,905,339**  
[13] A1

[51] **Int.Cl. E21B 34/14 (2006.01)**  
[25] EN  
[54] **EXPANDABLE BALL SEAT FOR HYDRAULICALLY ACTUATING TOOLS**  
[54] **SIEGE DE ROTULE EXTENSIBLE POUR DES OUTILS A ACTIONNEMENT HYDRAULIQUE**  
[72] CASTRO, CANDIDO, US  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2015-09-10  
[86] 2014-03-11 (PCT/US2014/023103)  
[87] (WO2014/164646)  
[30] US (13/793,688) 2013-03-11

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[13] A1

[51] **Int.Cl. A61K 31/4995 (2006.01) A61P 11/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**

[25] EN

[54] **METHODS OF INHIBITING LEUKOTRIENE A4 HYDROLASE**

[54] **PROCEDES D'INHIBITION DE LA LEUCOTRIENE A4 HYDROLASE**

[72] SPRINGMAN, ERIC B., US

[72] PUGH, MARGARET MCCRANN, US

[72] BHATT, LOPA, US

[72] GROSSWALD, RALPH, US

[71] CELTAXSYS, INC., US

[85] 2015-09-10

[86] 2014-03-11 (PCT/US2014/023138)

[87] (WO2014/164658)

[30] US (61/776,981) 2013-03-12

[21] **2,905,341**  
[13] A1

[51] **Int.Cl. A61K 35/76 (2015.01) C12N 7/01 (2006.01) C12N 15/74 (2006.01)**

[25] EN

[54] **NON-REPLICATIVE TRANSDUCTION PARTICLES AND TRANSDUCTION PARTICLE-BASED REPORTER SYSTEMS**

[54] **PARTICULES DE TRANSDUCTION NON REPLICATIVE ET SYSTEMES RAPORTEURS A BASE DE PARTICULES DE TRANSDUCTION**

[72] REY, DIEGO ARIEL, US

[72] DEFOREST, NIKOL, US

[72] COX, HEATHER, US

[72] SHUKLA, SONI, US

[71] GENEWEAVE BIOSCIENCES, INC., US

[85] 2015-09-10

[86] 2014-03-13 (PCT/US2014/026536)

[87] (WO2014/160418)

[30] US (61/779,177) 2013-03-13

[30] US (61/897,040) 2013-10-29

[30] US (61/939,126) 2014-02-12

[21] **2,905,342**  
[13] A1

[51] **Int.Cl. B22C 9/04 (2006.01) B22D 18/04 (2006.01) B22D 18/06 (2006.01) B22D 27/04 (2006.01) B22D 30/00 (2006.01)**

[25] EN

[54] **METHODS FOR CASTING AGAINST GRAVITY**

[54] **PROCEDES DE COULEE CONTRE LA GRAVITE**

[72] BARRETT, JAMES RAPHORD, US

[72] SNOW, MICHAEL, US

[71] PCC STRUCTURALS, INC., US

[85] 2015-09-10

[86] 2014-03-11 (PCT/US2014/023323)

[87] (WO2014/159384)

[30] US (13/827,852) 2013-03-14

[21] **2,905,343**  
[13] A1

[51] **Int.Cl. C04B 41/87 (2006.01) C04B 41/89 (2006.01) C23C 14/06 (2006.01) F01D 5/28 (2006.01)**

[25] EN

[54] **COMPOSITE COATINGS AND METHODS THEREFOR**

[54] **REVETEMENTS COMPOSITES ET PROCEDES ASSOCIES**

[72] WAN, JULIN, US

[72] BRUN, MILIVOJ KONSTANTIN, US

[72] MESCHTER, PETER JOEL, US

[72] SARRAFI-NOUR, REZA, US

[72] LIPKIN, DON MARK, US

[71] GENERAL ELECTRIC COMPANY, US

[85] 2015-09-10

[86] 2014-03-11 (PCT/US2014/023331)

[87] (WO2014/150465)

[30] US (13/841,371) 2013-03-15

[21] **2,905,344**  
[13] A1

[51] **Int.Cl. C08L 61/24 (2006.01) C08K 5/00 (2006.01) C08K 5/21 (2006.01) C08L 75/00 (2006.01) C09J 161/24 (2006.01) C09J 175/00 (2006.01)**

[25] EN

[54] **UREA MIXTURES AND METHODS FOR MAKING AND USING SAME**

[54] **MELANGES A BASE D'UREE ET PROCEDES POUR LEUR FABRICATION ET LEUR UTILISATION**

[72] BREYER, ROBERT A., US

[72] CONTRERAS, NAYIBY, US

[72] OTJEN, JEFFREY J., US

[72] CANNON, MELISSA J., US

[71] GEORGIA-PACIFIC CHEMICALS LLC, US

[85] 2015-09-10

[86] 2014-03-12 (PCT/US2014/024628)

[87] (WO2014/159661)

[30] US (61/783,409) 2013-03-14

[21] **2,905,345**  
[13] A1

[51] **Int.Cl. A61B 17/03 (2006.01) A61B 17/56 (2006.01) A61F 2/00 (2006.01) A61F 2/02 (2006.01)**

[25] EN

[54] **SYSTEMS, TOOLS, AND METHODS FOR CONNECTING TO TISSUE**

[54] **SYSTEMES, OUTILS ET PROCEDES POUR RACCORDER UN TISSU**

[72] ALEXANDER, JAMES A., US

[72] VIKER, THOMAS O., US

[71] AMS RESEARCH CORPORATION, US

[85] 2015-09-10

[86] 2014-03-11 (PCT/US2014/023337)

[87] (WO2014/150468)

[30] US (61/789,179) 2013-03-15

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[13] A1

[51] **Int.Cl. C07K 16/44 (2006.01) C07J 9/00 (2006.01) C07J 43/00 (2006.01) C07K 14/00 (2006.01) G01N 33/566 (2006.01)**

[25] EN

[54] **NEUROACTIVE STEROIDS, COMPOSITIONS, AND USES THEREOF**

[54] **STEROIDES NEUROACTIFS, LEURS COMPOSITIONS ET UTILISATIONS**

[72] REDDY, KIRAN, US

[72] DOHERTY, JAMES, US

[71] SAGE THERAPEUTICS, INC., US

[85] 2015-09-10

[86] 2014-03-13 (PCT/US2014/026633)

[87] (WO2014/160441)

[30] US (61/780,671) 2013-03-13

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[21] **2,905,347**  
[13] A1

[51] **Int.Cl. A61F 2/02 (2006.01)**

[25] EN

[54] **IMPLANTS, TOOLS, AND METHODS FOR TREATING PELVIC CONDITIONS**

[54] **IMPLANTS, OUTILS ET METHODES POUR LE TRAITEMENT DES PATHOLOGIES PELVIENNES**

[72] SJOQUIST, SCOTT L., US

[71] AMS RESEARCH CORPORATION, US

[85] 2015-09-10

[86] 2014-03-11 (PCT/US2014/023362)

[87] (WO2014/159389)

[30] US (61/783,930) 2013-03-14

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[21] **2,905,348**  
[13] A1

[51] **Int.Cl. C22B 26/10 (2006.01) B01D 53/14 (2006.01) B01D 53/62 (2006.01) C01B 31/20 (2006.01) C01D 1/22 (2006.01) D21C 11/00 (2006.01)**

[25] EN

[54] **RECOVERING A CAUSTIC SOLUTION VIA CALCIUM CARBONATE CRYSTAL AGGREGATES**

[54] **RECUEIL D'UNE SOLUTION CAUSTIQUE AU MOYEN D'AGREGATS DE CRISTAUX DE CARBONATE DE CALCIUM**

[72] KEITH, DAVID WILLIAM, CA

[72] HEIDEL, KENTON ROBERT, CA

[72] RITCHIE, JANE ANNE, CA

[72] KAINTH, ARVINDER PAL SINGH, CA

[71] CARBON ENGINEERING LIMITED PARTNERSHIP, CA

[85] 2015-09-10

[86] 2014-03-11 (PCT/US2014/023368)

[87] (WO2014/164738)

[30] US (13/801,681) 2013-03-13

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[21] **2,905,349**  
[13] A1

[51] **Int.Cl. A61F 2/07 (2013.01) A61B 5/021 (2006.01) A61B 17/22 (2006.01) A61M 1/00 (2006.01) A61M 1/10 (2006.01) A61M 1/12 (2006.01)**

[25] EN

[54] **RENAL PUMP**

[54] **POMPE RENALE**

[72] SCHWAMMENTHAL, EHUD, IL

[72] TUVAL, YOSI, IL

[72] GLOZMAN, DANIEL, IL

[71] MAGENTA MEDICAL LTD., IL

[85] 2015-09-08

[86] 2014-03-13 (PCT/IL2014/050289)

[87] (WO2014/141284)

[30] US (61/779,803) 2013-03-13

[30] US (61/914,475) 2013-12-11

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[21] **2,905,350**  
[13] A1

[51] **Int.Cl. B65D 85/804 (2006.01)**

[25] EN

[54] **CAPSULE WITH MESSAGING SYSTEM**

[54] **CAPSULE COMPRENANT UN SYSTEME DE MESSAGERIE**

[72] TROMBETTA, LIBERATORE A., CA

[71] 2266170 ONTARIO INC., CA

[85] 2015-09-24

[86] 2014-03-25 (PCT/CA2014/050308)

[87] (WO2014/153659)

[30] US (61/804,979) 2013-03-25

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[21] **2,905,351**  
[13] A1

[51] **Int.Cl. H04M 3/51 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR PROVIDING SALES AND MARKETING ACCELERATION AND EFFECTIVENESS**

[54] **SYSTEME ET PROCEDE POUR ASSURER L'ACCELERATION ET L'EFFICACITE DES VENTES ET DU MARKETING**

[72] SOUNDAR, SENRAJ, US

[71] MICRO MACRO ASSETS LLC, US

[85] 2015-09-10

[86] 2014-03-11 (PCT/US2014/023417)

[87] (WO2014/164765)

[30] US (61/776,351) 2013-03-11

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[21] **2,905,352**  
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 35/12 (2015.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 37/02 (2006.01) C07K 14/705 (2006.01) C07K 16/00 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 9/90 (2006.01) C12N 15/61 (2006.01) C12N 15/62 (2006.01) C12N 15/85 (2006.01) C12N 15/86 (2006.01)**

[25] EN

[54] **METHODS FOR CONTROLLING T CELL PROLIFERATION**

[54] **PROCEDES DE REGULATION DE LA PROLIFERATION CELLULAIRE**

[72] SPENCER, DAVID, US

[72] FOSTER, AARON EDWARD, US

[72] SLAWIN, KEVIN, US

[71] BELLICUM PHARMACEUTICALS, INC., US

[85] 2015-09-10

[86] 2014-03-13 (PCT/US2014/026734)

[87] (WO2014/151960)

[30] US (61/783,445) 2013-03-14

[21] **2,905,353**  
[13] A1

[51] **Int.Cl. B23K 26/38 (2014.01) A61B 17/06 (2006.01)**

[25] EN

[54] **LASER SYSTEMS FOR DRILLING HOLES IN MEDICAL DEVICES**

[54] **SYSTEMES DE LASER DESTINES A PERCER DES TROUS DANS DES DISPOSITIFS MEDICAUX**

[72] MOSAVI, REZA K., US

[71] ETHICON, INC., US

[85] 2015-09-09

[86] 2014-02-28 (PCT/US2014/019321)

[87] (WO2014/163962)

[30] US (13/800,014) 2013-03-13

[21] **2,905,354**  
[13] A1

[51] **Int.Cl. H01H 9/02 (2006.01) H01H 21/02 (2006.01) H01H 23/02 (2006.01)**

[25] EN

[54] **WALL SWITCH WITH NIGHTLIGHT**

[54] **COMMUTEUR MURAL AVEC VEILLEUSE**

[72] MORTUN, SORIN, US

[71] HUBBELL INCORPORATED, US

[85] 2015-09-10

[86] 2014-03-13 (PCT/US2014/026754)

[87] (WO2014/151972)

[30] US (61/781,589) 2013-03-14

[30] US (14/206,679) 2014-03-12

[21] **2,905,355**  
[13] A1

[51] **Int.Cl. G06F 12/02 (2006.01) G06F 11/14 (2006.01)**

[25] EN

[54] **SYNCHRONOUS MIRRORING IN NON-VOLATILE MEMORY SYSTEMS**

[54] **ECRITURE MIROIR SYNCHRONE DANS DES SYSTEMES A MEMOIRE NON VOLATILE**

[72] KARAMCHETI, VIJAY, US

[72] MONDAL, SHIBABRATA, IN

[72] GOWDA, SWAMY, IN

[71] VIRIDENT SYSTEMS INC., US

[85] 2015-09-10

[86] 2014-03-13 (PCT/US2014/026773)

[87] (WO2014/151986)

[30] US (13/842,079) 2013-03-15

[21] **2,905,356**  
[13] A1

[51] **Int.Cl. A61K 36/80 (2006.01) A23L 1/30 (2006.01) A61K 31/35 (2006.01) A61K 31/352 (2006.01)**

[25] EN

[54] **THE COMPOSITION COMPRISING A PURIFIED EXTRACT ISOLATED FROM PSEUDOLYSIMACHION ROTUNDUM VAR. SUBINTEGRUM CONTAINING ABUNDANT AMOUNT OF ACTIVE INGREDIENT OR THE COMPOUNDS ISOLATED THEREFROM, AS AN ACTIVE INGREDIENT FOR PREVENTING OR TREATING CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND THE UEE THEREOF**

[54] **COMPOSITION COMPRENANT UN EXTRAIT PURIFIE ISOLE A PARTIR DE PSEUDOLYSIMACHION ROTUNDUM VAR. SUBINTEGRUM CONTENANT UNE QUANTITE ABONDANTE DE PRINCIPE ACTIF OU COMPOSES ISOLES DE CELUI-CI, COMME PRINCIPE ACTIF POUR LA PREVENTION OU LE TRAITEMENT D'UNE BRONCHOPNEUMOPATHIE CHRONIQUE OBSTRUCTIVE ET UTILISATION ASSOCIEE**

[72] LEE, YONGNAM, KR

[72] YOO, JI-SEOK, KR

[72] SHIN, DAE-HEE, KR

[72] RYOO, BYUNG-HWAN, KR

[72] AHN, KYUNG SEOP, KR

[72] OH, SEI RYANG, KR

[72] LEE, HYEONG KYU, KR

[72] SHIN, IN SIK, KR

[72] KIM, DOO YOUNG, KR

[72] KWON, OK-KYOUNG, KR

[72] SONG, HYUK HWAN, KR

[72] KIM, SEUNG HYUNG, KR

[72] LEE, SUUI, KR

[71] YUNGJIN PHARMACEUTICAL CO., LTD., KR

[71] KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY, KR

[85] 2015-09-21

[86] 2014-04-09 (PCT/KR2014/003080)

[87] (WO2014/168413)

[30] KR (10-2013-0039458) 2013-04-10

[30] KR (10-2014-0036245) 2014-03-27

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[13] A1  
[51] **Int.Cl. B29C 43/20 (2006.01) B29C 35/10 (2006.01) B29C 70/12 (2006.01)**  
[25] EN  
[54] **MOLDING PROCESS FOR INSULATION PRODUCT**  
[54] **PROCEDE DE MOULAGE POUR UN PRODUIT D'ISOLATION**  
[72] MUELLER, GERT RAINER JULIUS, US  
[72] ZEMBRODT, ROBERT W., US  
[72] APPELY, CHARLES F., US  
[72] JOHNSON, WALTER A., US  
[72] COLLINGS, STEVEN L., US  
[71] KNAUF INSULATION GMBH, US  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/US2014/024658)  
[87] (WO2014/165176)  
[30] US (61/779,732) 2013-03-13

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[21] **2,905,359**  
[13] A1  
[51] **Int.Cl. C07J 9/00 (2006.01) A61K 31/575 (2006.01) A61P 25/00 (2006.01) C07J 7/00 (2006.01)**  
[25] EN  
[54] **NEUROACTIVE STEROIDS AND METHODS OF USE THEREOF**  
[54] **STEROIDES NEUROACTIFS ET LEURS PROCEDES D'UTILISATION**  
[72] MARTINEZ BOTELLA, GABRIEL, US  
[72] HARRISON, BOYD L., US  
[72] ROBICHAUD, ALBERT J., US  
[72] SALITURO, FRANCESCO G., US  
[71] SAGE THERAPEUTICS, INC., US  
[85] 2015-09-10  
[86] 2014-03-13 (PCT/US2014/026784)  
[87] (WO2014/160480)  
[30] US (61/779,735) 2013-03-13

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[21] **2,905,360**  
[13] A1  
[51] **Int.Cl. B29C 45/16 (2006.01) B29C 45/27 (2006.01) B29C 45/28 (2006.01)**  
[25] EN  
[54] **INDIVIDUAL CAVITY FLOW CONTROL METHODS AND SYSTEMS FOR CO-INJECTON MOLDING**  
[54] **PROCEDES ET SYSTEMES DE COMMANDE D'ECOULEMENT DE CAVITE INDIVIDUELLE POUR MOULAGE A CO-INJECTEUR**  
[72] DUFFY, JOHN, US  
[72] HICKEY, SCOTT, US  
[71] KORTEC, INC., US  
[85] 2015-09-10  
[86] 2014-03-13 (PCT/US2014/026806)  
[87] (WO2014/152008)  
[30] US (61/785,964) 2013-03-14

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[21] **2,905,361**  
[13] A1  
[51] **Int.Cl. H01H 9/54 (2006.01)**  
[25] EN  
[54] **CONTROLLED SWITCHING DEVICES AND METHOD OF USING THE SAME**  
[54] **DISPOSITIFS DE COMMUTATION COMMANDES ET LEUR PROCEDE D'UTILISATION**  
[72] TAILLEFER, PIERRE, CA  
[72] LACROIX, MARC, CA  
[71] VIZIMAX INC., CA  
[85] 2015-09-21  
[86] 2014-12-22 (PCT/IB2014/067248)  
[87] (WO2015/092779)  
[30] US (61/919,617) 2013-12-20

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[21] **2,905,363**  
[13] A1  
[51] **Int.Cl. A61K 39/39 (2006.01) A61P 37/02 (2006.01) C12Q 1/02 (2006.01) G01N 33/48 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR MODULATING REGULATORY T CELL FUNCTION**  
[54] **PROCEDES ET COMPOSITIONS POUR LA MODULATION DE LA FONCTION DU LYMPHOCYTE T REGULATEUR**  
[72] WANG, RONGFU, US  
[71] WANG, RONGFU, US  
[85] 2015-09-10  
[86] 2014-03-14 (PCT/US2014/026940)  
[87] (WO2014/152092)  
[30] US (61/781,024) 2013-03-14

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[21] **2,905,365**  
[13] A1  
[51] **Int.Cl. A61K 9/48 (2006.01) A61K 9/52 (2006.01)**  
[25] EN  
[54] **SILK-BASED CAPSULES**  
[54] **CAPSULES A BASE DE SOIE**  
[72] DYAKONOV, TATYANA, US  
[72] BUSH, DEREK, US  
[72] GOSANGARI, SAUJANYA L., US  
[72] YANG, CHUE HUE, US  
[72] MAJURU, SHINGAI, US  
[72] FATMI, AQEEL, US  
[71] BANNER LIFE SCIENCES LLC, US  
[85] 2015-09-10  
[86] 2014-03-14 (PCT/US2014/026946)  
[87] (WO2014/152097)  
[30] US (61/790,890) 2013-03-15

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[21] **2,905,367**  
[13] A1  
[51] **Int.Cl. A61K 9/52 (2006.01) A61K 9/48 (2006.01)**  
[25] EN  
[54] **NON-GELATIN ENTERIC SOFT CAPSULES**  
[54] **CAPSULES ENTERIQUES MOLLES NE CONTENANT PAS DE GELATINE**  
[72] FANG, QI, US  
[72] HEFLIN, JOSH, US  
[72] HARIHARAN, MADHU, US  
[71] BANNER LIFE SCIENCES LLC, US  
[85] 2015-09-10  
[86] 2014-03-14 (PCT/US2014/026947)  
[87] (WO2014/152098)  
[30] US (61/792,521) 2013-03-15

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[21] **2,905,369**  
[13] A1

[51] **Int.Cl. C08L 61/04 (2006.01) C08G 14/04 (2006.01) C08K 5/36 (2006.01)**  
[25] EN  
[54] **METHODS FOR REDUCING THE SOLUBILITY OF PHENOLIC RESINS USING LATENT ACIDS**  
[54] **PROCEDES POUR REDUIRE LA SOLUBILITE DE RESINES PHENOLIQUES A L'AIDE D'ACIDES LATENTS**  
[72] BREYER, ROBERT A., US  
[72] CANNON, MELISSA J., US  
[72] JENNINGS, JESSICA D., US  
[72] YEAGER, DANIEL C., US  
[72] GOLLOB, LAWRENCE, US  
[71] GEORGIA-PACIFIC CHEMICALS LLC, US  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/US2014/024679)  
[87] (WO2014/159671)  
[30] US (61/782,712) 2013-03-14

[21] **2,905,372**  
[13] A1

[51] **Int.Cl. G08G 1/01 (2006.01) G08G 1/04 (2006.01)**  
[25] EN  
[54] **ROADWAY SENSING SYSTEMS**  
[54] **SYSTEMES DE DETECTION DE VOIE ROUTIERE**  
[72] STELZIG, CHAD, US  
[72] GOVINDARAJAN, KIRAN, US  
[72] SWINGEN, CORY, US  
[72] MIEZIANKO, ROLAND, US  
[72] BEKOOY, NICO, GB  
[71] IMAGE SENSING SYSTEMS, INC., US  
[85] 2015-09-10  
[86] 2014-03-13 (PCT/US2014/025668)  
[87] (WO2014/160027)

[21] **2,905,373**  
[13] A1

[51] **Int.Cl. H04W 12/06 (2009.01) H04L 29/06 (2006.01) H04W 76/02 (2009.01) H04W 84/18 (2009.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REMOTE PORTABLE WIRELESS DEVICE AUTHENTICATION**  
[54] **PROCEDE ET APPAREIL POUR AUTHENTIFICATION DE DISPOSITIF SANS FIL PORTABLE A DISTANCE**  
[72] SMITH, CLAYTON DOUGLAS, CA  
[72] KENT, LINDSAY MARTIN, CA  
[71] ENTRUST, INC., US  
[85] 2015-09-10  
[86] 2014-03-14 (PCT/US2014/027873)  
[87] (WO2014/143769)  
[30] US (13/836,431) 2013-03-15

[21] **2,905,375**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 47/02 (2006.01) A61P 31/00 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR REDUCING MICROORGANISMS IN THE OROPHARYNX, NASOPHARYNX AND ORAL CAVITIES**  
[54] **PROCEDES ET COMPOSITIONS POUR REDUIRE DES MICRO-ORGANISMES DANS L'OROPHARYNX, LE NASOPHARYNX ET LES CAVITES BUCCALES**  
[72] MITTENESS, BRADLEY M., US  
[72] PHILLIPS, CONNIE, US  
[71] CAMAS INCORPORATED, US  
[85] 2015-09-10  
[86] 2014-03-14 (PCT/US2014/027888)  
[87] (WO2014/143781)  
[30] US (61/788,513) 2013-03-15

[21] **2,905,377**  
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS TO IMPROVE THE SPREAD OF CHEMICAL SIGNALS IN PLANTS**  
[54] **PROCEDES ET COMPOSITIONS PERMETTANT D'AMELIORER LA PROPAGATION DE SIGNAUX CHIMIQUES DANS DES PLANTES**  
[72] MCBRIDE, KEVIN E., US  
[72] MCGONIGLE, BRIAN, US  
[72] YADAV, NARENDRA S., US  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US  
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2015-09-10  
[86] 2014-03-11 (PCT/US2014/023451)  
[87] (WO2014/164775)  
[30] US (61/776,296) 2013-03-11

[21] **2,905,378**  
[13] A1

[51] **Int.Cl. E01F 13/02 (2006.01) E01F 13/04 (2006.01) E01F 15/02 (2006.01)**  
[25] EN  
[54] **BARRIER SYSTEM AND CONNECTOR**  
[54] **SYSTEME DE BARRIERE ET CONNECTEUR**  
[72] STEPHENS, BARRY D., US  
[72] WELCH, JAMES B., US  
[71] TRINITY HIGHWAY PRODUCTS, LLC, US  
[85] 2015-09-10  
[86] 2014-03-13 (PCT/US2014/025709)  
[87] (WO2014/151426)  
[30] US (61/791,675) 2013-03-15

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[21] **2,905,379**  
[13] A1

[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 50/28 (2012.01)**

[25] EN

[54] **SYSTEMS AND METHODS OF SUGGESTING ATTENDED DELIVERY/PICKUP LOCATIONS**

[54] **SYSTEMES ET PROCEDES DE SUGGESTION D'EMPLACEMENTS DE LIVRAISON/D'ENLEVEMENT DESSERVIS**

[72] LIEVENS, DANIEL, BE  
[72] DETHIER, VINCENT, BE  
[72] HENDRICKX, PETER, BE  
[72] PIRENNE, LUC, BE  
[72] PAYRE, DENIS, FR  
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US  
[85] 2015-09-10  
[86] 2014-03-11 (PCT/US2014/023554)  
[87] (WO2014/164820)  
[30] US (61/777,968) 2013-03-12  
[30] US (61/791,008) 2013-03-15  
[30] US (14/199,830) 2014-03-06

[21] **2,905,380**  
[13] A1

[51] **Int.Cl. F17C 5/06 (2006.01) F17C 13/04 (2006.01)**

[25] EN

[54] **BASE MANIFOLD AND SYSTEM FOR FILLING CONTAINERS WITH GAS**

[54] **COLLECTEUR DE BASE ET SYSTEME POUR LE REMPLISSAGE DE RECIPIENTS AVEC DU GAZ**

[72] RADO, GORDON E., US  
[71] SCOTT TECHNOLOGIES, INC., US  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/US2014/023981)  
[87] (WO2014/159516)  
[30] US (61/779,204) 2013-03-13

[21] **2,905,381**  
[13] A1

[51] **Int.Cl. B65D 5/02 (2006.01) B65D 5/04 (2006.01) B65D 5/36 (2006.01)**

[25] EN

[54] **PACKAGING SLEEVE**

[54] **MANCHON D'EMBALLAGE**

[72] FATH, SCOTT, US  
[72] SOUSA, RYAN J., US  
[72] RINEHART, STEVEN R., US  
[71] ALTRIA CLIENT SERVICES INC., US  
[85] 2015-09-10  
[86] 2014-03-13 (PCT/US2014/025712)  
[87] (WO2014/151429)  
[30] US (13/843,449) 2013-03-15

[21] **2,905,382**  
[13] A1

[51] **Int.Cl. B01D 53/02 (2006.01)**

[25] EN

[54] **MULTICOMPONENT COMPOSITIONS FOR MERCURY REMOVAL**

[54] **COMPOSITIONS A MULTIPLES COMPOSANTS POUR L'ELIMINATION DU MERCURE**

[72] BUTZ, JAMES ROBERT, US  
[72] LUCARELLI, MICHAEL A., US  
[71] NOVINDA CORPORATION, US  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/US2014/023989)  
[87] (WO2014/164975)  
[30] US (61/778,778) 2013-03-13

[21] **2,905,383**  
[13] A1

[51] **Int.Cl. A61C 8/00 (2006.01)**

[25] EN

[54] **DENTAL IMPLANT WITH IMPROVED PROSTHETIC INTERFACE**

[54] **IMPLANT DENTAIRE AYANT UNE INTERFACE PROTHETIQUE AMELIOREE**

[72] SANCHEZ, RAMIRO, US  
[72] BASSETT, JEFFREY, US  
[71] ZIMMER DENTAL, INC., US  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/US2014/024046)  
[87] (WO2014/150713)  
[30] US (61/801,137) 2013-03-15

[21] **2,905,384**  
[13] A1

[51] **Int.Cl. H04L 12/16 (2006.01) G06Q 50/10 (2012.01) G06F 19/00 (2011.01) H04L 12/58 (2006.01) G06K 9/18 (2006.01)**

[25] EN

[54] **VIRTUAL SHOP FOR ELECTRONIC GREETING CARDS**

[54] **BOUTIQUE VIRTUELLE POUR CARTES DE VIDEUX ELECTRONIQUES**

[72] NOYES, DAVID, US  
[72] DRENIK, KATIE, US  
[72] MATOUSEK, ROBERT, US  
[71] AMERICAN GREETINGS CORPORATION, US  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/US2014/024074)  
[87] (WO2014/164998)  
[30] US (61/778,408) 2013-03-12

[21] **2,905,385**  
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR ARRANGING AND SEARCHING A DATABASE OF MEDIA CONTENT RECORDINGS**

[54] **PROCEDES ET SYSTEMES PERMETTANT D'AGENCER UNE BASE DE DONNEES D'ENREGISTREMENTS DE CONTENU MULTIMEDIA ET D'Y EFFECTUER DES RECHERCHES**

[72] WANG, AVERY LI-CHUN, US  
[72] WOODHEAD, IRA JOSEPH, US  
[72] ELSEN, ERICH KONRAD, US  
[71] SHAZAM INVESTMENTS LTD., GB  
[71] WANG, AVERY LI-CHUN, US  
[71] WOODHEAD, IRA JOSEPH, US  
[71] ELSEN, ERICH KONRAD, US  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/US2014/024117)  
[87] (WO2014/150746)  
[30] US (13/837,284) 2013-03-15

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[13] A1

[51] **Int.Cl. E06B 3/72 (2006.01) B29C 51/08 (2006.01)**

[25] EN

[54] **REINFORCED DOOR SKIN, REINFORCED DOOR INCLUDING SAME, AND METHODS OF MAKING SAME**

[54] **REVETEMENT DE PORTE RENFORCE, PORTE RENFORCEE LE COMPRENANT, ET SES PROCEDES DE FABRICATION**

[72] SWARTZMILLER, STEVEN, US

[72] PFAU, JAMES, US

[72] BRYANT, JAMES, US

[72] LILLIE, KURT, US

[71] MASONITE CORPORATION, US

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[87] (WO2014/165080)

[30] US (61/777,180) 2013-03-12

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[51] **Int.Cl. C07K 14/78 (2006.01) C12N 5/09 (2010.01) C12N 5/095 (2010.01) C12Q 1/02 (2006.01)**

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[54] **AN EX VIVO HUMAN MULTIPLE MYELOMA CANCER NICHE AND ITS USE AS A MODEL FOR MULTIPLE MYELOMA**

[54] **NICHE DE CANCER DE MYELOME MULTIPLE HUMAIN EX VIVO ET SON UTILISATION COMME MODELE POUR LE MYELOME MULTIPLE**

[72] LEE, WOO, US

[72] ZHANG, WENTING, US

[72] TOLIAS, PETER, US

[72] WANG, HONGJUN, US

[72] ZILBERBERG, JENNY, US

[72] SIEGEL, DAVID SAMUEL, US

[71] HACKENSACK UNIVERSITY MEDICAL CENTER, US

[71] TRUSTEES OF THE STEVENS INSTITUTE OF TECHNOLOGY, US

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[87] (WO2014/159707)

[30] US (13/827,170) 2013-03-14

[21] **2,905,391**  
[13] A1

[51] **Int.Cl. A01H 1/00 (2006.01) A01H 5/00 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS FOR INCREASING EFFICIENCY OF INCREASED EFFICIENCY OF TARGETED GENE MODIFICATION USING OLIGONUCLEOTIDE-MEDIATED GENE REPAIR**

[54] **PROCEDES ET COMPOSITIONS DESTINES A AUGMENTER L'EFFICACITE DE L'EFFICACITE AUGMENTEE DE LA MODIFICATION DE GENE CIBLE AU MOYEN DE LA REPARATION DE GENE MEDIEE PAR UN OLIGONUCLEOTIDE**

[72] BEETHAM, PETER R., US

[72] GOCAL, GREGORY F.W., US

[72] SCHOPKE, CHRISTIAN, US

[72] SAUER, NOEL JOY, US

[72] PEARCE, JAMES, US

[72] SEGAMI, ROSA E., US

[72] MOZORUK, JERRY, US

[71] CIBUS US LLC, US

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[30] US (61/801,333) 2013-03-15

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[13] A1

[51] **Int.Cl. A61M 1/16 (2006.01) A61L 2/00 (2006.01) A61L 2/10 (2006.01) A61M 1/28 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR PERITONEAL DIALYSIS EXCHANGES HAVING REUSABLE ENERGIZING UNIT**

[54] **SYSTEME ET METHODE D'ECHANGES DE DIALYSE PERITONEALE COMPRENANT UNE UNITE D'ALIMENTATION REUTILISABLE**

[72] MINKUS, MARC S., US

[71] BAXTER INTERNATIONAL INC., US

[71] BAXTER HEALTHCARE S.A., CH

[85] 2015-09-10

[86] 2014-03-11 (PCT/US2014/023566)

[87] (WO2014/159420)

[30] US (61/784,562) 2013-03-14

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[21] **2,905,394**  
[13] A1

[51] **Int.Cl. B29D 24/00 (2006.01)**

[25] EN

[54] **STOCK ROLLS CONTAINING A FIRST FOLDED FILM WITHIN A SECOND FOLDED FILM AND METHODS OF MAKING THE SAME**

[54] **ROULEAUX DE MATIERE CONTENANT UN PREMIER FILM PLIE A L'INTERIEUR D'UN SECOND FILM PLIE ET PROCEDES DE FABRICATION CORRESPONDANTS**

[72] BINGER, SCOTT W., US

[72] WOGELIUS, DONALD E., US

[72] MAXWELL, JASON R., US

[71] THE GLAD PRODUCTS COMPANY, US

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[13] A1

[51] **Int.Cl. E21B 10/43 (2006.01) E21B 10/573 (2006.01)**

[25] EN

[54] **DRILL BIT WITH EXTENSION ELEMENTS IN HYDRAULIC COMMUNICATIONS TO ADJUST LOADS THEREON**

[54] **TREPAN AVEC ELEMENTS D'EXTENSION EN COMMUNICATION HYDRAULIQUE POUR REGLER LES CHARGES SUR CE DERNIER**

[72] BILEN, JUAN MIGUEL, US

[71] BAKER HUGHES INCORPORATED, US

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[54] **TOBACCO CONTAINER WITH PLASTIC INSERT**  
[54] **RECIPIENT DE TABAC AYANT UN INSERT EN PLASTIQUE**  
[72] SIMS, BART, US  
[72] PFOHL, JASON, US  
[72] GERMAN, GALEN G., US  
[71] CROWN PACKAGING TECHNOLOGY, INC., US  
[85] 2015-09-10  
[86] 2014-03-14 (PCT/US2014/027898)  
[87] (WO2014/143788)  
[30] US (13/834,943) 2013-03-15

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[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS EMPLOYING A SULFONYLUREA-DEPENDENT STABILIZATION DOMAIN**  
[54] **PROCEDES ET COMPOSITIONS FAISANT APPEL A UN DOMAINE DE STABILISATION PENDANT DE LA SULFONYLUREE**  
[72] MCBRIDE, KEVIN E., US  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US  
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[30] US (61/776,124) 2013-03-11

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[13] A1

[51] **Int.Cl. B67D 1/12 (2006.01) B67D 1/08 (2006.01)**  
[25] EN  
[54] **PRODUCT DISPENSING SYSTEM**  
[54] **SYSTEME DE DISTRIBUTION DE PRODUIT**  
[72] BIASI, JOHN J., US  
[72] BEAVIS, RUSSELL H., US  
[72] GOULET, MICHAEL J., US  
[72] PRIBYL, ERIC L., US  
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US  
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[30] US (13/803,434) 2013-03-14

[21] **2,905,403**  
[13] A1

[51] **Int.Cl. A61K 31/44 (2006.01) A61K 9/10 (2006.01) A61K 9/127 (2006.01) A61P 25/00 (2006.01)**  
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[54] **TREATMENT FOR CHEMOTHERAPY-INDUCED COGNITIVE IMPAIRMENT**  
[54] **TRAITEMENT D'UN DEFICIT COGNITIF INDUIT PAR UNE CHIMIOThERAPIE**  
[72] GHANBARI, HOSSEIN A., US  
[72] JIANG, ZHI-GANG, US  
[71] PANACEA PHARMACEUTICALS, US  
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[30] US (13/803,482) 2013-03-14

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[13] A1

[51] **Int.Cl. A61K 31/726 (2006.01) A61K 8/34 (2006.01) A61K 8/73 (2006.01) A61P 1/02 (2006.01) A61P 31/04 (2006.01) A61Q 11/00 (2006.01)**  
[25] EN  
[54] **ORAL FORMULATION OF POLYGLUCOSAMINE DERIVATIVES IN COMBINATION WITH A NON-FERMENTABLE SUGAR**  
[54] **FORMULATION DE DERIVES DE POLYGLUCOSAMINE A USAGE ORAL EN COMBINAISON AVEC UN SUCRE NON FERMENTABLE**  
[72] TOWNSEND, STACY M., US  
[72] BAKER, SHENDA, US  
[72] WIESMANN, WILLIAM P., US  
[71] SYNEDGEN, INC., US  
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[30] US (61/778,077) 2013-03-12

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[13] A1

[51] **Int.Cl. A61F 7/02 (2006.01) A61H 9/00 (2006.01)**  
[25] EN  
[54] **A SYSTEM FOR REGULATING CORE BODY TEMPERATURE**  
[54] **SYSTEME DE REGULATION DE LA TEMPERATURE CORPORELLE**  
[72] SANTA MARIA, PETER, US  
[72] HSUEH, BRIAN, US  
[72] KANNARD, BRIAN, US  
[72] LAL, RITU, US  
[72] RAMANI, ABHINAV, US  
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[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US  
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[30] US (61/776,791) 2013-03-12  
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[13] A1

[51] **Int.Cl. A61F 13/475 (2006.01) D04H 1/4291 (2012.01) D04H 3/007 (2012.01) A61F 13/494 (2006.01) A61F 13/514 (2006.01)**  
[25] EN  
[54] **METHODS FOR FORMING ABSORBENT ARTICLES WITH NONWOVEN SUBSTRATES**  
[54] **PROCEDES DE FORMATION D'ARTICLES ABSORBANTS AYANT DES SUBSTRATS NON TISSES**  
[72] CHENG, CALVIN HOI WUNG, US  
[72] ISELE, OLAF ERIK ALEXANDER, US  
[72] UDENGAARD, BRIAN, DK  
[71] THE PROCTER & GAMBLE COMPANY, US  
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[30] US (13/833,456) 2013-03-15

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[13] A1

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[25] EN  
[54] **SYSTEMS AND METHODS FOR RANKING POTENTIAL ATTENDED DELIVERY/PICKUP LOCATIONS**  
[54] **SYSTEMES ET PROCEDES POUR CLASSER DES POSITIONS DE DISTRIBUTION/PRISE EN CHARGE POTENTIELLES SOUS SURVEILLANCE**  
[72] SCHENKEN, CHRISTOPHER, US  
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US  
[85] 2015-09-10  
[86] 2014-03-11 (PCT/US2014/023665)  
[87] (WO2014/164871)  
[30] US (61/777,968) 2013-03-12  
[30] US (61/791,008) 2013-03-15  
[30] US (14/201,354) 2014-03-07

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[13] A1

[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/28 (2006.01) A61K 9/48 (2006.01) A61K 31/00 (2006.01)**  
[25] EN  
[54] **STABILIZED MODIFIED RELEASE VITAMIN D FORMULATION AND METHOD OF ADMINISTERING SAME**  
[54] **FORMULATION DE VITAMINE D A LIBERATION MODIFIEE STABILISEE ET SON PROCEDE D'ADMINISTRATION**  
[72] WHITE, JAY A., CA  
[72] MELNICK, JOEL Z., US  
[72] AGUDOAWU, SAMMY A., CA  
[72] TABASH, SAMIR P., CA  
[71] OPKO IRELAND GLOBAL HOLDINGS, LTD., KY  
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[30] US (61/801,896) 2013-03-15

[21] **2,905,415**  
[13] A1

[51] **Int.Cl. B63H 1/00 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR PROPELLING FLUID, ESPECIALLY FOR PROPULSION OF A FLOATING VEHICLE**  
[54] **APPAREIL POUR PROPULSER UN FLUIDE, EN PARTICULIER POUR LA PROPULSION D'UN VEHICULE FLOTTANT**  
[72] RESTEA, JOHN IOAN, US  
[71] RESTEA, JOHN IOAN, US  
[85] 2015-09-10  
[86] 2014-03-11 (PCT/US2014/023696)  
[87] (WO2014/150585)  
[30] US (13/844,071) 2013-03-15

[21] **2,905,418**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/137 (2006.01) A61K 31/365 (2006.01) A61K 31/437 (2006.01) A61K 31/505 (2006.01) A61K 31/52 (2006.01) A61K 31/65 (2006.01) A61K 31/704 (2006.01) A61K 31/706 (2006.01) A61K 31/7064 (2006.01) A61K 31/711 (2006.01) A61K 31/712 (2006.01) A61P 35/00 (2006.01)**  
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[54] **METHODS FOR MODULATING CHEMOTHERAPEUTIC CYTOTOXICITY**  
[54] **PROCEDES DE MODULATION DE LA CYTOTOXICITE CHIMIOTHERAPEUTIQUE**  
[72] ROBERTS, DAVID D., US  
[72] SOTO PANTOJA, DAVID R., US  
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US  
[85] 2015-09-10  
[86] 2014-03-13 (PCT/US2014/025989)  
[87] (WO2014/160183)  
[30] US (61/779,587) 2013-03-13

[21] **2,905,421**  
[13] A1

[51] **Int.Cl. G01N 30/02 (2006.01) G01N 1/40 (2006.01) G01N 30/54 (2006.01) G01N 33/24 (2006.01)**  
[25] EN  
[54] **DEVICES, SYSTEMS AND METHODS FOR ANALYZING FLUID STREAMS**  
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES POUR L'ANALYSE DE COURANTS DE FLUIDE**  
[72] MAROTTA, LEE, US  
[71] PERKINELMER HEALTH SCIENCES, INC., US  
[85] 2015-09-10  
[86] 2014-03-13 (PCT/US2014/026052)  
[87] (WO2014/160208)  
[30] US (61/784,003) 2013-03-14

[21] **2,905,422**  
[13] A1

[51] **Int.Cl. A61F 2/04 (2013.01) A61F 2/24 (2006.01) A61M 29/00 (2006.01) A61M 29/02 (2006.01)**  
[25] EN  
[54] **EMBOLIC PROTECTION DEVICES AND METHODS OF USE**  
[54] **DISPOSITIFS DE PROTECTION CONTRE L'EMBOLIE ET LEURS PROCEDES D'UTILISATION**  
[72] ZHANG, JI, CA  
[71] CARDIOVANTAGE MEDICAL, INC., US  
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[30] US (61/782,002) 2013-03-14

[21] **2,905,425**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR ISOLATING NUCLEIC ACIDS**  
[54] **SYSTEMES ET METHODES PERMETTANT D'ISOLER LES ACIDES NUCLEIQUES**  
[72] GUNDLING, GERARD, US  
[72] KOWAL, ROBERT, US  
[72] GRANADOS, EDWARD, US  
[72] SOLOMON, NATALIE, US  
[72] MAK, WAI-BING, US  
[72] SZOSTAK, MAGDALENA, US  
[71] ABBOTT MOLECULAR INC., US  
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[13] A1

[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/4439 (2006.01) A61K 31/4704 (2006.01) A61K 31/4725 (2006.01) C07D 207/36 (2006.01) C07D 401/10 (2006.01) C07D 403/04 (2006.01) C07D 403/12 (2006.01) C07D 403/13 (2006.01) C07D 403/14 (2006.01) C07D 407/12 (2006.01) C07D 409/10 (2006.01) C07D 409/12 (2006.01) C07D 413/10 (2006.01) C07D 471/04 (2006.01)**

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[54] **PYRROLE AMIDE INHIBITORS**  
[54] **INHIBITEURS DE PYRROLE-AMIDE**

[72] HASVOLD, LISA A., US  
[72] LIU, DACHUN, US  
[72] PRATT, JOHN K., US  
[72] SHEPPARD, GEORGE S., US  
[72] MCDANIEL, KEITH F., US  
[72] ELMORE, STEVEN W., US  
[72] HUBBARD, ROBERT D., US  
[71] ABBVIE INC., US  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/US2014/024508)  
[87] (WO2014/165127)  
[30] US (61/777,749) 2013-03-12

[21] **2,905,427**  
[13] A1

[51] **Int.Cl. A61B 3/10 (2006.01)**

[25] EN  
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[54] **SYSTEME ET PROCEDE POUR REALITE AUGMENTEE ET VIRTUELLE**

[72] MILLER, SAMUEL A., US  
[72] ABOVITZ, RONY, US  
[71] MAGIC LEAP, INC., US  
[85] 2015-09-10  
[86] 2014-03-11 (PCT/US2014/023739)  
[87] (WO2014/164901)  
[30] US (61/776,771) 2013-03-11

[21] **2,905,429**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 9/24 (2006.01) C12P 19/34 (2006.01)**

[25] EN  
[54] **MINIMIZING ERRORS USING URACIL-DNA-N-GLYCOSYLASE**  
[54] **MINIMISATION D'ERREURS UTILISANT DE L'URACIL-ADN-N-GLYCOSYLASE**

[72] SHAH, ANKUR, US  
[72] CHOI, WON, US  
[71] ABBOTT MOLECULAR INC., US  
[85] 2015-09-10  
[86] 2014-03-13 (PCT/US2014/026163)  
[87] (WO2014/160254)  
[30] US (61/782,698) 2013-03-14

[21] **2,905,432**  
[13] A1

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

[25] EN  
[54] **COMPOSITIONS AND METHODS OF NUCLEIC ACID-TARGETING NUCLEIC ACIDS**  
[54] **COMPOSITIONS ET PROCEDES POUR DES ACIDES NUCLEIQUES A CIBLAGE D'ACIDE NUCLEIQUE**

[72] MAY, ANDREW PAUL, US  
[72] HAURWITZ, RACHEL E., US  
[72] DOUDNA, JENNIFER A., US  
[72] BERGER, JAMES M., US  
[72] CARTER, MATTHEW MERRILL, US  
[72] DONOHOU, PAUL, US  
[71] CARIBOU BIOSCIENCES, INC., US  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/US2014/023828)  
[87] (WO2014/150624)  
[30] US (61/781,598) 2013-03-14  
[30] US (61/818,386) 2013-05-01  
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[30] US (61/822,002) 2013-05-10  
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[30] US (61/845,714) 2013-07-12  
[30] US (61/858,767) 2013-07-26  
[30] US (61/859,661) 2013-07-29  
[30] US (61/865,743) 2013-08-14  
[30] US (61/883,804) 2013-09-27  
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[30] US (61/902,723) 2013-11-11  
[30] US (61/903,232) 2013-11-12  
[30] US (61/906,211) 2013-11-19  
[30] US (61/906,335) 2013-11-19  
[30] US (61/907,216) 2013-11-21  
[30] US (61/907,777) 2013-11-22

[21] **2,905,434**  
[13] A1

[51] **Int.Cl. A61M 25/16 (2006.01)**

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[54] **A CATHETER ASSEMBLY**  
[54] **ENSEMBLE CATHETER**

[72] STIMPSON, PHILIP G., US  
[71] LABORIE, CA  
[85] 2015-09-10  
[86] 2014-03-13 (PCT/US2014/026271)  
[87] (WO2014/160300)  
[30] US (61/779,996) 2013-03-13  
[30] US (61/867,395) 2013-08-19

[21] **2,905,436**  
[13] A1

[51] **Int.Cl. G06K 19/06 (2006.01)**

[25] EN  
[54] **MATRIX BARCODES ON CAN COMPONENTS**  
[54] **CODES-BARRES MATRICIELS SUR COMPOSANTS DE CANETTES**

[72] RAMSEY, CHRISTOPHER PAUL, GB  
[71] CROWN PACKAGING TECHNOLOGY, INC., US  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/US2014/023878)  
[87] (WO2014/150647)  
[30] US (61/787,742) 2013-03-15

[21] **2,905,439**  
[13] A1

[51] **Int.Cl. A61B 5/08 (2006.01) A61B 5/1455 (2006.01) A61M 16/12 (2006.01)**

[25] EN  
[54] **DEVICES AND METHODS FOR MONITORING OXYGENATION DURING TREATMENT WITH DELIVERY OF NITRIC OXIDE**  
[54] **DISPOSITIF ET PROCEDES POUR SURVEILLER L'OXYGENATION PENDANT UN TRAITEMENT AVEC ADMINISTRATION DE MONOXYDE D'AZOTE**

[72] FLANAGAN, CRAIG, US  
[72] NEWMAN, DAVID, US  
[72] ACKER, JARON, US  
[72] TOLMIE, CRAIG R., US  
[71] INO THERAPEUTICS LLC, US  
[85] 2015-09-10  
[86] 2014-03-13 (PCT/US2014/026418)  
[87] (WO2014/160373)  
[30] US (61/779,301) 2013-03-13  
[30] US (14/209,096) 2014-03-13

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[13] A1

[51] **Int.Cl. A61K 51/12 (2006.01) A61K 49/00 (2006.01)**  
[25] EN  
[54] **SINGLE-POINT GASTRIC EMPTYING BREATH TESTS**  
[54] **TESTS RESPIRATOIRES DE VIDANGE GASTRIQUE A POINT UNIQUE**  
[72] BUSH, KERRY C., US  
[71] ADVANCED BREATH DIAGNOSTICS, LLC, US  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/US2014/023921)  
[87] (WO2014/159497)  
[30] US (13/798,341) 2013-03-13

[21] **2,905,443**  
[13] A1

[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 30/02 (2012.01) G06F 17/40 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR GENERATING A SINGLE-USE TIME-LIMITED PURCHASE CODE**  
[54] **SYSTEME ET PROCEDE POUR GENERER UN CODE D'ACHAT LIMITE DANS LE TEMPS A UTILISATION UNIQUE**  
[72] COOK, VICTOR, US  
[72] HARTNETT, TARYN, US  
[71] ALT PAY HOLDINGS LLC, US  
[85] 2015-09-10  
[86] 2014-03-13 (PCT/US2014/026477)  
[87] (WO2014/151806)  
[30] US (13/802,749) 2013-03-14

[21] **2,905,445**  
[13] A1

[51] **Int.Cl. A61M 25/09 (2006.01) A61B 5/00 (2006.01) A61B 8/12 (2006.01) A61B 18/00 (2006.01)**  
[25] EN  
[54] **MULTICONDUCTOR GUIDEWIRE WITH CHORDAL SURFACE**  
[54] **FIL GUIDE MULTICONDUCTEUR AVEC SURFACE CHORDALE**  
[72] LUPTON, HENRY W., IE  
[71] LAKE REGION MANUFACTURING, INC., US  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/US2014/023935)  
[87] (WO2014/164962)  
[30] US (61/777,260) 2013-03-12

[21] **2,905,446**  
[13] A1

[51] **Int.Cl. A01H 1/00 (2006.01)**  
[25] EN  
[54] **PLANT REGULATORY ELEMENTS AND USES THEREOF**  
[54] **ELEMENTS REGULATEURS DE PLANTE ET UTILISATIONS DE CEUX-CI**  
[72] FLASINSKI, STANISLAW, US  
[72] ZHANG, JUN, US  
[72] ZHAO, SULING, US  
[71] MONSANTO TECHNOLOGY LLC, US  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/US2014/024511)  
[87] (WO2014/159632)  
[30] US (61/785,245) 2013-03-14

[21] **2,905,449**  
[13] A1

[51] **Int.Cl. A61K 38/47 (2006.01) C12N 5/077 (2010.01) A61P 3/00 (2006.01) A61P 19/02 (2006.01) C12N 9/80 (2006.01) C12N 15/55 (2006.01)**  
[25] EN  
[54] **THERAPEUTIC ACID CERAMIDASE COMPOSITIONS AND METHODS OF MAKING AND USING THEM**  
[54] **COMPOSITIONS THERAPEUTIQUES DE CERAMIDASE ACIDE ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**  
[72] SCHUCHMAN, EDWARD H., US  
[71] ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, US  
[85] 2015-09-10  
[86] 2014-03-13 (PCT/US2014/026481)  
[87] (WO2014/160390)  
[30] US (61/784,594) 2013-03-14

[21] **2,905,450**  
[13] A1

[51] **Int.Cl. F02C 7/00 (2006.01) B08B 3/02 (2006.01) F01D 25/00 (2006.01)**  
[25] EN  
[54] **REAR MOUNTED WASH MANIFOLD RETENTION SYSTEM**  
[54] **SYSTEME DE RETENUE POUR RAMPE DE DISTRIBUTION A MONTAGE ARRIERE**  
[72] DORSHIMER, KURT, US  
[72] WELCH, WILLIAM J., US  
[72] RICE, ROBERT M., US  
[72] NORDLUND, SEBASTIAN, SE  
[72] ZADRICK, WAYNE, US  
[71] ECOSERVICES, LLC, US  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/US2014/024559)  
[87] (WO2014/159641)  
[30] US (13/799,613) 2013-03-13

[21] **2,905,452**  
[13] A1

[51] **Int.Cl. C07D 261/02 (2006.01) C07C 233/07 (2006.01) C07D 213/60 (2006.01) C07D 239/22 (2006.01)**  
[25] EN  
[54] **INHIBITORS OF INDOLEAMINE 2,3-DIOXYGENASE (IDO)**  
[54] **INHIBITEURS DE L'INDOLEAMINE 2,3-DIOXYGENASE (IDO)**  
[72] BALOG, JAMES AARON, US  
[72] HUANG, AUDRIS, US  
[72] CHEN, BIN, US  
[72] CHEN, LIBING, US  
[72] SEITZ, STEVEN P., US  
[72] HART, AMY C., US  
[72] MARKWALDER, JAY A., US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2015-09-10  
[86] 2014-03-12 (PCT/US2014/023948)  
[87] (WO2014/150677)  
[30] US (61/791,224) 2013-03-15

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[13] A1

[51] **Int.Cl. B08B 3/02 (2006.01) B05D 1/04 (2006.01) F02C 7/00 (2006.01)**

[25] EN

[54] **REAR MOUNTED WASH MANIFOLD AND PROCESS**

[54] **TUBULURE DE LAVAGE MONTEE A L'ARRIERE ET PROCEDE**

[72] DORSHIMER, KURT, US

[72] WELCH, WILLIAM J., US

[72] RICE, ROBERT M., US

[72] NORDLUND, SEBASTIAN, SE

[72] ZADRICK, WAYNE, US

[71] ECOSERVICES, LLC, US

[85] 2015-09-10

[86] 2014-03-12 (PCT/US2014/024573)

[87] (WO2014/165154)

[30] US (13/799,545) 2013-03-13

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[21] **2,905,457**  
[13] A1

[51] **Int.Cl. A61K 31/03 (2006.01) A61K 31/198 (2006.01) A61P 21/00 (2006.01) C07C 31/04 (2006.01) C07C 269/04 (2006.01) C07C 271/20 (2006.01)**

[25] EN

[54] **TREATMENT OF CATAPLEXY**

[54] **TRAITEMENT DE LA CATAPLEXIE**

[72] KHAYRALLAH, MOISE A., US

[72] BREAM, GARY, US

[72] BUTTS, STEPHEN E., US

[71] AERIAL BIOPHARMA, LLC, US

[71] SK BIOPHARMACEUTICALS CO., LTD, KR

[85] 2015-09-10

[86] 2014-03-12 (PCT/US2014/023969)

[87] (WO2014/164969)

[30] US (61/778,998) 2013-03-13

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[21] **2,905,458**  
[13] A1

[51] **Int.Cl. G06Q 20/42 (2012.01) G06F 21/43 (2013.01)**

[25] EN

[54] **ONLINE TRANSACTION VERIFICATION**

[54] **VERIFICATION DE TRANSACTIONS EN LIGNE**

[72] WOOD, CHRISTOPHER D., CA

[72] HOLSTROM, MICHAEL, CA

[72] LOCKHART, ROLAND THOMAS, CA

[72] MCCULLIGH, MURRAY, CA

[72] MISTER, SERGE JEAN MAURICE, CA

[72] WETMORE, GREG, CA

[71] ENTRUST, INC., US

[85] 2015-09-10

[86] 2014-03-14 (PCT/US2014/027855)

[87] (WO2014/143756)

[30] US (61/789,417) 2013-03-15

[30] US (14/208,193) 2014-03-13

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[21] **2,905,461**  
[13] A1

[51] **Int.Cl. C40B 30/04 (2006.01)**

[25] EN

[54] **METHOD FOR DETECTING CYSTIC FIBROSIS**

[54] **METHODE DE DETECTION DE FIBROSE KYSTIQUE**

[72] RIVERA, STEVEN PATRICK, US

[71] QUEST DIAGNOSTICS INVESTMENTS INCORPORATED, US

[85] 2015-09-10

[86] 2014-03-14 (PCT/US2014/027870)

[87] (WO2014/152822)

[30] US (61/785,862) 2013-03-14

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[21] **2,905,462**  
[13] A1

[51] **Int.Cl. C04B 41/89 (2006.01) C04B 35/565 (2006.01) C04B 35/571 (2006.01) C04B 35/589 (2006.01) C04B 41/45 (2006.01) C04B 41/50 (2006.01) C23C 4/04 (2006.01) C23C 28/04 (2006.01) F01D 5/28 (2006.01)**

[25] EN

[54] **RECESSION RESISTANT CERAMIC MATRIX COMPOSITES AND ENVIRONMENTAL BARRIER COATINGS**

[54] **COMPOSITES DE MATRICE DE CERAMIQUE RESISTANT AU RETRAIT ET REVETEMENTS FORMANT UNE BARRIERE ENVIRONNEMENTALE**

[72] LUTHRA, KRISHAN LAL, US

[72] CORMAN, GREGORY SCOT, US

[71] GENERAL ELECTRIC COMPANY, US

[85] 2015-09-10

[86] 2014-03-14 (PCT/US2014/027107)

[87] (WO2014/152238)

[30] US (13/833,294) 2013-03-15

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[21] **2,905,464**  
[13] A1

[51] **Int.Cl. E05B 65/00 (2006.01)**

[25] EN

[54] **CONFIGURABLE ELECTRICAL CONNECTOR KEY FOR ELECTRONIC DOOR LOCKS**

[54] **CLE DE CONNECTEUR ELECTRIQUE CONFIGURABLE POUR SERRURES ELECTRONIQUES DE PORTES**

[72] LOWDER, SCOTT B., US

[71] SARGENT MANUFACTURING COMPANY, US

[85] 2015-09-10

[86] 2014-03-14 (PCT/US2014/027109)

[87] (WO2014/152240)

[30] US (61/791,975) 2013-03-15

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[13] A1

[51] **Int.Cl. A61K 9/28 (2006.01) A61K 9/48 (2006.01) A61K 31/00 (2006.01)**

[25] EN

[54] **MESALAMINE  
PHARMACEUTICAL  
COMPOSITION WITH MULTIPLE  
DOSAGE ELEMENTS FOR  
REDUCED DELIVERY  
VARIABILITY**

[54] **COMPOSITION  
PHARMACEUTIQUE DE  
MESALAMINE AVEC ELEMENTS  
DE DOSE MULTIPLES POUR  
VARIABILITE  
D'ADMINISTRATION REDUITE**

[72] LOUGHLIN, RYAN GERALD, IE

[72] MCCULLAGH, STEPHEN, IE

[72] BOISSONNEAULT, ROGER, US

[71] WARNER CHILCOTT COMPANY,  
LLC, US

[85] 2015-09-10

[86] 2014-03-14 (PCT/US2014/027353)

[87] (WO2014/152450)

[30] US (61/794,998) 2013-03-15

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[21] **2,905,479**  
[13] A1

[51] **Int.Cl. G01R 33/56 (2006.01) A61B 5/055 (2006.01) G01R 33/465 (2006.01) G01R 33/58 (2006.01)**

[25] EN

[54] **SIGNAL INHOMOGENEITY  
CORRECTION AND  
PERFORMANCE EVALUATION  
APPARATUS**

[54] **CORRECTION  
D'INHOMOGENEITE DE  
SIGNAUX ET APPAREIL  
D'EVALUATION DE  
PERFORMANCES**

[72] WANG, JINGHUA, US

[72] LU, ZHONG-LIN, US

[72] CONSTABLE, ROBERT TODD, US

[71] OHIO STATE INNOVATION  
FOUNDATION, US

[85] 2015-09-10

[86] 2014-03-14 (PCT/US2014/027580)

[87] (WO2014/152652)

[30] US (61/792,112) 2013-03-15

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[21] **2,905,471**  
[13] A1

[51] **Int.Cl. A61F 2/38 (2006.01)**

[25] EN

[54] **POSTERIOR-STABILIZED KNEE  
IMPLANT COMPONENTS AND  
INSTRUMENTS**

[54] **COMPOSANTS POUR IMPLANT  
DU GENOU A STABILISATION  
POSTERIEURE ET  
INSTRUMENTS ASSOCIES**

[72] SLAMIN, JOHN, US

[72] BOJARSKI, RAYMOND, US

[72] STEINES, DANIEL, US

[72] LANG, PHILIPP, US

[72] WONG, TERRANCE, US

[72] FITZ, WOLFGANG, US

[71] CONFORMIS, INC., US

[85] 2015-09-10

[86] 2014-03-14 (PCT/US2014/027446)

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[30] US (61/801,009) 2013-03-15

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<p>[51] <b>Int.Cl. G01N 33/48 (2006.01) B01L 3/00 (2006.01) C12M 1/24 (2006.01) C12P 19/34 (2006.01) C12Q 1/02 (2006.01) C12Q 1/68 (2006.01) G01N 35/00 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>DISSOLVABLE FILMS AND METHODS INCLUDING THE SAME</b></p> <p>[54] <b>FILMS SOLUBLES ET PROCEDES ASSOCIES</b></p> <p>[72] LIZZI, MICHAEL JUSTIN, US</p> <p>[72] COPERTINO, DONALD W., US</p> <p>[71] BECTON, DICKINSON AND COMPANY, US</p> <p>[22] 2005-06-27</p> <p>[41] 2006-08-24</p> <p>[62] 2,570,145</p> <p>[30] US (60/582,821) 2004-06-28</p>	<p>[51] <b>Int.Cl. C12P 19/34 (2006.01) C12N 15/09 (2006.01) C12Q 1/68 (2006.01) C40B 50/06 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>METHODS AND COMPOSITIONS FOR GENERATING AND AMPLIFYING DNA LIBRARIES FOR SENSITIVE DETECTION AND ANALYSIS OF DNA METHYLATION</b></p> <p>[54] <b>PROCEDES ET COMPOSITIONS POUR LA GENERATION ET L'AMPLIFICATION DE BIBLIOTHEQUES D'ADN POUR LA DETECTION ET L'ANALYSE SENSIBLE DE METHYLATION D'ADN</b></p> <p>[72] MAKAROV, VLADIMIR L., US</p> <p>[72] KAMBEROV, EMMANUEL, US</p> <p>[72] SUN, TONG, US</p> <p>[72] PINTER, JONATHON H., US</p> <p>[72] TARRIER, BRENDAN J., US</p> <p>[72] BRUENING, ERIC E., US</p> <p>[72] KURIHARA, TAKAO, US</p> <p>[72] TESMER, TIM, US</p> <p>[72] M'MWIRICHIA, JOSEPH M., US</p> <p>[71] RUBICON GENOMICS, INC., US</p> <p>[22] 2005-03-03</p> <p>[41] 2005-09-29</p> <p>[62] 2,559,209</p> <p>[30] US (60/551,941) 2004-03-08</p>	<p>[51] <b>Int.Cl. B23K 20/12 (2006.01) B23B 47/34 (2006.01) B23P 19/00 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>INSERTION COMPONENT AND METHOD FOR INSERTING THEREOF THROUGH THE SURFACE OF A WORKPIECE</b></p> <p>[54] <b>COMPOSANTES D'INSERTION ET METHODE D'INSERTION DE LADITE COMPOSANTE DANS LA SURFACE D'UN ESPACE DE TRAVAIL</b></p> <p>[72] HOTTE, DENIS, CA</p> <p>[71] CENTRE DE RECHERCHE INDUSTRIELLE DU QUEBEC, CA</p> <p>[22] 2010-11-23</p> <p>[41] 2012-05-31</p> <p>[62] 2,818,740</p> <hr/> <p>[21] 2,903,133 [13] A1</p> <p>[51] <b>Int.Cl. A61K 31/7008 (2006.01) A61P 21/00 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>N-ACETYL MANNOSAMINE OR DERIVATIVES THEREOF FOR USE IN TREATING A KIDNEY DISORDER IN A MAMMAL</b></p> <p>[54] <b>N-ACETYL MANNOSAMINE OU DERIVES DE CELUI-CI POUR LE TRAITEMENT D'UNE MALADIE RENALE CHEZ UN MAMMIFERE</b></p> <p>[72] HUIZING, MARJAN, US</p> <p>[72] GAHL, WILLIAM A., US</p> <p>[72] MANOLI, IRINI, US</p> <p>[72] KLOOTWIJK, ENRIKO, US</p> <p>[71] GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES NATIONAL INSTITUTES OF HEALTH, US</p> <p>[22] 2008-05-30</p> <p>[41] 2008-12-11</p> <p>[62] 2,680,842</p> <p>[30] US (60/932,451) 2007-05-31</p>

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demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,903,388**  
[13] A1

[51] **Int.Cl. C12N 15/31 (2006.01) C07H 21/04 (2006.01) C07K 14/205 (2006.01) C07K 16/12 (2006.01) C12P 21/02 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **CYTOLETHAL DISTENDING TOXINS AND DETECTION OF CAMPYLOBACTER BACTERIA USING THE SAME AS A TARGET**

[54] **TOXINES LETALES DE DISTENSION CELLULAIRE ET DETECTION DE BACTERIES DU GENRE CAMPYLOBACTER CIBLANT CES TOXINES**

[72] YAMASAKI, SHINJI, JP  
[72] ASAKURA, MASAHIRO, JP  
[71] FUSO PHARMACEUTICAL INDUSTRIES, LTD., JP

[22] 2004-12-03  
[41] 2005-06-16  
[62] 2,548,381  
[30] JP (2003-408103) 2003-12-05

[21] **2,903,432**  
[13] A1

[51] **Int.Cl. E04F 15/02 (2006.01) E04C 2/40 (2006.01) E04F 15/04 (2006.01)**

[25] EN

[54] **MECHANICAL LOCKING OF FLOOR PANELS**

[54] **VERROUILLAGE MECANIQUE DE PANNEAUX DE PLANCHER**

[72] BERGELIN, MARCUS, SE  
[72] PERVAN, DARKO, SE  
[72] PALSSON, AGNE, SE  
[71] VALINGE INNOVATION AB, SE

[22] 2007-09-24  
[41] 2008-01-10  
[62] 2,670,945  
[30] SE (0602645-4) 2006-12-08  
[30] US (60/869,181) 2006-12-08

[21] **2,903,505**  
[13] A1

[51] **Int.Cl. E04F 15/022 (2006.01) E04C 2/40 (2006.01) E04F 15/02 (2006.01) E04F 15/04 (2006.01)**

[25] EN

[54] **FLOOR COVERING**

[54] **REVETEMENT DE SOL**

[72] THIERS, BERNARD PAUL JOSEPH, BE  
[72] CAPPELLE, MARK GASTON MAURITS, BE  
[71] FLOORING INDUSTRIES LIMITED, SARL, LU

[22] 2001-06-20  
[41] 2001-12-27  
[62] 2,843,968  
[30] BE (BE 2000/0397) 2000-06-20

[21] **2,903,521**  
[13] A1

[51] **Int.Cl. E21B 49/00 (2006.01) E21B 43/16 (2006.01) E21B 47/06 (2012.01)**

[25] EN

[54] **METHOD TO CHARACTERIZE UNDERGROUND FORMATION**

[54] **PROCEDE PERMETTANT DE CARACTERISER UNE FORMATION SOUTERRAINE**

[72] HINKEL, JERALD J., US  
[72] WILLBERG, DEAN, US  
[72] PAGELS, MARKUS, US  
[71] SCHLUMBERGER CANADA LIMITED, CA

[22] 2011-12-16  
[41] 2012-06-28  
[62] 2,820,344  
[30] US (12/974,229) 2010-12-21

[21] **2,903,524**  
[13] A1

[51] **Int.Cl. E21B 4/18 (2006.01) E21B 17/10 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR CONTROLLING TORQUE TRANSFER FROM ROTATING EQUIPMENT**

[54] **PROCEDES ET DISPOSITIFS POUR REGULER LE TRANSFERT DE COUPLE A PARTIR D'UN EQUIPEMENT ROTATIF**

[72] SURJAATMADJA, JIM B., US  
[72] EAST, LOYD, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US

[22] 2011-07-14  
[41] 2013-01-17  
[62] 2,841,254

[21] **2,903,537**  
[13] A1

[51] **Int.Cl. A61B 5/0215 (2006.01) A61B 5/00 (2006.01)**

[25] EN

[54] **DISPOSABLE SENSOR DEVICE AND MONITORING SYSTEM**

[54] **DISPOSITIF CAPTEUR JETABLE ET SYSTEME DE SURVEILLANCE**

[72] KNOLL, REINHOLD, DE  
[72] MICHARD, FRED, FR  
[72] FAHLE, MATTHIAS, DE  
[72] THOMAMULLER, TOBIAS, DE  
[72] PFEIFFER, ULRICH, DE  
[71] EDWARDS LIFESCIENCES IPRM AG, CH

[22] 2008-02-19  
[41] 2008-09-04  
[62] 2,679,190  
[30] DE (10 2007 009 573.4) 2007-02-27

[21] **2,903,598**  
[13] A1

[51] **Int.Cl. A61F 2/16 (2006.01)**

[25] EN

[54] **ACCOMMODATING INTRAOCULAR LENS, LENS SYSTEM AND FRAME THEREFOR**

[54] **LENTILLE INTRAOCULAIRE D'ACCOMMODATION, SYSTEME DE LENTILLE ET STRUCTURE POUR LENTILLE**

[72] HERMANS, ERIK AD, NL  
[72] VAN DER HEIJDE, GERRIT LUDOLPH, NL  
[72] TERWEE, THOMAS HENRICUS MARIE, NL  
[71] AMO GRONINGEN B.V., NL

[22] 2007-12-12  
[41] 2008-07-03  
[62] 2,673,388  
[30] US (60/871,632) 2006-12-22  
[30] EP (06127102.9) 2006-12-22

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[13] A1

[51] **Int.Cl. E21B 23/01 (2006.01) E21B 43/10 (2006.01) E21B 23/06 (2006.01) E21B 33/12 (2006.01)**

[25] EN

[54] **MULTI-STAGE WELL ISOLATION AND FRACTURING**

[54] **ISOLATION DE PUIITS MULTIETAGE ET FRACTURATION**

[72] HUGHES, JOHN, CA

[72] RASMUSSEN, RYAN D., CA

[72] SCHMIDT, JAMES W., CA

[71] RESOURCE COMPLETION SYSTEMS INC., CA

[22] 2013-12-20

[41] 2014-03-12

[62] 2,873,198

[30] US (61/745,123) 2012-12-21

[21] **2,903,682**  
[13] A1

[51] **Int.Cl. B61F 5/32 (2006.01) B61F 5/26 (2006.01) B61F 5/40 (2006.01)**

[25] EN

[54] **LOW PROFILE SHEAR PAD AND ADAPTER**

[54] **GLISSOIR DE TRAVERSE DANSEUSE SURBAISSE ET ADAPTATEUR**

[72] EAST, DAVID M., US

[72] SAMMARTINO, GIUSEPPE, US

[72] GOLEMBIEWSKI, RONALD D., US

[71] STANDARD CAR TRUCK COMPANY, US

[22] 2008-11-27

[41] 2009-06-21

[62] 2,645,447

[30] US (11/963,366) 2007-12-21

[21] **2,903,683**  
[13] A1

[51] **Int.Cl. B61F 5/32 (2006.01) B61F 5/26 (2006.01) B61F 5/40 (2006.01)**

[25] EN

[54] **LOW PROFILE SHEAR PAD AND ADAPTER**

[54] **GLISSOIR DE TRAVERSE DANSEUSE SURBAISSE ET ADAPTATEUR**

[72] EAST, DAVID M., US

[72] SAMMARTINO, GIUSEPPE, US

[72] GOLEMBIEWSKI, RONALD D., US

[71] STANDARD CAR TRUCK COMPANY, US

[22] 2008-11-27

[41] 2009-06-21

[62] 2,645,447

[30] US (11/963,366) 2007-12-21

[21] **2,903,685**  
[13] A1

[51] **Int.Cl. C12P 7/10 (2006.01) C12N 1/16 (2006.01) C12N 1/20 (2006.01) C12P 7/06 (2006.01)**

[25] EN

[54] **USE OF STILLAGE RESIDUE AS A NUTRIENT SOURCE FOR FERMENTATION OF HYDROLYZED LIGNOCELLULOSIC BIOMASS TO ETHANOL**

[54] **UTILISATION DES RESIDUS DE VINASSE COMME SOURCE NUTRITIVE POUR LA FERMENTATION DE BIOMASSE LIGNOCELLULOSIQUE HYDROLYSEE EN ETHANOL**

[72] BENSON, ROBERT ASHLEY COOPER, CA

[72] BENECH, REGIS-OLIVIER, CA

[71] GREENFIELD SPECIALTY ALCOHOLS INC., CA

[22] 2009-12-22

[41] 2010-07-01

[62] 2,745,508

[30] US (61/140,451) 2008-12-23

[21] **2,903,686**  
[13] A1

[51] **Int.Cl. E04F 15/02 (2006.01) E04C 2/40 (2006.01) E04F 15/04 (2006.01)**

[25] EN

[54] **MECHANICAL LOCKING OF FLOOR PANELS WITH A FLEXIBLE BRISTLE TONGUE**

[54] **VERROUILLAGE MECANIQUE DE PANNEAUX DE PLANCHER A LANGUETTE A POILS SOUPLES**

[72] PERVAN, DARKO, SE

[72] PAISSON, AGNE, SE

[71] VALINGE INNOVATION AB, SE

[22] 2006-10-27

[41] 2007-02-08

[62] 2,853,998

[30] SE (0601550-7) 2006-07-11

[21] **2,903,726**  
[13] A1

[51] **Int.Cl. C07K 14/415 (2006.01) A61K 36/899 (2006.01) A61K 38/16 (2006.01) A61K 39/35 (2006.01) A61P 37/08 (2006.01) C12N 15/29 (2006.01) C12N 15/63 (2006.01) C12P 21/02 (2006.01)**

[25] EN

[54] **VARIANTS OF GROUP 1 ALLERGENS OF POACEAE HAVING REDUCED ALLERGENICITY AND MAINTAINED T-CELL REACTIVITY**

[54] **VARIANTES DES ALLERGENES DU GROUPE 1 ISSUS DE POACEAE PRESENTANT UNE ALLERGENICITE REDUITE ET UNE REACTIVITE AUX LYMPHOCYTES T CONSERVEE**

[72] FIEBIG, HELMUT, DE

[72] WALD, MARTIN, DE

[72] NANDY, ANDREAS, DE

[72] KAHLERT, HELGA, DE

[72] WEBER, BERNHARD, DE

[72] CROMWELL, OLIVER, DE

[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE

[22] 2005-07-11

[41] 2006-01-26

[62] 2,574,449

[30] DE (10 2004 035 337.9) 2004-07-21

**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,903,764**  
[13] A1

[51] **Int.Cl. A61K 31/713 (2006.01) A61K 31/7088 (2006.01) A61K 31/712 (2006.01) A61P 17/02 (2006.01) A61P 21/00 (2006.01)**

[25] EN  
[54] **MICRORNAS THAT REGULATE MUSCLE CELL PROLIFERATION AND DIFFERENTIATION**

[54] **MICRO-ARN REGULANT LA PROLIFERATION ET LA DIFFERENCIATION DES CELLULES MUSCULAIRES**

[72] WANG, DA-ZHI, US  
[72] CHEN, JIANFU, US  
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US

[22] 2006-12-12  
[41] 2007-06-21  
[62] 2,634,046  
[30] US (60/749,544) 2005-12-12

[21] **2,903,896**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/7088 (2006.01) A61K 38/48 (2006.01) A61P 27/02 (2006.01)**

[25] EN  
[54] **USE OF COMPLEMENT PATHWAY INHIBITORS TO TREAT OCULAR DISEASES**

[54] **UTILISATION D'INHIBITEURS DE LA VOIE DU COMPLEMENT POUR TRAITER DES MALADIES OCULAIRES**

[72] FUNG, SEK CHUNG, US  
[72] YAO, ZHENG BIN, US  
[71] GENENTECH, INC., US

[22] 2006-11-04  
[41] 2007-05-18  
[62] 2,624,393  
[30] US (60/733,763) 2005-11-04

[21] **2,904,030**  
[13] A1

[51] **Int.Cl. A61K 35/36 (2015.01) C12N 5/07 (2010.01) A61K 35/33 (2015.01) A61L 15/36 (2006.01) A61L 27/38 (2006.01) A61P 17/02 (2006.01) A01N 1/02 (2006.01) C12P 21/02 (2006.01)**

[25] EN  
[54] **METHODS AND COMPOSITIONS FOR TISSUE REGENERATION**

[54] **PROCEDES ET COMPOSITIONS POUR LA REGENERATION TISSULAIRE**

[72] ROLLAND, ERIC, FR  
[72] HUNZIKER, THOMAS, CH  
[72] MIS, BEATRICE, CH  
[72] RINSCH, CHRISTOPHER, CH  
[71] SMITH & NEPHEW ORTHOPAEDICS AG, GB

[22] 2003-09-05  
[41] 2004-03-18  
[62] 2,497,193  
[30] US (60/408,565) 2002-09-06  
[30] US (10/324,257) 2002-12-19

[21] **2,904,259**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 47/48 (2006.01) A61K 51/10 (2006.01) A61P 37/06 (2006.01)**

[25] EN  
[54] **TREATMENT OF AUTOIMMUNE DISEASES WITH ANTAGONISTS WHICH BIND TO B CELL SURFACE MARKERS**

[54] **TRAITEMENT DE MALADIES AUTO-IMMUNES AU MOYEN D'ANTAGONISTES SE LIANT AUX MARQUEURS DE SURFACE DE LYMPHOCYTES B**

[72] CURD, JOHN G., US  
[72] KUNKEL, LORI A., US  
[72] GRILLO-LOPEZ, ANTONIO J., US  
[71] GENENTECH, INC., US  
[71] BIOGEN IDEC INC., US

[22] 2000-05-04  
[41] 2000-11-16  
[62] 2,372,603  
[30] US (60/133,018) 1999-05-07  
[30] US (60/139,621) 1999-06-17

[21] **2,904,551**  
[13] A1

[51] **Int.Cl. H04N 19/577 (2014.01) H04N 19/117 (2014.01) H04N 19/124 (2014.01) H04N 19/159 (2014.01) H04N 19/59 (2014.01)**

[25] EN  
[54] **METHOD AND APPARATUS FOR MOTION COMPENSATION PREDICTION**

[54] **PROCEDE ET APPAREIL POUR LA PREDICTION DE COMPENSATION DE MOUVEMENT**

[72] BOSSEN, FRANK JAN, US  
[71] NTT DOCOMO, INC., JP

[22] 2012-06-22  
[41] 2012-12-27  
[62] 2,839,704  
[30] US (61/501,112) 2011-06-24

[21] **2,904,730**  
[13] A1

[51] **Int.Cl. H04N 19/58 (2014.01) H04N 19/176 (2014.01) H04N 19/52 (2014.01)**

[25] EN  
[54] **IMAGE ENCODING DEVICE, IMAGE DECODING DEVICE, IMAGE ENCODING METHOD, AND IMAGE DECODING METHOD**

[54] **DISPOSITIF ET PROCEDE DE CODAGE D'IMAGES, DISPOSITIF ET PROCEDE DE DECODAGE D'IMAGES**

[72] SEKIGUCHI, SHUNICHI, JP  
[72] SUGIMOTO, KAZUO, JP  
[72] ITANI, YUSUKE, JP  
[72] MINEZAWA, AKIRA, JP  
[72] KATO, YOSHIKI, JP  
[71] MITSUBISHI ELECTRIC CORPORATION, JP

[22] 2010-05-27  
[41] 2010-12-02  
[62] 2,763,211  
[30] JP (2009-130433) 2009-05-29

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[21] **2,904,746**  
[13] A1

[51] **Int.Cl. H04L 9/00 (2006.01) G06F 21/62 (2013.01) G06F 7/00 (2006.01) H04L 1/22 (2006.01) H04L 9/34 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR DISTRIBUTING AND SECURING DATA**

[54] **SYSTEMES ET PROCEDES POUR DISTRIBUER ET SECURISER DES DONNEES**

[72] BELLARE, MIHIR, US  
[72] ROGAWAY, PHILLIP, US  
[71] SECURITY FIRST CORP., US  
[22] 2007-11-07  
[41] 2008-10-23  
[62] 2,668,676  
[30] US (60/857,345) 2006-11-07

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[21] **2,904,747**  
[13] A1

[51] **Int.Cl. H04W 8/22 (2009.01) H04W 4/02 (2009.01) H04W 8/18 (2009.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR USING SERVICE CAPABILITY INFORMATION FOR USER PLANE LOCATION**

[54] **PROCEDE ET APPAREIL POUR L'UTILISATION D'INFORMATIONS SUR LA CAPACITE DE SERVICE POUR LA LOCALISATION D'UN PLAN D'UTILISATEUR**

[72] FARMER, DOMINIC GERARD, US  
[72] WACHTER, ANDREAS K., US  
[72] BURROUGHS, KIRK ALLAN, US  
[71] QUALCOMM INCORPORATED, US  
[22] 2009-01-09  
[41] 2009-07-16  
[62] 2,711,856  
[30] US (61/020,635) 2008-01-11  
[30] US (12/246,815) 2008-10-07

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[21] **2,904,829**  
[13] A1

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

[25] EN

[54] **SYSTEM AND METHOD FOR ESTIMATING AND PROVIDING DISPATCHABLE OPERATING RESERVE ENERGY CAPACITY THROUGH USE OF ACTIVE LOAD MANAGEMENT**

[54] **SYSTEME ET PROCEDE POUR ESTIMER ET DELIVRER UNE CAPACITE D'ENERGIE DE RESERVE DE FONCTIONNEMENT POUVANT ETRE AFFECTEE PAR UTILISATION D'UNE GESTION DE CHARGE ACTIVE**

[72] FORBES, JOSEPH W., JR, US  
[72] WEBB, JOEL L., US  
[71] CONSERT INC., US  
[22] 2010-05-07  
[41] 2010-11-11  
[62] 2,761,038  
[30] US (61/215,725) 2009-05-08  
[30] US (12/775,979) 2010-05-07

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[21] **2,904,902**  
[13] A1

[51] **Int.Cl. H04M 3/22 (2006.01) H04W 8/26 (2009.01) H04L 29/12 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS OF PROVIDING COMMUNICATIONS SERVICES**

[54] **SYSTEMES ET PROCEDES DE FOURNITURE DE SERVICES DE COMMUNICATION**

[72] CANNON, EUGENE PETER, US  
[72] MA, KA-YUI KEVIN, US  
[72] ERICKSON, JOHN R., US  
[71] VONAGE NETWORK LLC, US  
[22] 2012-07-27  
[41] 2013-01-31  
[62] 2,808,463  
[30] US (61/512265) 2011-07-27  
[30] US (61/529742) 2011-08-31  
[30] US (13/244827) 2011-09-26  
[30] US (13/244872) 2011-09-26

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[21] **2,904,910**  
[13] A1

[51] **Int.Cl. H04B 17/18 (2015.01) H04W 24/08 (2009.01)**

[25] EN

[54] **A NETWORK DIAGNOSTIC SYSTEM FOR ANALYZING THE PERFORMANCE OF A RADIO NETWORK DURING FUNCTIONAL OVER-THE-AIR OPERATION**

[54] **SYSTEME DE DIAGNOSTIQUE EN RESEAU PERMETTANT L'ANALYSE DU RENDEMENT D'UNE CHAINE RADIOPHONIQUE PENDANT LES HEURES D'ACTIVITE EN ONDES**

[72] MCCARTHY, JOHN, US  
[72] MITCHELL, ROBERT, US  
[71] LOCUS LOCATION SYSTEMS LLC, US  
[22] 2011-07-14  
[41] 2012-11-12  
[62] 2,746,238  
[30] US (13/106,833) 2011-05-12

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BAFFI COLLECTION INC.	2,872,223	"INGENICO"	2,886,164	GONCALVES, FERNANDO D.	2,886,593
BAGCHI, SAUMITRA	2,886,478	COVIDIEN LP	2,872,743	GOODRICH CORPORATION	2,883,544
BARABASH, KEVIN	2,885,950	COVIDIEN LP	2,881,358	GOODRICH CORPORATION	2,883,546
BARCLAYS BANK PLC	2,886,950	COVIDIEN LP	2,886,082	GORDON, GRAEME	2,886,532
BARKLEY, WARREN	2,885,353	CTB, INC.	2,885,101	GOSSAGE, ROLAND	2,847,603
BARNETT, NEIL G.	2,881,223	CURTIS, DANIEL JON	2,886,226	GOSELIN, DANIEL	2,847,863
BARTLEY, SETH A.	2,886,150	DABBOUS, NORA	2,886,164	GOTTSCHALK, THOMAS	
BEECKLER, CHRISTOPHER		DACOSTA, PATRICIA A.	2,886,131	JOHN	2,887,280
THOMAS	2,886,364	DEERE & COMPANY	2,883,409	GOVARI, ASSAF	2,886,364
BENQUE, DAVID	2,885,592	DELACA, RODNEY	2,878,740	GRANT, JEFF	2,847,761
BERGE, FRODE	2,847,898	DELPHI TECHNOLOGIES, INC.	2,881,589	GRAY, JOHN C.	2,883,992
BERNAR, RODGER		DEMCHYSHYN, ANATOLLI	2,847,938	GREEN FLAG SURFACE TECH	
FRANCESCO	2,886,072	DEPUY SYNTHES PRODUCTS,		INC.	2,886,589
BIOSENSE WEBSTER		INC.	2,886,361	GROUPBY INC.	2,847,603
(ISRAEL) LTD.	2,886,364	DIMOVSKI, STEPHANIE	2,847,761	GUANGDONG JETFAST	
BLACK, ROGER B.	2,883,992	DONALD, ANDREW	2,847,881	PORTABLE LIGHTING	
BLASEN, STEVEN T.	2,883,409	DOUGLAS, SHELDON		CO., LTD.	2,847,773
BLASHILL, JAMES	2,878,269	WALLACE	2,886,072	HALLEN, MATS	2,885,597
BODEN, THOMAS, JR.	2,886,361	DU, SHAN	2,847,707	HALLIBURTON ENERGY	
BRADLEY, DONDEENA	2,848,548	DUFORT, MARISA DEVITA	2,881,493	SERVICES, INC.	2,881,757
BRAEBURN SYSTEMS, LLC	2,886,531	DUFOUR, DANIELLE	2,886,496	HAN, XINPING	2,853,619
BRAUN, KRIS	2,878,269	DUFOUR, DANIELLE	2,886,497	HANSON, STEPHEN	2,883,035
BRILLOUET, ANNE-SOPHIE	2,881,493	DWYER, DERMOT JOHN	2,886,950	HARRINGTON, SCOTT A.	2,887,031
BROWN, MICHAEL V.	2,886,593	ELFIZER, AMR	2,884,199	HARRISON, JOHN EDWARD	2,886,486
BROWN, SHELLEY	2,886,734	ELSTER SOLUTIONS, LLC	2,885,373	HASKAMP, CHRISTOPH	2,887,208
BROWN, STEPHEN JOHN	2,847,814	EMBURY, MARK R.	2,886,309	HBEICHI, AYMAN NADER	2,872,223
BRUSH, ROBERT	2,886,589	ERB, BLAKE NORMAN	2,883,035	HEDGE, GANESH RAMESH	2,884,831
BUNIO, GARY L.	2,847,881	FAINOR, JUDITH A.	2,884,342	HERRERA LOPEZ, CARLOS	
BURG, BERTRAND FRANCOIS		FIFOLT, DOUGLAS	2,886,361	MARTIN	2,847,932
MATHIAS	2,886,072	FINNEGAN, PAUL F.	2,886,593	HICKIE, RICHARD	2,886,447
BUSTMANTE, GIOVANNI	2,847,898	FIRSTOV, SERGEI	2,847,938	HITACHI, LTD.	2,876,875
C.H. & I. TECHNOLOGIES,		FISCHER, BERNHARD A.	2,881,589	HOLT, JOHN R., JR.	2,885,373
INC.	2,886,358	FISK, ANDREW E.	2,847,938	HONDA MOTOR CO., LTD.	2,884,996

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HONDA MOTOR CO., LTD.	2,885,850	SRINIVASAN	2,893,274	SARL	2,886,497
HONDA MOTOR CO., LTD.	2,886,350	KRYZMAN, MICHAEL A.	2,883,544	MELLIN, ANDREW	2,885,508
HONDA MOTOR CO., LTD.	2,886,352	KRYZMAN, MICHAEL A.	2,883,546	MENHEERE, DAVID	2,884,200
HONEYWELL		KUBOUSHEK, BRANDON	2,883,409	MICHALKO, KENNETH J.	2,847,781
INTERNATIONAL INC.	2,884,821	KULAK, LEONID	2,847,938	MILSTEIN, DAVID	2,886,609
HONEYWELL		KURODA, YASUYOSHI	2,885,946	MIZUNO, KINYA	2,886,350
INTERNATIONAL INC.	2,884,831	KUZMENKO, MYKOLA	2,847,938	MOETAMED-SHARIATI, SABA	2,847,657
HONEYWELL		LACY, ROGER W.	2,876,492	MOHAN, SUDEEP	2,847,931
INTERNATIONAL INC.	2,884,937	LAM, CLINTON	2,885,950	MONSANTO TECHNOLOGY	
HORKHEIMER, DONALD	2,884,937	LAMKE, SAMUEL F.	2,883,619	LLC	2,853,587
HOWE, TODD	2,885,951	LAMORINIÈRE, CEDRIC	2,885,592	MONSANTO TECHNOLOGY	
HUBKEY, EDWARD C.	2,885,951	LAURESHEN, CATHERINE	2,847,898	LLC	2,854,660
HUSKY OIL OPERATIONS		LEAMY, BRETT	2,887,280	MORGAN, JOSEPH BENJAMIN	2,886,309
LIMITED	2,886,072	LEE, HOWARD M.	2,886,609	MOTAMEDI, NADER	
IFE		LEE, KEITH MARCUS	2,886,072	MICHAEL	2,872,223
AUFBEREITUNGSTECHNI		LEE, MICHAEL	2,886,082	MYCOGNITION LIMITED	2,886,486
K GMBH	2,887,074	LEGER, RICKY	2,847,761	NABORS DRILLING CANADA	
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LIMITED	2,847,759	LERNER, STANLEY I.	2,886,346	NACCACHE, DAVID	2,886,164
INTELLISIST, INC.	2,886,609	LEVENSTEIN, LAWRENCE M.	2,886,358	NCS MULTISTAGE INC.	2,886,527
INTELLIVIEW		LI, JIA JING	2,880,511	NEWMAN, DANIEL IRA	2,876,492
TECHNOLOGIES INC.	2,847,707	LI, TIEQI	2,847,628	NICHOLSON, RYAN MICHAEL	2,887,280
IRONWOLF		LI, YUWEN	2,884,199	NISHIOKA, OSAMU	2,886,350
MANUFACTURING, LLC,		LIU, YUN-ZHAO	2,847,773	NORTH CUTT, BRETT	
D/B/A IRONWOLF	2,885,951	LUNK, DAVID	2,887,280	GORDON	2,884,821
ISHIDA, NAOYUKI	2,876,875	LUTCHMANSINGH, PRIMRAJ	2,847,638	NOVA CHEMICALS	
ITZKOVITZ, GEORGE	2,847,955	MACDON INDUSTRIES LTD.	2,881,223	CORPORATION	2,847,628
JANSSON, ERIC	2,881,644	MACIAK, THOMAS K.	2,878,740	NOVA CHEMICALS	
JAWOROWSKI, MARK R.	2,883,544	MAENLE, WILLIAM C.	2,886,203	CORPORATION	2,847,814
JAWOROWSKI, MARK R.	2,883,546	MAERTEN, FRANTZ	2,884,343	O'SULLIVAN, DARAGH	2,887,411
JIA, LEI	2,886,072	MAERTEN, LAURENT	2,884,343	OCHS, NICHOLAS P.	2,854,660
JOEIES	2,887,731	MAGNUM OIL TOOLS		ODINAK, GILAD	2,886,609
JOHN HANCOCK LIFE		INTERNATIONAL, LTD.	2,886,988	OKOSHI, SATORU	2,884,996
INSURANCE COMPANY		MAKABE, TAKUMI	2,885,850	OLIVER, RYAN D.	2,886,427
(U.S.A.)	2,887,411	MANUEL, PAUL ANTHONY		OLIVER, TIMOTHY R.	2,883,808
JOHNSON & JOHNSON		LAING	2,847,683	OROZCO RUIZ, FRANCISCO	2,847,932
CONSUMER COMPANIES,		MANZINI, MARILEA	2,883,544	PAGE, NATHANIEL J.	2,853,587
INC.	2,881,493	MANZINI, MARILEA	2,883,546	PANZA-GIOSA, ROQUE	2,883,544
JOHNSON OUTDOORS INC.	2,887,031	MARCHETTI, MICHAEL	2,847,913	PANZA-GIOSA, ROQUE	2,883,546
JOHNSON, KEITH LEON	2,887,280	MARKS, JACOB A.	2,886,496	PARADIS, VINCENT	2,885,343
KAHLON, SUMMERPAL	2,885,508	MARKS, JACOB A.	2,886,497	PARDIKES, BRETT JAMES	2,885,390
KALAN, MANFRED	2,883,769	MARSHALL, ANDREW R.	2,884,200	PARMETER, LARRY JAMES	2,887,280
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KAPSCH TRAFFICOM AG	2,883,769	MARVIN LUMBER AND		PASQUALI, MEGHAN A.	2,886,497
KARL, CHRISTIAN	2,887,074	CEDAR COMPANY, D/B/A		PAYETTE, GILLES	2,852,312
KARUBE, SHINICHI	2,886,352	MARVIN WINDOWS AND		PELIN, PER	2,887,031
KATSUTA, TAKAHIRO	2,886,352	DOORS	2,886,226	PERCIVAL, NICOLE	2,885,950
KENNER, JOHN		MASTRACCI, MATT	2,881,644	PETERSON, SCOTT D.	2,886,461
VANDERSTAAY	2,887,280	MAYER, DAVID	2,880,511	PICHE, PATRICK	2,847,863
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KHAN, MOHAMMAD AFZAI	2,847,657	MCGOWAN, LES	2,877,254	PINSONNEAULT, ROGER G.	2,886,131
KIM, PAUL	2,848,548	MCKESSON CANADA		POPLAWSKI, DANIEL S.	2,886,531
KIMMEL, DANNY THOMAS	2,884,821	CORPORATION	2,847,761	POPLEY, CARLISLE	2,847,761
KIRKBY, RICHARD	2,881,223	MCKESSON FINANCIAL		PRATT & WHITNEY CANADA	
KITO, KAZUAKI	2,876,875	HOLDINGS	2,885,508	CORP.	2,884,199
KLEIN, SIDNEY D.	2,847,648	MCKESSON FINANCIAL		PRATT & WHITNEY CANADA	
KNIGHT, DUNCAN ANDREW	2,886,486	HOLDINGS	2,886,131	CORP.	2,884,200
KOBAYASHI, YUTA	2,885,946	MCMANUS, KATHLENE	2,848,548	PRATT & WHITNEY CANADA	
KRAMPERT, CHARLES		MCNEIL-PPC, INC.	2,886,478	CORP.	2,885,343
CHRISTOPHER	2,883,409	MCREYNOLDS, DANIEL P.	2,885,353	PRATT & WHITNEY CANADA	
KRATZ, BRUCE	2,884,342	MEDOS INTERNATIONAL		CORP.	2,886,729
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				PRESLEY, MICHAEL	2,878,740

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PUGSLEY, TODD STEWART	2,847,881	SYMPLE ID INC.	2,878,269		
PULSE TECHNOLOGIES, INC.	2,847,938	SYNNOTT, REMY	2,885,343		
PURDUE PHARMA	2,847,781	TAKENAKA, TORU	2,884,996		
QUENTIN, PIERRE	2,886,164	TALBOT, JOHN	2,880,511		
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RANE, JAYANT	2,881,757	TAYLOR, COLIN FRANK	2,864,785		
RAUSCH, ANDREW J.	2,885,101	TERRALUX, INC.	2,885,390		
RAVENSBERGEN, JOHN	2,886,527	THE BOEING COMPANY	2,876,492		
RAY, STEVEN HOWARD	2,885,390	THE BOEING COMPANY	2,883,992		
REIZ, JOSEPH L.	2,847,781	THE CONCENTRATE MANUFACTURING COMPANY OF IRELAND	2,848,548		
RICCI, ROBERT	2,847,863	THE RAYMOND CORPORATION	2,886,593		
RICHARDS, JAMES D.	2,881,589	THIBODEAU, ROBERT D.	2,886,358		
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ROHRER, ELLEN	2,848,548	TOTAL E&P CANADA LTD.	2,847,657		
ROSS, EVAN	2,885,353	TRENHOLM-BOYLE, MICHAEL	2,885,353		
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ROUNDING, MICHAEL	2,885,950	TURGEON, CARL	2,886,361		
ROZY, YORAM	2,886,309	TURNOCK, RICHARD	2,847,683		
SAKAMOTO, NAOKI	2,886,350	UNISTRUT INTERNATIONAL CORPORATION	2,883,808		
SAMUS, SERGIY	2,847,863	UNVERFERTH MANUFACTURING COMPANY, INC.	2,886,195		
SANDVINE INCORPORATED ULC	2,847,913	UNVERFERTH MANUFACTURING COMPANY, INC.	2,886,203		
SCHANNE, TIM	2,885,353	UPONOR INNOVATION AB	2,885,597		
SCHLIMGEN, RONALD J.	2,886,195	VAN MILL, MICHAEL D.	2,886,195		
SCHLUMBERGER CANADA LIMITED	2,884,343	VAN RIJSWIJK, JURRIAN HUBRECHT	2,886,486		
SCHOCK, SHERI-LYN	2,847,761	VARIDSK, LLC	2,885,812		
SCHUILING, BENJAMIN	2,881,644	VENMAR CES, INC.	2,883,035		
SCOBIE, MICHAEL A. N.	2,886,813	VERRIER, PIERRE	2,886,729		
SERNETT, JEFFREY MARTIN	2,854,660	VUPPALA, MURALI K.	2,886,478		
SHAW, JACOB R.	2,883,808	WARREN, WILL	2,847,603		
SHIN-ETSU CHEMICAL CO., LTD.	2,885,946	WEATHERFORD/LAMB, INC.	2,885,335		
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SHIROKURA, SHINYA	2,884,996	WHITE, CHRISTOPHER M.	2,885,390		
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SIROTICH, ROBERTO	2,885,353	WRIGHT, JOE	2,885,353		
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SMART TECHNOLOGIES ULC	2,885,353	YAKLIN, SEBASTIAN	2,883,409		
SMART TECHNOLOGIES ULC	2,885,950	YOHEI, ENDO	2,885,850		
SMART TECHNOLOGIES ULC	2,886,429	YOUNG, JAC	2,886,072		
SNOOPGUARD LLC	2,886,532	YUAN, XUDONG	2,881,493		
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SOPKOWIAK, JOHN JOSEPH	2,886,226	ZAFIRIS, GEORGIOS S.	2,883,546		
SOUBIRANE, ALAIN	2,886,164	ZHANG, WEI Y.	2,847,657		
SOUTHERN HIDE, INC.	2,886,734	ZHANG, WEILONG	2,883,544		
SPARROWHAWK, KEIRON THOMAS	2,886,486	ZHANG, WEILONG	2,883,546		
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ST. JOHN, BRENT DAVID	2,887,280				
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INC.	2,904,723	ALTRIA CLIENT SERVICES		CORPORATION	2,904,655
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ADAERATA, LIMITED		LLC	2,904,953	CORPORATION	2,904,739
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ADETOKUNBO	2,904,732	ALTRIA CLIENT SERVICES		ARAS, RAHUL	2,905,145
ADIROVICH, LEV	2,904,815	LLC	2,905,059	ARCTIC CAT INC.	2,905,295
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ADLER, MICHAEL	2,904,748	LLC	2,905,062	AREVA MINES	2,904,956
ADURO BIOTECH, INC.	2,904,536	ALTRIA CLIENT SERVICES		ARGO, PETER H.	2,905,241
ADVANCED BREATH		LLC	2,905,063	ARGYROS, AARON	2,905,133
DIAGNOSTICS, LLC	2,905,441	ALTRIA CLIENT SERVICES		ARKEMA FRANCE	2,904,554
ADVANCED STRUCTURAL		LLC	2,905,069	ARKIN, MICHELLE R.	2,904,794
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INC.	2,905,089	AMAZON TECHNOLOGIES,		ASJADI, GHOLAM HOSEIN	2,904,775
AGAH, GITI	2,904,969	INC.	2,905,282	ASTELLAS PHARMA EUROPE	
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ALBARADO, RONDEL	2,904,669	AMGEN, INC.	2,904,722	ASANGBENG	2,905,213
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INSTANT SPONSOR.COM PTY		JOHNSON, MARK THOMAS	2,904,801	KILROY, PABLO EDUARDO	
LTD	2,904,818	JOHNSON, MARK THOMAS	2,905,146	GARCIA	2,905,048
INSTITUTO MEXICANO DE		JOHNSON, MARK THOMAS	2,905,147	KIM, CHRISTOPHER	2,905,009
SEGURO SOCIAL, IMSS	2,904,762	JOHNSON, MARK THOMAS	2,905,153	KIM, DOO YOUNG	2,905,356
INTELOMED, INC.	2,904,682	JOHNSON, STEVEN B.	2,904,592	KIM, EUN JUNG	2,904,964
INTERGRAPH CORPORATION	2,904,535	JOHNSON, WALTER A.	2,905,358	KIM, HEUNG JAE	2,904,964
INTERNATIONAL PAPER		JOHNSON, WILLIAM C.	2,904,596	KIM, HYUNGGUN	2,905,155
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KING, TODD	2,905,225	MANAGEMENT LLC	2,905,033	LIEVENS, DANIEL	2,905,338
KINOSHITA, TOSHINORI	2,904,988	LALLEMAND HUNGARY		LIEVENS, DANIEL	2,905,379
KJAER, ANDREAS	2,905,172	LIQUIDITY		LIFE SCIENCE NUTRITION AS	2,904,827
KLEGERMAN, MELVIN	2,905,155	MANAGEMENT LLC	2,905,133	LIGHTLAB IMAGING, INC.	2,905,203
KLIMYUK, VICTOR	2,905,184	LALUC, CLAIRE	2,904,956	LILLIE, KURT	2,905,388
KLUGE, JONATHAN A.	2,905,090	LANDGREBE, SUSANNE	2,904,840	LIN, CHENG-WEN	2,905,089
KNAUF INSULATION GMBH	2,905,358	LANDGREBE, SUSANNE	2,904,842	LIN, RONGSHENG	2,905,227
KNOWROAMING LTD	2,904,795	LANDMARK GRAPHICS		LIND, JEFFERSON C.	2,905,003
KNOX, TRAVIS	2,905,165	CORPORATION	2,905,228	LIPKIN, DON MARK	2,905,343
KOAY, KENNY	2,904,843	LANDON, ROBERT S.	2,904,839	LIRAN, RAZ	2,904,837
KOBAYASHI, SATORU	2,905,182	LANE, JAY	2,904,846	LISCIO, EDWARD P.	2,904,943
KOENIG, KAREN		LANG, GERHARD	2,905,232	LISZKAI, TAMAS	2,905,157
SHAKESPEAR	2,905,048	LANG, PHILIPP	2,905,471	LITTLE, DAVID DEAN	2,904,535
KOETEN, ROBERT	2,904,748	LANGEVIN, MARIE-EVE	2,905,197	LIU, BINGCAN	2,905,019
KOLLER, IZAAK	2,904,835	LANOS, PIERRE	2,904,965	LIU, DACHUN	2,905,071
KONDO, KIYOHITO	2,905,266	LANTHEUS MEDICAL		LIU, DACHUN	2,905,426
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KONINKLIJKE PHILIPS N.V.	2,905,147	LARSON, PATRICK	2,905,101	LO FARO, WALTER	2,905,206
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KOPECEK, JINDRICH HENRY	2,904,970	LAU, TED	2,905,123	LOCKHART, ROLAND	
KOPECEK, JOSEPH THOMAS	2,905,325	LAUFFER, DAVID J.	2,904,641	THOMAS	2,905,458
KOREA RESEARCH		LAZUR, ANDREW	2,905,210	LOMAX, FRANKLIN D.	2,904,721
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KORNFIELD, JULIA A.	2,905,185	LEBOLD, TERRY P.	2,905,012	INC.	2,904,788
KORTEC, INC.	2,905,360	LEE, ESTHER CHENG YIN	2,905,242	LOPEZ BARROSO, ROSA,	
KOTHARI, HIMANSHU M.	2,904,980	LEE, FRED	2,905,259	MARIA	2,904,762
KOVACEVICH, BRIAN R.	2,904,743	LEE, HYEONG KYU	2,905,356	LOPEZ CONTRERAS, ANDRES	
KOWAL, ROBERT	2,905,425	LEE, HYUNG KI	2,904,964	JOAQUIN	2,904,768
KRAFT FOODS GROUP		LEE, JI HYE	2,904,964	LORAIN, OLIVIER	2,904,554
BRANDS LLC	2,904,880	LEE, KANG N.	2,904,846	LORINCZ, KRISZTIAN	2,905,209
KRAMER, JAMES D.	2,905,211	LEE, SUUI	2,905,356	LOUGHLIN, RYAN GERALD	2,905,467
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KUHNS, SCOTT	2,904,713	LEONG, MEREDITH LAI LING	2,904,536	LU, ZHONG-LIN	2,905,479
KUKULKA, KATHRYN	2,905,150	LERMAN, BRUCE	2,904,703	LUBRIZOL ADVANCED	
KUMAR, HARISH	2,905,238	LES PLATS DU CHEF INC.	2,904,757	MATERIALS, INC.	2,904,982
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LAI, KWONG WAH	2,904,760	LI, PAN	2,904,641	LUTHRA, KRISHAN LAL	2,905,462
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MATSUBARA, SATOSHI	2,904,569	MEPS REAL-TIME, INC.	2,905,097	MORDAUNT, DAVID H.	2,904,848
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MUTUALINK, INC.	2,905,044	O'BRIEN, TIMOTHY M.	2,905,160	PENG, TAO	2,905,155
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NALCO COMPANY	2,904,596	OLARTE, ALVARO MAURICIO	2,904,885	PERLMAN, STEPHEN G.	2,904,979
NAMETH, TRACY L.	2,904,880	OMENETTO, FIORENZO G.	2,905,090	PERLMAN, STEPHEN G.	2,904,981
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NATARAJAN, SHREEDHAR	2,905,304	ONO, NATSUKO	2,904,988	PEROXYIUM, INC.,	
NATHANSON, JARED	2,905,150	OPKO IRELAND GLOBAL		DELAWARE C CORP.	2,904,758
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SOUNDAR, SENRAJ	2,905,351	SUGAYA, NAOMI	2,905,248	THAKUR, DEEPAK	2,905,005
SOUSA, RYAN J.	2,905,381	SUGIMOTO, HIROATSU	2,905,283	THE ADMINISTRATORS OF	
SPENCER, DAVID	2,905,352	SUHRE, RYAN J.	2,904,874	THE TULANE	
SPIESS, CHRISTOPH	2,905,223	SUI, ZHIHUA	2,905,293	EDUCATIONAL FUND	2,904,533
SPIRACUR INC.	2,905,092	SUKHADIA, ASHISH M.	2,905,276	THE BOARD OF REGENTS OF	
SPRINGMAN, ERIC B.	2,905,340	SUKHADIA, ASHISH M.	2,905,279	THE UNIVERSITY OF	
SRI INTERNATIONAL	2,905,048	SULLIVAN, MATTHEW T.	2,905,299	TEXAS SYSTEM	2,905,155
ST JEAN, GUYLAINE	2,905,279	SUMITOMO METAL MINING		THE BOARD OF TRUSTEES OF	
ST. CLAIR, LUKE	2,904,620	CO., LTD.	2,904,569	THE LELAND STANFORD	
ST. JOHN, MICHAEL R.	2,904,596	SUMITOMO METAL MINING		JUNIOR UNIVERSITY	2,905,112
ST. JUDE MEDICAL,		CO., LTD.	2,905,262	THE BOARD OF TRUSTEES OF	
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STACK, MARINELA		SUN, YAN HELEN	2,905,062	THE CLEVELAND CLINIC	
GOMBOSEV	2,905,165	SUN, YAN HELEN	2,905,063	FOUNDATION	2,905,072
STAGE, MATTHEW RICHARD	2,905,007	SUN, YAN HELEN	2,905,069	THE CLEVELAND CLINIC	
STANDLEY, ADAM	2,905,207	SUNBEAM PRODUCTS, INC.	2,904,538	FOUNDATION	2,905,096
STAPLEY, JONATHAN A.	2,904,963	SUNSTAR INC.	2,905,284	THE CLEVELAND CLINIC	
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COFFEE COMPANY	2,904,835	SURTI, BIRJU A.	2,905,085	CORPORATION	2,904,978
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STEEN, MARK	2,905,259	SUTTON, LARRY D.	2,905,240	COMPANY	2,905,394
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STEIN, JEREMY F.	2,905,003	SWANSON, KEVIN D.	2,905,031	UNIVERSITY	2,904,650
STEIN, MATHEW	2,904,795	SWANZY, JAMES	2,905,121	THE PROCTER & GAMBLE	
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COPERTINO, DONALD W.	2,902,692	MA, KA-YUI KEVIN	2,904,902	THIERS, BERNARD PAUL	
CROMWELL, OLIVER	2,903,726	MAKAROV, VLADIMIR L.	2,902,980	JOSEPH	2,903,505
CURD, JOHN G.	2,904,259	MANOLI, IRINI	2,903,133	THOMAMULLER, TOBIAS	2,903,537
EAST, DAVID M.	2,903,682	MCCARTHY, JOHN	2,904,910	VALINGE INNOVATION AB	2,903,432
EAST, DAVID M.	2,903,683	MERCK PATENT		VALINGE INNOVATION AB	2,903,686
EAST, LOYD	2,903,524	GESELLSCHAFT MIT		VAN DER HEIJDE, GERRIT	
EDWARDS LIFESCIENCES		BESCHRANKTER		LUDOLPH	2,903,598
IPRM AG	2,903,537	HAFTUNG	2,903,726	VONAGE NETWORK LLC	2,904,902
ERICKSON, JOHN R.	2,904,902	MICHARD, FRED	2,903,537	WACHTER, ANDREAS K.	2,904,747
FAHLE, MATTHIAS	2,903,537	MINEZAWA, AKIRA	2,904,730	WALD, MARTIN	2,903,726
FARMER, DOMINIC GERARD	2,904,747	MIS, BEATRICE	2,904,030	WANG, DA-ZHI	2,903,764
FIEBIG, HELMUT	2,903,726	MITCHELL, ROBERT	2,904,910	WEBB, JOEL L.	2,904,829
FLOORING INDUSTRIES		MITSUBISHI ELECTRIC		WEBER, BERNHARD	2,903,726
LIMITED, SARL	2,903,505	CORPORATION	2,904,730	WILLBERG, DEAN	2,903,521
FORBES, JOSEPH W., JR	2,904,829	NANDY, ANDREAS	2,903,726	YAMASAKI, SHINJI	2,903,388
FUNG, SEK CHUNG	2,903,896	NTT DOCOMO, INC.	2,904,551	YAO, ZHENGBIN	2,903,896
FUSO PHARMACEUTICAL		PAGELS, MARKUS	2,903,521		
INDUSTRIES, LTD.	2,903,388	PAISSON, AGNE	2,903,686		
GAHL, WILLIAM A.	2,903,133	PALSSON, AGNE	2,903,432		
GENENTECH, INC.	2,903,896	PERVAN, DARKO	2,903,432		
GENENTECH, INC.	2,904,259	PERVAN, DARKO	2,903,686		
GOLEMBIEWSKI, RONALD D.	2,903,682	PFEIFFER, ULRICH	2,903,537		
GOLEMBIEWSKI, RONALD D.	2,903,683	PINTER, JONATHON H.	2,902,980		
GOVERNMENT OF THE		QUALCOMM INCORPORATED	2,904,747		
UNITED STATES OF		RASMUSSEN, RYAN D.	2,903,648		
AMERICA AS		RESOURCE COMPLETION			
REPRESENTED BY THE		SYSTEMS INC.	2,903,648		
SECRETARY OF THE		RINSCH, CHRISTOPHER	2,904,030		
DEPARTMENT OF		ROGAWAY, PHILLIP	2,904,746		
HEALTH AND HUMAN		ROLLAND, ERIC	2,904,030		
SERVICES NATIONAL		RUBICON GENOMICS, INC.	2,902,980		
INSTITUTES OF HEALTH	2,903,133	SAMMARTINO, GIUSEPPE	2,903,682		
GREENFIELD SPECIALTY		SAMMARTINO, GIUSEPPE	2,903,683		
ALCOHOLS INC.	2,903,685				