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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.

# Table of Contents

## Table des matières

Notices	
Avis .....	1
Canadian Patents Issued	
Brevets canadiens délivrés .....	20
Canadian Applications Open to Public Inspection	
Demandes canadiennes mises à la disponibilité du public.....	89
PCT Applications Entering the National Phase	
Demandes PCT entrant en phase nationale .....	111
Canadian Divisional and Previously Unavailable Applications Open to Public Inspection	
Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant .....	179
Index of Canadian Patents Issued	
Index des brevets canadiens délivrés .....	183
Index of Canadian Applications Open to Public Inspection	
Index des demandes canadiennes mises à la disponibilité du public .....	195
Index of PCT Applications Entering the National Phase	
Index des demandes PCT entrant en phase nationale .....	199
Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection	
Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant .....	211

## Notices

## Avis

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

#### Dates

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

#### Code Numerals

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

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

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

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

#### Dates

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

#### Chiffres de code

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

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

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

## 2. Country Code

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

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

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

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

## 4. Orders for Patents by Class or Sub-Class

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

## 2. Code des pays

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

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

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

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

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

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

## 5. Advice on Making a Patent Application

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

## 6. Licensing of Patents

### Voluntary Licences

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

### Compulsory Licences

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

## 7. Patents Available for Licence or Sale

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

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

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

None

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

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

## 6. Octroi de licences en vertu des brevets

### Licences librement accordées

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

### Licences obligatoires

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

## 7. Brevets disponibles pour licence ou vente

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

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

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

Aucun

## 9. Applications Open to Public Inspection

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

## 10. Language of Published Documents

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

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

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

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

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

## 9. Demandes mises à la disponibilité du public

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

## 10. Langue du document publié

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

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

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

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

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

## Notices

### 4. Late payment fee

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

### Preliminary Examination

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

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

\* International fees will be reduced by:

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

## 12. PCT Notices

### Patent Cooperation Treaty (PCT)

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

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

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

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

### 4. Taxe pour paiement tardif

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

### Examen préliminaire

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

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

\* Les frais seront réduits de:

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

## 12. Avis PCT

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

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

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

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

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

### 13. Practice Notice

#### STATUTORY HOLIDAYS (*DIES NON*)

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

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

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

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

#### **Time limits under the *Patent and Trade-marks Acts***

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

### 13. Énoncé de pratique

#### JOURS FÉRIÉS (*DIES NON*)

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

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

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

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

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

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

## Notices

### Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

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

on which such Office or organization is not open to the public for the purposes of the transaction of official business;  
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;  
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or  
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists.”

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

### Provincial and Territorial Holidays

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

### Délais prévus dans le Traité de coopération en matière de brevets

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

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

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;  
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;  
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou  
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.”

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

### Jours fériés provinciaux ou territoriaux

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

## Avis

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

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

All Saturdays and Sundays

\*New Year's Day (Jan. 1)

Good Friday

Easter Monday

Victoria Day - First Monday immediately preceding May 25

\*St. John the Baptist Day (June 24)

\*Canada Day (July 1)

Labour Day - First Monday in September

Thanksgiving Day - Second Monday in October

\*Remembrance Day (November 11)

\*Christmas Day (December 25)

Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

\* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

## 14. Practice Notice

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

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

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

Tous les samedi et dimanche

\*Jour de l'An (1er janvier)

Vendredi Saint

Lundi de Pâques

Fête de Victoria - premier lundi précédant immédiatement le 25 mai

\*Saint-Jean-Baptiste (le 24 juin)

\*Fête du Canada (1er juillet)

Fête du travail - premier lundi de septembre

Jour de l'Action de grâces - deuxième lundi d'octobre

\*Jour du souvenir (11 novembre)

\*Jour de Noël (25 décembre)

L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

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

## 14. Énoncé de pratique

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

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

## Notices

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

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

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

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

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

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

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

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

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

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

## Avis

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

### 15. Correspondence Procedures

May 24, 2016

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

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

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

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

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

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

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

Download the [Fee Payment Form](#).

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

### 15. Procédures de correspondance

le 24 mai, 2016

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

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

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

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

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

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

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

Téléchargez le [formulaire de paiements](#).

## Notices

### 1. Designated Establishments

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

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

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

### 1. Établissements désignés

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

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

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

## Avis

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

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

### 2. Registered Mail<sup>TM</sup> and Xpresspost<sup>TM</sup> 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<sup>TM</sup> and Xpresspost<sup>TM</sup> services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

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

### 3. Electronic Correspondence

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

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

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

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

### 2. Service Courrier recommandé<sup>MC</sup> et Xpresspost<sup>MC</sup> de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services Courrier recommandé<sup>MC</sup> et Xpresspost<sup>MC</sup> de Postes Canada sont des établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé<sup>MC</sup> et Xpresspost<sup>MC</sup> de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

### 3. Correspondance électronique

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

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

## Notices

national phase will not be accepted.

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

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

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

### 3.1 Facsimile

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

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

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

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

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

### Patents

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

### 3.2 Online

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

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

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

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

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

### 3.1 Correspondance par télécopieur

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

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

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

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

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

### Brevets

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

### 3.2 En ligne

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

### Patents

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

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

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

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

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

### Trade-marks

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

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

### Brevets

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

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

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

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

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

### Marques de commerce

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

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

## Notices

### Copyright

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

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

### Industrial Designs

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

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

### Integrated Circuit Topographies

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

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

## 3.3 Electronic Medium

### Patents

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

### Droits d'auteur

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

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

### Dessins industriels

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

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

### Topographies de circuits intégrés

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

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

## 3.3 Supports électroniques

### Brevets

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

## Avis

prescribed in the *Patent Rules* still remain.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## Notices

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

### Electronic Media accepted by the Patent Office

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

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

### 4. Details concerning the electronic formats accepted

#### Patents

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

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

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

#### TIFF Format:

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

#### PDF Format:

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

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

### Supports électroniques acceptés par le Bureau des brevets

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

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

### 4. Précisions concernant les formats électroniques acceptés

#### Brevets

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

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

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

#### Format TIFF :

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

#### Format PDF :

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

## Avis

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

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

### ASCII Format:

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

### Format ASCII :

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

## **Industrial Design**

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

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

### TIFF Format:

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

### Photographs in JPEG Format:

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

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

## **5. General Information**

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

## **Dessins industriels**

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

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

### Format TIFF :

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

### Photographies en format JPEG :

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

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

## **5. Renseignements généraux**

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

Notices

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

The *Canadian Patent Office Record* of October 25, 2016 contains applications open to public inspection from October 9, 2016 to October 15, 2016.

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

La *Gazette du bureau des brevets* du 25 octobre 2016 contient les demandes disponibles au public pour consultation pour la période du 9 octobre 2016 au 15 octobre 2016.

# Canadian Patents Issued

October 25, 2016

## Brevets canadiens délivrés

25 octobre 2016

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[11] **2,322,470**  
[13] C

[51] **Int.Cl. G06Q 30/02 (2012.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR AUTOMATING THE CONDUCT OF SURVEYS OVER A NETWORK SYSTEM**

[54] **PROCEDE ET APPAREIL POUR AUTOMATISER LA CONDUITE D'ENQUETES SUR UN SYSTEME RESEAUTE**

[72] HAMLIN, CHARLES B., US  
[72] SMITH, LEROY JR., US  
[73] DYNAMICLOGIC, LLC, US  
[85] 2000-09-01  
[86] 1999-03-02 (PCT/US1999/004606)  
[87] (WO1999/045489)  
[30] US (09/034,774) 1998-03-02

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[11] **2,447,058**  
[13] C

[51] **Int.Cl. H01L 29/778 (2006.01) H01L 29/20 (2006.01)**  
[25] EN  
[54] **GROUP-III NITRIDE BASED HIGH ELECTRON MOBILITY TRANSISTOR (HEMT) WITH BARRIER/SPACER LAYER**

[54] **TRANSISTOR A HAUTE MOBILITE D'ELECTRONS (HEMT) A BASE DE NITRURES D'ELEMENTS DU GROUPE III AVEC COUCHE DE BLOCAGE/DE SEPARATION**

[72] SMORCHKOVA, IOULIA P., US  
[72] WALUKIEWICZ, WLADYSLAW, US  
[72] CHAVARKAR, PRASHANT, US  
[72] WU, YIFENG, US  
[72] KELLER, STACIA, US  
[72] MISHRA, UMESH, US  
[73] CREE, INC., US  
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2003-11-07  
[86] 2002-04-11 (PCT/US2002/011666)  
[87] (WO2002/093650)  
[30] US (60/290,195) 2001-05-11  
[30] US (10/102,272) 2002-03-19

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[11] **2,488,738**  
[13] C

[25] EN  
[54] **IMPROVED CONVERSION AND ENCODING TECHNIQUES**

[54] **TECHNIQUES AMELIOREES DE CONVERSION ET DE CODAGE**

[72] FOX, SIMON RICHARD, AU  
[72] FLACK, JULIEN CHARLES, AU  
[72] HARMAN, PHILIP VICTOR, AU  
[73] DYNAMIC DIGITAL DEPTH RESEARCH PTY LTD, AU  
[85] 2004-12-07  
[86] 2003-06-02 (PCT/AU2003/000686)  
[87] (WO2003/105089)  
[30] AU (PS 2836) 2002-06-07

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[11] **2,508,537**  
[13] C

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)**  
[25] EN  
[54] **METHOD, SYSTEM, AND APPARATUS FOR PROVIDING ACCESS TO WORKBOOK MODELS THROUGH REMOTE FUNCTION CALLS**

[54] **METHODE, SYSTEME ET APPAREIL PERMETTANT L'ACCES A DES MODELES DE CLASSEURS PAR DES APPELS DE FONCTIONS A DISTANCE**

[72] ELLIS, CHARLES D., US  
[72] KHEN, DAN Y., US  
[72] MEGIDDO, ERAN, US  
[72] LEVIN, IRA, US  
[72] ASNASH, LIVIU, US  
[72] PEYTON-JONES, SIMON, US  
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US  
[86] (2508537)  
[87] (2508537)  
[22] 2005-05-27  
[30] US (10/903,781) 2004-07-30

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[11] **2,515,470**  
[13] C

[51] **Int.Cl. G06F 9/50 (2006.01) G06F 9/00 (2006.01) G06F 9/46 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR MANAGING COMPUTING DEPLOYMENT IN PRESENCE OF VARIABLE WORKLOAD**

[54] **PROCEDES ET APPAREIL DE GESTION DE DEPLOIEMENT DE CALCUL EN PRESENCE D'UNE CHARGE DE TRAVAIL VARIABLE**

[72] COLEMAN, DAVID WILEY, US  
[72] FROEHLICH, STEVEN E., US  
[72] HELLERSTEIN, JOSEPH L., US  
[72] HSIUNG, LAWRENCE S., US  
[72] LASSETTRE, EDWIN RICHIE, US  
[72] MUMMERT, TODD WILLIAM, US  
[72] RAGHAVACHARI, MUKUND, US  
[72] RUSSELL, LANCE WARREN, US  
[72] SURENDRA, MAHESWARAN, US  
[72] WADIA, NOSHIR CAVAS, US  
[72] YE, PENG, US  
[73] GOOGLE INC., US  
[85] 2005-08-08  
[86] 2003-08-29 (PCT/US2003/027304)  
[87] (WO2004/081789)  
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[54] **SYSTEME DE JEU MULTIJOUEURS ET SON PROCEDE DE FONCTIONNEMENT**

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[73] WATERLEAF LIMITED, GB  
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[25] EN  
[54] **METHOD FOR MAKING PARTICULATE SLURRIES AND PARTICULATE SLURRY COMPOSITIONS**  
[54] **METHODE POUR PRODUIRE DES BOUES DE PARTICULES ET COMPOSITIONS DE BOUES DE PARTICULES**  
[72] ZHANG, KEWEI, CA  
[73] TRICAN WELL SERVICE LTD., CA  
[86] (2545563)  
[87] (2545563)  
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[25] EN  
[54] **IMPROVED DISTRIBUTED KERNEL OPERATING SYSTEM**  
[54] **SYSTEME D'EXPLOITATION A NOYAU DISTRIBUE AMELIORE**  
[72] BOYD, ANDREW, CA  
[73] 2236008 ONTARIO INC., CA  
[86] (2547829)  
[87] (2547829)  
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[54] **SYSTEME D'EXPLOITATION A NOYAU DISTRIBUE AMELIORE**  
[72] BOYD, ANDREW, CA  
[73] 2236008 ONTARIO INC., CA  
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[54] **MONTAGE DE VOYANTS SYNOPTIQUES**  
[72] GARRETT, RICK, US  
[72] WEISBECK, PAT, US  
[73] TELECT, INC., US  
[86] (2548707)  
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[25] EN  
[54] **METHOD AND SYSTEM OF DISTRIBUTING PRE-RELEASED MEDIA CONTENT**  
[54] **METHODE ET SYSTEME POUR DISTRIBUER LE CONTENU DE MEDIA ANTICIPE**  
[72] BOND, MADISON E., US  
[73] COMCAST CABLE COMMUNICATIONS, LLC, US  
[86] (2563217)  
[87] (2563217)  
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[51] **Int.Cl. G06Q 50/24 (2012.01) G06F 21/62 (2013.01) G06F 17/30 (2006.01)**  
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[54] **MEDIATED DATA ENCRYPTION FOR LONGITUDINAL PATIENT LEVEL DATABASES**  
[54] **CHIFFREMENT DE DONNEES ASSISTE POUR BASES DE DONNEES LONGITUDINALES RELATIVES A DES PATIENTS**  
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[72] WOLFE, CLINTON J., US  
[73] IMS SOFTWARE SERVICES, LTD., US  
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[54] **PROGRAM GUIDE SYSTEM WITH TARGETED ADVERTISING**  
[54] **SYSTEME DE GUIDES DE PROGRAMMES COMPORTANT DES PUBLICITES CIBLEES**  
[72] KNUDSON, EDWARD B., US  
[72] ELLIS, MICHAEL D., US  
[72] KNEE, ROBERT A., US  
[72] CARPENTER, KENNETH F., JR., US  
[73] ROVI GUIDES, INC., US  
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[25] EN  
[54] **PROSTHETIC STENT GRAFT FOR TREATMENT OF ABDOMINAL AORTIC ANEURYSM**  
[54] **GREFFE D'ENDOPROTHESE PERMETTANT DE TRAITER UN ANEURISME DE L'AORTE ABDOMINALE**  
[72] MAJERCAK, DAVID C., US  
[72] PARK, JIN S., US  
[73] CORDIS CORPORATION, US  
[86] (2572720)  
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[25] EN  
[54] **HAT ACETYLATION PROMOTERS AND USES OF COMPOSITIONS THEREOF IN PROMOTING IMMUNOGENICITY**  
[54] **PROMOTEURS DE L'ACETYLATION D'HAT ET UTILISATIONS DE COMPOSITIONS CONTENANT CEUX-CI POUR PROMOUVOIR L'IMMUNOGENICITE**  
[72] JEFFERIES, WILFRED A., CA  
[72] SETIADI, ALVERNIA FRANCESCA, CA  
[72] DAVID, MURIEL D., CA  
[72] SEIPP, ROBYN P., CA  
[72] HARTIKAINEN, JENNIFER, CA  
[72] GOPAUL, RAYSHAD, CA  
[73] BIOMMUNE TECHNOLOGIES INC., CA  
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[25] EN  
[54] **CASINO ALL IN ONE KIOSK FOR CASH, TICKETS, AND CARDS, WITH CARD ISSUING CAPABILITY**  
[54] **MACHINE POLYVALENTE FORMANT CASINO, DESTINEE A RECEVOIR DE L'ARGENT, DES TICKETS ET DES CARTES, PRESENTANT UNE CAPACITE D'EMISSION DE CARTES**  
[72] FRANKS, THEDFRED, JR., US  
[73] GIESECKE & DEVRIENT AMERICA, INC., US  
[85] 2007-03-21  
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[54] **SCREEN DISPLAY IN APPLICATION SWITCHING**  
[54] **PAGE-ECRAN EN COMMUTATION D'APPLICATIONS**  
[72] YACH, DAVID, CA  
[72] KLASSEN, GERHARD D., CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2581628)  
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[54] **BUTEE A PROFONDEUR REGLABLE POUR CANULE DE BIOPSIE**  
[72] HIBNER, JOHN A., US  
[72] AVIMUKTA, KREENA, US  
[73] DEVICOR MEDICAL PRODUCTS, INC., US  
[86] (2586504)  
[87] (2586504)  
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[25] EN  
[54] **METHOD FOR DESIGN AND MANUFACTURE OF INSOLES**  
[54] **PROCEDE DE CONCEPTION ET DE FABRICATION DE SEMELLES INTERIEURES**  
[72] CAVANAGH, PETER R., US  
[72] ULBRECHT, JAN S., US  
[72] HURLEY, TIMOTHY B., US  
[72] ZHANG, HUIXIONG, US  
[73] DIAPEDIA, L.L.C., US  
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[54] **LANCET DEVICE**  
[54] **DISPOSITIF A LANCETTE**  
[72] WILKINSON, BRADLEY, US  
[73] BECTON, DICKINSON AND COMPANY, US  
[85] 2007-05-30  
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[13] C

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[25] EN  
[54] **BODY PARAMETER DETECTING SENSOR AND METHOD FOR DETECTING BODY PARAMETERS**  
[54] **CAPTEUR DE DETECTION DE PARAMETRES CORPORELS ET PROCEDE DE DETECTION DE PARAMETRES CORPORELS**  
[72] ROCHE, MARTIN, US  
[73] ROCHE, MARTIN, US  
[85] 2007-08-31  
[86] 2006-03-29 (PCT/US2006/011300)  
[87] (WO2006/105098)  
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[25] EN  
[54] **DETERMINATION OF COAL BED  
NATURAL GAS PRODUCTION  
FACTORS AND A SYSTEM TO  
DETERMINE SAME**

[54] **DETERMINATION DE FACTEURS  
DE PRODUCTION DE GAZ  
NATUREL DE HOUILLE ET  
SYSTEME PERMETTANT  
D'EFFECTUER UNE TELLE  
DETERMINATION**

[72] POPE, JOHN, US  
[72] COX, RICK, US  
[72] BUTTRY, DANIEL, US  
[73] WELL DOG, INC., US  
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[54] **POLYMERIC PRODRUG WITH A  
REVERSIBLE AROMATIC  
LINKER**

[54] **PROMEDICAMENT POLYMER  
DOTE D'UN LIANT  
AROMATIQUE REVERSIBLE**

[72] HERSEL, ULRICH, DE  
[72] RAU, HARALD, DE  
[72] SCHNEPF, ROBERT, DE  
[72] VETTER, DIRK, DE  
[72] WEGGE, THOMAS, DE  
[73] ASCENDIS PHARMA GMBH, DE  
[85] 2007-09-21  
[86] 2005-03-22 (PCT/EP2005/003061)  
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[54] **GENETICALLY MODIFIED  
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[54] **COMPOSITION D'ANTICORPS  
GENETIQUEMENT MODIFIE**

[72] SHITARA, KENYA, JP  
[72] NIWA, RINPEI, JP  
[72] NATSUME, AKITO, JP  
[73] KYOWA HAKKO KIRIN CO., LTD.,  
JP

[85] 2008-01-22  
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C02F 1/28 (2006.01) C02F 1/42  
(2006.01)**

[25] EN  
[54] **PROCESS USING RARE EARTHS  
TO REMOVE OXYANIONS FROM  
AQUEOUS STREAMS**

[54] **METHODE D'ELIMINATION  
D'OXYANIONS PRESENTS DANS  
DES FLUX AQUEUX AU MOYEN  
DE COMPOSES DE TERRES  
RARES**

[72] MCNEW, EDWARD B., US  
[72] WITHAM, RICHARD D., US  
[72] BURBA, JOHN L. III, US  
[73] MOLYCORP MINERALS, LLC, US  
[85] 2008-01-25  
[86] 2006-07-26 (PCT/US2006/029132)  
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[54] **PET CARRIER ACCESS PORTAL**

[54] **PORTE D'ACCES A UNE CAGE  
POUR ANIMAL**

[72] MIRSKY, JONATHAN, US  
[73] MIRSKY, JONATHAN, US  
[85] 2008-02-19  
[86] 2006-03-13 (PCT/US2006/009137)  
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(2014.01) G01S 17/08 (2006.01) G01S  
17/89 (2006.01) G02B 7/09 (2006.01)  
G02B 15/00 (2006.01)**

[25] EN  
[54] **OPTICAL SENSOR SYSTEM ON  
AN APPARATUS FOR TREATING  
LIQUIDS**

[54] **GROUPE-CAPTEUR OPTIQUE  
SUR APPAREILLAGE DE  
TRAITEMENT DES LIQUIDES**

[72] GOETZ, REINHOLD, DE  
[72] HARNACK, KURT, DE  
[72] KNOFE, HELMUT, DE  
[72] KROOG, JENS-PETER, DE  
[72] SCHEFFLER, PETER, DE  
[73] EPPENDORF AG, DE  
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[25] EN  
[54] **5-ARYL ISOXAZOLINES FOR CONTROLLING INVERTEBRATE PESTS**  
[54] **5-ARYLISOXAZOLINES POUR LUTTER CONTRE DES PARASITES INVERTEBRES**  
[72] LAHM, GEORGE PHILIP, US  
[72] PATEL, KANU MAGANBHAI, US  
[72] PAHUTSKI, THOMAS FRANCIS, JR., US  
[72] SMITH, BENJAMIN KENNETH, US  
[72] LONG, JEFFREY KEITH, US  
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2008-04-21  
[86] 2006-12-15 (PCT/US2006/047999)  
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[30] US (60/752,511) 2005-12-21  
[30] US (60/849,037) 2006-10-03

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[13] C

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[25] EN  
[54] **SYSTEMS AND METHODS FOR RESOLVING CONFLICTS AND MANAGING SYSTEM RESOURCES IN MULTIMEDIA DELIVERY SYSTEMS**  
[54] **SYSTEMES ET PROCEDES DE RESOLUTION DE CONFLITS ET DE GESTION DE RESSOURCES SYSTEME DANS DES SYSTEMES DE DISTRIBUTION MULTIMEDIA**  
[72] DAY, THOMAS, US  
[72] CRANER, MICHAEL L., US  
[73] ROVI GUIDES, INC., US  
[85] 2008-06-10  
[86] 2006-12-12 (PCT/US2006/047422)  
[87] (WO2007/078738)  
[30] US (11/323,984) 2005-12-29

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[13] C

[51] **Int.Cl. H04B 7/185 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR SATELLITE COMMUNICATIONS WITH MOBILE TERRESTRIAL TERMINALS**  
[54] **SYSTEMES ET PROCEDES PERMETTANT UNE COMMUNICATION PAR SATELLITE AVEC DES TERMINAUX TERRESTRES MOBILES**  
[72] WAHLBERG, PER, SE  
[72] LEJNELL, KENNET, SE  
[73] OVERHORIZON (CYPRUS) PLC, CY  
[85] 2008-06-19  
[86] 2007-01-17 (PCT/EP2007/000361)  
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[54] **OPTICAL PYROMETRIC CATHETER FOR TISSUE TEMPERATURE MONITORING DURING CARDIAC ABLATION**  
[54] **CATHETER OPTIQUE PYROMETRIQUE POUR SURVEILLANCE DE LA TEMPERATURE TISSULAIRE PENDANT UNE ABLATION CARDIAQUE**  
[72] LIEBER, CHAD ALLEN, US  
[72] SHARAREH, SHIVA, US  
[73] BIOSENSE WEBSTER, INC., US  
[86] (2636461)  
[87] (2636461)  
[22] 2008-06-27  
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[13] C

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[25] EN  
[54] **ABLATION CATHETER WITH OPTICALLY TRANSPARENT, ELECTRICALLY CONDUCTIVE TIP**  
[54] **CATHETER D'ABLATION DOTE D'UNE POINTE TRANSPARENTE CONDUCTRICE D'ELECTRICITE**  
[72] BEECKLER, CHRISTOPHER, US  
[72] LIEBER, CHAD ALLEN, US  
[72] SHARAREH, SHIVA, US  
[73] BIOSENSE WEBSTER, INC., US  
[86] (2636482)  
[87] (2636482)  
[22] 2008-06-27  
[30] US (11/824,038) 2007-06-29

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[13] C

[51] **Int.Cl. C12N 5/077 (2010.01) A61K 35/34 (2015.01) A61P 9/00 (2006.01)**  
[25] FR  
[54] **METHOD FOR CULTURING CELLS DERIVED FROM THE ADIPOSE TISSUE AND USES THEREOF**  
[54] **PROCEDE DE CULTURE DE CELLULES ISSUES DU TISSU ADIPEUX ET LEURS APPLICATIONS**  
[72] CASTEILLA, LOUIS, FR  
[72] PLANAT-BENARD, VALERIE, FR  
[72] PENICAUD, LUC, FR  
[72] CHANUT, CARINE, FR  
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[85] 2008-07-24  
[86] 2007-01-26 (PCT/FR2007/000158)  
[87] (WO2007/085745)  
[30] FR (0600710) 2006-01-26

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[13] C

[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/20 (2006.01)**

[25] EN

[54] **PEN-NEEDLE ASSEMBLY FOR PREVENTING UNDER-TORQUING AND OVER-TORQUING OF PEN-NEEDLE**

[54] **AIGUILLE POUR STYLO INJECTEUR A L'EPREUVE DE LA FAIBLE APPLICATION OU DE L'APPLICATION EXCESSIVE D'UN COUPLE**

[72] RUAN, TIEMING, US

[72] RAJ, ABHIJITSINH, US

[72] HORVATH, JOSHUA, US

[72] GOLD, ADAM, US

[73] BECTON, DICKINSON AND COMPANY, US

[86] (2639320)

[87] (2639320)

[22] 2008-09-04

[30] US (60/935,955) 2007-09-07

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[13] C

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[25] EN

[54] **CLAMP WITH REMOVABLE JAW**

[54] **SERRE-JOINT A BARRE AVEC MACHOIRES MOBILES**

[72] LOMBARDI, KEITH M., US

[72] RANIERI, ERIC, FR

[73] THE STANLEY WORKS, US

[86] (2639537)

[87] (2639537)

[22] 2008-09-05

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[13] C

[51] **Int.Cl. E21B 43/26 (2006.01) E21B 7/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR FRACTURING WHILE DRILLING**

[54] **SYSTEME ET PROCEDE DE FRACTURATION PENDANT LE FORAGE**

[72] LESSO, WILLIAM, US

[72] UTTER, ROBERT, US

[73] SCHLUMBERGER CANADA LIMITED, CA

[86] (2640150)

[87] (2640150)

[22] 2008-10-01

[30] US (11/871,239) 2007-10-12

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[11] **2,644,140**  
[13] C

[51] **Int.Cl. A61B 10/02 (2006.01)**

[25] EN

[54] **USER INTERFACE ON BIOPSY DEVICE**

[54] **INTERFACE UTILISATEUR SUR DISPOSITIF DE BIOPSIE**

[72] RITCHIE, PAUL G., US

[72] SPEEG, TREVOR W.V., US

[72] ANDREYKO, MICHAEL J., US

[72] JOHNSON, MICHAEL E., US

[72] HABERSTICH, WELLS D., US

[72] WEIKEL, ROBERT F., JR., US

[73] DEVICOR MEDICAL PRODUCTS, INC., US

[86] (2644140)

[87] (2644140)

[22] 2008-11-19

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[11] **2,644,485**  
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[51] **Int.Cl. A61F 15/00 (2006.01) A61F 13/00 (2006.01)**

[25] EN

[54] **INTEGRATED WOUND DRESSING SYSTEM**

[54] **SYSTEME DE PANSEMENT DE PLAIES INTEGRE**

[72] JOHNSON, ROSS, US

[73] TACTICAL MEDICAL SOLUTIONS, INC., US

[85] 2008-10-10

[86] 2007-05-03 (PCT/US2007/010692)

[87] (WO2007/130494)

[30] US (60/746,539) 2006-05-05

[30] US (60/822,198) 2006-08-11

[30] US (11/737,096) 2007-04-18

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[13] C

[51] **Int.Cl. A23L 27/28 (2016.01) A23G 1/56 (2006.01) A23L 2/68 (2006.01)**

[25] EN

[54] **STEEPED COCOA COMPOSITIONS AND FUNCTIONAL COCOA BEVERAGES MADE FROM THEM**

[54] **COMPOSITIONS AU CACAO TREMPÉES ET BOISSONS FONCTIONNELLES AU CACAO FABRIQUÉES A PARTIR DE CELLES-CI**

[72] NAIR, MALATHY, US

[72] KOHR, TIM J., US

[72] CESSNA, KRISTA L., US

[72] BROWN, B. DOUGLAS, US

[72] CIN, SHARON, US

[72] HURST, W. JEFFREY, US

[72] BOLDT, ASHLEY L., US

[72] ZERPHY, GREGORY T., US

[72] BAKER, BRIAN S., US

[73] THE HERSHEY COMPANY, US

[85] 2008-09-10

[86] 2007-03-13 (PCT/US2007/006284)

[87] (WO2007/106473)

[30] US (60/781,327) 2006-03-13

[30] US (60/872,515) 2006-12-04

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[13] C

[51] **Int.Cl. E04B 1/62 (2006.01) B32B 7/12 (2006.01) E04D 13/16 (2006.01)**

[25] EN

[54] **INSULATION SYSTEM AND METHOD FOR PRE-ENGINEERED BUILDINGS**

[54] **SYSTEME D'ISOLATION ET PROCEDE APPLICABLE AUX BATIMENTS INDUSTRIALISES**

[72] STENSRUD, MICHAEL D., CA

[73] ARMAND HOLDINGS, LTD., CA

[86] (2646816)

[87] (2646816)

[22] 2008-12-16

[30] US (61/014,333) 2007-12-17

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[11] **2,647,030**  
[13] C

[51] **Int.Cl. A61C 9/00 (2006.01) B65D 47/30 (2006.01)**

[25] EN

[54] **DEVICE FOR DISPENSING MATERIAL**

[54] **DISPOSITIF DE DISTRIBUTION D'UN MATERIAU**

[72] BROYLES, BRUCE R., US

[72] PEUKER, MARC, DE

[72] GUGGENMOS, SEBASTIAN, DE

[72] BOEHM, ANDREAS, DE

[72] SCHLOEGL, HUBERT, DE

[72] KNEE, MICHAEL, DE

[72] FICHTL, WERNER, DE

[72] DUBBE, JOHN W., DE

[72] HOHMANN, ARNO, DE

[72] MEYERTHOLEN, DARIN J., US

[72] REIDT, DEAN K., US

[72] MAXA, STEVEN J., US

[72] MAHNEL, URS, DE

[73] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2008-09-08

[86] 2007-03-09 (PCT/US2007/063635)

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[30] US (60/780,536) 2006-03-09

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/551 (2006.01) A61P 35/00 (2006.01) C07D 519/00 (2006.01)**

[25] EN

[54] **DIHYDRODIAZEPINES USEFUL AS INHIBITORS OF PROTEIN KINASES**

[54] **DIHYDRODIAZEPINES SERVANT D'INHIBITEURS DES PROTEINES KINASES**

[72] CHARRIER, JEAN-DAMIEN, GB

[72] KAY, DAVID, GB

[72] KNEGTEL, RONALD, GB

[72] TWIN, HEATHER, GB

[73] VERTEX PHARMACEUTICALS INCORPORATED, US

[85] 2008-08-08

[86] 2007-02-13 (PCT/US2007/003699)

[87] (WO2007/095188)

[30] US (60/772,992) 2006-02-14

[30] US (60/831,371) 2006-07-17

[30] US (60/849,353) 2006-10-04

[30] US (60/876,206) 2006-12-21

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[13] C

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[25] EN

[54] **FUNGICIDAL AZOCYCLIC AMIDES**

[54] **AMIDES AZOCYCLIQUES FONGICIDES**

[72] PASTERIS, ROBERT JAMES, US

[72] HANAGAN, MARY ANN, US

[72] SHAPIRO, RAFAEL, US

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

[85] 2008-11-26

[86] 2007-07-27 (PCT/US2007/016875)

[87] (WO2008/013925)

[30] US (60/833,824) 2006-07-27

[30] US (60/897,173) 2007-01-24

[30] US (PCT/US2007/014647) 2007-06-22

[11] **2,655,340**  
[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01) H01L 29/06 (2006.01)**

[25] EN

[54] **NANOSENSORS AND RELATED TECHNOLOGIES**

[54] **NANO-CAPTEURS ET TECHNOLOGIES ASSOCIEES**

[72] LIEBER, CHARLES M., US

[72] FANG, YING, US

[72] PATOLSKY, FERNANDO, IL

[73] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US

[85] 2008-12-12

[86] 2007-06-11 (PCT/US2007/013700)

[87] (WO2008/051316)

[30] US (60/812,884) 2006-06-12

[11] **2,655,863**  
[13] C

[51] **Int.Cl. A61B 18/18 (2006.01) A61N 5/06 (2006.01)**

[25] FR

[54] **HAIR REMOVAL DEVICE UTILIZING PULSED ELECTROMAGNETIC RADIATION**

[54] **DISPOSITIF D'EPILATION UTILISANT UNE RADIATION ELECTROMAGNETIQUE PULSEE**

[72] BROTTIER, YVES VINCENT, FR

[73] BROTTIER, YVES VINCENT, FR

[86] (2655863)

[87] (2655863)

[22] 2009-02-18

[30] FR (08 51170) 2008-02-22

[11] **2,657,456**  
[13] C

[51] **Int.Cl. G06Q 50/24 (2012.01) G06Q 20/22 (2012.01) G06F 19/00 (2011.01)**

[25] EN

[54] **DISTRIBUTION OF HEALTH INFORMATION FOR PROVIDING HEALTH RELATED SERVICES**

[54] **DISTRIBUTION D'INFORMATIONS DE SANTE POUR FOURNIR DES SERVICES APPARENTES A LA SANTE**

[72] CARLSON, MARK, US

[72] KATZIN, EDWARD, US

[73] VISA U.S.A. INC., US

[85] 2008-12-18

[86] 2007-06-21 (PCT/US2007/071797)

[87] (WO2007/149988)

[30] US (60/815,618) 2006-06-21

[30] US (11/765,550) 2007-06-20

[11] **2,658,212**  
[13] C

[51] **Int.Cl. D21C 1/10 (2006.01) D21D 1/20 (2006.01)**

[25] EN

[54] **MEDIUM CONSISTENCY REFINING METHOD OF PULP AND SYSTEM**

[54] **METHODE DE RAFFINAGE DE LA CONSISTENCE D'UN MILIEU PATEUX, ET INSTALLATION**

[72] SABOURIN, MARC, US

[72] AICHINGER, JOHANN, AT

[73] ANDRITZ INC., US

[86] (2658212)

[87] (2658212)

[22] 2009-03-12

[30] US (61/035,853) 2008-03-12

[30] US (12/388,669) 2009-02-19

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[13] C  
[51] **Int.Cl. C12P 7/22 (2006.01)**  
[25] EN  
[54] **METABOLICALLY ENGINEERED CELLS FOR THE PRODUCTION OF PINOSYLVIN**  
[54] **CELLULES MODIFIEES METABOLIQUEMENT POUR LA PRODUCTION DE PINOSYLVINE**  
[72] KATZ, MICHAEL, SE  
[72] FOERSTER, JOCHEN, DK  
[72] DAVID, HELGA, DK  
[72] SCHMIDT, HANS PETER, DK  
[72] SENDELIUS, MALIN, SE  
[72] BJOERN, SARA PETERSEN, DK  
[72] DURHUUS, THOMAS THOMASEN, DK  
[73] EVOLVA SA, CH  
[85] 2009-01-19  
[86] 2007-07-19 (PCT/EP2007/057484)  
[87] (WO2008/009728)  
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[11] **2,658,759**  
[13] C  
[51] **Int.Cl. A61B 5/00 (2006.01)**  
[25] EN  
[54] **METHODS AND MATERIALS FOR STABILIZING ANALYTE SENSORS**  
[54] **PROCEDES ET MATERIELS POUR STABILISER DES CAPTEURS DE SUBSTANCES A ANALYSER**  
[72] SHAH, RAJIV, US  
[72] HOSS, UDO, US  
[72] SOUNDARARAJAN, GOPIKRISHNAN, US  
[72] VAN ANTWERP, NANNETTE M., US  
[72] PHAM, BARRY, US  
[73] MEDTRONIC MINIMED, INC., US  
[85] 2009-01-22  
[86] 2007-07-26 (PCT/US2007/016785)  
[87] (WO2008/013881)  
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[13] C  
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)**  
[25] EN  
[54] **DATA ANALYSIS SYSTEM**  
[54] **SYSTEME D'ANALYSE DE DONNEES**  
[72] ROSNER, NORM, CA  
[73] DRINKING BIRD SOFTWARE LTD., CA  
[86] (2660220)  
[87] (2660220)  
[22] 2009-03-25  
[30] US (61/050,291) 2008-05-05  
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[13] C  
[51] **Int.Cl. G02C 7/16 (2006.01)**  
[25] EN  
[54] **ZONE SWITCHED SPORTS TRAINING EYEWEAR**  
[54] **LUNETTES D'ENTRAINEMENT DE SPORT A COMMUTATION DE ZONE**  
[72] COULTER, RYAN, US  
[72] COLLIER, MICHAEL, US  
[72] FRANK, PHIL, US  
[72] REICHOW, ALAN W., US  
[72] CITEK, KARL M., US  
[73] NIKE INNOVATE C.V., US  
[85] 2009-02-27  
[86] 2007-08-31 (PCT/US2007/077406)  
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[30] US (11/514,822) 2006-08-31

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[13] C  
[51] **Int.Cl. C02F 11/12 (2006.01) B01D 5/00 (2006.01) B01D 35/027 (2006.01) C02F 11/00 (2006.01)**  
[25] EN  
[54] **FILTERING AND CONDENSING APPARATUS OF SUCTION TYPE**  
[54] **FILTREUR-CONDENSEUR ASPIRANT**  
[72] YAMANE, HIROYASU, JP  
[72] KUNITANI, TADASHI, JP  
[72] SAKAI, EIJI, JP  
[73] METAWATER CO., LTD., JP  
[85] 2009-03-11  
[86] 2009-02-18 (PCT/JP2009/000676)  
[87] (WO2010/035362)  
[30] JP (2008-246273) 2008-09-28

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[11] **2,663,103**  
[13] C  
[51] **Int.Cl. B63H 21/21 (2006.01) B63H 20/00 (2006.01)**  
[25] EN  
[54] **OUTBOARD MOTOR**  
[54] **MOTEUR HORS-BORD**  
[72] KUBOTA, MITSUAKI, ZZ  
[72] INABA, TAKESHI, ZZ  
[72] OHTOMO, YOSHIO, ZZ  
[72] IKEDA, HIKARU, ZZ  
[72] SHIMAMURA, HIDEAKI, ZZ  
[73] HONDA MOTOR CO., LTD., JP  
[86] (2663103)  
[87] (2663103)  
[22] 2009-04-16  
[30] JP (2008-108084) 2008-04-17  
[30] JP (2008-108106) 2008-04-17

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[13] C  
[51] **Int.Cl. F04C 14/24 (2006.01) F01M 1/02 (2006.01) F01M 1/20 (2006.01)**  
[25] EN  
[54] **CONTROL SYSTEM AND METHOD FOR PUMP OUTPUT PRESSURE CONTROL**  
[54] **SYSTEME ET PROCEDE DE REGULATION POUR REGULER LA PRESSION DE SORTIE D'UNE POMPE**  
[72] SHULVER, DAVID R., CA  
[72] WILLIAMSON, MATTHEW, CA  
[72] CIOC, ADRIAN CONSTANTIN, CA  
[73] MAGNA POWERTRAIN INC., CA  
[85] 2009-03-10  
[86] 2007-09-26 (PCT/CA2007/001712)  
[87] (WO2008/037070)  
[30] US (60/847,238) 2006-09-26

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[13] C  
[51] **Int.Cl. B01J 21/12 (2006.01) B01J 37/02 (2006.01) F01N 3/00 (2006.01)**  
[25] EN  
[54] **SULFUR TOLERANT ALUMINA CATALYST SUPPORT**  
[54] **SUPPORT CATALYTIQUE A BASE D'ALUMINE TOLERANT LE SOUFRE**  
[72] KORANNE, MANOJ MUKUND, US  
[72] PRYOR, JAMES NEIL, US  
[73] RHODIA OPERATIONS, FR  
[85] 2009-04-03  
[86] 2007-09-12 (PCT/US2007/019798)  
[87] (WO2008/042084)  
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[13] C

[51] **Int.Cl. C07D 239/52 (2006.01)**  
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[54] **PROCESS FOR PREPARING 6-PHENOXYPYRIMIDIN-4-OL DERIVATIVES IN THE PRESENCE OF A QUINUCLIDINE OR A N-METHYL PYRROLIDINE DERIVATIVE**

[54] **PROCEDE DE PREPARATION DE DERIVES DE 6-PHENOXYPYRIMIDINE-4-OL EN PRESENCE D'UNE QUINUCLIDINE OU D'UN DERIVE DE N-METHYLE PYRROLIDINE**

[72] BEVERIDGE, GILLIAN, GB  
[72] BOYD, EWAN CAMPBELL, GB  
[72] VASS, JACK HUGH, GB  
[72] WHITTON, ALAN JOHN, GB  
[73] SYNGENTA PARTICIPATIONS AG, CH

[85] 2009-04-03  
[86] 2007-10-02 (PCT/GB2007/003733)  
[87] (WO2008/043977)  
[30] GB (0619942.6) 2006-10-09

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[13] C

[51] **Int.Cl. H04L 1/00 (2006.01) H04L 1/16 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR INCREASING ACK RESOURCES FOR A WIRELESS COMMUNICATION SYSTEM**

[54] **METHODE ET APPAREIL DESTINES A AUGMENTER LES RESSOURCES D'AR D'UN SYSTEME DE COMMUNICATION SANS FIL**

[72] MALLADI, DURGA PRASAD, US  
[73] QUALCOMM INCORPORATED, US

[85] 2009-04-03  
[86] 2007-10-31 (PCT/US2007/083202)  
[87] (WO2008/055222)  
[30] US (60/863,789) 2006-10-31

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[13] C

[51] **Int.Cl. H01J 49/06 (2006.01)**  
[25] EN  
[54] **ION TRANSFER ARRANGEMENT**

[54] **AGENCEMENT POUR TRANSFERT IONIQUE**

[72] MAKAROV, ALEXANDER, DE  
[72] PESCH, REINHOLD, DE  
[72] MALEK, ROBERT, DE  
[72] KOZLOVSKIY, VIACHESLAV, RU  
[73] THERMO FISHER SCIENTIFIC (BREMEN) GMBH, DE

[85] 2009-05-06  
[86] 2007-11-07 (PCT/EP2007/009640)  
[87] (WO2008/055667)  
[30] US (60/857737) 2006-11-07  
[30] US (11/833209) 2007-08-02

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[11] **2,669,105**  
[13] C

[51] **Int.Cl. E04F 15/02 (2006.01) E04F 15/04 (2006.01)**  
[25] EN  
[54] **MECHANICAL LOCKING OF FLOOR PANELS WITH VERTICAL FOLDING**

[54] **VERROUILLAGE MECANIQUE DE PANNEAUX DE PLANCHER AVEC PLIAGE VERTICAL**

[72] PERVAN, DARKO, SE  
[73] VAELINGE INNOVATION AB, SE

[85] 2009-05-08  
[86] 2007-10-25 (PCT/SE2007/050781)  
[87] (WO2008/060232)  
[30] SE (0602429-3) 2006-11-15  
[30] US (60/858,968) 2006-11-15

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[13] C

[51] **Int.Cl. C12N 5/079 (2010.01) C12N 5/0775 (2010.01) A61K 35/28 (2015.01)**  
[25] EN  
[54] **USE OF A COMPOSITION CONTAINING HUMAN UMBILICAL CORD BLOOD-DERIVED MESENCHYMAL STEM CELL FOR INDUCING DIFFERENTIATION AND PROLIFERATION OF NEURAL PRECURSOR CELLS OR NEURAL STEM CELLS TO NEURAL CELLS**

[54] **UTILISATION D'UNE COMPOSITION COMPRENANT DES CELLULES SOUCHES MESENCHYMALES EXTRAITES DU SANG DE CORDONS OMBILICAUX ET PROVOQUANT LA DIFFERENTIATION ET LA PROLIFERATION DE CELLULES NEURALES PRECURSEURS OU DE CELLULES SOUCHES NEURALES EN CELLULES NEURALES**

[72] OH, WONIL, KR  
[72] YANG, YOON-SUN, KR  
[72] CHANG, JONG WOOK, KR  
[72] CHOI, SOO JIN, KR  
[72] KIM, JU-YEON, KR  
[73] MEDIPOST CO., LTD., KR

[85] 2009-05-12  
[86] 2007-11-29 (PCT/KR2007/006084)  
[87] (WO2008/066330)  
[30] US (60/867,875) 2006-11-30  
[30] KR (10-2006-0120479) 2006-12-01

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[13] C

[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 20/40 (2012.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REWARD MESSAGING, DISCOUNTING AND REDEMPTION AT THE POINT OF INTERACTION**  
[54] **PROCEDE ET APPAREIL PERMETTANT L'ENVOI DE MESSAGES DE RECOMPENSE, L'ATTRIBUTION DE REDUCTIONS ET DE PRIMES A UN POINT D'INTERACTION**  
[72] WHITE, BRIGETTE, US  
[72] GILMAN, ANDREA, US  
[72] HUNTER, BURNETT, US  
[72] FIEBIGER, SARA, US  
[72] HILL, DENNIS, US  
[72] HORSMA, BENGT, US  
[73] MASTERCARD INTERNATIONAL, INC., US  
[85] 2009-05-26  
[86] 2007-10-24 (PCT/US2007/082415)  
[87] (WO2008/052073)  
[30] US (60/862,740) 2006-10-24  
[30] US (11/923,306) 2007-10-24

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[13] C

[51] **Int.Cl. A61K 36/48 (2006.01) A61K 31/10 (2006.01) A61K 31/56 (2006.01) A61K 31/7008 (2006.01) A61K 31/726 (2006.01) A61K 31/737 (2006.01) A61K 45/06 (2006.01) A61P 29/00 (2006.01)**  
[25] EN  
[54] **USE OF ANABOLIC AGENTS, ANTI-CATABOLIC AGENTS, ANTIOXIDANT AGENTS, AND ANALGESICS FOR PROTECTION, TREATMENT AND REPAIR OF CONNECTIVE TISSUES IN HUMANS AND ANIMALS**  
[54] **UTILISATION D'AGENTS ANABOLIQUES, D'AGENTS ANTICATABOLIQUES, D'AGENTS ANTIOXYDANTS, ET DE SUBSTANCES ANALGESIQUES POUR LA PROTECTION, TRAITEMENT ET LA REPARATION DES TISSUS CONJONCTIFS CHEZ L'HOMME ET L'ANIMAL**  
[72] HENDERSON, TODD R., US  
[72] FRONDOZA, CARMELITA, US  
[73] NUTRAMAX LABORATORIES, INC., US  
[85] 2009-06-05  
[86] 2007-12-05 (PCT/US2007/024853)  
[87] (WO2008/070086)  
[30] US (11/634,383) 2006-12-06

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[13] C

[51] **Int.Cl. B22F 9/24 (2006.01) C22B 11/00 (2006.01)**  
[25] EN  
[54] **PROCESS FOR MANUFACTURE OF NANOMETRIC, MONODISPERSE, AND STABLE METALLIC SILVER AND PRODUCT OBTAINED THEREFROM**  
[54] **PROCEDE DE FABRICATION D'ARGENT METALLIQUE NANOMETRIQUE, MONODISPERSE ET STABLE ET PRODUIT OBTENU**  
[72] MARTINEZ MARTINEZ, JESUS MANUEL, MX  
[72] BENAVIDES PEREZ, RICARDO, MX  
[72] BOCANEGRA ROJAS, JOSE GERTRUDIS, MX  
[72] RUIZ, FACUNDO, MX  
[72] VAZQUEZ DURAN, ALMA GUADALUPE, MX  
[72] MARTINEZ CASTANON, GABRIEL ALEJANDRO, MX  
[73] SERVICIOS ADMINISTRATIVOS PENOLES, S.A. DE C.V., MX  
[85] 2009-06-18  
[86] 2007-04-03 (PCT/MX2007/000047)  
[87] (WO2008/075933)  
[30] MX (NL/A/2006/000107) 2006-12-20

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[13] C

[51] **Int.Cl. B08B 15/02 (2006.01) B02C 23/00 (2006.01) B27L 11/00 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR CLEANING A WOOD CHIPPER**  
[54] **APPAREIL POUR NETTOYER LES DECHIQUETEUSES DE BOIS**  
[72] MCBRIDE, DANIEL R., US  
[72] HUNTER, JAMIE, AU  
[73] CEM MACHINE, INC., US  
[86] (2674713)  
[87] (2674713)  
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[54] **DEVICE AND METHOD FOR SEPARATING A FLOWING MEDIUM MIXTURE WITH A STATIONARY CYCLONE**  
[54] **DISPOSITIF ET PROCÉDE DE SEPARATION D'UN MÉLANGE DE MILIEU FLUIDE AU MOYEN D'UN CYCLONE**  
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[54] **METHODS, SYSTEMS, AND APPARATUS FOR FRAGMENTED FILE SHARING**  
[54] **PROCÉDES, SYSTÈMES ET APPAREIL POUR UN PARTAGE DE FICHIER FRAGMENTÉ**  
[72] BRADLEY, WILLIAM BENJAMIN, US  
[73] INTERTRUST TECHNOLOGIES CORPORATION, US  
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[30] US (60/885,364) 2007-01-17

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[54] **TRACTION ASSEMBLY**  
[54] **ENSEMBLE DE TRACTION**  
[72] BESSETTE, ROBERT, CA  
[72] MARCHILDON, LOUIS-FRÉDÉRIC, CA  
[73] SOUCY INTERNATIONAL INC., CA  
[86] (2677425)  
[87] (2677425)  
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[54] **GLOVE COATING AND MANUFACTURING PROCESS**  
[54] **REVÊTEMENT DE GANT ET PROCÉDE DE FABRICATION**  
[72] WONG, WEI CHEONG, MY  
[72] WANG, SHIPING, US  
[72] CHEN, SEONG FONG, MY  
[72] CHONG, CHUANG SIM, MY  
[73] ALLEGIANCE CORPORATION, US  
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[54] **SUPERALLIAGE A BASE DE COBALT RESISTANT A HAUTE TEMPERATURE**  
[72] NAZMY, MOHAMED, CH  
[72] KUNZLER, ANDREAS, CH  
[72] STAUBLI, MARKUS, CH  
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH  
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[25] EN  
[54] **COMPOSITIONS FOR TREATING BIOFILMS AND METHODS FOR USING SAME**  
[54] **COMPOSITIONS POUR TRAITER DES BIOFILMS, ET PROCÉDES POUR LEUR UTILISATION**  
[72] RODEHEAVER, GEORGE, US  
[72] KATZ, ADAM, US  
[73] PLUROGEN THERAPEUTICS, INC., US  
[85] 2009-08-19  
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[25] EN  
[54] **HYBRID ORGANIC SOLAR CELLS WITH PHOTOACTIVE SEMICONDUCTOR NANOPARTICLES ENCLOSED IN SURFACE MODIFIERS**  
[54] **CELLULES SOLAIRES ORGANIQUES HYBRIDES COMPRENANT DES NANOPARTICULES DE SEMI-CONDUCTEUR ENROBÉES DE MODIFICATEURS DE SURFACE PHOTOACTIFS**  
[72] RAUSCHER, FRANK, DE  
[72] HOHEISEL, WERNER, DE  
[72] HENNINGER, BJOERN, DE  
[72] MLECZKO, LESLAW, DE  
[73] QUANTUM MATERIALS CORPORATION, US  
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[54] **DISPOSITIF DE SECTIONNEUR ET SON PROCEDE DE PRODUCTION**  
[72] STEINFELD, KAI, CN  
[72] KRUSKA, BERND, DE  
[72] GOEHLER, REINHARD, DE  
[72] SWIATKOWSKI, GERNOT, DE  
[73] SIEMENS AKTIENGESELLSCHAFT, DE  
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[25] EN  
[54] **USE OF GELSOLIN TO TREAT MULTIPLE SCLEROSIS AND TO DIAGNOSE NEUROLOGIC DISEASES**  
[54] **UTILISATION DE LA GELSOLINE POUR TRAITER LA SCLEROSE EN PLAQUES ET POUR DIAGNOSTIQUER DES MALADIES NEUROLOGIQUES**  
[72] STOSSEL, THOMAS P., US  
[72] LEE, PO-SHUN, US  
[72] DITTEL, BONNIE, US  
[72] MARESZ, KATARZYNA, US  
[73] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US  
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[54] **APPARATUS FOR CREATING A WATER FORMED IMAGE**  
[54] **APPAREIL DE CREATION D'UNE IMAGE COMPOSEE D'EAU**  
[72] TOM, DANNY, CA  
[72] ADAMS, DOUGLAS, CA  
[73] PYROTEK SPECIAL EFFECTS INC./PYROTEK EFFETS SPECIAUX INC., CA  
[85] 2009-09-14  
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[54] **DEVICE FOR THE MEDICAL CARE OF A PATIENT IN AN EMERGENCY**  
[54] **DISPOSITIF POUR LE SOIN MEDICAL D'UN PATIENT EN URGENCE**  
[72] OESTREICH, WOLFGANG, DE  
[73] OESTREICH, WOLFGANG, DR., DE  
[85] 2009-09-17  
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[25] FR  
[54] **VALVE FOR DAMPER PLACED BETWEEN A LOWER CHAMBER AND A DAMPER COMPENSATION CHAMBER**  
[54] **VALVE POUR AMORTISSEUR DISPOSEE ENTRE UNE CHAMBRE INFERIEURE ET UNE CHAMBRE DE COMPENSATION DE L'AMORTISSEUR**  
[72] MARTIN, MICHEL, FR  
[72] DUCAROUGE, GUY, FR  
[72] SCHMUTZ, FRANCOISE, FR  
[73] ALSTOM TRANSPORT TECHNOLOGIES, FR  
[86] (2681546)  
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[25] EN  
[54] **BIPHASIC LIPID-VESICLE COMPOSITION AND METHOD FOR TREATING CERVICAL DYSPLASIA BY INTRAVAGINAL DELIVERY**  
[54] **COMPOSITION DE VESICULES LIPIDIQUES BIPHASIQUES ET PROCEDE DE TRAITEMENT D'UNE DYSPLASIE DU COL DE L'UTERUS PAR ADMINISTRATION INTRAVAGINALE**  
[72] DOCHERTY, JOHN M., CA  
[72] FOLDVARI, MARIANNA, CA  
[72] KUMAR, PRAVEEN, CA  
[73] HELIX BIOPHARMA CORP., CA  
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[25] EN  
[54] **METHODS AND APPARATUS FOR CONTROLLING MULTIPLE A.C. INDUCTION MACHINES FROM A SINGLE INVERTER**  
[54] **METHODES ET APPAREILLAGE DE COMMANDE DE PLUSIEURS MACHINES A INDUCTION A COURANT ALTERNATIF A PARTIR D'UN SEUL ONDULEUR**  
[72] JACKSON, ROBERT D., US  
[73] SIEMENS INDUSTRY, INC., US  
[86] (2681773)  
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[54] **BRAS DE COMMANDE DE POMPE HYDRAULIQUE ET METHODE CONNEXE**

[72] ROTOLE, DAVID V., US

[72] LANG, ERIC RYAN, US

[72] NICHOLS, TOM, US

[73] DEERE & COMPANY, US

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[54] **CONTROL CHANNELS IN COMMUNICATION NETWORK SYSTEMS**

[54] **CANAUX DE COMMANDE DANS DES SYSTEMES DE RESEAU DE COMMUNICATION**

[72] FREDERIKSEN, FRANK, DK

[72] KOLDING, TROELS, DK

[73] WIRELESS FUTURE TECHNOLOGIES INC., CA

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[54] **MICROWAVABLE CONSTRUCT WITH CONTOURED HEATING SURFACE**

[54] **SYSTEME POUR FOUR A MICRO-ONDES AVEC SURFACE CHAUFFANTE PROFILEE**

[72] WNEK, PATRICK H., US

[72] LAFFERTY, TERRENCE P., US

[72] SUNDQUIST, MATTHEW, US

[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US

[85] 2009-11-13

[86] 2008-05-14 (PCT/US2008/063615)

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[30] US (60/930,253) 2007-05-15

[30] US (11/803,466) 2007-05-15

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[30] US (60/931,450) 2007-05-23

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[51] **Int.Cl. G02B 23/12 (2006.01) G02B 13/14 (2006.01) G02B 15/173 (2006.01)**

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[54] **INFRARED CAMERA COMPRISING A HIGH-RATIO OPTICAL ZOOM**

[54] **CAMERA INFRAROUGE COMPORTANT UN ZOOM OPTIQUE DE GRAND RAPPORT ET PROCEDE CORRESPONDANT D'OBSERVATION D'UNE SCENE**

[72] COLENTIER, SYLVIE, FR

[72] DUVAL, FREDERIC, FR

[73] SAGEM DEFENSE SECURITE, FR

[85] 2009-11-19

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[25] EN

[54] **USE OF FAN SHROUD TO VENTILATE ENGINE COMPARTMENT**

[54] **UTILISATION DE TUYERE DE VENTILATEUR POUR VENTILER UN COMPARTIMENT MOTEUR**

[72] BRAUN, KEVIN G., US

[72] SASS, STEVEN R., US

[72] QUINN, ANDREW J., US

[73] DEERE & COMPANY, US

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[25] EN

[54] **MICROORGANISMS AND METHODS FOR PRODUCTION OF 1,2-PROPANEDIOL AND ACETOL**

[54] **MICRO-ORGANISMES ET PROCEDES DE PRODUCTION DE 1,2-PROPANEDIOL ET ACETOL**

[72] SOUCAILLE, PHILIPPE, FR

[72] MEYNIAL-SALLES, ISABELLE, FR

[72] VOELKER, FRANCOIS, FR

[72] FIGGE, RAINER, FR

[73] METABOLIC EXPLORER, FR

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[54] **METHOD FOR MANUFACTURING A THREAD-FORMING SCREW**  
[54] **PROCEDE DE FABRICATION D'UNE VIS AUTOTARAUEUSE**  
[72] HUBER, FRANZ, DE  
[72] PLEIL, MARTIN, AT  
[72] HOFFMANN, CARL, DE  
[72] VORHAUER, ANDREAS, AT  
[72] OPPENEIGER, SIMON, AT  
[72] AUMUELLER, BERTHOLD, DE  
[72] OBERNDORFER, GEORG, AT  
[72] GAHN, JUERGEN, CH  
[72] ACHLEITNER, CORINNA, AT  
[73] HILTI AKTIENGESELLSCHAFT, LI  
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[54] **PROCEDE ET DISPOSITIF DE SECURITE DE CODE PIN DE CARTE DE FIDELITE**  
[72] SMITH, CHANDILYN, US  
[73] E2INTERACTIVE, INC. D/B/A E2INTERACTIVE, INC., US  
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[25] EN  
[54] **METHODS AND PROCESSES FOR CALLING BASES IN SEQUENCE BY INCORPORATION METHODS**  
[54] **METHODES ET PROCEDES POUR IDENTIFIER DES BASES DANS DES PROCEDES**  
[54] **D'INCORPORATION EN FONCTION DE LA SEQUENCE**  
[72] MAXHAM, KENNETH MARK, US  
[72] MURPHY, DEVON, US  
[72] HOLDEN, DAVID, US  
[72] HESTER, KEVIN, US  
[72] MARKS, PATRICK, US  
[72] TOMANEY, AUSTIN B., US  
[73] PACIFIC BIOSCIENCES OF CALIFORNIA, INC., US  
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[13] C  
[51] **Int.Cl. C04B 28/02 (2006.01) C04B 40/00 (2006.01) C04B 14/30 (2006.01) C04B 24/20 (2006.01) C04B 24/26 (2006.01) C04B 24/30 (2006.01) C04B 24/38 (2006.01)**  
[25] EN  
[54] **CEMENT COMPOSITIONS WITH A HIGH PHOTOCATALYTIC POWER AND AN IMPROVED RHEOLOGY**  
[54] **COMPOSITIONS DE CIMENT AYANT UN POUVOIR PHOTOCATALYTIQUE ELEVE ET UNE RHEOLOGIE AMELIOREE**  
[72] PEPE, CARMINE, IT  
[72] GUERRINI, GIAN LUCA, IT  
[73] ITALCEMENTI S.P.A., IT  
[85] 2010-01-21  
[86] 2008-07-24 (PCT/EP2008/059712)  
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[54] **MODULAR RECUMBENT VEHICLE**  
[54] **VEHICULE MODULAIRE A POSITION COUCHEE**  
[72] BELENKOV, ALEXANDRE, CA  
[72] BELENKOV, EUGENE, CA  
[72] BELENKOVA, ANNA, CA  
[73] BELENKOV, ALEXANDRE, CA  
[73] BELENKOV, EUGENE, CA  
[73] BELENKOVA, ANNA, CA  
[86] (2694421)  
[87] (2694421)  
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[54] **NEEDLE ARRAY ASSEMBLY AND METHOD FOR DELIVERING THERAPEUTIC AGENTS**  
[54] **ENSEMBLE D'AIGUILLES ET PROCEDE DE DISTRIBUTION D'AGENTS THERAPEUTIQUES**  
[72] BAHRAMI, S. BAHRAM, US  
[72] VEISEH, MANDANA, US  
[72] OLSON, JAMES, US  
[73] FRED HUTCHINSON CANCER RESEARCH CENTER, US  
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[54] **REDUCED-PRESSURE SYSTEM AND METHOD EMPLOYING A GASKET**  
[54] **SYSTEME A PRESSION REDUITE ET PROCEDE EMPLOYANT UN JOINT D'ETANCHEITE**  
[72] MORMINO, RICHARD PAUL, US  
[72] FRUCHTERMAN, TODD MATTHEW, US  
[73] KCI LICENSING INC., US  
[85] 2010-02-19  
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[54] **STABLE EMISSIVE TONER COMPOSITION SYSTEM AND METHOD**  
[54] **COMPOSITION EMISSIVE ET STABLE POUR TONER ET PROCEDE ASSOCIE**  
[72] COYLE, WILLIAM, US  
[72] STRAMONDO, ANTHONY, US  
[73] ANGSTROM TECHNOLOGIES, INC., US  
[85] 2010-02-19  
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[13] C

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[25] EN  
[54] **AN APPARATUS FOR TAXIING AN AIRCRAFT**  
[54] **APPAREILLAGE DE ROULAGE D'UN AERONEF**  
[72] MALKIN, PETER, GB  
[72] JEWELL, GERAINT WYN, GB  
[73] ROLLS-ROYCE PLC, GB  
[86] (2697894)  
[87] (2697894)  
[22] 2010-03-29  
[30] GB (0905568.2) 2009-04-01

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[13] C

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[25] EN  
[54] **METHODS OF CALCULATING THE POSITION OF A GNSS RECEIVER FROM TWO-FREQUENCY AND SINGLE-FREQUENCY PSEUDO-MEASUREMENTS**  
[54] **PROCEDE DE CALCUL DE LA POSITION D'UN RECEPTEUR GNSS PAR PSEUDO-MESURES A DEUX FREQUENCES ET A UNE SEULE FREQUENCE**  
[72] ROLLET, STEPHANE, FR  
[72] PERRE, JEAN-MICHEL, FR  
[72] MARTIN, NICOLAS, FR  
[73] THALES, FR  
[86] (2697963)  
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[22] 2010-03-26  
[30] FR (0901510) 2009-03-27

[11] **2,698,030**  
[13] C

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[25] EN  
[54] **AN AIRCRAFT ELECTRICAL ACTUATOR ARRANGEMENT**  
[54] **ENSEMBLE DE VERINS DE COMMANDE ELECTRIQUE POUR AERONEF**  
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[72] TRAINER, DAVID REGINALD, GB  
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[72] YAMASAKI, MOTOO, JP  
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[72] ENGLE, JOSEPH CRAIG, US  
[72] METCALFE, HAROLD, US  
[72] ROBERTS, JOHN, US  
[72] DICKINSON, MATTHEW, US  
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[72] CARTER, CHARLES ASHTON GARRET, CA  
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[72] JIANG, TAO, US  
[72] CANTRELL, GARY L., US  
[72] BERBERICH, DAVID W., US  
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[72] BRADFORD, WILLIAMSON Z., US  
[72] SZWARCBERG, JAVIER, US  
[73] INTERMUNE, INC., US  
[86] (2710014)  
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[73] WMT WIRE MACHINE TECHNOLOGIES LTD., IL

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[73] USG INTERIORS, LLC, US

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[54] **APPAREIL D'EXCAVATION**

[72] POLLOCK, EDWARD MARSHALL, CA

[72] POLLOCK, ANDREW LESLIE, CA

[73] UTILICOR TECHNOLOGIES INC., CA

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[73] SCHLUMBERGER CANADA LIMITED, CA

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[54] **INHIBITEURS HETEROCYCLIQUES DE LA STEAROYL-COA DESATURASE**

[72] DALES, NATALIE, US

[72] CHOWDHURY, SULTAN, CA

[72] FONAREV, JULIA, CA

[72] FU, JIANMIN, CA

[72] HOU, DUANJIE, CA

[72] JIA, QI, CA

[72] KODUMURU, VISHNUMURTHY, CA

[72] POKROVSKAIA, NATALIA, CA

[72] SUN, SHAOYI, CA

[72] ZHANG, ZAIHUI, CA

[73] NOVARTIS AG, CH

[73] XENON PHARMACEUTICALS INC., CA

[85] 2010-08-17

[86] 2009-02-18 (PCT/EP2009/051926)

[87] (WO2009/103739)

[30] US (61/030,137) 2008-02-20

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[11] **2,715,990**  
[13] C

[51] **Int.Cl. A01G 1/00 (2006.01)**

[25] EN

[54] **A METHOD OF TREATING TURF OR PLANTS**

[54] **PROCEDE DE TRAITEMENT DE GAZON OU DE PLANTES**

[72] DAWSON, PAUL, GB

[72] BURRELL, MICHAEL, GB

[73] ROLAWN LIMITED, GB

[85] 2010-08-18

[86] 2008-09-22 (PCT/GB2008/050849)

[87] (WO2009/037514)

[30] GB (0718321.3) 2007-09-20

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[11] **2,716,023**  
[13] C

[51] **Int.Cl. C08L 77/06 (2006.01) C09K 8/035 (2006.01) C09K 8/32 (2006.01) E21B 21/06 (2006.01)**

[25] EN

[54] **EQUIVALENT CIRCULATING DENSITY CONTROL IN DEEP WATER DRILLING**

[54] **CONTROLE DE DENSITE DE CIRCULATION EQUIVALENTE DANS LE FORAGE EN EAU PROFONDE**

[72] DINO, DAVID, US

[73] ELEMENTIS SPECIALTIES, INC., US

[85] 2010-08-18

[86] 2009-02-11 (PCT/US2009/000866)

[87] (WO2009/110959)

[30] US (12/075,027) 2008-03-07

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[11] **2,716,074**  
[13] C

[51] **Int.Cl. G01N 31/22 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR DETECTION OF AN ANALYTE**

[54] **METHODE ET DISPOSITIF DE DETECTION D'UN ANALYTE**

[72] LUOTOLA, JUHANI, FI

[72] SUNNARI, ANTTI, FI

[72] KOLOLUOMA, TERHO, FI

[72] KERANEN, MIKKO, FI

[73] ORION DIAGNOSTICA OY, FI

[85] 2010-08-19

[86] 2009-02-20 (PCT/FI2009/000028)

[87] (WO2009/103843)

[30] US (61/030,747) 2008-02-22

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[11] **2,717,446**  
[13] C

[51] **Int.Cl. A61N 1/37 (2006.01) A61B 5/0452 (2006.01)**

[25] EN

[54] **METHODS AND DEVICES FOR ACCURATELY CLASSIFYING CARDIAC ACTIVITY**

[54] **PROCEDES ET DISPOSITIFS PERMETTANT DE CLASSER AVEC PRECISION L'ACTIVITE CARDIAQUE**

[72] ALLAVATAM, VENUGOPAL, US

[72] PALREDDY, SUREKHA, US

[72] WARREN, JAY A., US

[72] SANGHERA, RICK, US

[73] CAMERON HEALTH, INC., US

[85] 2010-09-02

[86] 2009-03-06 (PCT/US2009/036434)

[87] (WO2009/111766)

[30] US (61/034,938) 2008-03-07

[30] US (12/399,914) 2009-03-06

[30] US (61/051,332) 2008-05-07

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[11] **2,717,996**  
[13] C

[51] **Int.Cl. G01N 33/543 (2006.01)**

[25] FR

[54] **METHOD FOR DETECTING AND QUANTIFYING A MOLECULE INCLUDING AT LEAST ONE PROTON GROUP ON A SOLID SUBSTRATE**

[54] **PROCEDE DE DETECTION ET DE QUANTIFICATION D'UNE MOLECULE COMPRENANT AU MOINS UN GROUPEMENT PROTONE SUR UN SUPPORT SOLIDE**

[72] COUSSOT, GAELLE, FR

[72] VANDENABEELE-TRAMBOUZE, ODILE, FR

[72] DESVIGNES, ISABELLE, FR

[72] DOBRIJEVIC, MICHEL, FR

[72] LE POSTOLLEC, AURELIE, FR

[72] CHAZALNOEL, PASCALE, FR

[73] CENTRE NATIONAL D'ETUDES SPATIALES, FR

[85] 2010-09-03

[86] 2009-03-05 (PCT/EP2009/052637)

[87] (WO2009/112430)

[30] FR (0851425) 2008-03-05

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[11] **2,718,373**  
[13] C

[51] **Int.Cl. F25B 49/02 (2006.01) H02P 31/00 (2006.01)**

[25] EN

[54] **MOTOR CONTROLLER FOR AIR-CONDITIONER FAN AND CONTROL METHOD THEREOF**

[54] **COMMANDE DE MOTEUR POUR VENTILATEUR DE CLIMATISEUR ET PROCEDE CONNEXE**

[72] ZHAO, YONG, CN

[73] ZHONGSHAN BROAD-OCEAN MOTOR MANUFACTURING CO., LTD., CN

[86] (2718373)

[87] (2718373)

[22] 2010-10-22

[30] CN (201010109583.3) 2010-02-01

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[11] **2,718,484**  
[13] C

[51] **Int.Cl. H01J 49/06 (2006.01) H01J 49/22 (2006.01) H01J 49/28 (2006.01)**

[25] EN

[54] **METHOD FOR MEASURING GASES AND CORRESPONDING ION MOBILITY SPECTROMETER**

[54] **PROCEDE DE MESURE DE GAZ ET SPECTROMETRIE DE MOBILITE IONIQUE CORRESPONDANTE**

[72] MATTILA, TERHI, FI

[72] ANTTALAINEN, OSMO, FI

[72] KARPANOJA, ESKO, FI

[72] PAAKKANEN, HEIKKI, FI

[72] KATTO, TERO, FI

[72] SAUKKO, ERKKA, FI

[73] ENVIRONICS OY, FI

[85] 2010-09-13

[86] 2009-04-02 (PCT/FI2009/050249)

[87] (WO2009/122017)

[30] FI (20085283) 2008-04-03

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[13] C

[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/506 (2006.01) A61P 7/06 (2006.01) C07D 401/04 (2006.01)**

[25] EN

[54] **SUBSTITUTED 4-HYDROXYPYRIMIDINE-5-CARBOXAMIDES**

[54] **4-HYDROXYPYRIMIDINE-5-CARBOXAMIDES SUBSTITUES**

[72] CLEMENTS, MATTHEW J., US  
[72] DEBENHAM, JOHN S., US  
[72] HALE, JEFFREY J., US  
[72] MADSEN-DUGGAN, CHRISTINA B., US

[72] WALSH, THOMAS F., US  
[73] MERCK SHARP & DOHME CORP., US

[85] 2010-09-14  
[86] 2009-03-09 (PCT/US2009/036501)  
[87] (WO2009/117269)  
[30] US (61/069,864) 2008-03-18  
[30] US (61/192,918) 2008-09-23

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[11] **2,719,113**  
[13] C

[51] **Int.Cl. C09D 5/18 (2006.01) C09D 109/00 (2006.01) C09D 109/06 (2006.01) C09D 111/00 (2006.01) C09D 123/06 (2006.01)**

[25] EN

[54] **LOW SMOKE, FIRE AND WATER RESISTANT CABLE COATING**

[54] **REVETEMENT POUR CABLE RESISTANT A L'EAU, RESISTANT AU FEU ET A FAIBLE EMISSION DE FUMEE**

[72] CLANCY, TIMOTHY J., US  
[73] GENERAL CABLE TECHNOLOGIES CORPORATION, US

[85] 2010-09-21  
[86] 2009-03-20 (PCT/US2009/037759)  
[87] (WO2009/117633)  
[30] US (12/052,888) 2008-03-21

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[11] **2,720,063**  
[13] C

[51] **Int.Cl. E21B 10/56 (2006.01) B22F 3/24 (2006.01) C21D 7/04 (2006.01)**

[25] EN

[54] **DRILL BIT FOR A ROCK DRILLING TOOL WITH INCREASED TOUGHNESS AND METHOD FOR INCREASING THE TOUGHNESS OF SUCH DRILL BITS**

[54] **TREPAN POUR UN OUTIL DE FORAGE DE ROCHE AVEC RESISTANCE ACCRUE ET PROCEDE POUR AUGMENTER LA RESISTANCE DE TELS TREPANS**

[72] CARLSSON, JIMMY, SE  
[72] STENBERG, GORAN, SE  
[72] REHNSTROM, MATTIAS, SE  
[73] ATLAS COPCO SECOROC AB, SE

[85] 2010-09-29  
[86] 2009-02-27 (PCT/SE2009/050219)  
[87] (WO2009/123543)  
[30] SE (0800721-3) 2008-03-31

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[11] **2,720,696**  
[13] C

[51] **Int.Cl. D04H 1/542 (2012.01) D04H 1/4209 (2012.01)**

[25] EN

[54] **NON-WOVEN MATERIAL AND METHOD OF MAKING SUCH MATERIAL**

[54] **MATERIAU NON TISSE ET PROCEDE DE FABRICATION D'UN TEL MATERIAU**

[72] MUELLER, DONALD S., US  
[72] SONG, WEIXIN D., US  
[72] CAO, BANGJI, US  
[73] USG INTERIORS, LLC, US

[85] 2010-10-01  
[86] 2009-04-01 (PCT/US2009/039073)  
[87] (WO2009/124104)  
[30] US (12/061,825) 2008-04-03

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[11] **2,720,832**  
[13] C

[51] **Int.Cl. A47K 5/12 (2006.01) B65D 83/00 (2006.01)**

[25] EN

[54] **PRODUCT DISPENSER CONNECTOR**

[54] **CONNECTEUR DE DISTRIBUTEUR DE PRODUIT**

[72] MOREY, JOHN D., US  
[72] CARLSON, BRIAN P., US  
[72] ANDERSON, JAY R., US  
[73] ECOLAB INC., US

[85] 2010-10-06  
[86] 2009-05-21 (PCT/IB2009/052143)  
[87] (WO2009/141803)  
[30] US (12/125,438) 2008-05-22

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[11] **2,721,517**  
[13] C

[51] **Int.Cl. H04M 3/42 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR IMPROVED CALLER NAME IDENTIFICATION ON A TELEPHONE NETWORK**

[54] **PROCEDES ET SYSTEMES POUR UNE IDENTIFICATION DE NOM D'APPELANT AMELIOREE SUR UN RESEAU TELEPHONIQUE**

[72] GOSSELIN, MARK, US  
[72] MALISKA, THOMAS P., US  
[73] CEQUINT, INC., US

[85] 2010-10-15  
[86] 2009-04-02 (PCT/US2009/039350)  
[87] (WO2009/129055)  
[30] US (12/191,892) 2008-08-14  
[30] US (61/045,204) 2008-04-15

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[11] **2,722,594**  
[13] C

[51] **Int.Cl. G21C 15/243 (2006.01)**

[25] EN

[54] **MOTOR STAND OF A PRIMARY MOTOR-DRIVEN PUMP UNIT OF A PRESSURIZED WATER NUCLEAR REACTOR**

[54] **SUPPORT DE MOTEUR D'UNE POMPE ENTRAINEE PAR UN MOTEUR PRIMAIRE D'UN REACTEUR NUCLEAIRE A EAU PRESSURISEE**

[72] PHILIPPART, OLIVIER, FR  
[73] AREVA NP, FR

[86] (2722594)  
[87] (2722594)  
[22] 2010-11-26  
[30] FR (09/58743) 2009-12-08

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[11] **2,724,211**  
[13] C

[51] **Int.Cl. C25D 3/60 (2006.01) C25D 3/02 (2006.01)**

[25] EN

[54] **PYROPHOSPHATE-CONTAINING BATH FOR CYANIDE-FREE DEPOSITION OF COPPER-TIN ALLOYS**

[54] **BAIN CONTENANT DES PYROPHOSPHATES POUR LE DEPOT SANS CYANURE D'ALLIAGES DE CUIVRE-ETAIN**

[72] HARTMANN, PHILIP, DE

[72] SCHULZ, KLAUS-DIETER, DE

[72] KOHLMANN, LARS, DE

[72] BRUNNER, HEIKO, DE

[73] ATOTECH DEUTSCHLAND GMBH, DE

[85] 2010-11-12

[86] 2009-05-29 (PCT/EP2009/003886)

[87] (WO2009/146865)

[30] EP (08010058.9) 2008-06-02

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[11] **2,724,508**  
[13] C

[51] **Int.Cl. C07D 409/14 (2006.01) A61K 31/416 (2006.01) A61K 31/4439 (2006.01) A61P 11/00 (2006.01) A61P 29/00 (2006.01) C07D 407/12 (2006.01) C07D 407/14 (2006.01)**

[25] EN

[54] **PHENYL AND BENZODIOXINYL SUBSTITUTED INDAZOLES DERIVATIVES**

[54] **DERIVES D'INDAZOLES A SUBSTITUTIONS PHENYLE ET BENZODIOXINYLE**

[72] BERGER, MARKUS, DE

[72] DAHMEN, JAN, SE

[72] EDMAN, KARL, SE

[72] ERIKSSON, ANDERS, SE

[72] HANSSON, THOMAS, SE

[72] HEMMERLING, MARTIN, DE

[72] HOSSAIN NAFIZAL, SE

[72] KLINGSTEDT, TOMAS, SE

[72] LEPISTO, MATTI, SE

[72] NILSSON, STINABRITT, SE

[72] REHWINKEL, HARTMUT, DE

[73] BAYER SCHERING PHARMA AG, DE

[73] ASTRAZENECA AB, SE

[85] 2010-11-15

[86] 2009-05-20 (PCT/SE2009/000267)

[87] (WO2009/142571)

[30] US (61/054,616) 2008-05-20

[30] US (61/080,312) 2008-07-14

[30] US (61/144,776) 2009-01-15

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[11] **2,724,568**  
[13] C

[51] **Int.Cl. E04B 1/94 (2006.01) E04C 2/296 (2006.01)**

[25] EN

[54] **FLAT, PREFERABLY FLEXIBLE FIRE PROTECTION UNIT AND DEVICE FOR SHUTTING OFF A ROOM AGAINST A FLUID, ESPECIALLY AN INFLAMMABLE LIQUID FLOWING INTO THE ROOM OR OUT OF THE ROOM**

[54] **ENSEMBLE IGNIFUFE PLAN ET, DE PREFERENCE, FLEXIBLE ET DISPOSITIF DE CLOISONNEMENT D'UN ESPACE EMPECHANT L'ENTREE OU LA SORTIE D'UN FLUIDE, EN PARTICULIER D'UN LIQUIDE COMBUSTIBLE**

[72] KMIECINSKI, RENE, DE

[72] ANHAMM, DAG, DE

[73] ANHAMM GMBH, DE

[85] 2010-11-16

[86] 2009-05-20 (PCT/EP2009/056170)

[87] (WO2009/141394)

[30] DE (10 2008 024 575.5) 2008-05-21

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[11] **2,724,644**  
[13] C

[51] **Int.Cl. A61M 5/00 (2006.01) A61M 5/14 (2006.01)**

[25] EN

[54] **INFUSION SYSTEM CONFIGURATIONS**

[54] **CONFIGURATIONS DE SYSTEME DE PERFUSION**

[72] QUIRICO, CHARLES R., US

[72] BALESTRACCI, ERNEST, US

[72] SWENSON, ROLF E., US

[72] DARST, DANIEL D., US

[72] KRAUSE, ERIC J., US

[72] LOKHANDE, VISHAL N., US

[72] CHILDS, JACOB S., US

[73] BRACCO DIAGNOSTICS INC., US

[85] 2010-11-16

[86] 2009-06-11 (PCT/US2009/047030)

[87] (WO2009/152322)

[30] US (12/137,364) 2008-06-11

[30] US (12/137,363) 2008-06-11

[30] US (12/137,356) 2008-06-11

[30] US (12/137,377) 2008-06-11

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[11] **2,725,185**  
[13] C

[51] **Int.Cl. C07D 215/48 (2006.01) A61K 31/4709 (2006.01) A61K 31/498 (2006.01) A61P 35/00 (2006.01) C07D 241/44 (2006.01) C07D 403/12 (2006.01) C07D 403/14 (2006.01)**

[25] EN

[54] **DERIVATIVES OF QUINOLINES AND QUINOXALINES AS PROTEIN TYROSINE KINASE INHIBITORS**

[54] **DERIVES DE QUINOLEINES ET DE QUINOXALINES EN TANT QU'INHIBITEURS DE PROTEINE TYROSINE KINASES**

[72] FURET, PASCAL, CH

[72] GRAUS PORTA, DIANA, CH

[72] GUAGNANO, VITO, CH

[73] NOVARTIS AG, CH

[85] 2010-11-22

[86] 2009-05-20 (PCT/EP2009/056154)

[87] (WO2009/141386)

[30] EP (08156846.1) 2008-05-23

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[11] **2,725,321**  
[13] C

[51] **Int.Cl. H04J 3/06 (2006.01) H04L 1/00 (2006.01) H04L 19/00 (2006.01) H04L 25/49 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD OF AN IN-BAND MODEM FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS COMMUNICATION NETWORKS**

[54] **SYSTEME ET PROCEDE DE MODEM INTRABANDE POUR LA COMMUNICATION DE DONNEES SUR DES RESEAUX DE COMMUNICATION SANS FIL NUMERIQUES**

[72] PIETSCH, CHRISTIAN, US

[72] FRANK, GEORG, US

[72] SGRAJA, CHRISTIAN, US

[72] HUANG, PENGJUN, US

[72] JOETTEN, CHRISTOPH A., US

[72] WERNER, MARC W., US

[72] GRANZOW, WOLFGANG, US

[73] QUALCOMM INCORPORATED, US

[85] 2010-11-22

[86] 2009-06-05 (PCT/US2009/046400)

[87] (WO2009/149346)

[30] US (61/059,179) 2008-06-05

[30] US (61/087,923) 2008-08-11

[30] US (61/093,657) 2008-09-02

[30] US (61/122,997) 2008-12-16

[30] US (61/151,457) 2009-02-10

[30] US (61/166,904) 2009-04-06

[30] US (12/477,561) 2009-06-03

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[11] **2,725,603**  
[13] C

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4525 (2006.01) A61P 35/00 (2006.01) C07D 401/14 (2006.01) C07D 405/14 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01)**

[25] EN

[54] **5-SUBSTITUTED ISOINDOLINE COMPOUNDS**

[54] **COMPOSES CONSISTANT EN ISOINDOLINES SUBSTITUEES EN POSITION 5**

[72] MULLER, GEORGE W., US  
[72] CHEN, ROGER S. C., US  
[72] RUCHELMAN, ALEXANDER L., US  
[72] MAN, HON-WAH, US  
[72] ZHANG, WEIHONG, US  
[72] KHALIL, EHAB M., US  
[73] CELGENE CORPORATION, US  
[85] 2010-11-24  
[86] 2009-05-28 (PCT/US2009/003258)  
[87] (WO2009/145899)  
[30] US (12/130,445) 2008-05-30

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[11] **2,726,334**  
[13] C

[51] **Int.Cl. A61B 18/14 (2006.01) A61M 25/00 (2006.01)**

[25] EN

[54] **CATHETER WITH ARCUATE END SECTION**

[54] **CATHETER A SECTION D'EXTREMITE EN ARC**

[72] GOVARI, ASSAF, IL  
[72] MOADDEB, SHAHRAM, US  
[72] ZIRKLE, MICHAEL OLEN, US  
[72] BEECKLER, CHRISTOPHER, US  
[72] HILL, PHILIPPA, US  
[72] ALTMANN, ANDRES CLAUDIO, IL  
[73] BIOSENSE WEBSTER (ISRAEL), LTD., IL  
[86] (2726334)  
[87] (2726334)  
[22] 2010-12-22  
[30] US (12/649,417) 2009-12-30

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[11] **2,726,704**  
[13] C

[51] **Int.Cl. A61K 31/496 (2006.01) A61P 31/10 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITIONS CONTAINING A CRYSTALLINE FORM OF POSACONAZOLE**

[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT UNE FORME CRISTALLINE DE POSACONAZOLE**

[72] WIESER, JOSEF, AT  
[72] PICHLER, ARTHUR, AT  
[72] HOTTER, ANDREAS, AT  
[72] GRIESSER, ULRICH, AT  
[72] LANGES, CHRISTOPH, AT  
[72] LASCHOB, CHRISTIAN, AT  
[73] SANDOZ AG, CH  
[85] 2010-12-01  
[86] 2009-05-28 (PCT/EP2009/056574)  
[87] (WO2009/147075)  
[30] EP (08157435.2) 2008-06-02  
[30] US (61/130,720) 2008-06-02

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[11] **2,726,905**  
[13] C

[51] **Int.Cl. F04D 29/42 (2006.01) F02C 7/04 (2006.01)**

[25] FR

[54] **COMPRESSOR COVER FOR TURBINE ENGINE HAVING AXIAL ABUTMENT**

[54] **COUVERCLE DE COMPRESSEUR DE TURBOMOTEUR A BUTEE AXIALE**

[72] JOUBERT, PHILIPPE, FR  
[72] LABORDE, PATRICE, FR  
[72] MOUZE, YANN, FR  
[72] PEROT, PHILIPPE, FR  
[73] TURBOMECA, FR  
[85] 2010-11-23  
[86] 2009-05-20 (PCT/FR2009/050939)  
[87] (WO2009/153478)  
[30] FR (0853394) 2008-05-26

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[11] **2,728,052**  
[13] C

[51] **Int.Cl. H04L 25/02 (2006.01) H04B 1/707 (2011.01) H04L 1/00 (2006.01) H04L 25/03 (2006.01) H04L 25/06 (2006.01) H04L 27/00 (2006.01) H04L 27/227 (2006.01) H04L 27/34 (2006.01) H04L 27/38 (2006.01)**

[25] EN

[54] **RECEIVER AND METHOD FOR PROCESSING RADIO SIGNALS USING SOFT PILOT SYMBOLS**

[54] **RECEPTEUR ET PROCEDE SERVANT A TRAITER DES SIGNAUX RADIO EN UTILISANT DES SYMBOLES PILOTES LOGICIELS**

[72] CAIRNS, DOUGLAS A., US  
[72] JONSSON, ELIAS, SE  
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE  
[85] 2010-12-14  
[86] 2009-06-15 (PCT/IB2009/005944)  
[87] (WO2010/004389)  
[30] US (61/073,264) 2008-06-17  
[30] US (12/239,918) 2008-09-29

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[11] **2,728,183**  
[13] C

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **COMPOSITIONS WITH AND PROCESS FOR METHYLMORPHOLIN-SUBSTITUTED PYRIDO [2,3-D] PRYIMIDINES**

[54] **COMPOSITIONS COMPRENANT DES PYRIDO [2,3-D] PRYIMIDINES SUBSTITUEES PAR LAMETHYLMORPHOLINE**

[72] BLADE, HELEN, GB  
[72] CHURCHILL, GWYDION HUW, GB  
[72] CURRIE, ANGELA CHARLOTTE, GB  
[72] DOBSON, BENJAMIN CHARLES, GB  
[72] HYNES, PETER SAMUEL, GB  
[72] KENWORTHY, MARTIN NEAL, GB  
[72] POWELL, LYN, GB  
[72] RAW, STEVEN ANTHONY, GB  
[73] ASTRAZENECA AB, SE  
[85] 2010-12-15  
[86] 2009-06-18 (PCT/GB2009/050695)  
[87] (WO2009/153597)  
[30] US (61/074,188) 2008-06-20  
[30] US (61/152,350) 2009-02-13

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[11] **2,728,431**  
[13] C  
[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 10/08 (2012.01)**  
[25] EN  
[54] **SYSTEMS, METHODS, AND DEVICES FOR MANAGING EMERGENCY POWER SUPPLY SYSTEMS**  
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS DE GESTION DE SYSTEMES D'ALIMENTATION ELECTRIQUE D'URGENCE**  
[72] WITTER, BRADLEY JAY, US  
[72] BUTLER, THOMAS JOSEPH, US  
[72] REICHEL, ERIC D., US  
[72] SCOUFIS, JOSEPH J., US  
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[54] **A REACTOR, A STRUCTURED PACKING, AND A METHOD FOR IMPROVING OXIDATION OF HYDROGEN SULFIDE OR POLYSULFIDES IN LIQUID SULFUR**  
[54] **UN REACTEUR, UN REMPLISSAGE STRUCTURE ET UNE METHODE POUR AMELIORER L'OXYDATION DU SULFURE D'HYDROGENE OU DE POLYSULFURES DANS UN LIQUIDE**  
[72] GARG, DIWAKAR, US  
[72] LI, XIANMING JIMMY, US  
[72] PAREKH, UDAY NAVIN, US  
[72] CHOE, JUNG SOO, US  
[72] NASATO, ELMO, CA  
[73] GOAR ALLISON & ASSOCIATES, INC., US  
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[54] **PROCESS FOR THE PREPARATION OF SUBSTITUTED PYRIMIDINE DERIVATIVES**  
[54] **PROCEDE POUR LA PREPARATION DE DERIVES DE PYRIMIDINE SUBSTITUES**  
[72] CESCO-CANCIAN, SERGIO, US  
[72] CHEN, HONGFENG, US  
[72] GRIMM, JEFFREY S., US  
[72] MANI, NEELAKANDHA S., US  
[72] MAPES, CHRISTOPHER M., US  
[72] PALMER, DAVID C., US  
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[54] **FINISHING NEEDLE**  
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[72] ZELENY, ANNA D., US  
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[54] **MEDICATION DELIVERY DEVICE AND METHOD OF ASSEMBLING A MEDICATION DELIVERY DEVICE**  
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT ET PROCEDE DE MONTAGE D'UN DISPOSITIF D'ADMINISTRATION DE MEDICAMENT**  
[72] MATTHIAS, CLAUDIA, DE  
[72] HELMER, MICHAEL, DE  
[72] HEMMANN, KERSTINE, DE  
[73] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE  
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[25] EN  
[54] **EXTRUSION RESISTANT GASKET FACE SEAL**  
[54] **JOINT FACIAL DE DISPOSITIF D'ETANCHEITE RESISTANT A L'EXTRUSION**  
[72] RAO, JUSTIN SANJAY, US  
[72] ZEARBAUGH, SCOTT RICHARD, US  
[73] GENERAL ELECTRIC COMPANY, US  
[85] 2011-01-06  
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[54] **SYSTEME ET PROCEDE DE LIAISON MARINE**  
[72] YEMM, RICHARD WILLIAM, GB  
[72] MAYCOCK, EDWARD CHARLES, GB  
[72] SHAW, MARTIN GOLDMAN, GB  
[72] COLLEE, MICHAEL, GB  
[72] DICKENS, ELIZABETH ANNE JANE, GB  
[73] WAVE ENERGY SCOTLAND LIMITED, GB  
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[54] **VETEMENT AVEC INDICATEUR DE SURFACE INTERIEURE**  
[72] SMITH, AARON DRAKE, US  
[72] LILLEY, DAVID AARON, US  
[72] LARKIN, DAMON RICHARD, US  
[73] KIMBERLY-CLARK WORLDWIDE, INC., US  
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[25] EN  
[54] **1,1'-DIADAMANTYL CARBOXYLIC ACIDS, MEDICAMENTS CONTAINING SUCH COMPOUNDS AND THEIR USE**  
[54] **ACIDES 1,1'-DIADAMANTYL CARBOXYLIQUES, MEDICAMENTS CONTENANT DE TELS COMPOSES ET APPLICATION ASSOCIEE**  
[72] ECKHARDT, MATTHIAS, DE  
[72] HAMILTON, BRADFORD S., DE  
[72] HIMMELSBACH, FRANK, DE  
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE  
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[25] EN  
[54] **SLAG DISCHARGE DEVICE OF A COAL GASIFICATION REACTOR**  
[54] **DISPOSITIF D'EXTRACTION DE LAITIER CONTENU DANS UN REACTEUR DE GAZEIFICATION DE CHARBON**  
[72] HANROTT, CHRISTOPH, DE  
[73] THYSSENKRUPP UHDE GMBH, DE  
[85] 2011-01-10  
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[54] **EMULSIONS POUR LIANT EN FIBRES DE VERRE**  
[72] SINNIGE, LAURENCE ANTHONY, CA  
[73] WALKER INDUSTRIES HOLDINGS LIMITED, CA  
[86] (2730479)  
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[54] **SILICA SOL MATERIAL HAVING AT LEAST ONE THERAPEUTICALLY ACTIVE SUBSTANCE FOR PRODUCING BIOLOGICALLY DEGRADABLE AND/OR RESORBABLE SILICA GEL MATERIALS FOR HUMAN MEDICINE AND/OR MEDICAL TECHNOLOGY**  
[54] **MATERIAU A BASE DE SOL DE SILICE PRESENTANT AU MOINS UNE SUBSTANCE THERAPEUTIQUEMENT ACTIVE POUR LA PREPARATION DE MATERIAUX A BASE DE GEL DE SILICE BIODEGRADABLES ET/OU BIORESORBABLES POUR LA MEDECINE HUMAINE ET/OU LA TECHNIQUE MEDICALE**  
[72] BAECKER, IWER, DE  
[72] ROTHENBURGER GLAUBITT, MIRANDA, DE  
[72] PROBST, JOERN, DE  
[72] EGGER, HOLGER, DE  
[73] JIANGSU SYNECOUN MEDICAL TECHNOLOGY CO., LTD., CN  
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[54] **SELF-REPLICATING VECTOR LACKING AN ANTIBIOTIC-RESISTANCE GENE**  
[54] **VECTEUR AUTO REPLICATIF DEPOURVU DE GENE DE RESISTANCE A UN ANTIBIOTIQUE**  
[72] SODOYER, REGIS, FR  
[72] SPECK, DENIS, FR  
[72] PEUBEZ, ISABELLE, FR  
[72] CHAUDET, NICOLAS, FR  
[73] SANOFI PASTEUR, FR  
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[54] **BROYEUR A CYLINDRES A CONDUIT DE GAZ**  
[72] HOERNING, BENT, DK  
[73] FLSMIDTH A/S, DK  
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[25] EN  
[54] **AUTOMATIC CONTEXT SENSITIVE LANGUAGE GENERATION, CORRECTION AND ENHANCEMENT USING AN INTERNET CORPUS**  
[54] **GENERATION, CORRECTION ET AMELIORATION DE LANGUE SENSIBLE AU CONTEXTE AUTOMATIQUE A L'AIDE D'UN CORPUS INTERNET**  
[72] KAROV ZANGVIL, YAEL, IL  
[73] GINGER SOFTWARE, INC., US  
[85] 2011-01-24  
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[51] **Int.Cl. G01V 1/28 (2006.01) G01V 1/36 (2006.01)**  
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[54] **METHOD FOR SEPARATING INDEPENDENT SIMULTANEOUS SOURCES**  
[54] **PROCEDE POUR SEPARER DES SOURCES SIMULTANES INDEPENDANTES**  
[72] ABMA, RAYMOND L., US  
[73] BP CORPORATION NORTH AMERICA INC., US  
[85] 2011-01-25  
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[25] EN  
[54] **LITHIUM METAL PHOSPHATE/CARBON NANOCOMPOSITES AS CATHODE ACTIVE MATERIALS FOR RECHARGEABLE LITHIUM BATTERIES**  
[54] **NANOCOMPOSITES DE LITHIUM-METAL PHOSPHATE/CARBONE EN TANT QUE MATIERES ACTIVES DE CATHODE POUR DES BATTERIES AU LITHIUM RECHARGEABLES**  
[72] KAY, ANDREAS, CH  
[73] DOW GLOBAL TECHNOLOGIES LLC, US  
[85] 2011-02-02  
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[25] EN  
[54] **SUBSTITUTED PYRROLIDINE-2-CARBOXAMIDES**  
[54] **PYRROLIDINE-2-CARBOXAMIDES SUBSTITUES**  
[72] DING, QINGJIE, US  
[72] JIANG, NAN, US  
[72] LIU, JIN-JUN, US  
[72] ROSS, TINA MORGAN, US  
[72] ZHANG, JING, US  
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[30] US (61/097,884) 2008-09-18  
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[25] EN  
[54] **ASSEMBLING AND SHAPING LAMINATE PANEL**  
[54] **PROCEDE POUR MONTER ET FACONNER UN PANNEAU STRATIFIE**  
[72] LEVERS, ANDREW, GB  
[72] WILES, GARY, GB  
[73] AIRBUS OPERATIONS LIMITED, GB  
[85] 2011-02-14  
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[54] **BARRIERE THERMIQUE DANS DES STRUCTURES DE CONSTRUCTION**  
[72] WINGFIELD, ALLAN, US  
[73] BONAR B.V., NL  
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[25] EN  
[54] **SYSTEM AND METHOD FOR DEINVENTORY OF POLYMERIZATION REACTOR**  
[54] **SYSTEME ET PROCEDE POUR LE DEMANTELEMENT D'UN REACTEUR DE POLYMERISATION**  
[72] HOTTOVY, JOHN D., US  
[72] TAIT, JOHN H., US  
[72] BURNS, DAVID H., US  
[72] VERSER, DONALD W., US  
[72] HEIN, JAMES E., US  
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US  
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[25] EN  
[54] **A FOAM-BASED INTERFACING STRUCTURE METHOD AND APPARATUS**  
[54] **PROCEDE ET APPAREIL POUR STRUCTURE D'INTERFACE A BASE DE MOUSSE**  
[72] WELLS, ALICIA KRISTIANNE, AU  
[72] VELISS, LEE JAMES, AU  
[72] CARIOLA, MELANIE LUCIA, AU  
[72] CARROLL, FIONA CATHERINE, AU  
[72] HOWARD, SCOTT ALEXANDER, AU  
[73] RESMED LTD, AU  
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[25] EN  
[54] **ANHYDRIDE DEMULSIFIER FORMULATIONS FOR RESOLVING EMULSIONS OF WATER AND OIL**  
[54] **FORMULATIONS DE DESEMULSIFIANTS ANHYDRIDES POUR RESOUDRE DES EMULSIONS D'EAU ET D'HUILE**  
[72] WILLIAMS, DUNCAN E., CA  
[73] NALCO COMPANY, US  
[85] 2011-03-07  
[86] 2009-09-11 (PCT/US2009/056644)  
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[25] EN  
[54] **PROCESS FOR PREPARING SNUFF COMPOSITION**  
[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION DE TABAC A PRISER**  
[72] AXELSSON, ANDERS, SE  
[72] KRISTENSEN, ARNE, SE  
[73] NICONOVUM USA, INC., US  
[85] 2011-03-09  
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[54] **REIN BIOARTIFICIEL HYBRIDE**  
[72] LUTTROPP, DAVID, DE  
[72] KRAUSE, BERND, DE  
[72] NEUBAUER, MARKUS, DE  
[72] SCHNELL, ANDREA, DE  
[72] GEIGER, HELMUT, DE  
[72] BEREITER-HAHN, JUERGEN, DE  
[72] BAER, PATRICK, DE  
[72] DEPPISCH, REINHOLD (DECEASED), DE  
[73] GAMBRO LUNDIA AB, SE  
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[25] EN  
[54] **LIQUID ACTIVE INGREDIENT CONCENTRATES THAT CAN BE EMULSIFIED IN WATER**  
[54] **CONCENTRES DE SUBSTANCES ACTIVES LIQUIDES, EMULSIFIABLES DANS L'EAU**  
[72] KRAPP, MICHAEL, DE  
[72] KOLB, KLAUS, DE  
[72] SEAMAN, GRAHAM, GB  
[73] BASF SE, DE  
[85] 2011-03-11  
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[30] EP (08165282.8) 2008-09-26

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[25] EN  
[54] **USE OF ACYLCYCLOHEXANEDIONECARBOXYLIC ACID OR SALTS THEREOF IN COMBINATION WITH ACYLCYCLOHEXANEDIONECARBOXYLIC ACID ESTERS FOR GROWTH REGULATION IN GRAMINEAE**  
[54] **UTILISATION D'ACIDE ACYLCYCLOHEXANEDIONE-CARBOXYLIQUE ET DE SES SELS EN COMBINAISON AVEC DES ESTERS D'ACIDE ACYLCYCLOHEXANEDIONE-CARBOXYLIQUE EN VUE DE LA REGULATION DE LA CROISSANCE DES GRAMINES**  
[72] RADEMACHER, WILHELM, DE  
[72] STROBEL, DIETER, DE  
[73] BASF SE, DE  
[85] 2011-03-11  
[86] 2009-09-25 (PCT/EP2009/062450)  
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[25] EN  
[54] **SYSTEM FOR ELECTRICALLY CONNECTING BATTERIES TO ELECTRIC VEHICLES**  
[54] **SYSTEME POUR CONNECTER ELECTRIQUEMENT DES BATTERIES A DES VEHICULES ELECTRIQUES**  
[72] AGASSI, SHAI, US  
[72] HEICHAL, YOAV, IL  
[72] AGASSI, TAL, IL  
[73] RENAULT S.A.S., FR  
[85] 2011-03-17  
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[30] US (61/098,724) 2008-09-19  
[30] US (61/149,690) 2009-02-03  
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[13] C  
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[25] EN  
[54] **PESTICIDAL COMPOSITION COMPRISING AN ALPHA-ALKOXYPHENYL ACETIC ACID DERIVATIVE AND A NEONICOTINOID COMPOUND**  
[54] **COMPOSITION PESTICIDE COMPRENANT UN DERIVE DE L'ACIDE ALPHA-ALKOXYPHENYLE ACETIQUE ET UN COMPOSE NEONICOTINOIDE**  
[72] TAKAISHI, MASANAO, JP  
[72] IWATA, ATSUSHI, JP  
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP  
[85] 2011-03-18  
[86] 2009-09-17 (PCT/JP2009/066835)  
[87] (WO2010/032871)  
[30] JP (2008-241609) 2008-09-19  
[30] JP (2008-299986) 2008-11-25

[11] **2,737,938**  
[13] C  
[51] **Int.Cl. A61N 5/10 (2006.01)**  
[25] EN  
[54] **DIRECT VISUALIZATION ROBOTIC INTRA-OPERATIVE RADIATION THERAPY APPLICATOR DEVICE**  
[54] **DISPOSITIF APPLICATEUR DE RADIOTHERAPIE PEROPERATOIRE ROBOTIQUE A VISUALISATION DIRECTE**  
[72] ROBERTS, WALTER A., US  
[72] SCHUMM, BROOKE, III, US  
[73] ROBERTS, WALTER A., US  
[73] SCHUMM, BROOKE, III, US  
[85] 2011-03-21  
[86] 2008-09-19 (PCT/US2008/077100)  
[87] (WO2009/039428)  
[30] US (60/973,545) 2007-09-19  
[30] US (61/098,225) 2008-09-18

[11] **2,738,413**  
[13] C  
[51] **Int.Cl. A01N 25/30 (2006.01) A01N 41/10 (2006.01) A01N 43/56 (2006.01) A01N 43/80 (2006.01) A01N 47/30 (2006.01) A01N 61/00 (2006.01)**  
[25] EN  
[54] **HERBICIDAL COMPOSITIONS COMPRISING HPPD-INHIBITORS AND METHODS OF CONTROLLING WEEDS IN TURFGRASSES**  
[54] **COMPOSITIONS HERBICIDES COMPRENANT DES INHIBITEURS HPPD ET PROCEDE DE REGULATION DE PLANTES NUISIBLES DANS DE LA PELOUSE**  
[72] JAMES, JOHN ROBERT, US  
[72] RAWLS, ERIC, US  
[73] SYNGENTA PARTICIPATIONS AG, CH  
[85] 2011-03-24  
[86] 2009-10-05 (PCT/EP2009/007098)  
[87] (WO2010/040485)  
[30] US (61/102,936) 2008-10-06

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[25] EN

[54] **HETEROCYCLIC KINASE INHIBITORS**

[54] **INHIBITEURS HETEROCYCLIQUES DE KINASES**

[72] REN, PINGDA, US

[72] LIU, YI, US

[72] LI, LIANSHENG, US

[72] CHAN, KATRINA, US

[72] WILSON, TROY EDWARD, US

[73] INTELLIKINE LLC, US

[85] 2011-03-24

[86] 2009-09-28 (PCT/US2009/005380)

[87] (WO2010/036380)

[30] US (61/194,310) 2008-09-26

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[11] **2,738,610**  
[13] C

[51] **Int.Cl. G09B 9/00 (2006.01) G06T 17/00 (2006.01)**

[25] EN

[54] **SIMULATION OF MEDICAL IMAGING**

[54] **SIMULATION D'IMAGERIE MEDICALE**

[72] AMYOT, ROBERT, CA

[72] NADEAU, SEBASTIEN, CA

[72] PILETTE, STEPHANE, CA

[72] ROUSSEAU, JEAN-MARC, CA

[72] BEAULIEU, YANICK, CA

[73] CAE HEALTHCARE CANADA INC., CA

[85] 2011-03-25

[86] 2009-09-24 (PCT/CA2009/001351)

[87] (WO2010/034117)

[30] US (61/100,083) 2008-09-25

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[13] C

[51] **Int.Cl. C07D 405/14 (2006.01) C07D 209/12 (2006.01) C07D 209/14 (2006.01) C07D 241/08 (2006.01) C07D 317/50 (2006.01)**

[25] EN

[54] **COMPOUNDS DERIVED FROM 2-(3-METHYLENEDIOXY)-BENZOYL INDOL**

[54] **COMPOSES DERIVES DU 2-(3-METHYLENEDIOXY)-BENZOYL-INDOLE**

[72] SACURAI, SERGIO LUIZ, BR

[72] TOUZARIM, CARLOS EDUARDO DA COSTA, BR

[72] ZAIM, MARCIO HENRIQUE, BR

[73] BIOLAB SANUS FARMACEUTICA LTDA., BR

[85] 2011-03-28

[86] 2009-09-30 (PCT/BR2009/000300)

[87] (WO2010/037190)

[30] BR (PI0804119-9) 2008-09-30

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[51] **Int.Cl. G06F 3/041 (2006.01) H04W 88/02 (2009.01) G06F 3/14 (2006.01) G06F 15/02 (2006.01)**

[25] EN

[54] **PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME**

[54] **APPAREIL ELECTRONIQUE PORTABLE ET PROCEDE DE COMMANDE DE CELUI-CI**

[72] KWOK, JORDANNA, CA

[72] YANG, QIAN AMANDA, CA

[72] LANGLOIS, MICHAEL GEORGE, CA

[72] CANTON, RAYMOND L., CA

[72] ZINN, RONALD SCOTTE, CA

[73] BLACKBERRY LIMITED, CA

[85] 2011-03-28

[86] 2009-10-07 (PCT/CA2009/001421)

[87] (WO2010/040216)

[30] EP (08166049.0) 2008-10-07

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[11] **2,738,905**  
[13] C

[51] **Int.Cl. C10M 129/06 (2006.01) F02B 3/06 (2006.01)**

[25] EN

[54] **LUBRICATING OIL COMPOSITION COMPRISING TITANIUM ALKOXIDE**

[54] **COMPOSITION D'HUILE LUBRIFIANTE RENFERMANT UN ALKOXYDE DE TITANE**

[72] YAMAGUCHI, ELAINE S., US

[72] NG, KAM-SIK, US

[73] CHEVRON ORONITE COMPANY LLC, US

[85] 2011-03-29

[86] 2009-09-25 (PCT/US2009/058354)

[87] (WO2010/039602)

[30] US (12/286,377) 2008-09-30

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[11] **2,740,379**  
[13] C

[51] **Int.Cl. G01N 17/02 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR ESTIMATING THE CONDITION OF A COATING ON AN UNDERGROUND PIPELINE**

[54] **PROCEDE ET DISPOSITIF POUR ESTIMER L'ETAT D'UN REVETEMENT FORME SUR UN PIPELINE**

[72] MILLER, SCOTT DOWNING, US

[72] DAVIS, THOMAS JAMES, US

[72] PEREZ, JAIME PAUNLAGUI, SA

[73] SAUDI ARABIAN OIL COMPANY, SA

[85] 2011-04-13

[86] 2009-10-30 (PCT/US2009/005936)

[87] (WO2010/053530)

[30] US (12/291,530) 2008-11-10

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[11] **2,740,536**  
[13] C

[51] **Int.Cl. B42D 25/328 (2014.01) B42D 25/36 (2014.01) B42D 25/40 (2014.01)**

[25] EN

[54] **VOLUME HOLOGRAM COMPRISING EXPANSION AGENT LAYER OR CONTRACTION AGENT LAYER FOR CREATING COLOR PATTERNS**

[54] **HOLOGRAMME DE VOLUME DOTE D'UNE COUCHE D'AGENT D'EXPANSION OU D'UNE COUCHE D'AGENT DE CONTRACTION POUR PRODUIRE DES MOTIFS COLORES**

[72] HANSEN, ACHIM, CH  
[72] TOMPKIN, WAYNE ROBERT, CH  
[72] BURKHARDT, MARKUS, DE  
[72] SCHARFENBERG, MICHAEL, DE  
[73] OVD KINEGRAM AG, CH  
[85] 2011-04-13  
[86] 2009-10-16 (PCT/EP2009/007429)  
[87] (WO2010/043403)  
[30] DE (10 2008 052 067.5) 2008-10-17

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[11] **2,740,545**  
[13] C

[51] **Int.Cl. D01F 2/00 (2006.01) D01D 5/00 (2006.01)**

[25] EN

[54] **PROCESS FOR THE MANUFACTURE OF CELLULOSE-BASED FIBRES AND THE FIBRES THUS OBTAINED**

[54] **PROCESSUS DE FABRICATION DE FIBRES A BASE DE CELLULOSE ET FIBRES AINSI OBTENUES**

[72] TURNER, PHILIP, GB  
[72] HERNANDEZ, ZURINE, GB  
[72] HILL, CALLUM, GB  
[73] SAPPI NETHERLANDS SERVICES BV, NL  
[85] 2011-04-13  
[86] 2009-10-09 (PCT/GB2009/051356)  
[87] (WO2010/043889)  
[30] GB (0818763.5) 2008-10-14  
[30] GB (0903378.8) 2009-02-27

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[11] **2,740,565**  
[13] C

[51] **Int.Cl. B01J 23/58 (2006.01) B01D 53/94 (2006.01) B01J 35/04 (2006.01) B01J 35/10 (2006.01) B01J 37/02 (2006.01) B01J 37/08 (2006.01) F01N 3/10 (2006.01)**

[25] EN

[54] **CATALYST FOR PURIFICATION OF EXHAUST GAS AND METHOD FOR PURIFICATION USING THE SAME**

[54] **CATALYSEUR DE PURIFICATION DES GAZ D'ECHAPPEMENT ET METHODE DE PURIFICATION L'UTILISANT**

[72] ONO, MARIKO, JP  
[72] OKUMURA, AKIHISA, JP  
[73] UMICORE SHOKUBAI USA INC., US  
[73] UMICORE SHOKUBAI JAPAN CO., LTD., JP  
[85] 2011-04-13  
[86] 2009-10-16 (PCT/JP2009/067888)  
[87] (WO2010/044453)  
[30] JP (2008-268757) 2008-10-17

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[13] C

[51] **Int.Cl. C08F 210/16 (2006.01) B29C 49/00 (2006.01) B29D 7/01 (2006.01) B32B 27/32 (2006.01) C08F 210/02 (2006.01) C08F 210/04 (2006.01) C08F 210/14 (2006.01) C08J 5/18 (2006.01) C08L 23/08 (2006.01) F16L 11/04 (2006.01)**

[25] EN

[54] **ETHYLENE COPOLYMER WITH IMPROVED IMPACT RESISTANCE**

[54] **COPOLYMER D'ETHYLENE PRESENTANT UNE RESISTANCE AU CHOC ACCRUE**

[72] KWON, SEUNGBUM, KR  
[72] HAM, HYEONGTAEK, KR  
[72] SHIM, CHOONSIK, KR  
[72] CHAE, SUNGSEOK, KR  
[72] OK, MYUNGHAHN, KR  
[72] SHIN, DAEHO, KR  
[73] SABIC SK NEXLENE COMPANY PTE. LTD., SG  
[85] 2011-04-18  
[86] 2009-10-20 (PCT/KR2009/006037)  
[87] (WO2010/062036)  
[30] KR (10-2008-0108457) 2008-11-03  
[30] KR (10-2009-0081845) 2009-09-01

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[11] **2,742,076**  
[13] C

[51] **Int.Cl. C09J 183/04 (2006.01) B32B 27/28 (2006.01) C08J 3/28 (2006.01) C08L 83/04 (2006.01)**

[25] EN

[54] **GENTLE TO SKIN ADHESIVE**

[54] **ADHESIFS DOUX POUR LA PEAU**

[72] DETERMAN, MICHAEL D., US  
[72] FUNG, SIMON S., US  
[72] FILIATRAULT, TIMOTHY D., US  
[72] LIU, JUNKANG J., US  
[72] GEORGE, CLAYTON A., US  
[73] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2011-04-28  
[86] 2009-10-29 (PCT/US2009/062603)  
[87] (WO2010/056544)  
[30] US (61/109,211) 2008-10-29  
[30] US (61/109,213) 2008-10-29

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[11] **2,742,768**  
[13] C

[51] **Int.Cl. G01R 31/327 (2006.01) H02H 3/04 (2006.01)**

[25] EN

[54] **COMMUNICATION INTERFACE APPARATUS FOR AN ELECTRICAL DISTRIBUTION PANEL, AND SYSTEM AND ELECTRICAL DISTRIBUTION PANEL INCLUDING THE SAME**

[54] **DISPOSITIF D'INTERFACE DE COMMUNICATION POUR PANNEAU DE DISTRIBUTION ELECTRIQUE, ET SYSTEME ET PANNEAU DE DISTRIBUTION ELECTRIQUE COMPRENANT CE DISPOSITIF**

[72] HETZMANNSEDER, ENGELBERT, US  
[72] MURPHY, WILLIAM J., US  
[72] ELMS, ROBERT T., US  
[73] EATON CORPORATION, US  
[85] 2011-05-04  
[86] 2009-11-03 (PCT/IB2009/007293)  
[87] (WO2010/052540)  
[30] US (12/265,083) 2008-11-05

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[13] C

[51] **Int.Cl. C07H 13/04 (2006.01) A01N 43/90 (2006.01) C07D 493/04 (2006.01) C07H 9/04 (2006.01) C07H 11/00 (2006.01)**

[25] EN

[54] **METHOD OF PREPARING DEOXYRIBOFURANOSE COMPOUNDS**

[54] **METHODE DE SYNTHESE DE DESOXYRIBOFURANNOSSES**

[72] HALEY, GREGORY J., US

[73] ANADYS PHARMACEUTICALS, INC., US

[85] 2011-05-13

[86] 2009-11-16 (PCT/US2009/064605)

[87] (WO2010/057103)

[30] US (61/115,134) 2008-11-17

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[13] C

[51] **Int.Cl. F01D 5/02 (2006.01) F01D 5/30 (2006.01) F01D 5/32 (2006.01)**

[25] EN

[54] **LIGHTENED AXIAL COMPRESSOR ROTOR**

[54] **ROTOR DE COMPRESSEUR AXIAL ALLEGE**

[72] WERY, XAVIER, BE

[73] TECHSPACE AERO S.A., BE

[86] (2743817)

[87] (2743817)

[22] 2011-06-21

[30] EP (10166959.6) 2010-06-23

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[11] **2,744,280**  
[13] C

[51] **Int.Cl. C01B 3/12 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR PRODUCING A RAW SYNTHESIS GAS**

[54] **PROCEDE ET DISPOSITIF DE PRODUCTION D'UN GAZ BRUT DE SYNTHESE**

[72] MILLNER, ROBERT, AT

[73] PRIMETALS TECHNOLOGIES AUSTRIA GMBH, AT

[85] 2011-05-19

[86] 2009-11-03 (PCT/EP2009/064494)

[87] (WO2010/057767)

[30] AT (A1822/2008) 2008-11-21

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[11] **2,744,701**  
[13] C

[51] **Int.Cl. H01R 24/00 (2011.01)**

[25] EN

[54] **TELECOMMUNICATIONS JACK WITH ADJUSTABLE CROSSTALK COMPENSATION**

[54] **JACK DE TELECOMMUNICATION AVEC COMPENSATION DE DIAPHONIE AJUSTABLE**

[72] HAMMOND, BERNARD HAROLD, JR., US

[72] MURRAY, DAVID PATRICK, GB

[72] WHITE, GORDON JOHN, GB

[72] GEORGE, IAN ROBERT, GB

[73] ADC GMBH, DE

[85] 2011-05-25

[86] 2009-11-25 (PCT/US2009/065828)

[87] (WO2010/068472)

[30] US (61/117,869) 2008-11-25

[30] US (12/625,224) 2009-11-24

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[11] **2,744,892**  
[13] C

[51] **Int.Cl. C08B 37/08 (2006.01) A61K 47/36 (2006.01) C08J 3/075 (2006.01)**

[25] EN

[54] **METHOD TO PRODUCE HYALURONIC ACID FUNCTIONALIZED DERIVATIVES AND FORMATION OF HYDROGELS THEREOF**

[54] **PROCEDE DE PRODUCTION DE DERIVES FONCTIONNALISES D'ACIDE HYALURONIQUE ET FORMATION D'HYDROGELS A PARTIR DE CEUX-CI**

[72] GIAMMONA, GAETANO, IT

[72] PALUMBO, FABIO, IT

[72] PITARRESI, GIOVANNA, IT

[73] UNIVERSITA' DEGLI STUDI DI PALERMO, IT

[85] 2011-05-26

[86] 2009-11-30 (PCT/EP2009/066060)

[87] (WO2010/061005)

[30] IT (RM2008A000636) 2008-11-28

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[11] **2,744,904**  
[13] C

[51] **Int.Cl. A61M 5/168 (2006.01) A61B 5/107 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR THE DETERMINATION OF RESIDUAL VOLUME IN PATIENTS HAVING AN ENTERAL FEEDING TUBE**

[54] **PROCEDE ET SYSTEME POUR DETERMINER LE VOLUME RESIDUEL DE L'ESTOMAC D'UN PATIENT AU MOYEN D'UNE SONDE GASTRIQUE ENTERALE**

[72] HOLTE, BO, DK

[73] HOLTECH MEDICAL, DK

[85] 2011-05-26

[86] 2009-11-04 (PCT/IB2009/007331)

[87] (WO2010/064097)

[30] US (61/119,583) 2008-12-03

[30] US (12/329,258) 2008-12-05

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[11] **2,745,072**  
[13] C

[51] **Int.Cl. H03L 5/02 (2006.01) H04B 1/04 (2006.01)**

[25] EN

[54] **SELECTIVE PEAK POWER REDUCTION**

[54] **REDUCTION SELECTIVE DE PUISSANCE DE CRETE**

[72] FULLER, ARTHUR THOMAS GERALD, CA

[72] MORRIS, BRADLEY JOHN, CA

[73] BLACKBERRY LIMITED, CA

[85] 2011-05-30

[86] 2009-12-02 (PCT/IB2009/007649)

[87] (WO2010/070406)

[30] US (12/337,444) 2008-12-17

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[13] C

[51] **Int.Cl. C01G 25/02 (2006.01) C01G 25/00 (2006.01) C08K 3/22 (2006.01) C08L 101/00 (2006.01)**

[25] EN

[54] **DISPERSION OF ZIRCONIUM OXIDE, PROCESS FOR PRODUCING THE SAME, AND RESIN COMPOSITION CONTAINING THE SAME**

[54] **DISPERSION D'OXYDE DE ZIRCONIUM, PROCEDE DE PRODUCTION CORRESPONDANT, ET COMPOSITIONS DE RESINES CONTENANT CETTE DISPERSION**

[72] NAKAGAWA, KENICHI, JP  
[72] MORITA, TAKANORI, JP  
[73] SAKAI CHEMICAL INDUSTRY CO., LTD., JP

[85] 2011-06-01  
[86] 2009-11-26 (PCT/JP2009/070281)  
[87] (WO2010/064664)  
[30] JP (2008-309940) 2008-12-04

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[11] **2,746,191**  
[13] C

[51] **Int.Cl. G01B 11/25 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR THE THREE-DIMENSIONAL OPTICAL MEASUREMENT OF STRONGLY REFLECTIVE OR TRANSPARENT OBJECTS**

[54] **DISPOSITIF ET PROCEDE DE MESURE OPTIQUE TRIDIMENSIONNELLE D'OBJETS FORTEMENT REFLECHISSANTS OU TRANSPARENTS**

[72] NABS, DAVID, DE  
[72] GENSECKE, KAI, DE  
[73] AIMESS SERVICES GMBH, DE

[85] 2011-06-08  
[86] 2009-05-07 (PCT/EP2009/003275)  
[87] (WO2010/069409)  
[30] DE (10 2008 064 104.9) 2008-12-19

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[11] **2,746,587**  
[13] C

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

[25] EN

[54] **SYSTEM AND METHOD FOR PERFORMING ACCESS CONTROL**

[54] **SYSTEME ET PROCEDE POUR EFFECTUER UN CONTROLE D'ACCES**

[72] VLASOV, IULIAN, CA  
[72] MISRI, PUNIPRIYA, CA  
[72] DOONGOOR, DEV, CA  
[72] JOHN CHUAN, MEE TCHIN JANE, CA

[73] BLACKBERRY LIMITED, CA

[86] (2746587)  
[87] (2746587)  
[22] 2011-07-15  
[30] US (61/364,914) 2010-07-16

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[11] **2,746,743**  
[13] C

[51] **Int.Cl. G06K 9/00 (2006.01) G06K 9/34 (2006.01) G06K 9/48 (2006.01)**

[25] EN

[54] **MULTI-NUCLEATED CELL CLASSIFICATION AND MICRONUCLEI SCORING**

[54] **CLASSEMENT DE CELLULES A PLUSIEURS NOYAUX ET COTATION DE MICRONOYAUX**

[72] HONG, DIHUI, US  
[72] COHEN, AVRUM I., US  
[73] MOLECULAR DEVICES, LLC, US

[85] 2011-06-13  
[86] 2009-12-10 (PCT/US2009/067560)  
[87] (WO2010/068799)  
[30] US (12/316,497) 2008-12-12

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[11] **2,746,854**  
[13] C

[51] **Int.Cl. C11D 1/83 (2006.01) C11D 1/08 (2006.01) C11D 1/72 (2006.01) C11D 3/16 (2006.01) C11D 17/00 (2006.01)**

[25] EN

[54] **HIGHLY VISCOUS DETERGENT EMULSION**

[54] **EMULSION EXTREMEMENT VISQUEUSE DE DETERGENT**

[72] NAGEL, CHRIS, DE  
[72] DURRSCHMIDT, THOMAS, DE  
[72] MERZ, THOMAS, DE  
[73] ECOLAB INC., US

[85] 2011-06-13  
[86] 2008-12-29 (PCT/IB2008/055571)  
[87] (WO2010/076595)

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[11] **2,746,956**  
[13] C

[51] **Int.Cl. B62D 55/12 (2006.01) B62D 55/08 (2006.01) B62D 55/253 (2006.01)**

[25] EN

[54] **SPROCKETED DRIVE ASSEMBLY FOR TRACK-TYPE MACHINE**

[54] **ENSEMBLE D'ENTRAINEMENT A BARBOTIN POUR MACHINE DU TYPE A CHENILLES**

[72] ZHENG, JIANPING, US  
[72] ANGOT, DANIEL M., US  
[72] SCHAEFER, DAVID F., US  
[72] KUPPANNAN, SELVARAJ, IN  
[73] CATERPILLAR INC., US

[85] 2011-06-14  
[86] 2009-12-14 (PCT/US2009/067940)  
[87] (WO2010/080373)  
[30] US (12/316,932) 2008-12-18

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[11] **2,748,531**  
[13] C

[51] **Int.Cl. C11D 3/60 (2006.01) C11D 3/37 (2006.01)**

[25] EN

[54] **HIGH ALKALINE DETERGENT COMPOSITION WITH ENHANCED SCALE CONTROL**

[54] **COMPOSITION DETERGENTE HAUTEMENT ALCALINE A EFFET ANTITARTRE AMELIORE**

[72] SILVERNAIL, CARTER, US  
[72] OLSON, ERIK C., US  
[73] ECOLAB INC., US

[85] 2011-06-28  
[86] 2010-01-28 (PCT/IB2010/050398)  
[87] (WO2010/086821)  
[30] US (61/148,848) 2009-01-30  
[30] US (12/692,352) 2010-01-22

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[13] C

[51] **Int.Cl. H04W 72/00 (2009.01) H04W 74/00 (2009.01)**

[25] EN

[54] **FREQUENCY HOPPING IN A WIRELESS COMMUNICATION NETWORK**

[54] **SAUT DE FREQUENCE DANS UN RESEAU DE COMMUNICATION SANS FIL**

[72] CHEN, WANSHI, US  
[72] GAAL, PETER, US  
[72] MONTOJO, JUAN, US  
[72] KITAZOE, MASATO, US  
[72] HO, SAIYU, DUNCAN, US  
[72] TENNY, NATHAN E., US  
[73] QUALCOMM INCORPORATED, US  
[85] 2011-07-08  
[86] 2009-12-02 (PCT/US2009/066403)  
[87] (WO2010/087896)  
[30] US (61/147,984) 2009-01-28  
[30] US (61/148,810) 2009-01-30  
[30] US (61/149,290) 2009-02-02  
[30] US (61/149,945) 2009-02-04  
[30] US (12/621,945) 2009-11-19

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[13] C

[51] **Int.Cl. A61B 5/00 (2006.01) A61M 5/142 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **MEDICAL SYSTEM AND METHOD FOR PROVIDING INFORMATION FOR GLYCEMIC CONTROL**

[54] **PROCEDE ET SYSTEME MEDICAL PERMETTANT DE FOURNIR DES INFORMATIONS UTILISABLES A DES FINS DE REGULATION DE LA GLYCEMIE**

[72] TUBB, ANDREW, FR  
[73] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE  
[85] 2011-07-15  
[86] 2010-02-03 (PCT/EP2010/051268)  
[87] (WO2010/089307)  
[30] EP (09001561.1) 2009-02-04

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[51] **Int.Cl. A61K 9/22 (2006.01) A61K 31/485 (2006.01)**

[25] EN

[54] **OPIOID-CONTAINING ORAL PHARMACEUTICAL COMPOSITIONS AND METHODS**

[54] **COMPOSITIONS PHARMACEUTIQUES ORALES CONTENANT UN OPIOIDE ET PROCEDES**

[72] EVENSTAD, KENNETH L., US  
[72] WERTZ, CHRISTIAN F., US  
[72] JENSEN, JAMES S., US  
[72] O'NEILL, VICTORIA ANN, US  
[72] BERGE, STEPHEN M., US  
[73] UPSHER-SMITH LABORATORIES, INC., US  
[85] 2011-06-28  
[86] 2009-12-31 (PCT/US2009/069902)  
[87] (WO2010/078486)  
[30] US (61/141,765) 2008-12-31

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[11] **2,750,317**  
[13] C

[51] **Int.Cl. A61B 5/00 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **MEDICAL DEVICE AND METHOD FOR GLYCEMIC CONTROL**

[54] **DISPOSITIF MEDICAL ET PROCEDE DE REGULATION DE LA GLYCEMIE**

[72] TUBB, ANDREW, FR  
[73] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE  
[85] 2011-07-20  
[86] 2010-02-03 (PCT/EP2010/051266)  
[87] (WO2010/089305)  
[30] EP (09001564.5) 2009-02-04

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[11] **2,750,563**  
[13] C

[51] **Int.Cl. A61F 2/28 (2006.01) A61F 2/00 (2006.01) A61F 2/30 (2006.01)**

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[54] **A COMPOSITE AND ITS USE**

[54] **COMPOSITE ET SON UTILISATION**

[72] VALLITTU, PEKKA, FI  
[72] AITASALO, KALLE, FI  
[72] PELTOLA, MATTI, FI  
[72] LASSILA, LIPPO, FI  
[72] TUUSA, SARI, FI  
[73] SKULLE IMPLANTS OY, FI  
[85] 2011-07-21  
[86] 2010-01-29 (PCT/FI2010/050052)  
[87] (WO2010/086508)  
[30] FI (20095084) 2009-01-30

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[51] **Int.Cl. C12Q 1/68 (2006.01) B01J 19/00 (2006.01) B01L 3/00 (2006.01) G01N 33/551 (2006.01) G01N 33/543 (2006.01)**

[25] EN

[54] **FUNCTIONALIZED MICROFLUIDIC DEVICE FOR IMMUNOFLUORESCENCE**

[54] **DISPOSITIF MICROFLUIDIQUE FONCTIONNALISE POUR IMMUNOFLUORESCENCE**

[72] CARBONE, ROBERTA, IT  
[72] BARBORINI, EMANUELE, IT  
[72] BANDIERA, DARIO, IT  
[73] TETHIS S.P.A., IT  
[85] 2011-07-25  
[86] 2010-01-26 (PCT/EP2010/050820)  
[87] (WO2010/084196)  
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[51] **Int.Cl. A01N 25/34 (2006.01) A01N 53/00 (2006.01) A01N 57/16 (2006.01) A01P 7/04 (2006.01)**

[25] EN

[54] **PESTICIDAL CONTROL DEVICE WITH HIGH LOAD OF ACTIVE INGREDIENT**

[54] **DISPOSITIF DE COMMANDE DE PESTICIDE AVEC CHARGE ELEVEE D'INGREDIENT ACTIF**

[72] PENNINGTON, ROBERT G., US

[72] ROSE, JOHN, US

[72] RUETER, JOCHEM, US

[73] BAYER INTELLECTUAL PROPERTY GMBH, DE

[85] 2011-07-26

[86] 2010-01-19 (PCT/EP2010/000264)

[87] (WO2010/086102)

[30] US (61/148,233) 2009-01-29

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[13] C

[51] **Int.Cl. E21B 47/013 (2012.01) E21B 47/26 (2012.01) E21B 17/00 (2006.01) E21B 47/01 (2012.01) E21B 47/12 (2012.01) E21B 19/16 (2006.01)**

[25] EN

[54] **A METHOD FOR HANDLING A COMPONENT IN THE CONSTRUCTION, MAINTENANCE AND REPAIR OF WELLS**

[54] **PROCEDE DE MANIPULATION D'UN COMPOSANT LORS DE LA CONSTRUCTION, DE L'ENTRETIEN ET DE LA REPARATION DE PUIITS**

[72] KOEDERITZ, WILLIAM LEO, US

[72] PORCHE, MICHAEL NATHAN, US

[72] WATSON, GRAHAM RICHARD, GB

[72] COOKE, AARON CHRISTIAN, US

[72] ELLISON, LEON DOYLE, US

[72] KAMMANN, REINHOLD, DE

[72] WORMS, MANFRED HERMANN, DE

[72] LAM, CLIVE CHEMO, US

[72] MCCLUNG, GUY LAMONTE, III, US

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

[85] 2011-07-28

[86] 2010-02-01 (PCT/GB2010/050151)

[87] (WO2010/086671)

[30] US (12/322,349) 2009-01-31

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[13] C

[51] **Int.Cl. G01V 1/18 (2006.01) G01V 1/20 (2006.01) G01V 1/32 (2006.01)**

[25] EN

[54] **SEISMIC ACQUISITION SYSTEM AND TECHNIQUE**

[54] **SYSTEME ET TECHNIQUE D'ENREGISTREMENT SISMIQUE**

[72] MUIJZERT, EVERHARD JOHAN, GB

[73] SCHLUMBERGER CANADA LIMITED, CA

[85] 2011-08-04

[86] 2010-01-29 (PCT/US2010/022477)

[87] (WO2010/090949)

[30] US (12/366,449) 2009-02-05

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[13] C

[51] **Int.Cl. E21B 17/042 (2006.01) E21B 17/08 (2006.01)**

[25] EN

[54] **EXPANDABLE TUBULAR CONNECTION**

[54] **RACCORD TUBULAIRE EXTENSIBLE**

[72] ADAM, MARK K., US

[72] GOMEZ, LEOPOLODO S., US

[72] O'BRIEN, ROBERT S., US

[72] BAUGH, JOHN L., US

[72] CURLEY, ERIC J., US

[73] BAKER HUGHES INCORPORATED, US

[86] (2752209)

[87] (2752209)

[22] 2005-04-19

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[13] C

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[25] EN

[54] **ILLUMINATED DENTAL RETRACTOR**

[54] **ECARTEUR DENTAIRE ECLAIRE**

[72] LAWRENCE, KENNETH H., US

[73] LAWRENCE, KENNETH H., US

[85] 2011-08-12

[86] 2010-02-12 (PCT/US2010/024033)

[87] (WO2010/093877)

[30] US (61/151,948) 2009-02-12

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[13] C

[51] **Int.Cl. A01B 71/02 (2006.01)**

[25] EN

[54] **AUTOMATIC DEPTH CONTROL SYSTEM FOR AN AGRICULTURAL IMPLEMENT**

[54] **SYSTEME DE COMMANDE AUTOMATIQUE DE LA PROFONDEUR POUR UN INSTRUMENT ARATOIRE**

[72] HENRY, JIM, CA

[73] CNH INDUSTRIAL CANADA, LTD., CA

[86] (2753800)

[87] (2753800)

[22] 2011-09-29

[30] US (13/041,563) 2011-03-07

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[13] C

[51] **Int.Cl. G02B 13/14 (2006.01) G02B 13/18 (2006.01) G02B 27/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR ACCURATE IMAGING WITH AN EXTENDED DEPTH OF FIELD**

[54] **PROCEDE ET APPAREIL POUR UNE IMAGERIE PRECISE PRESENTANT UNE PROFONDEUR DE CHAMP ETENDUE**

[72] SZAPIEL, STANISLAW, CA

[72] GREENHALGH, CATHERINE A., CA

[72] DENIS, DONALD J., CA

[73] RAYTHEON CANADA LIMITED, CA

[85] 2011-09-01

[86] 2010-03-05 (PCT/US2010/026389)

[87] (WO2010/102227)

[30] US (12/398,600) 2009-03-05

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[13] C

[51] **Int.Cl. D04H 1/492 (2012.01)**

[25] EN

[54] **MULTIPLE LAYER ABSORBENT SUBSTRATE AND METHOD OF FORMATION**

[54] **SUBSTRAT ABSORBANT MULTICOUCHES ET SON PROCEDE DE FABRICATION**

[72] OUELLETTE, WILLIAM, US

[73] THE CLOROX COMPANY, US

[85] 2011-09-02

[86] 2010-02-26 (PCT/US2010/025656)

[87] (WO2010/101785)

[30] US (12/397,146) 2009-03-03

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[25] EN  
[54] **HIGH VOLTAGE POWER LINE COMMUNICATION SYSTEM USING AN ENERGY HARVESTING POWER SUPPLY**  
[54] **SYSTEME DE TELECOMMUNICATION DE LIGNE ELECTRIQUE HAUTE TENSION UTILISANT UN BLOC D'ALIMENTATION DE COLLECTE D'ENERGIE**  
[72] SCHAFFER, BRADLEY JOHN, US  
[72] ROSTRON, JOSEPH RICHARD, US  
[72] ORTKIESE, RUSSELL KEITH, US  
[72] ANAND, RAJ, US  
[73] SSI POWER, LLC, US  
[85] 2011-09-14  
[86] 2010-04-08 (PCT/US2010/030322)  
[87] (WO2010/126688)  
[30] US (61/173,707) 2009-04-29

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[13] C

[51] **Int.Cl. B62B 1/14 (2006.01)**  
[25] EN  
[54] **HAND TRUCK**  
[54] **CHARIOT DE MANUTENTION**  
[72] LAUVDAL, OLAV, NO  
[73] LAUVDAL, OLAV, NO  
[85] 2011-10-17  
[86] 2010-04-16 (PCT/NO2010/000142)  
[87] (WO2010/120190)  
[30] NO (20091543) 2009-04-17  
[30] NO (20100212) 2010-02-11

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[13] C

[51] **Int.Cl. H04L 12/16 (2006.01) H04W 88/18 (2009.01) G06F 9/445 (2006.01) H04L 29/02 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR MOBILITY SERVER ADMINISTRATION**  
[54] **SYSTEMES ET PROCEDES D'ADMINISTRATION D'UN SERVEUR DE MOBILITE**  
[72] HON, LENNY KWOK-MING, CA  
[72] SCHNEIDER, KENNETH CYRIL, CA  
[72] WANG, QIUSHENG, CA  
[73] BLACKBERRY LIMITED, CA  
[85] 2011-11-01  
[86] 2010-04-30 (PCT/CA2010/000644)  
[87] (WO2010/127433)  
[30] US (61/175,024) 2009-05-03

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[13] C

[51] **Int.Cl. H01S 3/10 (2006.01) H03K 5/01 (2006.01)**  
[25] EN  
[54] **PULSE SHAPING MODULE AND GENERATOR FOR USE WITH A PULSED LASER OSCILLATOR**  
[54] **MODULE DE MISE EN FORME D'IMPULSIONS ET GENERATEUR D'IMPULSIONS CONCUS POUR OSCILLATEUR LASER A IMPULSIONS**  
[72] JACOB, MICHEL, CA  
[72] DELADURANTAYE, PASCAL, CA  
[72] TAILLON, YVES, CA  
[73] INSTITUT NATIONAL D'OPTIQUE, CA  
[86] (2761092)  
[87] (2761092)  
[22] 2011-12-07  
[30] US (61/420,794) 2010-12-08

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[13] C

[51] **Int.Cl. B60D 1/24 (2006.01) A01B 59/04 (2006.01) A01B 63/118 (2006.01) E01H 5/04 (2006.01) E02F 3/80 (2006.01)**  
[25] EN  
[54] **QUICK-CONNECT PLOW HITCH DISPOSITIF D'ATTACHE DE CHARRUE A RACCORDEMENT RAPIDE**  
[72] OSGOOD, KEVIN R., US  
[73] RALPH L. OSGOOD, INC., US  
[86] (2761306)  
[87] (2761306)  
[22] 2011-12-08  
[30] US (61/484,813) 2011-05-05  
[30] US (13/273,486) 2011-10-14

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[13] C

[51] **Int.Cl. E21B 43/08 (2006.01) B23P 15/00 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR STRAIN RELIEF IN THERMAL LINERS FOR FLUID TRANSFER**  
[54] **PROCEDE ET APPAREIL DE RELAXATION DE CONTRAINTES DANS DES COLONNES PERDUES THERMIQUES POUR TRANSFERT DE FLUIDES**  
[72] HAGEN, DAVID L., US  
[73] VAST POWER PORTFOLIO, LLC, US  
[85] 2011-11-10  
[86] 2010-05-17 (PCT/US2010/035161)  
[87] (WO2010/132894)  
[30] US (61/216,260) 2009-05-15

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[13] C

[51] **Int.Cl. G05B 19/418 (2006.01) H04W 4/12 (2009.01)**  
[25] EN  
[54] **IMPROVED DETECTION AND LOCATION OF WIRELESS FIELD DEVICES**  
[54] **DETECTION ET LOCALISATION AMELIOREES DE DISPOSITIFS SUR SITE SANS FIL**  
[72] TOEPKE, TODD M., US  
[72] DEWEY, ALAN R., US  
[72] ROTVOLD, ERIC D., US  
[72] CITRANO, JOSEPH, III, US  
[72] RUSSELL, ALDEN C., III, US  
[73] FISHER-ROSEMOUNT SYSTEMS, INC., US  
[85] 2011-11-15  
[86] 2010-05-14 (PCT/US2010/034949)  
[87] (WO2010/132799)  
[30] US (61/178,757) 2009-05-15

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[51] **Int.Cl. A61N 5/10 (2006.01) A61B 90/00 (2016.01)**  
[25] EN  
[54] **BRACHYTHERAPY FIDUCIAL NEEDLE FIXATION SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE DE FIXATION D'UNE AIGUILLE REPERE DE CURIETHERAPIE**  
[72] PITMAN, CHARLIE, US  
[73] BREAST MICROSEED, INC., US  
[85] 2011-11-18  
[86] 2010-04-21 (PCT/US2010/031937)  
[87] (WO2010/124022)  
[30] US (12/427,667) 2009-04-21

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[13] C

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[25] EN  
[54] **PIVOTING ARRANGEMENT**  
[54] **AGENCEMENT DE PIVOTEMENT**  
[72] BEUGELS, JOHANNES, NL  
[72] KNOPH, RAY, NL  
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 2011-11-23  
[86] 2010-05-21 (PCT/IB2010/052267)  
[87] (WO2010/136943)  
[30] EP (09161317.4) 2009-05-28

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[13] C

[51] **Int.Cl. C23C 22/34 (2006.01) C09D 5/08 (2006.01) C09D 5/12 (2006.01)**  
[25] EN  
[54] **PROCESS AND COMPOSITION FOR TREATING METAL SURFACES**  
[54] **PROCEDE ET COMPOSITION POUR TRAITER DES SURFACES METALLIQUES**  
[72] RIVERA, JOSE B., US  
[72] CHURCH, RICHARD J., US  
[73] BULK CHEMICALS, INC., US  
[85] 2011-11-28  
[86] 2010-05-27 (PCT/US2010/036392)  
[87] (WO2010/138708)  
[30] US (12/474,960) 2009-05-29

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[13] C

[51] **Int.Cl. B41F 35/00 (2006.01) B41F 5/24 (2006.01)**  
[25] EN  
[54] **DRY FLEXOGRAPHIC PRINTING PLATE CLEANER SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE DE NETTOYAGE A SEC DE PLAQUE FLEXOGRAPHIQUE**  
[72] EGAN, RONALD G., US  
[73] EGAN, RONALD G., US  
[85] 2011-12-01  
[86] 2010-05-06 (PCT/US2010/033813)  
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[13] C

[51] **Int.Cl. B65D 88/12 (2006.01) B65D 45/02 (2006.01) B65D 90/66 (2006.01)**  
[25] EN  
[54] **TRANSPORT FRAME**  
[54] **STRUCTURE DE TRANSPORT**  
[72] LANGH, HANS, FI  
[73] OY LANGH SHIP AB, FI  
[85] 2011-12-06  
[86] 2010-06-10 (PCT/FI2010/050479)  
[87] (WO2010/142854)  
[30] FI (20095670) 2009-06-12

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[13] C

[51] **Int.Cl. A61K 9/08 (2006.01) A61K 31/337 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **PHARMACEUTICAL SOLUTION OF TAXANES COMPRISING PH REGULATOR AND PREPARATION METHOD THEREOF**  
[54] **SOLUTION PHARMACEUTIQUE DE TAXANES COMPRENANT UN REGULATEUR DE PH ET PROCEDE DE PREPARATION DE CELLE-CI**  
[72] CHEN, JIANMING, CN  
[72] GAO, BAOAN, CN  
[72] DENG, LI, CN  
[72] YANG, QIUXIA, CN  
[72] SUN, JING, CN  
[72] LIU, WEI, CN  
[72] GU, PENG, CN  
[72] ZHANG, YINGYING, CN  
[72] ZHANG, JIALIANG, CN  
[73] JIANGSU TASLY DIYI PHARMACEUTICAL CO., LTD., CN  
[85] 2011-12-16  
[86] 2010-10-22 (PCT/CN2010/077996)  
[87] (WO2011/047637)  
[30] CN (200910070931.8) 2009-10-23

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[13] C

[51] **Int.Cl. H02M 9/04 (2006.01) H02J 7/00 (2006.01) H02J 7/04 (2006.01)**  
[25] EN  
[54] **CAPACITOR CHARGER SYSTEM, AND DIGITAL CONTROL MODULE AND ISOLATED ACQUISITION MODULE FOR SUCH A CAPACITOR CHARGER SYSTEM**  
[54] **SYSTEME CHARGEUR DE CONDENSATEUR ET MODULE DE COMMANDE NUMERIQUE ET MODULE D'ACQUISITION ISOLE POUR UN TEL SYSTEME CHARGEUR DE CONDENSATEUR**  
[72] ELMQVIST, KLAS, SE  
[72] HARTMAN, CARL, SE  
[72] GRAAS, MAGNUS, SE  
[72] WICKSTROEM, ANDREAS, SE  
[72] GUSTAFSSON, JONAS, SE  
[72] LUNDGREN, JAN, SE  
[72] CREWSON, WALTER FREDRICK JOHN, US  
[73] SCANDINOVA SYSTEMS AB, SE  
[85] 2011-12-21  
[86] 2009-06-30 (PCT/SE2009/050834)  
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[51] **Int.Cl. C08L 71/02 (2006.01) C08G 18/48 (2006.01) C08L 23/02 (2006.01) C08L 25/06 (2006.01) C08L 51/04 (2006.01) C08L 101/00 (2006.01)**

[25] EN

[54] **RESIN COMPOSITION WHOSE LUBRICITY UNDER WET CONDITIONS IS MAINTAINED**

[54] **COMPOSITION DE RESINE A CAPACITE LUBRIFIANTE CONSERVEE EN CONDITIONS HUMIDES**

[72] OZAWA, HITOSHI, JP  
[72] OHTANI, TATSUO, JP  
[72] YAMAUCHI, YO, JP  
[73] SUMITOMO SEIKA CHEMICALS CO., LTD., JP  
[85] 2011-12-21  
[86] 2010-06-25 (PCT/JP2010/060845)  
[87] (WO2010/150875)  
[30] JP (2009-152450) 2009-06-26

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[11] **2,766,892**  
[13] C

[51] **Int.Cl. H04W 36/00 (2009.01) H04W 24/10 (2009.01) H04W 36/08 (2009.01)**

[25] EN

[54] **MOBILE COMMUNICATION METHOD, MOBILE STATION, AND RADIO BASE STATION**

[54] **PROCEDE DE COMMUNICATION MOBILE, STATION MOBILE ET STATION DE BASE SANS FIL**

[72] IWAMURA, MIKIO, JP  
[72] UMESH, ANIL, JP  
[73] NTT DOCOMO, INC., JP  
[85] 2011-12-28  
[86] 2010-06-25 (PCT/JP2010/060886)  
[87] (WO2010/150884)  
[30] JP (2009-153046) 2009-06-26

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[13] C

[51] **Int.Cl. D01F 6/04 (2006.01) D01F 8/00 (2006.01) D21H 21/48 (2006.01)**

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[54] **BILUMINESCENT COLORED FIBERS**

[54] **FIBRES COLOREES BILUMINESCENTES**

[72] KRUEGER, PER, DE  
[72] MOMBREE, ALEXANDER, DE  
[73] BUNDESDRUCKEREI GMBH, DE  
[85] 2012-01-18  
[86] 2010-08-27 (PCT/EP2010/005332)  
[87] (WO2011/029543)  
[30] DE (10 2009 040 747.2) 2009-09-08

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[13] C

[51] **Int.Cl. F41A 19/10 (2006.01) F41A 3/64 (2006.01) F41A 19/13 (2006.01)**

[25] EN

[54] **BREECH DEVICE FOR A HAND FIREARM**

[54] **DISPOSITIF DE CULASSE POUR UNE ARME A FEU A MAIN**

[72] LOGANCHUK, VLADIMIR, CA  
[73] LOGANCHUK, VLADIMIR, CA  
[85] 2012-01-18  
[86] 2010-07-19 (PCT/IB2010/001749)  
[87] (WO2011/010201)  
[30] US (12/508,651) 2009-07-24

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[13] C

[51] **Int.Cl. H04W 4/00 (2009.01) H04W 12/06 (2009.01) H04W 84/18 (2009.01) G06Q 50/18 (2012.01) H04B 5/00 (2006.01) H04B 1/59 (2006.01)**

[25] EN

[54] **METHODS AND APPARATUS TO SUPPORT PERSONAL INFORMATION MANAGEMENT**

[54] **APPAREILLAGE ET METHODE DE SUPPORT DE LA GESTION D'INFORMATIONS PERSONNELLES**

[72] HILL, THOMAS CASEY, US  
[73] BLACKBERRY LIMITED, CA  
[86] (2769103)  
[87] (2769103)  
[22] 2012-02-27  
[30] US (13/036,885) 2011-02-28

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[13] C

[51] **Int.Cl. E06B 1/52 (2006.01) E06B 3/988 (2006.01)**

[25] EN

[54] **HINGE REINFORCED FRAME ASSEMBLY**

[54] **ENSEMBLE DE CADRE RENFORCE PAR DES CHARNIERES**

[72] GADOURY, ALAIN, CA  
[73] CONDOOR SYSTEMS INC., CA  
[86] (2769304)  
[87] (2769304)  
[22] 2012-02-23

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[11] **2,771,244**  
[13] C

[51] **Int.Cl. A61M 16/04 (2006.01) A61M 1/00 (2006.01)**

[25] EN

[54] **LOOPED TETHER FOR MEDICAL VENTILATING AND ASPIRATING DEVICES**

[54] **ATTACHE EN BOUCLE POUR DISPOSITIFS MEDICAUX DE VENTILATION ET D'ASPIRATION**

[72] BREWER, JOHN, US  
[72] MORRIS, CASSANDRA E., US  
[72] WEART, ILONA F., US  
[73] AVENT, INC., US  
[85] 2012-02-15  
[86] 2010-08-18 (PCT/IB2010/053737)  
[87] (WO2011/033405)  
[30] US (12/562,223) 2009-09-18

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[11] **2,772,317**  
[13] C

[51] **Int.Cl. B65B 5/10 (2006.01) B65B 39/14 (2006.01) B65B 43/50 (2006.01) B65B 43/60 (2006.01)**

[25] EN

[54] **CONTINUOUS FILLING DEVICE**

[54] **DISPOSITIF DE REMPLISSAGE CONTINU**

[72] CREMER, FREDIUS JOHAN, NL  
[73] CREMER SPECIAALMACHINES B.V., NL  
[85] 2012-02-27  
[86] 2010-08-24 (PCT/NL2010/050529)  
[87] (WO2011/028103)  
[30] NL (2003428) 2009-09-02

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[13] C

[51] **Int.Cl. C22B 3/10 (2006.01) C01G 23/053 (2006.01) C22B 34/12 (2006.01)**

[25] EN

[54] **ENRICHED TITANIUM HYDROCHLORIC ACID EXTRACT RESIDUE, USE THEREOF AND PREPARATION METHOD OF TITANIUM PIGMENT**

[54] **RESIDU RICHE EN TITANE DE LIXIVIATION A L'ACIDE CHLORHYDRIQUE, SON UTILISATION ET PROCEDE D'OBTENTION DE DIOXYDE DE TITANE**

[72] CHEN, SHUZHONG, US

[72] WANG, BOB ZHENGQI, US

[73] CHEN, SHUZHONG, US

[73] SHA, LILIN, CN

[85] 2012-02-28

[86] 2010-09-02 (PCT/CN2010/076579)

[87] (WO2011/026434)

[30] CN (200910306494.5) 2009-09-02

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[11] **2,772,577**  
[13] C

[51] **Int.Cl. H01M 8/0662 (2016.01) H01M 8/04007 (2016.01)**

[25] EN

[54] **CONCEPT FOR DRYING EXHAUST GAS OF A FUEL CELL SYSTEM UTILIZING THE LIQUID HYDROGEN AS A HEAT SINK**

[54] **CONCEPT D'ASSECHEMENT DE GAZ D'ECHAPPEMENT D'UN DISPOSITIF DE PILE A COMBUSTIBLE EMPLOYANT L'HYDROGENE LIQUIDE COMME PUIITS THERMIQUE**

[72] HOFFJANN, CLAUDIUS, DE

[72] LAUCKNER, JOHANNES, DE

[73] AIRBUS OPERATIONS GMBH, DE

[85] 2012-02-28

[86] 2010-08-30 (PCT/EP2010/062604)

[87] (WO2011/036027)

[30] DE (10 2009 040 013.3) 2009-09-03

[30] US (61/239,481) 2009-09-03

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[13] C

[51] **Int.Cl. B01J 20/16 (2006.01) B01D 3/00 (2006.01) B01D 53/04 (2006.01) B01D 53/26 (2006.01) B01D 53/44 (2006.01)**

[25] EN

[54] **ADSORBENT AND SYSTEMS AND METHODS FOR RECOVERY OF HALOGENATED HYDROCARBONS**

[54] **ADSORBANT ET SYSTEMES ET PROCEDES POUR RECUPERATION D'HYDROCARBURES HALOGENES**

[72] CASHIN, FREDERICK, CA

[72] FILIPOVIC, DUSANKA, CA

[72] MILIN, BILJANA, CA

[72] WHITBY, LAURENCE, CA

[73] BLUE-ZONE TECHNOLOGIES LTD., CA

[85] 2012-03-01

[86] 2010-08-31 (PCT/CA2010/001366)

[87] (WO2011/026230)

[30] US (61/239,051) 2009-09-01

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[11] **2,773,235**  
[13] C

[51] **Int.Cl. E01C 5/22 (2006.01)**

[25] EN

[54] **TOUGH WATER-PERMEABLE PAVER**

[54] **PAVE PERMEABLE A L'EAU ET RESISTANT**

[72] HOPPERUS-BUMA, PETER BAREND, NZ

[73] HOPPERUS-BUMA, PETER BAREND, NZ

[85] 2012-03-05

[86] 2010-09-07 (PCT/NZ2010/000179)

[87] (WO2011/031168)

[30] NZ (579597) 2009-09-11

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[11] **2,774,452**  
[13] C

[51] **Int.Cl. G01N 33/00 (2006.01) G01N 27/40 (2006.01) G01N 27/413 (2006.01)**

[25] EN

[54] **ELECTROCHEMICAL SENSORS INCLUDING ELECTRODES WITH DIFFUSION BARRIERS**

[54] **CAPTEURS ELECTROCHIMIQUES COMPRENANT DES ELECTRODES DOTEES DE BARRIERES DE DIFFUSION**

[72] DAVIS, BRIAN KEITH, US

[72] SCHEFFLER, TOWNER BENNETT, US

[72] BROWN, MICHAEL ALVIN, US

[73] MSA TECHNOLOGY, LLC, US

[85] 2012-03-16

[86] 2010-10-28 (PCT/US2010/054537)

[87] (WO2011/053721)

[30] US (61/256,787) 2009-10-30

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[11] **2,776,025**  
[13] C

[51] **Int.Cl. H02G 3/06 (2006.01) F16L 47/18 (2006.01)**

[25] EN

[54] **NON-METALLIC EXPANSION/DEFLECTION COUPLING MODULES**

[54] **MODULES DE COUPLAGE D'EXPANSION/DE CONTRACTION NON METALLIQUE**

[72] JAFFARI, ANDY ALI, US

[73] THOMAS & BETTS INTERNATIONAL, LLC, US

[86] (2776025)

[87] (2776025)

[22] 2012-05-03

[30] US (61/482,497) 2011-05-04

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[13] C

[51] **Int.Cl. G01V 3/12 (2006.01) E02D 1/02 (2006.01) E02F 9/26 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETECTING BURIED OBJECTS**  
[54] **METHODE ET APPAREIL DE DETECTION D'OBJETS ENTERRES**  
[72] ALLOUCHE, EREZ, US  
[72] JAGANATHAN, ARUN PRAKASH, US  
[72] SIMICEVIC, NEVEN, US  
[72] OLSON, JAY HAROLD, US  
[73] LOUISIANA TECH UNIVERSITY RESEARCH FOUNDATION, US  
[73] DEERE AND COMPANY, US  
[85] 2012-04-04  
[86] 2009-10-06 (PCT/US2009/059626)  
[87] (WO2011/043766)

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[13] C

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[25] EN  
[54] **PROCESS FOR PRODUCTION OF PAPER**  
[54] **PROCEDE DE FABRICATION DE PAPIER**  
[72] JUPPO, ARI, FI  
[72] STENBACKA, ULF, FI  
[73] KEMIRA OYJ, FI  
[85] 2012-04-04  
[86] 2010-11-03 (PCT/FI2010/050887)  
[87] (WO2011/055017)  
[30] EP (09174967.1) 2009-11-04  
[30] US (61/257,905) 2009-11-04

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[13] C

[51] **Int.Cl. A61K 47/06 (2006.01) A61P 27/02 (2006.01)**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION FOR TREATMENT OF DRY EYE SYNDROME**  
[54] **COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT DU SYNDROME DE L'OEIL SEC**  
[72] THEISINGER, BASTIAN, DE  
[72] THEISINGER, SONJA, DE  
[72] GUNTHER, BERNHARD, DE  
[73] NOVALIQ GMBH, DE  
[85] 2012-04-04  
[86] 2010-12-13 (PCT/EP2010/069495)  
[87] (WO2011/073134)  
[30] EP (09015423.8) 2009-12-14

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[13] C

[51] **Int.Cl. A47J 31/00 (2006.01) A23L 2/54 (2006.01) A47J 43/27 (2006.01) B65D 51/16 (2006.01)**  
[25] EN  
[54] **UNPLUGGED BUBBLE BEVERAGE MACHINE**  
[54] **DISTRIBUTEUR AUTOMATIQUE DE BOISSONS A BULLES SANS FICHE**  
[72] WANG, TEH-HSIN, TW  
[72] YEH, CHIN-TSANG, TW  
[72] HUANG, KAI-POMR, TW  
[73] MOSA INDUSTRIAL CORP., TW  
[86] (2776928)  
[87] (2776928)  
[22] 2012-05-09

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[11] **2,778,120**  
[13] C

[51] **Int.Cl. C08L 75/04 (2006.01) C08J 3/20 (2006.01) C08K 5/521 (2006.01)**  
[25] EN  
[54] **THERMOPLASTIC POLYURETHANE COMPOSITION WITH HIGH INSULATION RESISTANCE**  
[54] **COMPOSITION DE POLYURETHANE THERMOPLASTIQUE PRESENTANT UNE RESISTANCE D'ISOLEMENT ELEVEE**  
[72] LU, LAN, CN  
[72] CHEN, GIVEN JING, CN  
[72] YAN, XIAOWEI WILSON, CN  
[72] LI, BIN, CN  
[72] MA, WEIMING WAYNE, CN  
[73] DOW GLOBAL TECHNOLOGIES LLC, US  
[85] 2012-04-18  
[86] 2009-10-28 (PCT/CN2009/074653)  
[87] (WO2011/050520)

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[11] **2,778,426**  
[13] C

[51] **Int.Cl. E21B 34/14 (2006.01) E21B 23/00 (2006.01) E21B 43/26 (2006.01)**  
[25] EN  
[54] **REAL TIME DOWNHOLE INTERVENTION DURING WELLBORE STIMULATION OPERATIONS**  
[54] **INTERVENTION DE FOND DE TROU EN TEMPS REEL DURANT DES OPERATIONS DE STIMULATION DE Puits DE FORAGE**  
[72] HANSEN, HENNING, ES  
[73] ZIEBEL AS, NO  
[85] 2012-04-20  
[86] 2009-11-16 (PCT/NO2009/000389)  
[87] (WO2010/059060)  
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[13] C  
[51] **Int.Cl. G02B 6/36 (2006.01) H04B 10/25 (2013.01) H04B 10/2581 (2013.01) H04B 10/80 (2013.01) A61B 6/00 (2006.01) G02B 6/42 (2006.01)**  
[25] EN  
[54] **FIBER OPTIC ROTARY JOINTS, METHODS PRACTICED THEREBY, AND FIBER OPTIC DEVICES**  
[54] **JOINTS TOURNANTS POUR FIBRES OPTIQUES, PROCÉDES MIS EN ŒUVRE A L'AIDE DE CEUX-CI ET DISPOSITIFS A FIBRES OPTIQUES**  
[72] BOWMAN, ANTHONY L., US  
[73] MOOG INC., US  
[85] 2012-05-09  
[86] 2009-12-03 (PCT/US2009/006350)  
[87] (WO2011/068492)

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[13] C  
[51] **Int.Cl. B65D 5/20 (2006.01) B65D 5/36 (2006.01)**  
[25] EN  
[54] **FOOD TRAY**  
[54] **PLATEAU POUR ALIMENTS**  
[72] HUBBARD, JAMES, US  
[72] COOK, MATTHEW R., US  
[72] FU, THOMAS, US  
[72] WOLF, KURT, US  
[73] LBP MANUFACTURING, INC., US  
[86] (2780514)  
[87] (2780514)  
[22] 2012-06-21  
[30] US (13/165,346) 2011-06-21  
[30] US (13/463,479) 2012-05-03

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[11] **2,780,958**  
[13] C  
[51] **Int.Cl. C12Q 1/68 (2006.01) C40B 30/04 (2006.01)**  
[25] EN  
[54] **DETERMINING THE SEQUENCE OF A POLYNUCLEOTIDE**  
[54] **DETERMINATION DE LA SEQUENCE D'UN POLYNUCLEOTIDE**  
[72] DENSHAM, DANIEL HENRY, GB  
[73] GEN-PROBE INCORPORATED, US  
[86] (2780958)  
[87] (2780958)  
[22] 2004-07-26  
[62] 2,533,579  
[30] GB (0317343.2) 2003-07-24

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[13] C  
[51] **Int.Cl. B23B 31/08 (2006.01) B23G 3/00 (2006.01)**  
[25] FR  
[54] **TAPPING UNIT WITH PROTECTION MEANS**  
[54] **UNITE DE TARAUDAGE A MOYENS DE PROTECTION**  
[72] PECASTAING, MATTHIEU, FR  
[72] TISSOT, JULIEN, FR  
[73] PRONIC, FR  
[85] 2012-05-08  
[86] 2010-10-22 (PCT/IB2010/054805)  
[87] (WO2011/058468)  
[30] FR (09 58032) 2009-11-13

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[13] C  
[51] **Int.Cl. E04B 9/12 (2006.01)**  
[25] EN  
[54] **CONNECTOR CLIP**  
[54] **AGRAFE DE JONCTION**  
[72] LEHANE, JAMES J., JR., US  
[73] USG INTERIORS, LLC, US  
[85] 2012-05-18  
[86] 2010-11-30 (PCT/US2010/058266)  
[87] (WO2011/071714)  
[30] US (12/631,892) 2009-12-07

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[11] **2,784,569**  
[13] C  
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 21/10 (2006.01) E21B 23/00 (2006.01) E21B 33/124 (2006.01)**  
[25] EN  
[54] **SELECTIVE FRACTURING TOOL**  
[54] **OUTIL DE FRACTURATION SELECTIVE**  
[72] TURNER, DON, CA  
[72] CAMPBELL, SEAN, CA  
[72] GEORGE, GRANT, CA  
[73] LOGAN COMPLETION SYSTEMS INC., CA  
[86] (2784569)  
[87] (2784569)  
[22] 2010-04-26  
[62] 2,731,161  
[30] US (61/172,915) 2009-04-27

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[11] **2,785,426**  
[13] C  
[51] **Int.Cl. F16L 11/112 (2006.01) B29C 70/24 (2006.01) F16L 11/08 (2006.01) F16L 11/15 (2006.01) F16L 11/20 (2006.01)**  
[25] EN  
[54] **REINFORCED FLEXIBLE TUBING AND METHOD OF MAKING SAME**  
[54] **TUBE SOUPLE RENFORCE ET METHODE DE FABRICATION**  
[72] KRAMER, VANCE M., JR., US  
[72] RODEBAUGH, JONATHAN O., US  
[73] CRUSHPROOF TUBING COMPANY, US  
[86] (2785426)  
[87] (2785426)  
[22] 2012-08-10  
[30] US (13/208,936) 2011-08-12

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[13] C  
[51] **Int.Cl. E05B 29/04 (2006.01) E05B 27/10 (2006.01) E05B 31/00 (2006.01)**  
[25] EN  
[54] **A PROGRAMMABLE CYLINDER LOCK COMPRISING A SECURITY DEVICE TO PREVENT FAULTY PROGRAMMING**  
[54] **SERRURE A CYLINDRE PROGRAMMABLE COMPRENANT UN DISPOSITIF DE SECURITE POUR EVITER LA PROGRAMMATION DEFECTUEUSE**  
[72] LORETI, ALBERTO, IT  
[73] RIELDA SERRATURE S.R.L., IT  
[85] 2012-07-10  
[86] 2010-12-08 (PCT/EP2010/007624)  
[87] (WO2011/091832)  
[30] IT (TO 2010 A 000048) 2010-01-27

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[13] C  
[51] **Int.Cl. B21H 1/18 (2006.01) B21H 3/02 (2006.01) B21H 7/18 (2006.01)**  
[25] EN  
[54] **METHOD OF FORMING ANCHOR BOLTS**  
[54] **PROCEDE DE FORMATION DE BOULONS D'ANCRAGE**  
[72] SHIMAHARA, HIDEKI, JP  
[72] OPPENEIGER, SIMON, AT  
[72] KIND, SIMON, LI  
[73] HILTI AKTIENGESELLSCHAFT, LI  
[85] 2012-07-10  
[86] 2010-02-12 (PCT/EP2010/051760)  
[87] (WO2011/098133)

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[13] C

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[25] EN  
[54] **FIBROUS STRUCTURES**  
[54] **STRUCTURES FIBREUSES**  
[72] MANIFOLD, JOHN ALLEN, US  
[72] FUNG, JOSHUA THOMAS, US  
[72] NUGENT, JEREMY HOWARD, US  
[72] KUNTZ, ASHLEY LYNN, US  
[72] GLASS, KATIE KRISTINE, US  
[72] KIEN, KATHRYN CHRISTIAN, US  
[72] WIWI, KEVIN MITCHELL, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 2012-08-01  
[86] 2011-01-27 (PCT/US2011/022671)  
[87] (WO2011/097106)  
[30] US (12/700,261) 2010-02-04

[11] **2,788,906**  
[13] C

- [51] **Int.Cl. E05D 15/16 (2006.01) E05D 13/00 (2006.01) E05F 1/16 (2006.01)**  
[25] EN  
[54] **WINDOW BALANCE ASSEMBLY**  
[54] **ENSEMBLE D'EQUILIBRAGE DE FENETRE**  
[72] BAKER, MARK R., US  
[72] KELLUM, WILBUR JAMES, III, US  
[72] DENORMAND, RICHARD S., US  
[73] CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC, US  
[85] 2012-08-02  
[86] 2011-02-09 (PCT/US2011/024134)  
[87] (WO2011/100280)  
[30] US (61/302,722) 2010-02-09  
[30] US (61/302,715) 2010-02-09

[11] **2,789,671**  
[13] C

- [51] **Int.Cl. A61M 5/315 (2006.01) A61M 5/48 (2006.01) A61B 17/00 (2006.01) A61B 17/34 (2006.01) A61M 5/34 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR ENDOSCOPIC SUBMUCOSAL DISSECTION**  
[54] **APPAREIL ET METHODE DE DISSECTION SOUS-MUQUEUSE PAR VOIE ENDOSCOPIQUE**  
[72] SIGMON, JOHN C., JR., US  
[72] SURTI, VIHAR C., US  
[72] WILLIAMS, MICHAEL L., US  
[73] COOK MEDICAL TECHNOLOGIES LLC, US  
[85] 2012-08-10  
[86] 2011-02-02 (PCT/US2011/025169)  
[87] (WO2011/103245)  
[30] US (61/306,100) 2010-02-19

[11] **2,790,461**  
[13] C

- [51] **Int.Cl. G01S 19/24 (2010.01) G01S 19/05 (2010.01) G01S 19/25 (2010.01)**  
[25] EN  
[54] **PRECISE ABSOLUTE TIME TRANSFER FROM A SATELLITE SYSTEM**  
[54] **PRECISFERT DE TEMPS ABSOLU TRANSFERT D'UN SYSTEME DE SATELLITE**  
[72] GUTT, GREGORY M., US  
[72] WHELAN, DAVID A., US  
[73] THE BOEING COMPANY, US  
[86] (2790461)  
[87] (2790461)  
[22] 2012-09-20  
[30] US (13/267,714) 2011-10-06

[11] **2,790,598**  
[13] C

- [51] **Int.Cl. B63B 21/24 (2006.01)**  
[25] EN  
[54] **AN ANCHOR**  
[54] **UN ANCRAGE**  
[72] SMITH, PETER K., NZ  
[73] SMITH, PETER K., NZ  
[86] (2790598)  
[87] (2790598)  
[22] 2012-09-17  
[30] US (61535370) 2011-09-16

[11] **2,791,208**  
[13] C

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[25] EN  
[54] **A METHOD FOR MANUFACTURING A DUAL-PURPOSE CONTAINER AND A CONTAINER PRE-ASSEMBLY HAVING A TEAR-OUT SECTION, AND THE PRE-ASSEMBLY AND THE CONTAINER**  
[54] **METHODE DE FABRICATION D'UN CONTENANT A DOUBLE UTILITE ET PREASSEMBLAGE DE CONTENANT A PARTIE DETACHABLE ET PREASSEMBLAGE ET CONTENANT**  
[72] LAUGHMAN, JAMIE L., US  
[72] LITTLE, TROY, US  
[73] YORK CONTAINER COMPANY, US  
[86] (2791208)  
[87] (2791208)  
[22] 2012-09-28  
[30] US (61/541,516) 2011-09-30

[11] **2,791,657**  
[13] C

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[25] EN  
[54] **COMPONENT DETECTION DEVICE AND COMPONENT DETECTION METHOD**  
[54] **DISPOSITIF ET PROCEDE DE DETECTION DE PIECES**  
[72] AOYAMA, YOSHITAKA, JP  
[72] AOYAMA, SHOJI, JP  
[73] AOYAMA, YOSHITAKA, JP  
[85] 2012-08-30  
[86] 2010-07-01 (PCT/JP2010/061255)  
[87] (WO2011/108130)  
[30] JP (2010-049249) 2010-03-05

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[13] C

[51] **Int.Cl. C07C 267/00 (2006.01) G01N 33/532 (2006.01) G01N 33/543 (2006.01)**

[25] EN  
[54] **CONJUGATION REACTIONS**  
[54] **REACTIONS DE CONJUGAISON**

[72] GEE, NICHOLAS, GB  
[72] DRAGHI, ANNAMARIA, IT  
[73] INNOVA BIOSCIENCES LIMITED, GB

[85] 2012-08-30  
[86] 2011-03-15 (PCT/GB2011/050513)  
[87] (WO2011/107810)  
[30] GB (1003697.8) 2010-03-05

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[13] C

[51] **Int.Cl. H04M 3/56 (2006.01) H04W 4/16 (2009.01)**

[25] EN  
[54] **SYSTEMS AND METHODS FOR PROVIDING A DISTRIBUTED MOBILE CALL CENTER FOR A SERVICE ESTABLISHMENT**  
[54] **SYSTEMES ET METHODES D'OFFRE DE CENTRE D'APPELS MOBILES DISTRIBUES POUR UN ETABLISSEMENT DE SERVICE**

[72] BHAUMIK, VIJAN, US  
[72] BRILLHART, MARISA LYNNE, US  
[72] LYONS, RICHARD KEVIN, US  
[73] SEARS BRANDS, LLC, US

[86] (2792131)  
[87] (2792131)  
[22] 2012-10-11  
[30] US (13/273,459) 2011-10-14

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[13] C

[51] **Int.Cl. C12Q 1/00 (2006.01) G01N 33/02 (2006.01)**

[25] EN  
[54] **ANIMAL FEED KIBBLE WITH PROTEIN-BASED CORE AND RELATED METHODS**  
[54] **GRANULES D'ALIMENT POUR ANIMAUX AVEC UN NOYAU A BASE DE PROTEINES ET PROCEDES ASSOCIES**

[72] SUNVOLD, GREGORY DEAN, US  
[72] BRENT, JOHN LESLIE, JR., US  
[72] CORRIGAN, PATRICK JOSEPH, US  
[72] HAYEK, MICHAEL GRIFFIN, US  
[73] MARS, INCORPORATED, US

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[87] (2792390)  
[22] 2009-09-09  
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[30] US (61/096,127) 2008-09-11

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[11] **2,792,892**  
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[51] **Int.Cl. A23K 50/40 (2016.01) A23K 10/30 (2016.01) A23K 40/00 (2016.01) A23K 50/00 (2016.01)**

[25] EN  
[54] **EDIBLE PET CHEW MADE FROM A SINGLE INITIALLY MALLEABLE SHEET**  
[54] **ARTICLE A MACHER COMESTIBLE POUR ANIMAUX DOMESTIQUES CONSTITUE D'UNE FEUILLE UNIQUE INITIALEMENT MALLEABLE**

[72] STERN, MARK, US  
[72] WHEELER, PETER B., US  
[73] PETMATRIX LLC, US

[85] 2012-09-11  
[86] 2011-04-21 (PCT/US2011/033359)  
[87] (WO2011/133730)  
[30] US (12/764,480) 2010-04-21

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[54] **CLOUD-BASED PRINT SERVICE**  
[54] **SERVICE D'IMPRESSION EN NUAGE**

[72] JAZAYERI, MIKE, US  
[72] SPANGLER, RANDALL R., US  
[72] RADHAKRISHNAN, SANJEEV, US  
[72] KALAMKAR, ABHIJIT, US  
[72] PAWLIGER, MARC, US  
[72] BYER, SCOTT, US  
[72] GUTNIK, YEVGENIY, US  
[73] GOOGLE INC., US

[85] 2012-09-14  
[86] 2011-03-15 (PCT/US2011/028512)  
[87] (WO2011/115987)  
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[30] US (13/041,038) 2011-03-04  
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[25] EN  
[54] **PROSTHETIC HEART VALVE**  
[54] **VALVE CARDIAQUE PROTHETIQUE**

[72] CAO, HENGCHU, US  
[72] CONKLIN, BRIAN S., US  
[72] SCHMIDT, PAUL A., US  
[72] KIM, GRACE MYONG, US  
[72] DAVIDSON, JAMES A., US  
[72] TRAN, HOA TRINH, US  
[72] TAM, KRISTY LUONG, US  
[73] EDWARDS LIFESCIENCES CORPORATION, US  
[73] EDWARDS LIFESCIENCES CORPORATION, US

[85] 2012-09-20  
[86] 2011-05-10 (PCT/US2011/035952)  
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[25] EN

[54] **FLAME-RETARDANT THERMOPLASTIC ELASTOMER COMPOSITION WITH RESISTANCE TO SCRATCH-WHITENING**

[54] **COMPOSITION D'ELASTOMERE THERMOPLASTIQUE RETARDATRICE DE FLAMME, PRESENTANT UNE RESISTANCE AU BLANCHISSEMENT LORS D'ERAFLURES**

[72] CHEN, JING GIVEN, CN  
[72] GU, FANGMING TONY, CN  
[72] CAO, YURONG, CN  
[72] GUO, DAVID H., CN  
[72] MIAO, XIAOXIONG SHAWN, CN  
[73] DOW GLOBAL TECHNOLOGIES LLC, US  
[85] 2012-09-26  
[86] 2010-03-26 (PCT/CN2010/071336)  
[87] (WO2011/116525)

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[51] **Int.Cl. A01C 5/06 (2006.01) A01B 33/08 (2006.01) A01B 33/10 (2006.01) A01B 35/28 (2006.01)**

[25] EN

[54] **SYSTEM FOR APPLYING DOWN PRESSURE IN A COULTER ASSEMBLY**

[54] **SYSTEME PERMETTANT D'APPLIQUER UNE PRESSION VERS LE BAS DANS UN COUTRE**

[72] GADZELLA, GERARD JAMES, CA  
[72] SCHILLING, ROBIN BRUNO, CA  
[73] CNH INDUSTRIAL CANADA, LTD., CA  
[86] (2795231)  
[87] (2795231)  
[22] 2012-11-13  
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[51] **Int.Cl. G01N 33/497 (2006.01) A01K 5/01 (2006.01) G06Q 50/00 (2012.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR MONITORING AND REDUCING RUMINANT METHANE PRODUCTION**

[54] **PROCEDE ET SYSTEME POUR CONTROLER ET REDUIRE LA PRODUCTION DE METHANE PAR LES RUMINANTS**

[72] ZIMMERMAN, PATRICK R., US  
[72] ZIMMERMAN, SCOTT, US  
[73] C-LOCK INC., US  
[85] 2012-10-15  
[86] 2011-04-14 (PCT/US2011/032531)  
[87] (WO2011/130538)  
[30] US (61/342,644) 2010-04-16  
[30] US (61/401,466) 2010-08-13  
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[51] **Int.Cl. B25F 5/00 (2006.01) H02J 7/00 (2006.01) H02P 6/08 (2016.01)**

[25] EN

[54] **PROGRAMMABLE PORTABLE POWER TOOL WITH BRUSHLESS DC MOTOR**

[54] **OUTIL ELECTRIQUE PORTATIF PROGRAMMABLE AVEC MOTEUR CC SANS BALAIS**

[72] KNIGHT, COLIN, US  
[72] CORIC, MILOS, US  
[73] SEARS BRANDS, LLC, US  
[86] (2800792)  
[87] (2800792)  
[22] 2013-01-04  
[30] US (61/583,846) 2012-01-06

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[11] **2,801,226**  
[13] C

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 7/02 (2006.01)**

[25] EN

[54] **PROCESSES FOR THE PREPARATION OF DIPYRIDAMOLE**

[54] **PROCEDES DE PREPARATION DE DIPYRIDAMOLE**

[72] GORE, VINAYAK GOVIND, IN  
[72] MANOJKUMAR, BINDU, IN  
[72] KOKANE, DATTATREY, IN  
[73] GENERICS (UK) LIMITED, GB  
[85] 2012-11-29  
[86] 2011-05-31 (PCT/GB2011/051023)  
[87] (WO2011/151640)  
[30] IN (1655/MUM/2010) 2010-05-31

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[11] **2,803,096**  
[13] C

[51] **Int.Cl. F41G 1/00 (2006.01) F41G 3/00 (2006.01) F41G 11/00 (2006.01) F41J 5/00 (2006.01) G03B 13/02 (2006.01)**

[25] EN

[54] **A VIEWING APPARATUS**

[54] **APPAREIL DE VISEE**

[72] CRAVEN, DAVID, GB  
[72] CRAVEN, PHILIP, GB  
[73] NITESITE LIMITED, GB  
[85] 2012-12-18  
[86] 2011-06-01 (PCT/GB2011/051031)  
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[30] GB (1010207.7) 2010-06-18

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[13] C

[51] **Int.Cl. A61B 5/026 (2006.01) A61B 5/00 (2006.01) A61B 5/0215 (2006.01) A61B 5/145 (2006.01) A61M 5/00 (2006.01) A61M 25/00 (2006.01)**

[25] EN

[54] **PHYSIOLOGICAL SENSOR DELIVERY DEVICE AND METHOD**

[54] **DISPOSITIF ET PROCEDURE DE POSE DE DETECTEUR PHYSIOLOGIQUE**

[72] PAK, JUNG KWON, US  
[72] MANSTROM, DALE R., US  
[72] RAATIKKA, AMY R., US  
[72] WILSON, ROBERT F., US  
[72] MILLER, EDWARD R., US  
[73] ACIST MEDICAL SYSTEMS, INC., US

[86] (2803747)  
[87] (2803747)  
[22] 2009-09-11  
[62] 2,762,123  
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[13] C

[51] **Int.Cl. H04N 7/173 (2011.01) H04L 29/06 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR AUTHORIZING ACCESS TO NETWORK SERVICES USING INFORMATION OBTAINED FROM SUBSCRIBER EQUIPMENT**

[54] **SYSTEMES ET PROCEDURES D'AUTORISATION D'ACCES A SERVICES DE RESEAU A L'AIDE D'INFORMATIONS OBTENUES D'EQUIPEMENT D'ABONNE**

[72] LANKFORD, DAVID CHARLES, US  
[73] SLING MEDIA, INC., US

[85] 2012-12-21  
[86] 2011-06-10 (PCT/US2011/039937)  
[87] (WO2011/162981)  
[30] US (12/821,983) 2010-06-23

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[13] C

[51] **Int.Cl. A61M 35/00 (2006.01) A61B 90/80 (2016.01)**

[25] EN

[54] **ANTISEPTIC APPLICATOR ASSEMBLY**

[54] **ENSEMBLE APPLICATEUR D'ANTISEPTIQUE**

[72] GUZMAN, MANUEL, US  
[72] MCDONALD, JAMES P., US  
[73] CAREFUSION 2200, INC., US

[85] 2012-12-27  
[86] 2011-06-13 (PCT/US2011/040146)  
[87] (WO2012/005873)  
[30] US (12/827,631) 2010-06-30

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[11] **2,804,984**  
[13] C

[51] **Int.Cl. H04M 3/56 (2006.01) G10L 19/025 (2013.01)**

[25] EN

[54] **METHOD OF INDICATING PRESENCE OF TRANSIENT NOISE IN A CALL AND APPARATUS THEREOF**

[54] **PROCEDURE INDIQUANT LA PRESENCE DE BRUIT TRANSITOIRE DANS UN APPEL ET APPAREIL ASSOCIE**

[72] ENBOM, NIKLAS, SE  
[72] HAGEN, ROAR, SE  
[72] SKOGLUND, JAN, US  
[73] GOOGLE INC., US

[85] 2013-01-09  
[86] 2011-07-08 (PCT/US2011/043379)  
[87] (WO2012/006535)  
[30] EP (10169088.1) 2010-07-09  
[30] US (61/363,487) 2010-07-12

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[13] C

[51] **Int.Cl. E21B 7/08 (2006.01)**

[25] EN

[54] **ROTARY COIL TUBING DRILLING AND COMPLETION TECHNOLOGY**

[54] **FORAGE DE TUBAGE ENROULE ROTATIF ET TECHNIQUES DE REALISATION**

[72] LEHR, JOERG, DE  
[73] BAKER HUGHES INCORPORATED, US

[85] 2013-01-09  
[86] 2011-07-21 (PCT/US2011/044843)  
[87] (WO2012/012632)  
[30] US (61/366,457) 2010-07-21  
[30] US (13/187,180) 2011-07-20

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[11] **2,806,034**  
[13] C

[51] **Int.Cl. F28D 15/00 (2006.01) F28D 15/02 (2006.01) F28D 15/06 (2006.01) F28F 23/00 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR HEAT TRANSFER IN A DIRECTION REVERSE TO THE NATURAL CONVECTION**

[54] **DISPOSITIF ET METHODE DE TRANSFERT DE CHALEUR DANS UNE DIRECTION CONTRAIRE A LA CONVECTION NATURELLE**

[72] CHLUDZINSKI, DANIEL, PL  
[72] DOBRIANSKI, JURIJ, PL  
[72] DUDA, MICHAL, PL  
[72] PIECHOCKI, JANUSZ, PL  
[72] SAMSEL, MAREK, PL  
[72] WOJCIK, ROBERT, PL

[73] UNIWERSYTET WARMINSKO - MAZURSKI W OLSZTYNIE, PL

[73] HEWALEX SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA SPOLKA KOMANDYTOWA, PL

[73] HEWALEX, LESZEK SKIBA, PL  
[73] TEWES-BIS, SPOLKA, PL  
[73] DOBRIANSKI, JURIJ, PL  
[73] CHLUDZINSKI, DANIEL, PL  
[73] WOJCIK, ROBERT, PL  
[73] SAMSEL, MAREK, PL  
[73] PIECHOCKI, JANUSZ, PL  
[73] DUDA, MICHAL, PL

[85] 2013-01-18  
[86] 2011-07-15 (PCT/PL2011/000077)  
[87] (WO2012/015321)  
[30] PL (P.391961) 2010-07-26

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[11] **2,806,248**  
[13] C

[51] **Int.Cl. H02M 5/293 (2006.01) H02M 1/08 (2006.01)**

[25] EN

[54] **POWER SUPPLY FOR A LOAD CONTROL DEVICE**

[54] **ALIMENTATION ELECTRIQUE POUR UN DISPOSITIF DE COMMANDE DE CHARGE**

[72] CARMEN, DANIEL F., US  
[73] LUTRON ELECTRONICS CO., INC., US

[85] 2013-01-21  
[86] 2011-07-29 (PCT/US2011/045851)  
[87] (WO2012/016119)  
[30] US (12/846,942) 2010-07-30

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[13] C

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[25] EN

[54] **MAIZE INBRED PH1MC3**

[54] **MAIS ENDOGAME PH1MC3**

[72] CARRIGAN, LORI LISA, US

[72] SZALMA, STEPHEN JOSEPH, US

[72] WALCH, MATTHEW DAVID, US

[73] PIONEER HI-BRED

INTERNATIONAL, INC., US

[86] (2806832)

[87] (2806832)

[22] 2013-02-21

[30] US (13/400,611) 2012-02-21

[11] **2,807,371**

[13] C

[51] **Int.Cl. C08L 101/00 (2006.01) B82B 3/00 (2006.01) C08J 3/02 (2006.01) C08K 3/04 (2006.01) C08K 9/04 (2006.01)**

[25] EN

[54] **POLYMER NANOCOMPOSITE**

[54] **NANOCOMPOSITE POLYMERE**

[72] CHAKRABORTY, SOMA, US

[72] DUAN, PING, US

[72] AGRAWAL, GAURAV, US

[72] JOHNSON, MICHAEL, H., US

[73] BAKER HUGHES INCORPORATED, US

[85] 2013-02-01

[86] 2011-07-06 (PCT/US2011/043033)

[87] (WO2012/033565)

[30] US (12/878,538) 2010-09-09

[11] **2,808,468**

[13] C

[51] **Int.Cl. E21B 43/26 (2006.01)**

[25] EN

[54] **SELECTIVE FRACTURING SYSTEM**

[54] **SYSTEME DE FRACTURATION SELECTIVE**

[72] PURKIS, DANIEL G., GB

[72] ATKINSON, RICHARD, GB

[73] PETROWELL LIMITED, GB

[86] (2808468)

[87] (2808468)

[22] 2013-03-06

[30] GB (1204100.0) 2012-03-08

[11] **2,808,595**

[13] C

[51] **Int.Cl. H04L 12/951 (2013.01) H04W 72/04 (2009.01) H04L 12/805 (2013.01)**

[25] EN

[54] **A PACKET STRUCTURE FOR A MOBILE DISPLAY DIGITAL INTERFACE**

[54] **STRUCTURE DE PAQUET POUR INTERFACE NUMERIQUE A AFFICHAGE MOBILE**

[72] STEELE, BRIAN, US

[72] WILEY, GEORGE ALAN, US

[72] SHEKHAR, SHASHANK, US

[73] QUALCOMM INCORPORATED, US

[86] (2808595)

[87] (2808595)

[22] 2008-05-08

[62] 2,685,073

[30] US (60/928,488) 2007-05-08

[30] US (12/116,018) 2008-05-06

[11] **2,809,039**

[13] C

[51] **Int.Cl. H04L 1/18 (2006.01) H04B 7/26 (2006.01) H04L 27/26 (2006.01)**

[25] EN

[54] **EFFICIENT SIGNALING OF DISCONTINUOUS TRANSMISSION**

[54] **SIGNALISATION EFFICIENTE D'EMISSION DISCONTINUE**

[72] BUCKLEY, MICHAEL EOIN, US

[72] HEO, YOUNG HYOUNG, KR

[72] EARNSHAW, ANDREW MARK, CA

[72] MOBASHER, AMIN, CA

[72] EBRAHIMI TAZEHA MAHALLEH, MASOUD, CA

[73] BLACKBERRY LIMITED, CA

[85] 2013-02-20

[86] 2011-09-27 (PCT/US2011/053474)

[87] (WO2012/050834)

[30] US (61/387,265) 2010-09-28

[11] **2,809,764**

[13] C

[51] **Int.Cl. A61B 5/08 (2006.01) A61B 5/087 (2006.01) A61B 5/091 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR RESPIRATORY EVENT DETECTION**

[54] **SYSTEMES ET PROCEDES DE DETECTION D'EVENEMENTS RESPIRATOIRES**

[72] COYLE, MICHAEL, US

[72] KEENAN, DESMOND B., US

[72] DERCHAK, P. ALEXANDER, US

[72] SACKNER, MARVIN A., US

[72] WILHELM, FRANK, CH

[72] GILROY, KEITH, US

[72] GUMMELS, EMERANCE M., US

[72] INMAN, DANA MICHAEL, US

[72] KENNEDY, PAUL, US

[72] MITCHNICK, MARK, US

[72] BEHAR, ANDREW, US

[73] ADIDAS AG, DE

[86] (2809764)

[87] (2809764)

[22] 2004-04-09

[62] 2,522,006

[30] US (60/461,738) 2003-04-10

[30] US (60/506,904) 2003-09-26

[11] **2,811,297**

[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 1/00 (2006.01) C12N 15/00 (2006.01) C12N 15/63 (2006.01) C12P 1/00 (2006.01) C12Q 1/02 (2006.01)**

[25] EN

[54] **METHOD OF RECOMBINANT MACROMOLECULAR PRODUCTION**

[54] **PROCEDE DE PRODUCTION MACROMOLECULAIRE RECOMBINANTE**

[72] O'KEEFE, DONALD, US

[73] DA YU ENTERPRISES, L.L.C., US

[85] 2013-03-13

[86] 2011-09-23 (PCT/US2011/052911)

[87] (WO2012/040550)

[30] US (61/386,513) 2010-09-26

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[13] C

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[25] EN  
[54] **ERGONOMIC TORCH REGULATOR CONTROLLER; TORCH COMPRISING SUCH ERGONOMIC CONTROLLER**  
[54] **DISPOSITIF ERGONOMIQUE DE COMMANDE A REGULATEUR DE CHALUMEAU; CHALUMEAU COMPRENANT UN TEL DISPOSITIF DE COMMANDE ERGONOMIQUE**  
[72] BURDSALL, THOMAS A., US  
[72] LEYDEN, CHRIS S., US  
[72] PARKER, GREGORY DAVID, US  
[72] STARK, JEFFREY P., US  
[73] WORTHINGTON TORCH, LLC, US  
[85] 2013-03-25  
[86] 2011-09-27 (PCT/US2011/053431)  
[87] (WO2012/044611)  
[30] US (61/386,668) 2010-09-27  
[30] US (13/245,225) 2011-09-26

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[13] C

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[25] EN  
[54] **FLOW RECTIFIER FOR CLOSED PIPELINES**  
[54] **REDRESSEUR D'ECOULEMENT POUR CANALISATIONS FERMEES**  
[72] ANTON, HANS-JOACHIM, DE  
[72] RAPAKA, MADHUKAR, IN  
[73] XYLEM IP HOLDINGS LLC, US  
[85] 2013-03-28  
[86] 2011-07-27 (PCT/EP2011/003759)  
[87] (WO2012/045378)  
[30] DE (10 2010 047 782.6) 2010-10-08

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[13] C

[51] **Int.Cl. G06Q 30/02 (2012.01) H04W 4/02 (2009.01)**  
[25] EN  
[54] **TARGETING BASED ON INTENT OR PRESENCE**  
[54] **CIBLAGE BASE SUR L'INTENTION OU LA PRESENCE**  
[72] CHARANIYA, AMIN, US  
[72] TANG, AILEEN, US  
[72] GUPTA, ANKUR, IN  
[72] DOWDELL, JAMES, US  
[72] HASHIM, SMITA, US  
[73] GOOGLE INC., US  
[85] 2013-04-30  
[86] 2012-11-16 (PCT/US2012/065692)  
[87] (WO2013/081865)  
[30] US (13/306,513) 2011-11-29

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[11] **2,814,196**  
[13] C

[51] **Int.Cl. H04N 21/43 (2011.01) H04N 21/45 (2011.01) H04N 7/08 (2006.01)**  
[25] EN  
[54] **VIDEO DISPLAY DEVICE AND METHOD OF CONTROLLING THE SAME**  
[54] **DISPOSITIF D'AFFICHAGE VIDEO ET SON PROCEDE DE COMMANDE**  
[72] KIM, SANGHYUN, KR  
[72] SUH, JONGYEUL, KR  
[72] KIM, KWANSUK, KR  
[72] LEE, JOONHUI, KR  
[72] CHUNG, JAEHEE, KR  
[72] LEE, HYEONJAE, KR  
[72] KIM, JINPIL, KR  
[72] SEO, DONGWAN, KR  
[72] MOON, KYOUNGSOO, KR  
[72] JI, AETTIE, KR  
[72] SEO, YOUNGJAE, KR  
[72] KIM, KYUNGHO, KR  
[72] PARK, SUNGOK, KR  
[73] LG ELECTRONICS INC., KR  
[85] 2013-04-09  
[86] 2011-11-24 (PCT/KR2011/009044)  
[87] (WO2012/070902)  
[30] US (61/417,196) 2010-11-24  
[30] US (61/490,067) 2011-05-26  
[30] US (61/526,685) 2011-08-24  
[30] US (61/549,238) 2011-10-20  
[30] US (61/549,237) 2011-10-20

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[11] **2,814,570**  
[13] C

[51] **Int.Cl. H04L 29/10 (2006.01) H04L 12/865 (2013.01) H04L 29/06 (2006.01)**  
[25] EN  
[54] **METHOD, SYSTEM AND APPARATUS FOR TRANSFERRING DATA VIA MORE THAN ONE COMMUNICATIONS INTERFACE**  
[54] **PROCEDE, SYSTEME ET APPAREIL POUR TRANSFERER DES DONNEES PAR LE BIAIS DE PLUSIEURS INTERFACES DE COMMUNICATION**  
[72] EWANCHUK, ANDREW JOHN, CA  
[72] MAY, DARRELL REGINALD, CA  
[72] RUSSELL, GRAHAM, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2814570)  
[87] (2814570)  
[22] 2013-05-02  
[30] EP (12167567.2) 2012-05-10

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[13] C

[51] **Int.Cl. H04L 12/58 (2006.01) G06Q 40/04 (2012.01) H04L 12/16 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR GENERATING AND PROVIDING DATA ALERTS**  
[54] **PROCEDE ET SYSTEME PERMETTANT DE GENERER ET DE TRANSMETTRE DES ALERTES DE DONNEES**  
[72] HANLON, ROBIN JULIE, CA  
[72] SPERANINI, SALVATORE, CA  
[73] GMARKETS INC., CA  
[85] 2013-05-09  
[86] 2012-01-17 (PCT/CA2012/000053)  
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[30] US (61/436,683) 2011-01-27

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[13] C

- [51] **Int.Cl. G06F 3/0488 (2013.01) G06F 3/0484 (2013.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETECTING A GESTURE**  
[54] **PROCEDE ET APPAREIL POUR DETECTER UN GESTE**  
[72] RYDENHAG, DANIEL TOBIAS, SE  
[72] JOHANSSON, PER AKE DANIEL, SE  
[72] ANDERSSON REIMER, NILS ROGER, SE  
[73] BLACKBERRY LIMITED, CA  
[86] (2816754)  
[87] (2816754)  
[22] 2013-05-22  
[30] EP (12169649.6) 2012-05-25

[11] **2,817,889**

[13] C

- [51] **Int.Cl. H04R 25/02 (2006.01) A61F 11/00 (2006.01) H04R 1/10 (2006.01)**  
[25] EN  
[54] **EXTERNAL EAR INSERT FOR HEARING COMPREHENSION ENHANCEMENT**  
[54] **INSERT AURICULAIRE EXTERIEUR PERMETTANT DE RENFORCER LA COMPREHENSION AUDITIVE**  
[72] KAH, CARL L. C., JR., US  
[73] KAH, CARL L. C., JR., US  
[86] (2817889)  
[87] (2817889)  
[22] 2003-05-12  
[62] 2,490,998  
[30] US (60/379,871) 2002-05-10

[11] **2,817,942**

[13] C

- [51] **Int.Cl. H04W 88/02 (2009.01) H01H 13/83 (2006.01) H01H 13/84 (2006.01)**  
[25] EN  
[54] **DEVICE, SYSTEM, AND METHOD FOR INFORMING USERS OF FUNCTIONS AND CHARACTERS ASSOCIATED WITH TELEPHONE KEYS**  
[54] **DISPOSITIF, SYSTEME ET METHODE PERMETTANT D'INFORMER LES UTILISATEURS AU SUJET DES FONCTIONS ET DES CARACTERES CORRESPONDANT A DES TOUCHES TELEPHONIQUES**  
[72] GRIFFIN, JASON T., CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2817942)  
[87] (2817942)  
[22] 2006-10-06  
[62] 2,562,972  
[30] US (60/724,458) 2005-10-07  
[30] EP (05257504.0) 2005-12-06

[11] **2,818,225**

[13] C

- [51] **Int.Cl. C07D 498/18 (2006.01) C07F 7/18 (2006.01)**  
[25] EN  
[54] **PROCESSES FOR PREPARATION OF EVEROLIMUS AND INTERMEDIATES THEREOF**  
[54] **PROCEDES DE PREPARATION D'EVEROLIMUS ET D'INTERMEDIAIRES DE CELUI-CI**  
[72] VENKATA, SRINIVAS PULLELA,, IN  
[72] EKAMBARAM, GANESH, IN  
[72] KOTHAKONDA, KIRAN KUMAR, IN  
[72] PRASAD, ANEGONDI SREENIVASA, IN  
[73] BIOCON LIMITED, IN  
[85] 2013-05-16  
[86] 2011-11-17 (PCT/IB2011/055156)  
[87] (WO2012/066502)  
[30] IN (3485/CHE/2010) 2010-11-19

[11] **2,819,349**

[13] C

- [51] **Int.Cl. B62D 6/00 (2006.01) B60G 3/28 (2006.01) B62D 5/04 (2006.01) B62D 7/18 (2006.01)**  
[25] EN  
[54] **VEHICLE, AND METHOD FOR STEERING CONTROL OF SAME**  
[54] **VEHICULE ET PROCEDE DE COMMANDE DE LA DIRECTION DE CELUI-CI**  
[72] KAGEYAMA, YUSUKE, JP  
[72] MIKURIYA, YUTAKA, JP  
[73] NISSAN MOTOR CO., LTD., JP  
[85] 2013-05-29  
[86] 2011-11-25 (PCT/JP2011/006586)  
[87] (WO2012/073469)  
[30] JP (2010-265680) 2010-11-29  
[30] JP (2011-232879) 2011-10-24

[11] **2,819,733**

[13] C

- [51] **Int.Cl. A61K 47/12 (2006.01) A61K 33/04 (2006.01) A61P 17/00 (2006.01)**  
[25] EN  
[54] **USE OF SELENITE-CONTAINING COMPOUNDS TO BE TOPICALLY OR BUCCALLY ADMINISTERED FOR TREATING OR PREVENTING SUNBURN**  
[54] **UTILISATION DE COMPOSES CONTENANT DU SELENITE POUR PRODUIRE UN AGENT A ADMINISTRER PAR VOIE TOPIQUE OU BUCCALE**  
[72] KUKLINSKI, BODO, DE  
[72] FUCHS, NORBERT, AT  
[72] KOSSLER, PETER, AT  
[73] SELO MEDICAL GMBH, AT  
[86] (2819733)  
[87] (2819733)  
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[62] 2,735,287  
[30] AT (A 1895/2001) 2001-12-04

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[13] C  
[51] **Int.Cl. B65D 5/52 (2006.01)**  
[25] EN  
[54] **A DUAL USE DISPLAY TRAY/CONTAINER**  
[54] **PLATEAU/CONTENANT DE PRESENTATION A DOUBLE USAGE**  
[72] LITTLE, TROY, US  
[73] YORK CONTAINER COMPANY, US  
[86] (2819747)  
[87] (2819747)  
[22] 2013-06-28  
[30] US (61/666/192) 2012-06-29

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[11] **2,820,574**  
[13] C  
[51] **Int.Cl. H04N 21/43 (2011.01) H04N 7/08 (2006.01)**  
[25] EN  
[54] **METHOD OF RECEIVING ENHANCED SERVICE AND VIDEO DISPLAY DEVICE THEREOF**  
[54] **PROCEDE DE RECEPTION DE SERVICE AMELIORE ET APPAREIL D'AFFICHAGE POUR CELUI-CI**  
[72] KIM, SANGHYUN, KR  
[72] SUH, JONGYEUL, KR  
[72] KIM, KWANSUK, KR  
[72] LEE, JOONHUI, KR  
[72] CHUNG, JAEHEE, KR  
[72] LEE, HYEONJAE, KR  
[72] KIM, JINPIL, KR  
[72] SEO, DONGWAN, KR  
[72] MOON, KYOUNGSOO, KR  
[72] JI, AETTIE, KR  
[72] SEO, YOUNGJAE, KR  
[72] KIM, KYUNGHO, KR  
[72] PARK, SUNGOK, KR  
[73] LG ELECTRONICS INC., KR  
[85] 2013-05-23  
[86] 2011-11-24 (PCT/KR2011/009043)  
[87] (WO2012/070901)  
[30] US (61/417,201) 2010-11-24  
[30] US (61/421,623) 2010-12-09  
[30] US (61/525,840) 2011-08-21  
[30] US (61/536,064) 2011-09-19  
[30] US (61/549,238) 2011-10-20  
[30] US (61/549,237) 2011-10-20

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[11] **2,821,086**  
[13] C  
[51] **Int.Cl. G01N 21/954 (2006.01)**  
[25] EN  
[54] **REMOTE VISUAL INSPECTION SYSTEM**  
[54] **SYSTEME D'INSPECTION VISUELLE A DISTANCE**  
[72] BRIGNAC, JACQUES L., US  
[72] LUCAS, ROBERT E., US  
[72] ROWLAND, GEORGE R., US  
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH  
[86] (2821086)  
[87] (2821086)  
[22] 2013-07-15  
[30] US (13/550,928) 2012-07-17

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[11] **2,822,016**  
[13] C  
[51] **Int.Cl. C07D 211/34 (2006.01)**  
[25] EN  
[54] **LOW-TEMPERATURE SYNTHESIS OF METHYLPHENIDATE HYDROCHLORIDE**  
[54] **SYNTHESE A BASSE TEMPERATURE DE CHLORHYDRATE DE METHYLPHENIDATE**  
[72] HUNTLEY, C. FREDERICK M., US  
[72] LA LUMIERE, KNICHOLAUS DUDLEY, US  
[72] REISCH, HELGE ALFRED, US  
[72] KATAISTO, ERIK WAYNE, US  
[73] RHODES TECHNOLOGIES, US  
[85] 2013-06-17  
[86] 2011-12-16 (PCT/IB2011/003140)  
[87] (WO2012/080834)  
[30] US (61/424,424) 2010-12-17

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[13] C  
[51] **Int.Cl. A61K 31/16 (2006.01) A61K 9/107 (2006.01) A61K 31/167 (2006.01) A61K 31/216 (2006.01) A61K 31/24 (2006.01) A61K 31/245 (2006.01) A61K 47/30 (2006.01) A61P 23/02 (2006.01)**  
[25] EN  
[54] **SOLID-FORMING LOCAL ANESTHETIC FORMULATIONS FOR PAIN CONTROL**  
[54] **FORMULATIONS POUR ANESTHESIE LOCALE SE SOLIDIFIANT POUR LA GESTION DE LA DOULEUR**  
[72] NIU, SUYI, US  
[72] HULL, WADE, US  
[72] ZHANG, JIE, US  
[73] CRESCITA THERAPEUTICS INC., CA  
[85] 2013-06-18  
[86] 2011-01-14 (PCT/US2011/021318)  
[87] (WO2011/088333)  
[30] US (61/294,927) 2010-01-14

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[11] **2,822,520**  
[13] C  
[51] **Int.Cl. H04W 48/16 (2009.01) H04W 76/02 (2009.01)**  
[25] EN  
[54] **USING IDENTIFIERS TO ESTABLISH COMMUNICATION**  
[54] **UTILISATION D'IDENTIFIANTS POUR ETABLIR UNE COMMUNICATION**  
[72] HORN, GAVIN BERNARD, US  
[72] AGASHE, PARAG ARUN, US  
[72] PRAKASH, RAJAT, US  
[72] GUPTA, RAJARSHI, US  
[72] KITAZOE, MASATO, US  
[72] TENNY, NATHAN EDWARD, US  
[72] FLORE, ORONZO, US  
[73] QUALCOMM INCORPORATED, US  
[86] (2822520)  
[87] (2822520)  
[22] 2008-11-14  
[62] 2,705,860  
[30] US (60/988,646) 2007-11-16  
[30] US (61/059,654) 2008-06-06  
[30] US (61/074,114) 2008-06-19  
[30] US (61/074,935) 2008-06-23  
[30] US (12/269,676) 2008-11-12

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[51] **Int.Cl. F24F 13/14 (2006.01) F04D 25/14 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR CONTROLLING AIR FLOW OF AN EXTRACTION FAN**  
[54] **APPAREIL ET METHODE DE REGULATION DU DEBIT D'AIR D'UN VENTILATEUR D'EXTRACTION**  
[72] LABRECQUE, ROBERT, CA  
[73] GROUPE RO-MAIN INC., CA  
[86] (2822971)  
[87] (2822971)  
[22] 2011-07-29  
[62] 2,748,452  
[30] CA (2725245) 2010-12-13  
[30] CA (2737208) 2011-04-12

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[11] **2,824,093**  
[13] C

[25] EN  
[54] **POLYMERIC PRODRUG WITH A SELF-IMMOLATIVE LINKER LIANT DE PROMEDICAMENT**  
[72] HERSEL, ULRICH, DE  
[72] RAU, HARALD, DE  
[72] SCHNEPF, ROBERT, DE  
[72] VETTER, DIRK, DE  
[72] WEGGE, THOMAS, DE  
[73] ASCENDIS PHARMA GMBH, DE  
[86] (2824093)  
[87] (2824093)  
[22] 2005-03-22  
[62] 2,602,705  
[30] EP (04075892.2) 2004-03-23  
[30] GB (0415043.9) 2004-07-05  
[30] EP (04019293.2) 2004-08-13

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[11] **2,824,828**  
[13] C

[51] **Int.Cl. E21B 7/02 (2006.01)**  
[25] EN  
[54] **A DRILLING RIG AND A METHOD FOR MOVING A DRILLING RIG**  
[54] **INSTALLATION DE FORAGE ET PROCEDE PERMETTANT DE DEPLACER UNE INSTALLATION DE FORAGE**  
[72] KONDOC, KAMERON WAYNE, CA  
[72] CALLAGHAN, JONATHAN DOUGLAS, CA  
[72] ANDERSON, TIMOTHY SCOTT, CA  
[73] NATIONAL OILWELL VARCO, L.P., US  
[86] (2824828)  
[87] (2824828)  
[22] 2009-05-15  
[62] 2,724,442  
[30] US (12/152,651) 2008-05-15

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[13] C

[51] **Int.Cl. F16G 11/14 (2006.01) F16B 45/00 (2006.01) F16G 11/00 (2006.01) F16G 11/04 (2006.01)**  
[25] EN  
[54] **SELF-LOCKING CLIP SYSTEMS AND METHODS**  
[54] **SYSTEMES D'ATTACHE A VERROUILLAGE AUTOMATIQUE ET PROCEDES ASSOCIES**  
[72] LEBEAU, MARK, US  
[73] NITE IZE, INC., US  
[85] 2013-07-17  
[86] 2012-01-19 (PCT/US2012/021858)  
[87] (WO2012/100046)  
[30] US (61/461,541) 2011-01-19

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[11] **2,825,392**  
[13] C

[51] **Int.Cl. C07F 7/10 (2006.01) A01N 55/10 (2006.01) A01P 13/00 (2006.01) C07F 7/18 (2006.01)**  
[25] EN  
[54] **6-AMINO-2-SUBSTITUTED-5-VINYLSILYLPYRIMIDINE-4-CARBOXYLIC ACIDS AND ESTERS AND 4-AMINO-6-SUBSTITUTED-3-VINYLSILYLPYRIDINE-2-CARBOXYLIC ACIDS AND ESTERS AS HERBICIDES**  
[54] **ACIDES ET ESTERS 6-AMINO-2-SUBSTITUES-5-VINYLSILYLPYRIMIDINE-4-CARBOXYLIQUES ET ACIDES ET ESTERS 4-AMINO-6-SUBSTITUTES-3-VINYLSILYLPYRIDINE-2-CARBOXYLIQUES UTILISES EN TANT QU'HERBICIDES**  
[72] ECKELBARGER, JOSEPH D., US  
[72] EPP, JEFFREY B., US  
[72] SCHMITZER, PAUL R., US  
[73] DOW AGROSCIENCES LLC, US  
[85] 2013-07-22  
[86] 2012-01-24 (PCT/US2012/022299)  
[87] (WO2012/103051)  
[30] US (61/435,955) 2011-01-25

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[11] **2,825,430**  
[13] C

[51] **Int.Cl. G01V 9/00 (2006.01) E21B 47/00 (2012.01) G06F 19/00 (2011.01)**  
[25] EN  
[54] **METHOD AND SYSTEMS OF DETERMINING VIABLE HYDRAULIC FRACTURE SCENARIOS**  
[54] **PROCEDE ET SYSTEMES DE DETERMINATION DE SCENARII DE FRACTURE HYDRAULIQUE VIABLES**  
[72] STROBEL, MARSHAL A., US  
[72] CARVAJAL, GUSTAVO, GB  
[72] SZATNY, MICHAEL, US  
[73] LANDMARK GRAPHICS CORPORATION, US  
[85] 2013-07-23  
[86] 2011-02-23 (PCT/US2011/025800)  
[87] (WO2012/115630)

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[11] **2,826,852**  
[13] C

[51] **Int.Cl. H01Q 1/50 (2006.01) H01T 4/04 (2006.01) H01T 4/08 (2006.01)**

[25] EN

[54] **MODULAR AND WEATHER RESISTANT OVERVOLTAGE PROTECTION SYSTEM FOR WIRELESS COMMUNICATION SYSTEMS**

[54] **SYSTEME DE PROTECTION CONTRE LES SURTENSIONS MODULAIRE ET RESISTANT AUX INTEMPERIES POUR LES SYSTEMES DE COMMUNICATION SANS FIL**

[72] MILLER, DOUGLAS WAYNE, US  
[72] SAMARAS, KONSTANTINOS, GR  
[72] RICHARDS, KELLY RAE, US  
[72] FRAGKOS, ANASTASIOS, GR  
[72] SULLIVAN, DANIEL JOSEPH, US  
[72] MARATHIAS, MEGAKLIS, GR  
[73] RAYCAP, S.A., GR

[85] 2013-08-08  
[86] 2011-12-13 (PCT/US2011/064717)  
[87] (WO2012/108930)  
[30] US (61/440,609) 2011-02-08  
[30] US (13/301,685) 2011-11-21

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[11] **2,827,195**  
[13] C

[51] **Int.Cl. B29C 45/46 (2006.01)**

[25] EN

[54] **PLASTICATING AND INJECTION DEVICE**

[54] **DISPOSITIF DE PLASTIFICATION ET D'INJECTION**

[72] BELZILE, MANON DANIELLE, US  
[73] HUSKY INJECTION MOLDING SYSTEMS LTD, CA

[85] 2013-08-12  
[86] 2012-03-08 (PCT/US2012/028152)  
[87] (WO2012/125380)  
[30] US (61/452,087) 2011-03-12

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[11] **2,828,285**  
[13] C

[51] **Int.Cl. B65D 21/032 (2006.01) B65D 43/03 (2006.01)**

[25] EN

[54] **STACKABLE CONTAINER SYSTEM**

[54] **SYSTEME DE CONTENANTS EMPILABLES**

[72] SORENSEN, STEVEN M., US  
[72] SORENSEN, KIM L., US  
[72] MEYERS, DAVID O., US  
[73] RUNWAY BLUE, LLC, US

[85] 2013-09-11  
[86] 2013-07-25 (PCT/US2013/052132)  
[87] (WO2014/055153)  
[30] US (13/633,864) 2012-10-02

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[11] **2,832,785**  
[13] C

[51] **Int.Cl. E21B 23/00 (2006.01) E21B 17/10 (2006.01)**

[25] EN

[54] **IMPROVED LIMIT COLLAR**

[54] **ANNEAU LIMITE AMELIORE**

[72] LEVIE, WILLIAM IAIN ELDER, US  
[73] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2013-10-09  
[86] 2012-04-25 (PCT/GB2012/000382)  
[87] (WO2012/146892)  
[30] US (13/093,242) 2011-04-25

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[11] **2,832,926**  
[13] C

[51] **Int.Cl. H01R 13/641 (2006.01) F16L 37/00 (2006.01) H01R 13/703 (2006.01)**

[25] EN

[54] **DEVICE FOR EFFECTING AND VERIFYING FULL MATING ENGAGEMENT BETWEEN A COUPLER AND A COMPLEMENTARY CORRESPONDING SOCKET AND METHOD THEREFOR**

[54] **DISPOSITIF POUR EFFECTUER ET VERIFIER UNE PRISE CONJUGUEE COMPLETE ENTRE UN COUPLEUR ET UNE DOUILLE CORRESPONDANTE COMPLEMENTAIRE ET PROCEDE DE CELUI-CI**

[72] RICHARDS, GAVIN VICTOR CHARLES, US  
[72] BAKER, SCOTT ALEXANDER, US  
[73] HONDA MOTOR CO., LTD., JP

[86] (2832926)  
[87] (2832926)  
[22] 2013-11-07

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[11] **2,833,059**  
[13] C

[51] **Int.Cl. G06Q 10/08 (2012.01) G06K 19/07 (2006.01)**

[25] EN

[54] **ITEM HANDLING AND TRACKING SYSTEM AND METHOD THEREFOR**

[54] **SYSTEME DE MANUTENTION ET DE SUIVI D'ARTICLES ET PROCEDE ASSOCIE**

[72] GATES, NICHOLAS JOHN, GB  
[72] LIMAYE, MANISH, US  
[72] POULARD, OLIVIER PIERRE, GB  
[72] MUHANNA, EMAD ELDEEN, US  
[72] CHETRIT, DANIEL EDMOND, US  
[72] ASEEM, DAYAL, US  
[72] NAICKER, PRAVIN, US  
[72] MAYA, MARIA PATRICIA, US  
[73] SITA INFORMATION NETWORKING COMPUTING USA, INC, US

[85] 2013-10-11  
[86] 2011-11-21 (PCT/EP2011/070551)  
[87] (WO2013/017179)  
[30] US (61/514,765) 2011-08-03

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[13] C

[51] **Int.Cl. F26B 3/18 (2006.01) F26B 13/04 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DEHYDRATING VENEER**  
[54] **PROCEDE ET APPAREIL POUR DESHYDRATER DU PLACAGE**  
[72] NOZAWA, YOSHIOKI, JP  
[72] SAKAMOTO, SHIN-ICHI, JP  
[73] MEINAN MACHINERY WORKS, INC., JP  
[86] (2833513)  
[87] (2833513)  
[22] 2013-11-14

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[11] **2,834,044**  
[13] C

[51] **Int.Cl. G01F 25/00 (2006.01) B67D 7/08 (2010.01)**  
[25] EN  
[54] **VAPOR ELIMINATION LIQUID PROVING SYSTEM WITH TOP OR BOTTOM FILL AND BOTTOM DRAIN PROVER**  
[54] **SYSTEME DE CALIBRAGE DE LIQUIDE A ELIMINATION DE VAPEUR AVEC APPAREIL DE CALIBRAGE A REMPLISSAGE PAR LE HAUT OU LE BAS ET EVACUATION PAR LE BAS**  
[72] MURNANE, ROBERT M., JR., US  
[72] BRADLEY, CHRISTOPHER LEWIS, US  
[72] OPPERMAN, HENRY VERNON, US  
[72] CLEMENS, DANIEL L., US  
[73] PEMBERTON FABRICATORS, INC., US  
[86] (2834044)  
[87] (2834044)  
[22] 2013-11-22  
[30] US (61/729,397) 2012-11-22  
[30] US (14/085,027) 2013-11-20

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[11] **2,835,153**  
[13] C

[51] **Int.Cl. C22C 38/00 (2006.01) B21D 53/88 (2006.01) C21D 9/46 (2006.01) C22C 38/12 (2006.01)**  
[25] EN  
[54] **VEHICLE COLLISION ENERGY ABSORBING MEMBER EXCELLENT IN ENERGY ABSORBING PERFORMANCE AND MANUFACTURING METHOD THEREFOR**  
[54] **ELEMENT D'ABSORPTION D'ENERGIE DE COLLISION D'UN VEHICULE PRESENTANT UN FORT POUVOIR D'ABSORPTION D'ENERGIE DE COLLISION, ET SON PROCEDE DE FABRICATION**  
[72] TAKAGI, SHUSAKU, JP  
[72] OKUDA, KANEHARU, JP  
[72] TAMAI, YOSHIKIYO, JP  
[72] FUJITA, TAKESHI, JP  
[72] OKITSU, YOSHITAKA, JP  
[72] NAITO, TADASHI, JP  
[72] TAKAKI, NAOKI, JP  
[72] SUGIURA, TOMOAKI, JP  
[73] JFE STEEL CORPORATION, JP  
[73] HONDA MOTOR CO., LTD., JP  
[85] 2013-11-05  
[86] 2012-04-23 (PCT/JP2012/002778)  
[87] (WO2012/153471)  
[30] JP (2011-107214) 2011-05-12  
[30] JP (2012-095957) 2012-04-19

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[11] **2,836,043**  
[13] C

[51] **Int.Cl. H04W 16/14 (2009.01) H04W 52/42 (2009.01)**  
[25] EN  
[54] **ANCHOR CARRIER IN A MULTIPLE CARRIER WIRELESS COMMUNICATION SYSTEM**  
[54] **PORTEUSE D'ANCRAGE DANS UN SYSTEME DE COMMUNICATION SANS FIL A MULTIPLES PORTEUSES**  
[72] DAMNJANOVIC, JELENA M., US  
[72] MONTOJO, JUAN, US  
[72] SARKAR, SANDIP, US  
[73] QUALCOMM INCORPORATED, US  
[86] (2836043)  
[87] (2836043)  
[22] 2009-08-10  
[62] 2,731,599  
[30] US (61/087,953) 2008-08-11  
[30] US (61/120,232) 2008-12-05  
[30] US (12/536,637) 2009-08-06

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[11] **2,836,114**  
[13] C

[51] **Int.Cl. C07C 303/22 (2006.01) G01N 30/72 (2006.01) G01N 33/483 (2006.01) C07K 1/107 (2006.01) G01N 27/00 (2006.01)**  
[25] EN  
[54] **METHOD OF DETECTION OF AMINO ACID SEQUENCE AND/OR IDENTIFICATION OF PEPTIDES AND PROTEINS, BY USE OF A NEW DERIVATIZATION REAGENT AND SYNTHESIS OF 5-FORMYL-BENZENE-1,3-DISULFONIC ACID AS DERIVATIZATION REAGENT**  
[54] **PROCEDE DE DETECTION D'UNE SEQUENCE D'ACIDES AMINES ET/OU D'IDENTIFICATION DE PEPTIDES ET DE PROTEINES A L'AIDE D'UN NOUVEAU REACTIF DE DERIVATISATION ET SYNTHESE D'ACIDE 5-FORMYL-BENZENE-L,3-DISULFONIQUE A TITRE DE REACTIF DE DERIVATISATION**  
[72] CINDRIC, MARIO, HR  
[72] HAMERSAK, ZDENKO, HR  
[72] DODIG, IVANA, HR  
[73] RUDJER BOSKOVIC INSTITUTE, HR  
[85] 2013-11-13  
[86] 2011-05-18 (PCT/HR2011/000019)  
[87] (WO2012/156764)

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[11] **2,836,156**  
[13] C

[51] **Int.Cl. G11C 11/44 (2006.01) G06N 99/00 (2010.01) H03K 19/195 (2006.01)**  
[25] EN  
[54] **PHASE QUBIT CELL HAVING ENHANCED COHERENCE**  
[54] **CELLULE DE QUBIT DE PHASE DOTE E D'UNE COHERENCE AMELIOREE**  
[72] LEWIS, RUPERT M., US  
[72] NAAMAN, OFER, US  
[73] NORTHROP GRUMMAN SYSTEMS CORPORATION, US  
[85] 2013-11-13  
[86] 2012-06-15 (PCT/US2012/042645)  
[87] (WO2012/174366)  
[30] US (13/162,683) 2011-06-17

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[11] **2,836,262**  
[13] C  
[51] **Int.Cl. G06F 17/30 (2006.01)**  
[25] EN  
[54] **FEED TRANSLATION FOR A SOCIAL NETWORK**  
[54] **TRADUCTION DE FIL D'ACTUALITES POUR UN RESEAU SOCIAL**  
[72] WREN, CHRISTOPHER R., US  
[72] AHARONY, NADAV, US  
[73] GOOGLE INC., US  
[85] 2013-11-14  
[86] 2012-05-21 (PCT/US2012/038845)  
[87] (WO2012/162244)  
[30] US (61/488,400) 2011-05-20  
[30] US (13/231,270) 2011-09-13

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[11] **2,838,189**  
[13] C  
[51] **Int.Cl. F16L 25/03 (2006.01) B29C 70/20 (2006.01) B29C 70/22 (2006.01) B29C 70/88 (2006.01) B64D 45/02 (2006.01) B64D 37/32 (2006.01)**  
[25] EN  
[54] **STATIC DISSIPATIVE FLUID CONVEYING COUPLER**  
[54] **COUPLEUR STATIQUE DE TRANSPORT DE FLUIDE DISSIPATIF**  
[72] COHEN, DAVID, US  
[72] BERG, ARVID J., US  
[72] IRWIN, JAMES P., US  
[73] THE BOEING COMPANY, US  
[85] 2013-12-03  
[86] 2012-05-10 (PCT/US2012/037358)  
[87] (WO2012/177334)  
[30] US (13/166,199) 2011-06-22

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[11] **2,838,592**  
[13] C  
[51] **Int.Cl. H02K 9/19 (2006.01) B60K 6/40 (2007.10) B60K 6/442 (2007.10) B60K 6/547 (2007.10) B60K 17/06 (2006.01) B60L 11/14 (2006.01) B60L 15/20 (2006.01) B60W 10/30 (2006.01) B60W 20/00 (2016.01)**  
[25] EN  
[54] **VEHICLE DRIVING DEVICE**  
[54] **DISPOSITIF D'ENTRAINEMENT DE VEHICULE**  
[72] HOSHINOYA, TAKESHI, JP  
[72] OOISO, KEIICHI, JP  
[73] HONDA MOTOR CO., LTD., JP  
[85] 2013-12-05  
[86] 2012-06-06 (PCT/JP2012/064583)  
[87] (WO2012/169542)  
[30] JP (2011-127533) 2011-06-07  
[30] JP (2011-143213) 2011-06-28

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[11] **2,838,606**  
[13] C  
[51] **Int.Cl. C08K 5/00 (2006.01) B65D 65/42 (2006.01) C08K 5/07 (2006.01) C08K 5/092 (2006.01) C09D 129/04 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRODUCING A COATED PACKAGING MATERIAL, AND PACKAGING MATERIAL HAVING AT LEAST ONE BARRIER LAYER FOR HYDROPHOBIC COMPOUNDS**  
[54] **PROCEDE DE FABRICATION D'UN MATERIAU D'EMBALLAGE MUNI D'UN REVETEMENT ET MATERIAU D'EMBALLAGE COMPORTANT AU MOINS UNE COUCHE BARRIERE POUR DES COMPOSES HYDROPHOBES**  
[72] ZISCHKA, MICHAEL, AT  
[72] SPANRING, JULIA, AT  
[72] REISCHL, MARTIN, AT  
[73] MAYR-MELNHOF KARTON AG, AT  
[85] 2013-12-06  
[86] 2012-06-08 (PCT/EP2012/060902)  
[87] (WO2012/168433)  
[30] EP (11169454.3) 2011-06-10

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[11] **2,840,825**  
[13] C  
[51] **Int.Cl. G01F 25/00 (2006.01)**  
[25] EN  
[54] **SELF-CALIBRATING LIQUID LEVEL TRANSMITTER**  
[54] **EMETTEUR A NIVEAU DE LIQUIDE A ETALONNAGE AUTOMATIQUE**  
[72] CALABRESE, RONALD V., US  
[73] LUMENITE CONTROL TECHNOLOGY INC., US  
[86] (2840825)  
[87] (2840825)  
[22] 2006-06-08  
[62] 2,611,321  
[30] US (60/595,135) 2005-06-08  
[30] US (11/423,090) 2006-06-08

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[11] **2,841,464**  
[13] C  
[51] **Int.Cl. G01N 21/89 (2006.01) G01B 11/30 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR SCANNING A SURFACE OF AN ARTICLE**  
[54] **APPAREIL ET PROCEDE POUR BALAYER UNE SURFACE D'UN ARTICLE**  
[72] COUTURIER, JEAN-PIERRE, CA  
[72] GAGNON, RICHARD, CA  
[72] DORVAL, GREGORY, CA  
[73] CENTRE DE RECHERCHE INDUSTRIELLE DU QUEBEC, CA  
[86] (2841464)  
[87] (2841464)  
[22] 2014-01-31  
[30] US (61/759755) 2013-02-01

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[11] **2,842,702**  
[13] C  
[51] **Int.Cl. H04L 1/18 (2006.01) H04L 5/00 (2006.01)**  
[25] EN  
[54] **ALLOCATING PHYSICAL HYBRID ARQ INDICATOR CHANNEL (PHICH) RESOURCES**  
[54] **ATTRIBUTION DE RESSOURCES DE CANAL PHYSIQUE INDICATEUR D'ARQ HYBRIDE (CANAL PHICH)**  
[72] CHEN, WANSHI, US  
[72] DAMNJANOVIC, JELENA M., US  
[72] MONTOJO, JUAN, US  
[73] QUALCOMM INCORPORATED, US  
[85] 2014-01-21  
[86] 2012-08-03 (PCT/US2012/049444)  
[87] (WO2013/020012)  
[30] US (61/514,757) 2011-08-03  
[30] US (13/565,704) 2012-08-02

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[11] **2,842,804**  
[13] C

[51] **Int.Cl. H04N 19/436 (2014.01) H04N 19/174 (2014.01) H04N 19/176 (2014.01) H04N 19/184 (2014.01)**  
[25] EN  
[54] **METHOD FOR INDEPENDENT DECODING OF VIDEO SLICES AND BYTE-ALIGNED TILES**  
[54] **METHODE DE DECODAGE INDEPENDANT DE TRANCHES DE VIDEO ET DE TUILES ALIGNEES SUR LES OCTETS**  
[72] SEGALL, CHRISTOPHER ANDREW, US  
[72] MISRA, KIRAN, US  
[73] SHARP KABUSHIKI KAISHA, JP  
[85] 2014-01-22  
[86] 2012-07-30 (PCT/JP2012/069924)  
[87] (WO2013/018909)  
[30] US (13/194,677) 2011-07-29

[11] **2,844,605**  
[13] C

[51] **Int.Cl. H04N 7/08 (2006.01) H04N 7/173 (2011.01)**  
[25] EN  
[54] **METHOD FOR TRANSMITTING BROADCAST SERVICE, METHOD FOR RECEIVING BROADCAST SERVICE, AND APPARATUS FOR RECEIVING BROADCAST SERVICE**  
[54] **PROCEDE D'EMISSION DE SERVICE DE RADIODIFFUSION, PROCEDE DE RECEPTION DE SERVICE DE RADIODIFFUSION ET APPAREIL POUR RECEVOIR UN SERVICE DE RADIODIFFUSION**  
[72] MOON, KYOUNGSOO, KR  
[72] LEE, HYEONJAE, KR  
[72] KIM, KYUNGHO, KR  
[72] LEE, JOONHUI, KR  
[73] LG ELECTRONICS INC., KR  
[85] 2014-02-06  
[86] 2012-08-10 (PCT/KR2012/006392)  
[87] (WO2013/022309)  
[30] US (61/521,767) 2011-08-10

[11] **2,844,649**  
[13] C

[51] **Int.Cl. B01D 41/04 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR CLEANING AIR FILTERS**  
[54] **APPAREIL ET PROCEDE POUR LE NETTOYAGE DE FILTRES A AIR**  
[72] GRIEVE, DENNIS, US  
[73] GRIEVE, DENNIS, US  
[73] GITA GREEN, INC., US  
[85] 2014-02-06  
[86] 2011-08-10 (PCT/US2011/047180)  
[87] (WO2013/022441)

[11] **2,845,176**  
[13] C

[51] **Int.Cl. B01D 11/04 (2006.01) C08J 11/00 (2006.01) C08L 91/00 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR RECOVERING SYNTHETIC OILS FROM COMPOSITE OIL STREAMS**  
[54] **PROCEDE ET APPAREIL POUR RECUPERER DES HUILES SYNTHETIQUES A PARTIR DE FLUX D'HUILES COMPOSITES**  
[72] MACDONALD, MARTIN R., US  
[73] VEROLUBE, INC., CA  
[86] (2845176)  
[87] (2845176)  
[22] 2014-03-03  
[30] US (61/774,027) 2013-03-07  
[30] US (61/774,037) 2013-03-07  
[30] US (14/169,113) 2014-01-30  
[30] US (PCT/US2014/13958) 2014-01-30

[11] **2,845,773**  
[13] C

[51] **Int.Cl. F25B 21/02 (2006.01) F25B 21/00 (2006.01)**  
[25] EN  
[54] **VEHICLE REFRIGERATOR HAVING A LIQUID LINE SUBCOOLED VAPOR CYCLE SYSTEM**  
[54] **REFRIGERATEUR POUR VEHICULE COMPRENANT UN SYSTEME A CYCLES DE VAPEUR SOUS-REFROIDI MUNI D'UNE CONDUITE DE LIQUIDE**  
[72] LU, QIAO, US  
[73] B/E AEROSPACE, INC., US  
[85] 2014-02-18  
[86] 2012-08-23 (PCT/US2012/052065)  
[87] (WO2013/028864)  
[30] US (13/215,456) 2011-08-23

[11] **2,845,825**  
[13] C

[51] **Int.Cl. E21B 43/26 (2006.01)**  
[25] EN  
[54] **METHOD FOR DETERMINING FRACTURE SPACING AND WELL FRACTURING USING THE METHOD**  
[54] **PROCEDE PERMETTANT DE DETERMINER L'ESPACEMENT DE FISSURES ET DEVELOPPEMENT PAR FRACTURATION UTILISANT LEDIT PROCEDE**  
[72] JO, HYUNIL, US  
[73] BAKER HUGHES INCORPORATED, US  
[85] 2014-02-19  
[86] 2012-08-28 (PCT/US2012/052668)  
[87] (WO2013/039689)  
[30] US (61/534,702) 2011-09-14  
[30] US (13/595,634) 2012-08-27

[11] **2,846,003**  
[13] C

[51] **Int.Cl. H01M 8/04007 (2016.01) H01M 8/04701 (2016.01)**  
[25] EN  
[54] **FUEL CELL SYSTEM WITH PUMP FLOW CONTROL**  
[54] **DISPOSITIF DE PILE A COMBUSTIBLE COMPORTANT UNE COMMANDE DE DEBIT DE POMPE**  
[72] CHIKUGO, HAYATO, JP  
[72] NISHIMURA, HIDETAKA, JP  
[73] NISSAN MOTOR CO., LTD., JP  
[85] 2014-02-20  
[86] 2012-08-02 (PCT/JP2012/069667)  
[87] (WO2013/031470)  
[30] JP (2011-191814) 2011-09-02

[11] **2,846,243**  
[13] C

[51] **Int.Cl. E21B 43/01 (2006.01)**  
[25] EN  
[54] **DIVERTER SPOOL AND METHODS OF USING THE SAME**  
[54] **BOBINE DE DEFLECTEUR ET SES PROCEDES D'UTILISATION**  
[72] DERR, DOUGLAS N., US  
[72] LJUNGDAHL, PATRICK M., US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2014-02-21  
[86] 2012-08-24 (PCT/US2012/052342)  
[87] (WO2013/032930)  
[30] US (13/224,004) 2011-09-01

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[11] **2,846,550**  
[13] C

[51] **Int.Cl. E21B 15/00 (2006.01) E04H 12/18 (2006.01) E21B 7/02 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR AND METHOD OF FOLDING A MAST OR DERRICK**  
[54] **APPAREIL ET PROCÉDE POUR Plier un mat ou une tour de forage**  
[72] VOGT, DEWAYNE G., US  
[73] WOOLSLAYER COMPANIES, INC., US  
[86] (2846550)  
[87] (2846550)  
[22] 2014-03-14  
[30] US (13/839,089) 2013-03-15

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[11] **2,848,112**  
[13] C

[51] **Int.Cl. H04W 4/24 (2009.01) H04W 4/26 (2009.01) H04W 8/18 (2009.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SERVICE ACTIVATION IN MOBILE NETWORK BILLING**  
[54] **SYSTÈME ET PROCÉDE D'ACTIVATION DE SERVICE DANS LA FACTURATION D'UN RESEAU MOBILE**  
[72] LAZARIDIS, MIHAL, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2848112)  
[87] (2848112)  
[22] 2005-11-29  
[62] 2,589,686  
[30] US (60/631,195) 2004-11-29

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[11] **2,848,835**  
[13] C

[51] **Int.Cl. E21C 35/24 (2006.01) E21C 33/00 (2006.01) E21C 35/08 (2006.01) G08G 1/123 (2006.01)**  
[25] EN  
[54] **MANAGEMENT SYSTEM AND MANAGEMENT METHOD OF MINING MACHINE**  
[54] **SYSTÈME DE GESTION ET PROCÉDE DE GESTION POUR MACHINE DE MINE**  
[72] SUGIHARA, MOTOHIDE, JP  
[72] HORI, KOUTAROU, JP  
[73] KOMATSU LTD., JP  
[85] 2014-04-09  
[86] 2013-08-30 (PCT/JP2013/073381)  
[87] (WO2015/029228)

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[11] **2,847,691**  
[13] C

[51] **Int.Cl. B64D 11/04 (2006.01) A47B 77/18 (2006.01) B65F 1/00 (2006.01)**  
[25] EN  
[54] **AIRCRAFT WASTE BIN EXTRACTOR**  
[54] **EXTRACTEUR DE POUCELLE POUR AVION**  
[72] WILKINSON, MICHAEL, GB  
[72] MORTIMER, HAYLAY, GB  
[73] B/E AEROSPACE, INC., US  
[85] 2014-03-04  
[86] 2012-09-12 (PCT/US2012/054796)  
[87] (WO2013/039995)  
[30] US (61/534,198) 2011-09-13  
[30] US (13/606,832) 2012-09-07

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[11] **2,848,309**  
[13] C

[51] **Int.Cl. F03G 7/06 (2006.01) F16B 1/00 (2006.01)**  
[25] EN  
[54] **EXPANDABLE MEMBER AND METHOD OF MAKING THE SAME**  
[54] **ELEMENT EXPANSIBLE ET PROCÉDE DE FABRICATION DE CE DERNIER**  
[72] BEELER, RICHARD M., US  
[73] ALCOA INC., US  
[85] 2014-03-10  
[86] 2012-09-11 (PCT/US2012/054644)  
[87] (WO2013/039901)  
[30] US (61/533,316) 2011-09-12

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[11] **2,849,317**  
[13] C

[51] **Int.Cl. G01B 11/16 (2006.01) E21B 47/00 (2012.01) G01L 1/24 (2006.01)**  
[25] EN  
[54] **MONITORING STRUCTURAL SHAPE OR DEFORMATIONS WITH HELICAL-CORE OPTICAL FIBER**  
[54] **SURVEILLANCE D'UNE FORME STRUCTURELLE OU DE DEFORMATIONS AU MOYEN D'UNE FIBRE OPTIQUE A AME HELICOIDALE**  
[72] DUNCAN, ROGER G., US  
[72] CHILDERS, BROOKS A., US  
[72] HALL, TRAVIS S., US  
[73] BAKER HUGHES INCORPORATED, US  
[85] 2014-03-19  
[86] 2012-09-07 (PCT/US2012/054084)  
[87] (WO2013/055465)  
[30] US (61/546,319) 2011-10-12

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[11] **2,847,896**  
[13] C

[51] **Int.Cl. B26B 21/40 (2006.01)**  
[25] EN  
[54] **GUARD FOR A SHAVING RAZOR PROTECTION POUR UN RASOIR DE RASAGE**  
[72] WAIN, KEVIN JAMES, GB  
[72] WESTER, CHRISTIAN REBER, US  
[73] THE GILLETTE COMPANY, US  
[85] 2014-03-05  
[86] 2012-09-28 (PCT/US2012/057833)  
[87] (WO2013/049514)  
[30] US (61/541,692) 2011-09-30

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[11] **2,848,445**  
[13] C

[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/02 (2006.01)**  
[25] EN  
[54] **DEVICE AND METHOD FOR TREATMENT OF HEART VALVE REGURGITATION**  
[54] **DISPOSITIF ET PROCÉDE DE TRAITEMENT DE LA REGURGITATION VALVULAIRE**  
[72] ZAKAY, AVRAHAM, IL  
[72] ROTTENBERG, DAN, IL  
[72] MISHALY, DAVID, IL  
[72] ALON, DAVID, IL  
[73] EDWARDS LIFESCIENCES AG, CH  
[86] (2848445)  
[87] (2848445)  
[22] 2005-09-14  
[62] 2,580,053  
[30] US (60/609,345) 2004-09-14  
[30] US (60/657,919) 2005-03-03

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[11] **2,850,137**  
[13] C

[51] **Int.Cl. C07D 401/06 (2006.01) A61K 31/416 (2006.01) A61K 31/4162 (2006.01) A61P 35/00 (2006.01) C07D 235/04 (2006.01) C07D 401/14 (2006.01) C07D 403/06 (2006.01) C07D 403/10 (2006.01) C07D 403/14 (2006.01) C07D 409/10 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01)**

[25] EN

[54] **PROTEIN KINASE INHIBITORS (VARIANTS), USE THEREOF IN TREATING ONCOLOGICAL DISEASES AND A PHARMACEUTICAL COMPOSITION BASED THEREON**

[54] **INHIBITEURS DE PROTEINES KINASES (VARIANTES), LEUR UTILISATION DANS LE TRAITEMENT DE MALADIES ONCOLOGIQUES ET COMPOSITION PHARMACEUTIQUE OBTENUE A PARTIR DE CEUX-CI**

[72] CHILOV, GERMES GRIGORIEVICH, RU

[72] TITOV, ILYA YURIEVICH, RU

[73] OBSCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYOU "FUSION PHARMA", RU

[85] 2014-03-21

[86] 2012-05-29 (PCT/RU2012/000423)

[87] (WO2012/173521)

[30] RU (2011124304) 2011-06-16

[11] **2,850,195**  
[13] C

[51] **Int.Cl. C22C 38/06 (2006.01) B21B 1/26 (2006.01) B21B 3/00 (2006.01) C21D 8/02 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C23C 2/06 (2006.01) C23C 2/28 (2006.01) C23C 2/40 (2006.01)**

[25] EN

[54] **HIGH-STRENGTH HOT-DIP GALVANIZED STEEL SHEET EXCELLENT IN IMPACT RESISTANCE PROPERTY AND MANUFACTURING METHOD THEREOF, AND HIGH-STRENGTH ALLOYED HOT-DIP GALVANIZED STEEL SHEET AND MANUFACTURING METHOD THEREOF**

[54] **FEUILLE D'ACIER GALVANISE PAR IMMERSION A CHAUD ET A HAUTE RESISTANCE QUI PRESENTE UNE EXCELLENTE RESISTANCE AUX CHOCS ET PROCEDE DE PRODUCTION DE CETTE DERNIERE ET FEUILLE D'ACIER GALVANISE PAR IMMERSION A CHAUD ALLIEE ET A HAUTE RESISTANCE ET PROCEDE DE PRODUCTION CORRESPONDANT**

[72] KAWATA, HIROYUKI, JP

[72] MARUYAMA, NAOKI, JP

[72] MURASATO, AKINOBU, JP

[72] MINAMI, AKINOBU, JP

[72] YASUI, TAKESHI, JP

[72] KUWAYAMA, TAKUYA, JP

[72] BAN, HIROYUKI, JP

[72] HIRAMATSU, KAORU, JP

[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2014-03-26

[86] 2012-09-28 (PCT/JP2012/075098)

[87] (WO2013/047755)

[30] JP (2011-218774) 2011-09-30

[11] **2,850,458**  
[13] C

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 3/10 (2006.01) A61P 9/10 (2006.01) A61P 27/06 (2006.01)**

[25] EN

[54] **[1,2,3] TRIAZOLO [4,5-D] PYRIMIDINE DERIVATIVES AS AGONISTS OF THE CANNABINOID RECEPTOR 2**

[54] **DERIVES DE [1,2,3]TRIAZOLO[4,5-D]PYRIMIDINE COMME AGONISTES DU RECEPTEUR CANNABINOIDE 2**

[72] ADAM, JEAN-MICHEL, FR

[72] BISSANTZ, CATERINA, FR

[72] GREETHER, UWE, DE

[72] KIMBARA, ATSUSHI, JP

[72] NETTEKOVEN, MATTHIAS, DE

[72] ROEVER, STEPHAN, DE

[72] ROGERS-EVANS, MARK, CH

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

[85] 2014-03-28

[86] 2012-11-05 (PCT/EP2012/071788)

[87] (WO2013/068306)

[30] EP (11188333.6) 2011-11-08

[11] **2,850,529**  
[13] C

[51] **Int.Cl. H01Q 9/04 (2006.01) H01Q 21/00 (2006.01)**

[25] EN

[54] **AN ACTIVE ELECTRONICALLY SCANNED ARRAY (AESA) CARD**

[54] **CARTE A ENSEMBLE ACTIF A BALAYAGE ELECTRONIQUE (AESA)**

[72] PUZELLA, ANGELO M., US

[72] DUPUIS, PATRICIA S., US

[72] LEMMLER, CRAIG C., US

[72] BOZZA, DONALD A., US

[72] BELLAHROSSI, KASSAM K., US

[72] ROBBINS, JAMES A., US

[72] FRANCIS, JOHN B., US

[73] RAYTHEON COMPANY, US

[85] 2014-03-28

[86] 2012-10-30 (PCT/US2012/062542)

[87] (WO2013/074284)

[30] US (13/295,437) 2011-11-14

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[11] **2,851,287**  
[13] C

[51] **Int.Cl. C22B 1/24 (2006.01) C22B 1/16 (2006.01) C22B 5/06 (2006.01)**

[25] EN

[54] **PROCESS FOR THE MANUFACTURE OF FERROCHROME**

[54] **PROCEDE POUR LA FABRICATION DE FERROCHROME**

[72] KROGERUS, HELGE, FI

[72] MAKELA, PASI, FI

[73] OUTOTEC OYJ, FI

[85] 2014-04-07

[86] 2011-11-15 (PCT/EP2011/070133)

[87] (WO2013/071955)

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[11] **2,851,816**  
[13] C

[51] **Int.Cl. G02C 7/16 (2006.01)**

[25] EN

[54] **EYEWEAR ASSEMBLY WITH SIDE SHIELDS ATTACHABLE TO INNER SURFACES OF TEMPLES**

[54] **ENSEMBLE LUNETTES AVEC ECRANS LATERAUX FIXABLES SUR LA SURFACE INTERNE DES BRANCHES**

[72] SADLER, THOMAS M., US

[72] LENNOX, MICHAEL D., US

[73] THE HILSINGER COMPANY, US

[86] (2851816)

[87] (2851816)

[22] 2014-05-13

[30] US (61/824,153) 2013-05-16

[30] US (14/209,173) 2014-03-13

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[11] **2,853,215**  
[13] C

[51] **Int.Cl. B61F 5/44 (2006.01) B61F 5/46 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR STEERING TRUCK OF RAILWAY VEHICLE, AND TRUCK**

[54] **PROCEDE ET DISPOSITIF DE DIRECTION DE BOGIE DE VEHICULE FERROVIAIRE ET BOGIE**

[72] OZAKI, TAKUYA, JP

[72] IWATO, KAZUNORI, JP

[72] KIKKO, SATOSHI, JP

[72] TOKUNAGA, SATOSHI, JP

[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2014-04-23

[86] 2012-05-22 (PCT/JP2012/063037)

[87] (WO2013/061641)

[30] JP (2011-235284) 2011-10-26

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[11] **2,853,344**  
[13] C

[51] **Int.Cl. B01J 19/00 (2006.01) B01J 37/00 (2006.01) B01J 38/00 (2006.01) B32B 3/26 (2006.01)**

[25] EN

[54] **INTEGRATED COMBUSTION REACTORS AND METHODS OF CONDUCTING SIMULTANEOUS ENDOTHERMIC AND EXOTHERMIC REACTIONS**

[54] **REACTEURS DE COMBUSTION INTEGRES ET PROCEDES POUR METTRE EN OEUVRE SIMULTANEMENT DES REACTIONS ENDOTHERMES ET EXOTHERMES**

[72] QIU, DONG MING, US

[72] SCHMIDT, MATTHEW B., US

[72] PERRY, STEVEN T., US

[72] FITZGERALD, SEAN P., US

[72] HESSE, DAVID J., US

[72] GANO, NATHAN P., US

[72] LONG, RICHARD Q., US

[72] ROGERS, WM ALLEN, US

[72] ARORA, RAVI, US

[72] YUSCHAK, THOMAS D., US

[72] FORTE, THOMAS, US

[72] MONAHAN, JOHN ARTHUR, US

[72] JETTER, ROBERT, US

[72] SIMMONS, WAYNE W., US

[72] YANG, BARRY L., US

[72] KUHLMANN, DAVID J., US

[72] WANG, YONG, US

[72] LUZENSKI, ROBERT J., US

[72] CHADWELL, G. BRADLEY, US

[72] PENG, YING, US

[72] MATHIAS, JAMES A., US

[72] TONKOVICH, ANNA LEE, US

[72] ROBERTS, GARY, US

[72] NEAGLE, PAUL W., US

[73] VELOCYS, INC., US

[86] (2853344)

[87] (2853344)

[22] 2003-08-04

[62] 2,495,335

[30] US (10/222,196) 2002-08-15

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[11] **2,853,698**  
[13] C

[51] **Int.Cl. C02F 1/66 (2006.01) C02F 5/08 (2006.01) F22D 5/00 (2006.01)**

[25] EN

[54] **METHODS FOR REDUCING SCALE FORMATION ON AND REMOVING DEPOSITS FROM HEAT TRANSFER SURFACES**

[54] **PROCEDES POUR REDUIRE LA FORMATION DE TARTRE SUR LES SURFACES DE TRANSFERT THERMIQUE ET EN ELIMINER LES DEPOTS**

[72] RICHARDSON, JOHN, US

[72] BEDINGER, ROB, US

[72] WILKINS, JAMES, US

[73] CHEMTREAT, INC., US

[85] 2014-04-25

[86] 2011-11-21 (PCT/US2011/061743)

[87] (WO2012/068590)

[30] US (61/415,798) 2010-11-19

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[11] **2,854,520**  
[13] C

[51] **Int.Cl. A01N 25/32 (2006.01) A01N 37/40 (2006.01) A01N 41/10 (2006.01) A01N 43/80 (2006.01) A01N 47/36 (2006.01) A01P 13/00 (2006.01)**

[25] EN

[54] **CULTIGEN-COMPATIBLE HERBICIDAL AGENTS CONTAINING HERBICIDES AND ACYLSULFAMOYL BENZAMIDE SAFENERS**

[54] **PRODUITS HERBICIDES COMPATIBLES AVEC LES PLANTES DE CULTURE ET CONTENANT DES HERBICIDES ET DES PHYTOPROTECTEURS AMIDE D'ACIDE ACYLSULFAMOYL BENZOIQUE**

[72] ROSINGER, CHRISTOPHER, DE

[72] EVANS, PAUL, DE

[72] HACKER, ERWIN, DE

[73] BAYER INTELLECTUAL PROPERTY GMBH, DE

[86] (2854520)

[87] (2854520)

[22] 2006-06-27

[62] 2,614,221

[30] DE (10 2005 031 787.1) 2005-07-07

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[11] **2,855,999**  
[13] C

[51] **Int.Cl. C08G 77/20 (2006.01) C08L 83/04 (2006.01) C09D 183/04 (2006.01) C09J 183/04 (2006.01)**

[25] EN

[54] **LOW-CHLORIDE COMPOSITIONS OF OLEFINICALLY FUNCTIONALIZED SILOXANE OLIGOMERS BASED ON ALKOXYSILANES**

[54] **COMPOSITIONS A FAIBLE TENEUR EN CHLORURE D'OLIGOMERES SILOXANE A FONCTIONNALITE OLEFINIQUE, A BASE D'ALCOXYSILANES**

[72] STANDKE, BURKHARD, DE

[72] WEISSENBACH, KERSTIN, US

[72] MONKIEWICZ, JAROSLAW, DE

[72] ROTH, SVEN, DE

[72] NOWITZKI, BERND, DE

[73] EVONIK DEGUSSA GMBH, DE

[85] 2014-05-15

[86] 2012-11-19 (PCT/EP2012/072964)

[87] (WO2013/076032)

[30] DE (10 2011 086 865.8) 2011-11-22

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[11] **2,857,277**  
[13] C

[51] **Int.Cl. B08B 9/093 (2006.01) A47L 15/00 (2006.01) C11D 3/00 (2006.01) C11D 7/00 (2006.01) C11D 11/00 (2006.01)**

[25] EN

[54] **CONCENTRATED WAREWASHING COMPOSITIONS AND METHODS**

[54] **COMPOSITIONS DE LAVAGE DE VAISSELLE CONCENTREES ET PROCEDES**

[72] MONSRUD, LEE J., US

[72] LANGE, STEVEN J., US

[72] MIRALLES, ALTONY J., US

[72] RISCHMILLER, MICHAEL S., US

[73] ECOLAB USA INC., US

[85] 2014-05-28

[86] 2012-05-18 (PCT/IB2012/052521)

[87] (WO2013/088266)

[30] US (61/569,898) 2011-12-13

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[11] **2,859,420**  
[13] C

[51] **Int.Cl. F16C 19/52 (2006.01) B61B 12/00 (2006.01) F16C 19/55 (2006.01)**

[25] EN

[54] **EMERGENCY BEARING MECHANISM**

[54] **PALIER A FONCTION D'URGENCE**

[72] PRIMUS, GUNTHER, AT

[72] SCHMIDINGER, KLAUS, AT

[73] INNOVA PATENT GMBH, AT

[85] 2014-06-16

[86] 2013-09-09 (PCT/AT2013/000145)

[87] (WO2014/040096)

[30] AT (A 1001/2012) 2012-09-13

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[11] **2,859,626**  
[13] C

[51] **Int.Cl. G01N 29/02 (2006.01)**

[25] EN

[54] **OBJECT CHARACTERISTICS MEASUREMENT APPARATUS**

[54] **APPAREIL DE MESURE DES CARACTERISTIQUES DES OBJETS**

[72] YOSHIMURA, NAOYUKI, JP

[72] YATSUDA, HIROMI, JP

[73] JAPAN RADIO CO., LTD., JP

[85] 2014-06-17

[86] 2012-12-14 (PCT/JP2012/082504)

[87] (WO2013/094531)

[30] JP (2011-281603) 2011-12-22

[30] JP (2012-232060) 2012-10-19

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[11] **2,859,812**  
[13] C

[51] **Int.Cl. B65G 67/02 (2006.01)**

[25] EN

[54] **LATCH SYSTEM**

[54] **SYSTEME DE VERROUILLAGE**

[72] WILLIAMS, PATRICK G., US

[73] CURRENTWRX LLC, US

[86] (2859812)

[87] (2859812)

[22] 2014-08-19

[30] US (61/867,432) 2013-08-19

[30] US (14/461,522) 2014-08-18

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[11] **2,860,275**  
[13] C

[51] **Int.Cl. E21B 43/40 (2006.01) E21B 43/24 (2006.01)**  
[25] EN  
[54] **OIL RECOVERY PROCESS INCLUDING A HIGH SOLIDS CRYSTALLIZER FOR TREATING EVAPORATOR BLOWDOWN**  
[54] **PROCEDE DE RECUPERATION D'HYDROCARBURE INCLUANT UN CRISTALLISEUR DE SOLIDES DESTINE AU TRAITEMENT DE VIDANGE D'EVAPORATEUR**  
[72] SCHOOLEY, KAREN, US  
[72] BOURDREAU, DONALD, US  
[73] VEOLIA WATER TECHNOLOGIES, INC., US  
[86] (2860275)  
[87] (2860275)  
[22] 2014-08-21  
[30] US (62/006,580) 2014-06-02

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[11] **2,860,277**  
[13] C

[51] **Int.Cl. E21B 43/40 (2006.01) C02F 1/04 (2006.01) C02F 1/66 (2006.01) C02F 5/08 (2006.01) E21B 43/24 (2006.01)**  
[25] EN  
[54] **OIL RECOVERY PROCESS INCLUDING ENHANCED SOFTENING OF PRODUCED WATER**  
[54] **PROCEDE DE RECUPERATION D'HYDROCARBURE INCLUANT L'ADOUCCISSEMENT AMELIOREE DE L'EAU PRODUITE**  
[72] SCHOOLEY, KAREN, US  
[72] GAMACHE, DAVID, US  
[73] VEOLIA WATER TECHNOLOGIES, INC., US  
[86] (2860277)  
[87] (2860277)  
[22] 2014-08-21  
[30] US (62/006,620) 2014-06-02

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[11] **2,860,451**  
[13] C

[51] **Int.Cl. C25C 3/28 (2006.01)**  
[25] EN  
[54] **THERMAL AND ELECTROCHEMICAL PROCESS FOR METAL PRODUCTION**  
[54] **PROCEDE THERMIQUE ET ELECTROCHIMIQUE DE PRODUCTION DE METAUX**  
[72] WITHERS, JAMES C., US  
[72] LOUTFY, RAOUF O., US  
[73] MATERIALS & ELECTROCHEMICAL RESEARCH CORP., US  
[86] (2860451)  
[87] (2860451)  
[22] 2004-08-18  
[62] 2,782,837  
[30] US (60/496,981) 2003-08-20  
[30] US (10/828,641) 2004-04-21

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[11] **2,860,972**  
[13] C

[51] **Int.Cl. B65G 13/071 (2006.01) B65G 13/08 (2006.01) B65G 39/02 (2006.01) B65G 39/12 (2006.01)**  
[25] EN  
[54] **CURVED ROLLER CONVEYOR WITH CASING ELEMENT AND DRIVE SLEEVE**  
[54] **CONVOYEUR A ROULEAUX INCURVE AVEC ELEMENT DE BOITIER ET MANCHON D'ENTRAINEMENT**  
[72] WOLTERS, THOMAS, DE  
[72] DUDEK, SIEGMUND, DE  
[73] INTERROLL HOLDING AG, CH  
[86] (2860972)  
[87] (2860972)  
[22] 2012-05-31  
[62] 2,817,053  
[30] DE (10 2011 104 190.0) 2011-06-14

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[11] **2,860,992**  
[13] C

[51] **Int.Cl. F16D 43/18 (2006.01)**  
[25] EN  
[54] **ELECTROMAGNETIC DRIVING DEVICE AND METHODS FOR MANUFACTURING AND CONTROLLING SAME**  
[54] **DISPOSITIF D'ENTRAINEMENT ELECTROMAGNETIQUE ET SES PROCEDES DE FABRICATION ET DE COMMANDE**  
[72] WANG, ZHAOYU, CN  
[72] XING, ZIYI, CN  
[72] LI, DIANYUN, CN  
[73] LONGKOU ZHONGYU MACHINERY CO., LTD., CN  
[85] 2014-07-11  
[86] 2012-01-11 (PCT/CN2012/070226)  
[87] (WO2013/104117)

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[11] **2,861,299**  
[13] C

[51] **Int.Cl. H03H 17/02 (2006.01)**  
[25] EN  
[54] **LOW DELAY REAL-TO-COMPLEX CONVERSION IN OVERLAPPING FILTER BANKS FOR PARTIALLY COMPLEX PROCESSING**  
[54] **CONVERSION REEL/COMPLEXE A FAIBLE RETARD DANS DES BANCS DE FILTRES SE CHEVAUCHANT POUR UN TRAITEMENT PARTIELLEMENT COMPLEXE**  
[72] VILLEMoes, LARS, SE  
[72] MUNDT, HARALD, DE  
[73] DOLBY INTERNATIONAL AB, NL  
[85] 2014-07-15  
[86] 2013-02-22 (PCT/EP2013/053607)  
[87] (WO2013/124443)  
[30] US (61/602,848) 2012-02-24  
[30] US (61/622,389) 2012-04-10

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[11] **2,861,561**  
[13] C

- [51] **Int.Cl. H04W 76/00 (2009.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRIORITY MONITORING OF COMMUNICATION GROUPS OVER MULTIPLE DISPARATE WIRELESS NETWORKS**  
[54] **PROCEDE ET APPAREIL DE SURVEILLANCE DE PRIORITE DE GROUPES DE COMMUNICATION SUR DE MULTIPLES RESEAUX SANS FIL DISPARATES**  
[72] GOVIND, REMA, US  
[72] LOEGER, DANIEL R., US  
[73] MOTOROLA SOLUTIONS, INC., US  
[85] 2014-06-25  
[86] 2012-12-12 (PCT/US2012/069073)  
[87] (WO2013/101456)  
[30] US (13/338,438) 2011-12-28

[11] **2,862,006**  
[13] C

- [51] **Int.Cl. C07D 473/00 (2006.01) A61K 31/52 (2006.01)**  
[25] EN  
[54] **CARBOCYCLIC NUCLEOSIDES AND THEIR PHARMACEUTICAL USE AND COMPOSITIONS**  
[54] **NUCLEOSIDES CARBOCYCLIQUES ET LEUR UTILISATION PHARMACEUTIQUE ET LEURS COMPOSITIONS**  
[72] MENON, KRISHNA, US  
[73] CELLCEUTIX CORPORATION, US  
[85] 2014-07-18  
[86] 2012-12-28 (PCT/US2012/072103)  
[87] (WO2013/103601)  
[30] US (61/582,550) 2012-01-03

[11] **2,862,195**  
[13] C

- [51] **Int.Cl. B65D 75/68 (2006.01) B65D 85/10 (2006.01)**  
[25] EN  
[54] **PACKAGING WITH REINFORCING TEAR STRIP**  
[54] **EMBALLAGE A BANDE DE RENFORT DECHIRABLE**  
[72] GIBSON, PAUL, GB  
[72] WHIFFEN, ROBERT, GB  
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB  
[85] 2014-07-22  
[86] 2013-02-13 (PCT/EP2013/052868)  
[87] (WO2013/120897)  
[30] GB (1202449.3) 2012-02-13

[11] **2,862,245**  
[13] C

- [51] **Int.Cl. C08L 23/08 (2006.01) B32B 27/32 (2006.01) C08J 5/18 (2006.01) C08L 101/00 (2006.01)**  
[25] EN  
[54] **ETHYLENE POLYMER COMPOSITION AND SHAPED ARTICLE OF THE SAME**  
[54] **COMPOSITION DE POLYMERE A BASE D'ETHYLENE ET CORPS MOULE OBTENU A PARTIR DE CELLE-CI**  
[72] SATOH, YASUO, JP  
[72] HARADA, YASUYUKI, JP  
[73] PRIME POLYMER CO., LTD., JP  
[73] MITSUI CHEMICALS, INC., JP  
[85] 2014-06-27  
[86] 2012-12-26 (PCT/JP2012/083617)  
[87] (WO2013/099927)  
[30] JP (2011-288417) 2011-12-28

[11] **2,862,277**  
[13] C

- [51] **Int.Cl. C25C 3/08 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRODUCING A CATHODE BLOCK FOR AN ALUMINIUM ELECTROLYTIC CELL**  
[54] **PROCEDE DE FABRICATION D'UN BLOC CATHODIQUE POUR UNE CELLULE D'ELECTROLYSE DE L'ALUMINIUM**  
[72] KUCHER, MARTIN, DE  
[72] HILTMANN, FRANK, DE  
[72] TOMALA, JANUSZ, PL  
[73] SGL CARBON SE, DE  
[85] 2014-07-22  
[86] 2013-01-31 (PCT/EP2013/051940)  
[87] (WO2013/113837)  
[30] DE (10 2012 201 468.3) 2012-02-01

[11] **2,862,304**  
[13] C

- [51] **Int.Cl. C08J 3/075 (2006.01) C08K 3/22 (2006.01) C08L 101/06 (2006.01) C09K 8/68 (2006.01) E21B 43/26 (2006.01) E21B 43/267 (2006.01) C01F 7/02 (2006.01)**  
[25] EN  
[54] **THIXOTROPIC AGENTS AND METHODS OF USE**  
[54] **AGENTS THIXOTROPIQUES ET PROCEDES D'UTILISATION**  
[72] BARCLAY, DAVID A., US  
[73] SASOL PERFORMANCE CHEMICALS GMBH, DE  
[85] 2014-07-22  
[86] 2012-08-22 (PCT/US2012/051819)  
[87] (WO2013/115845)  
[30] US (61/592,869) 2012-01-31

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[11] **2,863,416**  
[13] C

[51] **Int.Cl. F16K 1/44 (2006.01)**  
[25] EN  
[54] **METHOD FOR CLEANING THE SEAT OF A DOUBLE SEAT VALVE AND DOUBLE SEAT VALVE FOR PERFORMING THE METHOD**

[54] **PROCEDE PERMETTANT DE NETTOYER LES SIEGES D'UNE SOUPAPE A DOUBLE SIEGE, ET SOUPAPE A DOUBLE SIEGE PERMETTANT DE METTRE EN OEUVRE LEDIT PROCEDE**

[72] BURMESTER, JENS, DE  
[72] SUDEL, MATTHIAS, DE  
[72] SCHULZ, ARNE, DE  
[72] TOLLE, BASTIAN, DE  
[73] GEA TUCHENHAGEN GMBH, DE  
[85] 2014-07-31  
[86] 2012-04-25 (PCT/EP2012/001755)  
[87] (WO2013/113341)  
[30] DE (10 2012 002 151.8) 2012-02-03

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[11] **2,864,222**  
[13] C

[51] **Int.Cl. C07D 285/08 (2006.01) A61K 31/427 (2006.01) A61K 31/433 (2006.01) A61K 31/506 (2006.01) A61P 19/02 (2006.01) A61P 19/06 (2006.01) A61P 21/02 (2006.01) A61P 25/04 (2006.01) A61P 25/06 (2006.01) A61P 25/08 (2006.01) A61P 25/22 (2006.01) A61P 29/00 (2006.01) A61P 43/00 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 417/12 (2006.01)**

[25] EN  
[54] **CYCLOALKANE DERIVATIVE**  
[54] **DERIVE DE CYCLOALCANE**

[72] SHINOZUKA, TSUYOSHI, JP  
[72] KOBAYASHI, HIROYUKI, JP  
[72] SUZUKI, SAYAKA, JP  
[72] TANAKA, KYOSUKE, JP  
[72] KIMOTO, HIROKO, JP  
[72] DOMON, YUKI, JP  
[73] DAIICHI SANKYO COMPANY, LIMITED, JP  
[85] 2014-08-08  
[86] 2013-02-08 (PCT/JP2013/052985)  
[87] (WO2013/118854)  
[30] JP (2012-025754) 2012-02-09  
[30] JP (2012-259122) 2012-11-27

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[11] **2,866,132**  
[13] C

[51] **Int.Cl. D01F 6/62 (2006.01) A61L 27/00 (2006.01) A61L 31/00 (2006.01) D03D 15/00 (2006.01)**

[25] EN  
[54] **SUPERFINE POLYESTER FIBER AND TUBULAR SEAMLESS FABRIC**

[54] **FIBRE POLYESTER SUPERFINE ET TISSU SANS COUTURE TUBULAIRE**

[72] TAKAHASHI, TETSUKO, JP  
[72] KOJIMA, JUNICHI, JP  
[72] TOYODA, KEIICHI, JP  
[73] ASAHI KASEI FIBERS CORPORATION, JP  
[85] 2014-09-02  
[86] 2013-03-12 (PCT/JP2013/056831)  
[87] (WO2013/137263)  
[30] JP (2012-055681) 2012-03-13

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[11] **2,866,466**  
[13] C

[51] **Int.Cl. B23K 26/322 (2014.01) B21C 37/02 (2006.01) B21D 22/02 (2006.01) B23K 26/20 (2014.01) C23C 30/00 (2006.01)**

[25] EN  
[54] **TAILORED BLANK FOR HOT STAMPING, HOT STAMPED MEMBER, AND METHODS FOR MANUFACTURING SAME**

[54] **EBAUCHE PERSONNALISEE POUR UN ESTAMPAGE A CHAUD, ELEMENT ESTAMPE A CHAUD ET PROCEDES DE PRODUCTION DE CES DERNIERS**

[72] MIYAZAKI, YASUNOBU, JP  
[72] NAITO, YASUAKI, JP  
[72] KAWASAKI, KAORU, JP  
[72] YOSHINAGA, TAKAHIRO, JP  
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP  
[85] 2014-09-05  
[86] 2013-03-28 (PCT/JP2013/059287)  
[87] (WO2013/147035)  
[30] JP (2012-074222) 2012-03-28  
[30] JP (2012-093812) 2012-04-17

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[11] **2,866,802**  
[13] C

[51] **Int.Cl. C23C 4/04 (2006.01) B21B 19/04 (2006.01) B21B 25/00 (2006.01) C23C 4/02 (2006.01)**

[25] EN  
[54] **METHOD FOR PRODUCING PLUG FOR PIERCING-ROLLING**

[54] **PROCEDE DE FABRICATION POUR POINCON DE PERCAGE**

[72] SAITOU, KENICHI, JP  
[72] HIDAKA, YASUYOSHI, JP  
[72] HIGASHIDA, YASUTO, JP  
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP  
[85] 2014-09-09  
[86] 2013-04-19 (PCT/JP2013/002657)  
[87] (WO2013/183213)  
[30] JP (2012-128175) 2012-06-05  
[30] JP (2012-128255) 2012-06-05

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[11] **2,866,926**  
[13] C

[51] **Int.Cl. E21B 43/24 (2006.01) E21B 47/06 (2012.01)**

[25] EN  
[54] **METHOD OF HEATING A HYDROCARBON RESOURCE INCLUDING SLIDABLY POSITIONING AN RF TRANSMISSION LINE AND RELATED APPARATUS**

[54] **PROCEDE DE CHAUFFAGE D'UNE RESSOURCE D'HYDROCARBURE COMPRENANT LE POSITIONNEMENT PAR COULISSEMENT D'UNE LIGNE DE TRANSMISSION RF ET APPAREIL ASSOCIE**

[72] WRIGHT, BRIAN, US  
[73] HARRIS CORPORATION, US  
[86] (2866926)  
[87] (2866926)  
[22] 2014-10-08  
[30] US (14/076,501) 2013-11-11

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[11] **2,867,297**  
[13] C

[51] **Int.Cl. B64D 11/06 (2006.01)**  
[25] EN  
[54] **PREMIUM CLASS AIRCRAFT PASSENGER SUITE WITH SEPARATE SEATING AREAS**  
[54] **SALON DE CLASSE A TARIF MAJORE POUR PASSAGERS D'AVION AVEC ZONES DE PLACES ASSISES A SIEGES SEPARES**  
[72] ROUND, MATT, GB  
[72] DARBYSHIRE, MARTIN, GB  
[72] PRICE, OLLIE, GB  
[72] TRETOUT, LUCAS, GB  
[72] HE, WEIWEI, GB  
[72] PLANT, TOMMY GEORGE, US  
[72] JOHNSON, GLENN ALLEN, US  
[73] B/E AEROSPACE, INC., US  
[85] 2014-09-12  
[86] 2013-03-13 (PCT/US2013/030673)  
[87] (WO2013/142169)  
[30] US (61/613,047) 2012-03-20  
[30] US (61/613,011) 2012-03-20  
[30] US (61/613,077) 2012-03-20  
[30] US (61/613,036) 2012-03-20

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[11] **2,868,351**  
[13] C

[51] **Int.Cl. A23F 3/16 (2006.01) A23L 2/00 (2006.01)**  
[25] EN  
[54] **GREEN TEA BEVERAGE PACKED IN CONTAINER AND METHOD OF MANUFACTURING SAME**  
[54] **BOISSON A BASE DE THE VERT EN BOUTEILLE/CANETTE ET SON PROCEDE DE PRODUCTION**  
[72] SASAME, MASAMI, JP  
[72] MURAYAMA, KAZUTO, JP  
[72] FUJII, YOHISUKE, JP  
[72] SAKATA, MASATAKA, JP  
[73] ITO EN, LTD., JP  
[85] 2014-09-23  
[86] 2013-10-01 (PCT/JP2013/076632)  
[87] (WO2014/054604)  
[30] JP (2012-219688) 2012-10-01

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[11] **2,869,339**  
[13] C

[51] **Int.Cl. C23C 2/06 (2006.01) C22C 38/00 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/28 (2006.01) C22C 38/38 (2006.01)**  
[25] EN  
[54] **STEEL STRIP HAVING A LOW SI CONTENT**  
[54] **BANDE D'ACIER AYANT UNE FAIBLE TENEUR EN SI**  
[72] JANSEN, EGBERT, NL  
[72] SPAN, EDWARD ANTON FREDERIK, NL  
[72] MOSTERT, RICHARD, NL  
[72] KOP, THEO ARNOLD, NL  
[73] TATA STEEL IJMUIDEN B.V., NL  
[85] 2014-10-02  
[86] 2013-04-05 (PCT/EP2013/001015)  
[87] (WO2013/149732)  
[30] EP (12002492.2) 2012-04-05

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[11] **2,869,340**  
[13] C

[51] **Int.Cl. C23C 2/06 (2006.01) C22C 38/00 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/28 (2006.01) C22C 38/38 (2006.01)**  
[25] EN  
[54] **STEEL STRIP HAVING A LOW SI CONTENT**  
[54] **BANDE D'ACIER AYANT UNE FAIBLE TENEUR EN SI**  
[72] JANSEN, EGBERT, NL  
[72] SPAN, EDWARD ANTON FREDERIK, NL  
[72] MOSTERT, RICHARD, NL  
[72] KOP, THEO ARNOLD, NL  
[73] TATA STEEL IJMUIDEN B.V., NL  
[85] 2014-10-02  
[86] 2013-04-05 (PCT/EP2013/001017)  
[87] (WO2013/149734)  
[30] EP (12002492.2) 2012-04-05

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[11] **2,870,728**  
[13] C

[51] **Int.Cl. B65G 47/84 (2006.01) A61F 13/15 (2006.01)**  
[25] EN  
[54] **APPARATUSES FOR TRANSFERRING DISCRETE ARTICLES**  
[54] **APPAREILS PERMETTANT DE TRANSFERER DES ARTICLES INDIVIDUELS**  
[72] PAPSDORF, CLIFFORD THEODORE, US  
[72] SCHNEIDER, UWE, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 2014-10-15  
[86] 2013-04-16 (PCT/US2013/036718)  
[87] (WO2013/158599)  
[30] US (13/447,585) 2012-04-16

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[11] **2,871,284**  
[13] C

[51] **Int.Cl. A61F 13/494 (2006.01) A61F 13/15 (2006.01)**  
[25] EN  
[54] **WEB MATERIAL(S) FOR ABSORBENT ARTICLES**  
[54] **MATERIAU(X) EN BANDE POUR ARTICLES ABSORBANTS**  
[72] CHHABRA, RAJEEV, US  
[72] CHENG, CALVIN HOI WUNG, US  
[72] ISELE, OLAF ERIK ALEXANDER, US  
[72] NELSON, DEEANN LING, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[86] (2871284)  
[87] (2871284)  
[22] 2011-02-10  
[62] 2,789,631  
[30] US (61/303,184) 2010-02-10

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[11] **2,873,575**  
[13] C

[51] **Int.Cl. A47K 1/02 (2006.01) A47B 81/00 (2006.01) A47B 96/20 (2006.01) E03C 1/32 (2006.01)**  
[25] EN  
[54] **SANITARY FACILITY COMPRISING A WASHSTAND AND A PIECE OF SUPPORT FURNITURE**  
[54] **INSTALLATION SANITAIRE COMPORTANT UN MEUBLE-LAVABO ET UN ELEMENT DE MEUBLE SUPPORT**  
[72] STAMMEL, THOMAS, DE  
[72] FUHRER, ERICH, DE  
[72] WEBER, ULRICH, DE  
[73] DURAVIT AKTIENGESELLSCHAFT, DE  
[86] (2873575)  
[87] (2873575)  
[22] 2014-12-08  
[30] DE (102014100598.8) 2014-01-21

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[11] **2,874,798**  
[13] C

[51] **Int.Cl. C08L 75/08 (2006.01) C08G 18/48 (2006.01) C08G 18/66 (2006.01)**  
[25] EN  
[54] **A LATEX SPONGE**  
[54] **EPONGE EN LATEX**  
[72] NI, ZHANGGEN, CN  
[72] LIN, TAO, CN  
[73] JIANGSU HEALTHCARE TECHNOLOGY CO., LTD, CN  
[85] 2014-11-25  
[86] 2013-07-12 (PCT/CN2013/079264)  
[87] (WO2014/183332)  
[30] CN (201310183862.8) 2013-05-17

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[11] **2,874,990**  
[13] C

[51] **Int.Cl. A01K 43/00 (2006.01)**  
[25] EN  
[54] **PROCESSING SYSTEM FOR TRANSFERRING EGGS, AND ASSOCIATED METHOD**  
[54] **SYSTEME DE TRAITEMENT POUR LE TRANSFERT D'OEUFS, ET PROCEDE ASSOCIE**  
[72] HEBRANK, JOHN H., US  
[72] REES, DANIEL SCOTT, US  
[72] SCHNUPPER, MICHAEL GLENN, US  
[72] STEEN, PAUL ARCHIE, US  
[73] ZOETIS SERVICES LLC, US  
[85] 2014-11-27  
[86] 2013-05-28 (PCT/US2013/042809)  
[87] (WO2013/184427)  
[30] US (61/655,561) 2012-06-05  
[30] US (61/822,652) 2013-05-13

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[11] **2,875,191**  
[13] C

[51] **Int.Cl. F16L 27/06 (2006.01) F01N 13/08 (2010.01)**  
[25] EN  
[54] **SPHERICAL EXHAUST PIPE JOINT**  
[54] **JOINT DE TUYAU D'ECHAPPEMENT SPHERIQUE**  
[72] ARIGAYA, HIDETO, JP  
[72] KAIDA, HIDETOSHI, JP  
[72] SUEMATSU, TSUYOSHI, JP  
[73] OILES CORPORATION, JP  
[85] 2014-11-28  
[86] 2013-05-20 (PCT/JP2013/003210)  
[87] (WO2014/006811)  
[30] JP (2012-148954) 2012-07-02

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[11] **2,875,585**  
[13] C

[51] **Int.Cl. B25C 1/18 (2006.01) B25C 1/14 (2006.01)**  
[25] EN  
[54] **INDIRECT FIRING FASTENING TOOL WITH ANTI-FIRING TRIGGER SUPPORT**  
[54] **OUTIL DE FIXATION A TIR INDIRECT MUNI DE SUPPORT DE GACHETTE ANTI-TIR**  
[72] HERELIER, PATRICK, FR  
[72] ROUSSON, LUDOVIC, FR  
[73] ILLINOIS TOOL WORKS INC., US  
[85] 2014-12-02  
[86] 2013-07-25 (PCT/US2013/052102)  
[87] (WO2014/018778)  
[30] FR (1257198) 2012-07-25

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[11] **2,875,894**  
[13] C

[51] **Int.Cl. H04N 19/23 (2014.01) H04N 19/46 (2014.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REPRESENTING IMAGE GRANULARITY BY ONE OR MORE PARAMETERS**  
[54] **PROCEDE ET APPAREIL DE REPRESENTATION DE LA GRANULARITE D'UNE IMAGE PAR UN OU PLUSIEURS PARAMETRES**  
[72] GOMILA, CRISTINA, US  
[72] KOBILANSKY, ALEXANDER, US  
[73] THOMSON LICENSING, FR  
[86] (2875894)  
[87] (2875894)  
[22] 2004-03-30  
[62] 2,526,016  
[30] US (60/470,712) 2003-05-15

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[11] **2,876,037**  
[13] C

[51] **Int.Cl. A47C 23/04 (2006.01) A47C 23/043 (2006.01)**  
[25] EN  
[54] **SPRING CORE HAVING A FULLY ACTIVE SPRING AND METHOD OF MANUFACTURING THE SAME**  
[54] **CARCASSE DE RESSORTS A RESSORT ENTIEREMENT ACTIF ET SON PROCEDE DE FABRICATION**  
[72] JORGENSEN, MORTEN, DK  
[72] ALBAEK, NIELS, DK  
[73] L&P SWISS HOLDING AG, CH  
[85] 2014-12-08  
[86] 2013-07-09 (PCT/EP2013/064443)  
[87] (WO2014/016108)  
[30] EP (12005447.3) 2012-07-26

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[11] **2,876,467**  
[13] C

[51] **Int.Cl. B65D 90/26 (2006.01) B60P 3/22 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PREVENTING TANKER TRUCK OVERFILL**  
[54] **SYSTEME ET PROCEDE DE PREVENTION DE TROP-PLEIN DE CAMION-CITERNE**  
[72] DOBSON, GLYN, CA  
[72] JONES, MATHEW PETER, CA  
[73] GERVEE GROUP OF COMPANIES INC., CA  
[86] (2876467)  
[87] (2876467)  
[22] 2013-03-21  
[62] 2,810,380

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[11] **2,877,392**  
[13] C

[51] **Int.Cl. F04D 13/10 (2006.01) E21B 43/12 (2006.01) F04D 29/00 (2006.01) F04D 29/70 (2006.01) H02K 7/14 (2006.01)**  
[25] EN  
[54] **GAS RESTRICTOR FOR A HORIZONTALLY ORIENTED SUBMERSIBLE WELL PUMP**  
[54] **RESTRICTEUR DE GAZ POUR UNE POMPE IMMERGEE DE Puits HORIZONTAL**  
[72] COATES, BRYAN C., US  
[72] GOULET, CURTIS J., US  
[73] BAKER HUGHES INCORPORATED, US  
[86] (2877392)  
[87] (2877392)  
[22] 2015-01-13  
[30] US (14/162,490) 2014-01-23

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[11] **2,877,557**  
[13] C

[51] **Int.Cl. A47F 11/06 (2006.01) G06Q 30/02 (2012.01) A47F 3/04 (2006.01) G02F 1/13357 (2006.01) G09F 19/22 (2006.01)**  
[25] EN  
[54] **DISPLAY CASE DOOR WITH TRANSPARENT LCD PANEL**  
[54] **PORTE DE PRESENTOIR EQUIPEE D'UN PANNEAU ACL TRANSPARENT**  
[72] ARTWOHL, PAUL J., US  
[72] NICHOLSON, JEFFERY W., US  
[72] SANDNES, MARK, US  
[73] ANTHONY, INC., US  
[86] (2877557)  
[87] (2877557)  
[22] 2015-01-13  
[30] US (14/170,378) 2014-01-31

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[11] **2,877,651**  
[13] C

[51] **Int.Cl. C22B 7/00 (2006.01) C22B 21/00 (2006.01) C22B 59/00 (2006.01) C01F 7/20 (2006.01) C22B 3/16 (2006.01)**  
[25] EN  
[54] **ACID PROCESSING OF RED MUD**  
[54] **PROCEDE DE TRAITEMENT ACIDE DE SCORIES NON FERREUSES**  
[72] BOGOMAZOV, ALEKSANDR VIKTOROVICH, RU  
[72] SENYUTA, ALEKSANDR SERGEEVICH, RU  
[73] OBSCHESTVO S OGRANICHENNOY OTVETSTVENNOST'YU "OBEDINENNAYA KOMPANIYA RUSAL INZHENERNO-TEKHNOLOGICHESKIY TSENTR", RU  
[85] 2014-12-22  
[86] 2012-07-20 (PCT/RU2012/000593)  
[87] (WO2014/014380)

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[11] **2,877,816**  
[13] C

[51] **Int.Cl. E04B 1/84 (2006.01)**  
[25] EN  
[54] **GYPNUM-PANEL FOR ACOUSTICAL MONOLITHIC CEILING**  
[54] **PANNEAU EN GYPSE POUR PLAFOND MONOLITHIQUE ACOUSTIQUE**  
[72] DUGAN, ERIN, US  
[72] MIKLOSZ, MARK, US  
[72] BURY, RAFAEL, US  
[72] YEUNG, LEE K., US  
[72] FRANK, WILLIAM A., US  
[73] USG INTERIORS, LLC, US  
[85] 2014-12-22  
[86] 2013-06-24 (PCT/US2013/047280)  
[87] (WO2014/004360)  
[30] US (13/534,454) 2012-06-27  
[30] US (13/832,107) 2013-03-15

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[11] **2,877,854**  
[13] C

[51] **Int.Cl. C01F 7/22 (2006.01) C01F 7/30 (2006.01)**  
[25] EN  
[54] **METHOD OF ALUMINA RECOVERY**  
[54] **PROCEDE DE PRODUCTION D'ALUMINE**  
[72] SENYUTA, ALEKSANDR SERGEEVICH, RU  
[72] PANOVA, ANDREY VLADIMIROVICH, RU  
[73] OBSCHESTVO S OGRANICHENNOY OTVETSTVENNOST'YU "OBEDINENNAYA KOMPANIYA RUSAL INZHENERNO-TEKHNOLOGICHESKIY TSENTR", RU  
[85] 2014-12-22  
[86] 2012-08-01 (PCT/RU2012/000631)  
[87] (WO2014/021730)

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[11] **2,878,387**  
[13] C  
[51] **Int.Cl. C08L 53/00 (2006.01) B60C 1/00 (2006.01) C08J 9/04 (2006.01) C08L 21/00 (2006.01)**  
[25] EN  
[54] **COMPOSITION FOR FOAM TIRE**  
[54] **COMPOSITION POUR PNEU MOUSSE**  
[72] KIM, HEESOOK, KR  
[73] LEE, YOUNG-GI, KR  
[85] 2015-01-05  
[86] 2013-07-19 (PCT/KR2013/006480)  
[87] (WO2014/014306)  
[30] KR (10-2012-0079231) 2012-07-20

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[11] **2,878,742**  
[13] C  
[51] **Int.Cl. G11C 17/18 (2006.01) G11C 29/04 (2006.01)**  
[25] EN  
[54] **REDUNDANCY SYSTEM FOR NON-VOLATILE MEMORY**  
[54] **SYSTEME DE REDONDANCE POUR MEMOIRE NON VOLATILE**  
[72] KURJANOWICZ, WLODEK, CA  
[72] ABDAT, MOURAD, CA  
[73] SIDENSE CORP., CA  
[86] (2878742)  
[87] (2878742)  
[22] 2015-01-20  
[30] US (14/162,380) 2014-01-23

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[11] **2,879,946**  
[13] C  
[51] **Int.Cl. F16L 1/028 (2006.01)**  
[25] EN  
[54] **PIPE RETRIEVER**  
[54] **DISPOSITIF DE RECUPERATION DE TUYAU**  
[72] HEIEIE, JOHN M., US  
[73] SOUTHEAST DIRECTIONAL DRILLING, LLC, US  
[85] 2015-01-22  
[86] 2013-04-29 (PCT/US2013/038645)  
[87] (WO2014/035489)  
[30] US (13/595,279) 2012-08-27

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[11] **2,880,211**  
[13] C  
[51] **Int.Cl. B60S 1/40 (2006.01)**  
[25] EN  
[54] **UNIVERSAL COUPLER FOR A BEAM BLADE WINDSHIELD WIPER ASSEMBLY**  
[54] **COUPLEUR UNIVERSEL POUR UN ENSEMBLE ESSUIE-GLACE A BALAI A LAMES**  
[72] AVASILOAIE, VALENTIN, US  
[72] EHDE, DAN, US  
[73] TRICO PRODUCTS CORPORATION, US  
[86] (2880211)  
[87] (2880211)  
[22] 2011-09-14  
[62] 2,810,705  
[30] US (61/383,115) 2010-09-15

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[11] **2,880,959**  
[13] C  
[51] **Int.Cl. C10G 1/04 (2006.01)**  
[25] EN  
[54] **SODIUM CITRATE AND CAUSTIC AS PROCESS AIDS FOR THE EXTRACTION OF BITUMEN FROM MINED OIL SANDS**  
[54] **CITRATE DE SODIUM ET CAUSTIQUE EN TANT QU'AUXILIAIRES DE TRAITEMENT POUR L'EXTRACTION DU BITUME DES SABLES BITUMINEUX**  
[72] LONG, JUN, CA  
[72] GU, YONG JOE, CA  
[73] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT, AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA  
[86] (2880959)  
[87] (2880959)  
[22] 2015-01-28  
[30] US (61/933,069) 2014-01-29

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[11] **2,881,991**  
[13] C  
[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/506 (2006.01)**  
[25] EN  
[54] **SUBSTITUTED 3-CHLORO-N-[3-(PYRIMIDIN-2-YLAMINO)PHENYL]PROPANAMI DE COMPOUND, AND SALTS THEREOF**  
[54] **COMPOSES DE 2-(ANILINO 2,4,5-SUBSTITUE)PYRIMIDINE**  
[72] BUTTERWORTH, SAM, GB  
[72] FINLAY, MAURICE RAYMOND VERSCHOYLE, GB  
[72] WARD, RICHARD ANDREW, GB  
[72] KADAMBAR, VASANTHA KRISHNA, IN  
[72] CHINTAKUNTLA, CHANDRASEKHARA REDDY, IN  
[72] MURUGAN, ANDIAPPAN, IN  
[72] REDFEARN, HEATHER MARIE, GB  
[72] CHUAQUI, CLAUDIO EDMUNDO, GB  
[73] ASTRAZENECA AB, SE  
[86] (2881991)  
[87] (2881991)  
[22] 2012-07-25  
[62] 2,843,109  
[30] US (61/512,061) 2011-07-27  
[30] US (61/591,363) 2012-01-27

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[11] **2,882,413**  
[13] C  
[51] **Int.Cl. A61B 3/113 (2006.01) A61B 3/10 (2006.01) G06F 3/01 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR ON-AXIS EYE GAZE TRACKING**  
[54] **SYSTEME ET PROCEDE DE SUIVI DU REGARD SUR AXE**  
[72] SULLIVAN, NICHOLAS J., CA  
[73] MIRAMETRIX INC., CA  
[85] 2015-02-19  
[86] 2014-03-17 (PCT/CA2014/050282)  
[87] (WO2014/146199)  
[30] US (61/802,881) 2013-03-18

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[11] **2,882,647**  
[13] C

[51] **Int.Cl. A21B 1/48 (2006.01) A21B 1/40 (2006.01) F24C 3/12 (2006.01) F24C 7/08 (2006.01) F24C 15/00 (2006.01)**

[25] EN

[54] **CONVEYOR OVEN APPARATUS AND METHOD**

[54] **APPAREIL ET PROCEDE POUR UN FOUR A BANDE TRANSPORTEUSE**

[72] WIKER, JOHN H., US

[72] ALBERT, MAGDY A., US

[72] PANICKER, MOHAN K., US

[72] SCHJERVEN, WILLIAM S., SR, US

[73] THE MIDDLEBY CORPORATION, US

[86] (2882647)

[87] (2882647)

[22] 2006-06-08

[62] 2,783,217

[30] US (PCT/US2005/038783) 2005-10-27

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[11] **2,883,124**  
[13] C

[51] **Int.Cl. C08L 67/02 (2006.01) D01F 8/00 (2006.01) D05C 17/00 (2006.01)**

[25] EN

[54] **RECYCLED POLYETHYLENE TEREPHTHALATE COMPOSITIONS, FIBERS AND ARTICLES PRODUCED THEREFROM, AND METHODS FOR PRODUCING SAME**

[54] **COMPOSITIONS DE POLY(ETHYLENE TEREPHTHALATE) RECYCLE, FIBRES ET ARTICLES PRODUITS PAR CES DERNIERES ET METHODES DE PRODUCTION CONNEXES**

[72] BOOTH, HUBERT J., US

[72] BRADLEY, CHRISTOPHER ERIC, US

[72] JOHNSON, DANIEL RAY, US

[72] KEEN, JAMES HENRY, JR., US

[73] SHAW INDUSTRIES GROUP, INC., US

[86] (2883124)

[87] (2883124)

[22] 2009-09-30

[62] 2,681,288

[30] US (61/101,664) 2008-09-30

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[11] **2,883,255**  
[13] C

[51] **Int.Cl. C08L 67/02 (2006.01) D01F 6/62 (2006.01) D05C 17/02 (2006.01)**

[25] EN

[54] **RECYCLED POLETHYLENE TEREPHTHALATE COMPOSITIONS, FIBERS AND ARTICLES PRODUCED THEREFROM, AND METHODS FOR PRODUCING SAME**

[54] **COMPOSITIONS DE POLY(ETHYLENE TEREPHTHALATE) RECYCLE, FIBRES ET ARTICLES PRODUITS PAR CES DERNIERES ET METHODES DE PRODUCTION CONNEXES**

[72] BOOTH, HUBERT J., US

[72] BRADLEY, CHRISTOPHER ERIC, US

[72] JOHNSON, DANIEL RAY, US

[72] KEEN, JAMES HENRY JR., US

[73] SHAW INDUSTRIES GROUP, INC., US

[86] (2883255)

[87] (2883255)

[22] 2009-09-30

[62] 2,681,244

[30] US (61/101,663) 2008-09-30

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[11] **2,883,847**  
[13] C

[51] **Int.Cl. A61G 13/00 (2006.01) A61F 5/04 (2006.01) A61F 5/37 (2006.01) A61G 13/12 (2006.01)**

[25] EN

[54] **APPARATUS FOR POSITIONING THE LOWER LIMB OF A PATIENT DURING OPERATION**

[54] **APPAREIL POUR POSITIONNER LE MEMBRE INFERIEUR D'UN PATIENT PENDANT UNE OPERATION**

[72] BERNARDONI, MASSIMILIANO, CH

[72] GIARDIELLO, MIRKO, CH

[72] SICCARDI, ALBERTO, CH

[72] SICCARDI, FRANCESCO, CH

[73] MEDACTA INTERNATIONAL S.A., CH

[85] 2015-03-05

[86] 2013-09-17 (PCT/IB2013/058616)

[87] (WO2014/045199)

[30] IT (MI2012A 001548) 2012-09-18

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[11] **2,884,632**  
[13] C

[51] **Int.Cl. G01B 11/06 (2006.01) D21F 7/06 (2006.01) G01B 7/06 (2006.01)**

[25] EN

[54] **WEB THICKNESS MEASUREMENT DEVICE**

[54] **DISPOSITIF DE MESURE DE L'EPAISSEUR D'UNE BANDE**

[72] HELLSTROM, AKE, US

[72] NAIMI, RAMBOD, IE

[72] O' HORA, MICHAEL, IE

[73] ABB LTD., IE

[86] (2884632)

[87] (2884632)

[22] 2008-08-25

[62] 2,697,543

[30] US (60/969,373) 2007-08-31

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[11] **2,885,720**  
[13] C

[51] **Int.Cl. C08F 2/48 (2006.01) B41J 2/01 (2006.01) B41M 5/00 (2006.01) C09D 11/00 (2014.01)**

[25] EN

[54] **PHOTOPOLYMERIZABLE COMPOSITION, PHOTOPOLYMERIZABLE INKJET INK, AND INK CARTRIDGE**

[54] **COMPOSITION PHOTOPOLYMERISABLE, ENCRE POUR JET D'ENCRE PHOTOPOLYMERISABLE, ET CARTOUCHE D'ENCRE**

[72] HIRAOKA, TAKAO, JP

[73] RICOH COMPANY, LTD., JP

[85] 2015-03-20

[86] 2013-09-12 (PCT/JP2013/075390)

[87] (WO2014/050711)

[30] JP (2012-215753) 2012-09-28

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[11] **2,886,964**  
[13] C

[51] **Int.Cl. H04N 19/46 (2014.01) H04N 19/14 (2014.01) H04N 19/176 (2014.01) H04N 19/51 (2014.01) H04N 19/70 (2014.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR ENCODING VIDEO BY USING BLOCK MERGING, AND METHOD AND APPARATUS FOR DECODING VIDEO BY USING BLOCK MERGING**

[54] **PROCEDE ET APPAREIL D'ENCODAGE VIDEO AU MOYEN D'UNE FUSION DE BLOCS, ET PROCEDE ET APPAREIL DE DECODAGE VIDEO AU MOYEN D'UNE FUSION DE BLOCS**

[72] LEE, TAMMY, KR  
[72] HAN, WOO-JIN, KR  
[72] KIM, IL-KOO, KR  
[72] LEE, SUN-IL, KR  
[73] SAMSUNG ELECTRONICS CO., LTD., KR

[86] (2886964)  
[87] (2886964)  
[22] 2011-07-07  
[62] 2,804,780  
[30] US (61/362,829) 2010-07-09  
[30] US (61/367,952) 2010-07-27  
[30] KR (10-2011-0006486) 2011-01-21

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[11] **2,888,323**  
[13] C

[51] **Int.Cl. E05D 1/00 (2006.01)**

[25] EN

[54] **DOOR CLOSER**

[54] **DISPOSITIF DE FERMETURE DE PORTE**

[72] DING, KUN-LIN, TW  
[73] JOY CHIEF HARDWARE INDUSTRIAL CORP., TW

[86] (2888323)  
[87] (2888323)  
[22] 2015-04-20  
[30] TW (103115437) 2014-04-29

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[11] **2,891,511**  
[13] C

[51] **Int.Cl. A61J 1/20 (2006.01) A61J 1/14 (2006.01) A61J 7/00 (2006.01) A61M 3/00 (2006.01) A61M 31/00 (2006.01)**

[25] EN

[54] **MEDICAMENT DISPENSING SYSTEM**

[54] **SYSTEME DE DISTRIBUTION DE MEDICAMENT**

[72] MENESES FERNANDEZ, LEOPOLDO, MX  
[73] MENESES FERNANDEZ, LEOPOLDO, MX

[85] 2015-05-14  
[86] 2013-11-15 (PCT/MX2013/000142)  
[87] (WO2014/077670)  
[30] MX (MX/a/2012/013347) 2012-11-16

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[11] **2,892,532**  
[13] C

[51] **Int.Cl. C10M 171/06 (2006.01) C09K 3/14 (2006.01)**

[25] EN

[54] **FACILE SYNTHESIS OF GRAPHENE, GRAPHENE DERIVATIVES AND ABRASIVE NANOPARTICLES AND THEIR VARIOUS USES, INCLUDING AS TRIBOLOGICALLY-BENEFICIAL LUBRICANT ADDITIVES**

[54] **SYNTHESE FACILE DE GRAPHENE, DERIVES DE GRAPHENE ET NANOPARTICULES ABRASIVES ET LEURS DIVERSES UTILISATIONS, COMPRENANT DES ADDITIFS LUBRIFIANT A UTILITE TRIBOLOGIQUE**

[72] SHANKMAN, RICHARD S., US  
[73] PEERLESS WORLDWIDE, LLC, US

[86] (2892532)  
[87] (2892532)  
[22] 2012-03-15  
[62] 2,857,947  
[30] US (61/452,781) 2011-03-15  
[30] US (61/491,633) 2011-05-31  
[30] US (61/503,203) 2011-06-30  
[30] US (61/538,528) 2011-09-23  
[30] US (61/541,637) 2011-09-30  
[30] US (61/546,368) 2011-10-12  
[30] US (61/568,957) 2011-12-09  
[30] US (61/579,993) 2011-12-23  
[30] US (61/596,936) 2012-02-09

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[11] **2,893,225**  
[13] C

[51] **Int.Cl. F01M 13/00 (2006.01) F01M 13/02 (2006.01) F02D 41/00 (2006.01)**

[25] EN

[54] **MICROCONTROLLER FOR POLLUTION CONTROL SYSTEM FOR AN INTERNAL COMBUSTION ENGINE**

[54] **MICROCONTROLEUR POUR UN SYSTEME DE LUTTE CONTRE LA POLLUTION POUR UN MOTEUR A COMBUSTION INTERNE**

[72] MONROS, SERGE V., US  
[73] MONROS, SERGE V., US

[85] 2015-06-01  
[86] 2014-01-15 (PCT/US2014/011721)  
[87] (WO2014/113496)  
[30] US (61/754,384) 2013-01-18  
[30] US (14/156,189) 2014-01-15

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[11] **2,893,678**  
[13] C

[51] **Int.Cl. C23F 13/02 (2006.01) C23F 13/14 (2006.01)**

[25] EN

[54] **TREATMENT PROCESS FOR CONCRETE**

[54] **PROCEDE DE TRAITEMENT DU BETON**

[72] GLASS, GARETH, GB  
[72] ROBERTS, ADRIAN, GB  
[72] DAVISON, NIGEL, GB  
[73] GLASS, GARETH, GB  
[73] ROBERTS, ADRIAN, GB  
[73] DAVISON, NIGEL, GB

[86] (2893678)  
[87] (2893678)  
[22] 2006-03-14  
[62] 2,601,516  
[30] GB (0505353.3) 2005-03-16  
[30] GB (0520112.4) 2005-10-04  
[30] GB (0600661.3) 2006-01-13

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25 octobre 2016**

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[11] **2,893,830**  
[13] C

[51] **Int.Cl. B60W 50/14 (2012.01) B60K 35/00 (2006.01) B60K 37/02 (2006.01)**  
[25] EN  
[54] **METHOD FOR CONTROLLING VEHICLE-INFORMATION DISPLAYING BY MEANS OF ECU AND APPARATUS THEREFOR**  
[54] **PROCEDE DE COMMANDE D'AFFICHAGE D'INFORMATIONS DE VEHICULE AU MOYEN D'UNE ECU ET APPAREIL ASSOCIE**  
[72] LEE, MYUNG-HOON, KR  
[72] KIM, YOUNG-DON, KR  
[73] VOLVO CONSTRUCTION EQUIPMENT AB, SE  
[85] 2015-06-04  
[86] 2012-12-20 (PCT/KR2012/011175)  
[87] (WO2014/098283)

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[11] **2,897,136**  
[13] C

[51] **Int.Cl. H05K 5/02 (2006.01) H05K 7/14 (2006.01)**  
[25] EN  
[54] **CRADLE-CASSETTE APPARATUS FOR AN ELECTRONIC DEVICE**  
[54] **DISPOSITIF BERCEAU-CHARGEUR POUR APPAREIL ELECTRONIQUE**  
[72] MULHERN, IORDANKA KOLEVA, US  
[73] WORLD RICHMAN MANUFACTURING CORPORATION, US  
[86] (2897136)  
[87] (2897136)  
[22] 2015-07-14  
[30] US (14/447,797) 2014-07-31

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[11] **2,897,490**  
[13] C

[51] **Int.Cl. A47K 3/04 (2006.01)**  
[25] EN  
[54] **LAVATORY SYSTEM**  
[54] **SYSTEME DE TOILETTES**  
[72] KEMPEN, SCOTT L., US  
[72] DHEIN, THEODORE E., US  
[72] HAAS, WILLIAM L., US  
[72] MCLAUGHLIN, MICHAEL D., US  
[72] PERRIN, TIMOTHY E., US  
[72] PIEKARSKI, ROBERT MICHAEL, US  
[73] BRADLEY FIXTURES CORPORATION, US  
[85] 2015-07-07  
[86] 2014-02-05 (PCT/US2014/014876)  
[87] (WO2014/124010)  
[30] US (13/763,034) 2013-02-08

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[11] **2,899,524**  
[13] C

[51] **Int.Cl. B29C 45/26 (2006.01)**  
[25] EN  
[54] **MOLD STACK HAVING A FLOATING CAVITY INSERT**  
[54] **EMPILEMENT DE MOULE COMPORTANT UN INSERT DE CAVITE FLOTTANT**  
[72] KMOCH, SVEN, DE  
[72] FISCH, RALF WALTER, DE  
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA  
[85] 2015-07-28  
[86] 2014-01-21 (PCT/CA2014/050041)  
[87] (WO2014/131118)  
[30] US (61/769,852) 2013-02-27

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[11] **2,899,732**  
[13] C

[51] **Int.Cl. H04W 4/02 (2009.01) H04W 88/02 (2009.01)**  
[25] EN  
[54] **GROUPING AMBIENT-LOCATION UPDATES**  
[54] **GROUPEMENT DE MISES A JOUR DE LOCALISATION AMBIANTE**  
[72] VACCARI, ANDREA, US  
[72] GRISE, GABRIEL, US  
[72] LAHIRI, MAYANK, US  
[73] FACEBOOK, INC., US  
[85] 2015-07-29  
[86] 2014-02-05 (PCT/US2014/014821)  
[87] (WO2014/123971)  
[30] US (13/760,796) 2013-02-06

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[11] **2,900,098**  
[13] C

[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/13 (2012.01) E21B 7/00 (2006.01) E21B 44/00 (2006.01) E21B 47/00 (2012.01) E21B 47/18 (2012.01) H04B 3/00 (2006.01)**  
[25] EN  
[54] **INTEGRATED DOWNHOLE SYSTEM WITH PLURAL TELEMETRY SUBSYSTEMS**  
[54] **SYSTEME INTEGRE DE FOND DE PUIT A PLUSIEURS SOUS-SYSTEMES DE TELEMETRIE**  
[72] LOGAN, AARON W., CA  
[72] SWITZER, DAVID A., CA  
[72] LIU, JILI, CA  
[72] LOGAN, JUSTIN C., CA  
[72] XU, MINGDONG, CA  
[73] EVOLUTION ENGINEERING INC., CA  
[85] 2015-08-04  
[86] 2014-02-25 (PCT/CA2014/050133)  
[87] (WO2014/127489)  
[30] US (61/768,936) 2013-02-25  
[30] US (61/769,033) 2013-02-25

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[11] **2,900,515**  
[13] C

[51] **Int.Cl. A23K 50/70 (2016.01) A23K 50/75 (2016.01) B01F 3/04 (2006.01) B01F 5/06 (2006.01) C02F 1/00 (2006.01) A61L 2/02 (2006.01)**  
[25] EN  
[54] **NANOBUBBLE-CONTAINING LIQUID SOLUTIONS**  
[54] **SOLUTIONS LIQUIDES CONTENANT DES NANOBULLES**  
[72] BAUER, WALTER JACOB, CA  
[73] EBED HOLDINGS INC., CA  
[86] (2900515)  
[87] (2900515)  
[22] 2014-10-03  
[62] 2,888,661

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[11] **2,902,398**  
[13] C

[51] **Int.Cl. B60B 21/02 (2006.01)**  
[25] EN  
[54] **VEHICLE WHEEL**  
[54] **ROUE DE VEHICULE**  
[72] KAMIYAMA, YOUICHI, JP  
[73] HONDA MOTOR CO., LTD., JP  
[85] 2015-08-25  
[86] 2014-02-19 (PCT/JP2014/053849)  
[87] (WO2014/132851)  
[30] JP (2013-038219) 2013-02-28

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[11] **2,903,814**  
[13] C

[51] **Int.Cl. B60K 37/02 (2006.01) B60L 11/18 (2006.01)**  
[25] EN  
[54] **REMAINING FUEL LEVEL DISPLAYING METHOD FOR FUEL CELL SYSTEM AND FUEL CELL EQUIPPED VEHICLE**  
[54] **METHODE D'AFFICHAGE DU NIVEAU DE COMBUSTIBLE RESTANT DESTINE A UN MECANISME DE PILE A COMBUSTIBLE ET VEHICULE EQUIPE D'UNE PILE A COMBUSTIBLE**  
[72] OYA, RYOSUKE, JP  
[72] WATANABE, NOBUO, JP  
[72] HASEGAWA, TAKAHIKO, JP  
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[86] (2903814)  
[87] (2903814)  
[22] 2015-09-10  
[30] JP (2014-217901) 2014-10-27

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[11] **2,908,492**  
[13] C

[51] **Int.Cl. E04D 1/28 (2006.01)**  
[25] EN  
[54] **LIGHT WEIGHT MOLDED ROOF TILE WITH INTEGRATED SOLAR CAPABILITIES**  
[54] **TUILE DE TOIT LEGERE MOULEE A CAPACITES SOLAIRES INTEGREES**  
[72] BELLAVIA, CARMEN, US  
[73] ETERNATILE, INC., US  
[85] 2015-09-30  
[86] 2014-07-25 (PCT/US2014/048111)  
[87] (WO2015/142379)  
[30] US (14/222,057) 2014-03-21

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[11] **2,908,728**  
[13] C

[51] **Int.Cl. G06F 19/00 (2011.01) G06F 3/14 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MEDICAL DATA DISPLAY**  
[54] **PROCEDE ET SYSTEME POUR AFFICHAGE DE DONNEES MEDICALES**  
[72] YOUNG, NORMAN, CA  
[72] YEH, JASPER, CA  
[72] RESNICK, JONATHAN, CA  
[72] WRANOVSKY, STEVEN RICHARD, CA  
[72] HODGES, WESLEY BRYAN, CA  
[72] HUYNH, THANH DUC, CA  
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., CA  
[86] (2908728)  
[87] (2908728)  
[22] 2015-10-14  
[30] US (14/866,007) 2015-09-25

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[11] **2,909,647**  
[13] C

[51] **Int.Cl. B29C 47/12 (2006.01) B29C 47/04 (2006.01)**  
[25] EN  
[54] **CO-EXTRUSION DIE WITH RECTANGULAR FEED CHANNEL**  
[54] **FILIERE DE CO-EXTRUSION AVEC CANAL D'ALIMENTATION RECTANGULAIRE**  
[72] PLANETA, MIROSLAV, CA  
[72] TAMBER, HARINDER, CA  
[72] ESLAMI, HASSAN, CA  
[73] MACRO TECHNOLOGY LTD., CA  
[85] 2015-10-16  
[86] 2015-04-02 (PCT/CA2015/000238)  
[87] (WO2015/149163)  
[30] US (61/974,867) 2014-04-03

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[11] **2,909,839**  
[13] C

[51] **Int.Cl. F16K 17/04 (2006.01) H01M 8/04089 (2016.01)**  
[25] EN  
[54] **PRESSURE REDUCTION VALVE AND GAS SUPPLY DEVICE**  
[54] **VANNE DE REDUCTION DE PRESSION ET DISPOSITIF D'APPROVISIONNEMENT DE GAZ**  
[72] SAITO, NORIHIKO, JP  
[72] GOTO, SOGO, JP  
[72] KONDO, MASAOKI, JP  
[72] YAMASHITA, AKIRA, JP  
[72] OKAWACHI, EIJI, JP  
[72] KUROYANAGI, MUNETOSHI, JP  
[72] KUBO, TOSHIKATSU, JP  
[72] IWAGUCHI, TAKASHI, JP  
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[73] JTEKT CORPORATION, JP  
[86] (2909839)  
[87] (2909839)  
[22] 2015-10-20  
[30] JP (2014-230453) 2014-11-13

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[11] **2,910,829**  
[13] C

[51] **Int.Cl. G06F 19/00 (2011.01) G06F 17/50 (2006.01)**  
[25] EN  
[54] **ATTRIBUTE IMPORTANCE DETERMINATION**  
[54] **DETERMINATION DE L'IMPORTANCE D'ATTRIBUTS**  
[72] RANGARAJAN, KESHAVA P., US  
[72] DURSUN, SERKAN, US  
[72] SINGH, AMIT KUMAR, US  
[73] LANDMARK GRAPHICS CORPORATION, US  
[85] 2015-10-29  
[86] 2013-12-05 (PCT/US2013/073398)  
[87] (WO2014/193474)  
[30] US (61/829,665) 2013-05-31

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25 octobre 2016**

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[11] **2,915,726**  
[13] C

[51] **Int.Cl. F01D 25/16 (2006.01) F02C 7/32 (2006.01)**

[25] FR

[54] **IMPROVED INTERMEDIATE CASING FOR TURBOMACHINE AND ACCESSORY GEARBOX DRIVE ASSEMBLY**

[54] **CARTER INTERMEDIAIRE AMELIORE DE TURBOMACHINE ET ENSEMBLE D'ENTRAINEMENT DE BOITIER D'ACCESSOIRE**

[72] LEMARCHAND, KEVIN, FR

[72] BRAULT, MICHEL GILBERT ROLAND, FR

[73] SNECMA, FR

[85] 2015-12-16

[86] 2014-06-18 (PCT/FR2014/051514)

[87] (WO2014/202905)

[30] FR (1355913) 2013-06-21

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[11] **2,919,772**  
[13] C

[51] **Int.Cl. G06K 7/00 (2006.01) G06Q 20/34 (2012.01) H04L 12/70 (2013.01) H04L 29/14 (2006.01)**

[25] EN

[54] **ENCODING DATA IN MULTIPLE FORMATS**

[54] **CODAGE DE DONNEES DANS DE MULTIPLES FORMATS**

[72] TEMPLETON, THOMAS, US

[72] POST, DANIEL JEFFREY, US

[72] TOPPANI, DOMINIQUE GILBERT, US

[72] SUTTON, ALEX, US

[73] SQUARE, INC., US

[85] 2016-01-28

[86] 2014-07-15 (PCT/US2014/046759)

[87] (WO2015/020763)

[30] US (13/961,572) 2013-08-07

[30] US (14/313,882) 2014-06-24

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[11] **2,921,272**  
[13] C

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

[25] EN

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

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

[72] KNOEPEL, RAY O., US

[72] MORRIS, DAVID E., US

[73] AOS HOLDING COMPANY, US

[86] (2921272)

[87] (2921272)

[22] 2006-12-07

[62] 2,570,575

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

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[11] **2,922,043**  
[13] C

[51] **Int.Cl. H01Q 3/06 (2006.01) H01Q 3/36 (2006.01) H01Q 5/00 (2015.01) H01Q 9/04 (2006.01) H01Q 21/08 (2006.01) H01Q 21/24 (2006.01) H01Q 21/29 (2006.01)**

[25] EN

[54] **GROUND TO AIR ANTENNA ARRAY**

[54] **RESEAU D'ANTENNES SOL-AIR**

[72] HOJJAT, NASRIN, CA

[72] GAVRILOVIC, MINYA, CA

[72] BROMLEY, DES, CA

[73] COMMUNICATION COMPONENTS ANTENNA INC., CA

[85] 2016-02-29

[86] 2015-10-30 (PCT/CA2015/051116)

[87] (2922043)

[30] US (62/107,043) 2015-01-23

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[11] **2,922,098**  
[13] C

[51] **Int.Cl. F24F 13/00 (2006.01) F24F 13/28 (2006.01) F24F 13/30 (2006.01)**

[25] EN

[54] **HEATING AND COOLING SYSTEM FOR HAZARDOUS ENVIRONMENTS**

[54] **SYSTEME DE CHAUFFAGE ET REFROIDISSEMENT POUR ENVIRONNEMENTS DANGEREUX**

[72] MYERHOLTZ, ROBERT M., JR., US

[72] DANCEY, LARRY L., CA

[73] TECHNOLOGIES HOLDINGS CORP., US

[86] (2922098)

[87] (2922098)

[22] 2016-02-26

[30] US (14/743,638) 2015-06-18

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[11] **2,923,064**  
[13] C

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/165 (2006.01) A61K 33/06 (2006.01) A61K 47/10 (2017.01) A61K 47/24 (2006.01) A61P 21/00 (2006.01) A61P 25/02 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **TRANSDERMAL COMPOSITION FOR TREATING PAIN**

[54] **COMPOSITION TRANSDERMIQUE POUR LE TRAITEMENT DE LA DOULEUR**

[72] MAALAWY, MOHEB, CA

[73] CURA HEALTH INC., CA

[85] 2016-03-03

[86] 2014-02-20 (PCT/CA2014/050117)

[87] (WO2015/123750)

# Canadian Applications Open to Public Inspection

October 9, 2016 to October 15, 2016

## Demandes canadiennes mises à la disponibilité du public

9 octobre 2016 au 15 octobre 2016

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[21] **2,885,125**  
[13] A1  
[51] **Int.Cl. A23K 20/00 (2016.01) A23K 10/00 (2016.01) A23K 50/40 (2016.01)**  
[25] EN  
[54] **PET FOOD FLAVOURING SPRAY**  
[54] **VAPORISATEUR D'AROMES POUR ALIMENTATION ANIMALE**  
[72] SAWICKA, MONIKA, CA  
[71] SAWICKA, MONIKA, CA  
[22] 2015-04-13  
[41] 2016-10-13

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[21] **2,886,535**  
[13] A1  
[51] **Int.Cl. H04W 4/22 (2009.01) H04W 64/00 (2009.01)**  
[25] EN  
[54] **UALERT MOBILE APP**  
[54] **APPLICATION MOBILE D'ALERTE D'URGENCE**  
[72] ANTYPAS, NAFSICA, CA  
[71] ANTYPAS, NAFSICA, CA  
[22] 2015-04-10  
[41] 2016-10-10

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[21] **2,887,232**  
[13] A1  
[51] **Int.Cl. A41B 9/14 (2006.01)**  
[25] EN  
[54] **SHIRT RETAINING WAISTBAND FOR UNDERGARMENT**  
[54] **BANDE DE TAILLE DE MAINTIEN DE CHEMISE POUR SOUS-VETEMENT**  
[72] ESSERY, ZACHARIAH C., CA  
[71] ESSERY, ZACHARIAH C., CA  
[22] 2015-04-09  
[41] 2016-10-09

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[21] **2,887,237**  
[13] A1  
[51] **Int.Cl. E06C 7/42 (2006.01) E06C 1/30 (2006.01)**  
[25] EN  
[54] **THE ULTIMATE LADDER STABILIZER**  
[54] **L'ULTIME STABILISATEUR D'ECHELLE**  
[72] TRAN, PHAT M., CA  
[71] TRAN, PHAT M., CA  
[22] 2015-04-09  
[41] 2016-10-09

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[21] **2,887,238**  
[13] A1  
[51] **Int.Cl. A41D 13/00 (2006.01)**  
[25] EN  
[54] **UPPER GARMENT WORN DURING OVERHEAD WELDING**  
[54] **VETEMENT PORTE AU HAUT DU CORPS PENDANT LE SOUDAGE AU-DESSUS DE LA TETE**  
[72] SCHURR, MACKENZIE D., CA  
[71] SCHURR, MACKENZIE D., CA  
[22] 2015-04-09  
[41] 2016-10-09

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[21] **2,887,522**  
[13] A1  
[51] **Int.Cl. A46B 11/00 (2006.01) A47G 29/08 (2006.01) A47K 1/09 (2006.01) A47K 5/18 (2006.01)**  
[25] EN  
[54] **TOOTHBRUSH HOLDER WITH BRISTLE TREATMENT LIQUID DISPENSER**  
[54] **SUPPORT DE BROSE A DENTS DOTE D'UN DISTRIBUTEUR DE LIQUIDE DE TRAITEMENT DE SOIES**  
[72] LAMOTHE, DENIS, CA  
[72] LAMOTHE, JEAN, CA  
[71] MAXOR INC., CA  
[22] 2015-04-13  
[41] 2016-10-11  
[30] US (62/146,292) 2015-04-11

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[21] **2,887,531**  
[13] A1  
[51] **Int.Cl. A46B 17/04 (2006.01)**  
[25] EN  
[54] **TOOTHBRUSH HOLDER**  
[54] **SUPPORT DE BROSE A DENTS**  
[72] LAMOTHE, DENIS, CA  
[72] LAMOTHE, JEAN, CA  
[71] MAXOR INC., CA  
[22] 2015-04-13  
[41] 2016-10-13

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[21] **2,887,533**  
[13] A1  
[51] **Int.Cl. E04F 21/18 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUSES FOR ALIGNING TILES**  
[54] **METHODES ET APPAREILS D'ALIGNEMENTS DE CARREAUX**  
[72] MOON, GARRY E., CA  
[71] MOON, GARRY E., CA  
[22] 2015-04-13  
[41] 2016-10-13

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[21] **2,887,534**  
[13] A1  
[51] **Int.Cl. G03B 17/00 (2006.01) G03B 19/04 (2006.01)**  
[25] EN  
[54] **POWER BANK DEVICE ENCLOSURE FOR FILM CAMERAS**  
[54] **ENCEINTE DE DISPOSITIF DE BANQUE D'ALIMENTATION POUR CAMERAS A PELLICULE**  
[72] BACIU, SANDU, CA  
[71] BACIU, SANDU, CA  
[22] 2015-04-13  
[41] 2016-10-13

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[21] **2,887,614**  
[13] A1

[51] **Int.Cl. G10H 1/00 (2006.01)**  
[25] EN  
[54] **A MULTI-POINT, FLOATING GRID, DIGITAL AUDIO WORKSTATION MODEL**  
[54] **UN MODELE DE POSTE DE TRAVAIL AUDIONUMERIQUE A GRILLE FLOTTANTE MULTIPOINT**  
[72] BROOKFIELD, WILLIAM PETER, CA  
[71] BROOKFIELD, WILLIAM PETER, CA  
[22] 2015-04-10  
[41] 2016-10-10

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[21] **2,887,719**  
[13] A1

[51] **Int.Cl. G01V 3/26 (2006.01) E21B 47/026 (2006.01) G01V 3/28 (2006.01)**  
[25] EN  
[54] **ELECTROMAGNETIC BOREHOLE SURVEY APPARATUS AND METHOD**  
[54] **APPAREIL DE LEVE DE TROU DE FORAGE ELECTROMAGNETIQUE ET METHODE**  
[72] POLZER, BENJAMIN DAVID, CA  
[72] WEST, GORDON FOX, CA  
[72] WALKER, PETER WHYTE, CA  
[71] VALE S.A., BR  
[22] 2015-04-09  
[41] 2016-10-09

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[21] **2,887,720**  
[13] A1

[51] **Int.Cl. B62D 25/20 (2006.01) B61D 17/00 (2006.01) B62D 31/02 (2006.01)**  
[25] EN  
[54] **FLOOR CONSTRUCTION FOR A VEHICLE**  
[54] **CONSTRUCTION DE PLANCHER D'UN VEHICULE**  
[72] STANTON, WILLIAM H., CA  
[71] FAROEX LTD., CA  
[22] 2015-04-14  
[41] 2016-10-14

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[21] **2,887,732**  
[13] A1

[51] **Int.Cl. E06B 5/00 (2006.01)**  
[25] EN  
[54] **CEILING HATCH**  
[54] **TRAPPE DE PLAFOND**  
[72] BONDU, MATHIEU, CA  
[71] 9249-8948 QUEBEC INC., CA  
[22] 2015-04-09  
[41] 2016-10-09

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[21] **2,887,740**  
[13] A1

[51] **Int.Cl. E21B 43/117 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR CREATING AND CUSTOMIZING INTERSECTING JETS WITH OILFIELD SHAPED CHARGES**  
[54] **APPAREIL SERVANT A CREER ET PERSONNALISER LE CROISEMENT DE JETS ET DE CHARGES EN FORME DE CHAMP PETROLIER**  
[72] GEORGE, KEVIN R., US  
[72] ROLLINS, JAMES A., US  
[72] CLARK, NATHAN, US  
[71] GEODYNAMICS, INC., US  
[22] 2015-04-09  
[41] 2016-10-09

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[21] **2,887,743**  
[13] A1

[51] **Int.Cl. A47K 1/02 (2006.01) A45F 3/00 (2006.01) A47K 10/22 (2006.01) B65D 83/08 (2006.01)**  
[25] EN  
[54] **PORTABLE TOILET PAPER DISPENSER ATTACHABLE TO A PORTABLE HYGIENE STORAGE BOX**  
[54] **DISTRIBUTEUR DE PAPIER HYGIENIQUE PORTATIF POUVANT ETRE FIXE A UNE BOITE DE RANGEMENT DE PRODUITS HYGIENIQUES PORTATIVE**  
[72] RAJAEI, FARIBORZ, CA  
[71] RAJAEI, FARIBORZ, CA  
[22] 2015-04-14  
[41] 2016-10-14

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[21] **2,887,751**  
[13] A1

[51] **Int.Cl. H04H 20/28 (2009.01) H04H 20/36 (2009.01) H04J 11/00 (2006.01)**  
[25] EN  
[54] **MULTIPLEX OF HIGH DEFINITION RADIO STATIONS**  
[54] **MULTIPLEXAGE DE POSTES DE RADIO HAUTE DEFINITION**  
[72] SCHMID, PHILIPP, CA  
[72] WALKER, BRIAN, CA  
[71] NAUTEL LIMITED, CA  
[22] 2015-04-10  
[41] 2016-10-10

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[21] **2,887,768**  
[13] A1

[51] **Int.Cl. E02D 27/00 (2006.01) E02D 31/02 (2006.01)**  
[25] EN  
[54] **PREFABRICATED WALL MODULE AND METHOD FOR BUILDING A FOUNDATION WALL**  
[54] **MODULE DE MUR PREFABRIQUE ET METHODE DE CONSTRUCTION D'UN MUR DE FONDATION**  
[72] WOZNUK, WADE A., CA  
[71] WOZNUK, WADE A., CA  
[22] 2015-04-10  
[41] 2016-10-10

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[21] **2,887,802**  
[13] A1

[51] **Int.Cl. B61L 29/00 (2006.01)**  
[25] EN  
[54] **ELECTRONIC SYSTEM FOR PREVENTING COLLISIONS BETWEEN TRAINS AND VEHICLES AT RAILROAD CROSSING**  
[54] **SYSTEME ELECTRONIQUE DE PREVENTION DES COLLISIONS ENTRE LES TRAINS ET LES VEHICULES AU PASSAGE A NIVEAU**  
[72] BLUNDELL, TERRY, CA  
[71] BLUNDELL, TERRY, CA  
[22] 2015-04-15  
[41] 2016-10-15

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[21] **2,887,806**  
[13] A1

[51] **Int.Cl. F16K 21/08 (2006.01) F16K 1/14 (2006.01) F16K 31/56 (2006.01) G01N 1/20 (2006.01) G01N 1/22 (2006.01)**

[25] EN

[54] **HAND CONTROLLED NORMALLY CLOSED VALVE**

[54] **CONTROLE MANUEL D'UNE SOUPE NORMALEMENT FERMEE**

[72] KOWERCHUK, RONALD M., CA  
[71] 101247262 SASKATCHEWAN LTD., CA

[22] 2015-04-15  
[41] 2016-10-15

[21] **2,887,808**  
[13] A1

[51] **Int.Cl. G01M 17/00 (2006.01) B60K 28/00 (2006.01)**

[25] EN

[54] **VEHICLE SAFETY-INSPECTION APPARATUS**

[54] **APPAREIL D'INSPECTION DE SECURITE D'UN VEHICULE**

[72] TOUTANT, GRANT, CA  
[72] SMITH, DUNCAN, CA  
[72] MONEY, TRISTAN, CA  
[71] TOUTANT, GRANT, CA  
[71] SMITH, DUNCAN, CA  
[71] MONEY, TRISTAN, CA

[22] 2015-04-15  
[41] 2016-10-15

[21] **2,887,810**  
[13] A1

[51] **Int.Cl. G01N 27/22 (2006.01)**

[25] EN

[54] **MOISTURE DETECTION APPARATUS**

[54] **APPAREIL DE DETECTION DE L'HUMIDITE**

[72] CHEN, YONGCHUANG, CA  
[71] CHEN, YONGCHUANG, CA

[22] 2015-04-15  
[41] 2016-10-15

[21] **2,887,823**  
[13] A1

[51] **Int.Cl. A21D 8/00 (2006.01) A21D 8/06 (2006.01)**

[25] EN

[54] **COMPOSITION, BAKING PROCEDURE AND UNIQUE APPEARANCE OF A FLAKEY, CRISPY AND NUTRIENT DENSE CRACKERS WITHOUT ADDITION OF ANY LEAVENING AGENT OR FAT. CRACKERS MAY BE GLUTEN FREE OR NOT.**

[54] **COMPOSITION, PROCEDE DE CUISSON ET APPARENCE UNIQUE DE CRAQUELINS FEUILLETES, CROQUANTS ET A FORTE TENEUR EN NUTRIMENTS SANS AJOUT D~AGENT DE LEVAGE OU DE GRAS - LES CRAQUELINS POUVANT CONTENIR DU GLUTEN OU ETRE EXEMPTS DE GLUTEN**

[72] ELSAYYED, MAHITAB, CA  
[72] KALACHE, MAHA, CA  
[71] ELSAYYED, MAHITAB, CA  
[71] KALACHE, MAHA, CA

[22] 2015-04-15  
[41] 2016-10-15

[21] **2,887,828**  
[13] A1

[51] **Int.Cl. B05D 1/32 (2006.01)**

[25] EN

[54] **PRODUCT AND METHOD FOR USE IN STREAMLINING SPRAY FOAM APPLICATIONS**

[54] **PRODUIT ET METHODE DESTINES A REDUIRE LES APPLICATIONS DE MOUSSE PAR PULVERISATION**

[72] UPPER, JOE, CA  
[71] DARREN WATSON, CA  
[71] UPPER, JOE, CA

[22] 2015-04-10  
[41] 2016-10-10

[21] **2,887,835**  
[13] A1

[51] **Int.Cl. B01D 21/28 (2006.01) B01D 21/24 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR SEPARATION OF SUSPENDED SOLIDS FROM WASTE FLUID**

[54] **SYSTEME ET METHODE DE SEPARATION DE SOLIDES EN SUSPENSION DES LIQUIDES DE DECHETS**

[72] DUNNE, PATRICK, CA  
[71] INNOVATION WATER CLARIFICATION INC., CA

[22] 2015-04-14  
[41] 2016-10-14

[21] **2,887,918**  
[13] A1

[51] **Int.Cl. B01D 21/28 (2006.01) B01D 21/24 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR SEPARATION OF SUSPENDED SOLIDS FROM WASTE FLUID**

[54] **SYSTEME ET METHODE DE SEPARATION DE SOLIDES EN SUSPENSION DES LIQUIDES DE DECHETS**

[72] DUNNE, PATRICK, CA  
[71] INNOVATION WATER CLARIFICATION INC., CA

[22] 2015-04-13  
[41] 2016-10-13

[21] **2,887,972**  
[13] A1

[51] **Int.Cl. G06K 7/10 (2006.01) G06K 19/07 (2006.01) G09F 7/00 (2006.01) G01V 3/12 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR IDENTIFYING LOCATIONS OF MOBILE ELEMENTS IN A FACILITY WITH A NUMBER OF REGIONS**

[54] **SYSTEME ET METHODE SERVANT A DETERMINER L'EMPLACEMENT D'ELEMENTS MOBILES DANS UNE INSTALLATION COMPORTANT PLUSIEURS REGIONS**

[72] ARSENAULT, GILLES, CA  
[72] HOULE, MARCEL, CA  
[72] DOHERTY, TIM, CA  
[71] K4 INTEGRATION INC., CA

[22] 2015-04-09  
[41] 2016-10-09

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[21] **2,887,973**  
[13] A1

[51] **Int.Cl. G06Q 10/08 (2012.01) E05B 47/00 (2006.01) E05G 1/02 (2006.01)**  
[25] EN  
[54] **METHOD FOR HANDLING MOTOR VEHICLE KEYS**  
[54] **METHODE DE TRAITEMENT DES CLES DE VEHICULE A MOTEUR**  
[72] LUSH, DAVID EARL, CA  
[71] LUSH, DAVID EARL, CA  
[22] 2015-04-10  
[41] 2016-10-09  
[30] US (14/682,497) 2015-04-09

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[21] **2,888,014**  
[13] A1

[51] **Int.Cl. A01C 7/06 (2006.01) A01C 15/00 (2006.01) B65G 41/00 (2006.01)**  
[25] EN  
[54] **FILLING AIR SEEDER PRODUCT TANKS**  
[54] **REMPLISSAGE DE RESERVOIRS DE PRODUIT DE SEMEUSE PNEUMATIQUE**  
[72] BEAUJOT, NORBERT, CA  
[72] KINCH, OWEN, CA  
[72] OTTENBREIT, TIMOTHY, CA  
[71] SEEDMASTER MANUFACTURING LTD., CA  
[22] 2015-04-14  
[41] 2016-10-14

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[21] **2,888,080**  
[13] A1

[51] **Int.Cl. G06Q 50/16 (2012.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR AIDING NEIGHBORHOOD SELECTION**  
[54] **SYSTEME ET METHODE D'AIDE A LA SELECTION DE QUARTIER**  
[72] STEWART, CRAIG, CA  
[71] DIRK DARIN JAMES INC., CA  
[22] 2015-04-15  
[41] 2016-10-15

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[21] **2,888,236**  
[13] A1

[51] **Int.Cl. C04B 7/30 (2006.01) C04B 18/04 (2006.01)**  
[25] EN  
[54] **METHOD FOR PREPARING A TRAFFICABLE TAILINGS DEPOSIT**  
[54] **METHODE DE PREPARATION D'UN DEPOT DE RESIDUS ECHANGEABLES**  
[72] YUAN, SIMON, CA  
[72] LORENTZ, JAMES, CA  
[72] MIKULA, RANDY, CA  
[71] SYNCRUDE CANADA LTD., CA  
[22] 2015-04-14  
[41] 2016-10-14

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[21] **2,888,535**  
[13] A1

[51] **Int.Cl. F16B 35/00 (2006.01)**  
[25] EN  
[54] **ANTI-VIBRATION LOCKING STUD**  
[54] **MONTANT DE BLOPAGE ANTI VIBRATION**  
[72] MURRAY, DANIEL J., CA  
[71] MURRAY, DANIEL J., CA  
[22] 2015-04-09  
[41] 2016-10-09

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[21] **2,888,705**  
[13] A1

[51] **Int.Cl. A47G 9/00 (2006.01) A47C 21/00 (2006.01) A47G 9/10 (2006.01)**  
[25] EN  
[54] **APPARATUS HAVING PILLOWCASE AND CADDY SECTION**  
[54] **APPAREIL COMPORTANT UNE TAIE D'OREILLER ET UNE SECTION DE RANGEMENT**  
[72] JURADO, CINDY SIMPSON, CA  
[72] JURADO, JUDD, CA  
[71] JURADO, CINDY SIMPSON, CA  
[71] JURADO, JUDD, CA  
[22] 2015-04-22  
[41] 2016-10-13  
[30] US (14/684,567) 2015-04-13

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[21] **2,889,071**  
[13] A1

[51] **Int.Cl. B62D 37/02 (2006.01) B60R 99/00 (2009.01) B62D 35/00 (2006.01) B62D 35/02 (2006.01) F15D 1/10 (2006.01)**  
[25] FR  
[54] **AERODYNAMIC DEVICE FOR THE AILERONS AND DIFFUSERS ON AN AUTOMOBILE**  
[54] **DISPOSITIF AERODYNAMIQUE POUR LES AILERONS ET LES DIFFUSEURS D'UNE AUTOMOBILE**  
[72] TREMBLAY, VINCENT, CA  
[71] TREMBLAY, VINCENT, CA  
[22] 2015-04-15  
[41] 2016-10-15

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[21] **2,889,218**  
[13] A1

[51] **Int.Cl. A47B 57/58 (2006.01) A47B 65/00 (2006.01) A47B 96/02 (2006.01) A47F 5/00 (2006.01) B65G 1/14 (2006.01)**  
[25] EN  
[54] **ADJUSTABLE SLIDING PIN ASSEMBLY FOR SHELVING DIVIDERS**  
[54] **MECANISME DE TIGE COULISSANTE AJUSTABLE DESTINE A DES SEPARATEURS DE TABLETTE**  
[72] VOGLER, MICHAEL, CA  
[72] POLLOCK, JOEL, CA  
[71] MARKETING IMPACT LIMITED, CA  
[22] 2015-04-23  
[41] 2016-10-15  
[30] US (14/687,433) 2015-04-15

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[21] **2,889,897**  
[13] A1

[51] **Int.Cl. E21B 34/06 (2006.01) F04B 53/10 (2006.01)**  
[25] EN  
[54] **TRAVELING VALVE ASSEMBLY AND METHOD THEREFOR**  
[54] **DISPOSITIF DE CLAPET DE REFOULEMENT ET METHODE ASSOCIEE**  
[72] FORD, MICHAEL BRENT, US  
[71] FORD, MICHAEL BRENT, US  
[22] 2015-04-30  
[41] 2016-10-14  
[30] US (14/686,337) 2015-04-14

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[21] **2,890,487**  
[13] A1

[51] **Int.Cl. A41C 3/12 (2006.01) A41C 3/00 (2006.01)**  
[25] EN  
[54] **BREAST SUPPORT FOR A GARMENT OR GARMENT PART**  
[54] **SUPPORT DE POITRINE DESTINE A UN VETEMENT OU A UNE PARTIE D'UN VETEMENT**  
[72] YIP, KWAN YIN, HK  
[71] CLOVER MYSTIQUE CO. LIMITED, HK  
[22] 2015-05-04  
[41] 2016-10-15  
[30] US (14/687,852) 2015-04-15

[21] **2,891,645**  
[13] A1

[51] **Int.Cl. E21B 43/267 (2006.01)**  
[25] EN  
[54] **GAS DIVERTER FOR WELL AND RESERVOIR STIMULATION**  
[54] **DEFLECTEUR DE GAZ DESTINE A LA STIMULATION D'UN PUITES ET D'UN RESERVOIR**  
[72] MENDELL, PAUL E., US  
[71] DIVERSION TECHNOLOGIES, LLC, US  
[22] 2015-05-13  
[41] 2016-10-09  
[30] US (62/145,439) 2015-04-09  
[30] US (14/690,208) 2015-04-17

[21] **2,892,865**  
[13] A1

[51] **Int.Cl. E03C 1/02 (2006.01)**  
[25] EN  
[54] **PLUMBING OUTLET BOX WITH MOUNTING FEATURES**  
[54] **BOITE DE PRISE DE TUYAUTERIE DOTE DE FONCTIONNALITES D'INSTALLATION**  
[72] WHITEHEAD, JAMES H., US  
[72] HUMBER, JEFFREY A., US  
[71] IPS CORPORATION, US  
[22] 2015-05-22  
[41] 2016-10-09  
[30] US (14/682645) 2015-04-09

[21] **2,892,872**  
[13] A1

[51] **Int.Cl. B22F 7/00 (2006.01)**  
[25] EN  
[54] **SUPERALLOY COMPOSITE PREFORMS AND APPLICATIONS THEREOF**  
[54] **PREFORMES DE COMPOSITE DE SUPERALLIAGE ET APPLICATIONS ASSOCIEES**  
[72] PEREZ, MARTIN GERARDO, US  
[72] DAWSON, JOEL, US  
[72] DE WET, DANIEL J., CA  
[72] MONDS, BOB, CA  
[71] KENNAMETAL INC., US  
[22] 2015-05-28  
[41] 2016-10-14  
[30] US (14/686,423) 2015-04-14

[21] **2,893,909**  
[13] A1

[51] **Int.Cl. E21B 43/26 (2006.01) C09K 8/70 (2006.01) E21B 43/27 (2006.01)**  
[25] EN  
[54] **GAS DIVERTER FOR WELL AND RESERVOIR STIMULATION**  
[54] **DEFLECTEUR DE GAZ DESTINE A LA STIMULATION D'UN PUITES ET D'UN RESERVOIR**  
[72] MENDELL, PAUL E., US  
[71] DIVERSION TECHNOLOGIES, LLC, US  
[22] 2015-06-05  
[41] 2016-10-09  
[30] US (62/145,439) 2015-04-09  
[30] US (14/690,208) 2015-04-17  
[30] US (14/728,719) 2015-06-02

[21] **2,896,000**  
[13] A1

[51] **Int.Cl. B29C 45/26 (2006.01)**  
[25] EN  
[54] **MOLD FOR RESIN INJECTION MOLDING**  
[54] **MOULE DESTINE AU MOULAGE DE RESINE PAR INJECTION**  
[72] AMAYA, KOUICHI, JP  
[72] URUSHIZAKI, YUKINORI, JP  
[72] TANAKA, RYUZO, JP  
[71] MATSUURA MACHINERY CORPORATION, JP  
[22] 2015-06-30  
[41] 2016-10-10  
[30] JP (JP 2015-081079) 2015-04-10

[21] **2,899,098**  
[13] A1

[51] **Int.Cl. A01D 46/02 (2006.01)**  
[25] EN  
[54] **PORTABLE HOPS HARVESTER**  
[54] **MOISSONNEUSES DE CONES DE HOUBLON PORTATIVES**  
[72] BONZO, JOHN, US  
[72] HEINTZ, JEFFREY, US  
[71] HOPSHARVESTER LLC, US  
[22] 2015-07-31  
[41] 2016-10-09  
[30] US (62/145,252) 2015-04-09  
[30] US (62/168,201) 2015-05-29

[21] **2,904,977**  
[13] A1

[51] **Int.Cl. B65D 85/00 (2006.01)**  
[25] EN  
[54] **PACKING BOX FOR PHWR FUEL ASSEMBLY**  
[54] **BOITE A GARNITURE DE DISPOSITIF DE CARBURANT DE REACTEUR A EAU LOURDE SOUS PRESSION**  
[72] KWON, KI JUN, KR  
[72] SO, DAL YOUNG, KR  
[72] SEOK, CHANG KYU, KR  
[72] KANG, SEOK WON, KR  
[72] PARK, SUN HO, KR  
[71] KEPSCO NUCLEAR FUEL CO., LTD., KR  
[22] 2015-09-25  
[41] 2016-10-15  
[30] KR (10-2015-0053342) 2015-04-15

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[21] **2,907,290**  
[13] A1

[51] **Int.Cl. H04B 1/40 (2015.01) H04N 19/61 (2014.01) H01R 13/66 (2006.01)**

[25] EN

[54] **STANDARDIZED HOT-PLUGGABLE TRANSCEIVING UNIT WITH A CHIPSET MECHANICALLY ANCHORED AND ELECTRICALLY CONNECTED TO A BOARD**

[54] **MODULE EMETTEUR-RECEPTEUR PRET A L'EMPLOI NORMALISE DOTE D'UN ENSEMBLE DE PUCES ANCRE MECANIQUEMENT ET RELIEE ELECTRIQUEMENT A UNE CARTE DE CIRCUIT**

[72] LAVOIE, RENAUD, CA  
[72] DUDEMAINE, ERIC, CA  
[71] EMBRIONIX DESIGN INC., CA  
[22] 2015-10-09  
[41] 2016-10-10  
[30] US (14/683,534) 2015-04-10

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[21] **2,913,812**  
[13] A1

[51] **Int.Cl. F16H 61/20 (2006.01) B60W 30/18 (2012.01) F16H 61/40 (2010.01)**

[25] EN

[54] **DRIFT CONTROL SYSTEM OF A WORK MACHINE AND METHOD THEREOF**

[54] **SYSTEME DE CONTROLE DE DERIVE D'UNE MACHINE DE TRAVAIL ET METHODE ASSOCIEE**

[72] NEUMANN, BRYON, CA  
[72] DISABATINO, BENJAMIN, CA  
[71] DEERE & COMPANY, US  
[22] 2015-12-02  
[41] 2016-10-14  
[30] US (14/685,873) 2015-04-14

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[21] **2,913,970**  
[13] A1

[51] **Int.Cl. B05B 3/04 (2006.01) A01G 25/16 (2006.01)**

[25] EN

[54] **ABOVE GROUND SPRINKLER**

[54] **GICLEUR HORS SOL**

[72] LO, SHUN-NAN, TW  
[71] YUAN-MEI CORP., TW  
[22] 2015-12-03  
[41] 2016-10-14  
[30] US (14/685,606) 2015-04-14

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[21] **2,915,465**  
[13] A1

[51] **Int.Cl. F04B 53/10 (2006.01) F04B 47/12 (2006.01)**

[25] EN

[54] **HYDRAULICALLY POWERED BALL VALVE LIFT APPARATUS AND METHOD FOR DOWNHOLE PUMP TRAVELLING VALVES**

[54] **APPAREIL DE LEVAGE A CLAPET A BILLE A COMMANDE HYDRAULIQUE ET PROCEDE CONCERNANT LES CLAPETS DE REFOULEMENT DE POMPE DE FOND DE TROU**

[72] KOWALCHUK, ALEXANDER, CA  
[71] TRU LIFT SUPPLY INC., CA  
[22] 2015-12-17  
[41] 2016-10-14  
[30] US (14/686,020) 2015-04-14

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[21] **2,918,142**  
[13] A1

[51] **Int.Cl. B64D 45/00 (2006.01) B64C 9/14 (2006.01)**

[25] EN

[54] **AIRCRAFT WING SLAT SKEW DETECTION SYSTEMS AND METHODS**

[54] **SYSTEMES DE DETECTION D'INCLINAISON DE BEC DE BORD D'ATTAQUE D'UN AERONEF ET METHODES**

[72] ANDERSON, RANDALL EUGENE, US  
[71] THE BOEING COMPANY, US  
[22] 2016-01-19  
[41] 2016-10-09  
[30] US (14/683036) 2015-04-09

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[21] **2,918,982**  
[13] A1

[51] **Int.Cl. A47C 27/00 (2006.01)**

[25] EN

[54] **COIL STRING STAGING AREA APPARATUS AND METHOD**

[54] **APPAREIL DE POSITIONNEMENT DE FIL DE BOBINE ET METHODE**

[72] FOWLER, GREGORY, US  
[72] JAN, FRANCIS G., US  
[71] DREAMWELL, LTD., US  
[22] 2016-01-25  
[41] 2016-10-15  
[30] US (62/147,887) 2015-04-15

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[21] **2,919,289**  
[13] A1

[51] **Int.Cl. B60G 3/20 (2006.01) B60G 7/00 (2006.01) B60G 15/12 (2006.01)**

[25] EN

[54] **IFS INCLUDING CONTROL ARM AND STRUT SUPPORTED BY STEERING KNUCKLE LOAD ARM**

[54] **IFS COMPORTANT UN BRAS DE COMMANDE ET UN MONTANT SOUTENU PAR UN BRAS DE CHARGEMENT DE FUSEE DE DIRECTION**

[72] HINZ, JOHN A., US  
[71] REYCO GRANNING, LLC, US  
[22] 2016-01-28  
[41] 2016-10-13  
[30] US (14/684,688) 2015-04-13

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[21] **2,919,295**  
[13] A1

[51] **Int.Cl. B60G 15/12 (2006.01) B60G 3/18 (2006.01) B60G 7/00 (2006.01)**

[25] EN

[54] **STRUT AND AIR SPRING IFS ASSEMBLY MAXIMIZING AVAILABLE STEERING KNUCKLE WHEEL CUT**

[54] **ENSEMBLE DE MONTANT ET IFS A RESSORT PNEUMATIQUE MAXIMISANT LA DISPONIBILITE DE LA ROUE DE COUPE DE LA FUSEE DE DIRECTION**

[72] HINZ, JOHN A., US  
[71] REYCO GRANNING, LLC, US  
[22] 2016-01-28  
[41] 2016-10-13  
[30] US (14/684,668) 2015-04-13

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[21] **2,919,298**  
[13] A1

[51] **Int.Cl. B60G 7/00 (2006.01) B60G 15/12 (2006.01)**

[25] EN

[54] **INDEPENDENT FRONT SUSPENSION MODULE FOR INSTALLATION INTO A VEHICLE**

[54] **MODULE DE SUSPENSION AVANT INDEPENDANT DESTINE A UNE INSTALLATION SUR UN VEHICULE**

[72] HINZ, JOHN A., US  
[71] REYCO GRANNING, LLC, US  
[22] 2016-01-28  
[41] 2016-10-13  
[30] US (14/684,735) 2015-04-13

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**Canadian Applications Open to Public Inspection  
October 9, 2016 to October 15, 2016**

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[21] **2,919,299**  
[13] A1

[51] **Int.Cl. B60G 7/02 (2006.01) B60G 15/12 (2006.01)**  
[25] EN  
[54] **IFS INCLUDING STRUT PIVOTALLY SECURED TO CHASSIS THROUGH TORQUE TUBE ASSEMBLY**  
[54] **IFS COMPORTANT UN MONTANT FIXE AU CHASSIS DE MANIERE PIVOTANTE AU MOYEN D~UN DISPOSITIF DE TUBE DE COUPLE**  
[72] HINZ, JOHN A., US  
[71] REYCO GRANNING, LLC, US  
[22] 2016-01-28  
[41] 2016-10-13  
[30] US (14/684,721) 2015-04-13

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[21] **2,919,302**  
[13] A1

[51] **Int.Cl. B60G 7/02 (2006.01)**  
[25] EN  
[54] **IFS INCLUDING STRUT PIVOTALLY SECURED TO CHASSIS WITH CLEVIS RING**  
[54] **IFS COMPORTANT UN MONTANT FIXE AU CHASSIS DE MANIERE PIVOTANTE AU MOYEN D~UN ANNEAU A MANILLE**  
[72] HINZ, JOHN A., US  
[71] REYCO GRANNING, LLC, US  
[22] 2016-01-28  
[41] 2016-10-13  
[30] US (14/684,697) 2015-04-13

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[21] **2,919,342**  
[13] A1

[51] **Int.Cl. G01M 13/00 (2006.01) B64D 43/00 (2006.01) G01M 17/00 (2006.01)**  
[25] EN  
[54] **CHECK DEVICE FOR FLIGHT ACTUATOR PRIMARY LOAD PATH FAILURE DETECTION DEVICE**  
[54] **DISPOSITIF DE VERIFICATION DESTINE A UN DISPOSITIF DE DETECTION DE DEFAILLANCE DE CHEMIN DE CHARGE PRIMAIRE D'ACTIONNEUR**  
[72] MOULON, THOMAS, FR  
[72] AMARAL, RUI, FR  
[71] GOODRICH ACTUATION SYSTEMS SAS, FR  
[22] 2016-01-27  
[41] 2016-10-15  
[30] EP (15305565.2) 2015-04-15  
[30] EP (15305569.4) 2015-04-15

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[21] **2,919,455**  
[13] A1

[51] **Int.Cl. A01G 25/02 (2006.01)**  
[25] EN  
[54] **SPRINKLER**  
[54] **GICLEUR**  
[72] LO, SHUN-NAN, TW  
[71] YUAN-MEI CORP., TW  
[22] 2016-02-01  
[41] 2016-10-14  
[30] US (14/685,606) 2015-04-14

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[21] **2,919,512**  
[13] A1

[51] **Int.Cl. B64C 25/36 (2006.01) B60B 35/02 (2006.01) F16C 3/02 (2006.01)**  
[25] EN  
[54] **AXLE SLEEVE**  
[54] **MANCHON D'ESSIEU**  
[72] GANIS, RONY, CA  
[71] GOODRICH CORPORATION, US  
[22] 2016-01-28  
[41] 2016-10-10  
[30] US (14/683,562) 2015-04-10

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[21] **2,919,648**  
[13] A1

[51] **Int.Cl. A61K 47/44 (2006.01) A61K 47/14 (2006.01)**  
[25] EN  
[54] **NATURAL SOLUBILIZER AGENT COMPRISING A SYNERGISTIC BLEND OF HEPTYL GLUCOSIDE AND OLIVE OIL GLYCERETH-8 ESTERS FOR TRANSDERMAL COMPOSITIONS**  
[54] **AGENT SOLUBILISANT NATUREL RENFERMANT UN MELANGE SYNERGIQUE D'HEPTYL GLUCOSIDE ET D'ESTERS 8-GLYCERETH A DES COMPOSITIONS TRANSDERMIQUES**  
[72] BANOVA, DANIEL, US  
[71] PROFESSIONAL COMPOUNDING CENTERS OF AMERICA (PCCA), US  
[22] 2016-02-02  
[41] 2016-10-09  
[30] US (14/682,317) 2015-04-09

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[21] **2,919,673**  
[13] A1

[51] **Int.Cl. A61K 47/26 (2006.01) A61K 31/565 (2006.01) A61K 47/14 (2006.01)**  
[25] EN  
[54] **USE OF HEPTYL GLUCOSIDE AS SKIN PENETRATION ENHANCER IN TRANSDERMAL PHARMACEUTICAL COMPOSITIONS**  
[54] **UTILISATION D'HEPTYL GLUCOSIDE COMME AGENT AMELIORANT LA PENETRATION CUTANEE DES COMPOSITIONS PHARMACEUTIQUES TRANSDERMIQUES**  
[72] BANOVA, DANIEL, US  
[71] PROFESSIONAL COMPOUNDING CENTERS OF AMERICA (PCCA), US  
[22] 2016-02-02  
[41] 2016-10-09  
[30] US (14/682,419) 2015-04-09

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[21] **2,921,054**  
[13] A1

[51] **Int.Cl. G01D 18/00 (2006.01) G06F 17/10 (2006.01) G06N 3/02 (2006.01)**  
[25] EN  
[54] **ANOMALY DETECTION SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE DETECTION D'ANOMALIE**  
[72] MALHOTRA, PANKAJ, IN  
[72] VIG, LOVEKESH, IN  
[72] SHROFF, GAUTAM, IN  
[72] AGARWAL, PUNEET, IN  
[71] TATA CONSULTANCY SERVICES LIMITED, IN  
[22] 2016-02-17  
[41] 2016-10-10  
[30] IN (1516/MUM/2015) 2015-04-10

**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,921,111**  
[13] A1

[51] **Int.Cl. B64D 11/00 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR POSITIONING A SECTION DIVIDER ASSEMBLY WITHIN A VEHICLE**

[54] **SYSTEMES ET METHODES DE POSITIONNEMENT D'UN DISPOSITIF SEPARATEUR DE SECTION A L'INTERIEUR D'UN VEHICULE**

[72] WALTON, BRENT CLARENCE, US  
[72] HEROLD, WILLIAM F., US  
[72] NGUYEN, HUNG QUANG, US  
[72] BASS, KEVIN DUANE, US  
[72] SCHWITTERS, CHRISTOPHER L., US

[71] THE BOEING COMPANY, US  
[22] 2016-02-17  
[41] 2016-10-09  
[30] US (14/682,197) 2015-04-09

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[21] **2,921,112**  
[13] A1

[51] **Int.Cl. B64D 11/00 (2006.01)**  
[25] EN  
[54] **OVERHEAD STOWAGE BIN ASSEMBLY FOR A VEHICLE**

[54] **CASIER DE RANGEMENT SURELEVE DESTINE A UN VEHICULE**

[72] WALTON, BRENT CLARENCE, US  
[72] HEROLD, WILLIAM F., US  
[72] NGUYEN, HUNG QUANG, US  
[72] BASS, KEVIN DUANE, US  
[71] THE BOEING COMPANY, US  
[22] 2016-02-17  
[41] 2016-10-09  
[30] US (14/682,217) 2015-04-09

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[21] **2,921,117**  
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/34 (2006.01) A61B 17/115 (2006.01)**  
[25] EN  
[54] **ADAPTER, EXTENSION, AND CONNECTOR ASSEMBLIES FOR SURGICAL DEVICES**

[54] **DISPOSITIFS D'ADAPTATEUR, DE RALLONGE ET DE RACCORD POUR APPAREILS CHIRURGICAUX**

[72] RICHARD, PAUL, US  
[72] CABRERA, RAMIRO, US  
[72] PAUL, STEPHEN, US  
[72] SAPIENZA, JONATHAN, US  
[71] COVIDIEN LP, US  
[22] 2016-02-18  
[41] 2016-10-10  
[30] US (62/145,759) 2015-04-10  
[30] US (14/991,157) 2016-01-08

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[21] **2,921,119**  
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 17/115 (2006.01)**  
[25] EN  
[54] **ADAPTER ASSEMBLY WITH GIMBAL FOR INTERCONNECTING ELECTROMECHANICAL SURGICAL DEVICES AND SURGICAL LOADING UNITS, AND SURGICAL SYSTEMS THEREOF**

[54] **DISPOSITIF D'ADAPTATEUR DOTE D'UNE SUSPENSION A CARDAN DESTINE A LA CONNEXION DE DISPOSITIFS CHIRURGICAUX ET DE MODULES DE CHARGEURS CHIRURGICAUX, ET DISPOSITIFS CHIRURGICAUX ASSOCIES**

[72] NICHOLAS, DAVID, US  
[72] PRIBANIC, RUSSELL, US  
[71] COVIDIEN LP, US  
[22] 2016-02-18  
[41] 2016-10-10  
[30] US (62/145,794) 2015-04-10  
[30] US (14/991,401) 2016-01-08

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[21] **2,921,818**  
[13] A1

[51] **Int.Cl. B64C 13/24 (2006.01)**  
[25] EN  
[54] **NO-BACK DEVICE FOR FLIGHT CONTROL SURFACE ACTUATOR**

[54] **DISPOSITIF SANS RETOUR SERVANT A UN ACTIONNEUR DE SURFACE DE COMMANDE DE VOL**

[72] TURPIN, PIERRE, FR  
[72] MOULON, THOMAS, FR  
[71] GOODRICH ACTUATION SYSTEMS SAS, FR  
[22] 2016-02-24  
[41] 2016-10-09  
[30] EP (15305521.5) 2015-04-09

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[21] **2,922,065**  
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DETERMINING A SEQUENCE FOR PERFORMING A PLURALITY OF TASKS**

[54] **SYSTEME ET METHODE PERMETTANT DE DETERMINER UNE SEQUENCE DE REALISATION D'UNE PLURALITE DE TACHES**

[72] JONES, NICHOLAUS ADAM, US  
[72] JONES, MATTHEW ALLEN, US  
[72] TAYLOR, ROBERT JAMES, US  
[71] WAL-MART STORES, INC., US  
[22] 2016-02-29  
[41] 2016-10-09  
[30] US (62/145,076) 2015-04-09

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[21] **2,922,176**  
[13] A1

[51] **Int.Cl. A01M 31/00 (2006.01) A01M 31/06 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHODS FOR ATTRACTING AND/OR REPELLING ANIMALS**

[54] **APPAREILS ET METHODES SERVANT A ATTIRER OU REPOUSSER DES ANIMAUX**

[72] EVENSON, JOHN E., III, US  
[72] HERRMANN, NATHAN L., US  
[71] EVENSON, JOHN E., III, US  
[71] HERRMANN, NATHAN L., US  
[22] 2016-03-01  
[41] 2016-10-10  
[30] US (62/145,639) 2015-04-10  
[30] US (15/055,042) 2016-02-26

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**Canadian Applications Open to Public Inspection  
October 9, 2016 to October 15, 2016**

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[21] **2,922,378**  
[13] A1

[51] **Int.Cl. G03G 9/08 (2006.01) B41F 23/08 (2006.01) C08J 3/12 (2006.01)**  
[25] EN  
[54] **CLEAR TONER COMPOSITIONS**  
[54] **COMPOSITIONS D'ENCRE SECHE CLAIRE**  
[72] MORALES-TIRADO, JUAN A., US  
[72] IANNI, JOHN JAMES, US  
[72] WAGNER, MORITZ P., US  
[71] XEROX CORPORATION, US  
[22] 2016-03-07  
[41] 2016-10-09  
[30] US (14/682948) 2015-04-09

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[21] **2,923,239**  
[13] A1

[51] **Int.Cl. A61B 17/072 (2006.01) A61B 17/064 (2006.01) A61B 17/068 (2006.01)**  
[25] EN  
[54] **ENDOSCOPIC STAPLER**  
[54] **AGRAFEUSE ENDOSCOPIQUE**  
[72] KOSTRZEWSKI, STANISLAW, US  
[71] COVIDIEN LP, US  
[22] 2016-03-08  
[41] 2016-10-10  
[30] US (62/145,857) 2015-04-10  
[30] US (14/994,228) 2016-01-13

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[21] **2,923,668**  
[13] A1

[51] **Int.Cl. C08L 67/02 (2006.01) B29C 70/12 (2006.01) C08J 5/04 (2006.01) C08K 3/22 (2006.01) C08K 7/02 (2006.01)**  
[25] EN  
[54] **THERMOSET POLYMER UTILITY VAULT LID**  
[54] **COUVERCLE DE VOUTE UTILITAIRE EN POLYMERE THERMOFIXE**  
[72] BURKE, EDWARD J., US  
[72] ATKINS, THOMAS, US  
[72] BEACH, BRIAN ANTHONY, US  
[72] GWILLIM, ROBERT, US  
[71] CHANNELL COMMERCIAL CORPORATION, US  
[71] PRC COMPOSITES, LLC, US  
[22] 2016-03-11  
[41] 2016-10-10  
[30] US (14/684,209) 2015-04-10

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[21] **2,923,669**  
[13] A1

[51] **Int.Cl. B29C 70/44 (2006.01) E02D 29/14 (2006.01)**  
[25] EN  
[54] **METHOD OF MANUFACTURING A THERMOSET POLYMER UTILITY VAULT LID**  
[54] **METHODE DE FABRICATION D'UN COUVERCLE DE VOUTE UTILITAIRE EN POLYMERE THERMOFIXE**  
[72] BURKE, EDWARD J., US  
[72] ATKINS, THOMAS, US  
[72] BEACH, BRIAN ANTHONY, US  
[72] GWILLIM, ROBERT, US  
[72] NEATE, JOHN A., US  
[71] CHANNELL COMMERCIAL CORPORATION, US  
[71] PRC COMPOSITES, LLC, US  
[22] 2016-03-11  
[41] 2016-10-10  
[30] US (14/684,257) 2015-04-10

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[21] **2,923,686**  
[13] A1

[51] **Int.Cl. G08G 1/017 (2006.01) G08B 13/24 (2006.01)**  
[25] EN  
[54] **ONBOARD UNIT FOR A VEHICULAR IDENTIFICATION SYSTEM**  
[54] **MODULE EMBARQUE DESTINE A UN SYSTEME D'IDENTIFICATION VEHICULAIRE**  
[72] POVOLNY, ROBERT, AT  
[72] HEBAR, JOZE, SI  
[71] KAPSCH TRAFFICOM AG, AT  
[22] 2016-03-15  
[41] 2016-10-10  
[30] EP (15 163 155.3) 2015-04-10

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[21] **2,924,209**  
[13] A1

[51] **Int.Cl. B29C 65/08 (2006.01) F16B 1/00 (2006.01)**  
[25] EN  
[54] **METHOD FOR CONNECTING A SURFACE-STRUCTURED WORKPIECE AND A PLASTIC WORKPIECE**  
[54] **METHODE DE RACCORDEMENT D'UNE PIECE DE TRAVAIL A SURFACE STRUCTUREE ET D'UNE PIECE DE TRAVAIL EN PLASTIQUE**  
[72] DE TRAGLIA AMANCIO FILHO, SERGIO, DE  
[72] ETZBERGER FEISTAUER, EDUARDO, DE  
[72] DOS SANTOS, JORGE FERNANDEZ, DE  
[71] HELMHOLTZ-ZENTRUM GEESTHACHT ZENTRUM FUER MATERIAL- UND KUESTENFORSCHUNG GMBH, DE  
[22] 2016-03-18  
[41] 2016-10-10  
[30] EP (15163163.7) 2015-04-10

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[21] **2,924,310**  
[13] A1

[51] **Int.Cl. B29C 70/44 (2006.01) B64C 3/18 (2006.01)**  
[25] EN  
[54] **STIFFENING STRUCTURES, WING STRUCTURES, AND METHODS FOR MANUFACTURING STIFFENING STRUCTURES**  
[54] **STRUCTURES RAIDISSANTES, STRUCTURES D'AILE ET METHODES DE FABRICATION DE STRUCTURES RAIDISSANTES**  
[72] AUTRY, BRENDEN, US  
[72] WILLIAMS, BRYAN, US  
[72] COPE, TRAVIS, US  
[72] DAGGETT, SUSAN, US  
[72] MCGUIRE, JOHN, US  
[72] MCKEE, MICHAEL, US  
[72] AITKEN, CHARLES, US  
[71] GULFSTREAM AEROSPACE CORPORATION, US  
[22] 2016-03-21  
[41] 2016-10-15  
[30] US (14/687,022) 2015-04-15

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[21] **2,924,392**  
 [13] A1

[51] **Int.Cl. A61G 5/10 (2006.01) A61G 5/04 (2013.01)**  
 [25] EN  
 [54] **POWERED MOBILITY DEVICE WITH TILT MECHANISM HAVING MULTIPLE PIVOTS**  
 [54] **DISPOSITIF DE MOBILITE MOTORISE COMPORTANT UN MECANISME D'INCLINAISON A PLUSIEURS PIVOTS**  
 [72] HALSALL, KEVIN THOMAS, NZ  
 [71] OGO TECHNOLOGY LIMITED, NZ  
 [22] 2016-03-18  
 [41] 2016-10-10  
 [30] NZ (706881) 2015-04-10

[21] **2,924,557**  
 [13] A1

[51] **Int.Cl. B60S 1/60 (2006.01) B08B 5/02 (2006.01) B60S 1/54 (2006.01)**  
 [25] EN  
 [54] **VEHICULAR LAMP CLEANING SYSTEM**  
 [54] **SYSTEME DE NETTOYAGE DE LAMPE VEHICULAIRE**  
 [72] JONES, RODERICK, CA  
 [72] GORDON, LAWRENCE, CA  
 [71] JONES, RODERICK, CA  
 [71] GORDON, LAWRENCE, CA  
 [22] 2016-03-22  
 [41] 2016-10-13  
 [30] US (62146467) 2015-04-13

[21] **2,924,564**  
 [13] A1

[51] **Int.Cl. B60K 17/00 (2006.01)**  
 [25] EN  
 [54] **POWERTRAIN UNIT**  
 [54] **MODULE DE GROUPE PROPULSEUR**  
 [72] IDESHIO, YUKIHIKO, JP  
 [72] KOJIMA, MASAHIRO, JP  
 [72] KAMIYA, TOSHIHIKO, JP  
 [72] ABE, TAKAYUKI, JP  
 [72] IIDA, AKIRA, JP  
 [71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
 [22] 2016-03-22  
 [41] 2016-10-15  
 [30] JP (2015-083411) 2015-04-15  
 [30] JP (2015-163801) 2015-08-21

[21] **2,924,794**  
 [13] A1

[51] **Int.Cl. B66C 23/18 (2006.01) B66C 23/42 (2006.01) B66C 23/687 (2006.01) B66C 23/69 (2006.01) B66C 23/72 (2006.01)**  
 [25] EN  
 [54] **LIGHTWEIGHT TELESCOPING CAMERA CRANE**  
 [54] **GRUE DE CAMERA TELESCOPIQUE LEGERE**  
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 [71] CHAPMAN/LEONARD STUDIO EQUIPMENT, INC., US  
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 [41] 2016-10-10  
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 [54] **KNOCKDOWN BAND SAW GUIDE SEAT**  
 [54] **SIEGE GUIDE DE SCIE A RUBAN A DECOUPER**  
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[51] **Int.Cl. B62D 33/02 (2006.01) B60P 3/40 (2006.01)**  
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 [54] **PICK UP TRUCK ELONGATOR**  
 [54] **DISPOSITIF D'ALLONGEMENT DE CAMION**  
 [72] SINGER, NICHOLAS J., US  
 [71] SINGER, NICHOLAS J., US  
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 [41] 2016-10-15  
 [30] US (14/687,562) 2015-04-15  
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 [54] **ANTIBODIES**  
 [54] **ANTICORPS**  
 [72] KUO, TRACY CHIA-CHIEN, US  
 [72] CHAPARRO RIGGERS, JAVIER FERNANDO, US  
 [72] CHEN, WEI, US  
 [72] CHEN, AMY SHAW-RU, US  
 [72] PASCUA, EDWARD DERRICK, US  
 [72] VAN BLARCOM, THOMAS JOHN, US  
 [72] BOUSTANY, LEILA MARIE, US  
 [72] HO, WEIHSIEN, US  
 [72] YEUNG, YIK ANDY, US  
 [72] STROP, PAVEL, US  
 [72] RAJPAL, ARVIND, US  
 [71] PFIZER INC., US  
 [22] 2016-03-30  
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 [30] US (62/146,504) 2015-04-13  
 [30] US (62/146,843) 2015-04-13  
 [30] US (62/301,582) 2016-02-29

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[51] **Int.Cl. H04L 12/16 (2006.01) G06Q 10/10 (2012.01)**  
 [25] EN  
 [54] **METHODS AND SYSTEMS FOR ADAPTIVE AND CONTEXTUAL COLLABORATION IN A NETWORK**  
 [54] **METHODES ET SYSTEMES DE COLLABORATION ADAPTATIVE ET CONTEXTUELLE DANS UN RESEAU**  
 [72] SHARIF ASKARY, JAMSHID, US  
 [72] SELLHORN, AUGUSTO RAMON, US  
 [72] WANG, XIAOFENG, US  
 [72] MOSER, JAY TOD, US  
 [71] GENERAL ELECTRIC COMPANY, US  
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October 9, 2016 to October 15, 2016**

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[25] EN  
[54] **STATORS FOR ELECTRICAL MACHINES**  
[54] **STATORS DESTINES A DES MACHINES ELECTRIQUES**  
[72] SALTER, BENJAMIN GUY, GB  
[72] EUGENE, JOSEPH CHRISTY, GB  
[72] LE FLEM, GRAHAM DEREK, GB  
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LTD, GB  
[22] 2016-03-30  
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[25] EN  
[54] **GAS TURBINE ENGINE COMPONENT WITH INTEGRATED HEAT PIPE**  
[54] **COMPOSANTE DE MOTEUR DE TURBINE A GAZ DOTEE D'UN TUYAU DE CHAUFFAGE INTEGRE**  
[72] GERSTLER, WILLIAM DWIGHT, US  
[72] KOSTKA, JAMES MICHAEL, US  
[72] RAMBO, JEFFREY DOUGLAS, US  
[72] MOORES, JOHN WILLIAM, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2016-03-30  
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[51] **Int.Cl. F01D 9/02 (2006.01) F01D 5/14 (2006.01) F01D 5/28 (2006.01)**  
[25] EN  
[54] **SHROUD ASSEMBLY AND SHROUD FOR GAS TURBINE ENGINE**  
[54] **DISPOSITIF DE CARENAGE ET CARENAGE DE TURBINE A GAZ**  
[72] STAPLETON, DAVID SCOTT, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2016-03-30  
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[51] **Int.Cl. F01N 9/00 (2006.01) F01N 3/20 (2006.01) F01N 11/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR INJECTION CONTROL OF UREA IN SELECTIVE CATALYST REDUCTION**  
[54] **SYSTEME ET METHODE DE CONTROLE D'INJECTION D'UREE DANS UNE REDUCTION CATALYTIQUE SELECTIVE**  
[72] DEVARAKONDA, MARUTHI NARASINGA RAO, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2016-03-30  
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[25] EN  
[54] **SYSTEMS AND METHODS FOR TRACKING ENGINE SYSTEM CONFIGURATIONS**  
[54] **SYSTEMES ET METHODES DE SUIVI DES CONFIGURATIONS SYSTEME DE MOTEUR**  
[72] WELCH, LORI JEAN MEIDENBAUER, US  
[72] BURANT, JOHN M., US  
[71] GENERAL ELECTRIC COMPANY, US  
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[13] A1

[51] **Int.Cl. H01M 8/0202 (2016.01) C23C 16/26 (2006.01) C23C 16/513 (2006.01)**  
[25] EN  
[54] **FUEL CELL SEPARATOR AND MANUFACTURING METHOD OF FUEL CELL SEPARATOR**  
[54] **SEPARATEUR DE PILE A COMBUSTIBLE ET METHODE DE FABRICATION D'UN SEPARATEUR DE PILE A COMBUSTIBLE**  
[72] KOIZUMI, MASAFUMI, JP  
[72] IKEDA, KOTARO, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[22] 2016-03-31  
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[51] **Int.Cl. C07K 19/00 (2006.01) A61K 35/15 (2015.01) C07K 14/705 (2006.01) C07K 16/00 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01)**  
[25] EN  
[54] **CHIMERIC ANTIGEN RECEPTORS TARGETING B-CELL MATURATION ANTIGEN**  
[54] **RECEPTEURS D'ANTIGENES CHIMERIQUES CIBLANT L'ANTIGENE DE MATURATION DE CELLULE B**  
[72] KUO, TRACY CHIA-CHIEN, US  
[72] CHAPARRO RIGGERS, JAVIER FERNANDO, US  
[72] SASU, BARBRA JOHNSON, US  
[72] BOLDAJIPOUR, BIJAN ANDRE, US  
[72] SOMMER, CESAR ADOLFO, US  
[72] VAN BLARCOM, THOMAS JOHN, US  
[72] PERTEL, THOMAS CHARLES, US  
[72] RAJPAL, ARVIND, US  
[72] GALETTO, ROMAN, FR  
[72] DUCHATEAU, PHILIPPE, FR  
[72] JUILLERAT, ALEXNADRE, FR  
[72] VALTON, JULIEN, FR  
[71] PFIZER INC., US  
[22] 2016-03-30  
[41] 2016-10-13  
[30] US (62/146,825) 2015-04-13  
[30] US (62/286,473) 2016-01-25  
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[13] A1

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[54] **HOPPER CONTROL ACTUATOR**  
[54] **ACTIONNEUR DE COMMANDE DE TREMIE**  
[72] MCCAULEY, WAYNE, CA  
[71] WAY-MORE, CA  
[22] 2016-03-31  
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[13] A1

[51] **Int.Cl. B64C 27/56 (2006.01) B64C 13/04 (2006.01)**  
[25] FR  
[54] **CONTROL SYSTEM FOR A ROTORCRAFT ROTOR, ROTORCRAFT EQUIPPED WITH SUCH A SYSTEM AND ASSOCIATED CONTROL METHOD**  
[54] **SYSTEME DE COMMANDE D'UN ROTOR DE GIRAVION, GIRAVION EQUIPE D'UN TEL SYSTEME ET METHODE DE COMMANDE ASSOCIEE**  
[72] VALLART, JEAN-BAPTISTE, FR  
[72] BYZERY, ROMEO, FR  
[71] AIRBUS HELICOPTERS, FR  
[22] 2016-03-31  
[41] 2016-10-13  
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[13] A1

[51] **Int.Cl. G06Q 50/14 (2012.01) G06F 17/30 (2006.01) G06F 19/00 (2011.01)**  
[25] EN  
[54] **SELECTING SEARCH RESULTS FOR RESPONDING TO SEARCH QUERY**  
[54] **SELECTION DE RESULTATS DE RECHERCHE EN VUE DE REpondre A UNE DEMANDE DE RECHERCHE**  
[72] CANIS, LAURE, FR  
[72] ZMERLI, FETEN, FR  
[71] AMADEUS S.A.S., FR  
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[25] EN  
[54] **A SYSTEM AND METHOD FOR BOOKING A TRAVEL PRODUCT**  
[54] **UN SYSTEME ET UNE METHODE DE RESERVATION D'UN PRODUIT DE VOYAGE**  
[72] MONTEGUT, FRANCOIS, FR  
[72] ISNARDON, BENEDICTE, FR  
[71] AMADEUS S.A.S., FR  
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[13] A1

[51] **Int.Cl. H04W 4/00 (2009.01) G05B 19/042 (2006.01) G08B 13/00 (2006.01)**  
[25] EN  
[54] **WIFI ACCESS BASED ACTION/SCENES EXECUTION IN HOME AUTOMATION SECURITY PANELS**  
[54] **ACCES WIFI FONDE SUR L'EXECUTION D'ACTION/SCENES DANS LES PANNEAUX DE SECURITE DOMOTIQUE**  
[72] BALRAJ, KAMALAKANNAN, US  
[72] FERRO, PHILIP J., US  
[71] HONEYWELL INTERNATIONAL INC., US  
[22] 2016-03-31  
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[51] **Int.Cl. C02F 3/00 (2006.01) C02F 1/58 (2006.01) C02F 3/28 (2006.01) C12M 1/00 (2006.01)**  
[25] EN  
[54] **PARTIAL BED BACKWASHING FOR PACKED BED REACTOR**  
[54] **RETROLAVAGE DE LIT PARTIEL DE REACTEUR A LIT FIXE**  
[72] FONSECA, NELSON, CA  
[72] THOMPSON, DOUGLAS JOSEPH, CA  
[71] GENERAL ELECTRIC COMPANY, US  
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[30] US (62/145,156) 2015-04-09  
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[13] A1

[51] **Int.Cl. G06Q 30/00 (2012.01) H04W 4/02 (2009.01)**  
[25] EN  
[54] **SERVER FOR DETERMINING WHETHER REQUEST OFFER MATCHES FULFILMENT OFFER**  
[54] **SERVEUR SERVANT A DETERMINER SI L'OFFRE-DEMANDE CORRESPOND A L'OFFRE-COMMANDE**  
[72] SUNDIN, RICHARD A., CA  
[72] SUNDIN, MELANIE T., CA  
[71] SUNDIN, RICHARD A., CA  
[71] SUNDIN, MELANIE T., CA  
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[51] **Int.Cl. G02C 7/04 (2006.01)**  
[25] EN  
[54] **CONTACT LENS WITH MULTI-LAYERED PATTERN**  
[54] **VERRES DE CONTACT A MOTIF MULTICOUCHE**  
[72] BOWERS, ANGIE L., US  
[72] WRIGHT, DAWN D., US  
[71] JOHNSON & JOHNSON VISION CARE, INC., US  
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October 9, 2016 to October 15, 2016**

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[25] EN  
[54] **METHOD AND APPARATUS FOR INSPECTING LAMINATED IRON CORE**  
[54] **METHODE ET APPAREIL D'INSPECTION DE MINERAI DE FER LAMELLE**  
[72] SHIBUTA, TADASHI, JP  
[72] MATSUMOTO, MASASHI, JP  
[72] MIZUTANI, TATSUHIKO, JP  
[72] YAMAGISHI, YOSHITADA, JP  
[71] MITSUI HIGH-TEC, INC., JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
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[13] A1

[51] **Int.Cl. E21B 4/10 (2006.01)**  
[25] EN  
[54] **HYDRAULIC FLOW RESTRICTION TUBE TIME DELAY SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE RETARDEMENT DESTINES A UN TUBE DE RESTRICTION D'ECOULEMENT HYDRAULIQUE**  
[72] HARDESTY, JOHN T., US  
[71] GEODYNAMICS, INC., US  
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[51] **Int.Cl. A01K 1/01 (2006.01)**  
[25] EN  
[54] **ANIMAL LITTER BOX**  
[54] **BAC A LITIERE POUR ANIMAUX**  
[72] FENWICK, MARK J., CA  
[71] FENWICK, MARK J., CA  
[22] 2016-04-05  
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[13] A1

[51] **Int.Cl. F17C 7/02 (2006.01) F17C 13/00 (2006.01)**  
[25] EN  
[54] **INCREASING COMPRESSOR PEAK FLOW VIA HIGHER-PRESSURE GAS INJECTION**  
[54] **AUGMENTATION DU FLUX DE POINTE DE COMPRESSEUR AU MOYEN D'INJECTION DE GAZ HAUTE PRESSION**  
[72] DING, DENIS, US  
[71] CLEAN ENERGY FUELS CORP., US  
[22] 2016-04-05  
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[13] A1

[51] **Int.Cl. F02C 7/22 (2006.01) F02C 7/232 (2006.01) F23R 3/28 (2006.01)**  
[25] EN  
[54] **THERMALLY-COUPLED FUEL MANIFOLD**  
[54] **COLLECTEUR DE CARBURANT A COUPLAGE THERMIQUE**  
[72] WOLFE, JARED MATTHEW, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2016-04-07  
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[13] A1

[51] **Int.Cl. F16F 9/53 (2006.01) F16F 9/36 (2006.01)**  
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[54] **HYDRAULIC SHOCK ABSORBER**  
[54] **PARACHOC HYDRAULIQUE**  
[72] SCHMIDT, ROBERT KYLE, GB  
[72] BAXTER, MATTHEW, GB  
[71] MESSIER-DOWTY LIMITED, GB  
[22] 2016-04-04  
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[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01)**  
[25] EN  
[54] **EFFICIENT METHOD FOR THE PREPARATION OF TOFACITINIB CITRATE**  
[54] **METHODE EFFICACE DE PREPARATION DE CITRATE DE TOFACITINIB**  
[72] BONANOMI, JACOPO, IT  
[72] DEFIORE, STELLA, IT  
[72] NOVO, BARBARA, IT  
[71] OLON S.P.A., IT  
[22] 2016-04-07  
[41] 2016-10-10  
[30] IT (102015000011506) 2015-04-10

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[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/22 (2012.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR AUTOMATED REAL-TIME TASK SCHEDULING AND MANAGEMENT**  
[54] **SYSTEMES ET METHODES DE PLANIFICATION ET DE GESTION DE TACHE AUTOMATISEES EN TEMPS REEL**  
[72] PERRY, THOMAS, US  
[72] GAGHAN, STEVEN P., US  
[72] MARTIN, BENJAMIN JOEL, US  
[72] LANTZ, RAYMOND C., US  
[71] TELETRACKING TECHNOLOGIES, INC., US  
[22] 2016-04-07  
[41] 2016-10-10  
[30] US (62/145,984) 2015-04-10  
[30] US (14/731,190) 2015-06-04

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[13] A1

[51] **Int.Cl. H01M 10/0563 (2010.01) H01M 10/36 (2010.01)**

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[54] **RECHARGEABLE CHLORIDE BATTERY**

[54] **BATTERIE AU CHLORURE RECHARGEABLE**

[72] LAKSHMANAN, VAIKUNTAM I., CA

[72] SRIDHAR, RAMAMRITHAM, CA

[72] BHOWMICK, ASHOK, CA

[71] PROCESS RESEARCH ORTECH INC., CA

[22] 2016-04-07

[41] 2016-10-09

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[51] **Int.Cl. F02C 7/24 (2006.01) F01D 25/12 (2006.01) F23R 3/60 (2006.01)**

[25] EN

[54] **COMBUSTOR DOME HEAT SHIELD**

[54] **PROTECTEUR THERMIQUE DE DOME DE COMBUSTOR**

[72] PAPPLE, MICHAEL, CA

[72] SZE, ROBERT, CA

[71] PRATT & WHITNEY CANADA CORP., CA

[22] 2016-04-05

[41] 2016-10-13

[30] US (14/684,891) 2015-04-13

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[13] A1

[51] **Int.Cl. F23R 3/60 (2006.01) F23R 3/42 (2006.01)**

[25] EN

[54] **COMBUSTOR HEAT SHIELD**

[54] **PROTECTEUR THERMIQUE DE COMBUSTOR**

[72] PAPPLE, MICHAEL, CA

[72] SZE, ROBERT, CA

[71] PRATT & WHITNEY CANADA CORP., CA

[22] 2016-04-05

[41] 2016-10-13

[30] US (14/684,792) 2015-04-13

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[13] A1

[51] **Int.Cl. F26B 21/00 (2006.01) F26B 3/04 (2006.01) F26B 13/02 (2006.01)**

[25] EN

[54] **REMOTE NOZZLE DECKLE SYSTEM**

[54] **SYSTEME DE LARGEUR UTILE DE BUSE A DISTANCE**

[72] BRIA, MICHAEL P., US

[72] KLIKA, NICHOLAS J., US

[72] ROSENBERG, TIMOTHY M., US

[71] MEGTEC SYSTEMS, INC., US

[22] 2016-04-08

[41] 2016-10-10

[30] US (62/146,227) 2015-04-10

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[13] A1

[51] **Int.Cl. E04F 21/06 (2006.01)**

[25] EN

[54] **LOOSEFILL INSULATION BLOWING MACHINE HAVING A CHUTE SHAPE**

[54] **MACHINE DE SOUFFLAGE D'ISOLANT EN VRAC AYANT UNE FORME DE GOULOTTE**

[72] COOK, DAVID M., US

[72] JENKINS, TODD, US

[72] CRISP, RYAN S., US

[72] STAATS, SHANNON D., US

[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US

[22] 2016-04-08

[41] 2016-10-14

[30] US (62/147,171) 2015-04-14

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[13] A1

[51] **Int.Cl. E21C 35/00 (2006.01) E21C 25/06 (2006.01) E21C 35/24 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD OF DETECTING DULL AND WORN CUTTER BITS**

[54] **SYSTEME ET METHODE DE DETECTION DE FORETS DE COUPE ELIMES ET USES**

[72] DOHENY, EDWARD L., US

[72] SNYMAN, BEN, US

[72] STRYFFELER, DAVID, US

[72] REID, ANTHONY, US

[72] VAN DYK, HEKKIE, US

[71] JOY MM DELAWARE, INC., US

[22] 2016-04-07

[41] 2016-10-09

[30] US (62/145,377) 2015-04-09

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[21] **2,926,454**  
[13] A1

[51] **Int.Cl. E04F 21/06 (2006.01) E04F 21/08 (2006.01)**

[25] EN

[54] **LOOSEFILL INSULATION BLOWING MACHINE HAVING A COMPACT SIZE AND REDUCED WEIGHT**

[54] **MACHINE DE SOUFFLAGE D'ISOLANT EN VRAC AYANT UNE TAILLE COMPACTE ET UN POIDS REDUIT**

[72] COOK, DAVID M., US

[72] JENKINS, TODD, US

[72] MCNAMEE, THOMAS J., III, US

[72] ROBINSON, BRANDON, US

[72] UHL, FAWN, US

[72] WAGNER, JOSEPH, US

[72] CRISP, RYAN S., US

[72] DANIELS, CHRISTOPHER S., US

[72] STAATS, SHANNON D., US

[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US

[22] 2016-04-07

[41] 2016-10-14

[30] US (62/147,001) 2015-04-14

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[21] **2,926,460**  
[13] A1

[51] **Int.Cl. E02D 13/00 (2006.01) E02D 5/52 (2006.01)**

[25] EN

[54] **REMOVABLE PILE CAP**

[54] **CAPUCHON DE PIEU AMOVIBLE**

[72] KRILL, ROSS, CA

[71] KRILL, ROSS, CA

[22] 2016-04-08

[41] 2016-10-10

[30] US (62/146172) 2015-04-10

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[21] **2,926,479**  
[13] A1

[51] **Int.Cl. A46B 15/00 (2006.01) A45D 20/00 (2006.01)**

[25] EN

[54] **WATER REMOVING HAIR BRUSH**

[54] **BROSSE A CHEVEUX ELIMINANT L'EAU**

[72] TWEEL, PATRICK M., US

[72] HUNSBURGER, GERALD N., US

[72] SCOTT, WILLIAM N., US

[72] BROWM, ROBERTA CELESTE, US

[71] GOODY PRODUCTS, INC., US

[22] 2016-04-07

[41] 2016-10-14

[30] US (14/686,377) 2015-04-14

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October 9, 2016 to October 15, 2016**

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[21] **2,926,486**  
[13] A1

[51] **Int.Cl. B62B 3/02 (2006.01)**  
[25] EN  
[54] **DROPSTEP FOR BALL CART**  
[54] **SEUIL DE CHARIOT A BALLE**  
[72] MORTON, CHRISTOPHER, US  
[71] TACHIKARA USA, INC., US  
[22] 2016-04-08  
[41] 2016-10-09  
[30] US (62/145,408) 2015-04-09  
[30] US (15/092,517) 2016-04-06

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[21] **2,926,492**  
[13] A1

[51] **Int.Cl. B60D 5/00 (2006.01)**  
[25] EN  
[54] **BELLOWS FOR A CROSSOVER  
BETWEEN TWO ARTICULATEDLY  
CONNECTED VEHICLES**  
[54] **SOUFFLETS DE PASSAGE ENTRE  
DEUX VEHICULES ARTICULES  
RELIES**  
[72] HEINRICH, MARC, CN  
[72] MOSANER, KNUD, DE  
[71] HUBNER GMBH & CO. KG, DE  
[22] 2016-04-11  
[41] 2016-10-13  
[30] EP (15 163 355.9-1757) 2015-04-13

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[21] **2,926,493**  
[13] A1

[51] **Int.Cl. A23B 7/154 (2006.01) A01N  
63/02 (2006.01) A01P 1/00 (2006.01)  
A23L 3/3526 (2006.01) A23L 3/3544  
(2006.01) C07K 14/195 (2006.01)**  
[25] EN  
[54] **METHODS OF PRODUCING AN  
ANTIMICROBIAL SOLUTION  
AND METHODS FOR REDUCING  
BACTERIA ON PRODUCE  
AND/OR MINIMIZING  
ENZYMATIC BROWNING OF  
PRODUCE**  
[54] **METHODES DE PRODUCTION  
D'UNE SOLUTION  
ANTIMICROBIENNE ET  
METHODES DE REDUCTION DES  
BACTERIES SUR LES PRODUITS  
OU DE REDUCTION DU  
BRUNISSEMENT ENZYMATIQUE  
DES PRODUITS**  
[72] UKUKU, DIKE O., US  
[71] THE UNITED STATES OF  
AMERICA, AS REPRESENTED BY  
THE SECRETARY OF  
AGRICULTURE, US  
[22] 2016-04-11  
[41] 2016-10-14  
[30] US (14/685,980) 2015-04-14

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[21] **2,926,499**  
[13] A1

[51] **Int.Cl. E04F 21/06 (2006.01) E04F  
21/08 (2006.01)**  
[25] EN  
[54] **LOOSEFILL INSULATION  
BLOWING MACHINE WITH A  
FULL HEIGHT BALE GUIDE**  
[54] **MACHINE DE SOUFFLAGE  
D'ISOLANT EN VRAC AU MOYEN  
D'UN GUIDE DE BALLOT PLEINE  
HAUTEUR**  
[72] COOK, DAVID M., US  
[72] JENKINS, TODD, US  
[72] CRISP, RYAN S., US  
[71] OWENS CORNING INTELLECTUAL  
CAPITAL, LLC, US  
[22] 2016-04-07  
[41] 2016-10-13  
[30] US (62/146,527) 2015-04-13

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[21] **2,926,503**  
[13] A1

[51] **Int.Cl. H01M 10/637 (2014.01) H01M  
10/613 (2014.01) H01M 10/625  
(2014.01)**  
[25] EN  
[54] **COOLING SYSTEM FOR  
SECONDARY BATTERY**  
[54] **DISPOSITIF DE  
REFROIDISSEMENT DE  
BATTERIE SECONDAIRE**  
[72] OCHIAI, KIYOE, JP  
[72] IZUMI, JUNTA, JP  
[72] MACHIDA, KIYOHITO, JP  
[72] HABU, MASAKAZU, JP  
[71] TOYOTA JIDOSHA KABUSHIKI  
KAISHA, JP  
[22] 2016-04-07  
[41] 2016-10-10  
[30] JP (2015-081078) 2015-04-10

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[21] **2,926,524**  
[13] A1

[51] **Int.Cl. B64C 25/34 (2006.01) B64C  
25/36 (2006.01)**  
[25] EN  
[54] **FLEXIBLE WHEEL DRIVE FOR  
AIRCRAFT ONBOARD TAXI  
SYSTEM**  
[54] **ENTRAINEMENT DE ROUE  
FLEXIBLE DE SYSTEME DE TAXI  
EMBARQUE D'UN AERONEF**  
[72] BURKHALTER, KURT, US  
[72] OSBURN, MICHAEL P., US  
[71] MEGGITT AIRCRAFT BRAKING  
SYSTEMS, US  
[22] 2016-04-08  
[41] 2016-10-10  
[30] US (62/145563) 2015-04-10

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[21] **2,926,570**  
[13] A1

[51] **Int.Cl. E21B 47/01 (2012.01) E21B  
44/00 (2006.01) G01V 3/18 (2006.01)  
G01V 5/04 (2006.01)**  
[25] EN  
[54] **NEAR BIT MEASUREMENT  
MOTOR**  
[54] **MOTEUR DE MESURE DE  
PROXIMITE DU TREPAN**  
[72] HEISIG, GERALD, US  
[72] GLEASON, BRIAN, US  
[71] HEISIG, GERALD, US  
[71] GLEASON, BRIAN, US  
[22] 2016-04-08  
[41] 2016-10-10  
[30] US (62/146,025) 2015-04-10

**Demandes canadiennes mises à la disponibilité du public  
9 octobre 2016 au 15 octobre 2016**

[21] **2,926,579**  
[13] A1

[51] **Int.Cl. H04L 12/22 (2006.01) H04L 9/00 (2006.01) H04L 12/24 (2006.01)**  
[25] EN  
[54] **EVENT CORRELATION ACROSS HETEROGENEOUS OPERATIONS**  
[54] **CORRELATION D'EVENEMENTS FONDEE SUR DES OPERATIONS HETEROGENES**  
[72] HASSANZADEH, AMIN, US  
[72] MODI, SHIMON, US  
[72] MULCHANDANI, SHAAN, US  
[72] NEGM, WALID, US  
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE  
[22] 2016-04-08  
[41] 2016-10-09  
[30] US (62/145,248) 2015-04-09  
[30] US (14/841,287) 2015-08-31

[21] **2,926,581**  
[13] A1

[51] **Int.Cl. H04N 21/63 (2011.01) H04N 21/647 (2011.01) H04L 12/46 (2006.01) H04L 29/06 (2006.01)**  
[25] EN  
[54] **AUTOMATED PATH-FINDING AND INTEGRATED BANDWIDTH MANAGEMENT FOR HYBRID VIDEO ROUTING CONNECTIONS**  
[54] **REPERAGE DE CHEMIN AUTOMATISE ET GESTION DE LARGEUR DE BANDE INTEGREE DESTINES AUX CONNEXIONS DE ROUTAGE VIDEO HYBRIDES**  
[72] SIZEMORE, DONALD MARK, US  
[72] ZIMMER, ANDREW MATTHEW, US  
[71] ROSS VIDEO LIMITED, CA  
[22] 2016-04-08  
[41] 2016-10-10  
[30] US (62/145,618) 2015-04-10

[21] **2,926,598**  
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 15/52 (2006.01) C12N 15/82 (2006.01) C12P 7/64 (2006.01)**  
[25] EN  
[54] **CANOLA INBRED LINE G1992650A**  
[54] **VARIETE DE CANOLA PUR G1992650A**  
[72] GINGERA, GREGORY ROSS, CA  
[72] KNIEVEL, DONNA CAROLYNN, CA  
[72] TAHIR, MUHAMMAD, CA  
[72] ZHAO, JIANWEI, CA  
[71] AGRIGENETICS, INC., US  
[22] 2016-04-08  
[41] 2016-10-15  
[30] US (62/147,867) 2015-04-15

[21] **2,926,603**  
[13] A1

[51] **Int.Cl. H04L 12/22 (2006.01) H04L 12/24 (2006.01)**  
[25] EN  
[54] **EVENT CORRELATION ACROSS HETEROGENEOUS OPERATIONS**  
[54] **CORRELATION D'EVENEMENTS FONDEE SUR DES OPERATIONS HETEROGENES**  
[72] HASSANZADEH, AMIN, US  
[72] MODI, SHIMON, US  
[72] MULCHANDANI, SHAAN, US  
[72] NEGM, WALID, US  
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE  
[22] 2016-04-08  
[41] 2016-10-09  
[30] US (62/145,248) 2015-04-09  
[30] US (14/841,227) 2015-08-31

[21] **2,926,624**  
[13] A1

[51] **Int.Cl. H04N 7/15 (2006.01) H04N 21/2343 (2011.01) H04N 21/472 (2011.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR PRESENTING VIDEO IN A CONTEXT-SENSITIVE MANNER**  
[54] **METHODES ET SYSTEMES DE PRESENTATION DE VIDEO D'UNE MANIERE SENSIBLE AU CONTEXTE**  
[72] GUREVICH, LINA, CA  
[72] HILL, DOUGLAS, CA  
[72] GARIN, ALEXANDER, CA  
[72] LIM, DAVID, CA  
[72] NEMES, RAUL, CA  
[72] WU, XIAOMIN, CA  
[72] ROUNDING, MICHAEL, CA  
[72] BOYKIW, ALAN, CA  
[71] SMART TECHNOLOGIES ULC, CA  
[22] 2016-04-08  
[41] 2016-10-09  
[30] US (14/682,429) 2015-04-09

[21] **2,926,632**  
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12N 15/32 (2006.01)**  
[25] EN  
[54] **CANOLA HYBRID CULTIVAR G2537376H**  
[54] **CULTIVAR DE CANOLA HYBRIDE G2537376H**  
[72] GINGERA, GREGORY ROSS, CA  
[72] KNIEVEL, DONNA CAROLYNN, CA  
[72] ZHAO, JIANWEI, CA  
[72] GORE, SHERRY L., CA  
[72] TAHIR, MUHAMMAD, CA  
[71] AGRIGENETICS, INC., US  
[22] 2016-04-08  
[41] 2016-10-15  
[30] US (62/147,883) 2015-04-15

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[21] **2,926,635**  
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 15/52 (2006.01) C12N 15/82 (2006.01) C12P 7/64 (2006.01)**

[25] EN

[54] **CANOLA INBRED RESTORER LINE G175274R**

[54] **VARIETE DE RESTAURATION DE CANOLA PUR G175274R**

[72] GINGERA, GREGORY ROSS, CA  
[72] KNIEVEL, DONNA CAROLYNN, CA  
[71] AGRIGENETICS, INC., US

[22] 2016-04-08  
[41] 2016-10-15  
[30] US (62/147,879) 2015-04-15

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[21] **2,926,648**  
[13] A1

[51] **Int.Cl. A01G 23/081 (2006.01)**

[25] EN

[54] **VELOCITY-BASED CONTROL OF END EFFECTOR**

[54] **CONTROLE FONDE SUR LA VITESSE DESTINE A UN EFFECTEUR D'EXTREMITE**

[72] RASZGA, CALIN, US  
[72] ROBER, DARYL L., US  
[72] VELDE, TODD F., US  
[71] DEERE & COMPANY, US

[22] 2016-04-08  
[41] 2016-10-10  
[30] US (14/684,177) 2015-04-10

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[21] **2,926,664**  
[13] A1

[51] **Int.Cl. C04B 41/45 (2006.01) B28B 11/04 (2006.01) C08J 5/04 (2006.01) E01D 22/00 (2006.01)**

[25] EN

[54] **METHOD OF STRENGTHENING AN EXISTING INFRASTRUCTURE USING SPRAYED-FIBER REINFORCED POLYMER COMPOSITE**

[54] **METHODE DE RENFORCEMENT D'UNE INFRASTRUCTURE EXISTANTE AU MOYEN D'UN COMPOSITE POLYMERE RENFORCE DE FIBRE INJECTEE**

[72] PARGHI, ANANTRAY, CA  
[71] POLYRAP PAVEMENT SYSTEMS LTD., CA

[22] 2016-04-11  
[41] 2016-10-10  
[30] US (62/146005) 2015-04-10

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[21] **2,926,667**  
[13] A1

[51] **Int.Cl. H04L 12/24 (2006.01) H04L 29/06 (2006.01)**

[25] EN

[54] **VIRTUAL GATEWAY CONTROL AND MANAGEMENT**

[54] **CONTROLE ET GESTION DE PASSERELLE VIRTUELLE**

[72] RAMASUBRAMANI, MANI, US  
[72] PEIRO, ANDREA, US  
[72] BARBERIO, JEFFREY, US  
[72] BRANSOM, KRIS, US  
[72] CHEN, MICHAEL, US  
[72] SCHMIDT, WESTON, US  
[72] CHAN, JAMES, US  
[72] ROBINSON, JOHN, US

[71] COMCAST CABLE COMMUNICATIONS, LLC, US

[22] 2016-04-11  
[41] 2016-10-10  
[30] US (62/146,008) 2015-04-10  
[30] US (15/094,404) 2016-04-08

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[21] **2,926,668**  
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 15/00 (2006.01) C12N 15/32 (2006.01)**

[25] EN

[54] **CANOLA INBRED RESTORER LINE CL134904R**

[54] **VARIETE DE RESTAURATION DE CANOLA PUR CL134904R**

[72] SHAW, ERIC J., CA  
[72] RIPLEY, VAN L., CA  
[71] AGRIGENETICS, INC., US

[22] 2016-04-08  
[41] 2016-10-15  
[30] US (62/147,893) 2015-04-15

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[21] **2,926,669**  
[13] A1

[51] **Int.Cl. B01J 8/02 (2006.01) C01B 39/02 (2006.01)**

[25] EN

[54] **PERFORATED ADSORBENT PARTICLES**

[54] **PARTICULES ADSORBANTES PERFOREES**

[72] HARRIOTT, GEORGE MATTHEW, US  
[72] JIN, BO, US  
[72] O'NEILL, CHRISTOPHER MICHAEL, US  
[72] WEIST, EDWARD LANDIS, JR., US  
[72] WHITLEY, ROGER DEAN, US  
[72] WU, JUNXIAO, US

[71] AIR PRODUCTS AND CHEMICALS, INC., US

[22] 2016-04-08  
[41] 2016-10-15  
[30] US (14/686,813) 2015-04-15  
[30] US (14/754,749) 2015-06-30

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[21] **2,926,676**  
[13] A1

[51] **Int.Cl. H02J 50/12 (2016.01) H02J 50/90 (2016.01) E06B 1/04 (2006.01) G05F 5/04 (2006.01) H01H 36/02 (2006.01) H02M 7/02 (2006.01)**

[25] EN

[54] **COMPACT POWER TRANSFER MECHANISM USING INDUCED EMF**

[54] **MECANISME DE TRANSFERT D'ENERGIE COMPACT EMPLOYANT UN CHAMP MAGNETIQUE INDUIT**

[72] LEWIS, ROBERT W., US  
[72] HANCHETT, LELAND J., JR., US  
[71] HANCHETT ENTRY SYSTEMS, INC., US

[22] 2016-04-11  
[41] 2016-10-14  
[30] US (62/147397) 2015-04-14

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[21] **2,926,689**  
[13] A1

[51] **Int.Cl. A61C 19/06 (2006.01) A61C 17/00 (2006.01)**

[25] EN

[54] **DENTAL STRIP HOLDER**

[54] **DISPOSITIF DE MAINTIEN DE BANDE DENTAIRE**

[72] ACKEL, GILBERT, CA  
[71] ACKEL, GILBERT, CA

[22] 2016-04-08  
[41] 2016-10-09  
[30] US (62/145,254) 2015-04-09

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[21] **2,926,829**  
[13] A1

[51] **Int.Cl. G06Q 50/16 (2012.01)**  
[25] EN  
[54] **HOMEOWNER SYSTEM AND PORTAL**  
[54] **SYSTEME ET PORTAIL DESTINES AUX PROPRIETAIRES DE MAISON**  
[72] BESEDA, BRENT BYRON, US  
[72] SUGG, CHRISTOPHER FORREST, US  
[72] VASQUEZ, FELIX, US  
[71] HYPHEN SOLUTIONS, LLC, US  
[22] 2016-04-08  
[41] 2016-10-10  
[30] US (62/146,117) 2015-04-10

[21] **2,926,842**  
[13] A1

[51] **Int.Cl. B29C 44/36 (2006.01)**  
[25] EN  
[54] **PRODUCT AND METHOD FOR USE IN STREAMLINING SPRAY FOAM APPLICATIONS**  
[54] **PRODUIT ET METHODE DESTINES A REDUIRE LES APPLICATIONS DE MOUSSE PAR PULVERISATION**  
[72] UPPER, JOE, CA  
[71] WATSON, DARREN, CA  
[71] UPPER, JOE, CA  
[22] 2016-04-11  
[41] 2016-10-10  
[30] CA (2887828) 2015-04-10

[21] **2,926,854**  
[13] A1

[51] **Int.Cl. B65F 1/14 (2006.01) E05C 1/08 (2006.01)**  
[25] EN  
[54] **ROLL OUT CART WITH GRAVITY LOCK**  
[54] **CHARIOT ROULANT EQUIPE D'UN MECANISME DE VERROUILLAGE PAR GRAVITE**  
[72] FOSTER, DERICK, US  
[71] REHRIG PACIFIC COMPANY, US  
[22] 2016-04-11  
[41] 2016-10-10  
[30] US (62/146,074) 2015-04-10

[21] **2,926,869**  
[13] A1

[51] **Int.Cl. E04F 21/06 (2006.01)**  
[25] EN  
[54] **LOOSEFILL INSULATION BLOWING MACHINE HOSE OUTLET PLATE ASSEMBLY**  
[54] **ENSEMBLE DE PLAQUE DE SORTIE DE TUYAU DE MACHINE DE SOUFFLAGE D-ISOLANT EN VRAC**  
[72] COOK, DAVID M., US  
[72] JENKINS, TODD, US  
[72] CRISP, RYAN S., US  
[72] STAATS, SHANNON D., US  
[72] RELYEA, CHRISTOPHER, US  
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US  
[22] 2016-04-13  
[41] 2016-10-14  
[30] US (62/147,146) 2015-04-14

[21] **2,926,904**  
[13] A1

[51] **Int.Cl. H01H 9/02 (2006.01) G01R 1/20 (2006.01) H01H 1/58 (2006.01) H01H 3/02 (2006.01)**  
[25] EN  
[54] **ELECTRICAL TEST SWITCH WITH SOLIDIFYING BASE**  
[54] **COMMUTEUR DE TEST ELECTRIQUE DOTE D'UNE BASE SOLIDIFIANTE**  
[72] BOURGEOIS, JEAN-RAYMOND, CA  
[71] BOURGEOIS, JEAN-RAYMOND, CA  
[22] 2016-04-11  
[41] 2016-10-10  
[30] US (62/145,850) 2015-04-10

[21] **2,926,926**  
[13] A1

[51] **Int.Cl. E05B 47/00 (2006.01) E05B 15/02 (2006.01)**  
[25] EN  
[54] **ELECTRIC STRIKE HAVING AN INTERCHANGEABLE ACTUATOR MODULE**  
[54] **GACHE ELECTRIQUE COMPORANT UN MODULE D'ACTIONNEUR INTERCHANGEABLE**  
[72] SIMS, RYAN MATTHEW, US  
[72] SPENCE, BARUCH, US  
[72] WEBB, MICHAEL ALLEN, US  
[71] HANCHETT ENTRY SYSTEMS, INC., US  
[22] 2016-04-14  
[41] 2016-10-14  
[30] US (62/147,468) 2015-04-14

[21] **2,926,927**  
[13] A1

[51] **Int.Cl. E03C 1/04 (2006.01) F16K 3/02 (2006.01) F16K 31/60 (2006.01)**  
[25] EN  
[54] **PUSH-ACTIVATED TUB SPOUT**  
[54] **BEC DE BAIN ACTIVE PAR POUSSEE**  
[72] DU, XAN VY, CA  
[72] STAUDER, FRANK, CA  
[72] BRHELLE, ALYSON, CA  
[72] FISHER, BRYAN, CA  
[71] MASCO CANADA LIMITED, CA  
[22] 2016-04-14  
[41] 2016-10-15  
[30] US (62/147,802) 2015-04-15

[21] **2,926,929**  
[13] A1

[51] **Int.Cl. E05B 47/00 (2006.01) H02J 13/00 (2006.01)**  
[25] EN  
[54] **POWER CONTROLLER FOR A DOOR LOCK AND METHOD OF CONSERVING POWER**  
[54] **COMMANDE D'ELECTRICITE DESTINEE A UN VERROU DE PORTE ET METHODE DE CONSERVATION D'ENERGIE**  
[72] SHAFFER, RANDALL, US  
[72] CORBIN, DAVID, US  
[71] HANCHETT ENTRY SYSTEMS, INC., US  
[22] 2016-04-14  
[41] 2016-10-14  
[30] US (62/147,490) 2015-04-14

[21] **2,926,963**  
[13] A1

[51] **Int.Cl. H04N 21/458 (2011.01) H04W 8/24 (2009.01) G06Q 30/02 (2012.01) G08B 21/22 (2006.01)**  
[25] EN  
[54] **PRESENCE DETECTION AND TARGETED CONTENT**  
[54] **DETECTION DE PRESENCE ET CONTENU CIBLE**  
[72] SMALLEY, PRESTON, US  
[72] KAREESON, THAYA, US  
[72] NIEBRES, FRANCISCO, US  
[72] EKLUND, SCOTT, US  
[72] KENNEDY, JOSH, US  
[71] COMCAST CABLE COMMUNICATIONS, LLC, US  
[22] 2016-04-13  
[41] 2016-10-13  
[30] US (14/685,424) 2015-04-13

**Canadian Applications Open to Public Inspection  
October 9, 2016 to October 15, 2016**

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[21] **2,926,973**  
[13] A1

[51] **Int.Cl. C21D 9/00 (2006.01)**  
[25] EN  
[54] **ALUMINUM WARM FORMING MULTI-OPENING OVEN AND PRODUCTION LINE**  
[54] **FOUR MULTI OUVERTURE DE FORMATION A CHAUD D'ALUMINIUM ET CHAINE DE PRODUCTION**  
[72] GARIMELLA, VENUGOPAL, US  
[72] WOMACK, DARREN ANDREW, CA  
[72] ASHMORE, ERRYN, US  
[72] SANOR, TOM, US  
[72] SCHLEICHERT, EDWARD, DE  
[72] KAINTH, TARLOK SINGH, CA  
[72] TAYLOR, TRACY, CA  
[72] ARMINSKI, JAMES, US  
[72] VANDENBROUCK, KEVIN, US  
[71] MAGNA INTERNATIONAL INC., CA  
[22] 2016-04-13  
[41] 2016-10-15  
[30] US (62/147,721) 2015-04-15

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[21] **2,927,018**  
[13] A1

[51] **Int.Cl. H04B 1/40 (2015.01) H04B 10/114 (2013.01) G07B 15/00 (2011.01)**  
[25] EN  
[54] **DYNAMIC FARE COLLECTION DATA PROBE**  
[54] **SONDE DE COLLECTE DE DONNEES DE PASSAGE DYNAMIQUE**  
[72] JOY, BRUCE R., US  
[72] VUKOVIC, SASA, US  
[71] SPX CORPORATION, US  
[22] 2016-04-12  
[41] 2016-10-13  
[30] US (14/685,026) 2015-04-13

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[21] **2,927,026**  
[13] A1

[51] **Int.Cl. B65D 1/34 (2006.01) B65D 25/00 (2006.01)**  
[25] EN  
[54] **FOOD TRAY**  
[54] **PLATEAU A ALIMENTS**  
[72] PARSONS, STEVEN M., CA  
[72] PARSONS, CHAD, CA  
[71] PARSONS, STEVEN M., CA  
[71] PARSONS, CHAD, CA  
[22] 2016-04-12  
[41] 2016-10-14  
[30] US (62/147,371) 2015-04-14

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[21] **2,927,041**  
[13] A1

[51] **Int.Cl. A61K 8/99 (2006.01) A61K 8/02 (2006.01) A61K 8/19 (2006.01) A61Q 11/00 (2006.01)**  
[25] EN  
[54] **DENTAL HYGIENE SYSTEMS**  
[54] **SYSTEMES D'HYGIENE DENTAIRE**  
[72] FINE, KENNETH DAVIN, US  
[71] FINE, KENNETH DAVIN, US  
[22] 2016-04-13  
[41] 2016-10-14  
[30] US (62/147,036) 2015-04-14  
[30] US (15/096,489) 2016-04-12

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[21] **2,927,047**  
[13] A1

[51] **Int.Cl. C22C 38/32 (2006.01) C21D 8/06 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/22 (2006.01) C22C 38/26 (2006.01) C22C 38/28 (2006.01)**  
[25] EN  
[54] **ULTRA-FINE GRAINED STEELS HAVING CORROSION-FATIGUE RESISTANCE**  
[54] **ACIERS A GRAINS ULTRAFINS PRESENTANT UNE RESISTANCE A LA FATIGUE ET A LA CORROSION**  
[72] BUHLER, MARTIN, AR  
[72] PEREYRA, MATIAS GUSTAVO, AR  
[71] TENARIS CONNECTIONS LIMITED, VC  
[22] 2016-04-14  
[41] 2016-10-14  
[30] US (14/686,071) 2015-04-14

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[21] **2,927,048**  
[13] A1

[51] **Int.Cl. A61K 8/49 (2006.01) A61K 8/19 (2006.01) A61K 8/27 (2006.01) A61K 8/29 (2006.01) A61Q 17/04 (2006.01)**  
[25] EN  
[54] **SUNSCREEN COMPOSITION**  
[54] **COMPOSITION D'ECRAN SOLAIRE**  
[72] BLACHECHEN, TATIANA, BR  
[72] DANTAS, PAULA S. O., BR  
[72] LORENZETTI, DANIELLE, BR  
[72] NOGUEIRA, LUCIANO M., BR  
[72] ZANATTA, CINTHIA, BR  
[71] JOHNSON & JOHNSON CONSUMER INC., US  
[22] 2016-04-14  
[41] 2016-10-15  
[30] US (62/147,676) 2015-04-15

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[21] **2,927,144**  
[13] A1

[51] **Int.Cl. H02J 1/04 (2006.01) H01F 7/18 (2006.01) H02P 7/00 (2016.01)**  
[25] EN  
[54] **CONSTANT-CURRENT CONTROLLER FOR AN INDUCTIVE LOAD**  
[54] **CONTROLEUR A COURANT CONSTANT DESTINE A UNE CHARGE INDUCTIVE**  
[72] DAVIS, BRETT L., US  
[72] SHAFFER, RANDALL, US  
[71] HANCHETT ENTRY SYSTEMS, INC., US  
[22] 2016-04-14  
[41] 2016-10-14  
[30] US (62/147,478) 2015-04-14

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[21] **2,927,145**  
[13] A1

[51] **Int.Cl. E05B 15/02 (2006.01)**  
[25] EN  
[54] **INTEGRATED ADJUSTABLE KEEPER SHIM FOR AN ELECTRIC STRIKE**  
[54] **CALE DE MAINTIEN AJUSTABLE INTEGREE DESTINEE A UNE GACHE ELECTRIQUE**  
[72] SIMS, RYAN MATTHEW, US  
[72] WEBB, MICHAEL ALLEN, US  
[71] HANCHETT ENTRY SYSTEMS, INC., US  
[22] 2016-04-14  
[41] 2016-10-14  
[30] US (62/147468) 2015-04-14

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[21] **2,927,149**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) B42D 1/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR AUTOMATED BOOK GENERATION**  
[54] **SYSTEME ET METHODE DE PRODUCTION DE LIVRE AUTOMATISEE**  
[72] REEMA, SEBASTIAN, US  
[71] REEMA, SEBASTIAN, US  
[22] 2016-04-14  
[41] 2016-10-15  
[30] US (62/147,913) 2015-04-15

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[21] **2,927,163**

[13] A1

- [51] **Int.Cl. G06Q 10/08 (2012.01)**  
[25] EN  
[54] **CONSUMER DEMAND-BASED INVENTORY MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DE STOCK FONDE SUR LA DEMANDE DU CLIENT**  
[72] JONES, NICHOLAUS ADAM, US  
[72] FLETTER, MARC ASHLEY, US  
[72] JONES, MATTHEW ALLEN, US  
[72] SHIELDS, DANIEL R., US  
[72] TAYLOR, ROBERT JAMES, US  
[71] WAL-MART STORES, INC., US  
[22] 2016-04-14  
[41] 2016-10-14  
[30] US (62/147,221) 2015-04-14

[21] **2,927,164**

[13] A1

- [51] **Int.Cl. E06B 9/38 (2006.01)**  
[25] EN  
[54] **END CAP FOR A RAIL FOR A WINDOW COVERING**  
[54] **CAPUCHON D'EXTREMITE DE GLISSIERE DE PARURE DE FENETRE**  
[72] ANDERSON, RICHARD N., US  
[71] HUNTER DOUGLAS INC., US  
[22] 2016-04-14  
[41] 2016-10-14  
[30] US (14/685,646) 2015-04-14

[21] **2,927,169**

[13] A1

- [51] **Int.Cl. G06Q 10/08 (2012.01)**  
[25] EN  
[54] **OVERSTOCK INVENTORY MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION D'INVENTAIRE DE STOCK EXCEDENTAIRE**  
[72] JONES, NICHOLAUS ADAM, US  
[72] FLETTER, MARC ASHLEY, US  
[72] JONES, MATTHEW ALLEN, US  
[72] SHIELDS, DANIEL R., US  
[72] TAYLOR, ROBERT JAMES, US  
[71] WAL-MART STORES, INC., US  
[22] 2016-04-14  
[41] 2016-10-14  
[30] US (62/147,255) 2015-04-14

[21] **2,927,170**

[13] A1

- [51] **Int.Cl. B29C 47/08 (2006.01)**  
[25] EN  
[54] **EXTRUDER SYSTEM FOR ADDITIVE MANUFACTURING**  
[54] **SYSTEME D'EXTRUDEUSE DESTINE A LA FABRICATION D'ADDITIF**  
[72] MESHORER, YISHAI, IL  
[72] VASILEVSKI, ALEXANDER, IL  
[71] FLEXI MATTER LTD., IL  
[22] 2016-04-13  
[41] 2016-10-14  
[30] US (62/147,051) 2015-04-14

[21] **2,927,177**

[13] A1

- [51] **Int.Cl. A63B 59/70 (2015.01) B29C 70/16 (2006.01)**  
[25] EN  
[54] **HOCKEY STICK HAVING REINFORCED CORE STRUCTURE**  
[54] **BATON DE HOCKEY COMPORTANT UNE STRUCTURE CENTRALE RENFORCEE**  
[72] MOLLNER, BRIAN CHRISTOPHER, US  
[72] ERREDGE, JONATHAN JAMES, US  
[71] TRUE TEMPER SPORTS, INC., US  
[22] 2016-04-15  
[41] 2016-10-15  
[30] US (62/147,909) 2015-04-15  
[30] US (15/099,041) 2016-04-14

[21] **2,927,184**

[13] A1

- [51] **Int.Cl. H04R 1/08 (2006.01) H04W 88/02 (2009.01) H04B 7/24 (2006.01) H04R 1/10 (2006.01)**  
[25] EN  
[54] **AUDIO CAPTURE AND TRANSMISSION DEVICE HAVING SOUND ATTENUATION**  
[54] **DISPOSITIF DE CAPTURE ET TRANSMISSION AUDIO OFFRANT L'ATTENUATION DU SON**  
[72] WEBB, STEPHEN D., CA  
[72] KOSTIUCK, NIGEL, CA  
[72] LANGLOIS, DAMON, CA  
[71] TALK TECHNOLOGIES INC., CA  
[22] 2016-04-12  
[41] 2016-10-13  
[30] US (62/146,647) 2015-04-13

[21] **2,927,205**

[13] A1

- [51] **Int.Cl. B65G 47/14 (2006.01) B65G 19/02 (2006.01) B65G 19/22 (2006.01)**  
[25] EN  
[54] **U-SHAPED BOARD UNSCRAMBLER**  
[54] **ANTIMELANGEUR DE PANNEAU EN FORME DE U**  
[72] FRECHETTE, DENIS, CA  
[71] CARBOTECH INTERNATIONAL, CA  
[22] 2016-04-13  
[41] 2016-10-13  
[30] US (62/146741) 2015-04-13

[21] **2,927,223**

[13] A1

- [51] **Int.Cl. H01Q 21/24 (2006.01) H04W 16/02 (2009.01) H01Q 1/28 (2006.01) H01Q 3/00 (2006.01) H01Q 21/29 (2006.01)**  
[25] EN  
[54] **BROADBAND MULTIBEAM SATELLITE RADIO COMMUNICATION SYSTEM WITH IMPROVED REUSE OF FREQUENCIES ON THE FORWARD CHANNEL, AND ASSOCIATED METHOD FOR REUSE**  
[54] **SYSTEME DE COMMUNICATION RADIO SATELLITE MULTI FAISCEAU A LARGE BANDE OFFRANT UNE REUTILISATION AMELIOREE DE FREQUENCES SUR LE CANAL ALLER ET METHODE ASSOCIEE DE REUTILISATION**  
[72] HIRSCH, ANTONIN, FR  
[72] BOSSHARD, PIERRE, FR  
[72] BOULCH, DIDIER LE, FR  
[72] PRESSENCE, JUDICAEL, FR  
[71] THALES, FR  
[22] 2016-04-14  
[41] 2016-10-15  
[30] FR (1500785) 2015-04-15

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[13] A1

[51] **Int.Cl. H04N 7/18 (2006.01) G06Q 50/16 (2012.01) G06K 9/62 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR REAL-TIME REMOTE VIEWING OF REAL ESTATE**  
[54] **SYSTEME ET METHODE DE VISIONNEMENT DE PROPRIETE A DISTANCE EN TEMPS REEL**  
[72] VENEMA, ANTON KRISTOFER, CA  
[72] VENEMA, JEROD ANDRIUS, US  
[71] RTP SOLUTIONS LTD., CA  
[22] 2016-04-14  
[41] 2016-10-14  
[30] US (62/147,549) 2015-04-14

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[21] **2,927,250**  
[13] A1

[51] **Int.Cl. C08L 93/00 (2006.01) C04B 26/22 (2006.01) C08L 91/00 (2006.01) C08L 95/00 (2006.01) C09K 3/10 (2006.01)**  
[25] FR  
[54] **BINDER OF VEGETAL ORIGIN, COMPOSITIONS CONTAINING SAME AND METHOD FOR DECREASING THE QUANTITY OF PETROLEUM BITUMEN**  
[54] **LIANT D'ORIGINE VEGETALE, COMPOSITIONS LE COMPRENANT ET METHODE POUR DIMINUER LA QUANTITE DE BITUME PETROLIER**  
[72] BINDSCHEDLER, PIERRE ETIENNE, FR  
[72] PERRIN, REMI, FR  
[72] ROBACH, CHRISTINE, FR  
[72] KERBRAT, MARION, FR  
[72] CHATILLON, MATTHIEU, FR  
[72] RAYMOND, FRANCK, FR  
[71] SOPREMA, FR  
[71] OLEON SAS, FR  
[22] 2016-04-14  
[41] 2016-10-14  
[30] FR (FR 15 53272) 2015-04-14

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[21] **2,927,253**  
[13] A1

[51] **Int.Cl. C08L 93/04 (2006.01) C04B 26/22 (2006.01) C08L 95/00 (2006.01) C09K 3/10 (2006.01)**  
[25] FR  
[54] **BINDER OF VEGETAL ORIGIN, COMPOSITIONS CONTAINING SAME AND METHOD FOR DECREASING THE QUANTITY OF PETROLEUM BITUMEN**  
[54] **LIANT D'ORIGINE VEGETALE, COMPOSITIONS LE COMPRENANT ET METHODE POUR DIMINUER LA QUANTITE DE BITUME PETROLIER**  
[72] BINDSCHEDLER, PIERRE ETIENNE, FR  
[72] PERRIN, REMI, FR  
[72] ROBACH, CHRISTINE, FR  
[72] KERBRAT, MARION, FR  
[72] CHATILLON, MATTHIEU, FR  
[72] RAYMOND, FRANCK, FR  
[71] SOPREMA, FR  
[71] OLEON SAS, FR  
[22] 2016-04-14  
[41] 2016-10-14  
[30] FR (FR 15 53271) 2015-04-14

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[21] **2,927,257**  
[13] A1

[51] **Int.Cl. F01D 25/24 (2006.01) F01D 9/02 (2006.01)**  
[25] EN  
[54] **GAS TURBINE ENGINE ROTOR CASING TREATMENT**  
[54] **TRAITEMENT DE CARTER DE ROTOR DE TURBINE A GAZ**  
[72] URAC, TIBOR, CA  
[72] TOWNSEND, PETER, CA  
[72] THERATIL, IGNATIUS, CA  
[71] PRATT & WHITNEY CANADA CORP., CA  
[22] 2016-04-14  
[41] 2016-10-14  
[30] US (14/686,010) 2015-04-14

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[21] **2,927,297**  
[13] A1

[51] **Int.Cl. E21B 33/04 (2006.01) E21B 17/00 (2006.01)**  
[25] EN  
[54] **TOOL AND METHOD FOR USE IN SUPPORTING A SUCKER ROD STRING IN AN OIL OR GAS WELL**  
[54] **OUTIL ET METHODE D'UTILISATION SERVANT A SOUTENIR UN TRAIN DE TIGES DE POMPAGE DANS UN PUIT DE PETROLE OU DE GAZ**  
[72] GORDEY, KENNETH NICHOLAS, CA  
[72] KOHNEN, LESLIE JOAN, CA  
[72] RANKS, DENNIS FRANCIS, CA  
[72] DICKIE, JEFFERY ERROL, CA  
[72] GROVES, WILLIAM G., CA  
[71] 1904296 ALBERTA LTD., CA  
[22] 2016-04-14  
[41] 2016-10-15  
[30] US (62/148,091) 2015-04-15

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[21] **2,927,390**  
[13] A1

[51] **Int.Cl. B65G 33/32 (2006.01)**  
[25] EN  
[54] **A SUPPORT AND COUPLING ASSEMBLY FOR A SCREW AUGER HAVING MULTIPLE COUPLED SCREWS**  
[54] **UN ENSEMBLE DE SUPPORT ET RACCORD DESTINE A UN CONVOYEUR A VIS COMPORTANT PLUSIEURS VIS COUPLEES**  
[72] RAY, RICHARD, US  
[71] RAY'S WELDING SHOP, INC., US  
[22] 2016-04-15  
[41] 2016-10-15  
[30] US (62/147,680) 2015-04-15

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[21] **2,927,391**

[13] A1

[51] **Int.Cl. B60S 3/00 (2006.01) G05B 19/042 (2006.01)**

[25] EN

[54] **MANAGING AUTHORIZATION CODES FROM MULTIPLE SOURCES**

[54] **GESTION DE CODES D'AUTORISATION PROVENANT DE PLUSIEURS SOURCES**

[72] EWING, NATHAN STEWART, CA

[72] BENFORD, PETER ANTHONY, US

[72] SPALDING, MATTHEW WILLIAM, CA

[72] TAPSCOTT, JARED JONATHAN, CA

[71] EWING, NATHAN STEWART, CA

[71] BENFORD, PETER ANTHONY, US

[71] SPALDING, MATTHEW WILLIAM, CA

[71] TAPSCOTT, JARED JONATHAN, CA

[22] 2016-04-13

[41] 2016-10-13

[30] US (62/146,455) 2015-04-13

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[21] **2,928,657**

[13] A1

[51] **Int.Cl. E06B 7/16 (2006.01) E04B 1/62 (2006.01) E06B 1/04 (2006.01) E06B 1/34 (2006.01) E06B 3/30 (2006.01)**

[25] EN

[54] **HIGH THERMAL PERFORMANCE WINDOW FRAME**

[54] **CADRE DE FENETRE A HAUT RENDEMENT THERMIQUE**

[72] HOOPER, WILLIAM J., JR., US

[72] BARBULESCU, ION-HORATIU, US

[71] ALCOA INC., US

[22] 2016-04-29

[41] 2016-10-13

[30] US (14/699,111) 2015-04-29

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[21] **2,938,943**

[13] A1

[51] **Int.Cl. A63B 67/14 (2006.01) A63B 60/00 (2015.01) A46B 15/00 (2006.01) A63B 59/00 (2015.01)**

[25] EN

[54] **CURLING BRUSH WITH IMPROVED PRESSURE DISTRIBUTION, SNAP-FIT HEAD ASSEMBLY, MOULDED BRUSH PAD AND PIVOT LIMITING MEANS**

[54] **BROSSE DE CURLING A DISTRIBUTION DE PRESSION AMELIOREE, ENSEMBLE DE TETE A ENCLenchEMENT, COUSSIN DE BROSSE MOULE ET MECANISMES LIMITEURS DE PIVOTEMENT**

[72] SANDE, GERALD, CA

[72] SANDE, JENNIFER, CA

[71] SANDE, GERALD, CA

[71] SANDE, JENNIFER, CA

[22] 2016-08-12

[41] 2016-10-14

[30] CA (2919265) 2016-01-28

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[13] A1

[51] **Int.Cl. A23L 27/20 (2016.01) A23L 23/00 (2016.01) A23L 27/00 (2016.01) A23L 27/24 (2016.01) A23L 27/26 (2016.01) A23L 33/11 (2016.01) C11B 1/04 (2006.01) C11B 3/02 (2006.01) C12P 7/64 (2006.01)**

[25] EN

[54] **FAT ACTIVATION WITH SEAWEED**

[54] **ACTIVATION LIPIDIQUE A L'AIDE D'ALGUES**

[72] QIN, LAN, CN

[72] KONG, SHUHUA, CN

[71] NESTEC S.A., CH

[85] 2016-04-19

[86] 2013-10-21 (PCT/CN2013/085578)

[87] (WO2015/058330)

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[21] **2,930,936**  
[13] A1

[51] **Int.Cl. H01H 73/06 (2006.01) H01R 13/713 (2006.01)**

[25] EN

[54] **INSULATIVE FIXING PLATE DAMAGED WHEN OVERHEATING AS WELL AS A PLUG AND A SOCKET USING THAT INSULATIVE FIXING PLATE**

[54] **PLAQUE DE FIXATION ISOLANTE ENDOMMAGEE LORSQUE SURCHAUFFEE AINSI QUE BOUCHON ET DOUILLE COMPORTANT LADITE PLAQUE DE FIXATION ISOLANTE**

[72] WANG, CHUAN-SHENG, TW

[71] ATOM TECHNOLOGY INC., TW

[85] 2016-05-25

[86] 2015-04-14 (PCT/CN2015/076561)

[87] (2930936)

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[21] **2,936,381**  
[13] A1

[51] **Int.Cl. B22D 41/18 (2006.01)**

[25] EN

[54] **HEATED CONTROL PIN**

[54] **TIGE DE COMMANDE CHAUFFEE**

[72] TREMBLAY, SYLVAIN, CA

[72] BOUCHARD, JENS, CA

[72] BOUCHARD, MICHAEL, CA

[71] PYROTEK HIGH-TEMPERATURE INDUSTRIAL PRODUCTS INC., CA

[85] 2016-07-15

[86] 2016-03-21 (PCT/CA2016/050317)

[87] (2936381)

[30] US (62/138,755) 2015-03-26

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[21] **2,937,575**  
[13] A1

[51] **Int.Cl. B05B 11/00 (2006.01) B65D 83/22 (2006.01) B65D 83/40 (2006.01)**

[25] EN

[54] **DISPENSING DEVICE**

[54] **DISPOSITIF DISTRIBUTEUR**

[72] BARENHOFF, SWEN, DE

[72] JASPER, BERND, DE

[71] APTAR DORTMUND GMBH, DE

[85] 2016-07-21

[86] 2014-04-19 (PCT/EP2014/001081)

[87] (WO2015/117625)

[30] DE (20 2014 001 084.6) 2014-02-10

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[21] **2,940,867**  
[13] A1

[51] **Int.Cl. G06F 9/44 (2006.01)**

[25] EN

[54] **COMMON BOOT SEQUENCE FOR CONTROL UTILITY ABLE TO BE INITIALIZED IN MULTIPLE ARCHITECTURES**

[54] **SEQUENCE D'AMORCAGE COMMUNE POUR UNE FONCTIONNALITE DE COMMANDE APTE A ETRE INITIALISEE DANS DE MULTIPLES ARCHITECTURES**

[72] GSCHWIND, MICHAEL KARL, US

[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US

[85] 2016-08-26

[86] 2015-02-20 (PCT/EP2015/053638)

[87] (WO2015/139917)

[30] US (14/217,800) 2014-03-18

[30] US (14/554,313) 2014-11-26

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[21] **2,941,694**  
[13] A1

[51] **Int.Cl. C12N 1/20 (2006.01) A61K 35/741 (2015.01) A61K 35/747 (2015.01) A23L 33/135 (2016.01) A61K 9/02 (2006.01) A61K 9/14 (2006.01) A61P 31/04 (2006.01) C12N 11/02 (2006.01)**

[25] EN

[54] **PROBIOTIC FORMULATIONS AND METHODS FOR USE**

[54] **PREPARATIONS PROBIOTIQUES ET METHODES D'UTILISATION ASSOCIEES**

[72] BAILEY, MICHAEL, US

[72] GOODMAN, STEVEN D., US

[72] BAKALETZ, LAUREN O., US

[72] BESNER, GAIL, US

[71] RESEARCH INSTITUTE OF NATIONWIDE CHILDREN'S HOSPITAL, US

[71] OHIO STATE INNOVATION FOUNDATION, US

[85] 2016-09-06

[86] 2015-03-05 (PCT/US2015/019059)

[87] (WO2015/134808)

[30] US (61/949,058) 2014-03-06

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[21] **2,942,213**  
[13] A1

[51] **Int.Cl. A61F 2/16 (2006.01)**  
[25] EN  
[54] **INTRAOCULAR LENS THAT IMPROVES OVERALL VISION WHERE THERE IS A LOCAL LOSS OF RETINAL FUNCTION**  
[54] **LENTILLE INTRA-OCULAIRE AMELIORANT LA VISION GLOBALE EN CAS DE PERTE LOCALISEE DE LA FONCTION RETINIENNE**  
[72] ROSEN, ROBERT, NL  
[72] WEEBER, HENDRIK A., NL  
[72] CANOVAS VIDAL, CARMEN, NL  
[72] VAN DER MOOREN, MARRIE, NL  
[72] SELLITRI, DORA, NL  
[71] AMO GRONINGEN B.V., NL  
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[87] (WO2015/150925)  
[30] US (61/950,757) 2014-03-10  
[30] US (61/987,647) 2014-05-02

[21] **2,942,391**  
[13] A1

[51] **Int.Cl. D04H 1/54 (2012.01) A61F 13/15 (2006.01) A61F 13/512 (2006.01) B26F 1/00 (2006.01)**  
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[54] **METHODS FOR MAKING ZONED APERTURED WEBS**  
[54] **PROCEDES POUR FABRIQUER DES BANDES PERFOREES A ZONES**  
[72] GALIE, THERESA LYNN, US  
[72] KNAPMEYER, JAMES TERRY, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2016-09-09  
[86] 2015-03-31 (PCT/US2015/023551)  
[87] (WO2015/157032)  
[30] US (14/247,276) 2014-04-08

[21] **2,942,692**  
[13] A1

[51] **Int.Cl. B65D 65/40 (2006.01) B32B 27/32 (2006.01)**  
[25] EN  
[54] **PACKAGING FILM**  
[54] **FEUILLE D'EMBALLAGE**  
[72] SEBALD, INGRID, DE  
[72] SCHMIDT, WERNER, DE  
[72] GRIMM, FELIX, DE  
[71] INFIANA GERMANY GMBH & CO. KG, DE  
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[86] 2015-03-19 (PCT/EP2015/000610)  
[87] (WO2015/139843)  
[30] DE (10 2014 004 042.9) 2014-03-21  
[30] DE (10 2014 010 691.8) 2014-03-21  
[30] DE (10 2014 010 986.0) 2014-07-29

[21] **2,942,703**  
[13] A1

[51] **Int.Cl. B65D 65/40 (2006.01) B32B 3/06 (2006.01) B32B 27/32 (2006.01) B65D 33/00 (2006.01) B32B 7/06 (2006.01) B32B 38/06 (2006.01)**  
[25] EN  
[54] **PACKAGING**  
[54] **EMBALLAGE**  
[72] SEBALD, INGRID, DE  
[72] SCHMIDT, WERNER, DE  
[72] GRIMM, FELIX, DE  
[71] INFIANA GERMANY GMBH & CO. KG, DE  
[85] 2016-09-14  
[86] 2015-03-19 (PCT/EP2015/000612)  
[87] (WO2015/139845)  
[30] DE (10 2014 004 042.9) 2014-03-21  
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[13] A1

[51] **Int.Cl. B09C 1/06 (2006.01) B01D 3/34 (2006.01) E21B 21/01 (2006.01) E21B 21/06 (2006.01) F26B 3/36 (2006.01) F26B 11/12 (2006.01)**  
[25] EN  
[54] **METHOD OF TREATING A MATERIAL**  
[54] **PROCEDE DE TRAITEMENT D'UN MATERIAU**  
[72] BIKASS, SAEED, NO  
[72] MONSEN, STEIN-KYRRE, NO  
[71] THERMTECH HOLDING AS, NO  
[85] 2016-09-14  
[86] 2015-04-13 (PCT/NO2015/000006)  
[87] (WO2015/156677)  
[30] GB (1406538.7) 2014-04-11

[21] **2,942,800**  
[13] A1

[51] **Int.Cl. C08J 5/12 (2006.01) C08J 3/24 (2006.01) C08J 7/12 (2006.01) C08K 5/13 (2006.01) D06M 13/00 (2006.01)**  
[25] EN  
[54] **METHODS OF USING A PHENOLIC FATTY ACID COMPOUND ON A NON-PHENOLIC POLYMER**  
[54] **PROCEDES D'UTILISATION D'UN COMPOSE D'ACIDE GRAS PHENOLIQUE SUR UN POLYMERE NON PHENOLIQUE**  
[72] BANACH, TIMOTHY EDWARD, US  
[72] BODE, DANIEL, US  
[72] STELLA, GUY, US  
[72] CRAUN, GARY, US  
[71] SI GROUP, INC., US  
[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL  
[85] 2016-09-13  
[86] 2015-03-13 (PCT/US2015/020537)  
[87] (WO2015/138959)  
[30] US (61/953,455) 2014-03-14

[21] **2,942,820**  
[13] A1

[51] **Int.Cl. C07K 16/10 (2006.01) A61K 39/42 (2006.01) A61P 31/16 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01)**  
[25] EN  
[54] **ANTI-INFLUENZA B VIRUS HEMAGGLUTININ ANTIBODIES AND METHODS OF USE**  
[54] **ANTICORPS HEMAGGLUTININE DIRIGES CONTRE LE VIRUS DE LA GRIPPE B ET METHODES D'UTILISATION**  
[72] SWEM, LEE, US  
[72] XU, MIN, US  
[72] BALAZS, MERCEDESZ, US  
[72] CHAI, NING, US  
[72] CHIANG, NANCY, US  
[72] CHIU, HENRY, US  
[72] LIN, ZHONGHUA, US  
[72] NAKAMURA, GERALD R., US  
[72] PARK, HYUNJOO, US  
[71] GENENTECH, INC., US  
[85] 2016-09-14  
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[13] A1

[51] **Int.Cl. F02C 7/26 (2006.01) F02C 7/228 (2006.01) F02C 7/232 (2006.01) F02C 7/236 (2006.01) F02C 7/264 (2006.01) F02C 9/28 (2006.01) F02C 9/32 (2006.01)**

[25] EN

[54] **METHOD FOR STARTING A GAS TURBINE**

[54] **PROCEDE DE DEMARRAGE D'UNE TURBINE A GAZ**

[72] D'ALESSANDRO, GIUSEPPE, IT

[72] MAMPRESO, MARTA, IT

[71] NUOVO PIGNONE SRL, IT

[85] 2016-09-15

[86] 2015-03-18 (PCT/EP2015/055647)

[87] (WO2015/140200)

[30] IT (CO2014A000007) 2014-03-18

[21] **2,942,840**  
[13] A1

[51] **Int.Cl. E21B 33/08 (2006.01)**

[25] EN

[54] **SEALING ELEMENT MOUNTING**

[54] **MONTAGE D'ELEMENT D'ETANCHEITE**

[72] CHAMBERS, JAMES W., US

[72] WILSON, RICHARD D., US

[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US

[85] 2016-09-14

[86] 2015-04-30 (PCT/US2015/028586)

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[30] US (61/986,544) 2014-04-30

[21] **2,942,842**  
[13] A1

[51] **Int.Cl. C01F 7/00 (2006.01) C01F 5/14 (2006.01) C01F 11/02 (2006.01) C01G 3/02 (2006.01) C01G 9/02 (2006.01) C01G 53/04 (2006.01)**

[25] EN

[54] **HIGH SURFACE AREA LAYERED DOUBLE HYDROXIDES**

[54] **HYDROXYDES DOUBLES STRATIFIES A SURFACE SPECIFIQUE ELEVEE**

[72] O'HARE, DERMOT, GB

[72] CHEN, CHUNPING, GB

[72] WANGRIYA, AUNCHANA, TH

[72] WANGARIYAKAWEE, ANCHALEE, TH

[71] SCG CHEMICALS CO., LTD., TH

[85] 2016-09-15

[86] 2015-03-25 (PCT/EP2015/056444)

[87] (WO2015/144778)

[30] GB (1405543.8) 2014-03-27

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[13] A1

[51] **Int.Cl. G01N 33/48 (2006.01)**

[25] EN

[54] **NEW MARKERS FOR THE ASSESSMENT OF THE RISK FOR DEVELOPMENT OF A CARDIOVASCULAR DISORDER**

[54] **NOUVEAUX MARQUEURS POUR L'EVALUATION DU RISQUE DE DEVELOPPEMENT DE TROUBLE CARDIOVASCULAIRE**

[72] HESS, SYBILLE, DE

[72] GERSTEIN, HERTZEL, CA

[72] PARE, GUILLAUME, CA

[72] MCQUEEN, MATTHEW, CA

[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE

[71] MCMASTER UNIVERSITY, CA

[85] 2016-09-15

[86] 2015-03-20 (PCT/EP2015/055981)

[87] (WO2015/140317)

[30] EP (14305406.2) 2014-03-21

[30] EP (14306528.2) 2014-09-30

[21] **2,942,850**  
[13] A1

[51] **Int.Cl. E04C 2/12 (2006.01) E04C 2/10 (2006.01)**

[25] EN

[54] **LIGHTWEIGHT CONSTRUCTION ELEMENT, MANUFACTURING METHOD THEREFOR, USE OF SAME, AND LIGHTWEIGHT PANEL AND INSULATING MATERIAL**

[54] **ELEMENT DE CONSTRUCTION LEGER, PROCEDE DE PRODUCTION DUDIT ELEMENT, UTILISATION DUDIT ELEMENT, ET PLAQUE LEGERE ET MATERIAU ISOLANT**

[72] BERGER, JOHANN, CH

[71] BIONIC ALPHA AG, CH

[85] 2016-09-15

[86] 2015-04-02 (PCT/EP2015/057277)

[87] (WO2015/155105)

[30] CH (00566/14) 2014-04-11

[21] **2,942,858**  
[13] A1

[51] **Int.Cl. B66B 5/00 (2006.01)**

[25] EN

[54] **METHOD FOR OPERATING A LIFT SYSTEM AND A LIFT CONTROL DEVICE OPERATING IN ACCORDANCE WITH THE METHOD**

[54] **PROCEDE POUR FAIRE FONCTIONNER UNE INSTALLATION D'ASCENSEUR ET DISPOSITIF DE COMMANDE D'ASCENSEUR FONCTIONNANT SELON LE PROCEDE**

[72] CORTONA, ELENA, CH

[72] SCHMID, FRANKIE, CH

[71] INVENTIO AG, CH

[85] 2016-09-15

[86] 2015-04-13 (PCT/EP2015/057980)

[87] (WO2015/158662)

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[21] **2,942,859**  
[13] A1

[51] **Int.Cl. A61K 47/34 (2006.01) A61K 9/14 (2006.01) A61K 31/53 (2006.01) A61K 47/12 (2006.01) A61K 47/28 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **THERAPEUTIC NANOPARTICLES COMPRISING A THERAPEUTIC AGENT AND METHODS OF MAKING AND USING SAME**

[54] **NANOPARTICULES THERAPEUTIQUES COMPORTANT UN AGENT THERAPEUTIQUE, ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**

[72] BAGRODIA, SHUBHA, US

[72] LAFONTAINE, JENNIFER, US

[72] LOVATT, ZACH, US

[72] SHIN, EYOUNG, US

[72] SONG, YOUNG HO, US

[72] TROIANO, GREG, US

[72] WANG, HONG, US

[71] PFIZER INC., US

[85] 2016-09-14

[86] 2015-03-13 (PCT/US2015/020343)

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[13] A1

[51] **Int.Cl. B29C 44/12 (2006.01) B29C 44/34 (2006.01) B29C 33/10 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR MANUFACTURING PANELS MADE OF EXPANDED PLASTIC MATERIAL**

[54] **APPAREIL ET PROCÉDE DE FABRICATION DE PANNEAUX CONSTITUÉS DE MATÉRIAU PLASTIQUE EXPANSÉ**

[72] MANNI, GIUSEPPE, IT  
[71] MANNI S.P.A., IT

[85] 2016-09-15  
[86] 2015-03-23 (PCT/EP2015/056130)  
[87] (WO2015/144641)  
[30] IT (VR2014A000076) 2014-03-27

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[13] A1

[51] **Int.Cl. C03C 10/14 (2006.01) A61K 6/027 (2006.01) C03B 32/02 (2006.01)**

[25] EN

[54] **GLASS CERAMIC HAVING A QUARTZ SOLID SOLUTION PHASE**

[54] **VITROCÉRAMIQUES À PHASE HOMOGÈNE SOLIDE DE QUARTZ**

[72] DITTMER, MARC, AT  
[72] HOLAND, WOLFRAM, LI  
[72] SCHWEIGER, MARCEL, CH  
[72] RUSSEL, CHRISTIAN, DE  
[72] BERNDT, SABRINA, DE  
[71] IVOCLAR VIVADENT AG, LI

[85] 2016-09-15  
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[87] (WO2015/155038)  
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[21] **2,942,868**  
[13] A1

[51] **Int.Cl. E03B 7/07 (2006.01) F16L 37/107 (2006.01)**

[25] EN

[54] **HYDRAULIC ASSEMBLY FOR CONTROLLING A LIQUID**

[54] **ENSEMBLE HYDRAULIQUE POUR COMMANDER UN LIQUIDE**

[72] LAVAZZA, ALBERTO, IT  
[71] R.P.E. S.R.L., IT

[85] 2016-09-15  
[86] 2015-03-17 (PCT/IB2015/051960)  
[87] (WO2015/140720)  
[30] IT (MI2014U000106) 2014-03-17

[21] **2,942,873**  
[13] A1

[51] **Int.Cl. B23B 27/00 (2006.01) B23B 27/04 (2006.01) B23B 27/14 (2006.01) B23B 29/04 (2006.01) B23C 5/16 (2006.01)**

[25] EN

[54] **CUTTING TOOL AND CUTTING INSERT HAVING EXACTLY FOUR CUTTING PORTIONS THEREFOR**

[54] **OUTIL DE COUPE ET SA PLAQUETTE DE COUPE COMPORTANT EXACTEMENT QUATRE PARTIES DE COUPE**

[72] HECHT, GIL, IL  
[71] ISCAR LTD., IL

[85] 2016-09-15  
[86] 2015-03-12 (PCT/IL2015/050259)  
[87] (WO2015/155756)  
[30] US (14/249,844) 2014-04-10

[21] **2,942,875**  
[13] A1

[51] **Int.Cl. C08J 5/12 (2006.01) A24B 13/00 (2006.01) A24B 15/00 (2006.01) A24B 15/18 (2006.01)**

[25] EN

[54] **PRODUCT PORTION ENROBING PROCESS AND APPARATUS**

[54] **PROCÉDE ET APPAREIL D'ENROBAGE DE PARTIE DE PRODUIT**

[72] EVANS, JAMES DAVID, US  
[72] CARROLL, ANDREW NATHAN, US  
[72] BLACK, SHANNON MAXWELL, US  
[71] ALTRIA CLIENT SERVICES LLC, US

[85] 2016-09-14  
[86] 2015-03-13 (PCT/US2015/020454)  
[87] (WO2015/138903)  
[30] US (61/953,479) 2014-03-14

[21] **2,942,884**  
[13] A1

[51] **Int.Cl. F02G 1/053 (2006.01) F02G 1/043 (2006.01)**

[25] EN

[54] **LINEAR CROSS-HEAD BEARING FOR STIRLING ENGINE**

[54] **PALIER À CROISILLON LINEAIRE POUR MOTEUR STIRLING**

[72] LANGENFELD, CHRISTOPHER C., US  
[72] BHAT, MITHUN, US  
[72] BHAT, PRASHANT, US  
[72] KAMEN, DEAN, US  
[71] NEW POWER CONCEPTS LLC, US

[85] 2016-09-14  
[86] 2015-03-13 (PCT/US2015/020527)  
[87] (WO2015/138953)  
[30] US (14/211,621) 2014-03-14  
[30] US (14/553,824) 2014-11-25  
[30] US (14/657,719) 2015-03-13

[21] **2,942,894**  
[13] A1

[51] **Int.Cl. A23L 3/3508 (2006.01) A23L 3/3463 (2006.01) A23L 3/3472 (2006.01) C12J 1/00 (2006.01)**

[25] EN

[54] **NEUTRALIZED VINEGAR CONCENTRATES AND LIQUID FOOD GRADE BLENDS CONTAINING SAID NEUTRALIZED VINEGAR CONCENTRATES**

[54] **CONCENTRÉS DE VINAIGRE NEUTRALISÉ ET MÉLANGES DE QUALITÉ ALIMENTAIRE CONTENANT LEDITS CONCENTRÉS DE VINAIGRE NEUTRALISÉ**

[72] ROOZEN, LAMBERTUS HENRICUS ELISABETH, NL  
[72] HILHORST, GERRIT ANTHON RENE, NL  
[72] NEUBAUER, ANJA, NL  
[71] PURAC BIOCHEM B.V., NL

[85] 2016-09-15  
[86] 2015-03-23 (PCT/NL2015/050187)  
[87] (WO2015/147638)  
[30] EP (14161285.3) 2014-03-24  
[30] US (61/969,332) 2014-03-24

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[13] A1

[51] **Int.Cl. A01K 5/02 (2006.01) A01K 1/00 (2006.01) A01K 7/02 (2006.01)**  
[25] EN  
[54] **ANIMAL SHED, COMPRISING AT LEAST ONE FEEDING DEVICE AND AT LEAST ONE SEPARATE WATERING DEVICE**  
[54] **ABRI POUR LES ANIMAUX, COMPRENANT AU MOINS UN DISPOSITIF D'ALIMENTATION ET AU MOINS UN DISPOSITIF D'ABREUVEMENT DISTINCT**  
[72] VAN DEN BERG, KAREL, NL  
[71] LELY PATENT N.V., NL  
[85] 2016-09-15  
[86] 2015-04-09 (PCT/NL2015/050230)  
[87] (WO2015/160241)  
[30] NL (2012645) 2014-04-17

[21] **2,942,912**  
[13] A1

[51] **Int.Cl. H04N 21/647 (2011.01) H04N 21/41 (2011.01) H04N 21/436 (2011.01) H04N 21/63 (2011.01) H04L 12/24 (2006.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR RECOMMENDING COMMUNICATIONS CONFIGURATIONS**  
[54] **PROCEDES ET SYSTEMES POUR RECOMMANDER DES CONFIGURATIONS DE COMMUNICATION**  
[72] ABRAMOV, ANDREY L., US  
[72] GEORGES, YOHANN, US  
[72] MULE, SACHIN D., IN  
[71] SLING MEDIA INC., US  
[85] 2016-09-15  
[86] 2015-03-17 (PCT/US2015/021085)  
[87] (WO2015/142939)  
[30] US (14/217,881) 2014-03-18

[21] **2,942,942**  
[13] A1

[51] **Int.Cl. F02C 7/262 (2006.01) B64C 27/04 (2006.01) B64D 35/08 (2006.01) F02C 7/275 (2006.01) F02C 9/42 (2006.01)**  
[25] FR  
[54] **ARCHITECTURE OF A MULTIPLE-ENGINE HELICOPTER PROPULSION SYSTEM, AND CORRESPONDING HELICOPTER**  
[54] **ARCHITECTURE D'UN SYSTEME PROPULSIF D'UN HELICOPTERE MULTI-MOTEUR ET HELICOPTERE CORRESPONDANT**  
[72] MERCIER-CALVAIRAC, FABIEN, FR  
[72] BEDDOK, STEPHANE, FR  
[72] CHEVALIER, STEPHANE, FR  
[72] HUMBERT, SOPHIE, FR  
[71] SAFRAN POWER UNITS, FR  
[71] SAFRAN HELICOPTER ENGINES, FR  
[85] 2016-09-15  
[86] 2015-03-20 (PCT/FR2015/050693)  
[87] (WO2015/145037)  
[30] FR (1452647) 2014-03-27

[21] **2,942,944**  
[13] A1

[51] **Int.Cl. F02C 3/10 (2006.01) F02C 3/113 (2006.01) F02C 7/36 (2006.01)**  
[25] FR  
[54] **TURBOSHAFT ENGINE, TWIN-ENGINE HELICOPTER EQUIPPED WITH SUCH A TURBOSHAFT ENGINE, AND METHOD FOR OPTIMISING THE ZERO-POWER SUPER-IDLE SPEED OF SUCH A TWIN-ENGINE HELICOPTER**  
[54] **TURBOMOTEUR, HELICOPTERE BIMOTEUR EQUIPE D'UN TEL TURBOMOTEUR ET PROCEDE D'OPTIMISATION DU REGIME DE SUPER-RALENTI A PUISSANCE NULLE D'UN TEL HELICOPTERE BIMOTEUR**  
[72] MARCONI, PATRICK, FR  
[72] THIRIET, ROMAIN, FR  
[72] BEDRINE, OLIVIER, FR  
[71] SAFRAN HELICOPTER ENGINES, FR  
[85] 2016-09-15  
[86] 2015-03-20 (PCT/FR2015/050699)  
[87] (WO2015/145043)  
[30] FR (1452645) 2014-03-27

[21] **2,942,962**  
[13] A1

[51] **Int.Cl. F02C 7/262 (2006.01) F02C 3/10 (2006.01) F02C 7/275 (2006.01) F02C 7/36 (2006.01) F02C 9/42 (2006.01)**  
[25] FR  
[54] **ASSISTANCE DEVICE FOR AN AIRCRAFT FREE TURBINE TURBOMACHINE**  
[54] **DISPOSITIF D'ASSISTANCE POUR UNE TURBOMACHINE A TURBINE LIBRE D'AERONEF**  
[72] POUMAREDE, VINCENT, FR  
[72] BAZET, JEAN-MICHEL, FR  
[72] KLONOWSKI, THOMAS, FR  
[71] SAFRAN HELICOPTER ENGINES, FR  
[85] 2016-09-15  
[86] 2015-03-26 (PCT/FR2015/050766)  
[87] (WO2015/145076)  
[30] FR (1400752) 2014-03-27

[21] **2,942,965**  
[13] A1

[51] **Int.Cl. B65D 5/54 (2006.01) B65D 5/42 (2006.01) B65D 71/34 (2006.01)**  
[25] EN  
[54] **BLANK, CARTON AND PACKAGE WITH DUAL ACCESS FEATURE**  
[54] **FLAN, CARTON ET EMBALLAGE A DOUBLE ACCES**  
[72] GRACE, MICHAEL J., US  
[72] HARRIGAN, KELLY A., US  
[72] ZACHERLE, MATTHEW E., US  
[72] RAMSUER, BRANDON L., US  
[71] WESTROCK PACKAGING SYSTEMS, LLC, US  
[85] 2016-09-15  
[86] 2015-03-19 (PCT/US2015/021487)  
[87] (WO2015/143168)  
[30] US (61/955,933) 2014-03-20

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[13] A1

[51] **Int.Cl. C07D 295/155 (2006.01) A61K 31/277 (2006.01) A61K 31/341 (2006.01) A61K 31/381 (2006.01) A61K 31/445 (2006.01) A61K 31/495 (2006.01) A61K 31/5375 (2006.01) A61K 31/706 (2006.01) C07C 255/43 (2006.01) C07C 311/13 (2006.01) C07D 295/13 (2006.01) C07D 307/54 (2006.01) C07D 333/24 (2006.01) C07H 13/00 (2006.01) C07H 13/04 (2006.01) G01N 33/58 (2006.01)**

[25] EN  
[54] **AMYLOID TARGETING AGENTS AND METHODS OF USING THE SAME**  
[54] **AGENTS CIBLANT LES AMYLOIDES ET PROCEDES DE LEUR UTILISATION**

[72] YANG, JERRY, US  
[72] THEODORAKIS, EMMANUEL A., US  
[72] SARRAF, STELLA, US  
[71] AMYDIS DIAGNOSTICS, INC., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2016-09-15  
[86] 2015-03-19 (PCT/US2015/021512)  
[87] (WO2015/143185)  
[30] US (61/955,366) 2014-03-19

[21] **2,943,002**  
[13] A1

[51] **Int.Cl. C07D 417/04 (2006.01) A61K 31/433 (2006.01) A61K 31/4436 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/497 (2006.01) A61K 31/506 (2006.01) C07D 213/74 (2006.01) C07D 241/20 (2006.01) C07D 401/04 (2006.01) C07D 409/04 (2006.01)**

[25] EN  
[54] **NOVEL COMPOUNDS**  
[54] **NOUVEAUX COMPOSES**

[72] THEDE, KAI, DE  
[72] BENDER, ECKHARD, DE  
[72] SCOTT, WILLIAM, US  
[72] GIESE, ANJA, DE  
[72] ZORN, LUDWIG, DE  
[72] LIU, NINGSHU, DE  
[72] MONNING, URSULA, DE  
[72] SIEGEL, FRANZISKA, DE  
[72] GOLZ, STEFAN, DE  
[72] HAGEBARTH, ANDREA, DE  
[72] LIENAU, PHILIP, DE  
[72] PUEHLER, FLORIAN, US  
[72] BASTING, DANIEL, DE  
[72] SCHNEIDER, DIRK, DE  
[72] MOWES, MANFRED, DE  
[72] GEISLER, JENS, DE  
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE  
[85] 2016-09-16  
[86] 2015-03-18 (PCT/EP2015/055629)  
[87] (WO2015/140195)  
[30] US (61/968,172) 2014-03-20  
[30] EP (14185274.9) 2014-09-18

[21] **2,943,008**  
[13] A1

[51] **Int.Cl. C07K 19/00 (2006.01) A61K 39/395 (2006.01) A61P 35/02 (2006.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01)**

[25] EN  
[54] **CD123 SPECIFIC CHIMERIC ANTIGEN RECEPTORS FOR CANCER IMMUNOTHERAPY**  
[54] **RECEPTEURS D'ANTIGENES CHIMERES SPECIFIQUES DE CD123 POUR UNE IMMUNOTHERAPIE DU CANCER**

[72] GALETTO, ROMAN, FR  
[71] COLLECTIS, FR  
[85] 2016-09-16  
[86] 2015-03-19 (PCT/EP2015/055848)  
[87] (WO2015/140268)  
[30] DK (PA201470137) 2014-03-19

[21] **2,943,009**  
[13] A1

[51] **Int.Cl. C08J 9/08 (2006.01) B29C 44/18 (2006.01)**

[25] EN  
[54] **THERMALLY EXPANDABLE COMPOSITIONS**  
[54] **COMPOSITIONS THERMOEXPANSIBLES**

[72] KOHLSTRUNG, RAINER, DE  
[72] RAPPMANN, KLAUS, DE  
[71] HENKEL AG & CO. KGAA, DE  
[85] 2016-09-16  
[86] 2015-03-20 (PCT/EP2015/055885)  
[87] (WO2015/140282)  
[30] DE (10 2014 205 330.7) 2014-03-21

[21] **2,943,010**  
[13] A1

[51] **Int.Cl. C07F 13/00 (2006.01) A61K 31/28 (2006.01) A61K 33/24 (2006.01) A61K 33/32 (2006.01) A61P 9/00 (2006.01) A61P 29/00 (2006.01) C07F 15/00 (2006.01) C07F 15/06 (2006.01)**

[25] EN  
[54] **FUMARATE-CO-RELEASING MOLECULE HYBRIDS, THEIR USE IN THE TREATMENT OF INFLAMMATORY OR CARDIOVASCULAR DISEASES AND THEIR PROCESS OF PREPARATION**  
[54] **HYBRIDES MOLECULAIRES LIBERANT DU FUMARATE ET DU CO, LEUR UTILISATION DANS LE CADRE DU TRAITEMENT DE MALADIES INFLAMMATOIRES OU CARDIOVASCULAIRES ET LEUR PROCEDE DE PREPARATION**

[72] MOTTERLINI, ROBERTO, FR  
[72] FORESTI, ROBERTA, FR  
[72] MARTENS, THIERRY, FR  
[72] RIVARD, MICHAEL, FR  
[71] UNIVERSITE PARIS EST CRETEIL VAL DE MARNE, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR  
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR  
[85] 2016-09-16  
[86] 2015-03-20 (PCT/EP2015/056024)  
[87] (WO2015/140337)  
[30] EP (14305408.8) 2014-03-21

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[13] A1

[51] **Int.Cl. A61C 13/00 (2006.01) A61C 13/01 (2006.01)**  
[25] EN  
[54] **PREFORMED PROSTHESIS-BASE BLANK**  
[54] **EBAUCHE DE BASE DE PROTHESE PREFORMEE**  
[72] SAVIC, NOVICA, DE  
[72] GALL, SILKE MAREN, DE  
[72] RENZ, KARL-HEINZ, DE  
[72] STUMBAUM, JULIANE, DE  
[72] BEUER, FLORIAN, DE  
[72] SCHWEIGER, JOSEF, DE  
[71] HERAEUS KULZER GMBH, DE  
[85] 2016-09-16  
[86] 2015-04-09 (PCT/EP2015/057710)  
[87] (WO2015/155284)  
[30] DE (102014105189.0) 2014-04-11

[21] **2,943,019**  
[13] A1

[51] **Int.Cl. A61K 49/00 (2006.01) B82Y 30/00 (2011.01) A61K 9/14 (2006.01)**  
[25] EN  
[54] **MAGNETIC AND FLUORESCENT REVERSE NANOASSEMBLIES**  
[54] **NANOENSEMBLES MAGNETIQUES ET FLUORESCENTS A ARCHITECTURES INVERSES**  
[72] ISHOW, ELENA, FR  
[72] FAUCON, ADRIEN, FR  
[71] UNIVERSITE DE NANTES, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR  
[85] 2016-09-16  
[86] 2015-03-18 (PCT/EP2015/055711)  
[87] (WO2015/140223)  
[30] US (14/218,368) 2014-03-18

[21] **2,943,021**  
[13] A1

[51] **Int.Cl. A61K 31/557 (2006.01) A61K 9/16 (2006.01) A61K 9/48 (2006.01) A61K 31/05 (2006.01) A61K 31/202 (2006.01) A61K 47/04 (2006.01)**  
[25] EN  
[54] **SOLID FORMULATIONS CONTAINING OMEGA-3 AND RESVERATROL**  
[54] **FORMULATIONS SOLIDES CONTENANT DES OMEGA-3 ET DU RESVERATROL**  
[72] GIANNINI, GIUSEPPE, IT  
[72] SANTANIELLO, MOSE, IT  
[71] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A., IT  
[85] 2016-09-16  
[86] 2015-03-26 (PCT/EP2015/056530)  
[87] (WO2015/185239)  
[30] EP (14001940.7) 2014-06-04

[21] **2,943,029**  
[13] A1

[51] **Int.Cl. C12N 9/22 (2006.01) A01N 63/04 (2006.01) A01P 1/00 (2006.01) C11D 3/386 (2006.01) C11D 7/42 (2006.01) C12N 1/15 (2006.01) C12N 15/55 (2006.01) C12N 15/63 (2006.01)**  
[25] EN  
[54] **DETERGENT COMPOSITION**  
[54] **COMPOSITION DE DETERGENT**  
[72] GORI, KLAUS, DK  
[72] ALLESEN-HOLM, MARIE, DK  
[72] BALTSSEN, LILIAN EVA TANG, DK  
[72] NOERGAARD, ALLAN, DK  
[72] LEHMBECK, JAN, DK  
[71] NOVOZYMES A/S, DK  
[85] 2016-09-16  
[86] 2015-04-10 (PCT/EP2015/057883)  
[87] (WO2015/155350)  
[30] EP (14164424.5) 2014-04-11  
[30] EP (14166842.6) 2014-05-02  
[30] EP (14170342.1) 2014-05-28  
[30] EP (14172544.0) 2014-06-16  
[30] EP (15154471.5) 2015-02-10

[21] **2,943,035**  
[13] A1

[51] **Int.Cl. C12N 5/077 (2010.01) A61K 35/34 (2015.01) A61P 9/00 (2006.01) C12Q 1/02 (2006.01) C40B 40/02 (2006.01)**  
[25] EN  
[54] **METHOD FOR DIFFERENTIATION OF PLURIPOTENT STEM CELLS INTO CARDIOMYOCYTES**  
[54] **METHODE DE DIFFERENCIATION DE CELLULES SOUCHES PLURIPOTENTES EN CARDIOMYOCYTES**  
[72] BURCIN, MARK, CH  
[72] SCHLICHT, SONJA, CH  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2016-09-16  
[86] 2015-05-04 (PCT/EP2015/059745)  
[87] (WO2015/169762)  
[30] EP (14167201.4) 2014-05-06

[21] **2,943,040**  
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**  
[25] EN  
[54] **AN AEROSOL-GENERATING SYSTEM COMPRISING A MESH SUSCEPTOR**  
[54] **SYSTEME DE GENERATION D'AEROSOL COMPRENANT UN SUSCEPTEUR EN TREILLIS**  
[72] MIRONOV, OLEG, CH  
[72] THORENS, MICHEL, CH  
[72] ZINOVIK, IHAR NIKOLAEVICH, CH  
[71] PHILIP MORRIS PRODUCTS S.A., CH  
[85] 2016-09-16  
[86] 2015-05-14 (PCT/EP2015/060731)  
[87] (WO2015/177046)  
[30] EP (14169230.1) 2014-05-21

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[13] A1

[51] **Int.Cl. C12N 15/62 (2006.01) C07K 14/02 (2006.01) C12N 15/36 (2006.01) C12Q 1/68 (2006.01) C12Q 1/70 (2006.01) G01N 33/50 (2006.01)**

[25] EN

[54] **TAGGED HEPADNAVIRUS E ANTIGEN AND ITS USE IN SCREENING ANTIVIRAL SUBSTANCES**

[54] **ANTIGENE E DE VIRUS ADN DE L'HEPATITE MARQUE ET SON UTILISATION LORS D'UN CRIBLAGE DE SUBSTANCES ANTIVIRALES**

[72] GUO, HAITAO, US  
[72] CAI, DAWEI, US  
[72] CUCONATI, ANDREA, US  
[72] JI, CHANGHUA, CN  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[71] DREXEL UNIVERSITY, US  
[71] BARUCH S. BLUMBERG INSTITUTE, US

[85] 2016-09-16  
[86] 2015-06-19 (PCT/EP2015/063838)  
[87] (WO2015/193484)  
[30] US (62/014,996) 2014-06-20

[21] **2,943,062**  
[13] A1

[51] **Int.Cl. B22D 35/04 (2006.01) B22C 7/02 (2006.01) B22C 9/04 (2006.01)**

[25] FR

[54] **CASTING TREE AND METHOD OF ASSEMBLY**

[54] **ARBRE DE COULEE ET PROCEDE D'ASSEMBLAGE**

[72] MARQUES, FRANCOIS, FR  
[72] GRISET, OLIVIER, FR  
[71] SAFRAN AIRCRAFT ENGINES, FR

[85] 2016-09-16  
[86] 2015-03-09 (PCT/FR2015/050578)  
[87] (WO2015/140448)  
[30] FR (1452292) 2014-03-19

[21] **2,943,067**  
[13] A1

[51] **Int.Cl. A61L 15/28 (2006.01) A61F 13/15 (2006.01) A61F 13/53 (2006.01) A61L 15/22 (2006.01) A61L 15/60 (2006.01) B32B 9/02 (2006.01) B32B 5/02 (2006.01)**

[25] EN

[54] **WOUND DRESSING**

[54] **PANSEMENT POUR PLAIE**

[72] HOGGARTH, ANDREW, GB  
[72] WARDE, DAVID, GB  
[72] HARDY, CRAIG, GB  
[71] MEDTRADE PRODUCTS LIMITED, GB

[85] 2016-09-16  
[86] 2015-03-19 (PCT/GB2015/050818)  
[87] (WO2015/140565)  
[30] GB (1404944.9) 2014-03-19

[21] **2,943,069**  
[13] A1

[51] **Int.Cl. B42F 21/04 (2006.01) B26D 7/27 (2006.01) B26F 1/00 (2006.01) B29C 63/00 (2006.01) B31F 5/00 (2006.01) B31F 5/08 (2006.01) B42C 7/00 (2006.01) B42D 5/04 (2006.01) B42F 3/00 (2006.01) B42F 15/06 (2006.01) B44C 3/00 (2006.01) B65B 61/14 (2006.01)**

[25] EN

[54] **BANNER MAKING MACHINE**

[54] **MACHINE DE FABRICATION DE BANNIERE**

[72] HATTON, RICHARD J., US  
[72] PULEO, JOHN WILLIAM, US  
[71] E.L. HATTON SALES CO., US

[85] 2016-09-16  
[86] 2015-03-10 (PCT/US2015/019552)  
[87] (WO2015/142557)  
[30] US (61/955,327) 2014-03-19  
[30] US (62/066,584) 2014-10-21  
[30] US (14/573,579) 2014-12-17

[21] **2,943,080**  
[13] A1

[51] **Int.Cl. A61K 31/23 (2006.01) A61P 25/00 (2006.01)**

[25] EN

[54] **CAT APPEASING PHEROMONE**

[54] **PHEROMONE APAISANTE POUR CHAT**

[72] PAGEAT, PATRICK, FR  
[71] INSTITUT DE RECHERCHE EN SEMIOCHIMIE ET ETHOLOGIE APPLIQUEE, FR

[85] 2016-09-16  
[86] 2015-03-17 (PCT/IB2015/000495)  
[87] (WO2015/140631)  
[30] US (61/954771) 2014-03-18

[21] **2,943,094**  
[13] A1

[51] **Int.Cl. A61G 7/10 (2006.01)**

[25] EN

[54] **MEDICAL LIFTING DEVICE**

[54] **DISPOSITIF DE LEVAGE MEDICAL**

[72] PETERSON, SEAN, US  
[72] HILLERY, JUSTIN, US  
[72] DUBORD, COLE, US  
[72] DARLING, JORDAN, US  
[71] STRONG ARM TECHNOLOGIES, INC., US

[85] 2016-09-16  
[86] 2015-03-17 (PCT/US2015/020959)  
[87] (WO2015/142845)  
[30] US (61/954,146) 2014-03-17

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[13] A1

[51] **Int.Cl. H01M 8/0202 (2016.01) H01M 8/0662 (2016.01) H01M 8/1246 (2016.01) H01M 8/2425 (2016.01)**

[25] EN

[54] **CATHODE CONTACT LAYER DESIGN FOR PREVENTING CHROMIUM CONTAMINATION OF SOLID OXIDE FUEL CELLS**

[54] **CONCEPTION DE COUCHE DE CONTACT DE CATHODE POUR EMPECHER UNE CONTAMINATION PAR DU CHROME DE PILES A COMBUSTIBLE A OXYDE SOLIDE**

[72] WOOD, ANTHONY, CA  
[72] HE, HONGPENG, CA  
[72] JOIA, TAHIR, CA  
[71] VERSA POWER SYSTEMS LTD., US  
[85] 2016-09-16  
[86] 2015-03-18 (PCT/US2015/021168)  
[87] (WO2015/142993)  
[30] US (14/220,688) 2014-03-20

[21] **2,943,121**  
[13] A1

[51] **Int.Cl. H04N 19/33 (2014.01) H04N 19/59 (2014.01) H04N 19/70 (2014.01) H04N 19/80 (2014.01)**

[25] EN

[54] **SCALABLE VIDEO CODING USING REFERENCE AND SCALED REFERENCE LAYER OFFSETS**

[54] **CODAGE VIDEO ECHELONNABLE AU MOYEN DE DECALAGES DE COUCHES DE REFERENCE ET DE REFERENCE MISE A L'ECHELLE**

[72] MINOO, KOOHYAR, US  
[72] BAYLON, DAVID M., US  
[72] LUTHRA, AJAY K., US  
[71] ARRIS ENTERPRISES LLC, US  
[85] 2016-09-16  
[86] 2015-03-18 (PCT/US2015/021341)  
[87] (WO2015/143090)  
[30] US (61/955,123) 2014-03-18  
[30] US (14/661,867) 2015-03-18

[21] **2,943,140**  
[13] A1

[51] **Int.Cl. C12N 9/14 (2006.01) A61K 38/46 (2006.01) A61P 3/00 (2006.01) A61P 25/00 (2006.01)**

[25] EN

[54] **MODIFIED SULFAMIDASE AND PRODUCTION THEREOF**

[54] **SULFAMIDASE MODIFIEE ET SON PROCEDE DE PRODUCTION**

[72] BERGHARD, CHARLOTTA, SE  
[72] NORDLING, ERIK, SE  
[72] SVENSSON GELIUS, STEFAN, SE  
[72] TJERNBERG, AGNETA, SE  
[71] SWEDISH ORPHAN BIOVITRUM AB (PUBL), SE  
[85] 2016-09-19  
[86] 2015-04-01 (PCT/EP2015/057256)  
[87] (WO2015/150490)  
[30] EP (14162996.4) 2014-04-01

[21] **2,943,141**  
[13] A1

[51] **Int.Cl. C08F 293/00 (2006.01) B01D 21/01 (2006.01) C02F 1/56 (2006.01) C02F 11/14 (2006.01) C08F 297/00 (2006.01) C08J 3/24 (2006.01) D21H 21/16 (2006.01) D21H 21/18 (2006.01)**

[25] EN

[54] **WATER SOLUBLE CROSS-LINKED BLOCK COPOLYMERS**

[54] **COPOLYMERES SEQUENCES, RETICULES, SOLUBLES DANS L'EAU**

[72] KARPPI, ASKO, FI  
[72] HIETANIEMI, MATTI, FI  
[72] LEGRAND, SACHA, FI  
[71] KEMIRA OYJ, FI  
[85] 2016-09-19  
[86] 2015-04-10 (PCT/EP2015/057832)  
[87] (WO2015/155330)  
[30] FI (20145350) 2014-04-11

[21] **2,943,146**  
[13] A1

[51] **Int.Cl. A61M 1/36 (2006.01)**

[25] EN

[54] **METHOD FOR REMOVING BLOOD FROM AN EXTRACORPOREAL BLOOD CIRCUIT UNDER PRESSURE CONTROL AND APPARATUSES**

[54] **METHODE D'EXTRACTION DU SANG D'UN CIRCUIT SANGUIN EXTRACORPOREL CONTROLE PAR LA PRESSION ET APPAREILLAGE**

[72] THYS, MARTIN, DE  
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE  
[85] 2016-09-19  
[86] 2015-04-16 (PCT/EP2015/058298)  
[87] (WO2015/158843)  
[30] DE (10 2014 105 473.3) 2014-04-16

[21] **2,943,150**  
[13] A1

[51] **Int.Cl. F02C 9/46 (2006.01) B64D 31/12 (2006.01) F02C 3/10 (2006.01) F02C 9/56 (2006.01) F02K 3/12 (2006.01)**

[25] FR

[54] **METHOD FOR DETECTING A FAILURE OF A FIRST TURBINE ENGINE OF A TWIN-ENGINE HELICOPTER AND FOR OPERATING THE SECOND TURBINE ENGINE, AND CORRESPONDING DEVICE**

[54] **PROCEDE DE DETECTION D'UNE DEFAILLANCE D'UN PREMIER TURBOMOTEUR D'UN HELICOPTERE BIMOTEUR ET DE COMMANDE DU SECOND TURBOMOTEUR, ET DISPOSITIF CORRESPONDANT**

[72] LESCHER, FABIEN, FR  
[72] MARIN, JEAN PHILIPPE JACQUES, FR  
[72] ETCHEPARE, PHILIPPE, FR  
[71] SAFRAN HELICOPTER ENGINES, FR  
[85] 2016-09-19  
[86] 2015-03-20 (PCT/FR2015/050697)  
[87] (WO2015/145041)  
[30] FR (1452642) 2014-03-27

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[21] **2,943,153**  
[13] A1

[51] **Int.Cl. F02C 7/262 (2006.01) B64C 27/04 (2006.01) B64D 35/08 (2006.01) F02C 7/275 (2006.01) F02C 9/42 (2006.01)**

[25] FR

[54] **ARCHITECTURE OF A MULTI-ENGINE HELICOPTER PROPULSION SYSTEM AND CORRESPONDING HELICOPTER**

[54] **ARCHITECTURE D'UN SYSTEME PROPULSIF D'UN HELICOPTERE MULTI-MOTEUR ET HELICOPTERE CORRESPONDANT**

[72] MERCIER-CALVAIRAC, FABIEN, FR

[72] HUMBERT, SOPHIE, FR

[72] BEDDOK, STEPHANE, FR

[71] SAFRAN HELICOPTER ENGINES, FR

[85] 2016-09-19

[86] 2015-03-20 (PCT/FR2015/050698)

[87] (WO2015/145042)

[30] FR (1452651) 2014-03-27

[21] **2,943,161**  
[13] A1

[51] **Int.Cl. A61B 17/72 (2006.01)**

[25] EN

[54] **INTRAMEDULLARY DEVICE WITH COMPOUND FASTENER TRAJECTORIES**

[54] **DISPOSITIF INTRAMEDULLAIRE AYANT DES TRAJECTOIRES DE FIXATION DE COMPOSE**

[72] SEMS, STEPHEN ANDREW, US

[72] HORWITZ, DANIEL, US

[72] WATSON, TRACY, US

[72] WICH, MICHAEL, DE

[72] GOHRING, GREG, US

[72] GRANGER, DAREN, US

[72] O'REILLY, JOSEPH MICHAEL, US

[71] BIOMET C.V., US

[85] 2016-09-16

[86] 2015-03-19 (PCT/US2015/021393)

[87] (WO2015/143112)

[30] US (61/968,636) 2014-03-21

[30] US (14/568,535) 2014-12-12

[21] **2,943,167**  
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/18 (2006.01) C12P 21/08 (2006.01)**

[25] EN

[54] **MODIFIED ANTIBODIES CONTAINING MODIFIED IGG2 DOMAINS WHICH ELICIT AGONIST OR ANTAGONISTIC PROPERTIES AND USE THEREOF**

[54] **ANTICORPS MODIFIES CONTENANT DES DOMAINES D'IGG2 MODIFIES CONFERANT DES PROPRIETES AGONISTES OU ANTAGONISTES, ET UTILISATION DE CES DERNIERS**

[72] GLENNIE, MARTIN J., GB

[72] WHITE, ANN, GB

[71] UNIVERSITY OF SOUTHAMPTON, GB

[85] 2016-09-19

[86] 2015-03-24 (PCT/IB2015/052166)

[87] (WO2015/145360)

[30] GB (1405264.1) 2014-03-24

[30] GB (1405275.7) 2014-03-25

[21] **2,943,168**  
[13] A1

[51] **Int.Cl. F41H 9/06 (2006.01)**

[25] EN

[54] **HEAT ACCUMULATOR FOR FOG GENERATOR**

[54] **ACCUMULATEUR DE CHALEUR POUR GENERATEUR DE BROUILLARD**

[72] VANDONINCK, ALFONS, BE

[71] BANDIT NV, BE

[85] 2016-09-19

[86] 2015-03-20 (PCT/IB2015/052043)

[87] (WO2015/140761)

[30] BE (2014/0194) 2014-03-21

[21] **2,943,169**  
[13] A1

[51] **Int.Cl. F41H 9/06 (2006.01)**

[25] EN

[54] **VALVE FOR LIQUID RESERVOIR OF FOG GENERATOR**

[54] **VANNE POUR RESERVOIR DE LIQUIDE D'UN GENERATEUR DE BROUILLARD**

[72] VANDONINCK, ALFONS, BE

[71] BANDIT NV, BE

[85] 2016-09-19

[86] 2015-03-20 (PCT/IB2015/052044)

[87] (WO2015/140762)

[30] BE (2014/0193) 2014-03-21

[21] **2,943,190**  
[13] A1

[51] **Int.Cl. A61K 39/39 (2006.01) A61K 9/127 (2006.01) A61K 39/21 (2006.01) A61K 47/44 (2006.01)**

[25] EN

[54] **NON-TOXIC ADJUVANT FORMULATION COMPRISING A MONOPHOSPHORYL LIPID A (MPLA)-CONTAINING LIPOSOME COMPOSITION AND A SAPONIN**

[54] **FORMULATION D'ADJUVANT NON TOXIQUE COMPRENANT UNE COMPOSITION DE LIPOSOMES CONTENANT UN LIPEDE A MONOPHOSPHORYLE (MPLA) ET UNE SAPONINE**

[72] ALVING, CARL R., US

[72] BECK, ZOLTAN, US

[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE ARMY, US

[85] 2016-09-16

[86] 2015-03-25 (PCT/US2015/022461)

[87] (WO2015/148648)

[30] US (61/970,118) 2014-03-25

[21] **2,943,198**  
[13] A1

[51] **Int.Cl. C12Q 3/00 (2006.01) C12M 1/36 (2006.01) C12N 1/00 (2006.01) C12N 5/00 (2006.01) C12N 5/04 (2006.01) C12N 15/87 (2006.01) C12P 1/00 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **FERMENTATION SYSTEMS**

[54] **SYSTEMES DE FERMENTATION**

[72] BLESSING, DANIEL, CH

[72] HOLLAND, TANJA, DE

[72] SACK, MARKUS, DE

[72] BUNTRU, MATTHIAS, DE

[72] VOGEL, SIMON, DE

[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE

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[87] (WO2015/165583)

[30] EP (EP14166157) 2014-04-28

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[13] A1

[51] **Int.Cl. H04W 36/00 (2009.01) H04M 3/54 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR TRANSFERRING A CALL BETWEEN DEVICES OF A SINGLE USER**

[54] **PROCEDE ET SYSTEME POUR TRANSFERER UN APPEL ENTRE DES DISPOSITIFS D'UN UTILISATEUR UNIQUE**

[72] KLEIN, DAVID E., US  
[72] BROOKS, ERIC D., US  
[71] MOTOROLA SOLUTIONS, INC., US  
[85] 2016-09-19  
[86] 2015-02-27 (PCT/US2015/017917)  
[87] (WO2015/142490)  
[30] US (14/220,877) 2014-03-20

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[13] A1

[51] **Int.Cl. E21B 33/06 (2006.01) E21B 33/064 (2006.01) E21B 33/12 (2006.01)**

[25] EN

[54] **SPHERICAL BLOWOUT PREVENTER WITH ENERGIZEABLE PACKER SEAL AND METHOD OF USING SAME**

[54] **OBTURATEUR ANTI-ERUPTION SPHERIQUE A ENSEMBLE GARNITURE D'ETANCHEITE ENERGISABLE ET SON PROCEDE D'UTILISATION**

[72] LIOTTA, JOSEPH JAMES, US  
[72] ENSLEY, ERIC TREVOR, US  
[72] JOHNSON, CHRISTOPHER DALE, US  
[71] NATIONAL OILWELL VARCO, L.P., US  
[85] 2016-09-16  
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[30] US (14/229,268) 2014-03-28

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[21] **2,943,216**  
[13] A1

[51] **Int.Cl. H04N 19/33 (2014.01) H04N 19/182 (2014.01) H04N 19/186 (2014.01) H04N 19/187 (2014.01) H04N 19/46 (2014.01)**

[25] EN

[54] **SCALABLE CODING OF VIDEO SEQUENCES USING TONE MAPPING AND DIFFERENT COLOR GAMUTS**

[54] **CODAGE A ECHELLE VARIABLE DE SEQUENCES VIDEO A L'AIDE DE MISE EN CORRESPONDANCE DE TONS ET DIFFERENTES GAMMES DE COULEURS**

[72] MINOO, KOOHYAR, US  
[72] LUTHRA, AJAY K., US  
[72] BAYLON, DAVID M., US  
[71] ARRIS ENTERPRISES LLC, US  
[85] 2016-09-19  
[86] 2015-03-19 (PCT/US2015/021402)  
[87] (WO2015/143119)  
[30] US (61/955,773) 2014-03-19  
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[21] **2,943,228**  
[13] A1

[51] **Int.Cl. C07K 14/78 (2006.01) A61K 49/00 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **STABILIZED FIBRONECTIN BASED SCAFFOLD MOLECULES**

[54] **MOLECULES DE CHARPENTE A BASE DE FIBRONECTINE STABILISEE**

[72] LIPOVSEK, DASA, US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2016-09-19  
[86] 2015-03-19 (PCT/US2015/021466)  
[87] (WO2015/143156)  
[30] US (61/955,975) 2014-03-20  
[30] US (62/084,270) 2014-11-25

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[13] A1

[51] **Int.Cl. C08B 37/08 (2006.01) C08B 37/00 (2006.01)**

[25] EN

[54] **CHONDROITIN SULPHATE PURIFICATION METHOD**

[54] **PROCEDE DE PURIFICATION DE SULFATE DE CHONDROITINE**

[72] DE ROSA, MARIO, CH  
[72] SCHIRALDI, CHIARA, IT  
[71] ALTERGON S.A., CH  
[85] 2016-09-19  
[86] 2015-03-20 (PCT/EP2015/055882)  
[87] (WO2015/140281)  
[30] IT (MI2014A000486) 2014-03-21

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[13] A1

[51] **Int.Cl. H04W 72/12 (2009.01) H04W 76/04 (2009.01)**

[25] EN

[54] **DEVICE-TO-DEVICE SYNCHRONIZATION**

[54] **SYNCHRONISATION DE DISPOSITIF-A-DISPOSITIF**

[72] KAUR, SAMIAN, US  
[72] PANI, DIANA, CA  
[72] ZHAO, YUXIN, SE  
[72] PELLETIER, BENOIT, CA  
[71] INTERDIGITAL PATENT HOLDINGS, INC., US  
[85] 2016-09-19  
[86] 2015-03-19 (PCT/US2015/021489)  
[87] (WO2015/143170)  
[30] US (61/955,746) 2014-03-19  
[30] US (61/955,747) 2014-03-19  
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[30] US (62/032,373) 2014-08-01  
[30] US (62/075,524) 2014-11-05

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[13] A1

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[25] EN

[54] **SERUM ALBUMIN-BINDING FIBRONECTIN TYPE III DOMAINS**

[54] **DOMAINES DE FIBRONECTINE DE TYPE III SE LIANT A L'ALBUMINE SERIQUE**

[72] MITCHELL, TRACY S., US

[72] GOSSELIN, MICHAEL L., US

[72] LIPOVSEK, DASA, US

[72] PARKER, REX, US

[72] CAMPHAUSEN, RAY, US

[72] DAVIS, JONATHAN, US

[72] FABRIZIO, DAVID, US

[71] BRISTOL-MYERS SQUIBB COMPANY, US

[85] 2016-09-19

[86] 2015-03-19 (PCT/US2015/021535)

[87] (WO2015/143199)

[30] US (61/968,181) 2014-03-20

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[13] A1

[51] **Int.Cl. B23Q 5/32 (2006.01) B23B 35/00 (2006.01) F16H 25/20 (2006.01) H02P 5/46 (2006.01) H02P 31/00 (2006.01)**

[25] FR

[54] **MACHINE TOOL, IN PARTICULAR FOR DRILLING**

[54] **MACHINE-OUTIL NOTAMMENT DE PERCAGE**

[72] MORARU, GEORGES, FR

[72] FRANGEARD, DIDIER, ES

[71] AMVALOR, FR

[71] ADVANCED ENGINEERING & INNOVATION, ES

[85] 2016-09-19

[86] 2015-03-20 (PCT/EP2015/056021)

[87] (WO2015/140334)

[30] FR (1452350) 2014-03-20

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[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)**

[25] EN

[54] **ANTI-OX40 ANTIBODIES AND METHODS OF USE**

[54] **ANTICORPS ANTI-OX40 ET PROCEDES D'UTILISATION CORRESPONDANTS**

[72] DU, CHANGCHUN, US

[72] KIM, JEONG, US

[72] ZHU, JING, US

[72] BEVERS, JACK III, US

[72] WALSH, KEVIN, US

[72] DE ALMEIDA, PATRICIA, US

[72] ANDYA, JAMES, US

[72] SHEN, YE, US

[71] GENENTECH, INC., US

[85] 2016-09-19

[86] 2015-03-30 (PCT/US2015/023432)

[87] (WO2015/153513)

[30] US (61/973,193) 2014-03-31

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[30] US (62/073,873) 2014-10-31

[30] US (62/080,171) 2014-11-14

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[13] A1

[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/36 (2006.01) B65D 85/804 (2006.01)**

[25] EN

[54] **CAPSULE AND METHOD FOR PRODUCING A BEVERAGE**

[54] **CAPSULE PORTION ET PROCEDE DE PRODUCTION D'UNE BOISSON**

[72] KRUGER, MARC, DE

[72] EMPL, GUNTER, DE

[71] K-FEE SYSTEM GMBH, DE

[85] 2016-09-19

[86] 2015-03-24 (PCT/EP2015/056306)

[87] (WO2015/144730)

[30] DE (10 2014 103 983.1) 2014-03-24

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[13] A1

[51] **Int.Cl. E21B 47/007 (2012.01) E21B 47/008 (2012.01) F04B 47/02 (2006.01) F04B 49/06 (2006.01) E21B 43/12 (2006.01)**

[25] EN

[54] **METHODS AND APPARATUS TO DETERMINE PRODUCTION OF DOWNHOLE PUMPS**

[54] **PROCEDE ET APPAREIL PERMETTANT DE DETERMINER LA PRODUCTION DE POMPES DE FOND DE TROU**

[72] MILLS, THOMAS MATTHEW, US

[71] BRISTOL, INC., D/B/A REMOTE AUTOMATION SOLUTIONS, US

[85] 2016-09-19

[86] 2015-04-01 (PCT/US2015/023763)

[87] (WO2015/149083)

[30] US (14/225,105) 2014-03-25

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[13] A1

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

[25] EN

[54] **THERMAL ENERGY DELIVERY AND OIL PRODUCTION ARRANGEMENTS AND METHODS THEREOF**

[54] **SYSTEMES D'APPORT D'ENERGIE THERMIQUE ET DE PRODUCTION DE PETROLE, ET PROCEDES ASSOCIES**

[72] HYTKEN, KENT B., US

[71] FUTURE ENERGY, LLC, US

[85] 2016-09-19

[86] 2015-04-01 (PCT/US2015/023773)

[87] (WO2015/153705)

[30] US (61/973,598) 2014-04-01

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[13] A1

[51] **Int.Cl. E21B 33/128 (2006.01) E21B 33/129 (2006.01)**

[25] EN

[54] **SEAL ARRANGEMENT**

[54] **DISPOSITIF DE JOINT**

[72] MOYES, PETER B., GB

[71] XTREME WELL TECHNOLOGY LIMITED, GB

[85] 2016-09-19

[86] 2015-03-20 (PCT/GB2015/050845)

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[30] GB (1405009.0) 2014-03-20

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[13] A1

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[25] EN  
[54] **GEARSHIFT LEVER AND GEARSHIFT PEDAL**  
[54] **LEVIER DE VITESSE ET SELECTEUR DE VITESSE PAR PEDALE**  
[72] HOLTERHOFF, NORBERT, DE  
[72] KLEIN, FRITZ, DE  
[72] KERSTEN, WOLFGANG-HEINZ, DE  
[71] HOLTERHOFF, NORBERT, DE  
[71] KLEIN, FRITZ, DE  
[71] KERSTEN, WOLFGANG-HEINZ, DE  
[85] 2016-09-20  
[86] 2015-03-20 (PCT/DE2015/000129)  
[87] (WO2015/139681)  
[30] DE (20 2014 002 449.9) 2014-03-20  
[30] DE (20 2014 009 640.6) 2014-12-08

[21] **2,943,324**  
[13] A1

[51] **Int.Cl. F03B 13/26 (2006.01) F03B 17/06 (2006.01)**  
[25] EN  
[54] **HYDROKINETIC ENERGY CONVERSION SYSTEM AND USE THEREOF**  
[54] **SYSTEME DE CONVERSION D'ENERGIE HYDROCINETIQUE ET SON UTILISATION**  
[72] HOLM, ANDERS, NO  
[71] FLUMILL AS, NO  
[85] 2016-09-20  
[86] 2015-03-18 (PCT/EP2015/055678)  
[87] (WO2015/140209)  
[30] GB (1405119.7) 2014-03-21

[21] **2,943,330**  
[13] A1

[51] **Int.Cl. A61B 17/322 (2006.01) A61B 17/3213 (2006.01)**  
[25] EN  
[54] **DERMATOME, BLADE AND ASSEMBLY OF A DERMATOME AND A BLADE**  
[54] **DERMATOME, LAME ET ENSEMBLE D'UN DERMATOME ET D'UNE LAME**  
[72] HAAGSMA-VAN DER KOUWE, DANIELLE, NL  
[71] HUMECA HOLDING B.V., NL  
[85] 2016-09-20  
[86] 2015-03-17 (PCT/NL2015/050171)  
[87] (WO2015/142172)  
[30] NL (2012487) 2014-03-21  
[30] NL (2014106) 2015-01-09

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[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) A47D 15/00 (2006.01) A61B 5/0205 (2006.01) A61H 23/02 (2006.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR REDUCING IRRITABILITY IN INFANTS**  
[54] **PROCEDES ET SYSTEMES DE REDUCTION D'IRRITABILITE CHEZ LES NOURRISSONS**  
[72] BLOCH-SALISBURY, ELISABETH, US  
[72] PAYDARFAR, DAVID, US  
[71] UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL, US  
[85] 2016-09-20  
[86] 2015-03-23 (PCT/US2015/021999)  
[87] (WO2015/143430)  
[30] US (61/968,972) 2014-03-21

[21] **2,943,342**  
[13] A1

[51] **Int.Cl. F21V 31/00 (2006.01) F21V 7/10 (2006.01) F21V 29/70 (2015.01) F21K 9/00 (2016.01) F21S 8/08 (2006.01) F21V 15/01 (2006.01)**  
[25] EN  
[54] **REFLECTOR AND SEALING ASSEMBLY FOR LIGHTING ASSEMBLY**  
[54] **REFLECTEUR ET ENSEMBLE D'ETANCHEITE POUR ENSEMBLE D'ECLAIRAGE**  
[72] LAZALIER, RAY M., US  
[71] HUBBELL INCORPORATED, US  
[85] 2016-09-20  
[86] 2015-03-20 (PCT/US2015/021830)  
[87] (WO2015/143369)  
[30] US (14/220,655) 2014-03-20

[21] **2,943,352**  
[13] A1

[51] **Int.Cl. H02G 3/06 (2006.01) F16L 7/00 (2006.01) H02G 15/00 (2006.01)**  
[25] EN  
[54] **EDGE PROTECTION BUSHING WITH INTEGRATED CLAMP**  
[54] **DOUILLE DE PROTECTION DE BORDS DOTEE D'UN COLLIER INTEGRE**  
[72] MUELLER, CHRISTIAN, DE  
[71] NOVELIS INC., US  
[85] 2016-09-20  
[86] 2015-03-30 (PCT/US2015/023266)  
[87] (WO2015/153416)  
[30] US (61/972,791) 2014-03-31

[21] **2,943,360**  
[13] A1

[51] **Int.Cl. F16M 11/10 (2006.01) F16M 11/20 (2006.01) G03B 17/00 (2006.01) G03B 37/02 (2006.01) G06F 1/16 (2006.01)**  
[25] EN  
[54] **MOUNT THAT FACILITATES POSITIONING AND ORIENTING A MOBILE COMPUTING DEVICE**  
[54] **PIED FACILITANT LE POSITIONNEMENT ET L'ORIENTATION D'UN DISPOSITIF INFORMATIQUE MOBILE**  
[72] FAY, JONATHAN, US  
[72] FAY, DANIEL, US  
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US  
[85] 2016-09-20  
[86] 2015-03-31 (PCT/US2015/023454)  
[87] (WO2015/157023)  
[30] US (14/246,587) 2014-04-07

[21] **2,943,369**  
[13] A1

[51] **Int.Cl. B04B 1/12 (2006.01)**  
[25] FR  
[54] **CENTRIFUGE MACHINE HAVING AN IMPROVED DISCHARGE SYSTEM**  
[54] **MACHINE CENTRIFUGEUSE A SYSTEME D'EVACUATION PERFECTIONNE**  
[72] FERAUD, JEAN-PIERRE, FR  
[72] CHEZAUD, DAVID, FR  
[72] ROBIN, JOEL, FR  
[72] RANDRIAMANANTENA, TOJONIRINA, FR  
[71] FLOWERSEP, FR  
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR  
[85] 2016-09-20  
[86] 2015-03-26 (PCT/EP2015/056506)  
[87] (WO2015/144802)  
[30] FR (14 52736) 2014-03-28

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[13] A1

[51] **Int.Cl. B60K 11/08 (2006.01)**  
[25] EN  
[54] **HOLLOW VANE WITH STRUCTURE**  
[54] **AUBE CREUSE AVEC STRUCTURE**  
[72] POVINELLI, ANTHONY JOHN, US  
[71] MAGNA INTERNATIONAL INC., CA  
[85] 2016-09-20  
[86] 2015-03-11 (PCT/US2015/019921)  
[87] (WO2015/142582)  
[30] US (61/968,087) 2014-03-20

[21] **2,943,380**  
[13] A1

[51] **Int.Cl. A61K 8/92 (2006.01) A61K 8/06 (2006.01) A61K 8/41 (2006.01) A61Q 5/10 (2006.01)**  
[25] EN  
[54] **HAIR COLOURING COMPOSITIONS, KITS, METHOD, AND USE THEREOF**  
[54] **COMPOSITIONS DE COLORATION CAPILLAIRE, KITS, PROCEDE, ET LEUR UTILISATION**  
[72] ODMAN SCHMID, OEZGE, DE  
[72] CRNE, MATIJA, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2016-09-20  
[86] 2015-04-02 (PCT/US2015/023962)  
[87] (WO2015/153819)  
[30] EP (14163250.5) 2014-04-02

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[13] A1

[51] **Int.Cl. C12N 5/078 (2010.01) C12N 5/0783 (2010.01) A61K 35/17 (2015.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) C12Q 1/02 (2006.01) C40B 30/04 (2006.01) C40B 30/06 (2006.01)**  
[25] EN  
[54] **TUMOR-INFILTRATING LYMPHOCYTES FOR ADOPTIVE CELL THERAPY**  
[54] **LYMPHOCYTES INFILTRANT LES TUMEURS POUR THERAPIE CELLULAIRE ADOPTIVE**  
[72] SARNAIK, AMOD A., US  
[72] PILON-THOMAS, SHARI, US  
[72] MCLAUGHLIN, MARK, US  
[72] LIU, HAO, US  
[71] H. LEE MOFFITT CANCER CENTER AND RESEARCH INSTITUTE, INC., US  
[71] UNIVERSITY OF SOUTH FLORIDA, US  
[85] 2016-09-20  
[86] 2015-03-20 (PCT/US2015/021759)  
[87] (WO2015/143328)  
[30] US (61/955,970) 2014-03-20  
[30] US (61/973,002) 2014-03-31

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[13] A1

[51] **Int.Cl. F16D 55/22 (2006.01) F16D 65/092 (2006.01)**  
[25] EN  
[54] **BRAKE PISTON HEAD FOR A DISC BRAKE DEVICE, BRAKE PISTON AND DISC BRAKE DEVICE**  
[54] **TETE DE PISTON DE FREIN DESTINE A UN DISPOSITIF DE FREIN A DISQUE, PISTON DE FREIN ET DISPOSITIF DE FREIN A DISQUE**  
[72] WEGMANN, ENRIQUE, DE  
[72] BORGMEIER, OLAV, DE  
[72] EIDEN, STEFAN, DE  
[71] TMD FRICTION SERVICES GMBH, DE  
[85] 2016-09-20  
[86] 2015-05-06 (PCT/EP2015/059920)  
[87] (WO2015/169832)  
[30] DE (10 2014 106 330.9) 2014-05-07

[21] **2,943,407**  
[13] A1

[51] **Int.Cl. F01D 1/06 (2006.01) F01D 1/14 (2006.01) F01K 25/08 (2006.01)**  
[25] EN  
[54] **CENTRIFUGAL RADIAL TURBINE**  
[54] **TURBINE RADIALE CENTRIFUGE**  
[72] SPADACINI, CLAUDIO, IT  
[72] RIZZI, DARIO, IT  
[71] EXERGY S.P.A., IT  
[85] 2016-09-20  
[86] 2015-03-17 (PCT/IB2015/051940)  
[87] (WO2015/140707)  
[30] IT (MI2014A000487) 2014-03-21

[21] **2,943,409**  
[13] A1

[51] **Int.Cl. F01D 5/04 (2006.01) F01D 9/02 (2006.01)**  
[25] EN  
[54] **RADIAL TURBOMACHINE**  
[54] **TURBOMACHINE RADIALE**  
[72] SPADACINI, CLAUDIO, IT  
[72] RIZZI, DARIO, IT  
[71] EXERGY S.P.A., IT  
[85] 2016-09-20  
[86] 2015-03-17 (PCT/IB2015/051946)  
[87] (WO2015/140711)  
[30] IT (MI2014A000488) 2014-03-21

[21] **2,943,418**  
[13] A1

[51] **Int.Cl. C11D 3/37 (2006.01) C11D 7/22 (2006.01) D06M 15/643 (2006.01)**  
[25] EN  
[54] **FABRIC CARE COMPOSITIONS COMPRISING POLYURETHANE, POLYUREA AND/OR POLYURETHANEUREA POLYMERS**  
[54] **COMPOSITIONS D'ENTRETIEN DES TISSUS COMPRENANT DU POLYURETHANE, DE LA POLYUREE ET/OU DES POLYMERES DE POLYURETHANE-UREE**  
[72] PANANDIKER, RAJAN KESHAV, US  
[72] KLUESENER, BERNARD WILLIAM, US  
[72] MENKHAUS, JULIE ANN, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2016-09-20  
[86] 2015-04-29 (PCT/US2015/028108)  
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[21] **2,943,426**  
[13] A1

[51] **Int.Cl. A61B 3/113 (2006.01) G06F 3/01 (2006.01) G06K 9/00 (2006.01)**

[25] EN

[54] **HANDLING GLARE IN EYE TRACKING**

[54] **GESTION DE L'EBLOUISSEMENT DANS LA POURSUITE OCULAIRE**

[72] AGRAWAL, MUDIT, US

[72] THUKRAL, VAIBHAV, US

[72] EDEN, IBRAHIM, US

[72] NISTER, DAVID, US

[72] SWAMINATHAN, SHIVKUMAR, US

[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US

[85] 2016-09-21

[86] 2015-04-23 (PCT/US2015/027185)

[87] (WO2015/167906)

[30] US (14/264,952) 2014-04-29

[21] **2,943,437**  
[13] A1

[51] **Int.Cl. B64C 3/56 (2006.01) B64C 3/40 (2006.01) B64C 3/42 (2006.01)**

[25] EN

[54] **AN AIRCRAFT COMPRISING A FOLDABLE AERODYNAMIC STRUCTURE AND A METHOD OF MANUFACTURING A FOLDABLE AERODYNAMIC STRUCTURE FOR AN AIRCRAFT**

[54] **AERONEF COMPORTANT UNE STRUCTURE AERODYNAMIQUE PLIABLE ET PROCEDE DE FABRICATION D'UNE STRUCTURE AERODYNAMIQUE PLIABLE POUR UN AERONEF**

[72] ALEXANDER, STUART, GB

[72] RANDALL, JOHN, GB

[71] AIRBUS OPERATIONS LIMITED, GB

[85] 2016-09-21

[86] 2015-04-02 (PCT/GB2015/051054)

[87] (WO2015/150835)

[30] GB (1406104.8) 2014-04-04

[21] **2,943,439**  
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01) A61M 15/06 (2006.01)**

[25] EN

[54] **APPARATUS AND METHODS FOR DISPENSING E-LIQUID**

[54] **APPAREIL ET PROCEDES DE DISTRIBUTION D'E-LIQUIDE**

[72] JOHNSON, DAVID M., US

[72] MELANDER, CHARLES H., US

[71] INTREPID BRANDS, LLC, US

[85] 2016-09-21

[86] 2015-04-07 (PCT/US2015/024632)

[87] (WO2015/157224)

[30] US (61/976,225) 2014-04-07

[21] **2,943,446**  
[13] A1

[51] **Int.Cl. G10L 25/78 (2013.01) G10L 25/48 (2013.01) A63F 13/49 (2014.01) A63F 13/537 (2014.01)**

[25] EN

[54] **CONVERSATION DETECTION**

[54] **DETECTION DE CONVERSATION**

[72] TOMLIN, ARTHUR CHARLES, US

[72] PAULOVICH, JONATHAN, US

[72] KEIBLER, EVAN MICHAEL, US

[72] SCOTT, JASON, US

[72] BROWN, CAMERON, US

[72] PLUMB, JONATHAN WILLIAM, US

[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US

[85] 2016-09-21

[86] 2015-04-07 (PCT/US2015/024592)

[87] (WO2015/160561)

[30] US (14/255,804) 2014-04-17

[21] **2,943,456**  
[13] A1

[51] **Int.Cl. H04W 8/18 (2009.01) H04W 12/08 (2009.01) H04L 12/24 (2006.01)**

[25] EN

[54] **DEVICE POLICY MANAGER**

[54] **GESTIONNAIRE DE POLITIQUE DE DISPOSITIF**

[72] KAUFMAN, PETER J., US

[72] ZHU, YUHANG, US

[72] PRABHU, SONIA, US

[72] SPAITH, JOHN CHADWELL, US

[72] HOU, JUSTIN, US

[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US

[85] 2016-09-21

[86] 2015-04-01 (PCT/US2015/023756)

[87] (WO2015/157048)

[30] US (61/977,600) 2014-04-09

[30] US (62/105,439) 2015-01-20

[30] US (14/617,447) 2015-02-09

[21] **2,943,459**  
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01) A61M 15/00 (2006.01) A61M 15/06 (2006.01)**

[25] EN

[54] **NICOTINE POWDER INHALER**

[54] **INHALATEUR DE POUDDRE DE NICOTINE**

[72] ZINOVIK, IHAR NIKOLAEVICH, CH

[72] ZUBER, GERARD, CH

[71] PHILIP MORRIS PRODUCTS S.A., CH

[85] 2016-09-21

[86] 2015-04-23 (PCT/IB2015/000924)

[87] (WO2015/166344)

[30] US (61/984,967) 2014-04-28

[30] EP (14166205.6) 2014-04-28

[21] **2,943,460**  
[13] A1

[51] **Int.Cl. H04S 7/00 (2006.01) H04S 3/00 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR AUDIO RENDERING EMPLOYING A GEOMETRIC DISTANCE DEFINITION**

[54] **APPAREIL ET PROCEDE DE RENDU AUDIO UTILISANT UNE DEFINITION DE DISTANCE GEOMETRIQUE**

[72] PLOGSTIES, JAN, DE

[72] FUEG, SIMONE, DE

[72] NEUENDORF, MAX, DE

[72] HERRE, JUERGEN, DE

[72] GRILL, BERNHARD, DE

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

[85] 2016-09-21

[86] 2015-03-04 (PCT/EP2015/054514)

[87] (WO2015/144409)

[30] EP (14161823.1) 2014-03-26

[30] EP (14196765.3) 2014-12-08

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[21] **2,943,462**  
[13] A1

[51] **Int.Cl. F16F 9/38 (2006.01)**  
[25] EN  
[54] **PROTECTIVE DEVICE FOR A SHOCK ABSORBER**  
[54] **DISPOSITIF DE PROTECTION DESTINE A UN PARE-CHOCS**  
[72] SCHIMETKA, THOMAS, DE  
[71] SAF-HOLLAND GMBH, DE  
[85] 2016-09-21  
[86] 2015-03-16 (PCT/EP2015/055402)  
[87] (WO2015/144471)  
[30] DE (10 2014 205 501.6) 2014-03-25

[21] **2,943,485**  
[13] A1

[51] **Int.Cl. E04F 15/02 (2006.01) E04F 13/08 (2006.01)**  
[25] FR  
[54] **SYSTEM FOR SECURING SLATS FOR FORMING A RAISED FLOOR OR DECK**  
[54] **SYSTEME DE FIXATION DE LATTES POUR FORMER UN SOL OU PLANCHER REHAUSSE**  
[72] JUNG, ERIC, FR  
[72] ANDRES, WILFRIED, FR  
[71] ARCHITECTURE DU BOIS, FR  
[85] 2016-09-21  
[86] 2015-03-19 (PCT/FR2015/050685)  
[87] (WO2015/140475)  
[30] FR (1452398) 2014-03-21

[21] **2,943,653**  
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) G08B 21/02 (2006.01) G08B 29/10 (2006.01) G08B 29/12 (2006.01)**  
[25] EN  
[54] **BIO-ELECTRICAL SIGNAL MONITOR WITH TWO SPEAKERS**  
[54] **MONITEUR DE SIGNAL BIO-ELECTRIQUE AYANT DEUX HAUT-PARLEURS**  
[72] LARSEN, TINA AHLBERG, DK  
[72] JENSEN, FLEMMING DAHL, DK  
[72] CLAUSEN, BENT, DK  
[72] CHRISTENSEN, ERIK SKOV, DK  
[72] KILSGAARD, SOREN, DK  
[72] JENSEN, MORTEN HOLM, DK  
[72] FRIIS, LARS, DK  
[71] T&W ENGINEERING A/S, DK  
[85] 2016-09-23  
[86] 2014-03-26 (PCT/EP2014/056010)  
[87] (WO2015/144214)

[21] **2,943,846**  
[13] A1

[51] **Int.Cl. G06K 9/62 (2006.01) B42D 25/00 (2014.01) G07D 7/2033 (2016.01) G07C 9/00 (2006.01)**  
[25] EN  
[54] **SECURITY METHOD**  
[54] **PROCEDE DE SECURITE**  
[72] KISTERS, FRIEDRICH, CH  
[71] KISTERS, FRIEDRICH, CH  
[85] 2016-09-26  
[86] 2015-03-18 (PCT/EP2015/055623)  
[87] (WO2015/144508)  
[30] DE (10 2014 004 348.7) 2014-03-27

[21] **2,943,854**  
[13] A1

[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/20 (2012.01) G06Q 20/38 (2012.01)**  
[25] EN  
[54] **REMOTE TRANSACTION SYSTEM, METHOD AND POINT OF SALE TERMINAL**  
[54] **SYSTEME DE TRANSACTION A DISTANCE, PROCEDE ET TERMINAL DE POINT DE VENTE**  
[72] SAVOLAINEN, RISTO, GB  
[72] JAYET, STEPHANE, GB  
[71] IAXEPT LIMITED, GB  
[85] 2016-09-23  
[86] 2015-03-24 (PCT/GB2015/050869)  
[87] (WO2015/145131)  
[30] US (14/224,461) 2014-03-25  
[30] GB (1503586.8) 2015-03-03

[21] **2,943,880**  
[13] A1

[51] **Int.Cl. G06Q 20/18 (2012.01) G06Q 20/32 (2012.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR SENDING INFORMATION TO MOBILE DEVICES UTILIZING MOBILE DEVICE IDENTIFIERS**  
[54] **SYSTEMES ET PROCEDES D'ENVOI D'INFORMATIONS A DES DISPOSITIFS MOBILES AU MOYEN D'IDENTIFIANTS DE DISPOSITIF MOBILE**  
[72] SAGADY, CARY M., US  
[72] SIMPKINS, JOSEPH A., US  
[72] KOUZNETSOV, DENIS, US  
[71] USA TECHNOLOGIES, INC., US  
[85] 2016-09-23  
[86] 2015-04-08 (PCT/US2015/024890)  
[87] (WO2015/157396)  
[30] US (61/976,575) 2014-04-08

[21] **2,943,883**  
[13] A1

[51] **Int.Cl. G07F 7/08 (2006.01) G07F 9/00 (2006.01)**  
[25] EN  
[54] **APPARATUS, SYSTEM, AND METHODS FOR RETROFITTING VENDING SYSTEMS WITH WIRELESS COMMUNICATION**  
[54] **APPAREIL, SYSTEME ET PROCEDES PERMETTANT DE MODERNISER DES SYSTEMES DE VENTE AVEC UNE COMMUNICATION SANS FIL**  
[72] SIMPKINS, JOSEPH A., US  
[72] CATTANI, THOMAS J., US  
[71] USA TECHNOLOGIES, INC., US  
[85] 2016-09-23  
[86] 2015-04-08 (PCT/US2015/024892)  
[87] (WO2015/157397)  
[30] US (61/976,580) 2014-04-08

[21] **2,943,884**  
[13] A1

[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/18 (2012.01) G06Q 20/32 (2012.01) G06Q 20/38 (2012.01) H04L 9/08 (2006.01) H04L 9/14 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR WIRELESS AUTHORIZATION OF TRANSACTIONS WITH MOBILE PAYMENT DEVICES**  
[54] **SYSTEMES ET PROCEDES POUR UNE AUTORISATION SANS FIL DE TRANSACTIONS AVEC DES DISPOSITIFS DE PAIEMENT MOBILES**  
[72] SAGADY, CARY M., US  
[72] SIMPKINS, JOSEPH A., US  
[72] KOUZNETSOV, DENIS, US  
[71] USA TECHNOLOGIES, INC., US  
[85] 2016-09-23  
[86] 2015-04-08 (PCT/US2015/024899)  
[87] (WO2015/157403)  
[30] US (61/976,584) 2014-04-08  
[30] US (14/499,796) 2014-09-29

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[13] A1

[51] **Int.Cl. F42D 1/05 (2006.01) F42C 15/42 (2006.01)**  
[25] EN  
[54] **APPARATUS, SYSTEM AND METHOD FOR BLASTING USING MAGNETIC COMMUNICATION SIGNAL**  
[54] **APPAREIL, SYSTEME ET PROCEDE DE SAUTAGE A L'AIDE D'UN SIGNAL DE COMMUNICATION MAGNETIQUE**  
[72] KOTSONIS, STEVEN, AU  
[72] WICKS, BYRON, AU  
[71] ORICA INTERNATIONAL PTE LTD, SG  
[85] 2016-09-26  
[86] 2015-03-23 (PCT/AU2015/050121)  
[87] (WO2015/143501)  
[30] AU (2014901099) 2014-03-27

[21] **2,944,009**  
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01) G08G 3/00 (2006.01) E21B 41/00 (2006.01)**  
[25] EN  
[54] **SIMULTANEOUS OPERATIONS COORDINATION AND PLANNING SYSTEM**  
[54] **SYSTEME DE PLANIFICATION ET DE COORDINATION D'OPERATIONS SIMULTANES**  
[72] GRANT, JOHN, GB  
[72] DARLING, STUART, GB  
[72] CAMERON, SCOTT, GB  
[72] GENTLE, DAVE, GB  
[71] ION GEOPHYSICAL CORPORATION, US  
[71] GRANT, JOHN, GB  
[71] DARLING, STUART, GB  
[71] CAMERON, SCOTT, GB  
[71] GENTLE, DAVE, GB  
[85] 2016-09-26  
[86] 2015-03-25 (PCT/US2015/022500)  
[87] (WO2015/148672)  
[30] US (61/970,825) 2014-03-26  
[30] US (14/578,135) 2014-12-19

[21] **2,944,038**  
[13] A1

[51] **Int.Cl. A01K 63/04 (2006.01) A01K 61/00 (2006.01) A01K 63/00 (2006.01) A01K 63/02 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REMOVAL OF SEA LICE FROM LIVE FISH**  
[54] **PROCEDE ET APPAREIL POUR L'ELIMINATION DE POUX DE MER DES POISSONS VIVANTS**  
[72] HALSE, JOEL, CA  
[71] COOKE AQUACULTURE INC., CA  
[85] 2016-09-27  
[86] 2015-03-27 (PCT/CA2015/000213)  
[87] (WO2015/143549)  
[30] US (61/967,852) 2014-03-28

[21] **2,944,044**  
[13] A1

[51] **Int.Cl. H04L 12/16 (2006.01) H04W 4/00 (2009.01) H04W 4/12 (2009.01) G06Q 10/10 (2012.01) H04L 12/58 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MANAGING COMMUNICATIONS BETWEEN USERS**  
[54] **SYSTEME ET PROCEDE POUR GERER DES COMMUNICATIONS ENTRE DES UTILISATEURS**  
[72] RENZI, JONATHAN, CA  
[72] GAGNE, JACOB, CA  
[71] BREAKMATES INC., CA  
[85] 2016-09-27  
[86] 2015-03-25 (PCT/CA2015/050228)  
[87] (WO2015/149166)  
[30] US (61/974,082) 2014-04-02

[21] **2,944,048**  
[13] A1

[51] **Int.Cl. E21B 17/10 (2006.01) E21B 33/14 (2006.01)**  
[25] EN  
[54] **POSITIVE CEMENT PLACEMENT TOOL**  
[54] **OUTIL DE MISE EN PLACE FORCEE DE CIMENT**  
[72] GOSSELIN, RANDY, CA  
[72] MONTGOMERY, TREVOR J., CA  
[71] SLURRY SOLUTIONS INC., CA  
[85] 2016-09-27  
[86] 2015-03-26 (PCT/CA2015/050236)  
[87] (WO2015/143564)  
[30] US (61/971,345) 2014-03-27

[21] **2,944,051**  
[13] A1

[51] **Int.Cl. B65D 25/00 (2006.01) B65D 25/40 (2006.01) B65D 25/46 (2006.01) B65D 41/00 (2006.01) B65D 41/46 (2006.01) B65D 41/48 (2006.01) B65D 41/50 (2006.01) B65D 51/00 (2006.01) B65D 51/20 (2006.01) B65D 51/22 (2006.01)**  
[25] EN  
[54] **OVERCAP HAVING MEANS WHICH FACILITATE THE OPENING OF A CONTAINER AND THE SUBSEQUENT DIRECT CONSUMPTION OF THE CONTENT THEREOF**  
[54] **SURCOUVERCLE COMPORTANT DES MOYENS QUI FACILITENT L'OUVERTURE D'UN CONTENANT ET LA CONSOMMATION ULTERIEURE DE SON CONTENU**  
[72] LARGACHA, CLAUDIA, CO  
[72] WOLFF, ADRIANA, CO  
[71] DANONE ALQUERIA S.A.S, CO  
[85] 2016-09-27  
[86] 2015-03-26 (PCT/CO2015/000004)  
[87] (WO2015/144095)  
[30] CO (14-066.742) 2014-03-28

[21] **2,944,057**  
[13] A1

[51] **Int.Cl. F16L 1/16 (2006.01) E21B 43/013 (2006.01)**  
[25] EN  
[54] **DEPLOYMENT AND DIRECT TIE-IN OF SUBSEA PIPELINES**  
[54] **DEPLOIEMENT ET RACCORD DIRECT DE PIPELINES SOUS-MARINS**  
[72] MOEN, JOHAN K, NO  
[72] ENDAL, GEIR, NO  
[72] NES, ROLF MORTEN, NO  
[72] STORKERSEN, STALE, NO  
[71] STATOIL PETROLEUM AS, NO  
[85] 2016-09-27  
[86] 2014-03-31 (PCT/EP2014/056477)  
[87] (WO2015/149843)

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[21] **2,944,062**  
[13] A1

[51] **Int.Cl. E21B 25/18 (2006.01) E21B 19/14 (2006.01) E21B 41/00 (2006.01) E21B 49/02 (2006.01)**

[25] EN

[54] **UNDERWATER DRILLING DEVICE AND METHOD FOR PROCURING AND ANALYZING GROUND SAMPLES OF A BED OF A BODY OF WATER**

[54] **DISPOSITIF DE FORAGE IMMERGE ET PROCEDE D'OBTENTION ET D'ANALYSE D'ECHANTILLONS DE SOL DU FOND D'UN PLAN D'EAU**

[72] FINKENZELLER, STEFAN MICHAEL, DE

[72] WEIXLER, LEONHARD, DE

[72] FREUDENTHAL, TIM, DE

[71] BAUER MASCHINEN GMBH, DE

[71] UNIVERSITAET BREMEN, DE

[85] 2016-09-27

[86] 2014-05-13 (PCT/EP2014/059760)

[87] (WO2015/172818)

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[21] **2,944,146**  
[13] A1

[51] **Int.Cl. A63F 13/30 (2014.01)**

[25] EN

[54] **ONLINE GAMING USING MICRODINOMINATIONS**

[54] **JEU EN LIGNE UTILISANT DE TRES FAIBLES SOMMES D'ARGENT**

[72] SCHWARTZ, RICHARD, US

[72] CARLIN, GREG, US

[71] RUSH STREET INTERACTIVE, LLC, US

[85] 2016-09-27

[86] 2015-03-30 (PCT/US2015/023422)

[87] (WO2015/149080)

[30] US (61/971,790) 2014-03-28

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[21] **2,944,152**  
[13] A1

[51] **Int.Cl. H04L 12/911 (2013.01) H04L 12/805 (2013.01) H04L 29/08 (2006.01)**

[25] EN

[54] **KIOSK SYSTEM FOR DOWNLOADING MEDIA CONTENT**

[54] **SYSTEME DE KIOSQUE DE TELECHARGEMENT DE CONTENU MULTIMEDIA**

[72] WINSTON, JASON, CA

[72] ZAMORANO, CARLOS, CA

[72] READE, COLIN M., CA

[72] BUSCHER, MATTHEW, US

[71] SPIGOT MEDIA CORP., CA

[85] 2016-09-27

[86] 2015-03-30 (PCT/US2015/023426)

[87] (WO2015/149082)

[30] US (61/967,946) 2014-03-28

[30] US (14/280,528) 2014-05-16

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[21] **2,944,159**  
[13] A1

[51] **Int.Cl. A61G 7/10 (2006.01) B66F 7/14 (2006.01) B66F 11/00 (2006.01)**

[25] EN

[54] **ELECTRICALLY-POWERED PLATFORM POOL LIFT**

[54] **ASCENSEUR DE PISCINE ELECTRIQUE A PLATE-FORME**

[72] TIFFIN, BEN, US

[72] CLAGETT, SHANE, US

[72] SUDEITH, TIMOTHY, US

[71] EVERLAST CLIMBING INDUSTRIES, INC., US

[85] 2016-09-27

[86] 2015-03-31 (PCT/US2015/023496)

[87] (WO2015/153550)

[30] US (14/231,152) 2014-03-31

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[21] **2,944,163**  
[13] A1

[51] **Int.Cl. E21B 47/12 (2012.01) G05B 19/02 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD OF TRIGGERING, ACQUIRING AND COMMUNICATING BOREHOLE DATA FOR A MWD SYSTEM**

[54] **SYSTEME ET PROCEDE DE DECLenchEMENT, D'ACQUISITION ET DE COMMUNICATION DE DONNEES DE FORAGE POUR UN SYSTEME MWD**

[72] HOLT, AUBREY, US

[72] BROWNLOW, MICHAEL, US

[72] HILL, GREG, US

[71] BENCH TREE GROUP, LLC, US

[85] 2016-09-27

[86] 2015-03-31 (PCT/US2015/023525)

[87] (WO2015/153567)

[30] US (14/242,616) 2014-04-01

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[21] **2,944,166**  
[13] A1

[51] **Int.Cl. G06F 12/00 (2006.01) G06F 17/30 (2006.01)**

[25] EN

[54] **FILE STORAGE USING VARIABLE STRIPE SIZES**

[54] **STOCKAGE DE FICHIERS UTILISANT DES TAILLES DE BANDES VARIABLES**

[72] OIKARINEN, MATTI JUHANI, US

[72] FRIGO, MATTEO, US

[72] VINCENT, PRADEEP, US

[71] AMAZON TECHNOLOGIES, INC., US

[85] 2016-09-27

[86] 2015-03-31 (PCT/US2015/023685)

[87] (WO2015/153671)

[30] US (14/231,116) 2014-03-31

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[21] **2,944,173**  
[13] A1

[51] **Int.Cl. B29C 45/14 (2006.01) B29C 45/16 (2006.01) B29C 45/74 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR MOLDING MULTI-LAYER PLASTIC ITEM USING MULTIPLE MOLD CORES**

[54] **SYSTEME ET PROCEDE DE MOULAGE D'UN OBJET PLASTIQUE MULTICOUCHE PAR UTILISATION DE NOYAUX DE MOULE MULTIPLES**

[72] PORTER, RANDAL, US

[71] SILGAN PLASTICS LLC, US

[85] 2016-09-27

[86] 2015-04-02 (PCT/US2015/024023)

[87] (WO2015/157079)

[30] US (61/976,299) 2014-04-07

[21] **2,944,185**  
[13] A1

[51] **Int.Cl. F16L 19/02 (2006.01) F16B 39/02 (2006.01) F16L 37/08 (2006.01)**

[25] EN

[54] **FITTING SECUREMENT RING FOR THREADED CONNECTOR**

[54] **BAGUE D'ARRIMAGE A PIECE DE FIXATION POUR RACCORD FILETE**

[72] BUSH, SHAWN D., US

[71] SDB IP HOLDINGS, LLC, US

[85] 2016-09-27

[86] 2015-04-02 (PCT/US2015/024085)

[87] (WO2015/153882)

[30] US (61/975,400) 2014-04-04

[21] **2,944,186**  
[13] A1

[51] **Int.Cl. C12N 5/074 (2010.01) A61K 35/34 (2015.01) A61K 35/76 (2015.01) C07K 14/47 (2006.01) C12N 15/86 (2006.01) C12N 15/864 (2006.01)**

[25] EN

[54] **GENE-THERAPY VECTORS FOR TREATING CARDIOMYOPATHY**

[54] **VECTEURS DE THERAPIE GENIQUE POUR TRAITER UNE MYOCARDIOPATHIE**

[72] CARRIER, LUCIE, DE

[72] ESCHENHAGEN, THOMAS, DE

[72] VOIT, THOMAS, GB

[72] MEARINI, GIULIA, DE

[72] MUELLER, OLIVER, DE

[72] STIMPEL, DOREEN, DE

[72] MOUROT-FILIATRE, JULIA, BR

[71] UNIVERSITATSKLINIKUM HAMBURG-EPPENDORF, DE

[71] ASSOCIATION INSTITUT DE MYOLOGIE, FR

[71] RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG, DE

[71] UNIVERSITE PIERRE ET MARIE CURIE, FR

[85] 2016-09-27

[86] 2014-04-17 (PCT/EP2014/057984)

[87] (WO2014/170470)

[30] EP (13164212.6) 2013-04-17

[30] EP (13198201.9) 2013-12-18

[21] **2,944,190**  
[13] A1

[51] **Int.Cl. E02F 3/02 (2006.01) A01B 1/00 (2006.01) A01B 1/02 (2006.01)**

[25] EN

[54] **DIGGING IMPLEMENT, DIGGING IMPLEMENT ATTACHMENT AND METHODS OF USING SAME**

[54] **OUTIL D'EXCAVATION, ACCESSOIRE D'OUTIL D'EXCAVATION ET PROCEDES D'UTILISATION ASSOCIES**

[72] COTE, MARIO, CA

[71] COTE, MARIO, CA

[85] 2016-09-28

[86] 2015-04-02 (PCT/CA2015/000229)

[87] (WO2015/154163)

[30] GB (1406228.5) 2014-04-07

[21] **2,944,194**  
[13] A1

[51] **Int.Cl. C07K 1/02 (2006.01) A61K 38/08 (2006.01) C07K 7/00 (2006.01)**

[25] EN

[54] **METHOD FOR PREPARING AMG 416**

[54] **PROCEDE DE PREPARATION D'AMG 416**

[72] BEZEMER, JEROEN, US

[72] CHEN, YING, US

[72] CROCKETT, RICHARD, US

[72] CROSSLEY, KEVIN, US

[72] CUI, SHENG, US

[72] HUANG, LIANG, US

[72] JONES, SIAN, US

[72] LOWER, ASHER, US

[72] RANGANATHAN, KRISHNAKUMAR, US

[71] AMGEN INC., US

[85] 2016-09-27

[86] 2015-04-03 (PCT/US2015/024347)

[87] (WO2015/154031)

[30] US (61/974,899) 2014-04-03

[21] **2,944,198**  
[13] A1

[51] **Int.Cl. A61K 31/405 (2006.01) A61K 31/404 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **HYDROXYINDOLE CARBOXYLIC ACID BASED INHIBITORS FOR ONCOGENIC SRC HOMOLOGY-2 DOMAIN CONTAINING PROTEIN TYROSINE PHOSPHATASE-2 (SHP2)**

[54] **INHIBITEURS A BASE D'ACIDE CARBOXYLIQUE D'HYDROXYINDOLE POUR DOMAINE D'HOMOLOGIE AVEC LA PROTEINE SRC 2 ONCOGENE CONTENANT LA PROTEINE TYROSINE PHOSPHATASE-2 (SHP2)**

[72] ZHANG, ZHONG-YIN, US

[72] ZENG, LI-FAN, US

[71] INDIANA UNIVERSITY RESEARCH & TECHNOLOGY CORPORATION, US

[85] 2016-09-27

[86] 2014-04-25 (PCT/US2014/035435)

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[13] A1

[51] **Int.Cl. A61L 27/40 (2006.01) A61F 2/02 (2006.01) A61K 41/00 (2006.01) A61L 27/48 (2006.01) A61N 5/06 (2006.01) A61P 17/02 (2006.01) A61Q 19/00 (2006.01)**

[25] EN

[54] **TISSUE FILLER COMPOSITIONS AND METHODS OF USE**

[54] **COMPOSITIONS DE REMPLISSAGE DE TISSUS ET METHODES D'UTILISATION**

[72] NIKOLIS, ANDREAS, CA  
[72] HEBERT, LISE, CA  
[71] KLOX TECHNOLOGIES INC., CA  
[85] 2016-09-28  
[86] 2015-04-01 (PCT/CA2015/050261)  
[87] (WO2015/149177)  
[30] US (61/973,659) 2014-04-01

[21] **2,944,204**  
[13] A1

[51] **Int.Cl. C02F 1/50 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR DETECTING BIOFILM GROWTH IN WATER SYSTEMS**

[54] **SYSTEME ET PROCEDE DE DETECTION DE CROISSANCE DE BIOFILM DANS DES SYSTEMES AQUEUX**

[72] VELA, DAVID, US  
[72] DENVIR, ADRIAN, US  
[72] HOLLOWAY, MATTHEW C., US  
[71] NCH CORPORATION, US  
[85] 2016-09-27  
[86] 2015-04-08 (PCT/US2015/024963)  
[87] (WO2015/157442)  
[30] US (61/977,464) 2014-04-09  
[30] US (14/681,777) 2015-04-08

[21] **2,944,210**  
[13] A1

[51] **Int.Cl. C07D 309/40 (2006.01) A61K 31/351 (2006.01) A61P 7/06 (2006.01)**

[25] EN

[54] **CRYSTALLINE FORMS**

[54] **FORMES CRISTALLINES DE MALTOL FERRIQUE**

[72] CHILDS, DAVID PAUL, GB  
[71] IRON THERAPEUTICS HOLDINGS AG, CH  
[85] 2016-07-27  
[86] 2015-10-23 (PCT/EP2015/074653)  
[87] (WO2016/066555)  
[30] GB (1419174.6) 2014-10-28

[21] **2,944,226**  
[13] A1

[51] **Int.Cl. A61K 31/551 (2006.01) A61P 35/00 (2006.01) C07D 243/08 (2006.01) C07D 401/04 (2006.01)**

[25] EN

[54] **METHOD FOR USE OF HOMOPIPERAZINIUM COMPOUNDS IN THE TREATMENT OF CANCER**

[54] **METHODE D'UTILISATION DE COMPOSES D'HOMOPIPERAZINIUM DANS LE TRAITEMENT DU CANCER**

[72] CORMIER, YVON, CA  
[72] ISRAEL-ASSAYAG, EVELYNE, CA  
[71] UNIVERSITE LAVAL, CA  
[85] 2016-09-28  
[86] 2015-04-01 (PCT/CA2015/050262)  
[87] (WO2015/149178)  
[30] US (61/974,681) 2014-04-03  
[30] US (62/074,233) 2014-11-03

[21] **2,944,228**  
[13] A1

[51] **Int.Cl. G01S 5/02 (2010.01) G01S 13/87 (2006.01) G08B 13/14 (2006.01)**

[25] EN

[54] **METHOD FOR LOCATING A RADIO TAG**

[54] **PROCEDE DE LOCALISATION D'UNE ETIQUETTE RFID**

[72] ROSSL, ANDREAS, AT  
[71] IMAGOTAG GMBH, AT  
[85] 2016-09-28  
[86] 2014-05-14 (PCT/EP2014/059824)  
[87] (WO2015/172822)

[21] **2,944,245**  
[13] A1

[51] **Int.Cl. H05B 3/84 (2006.01) H05B 3/86 (2006.01)**

[25] EN

[54] **TRANSPARENT PANEL HAVING A HEATABLE COATING**

[54] **VITRE TRANSPARENTE AVEC REVETEMENT CHAUFFANT**

[72] SCHULZ, VALENTIN, DE  
[72] SCHALL, GUNTHER, DE  
[71] SAINT-GOBAIN GLASS FRANCE, FR  
[85] 2016-09-28  
[86] 2015-03-05 (PCT/EP2015/054567)  
[87] (WO2015/158462)  
[30] EP (14165092.9) 2014-04-17

[21] **2,944,251**  
[13] A1

[51] **Int.Cl. C07D 239/42 (2006.01) A61K 31/505 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **DISUBSTITUTED 5-FLUORO PYRIMIDINE DERIVATIVES CONTAINING A SULFONDIIMINE GROUP**

[54] **DERIVES DE 5-FLUOROPYRIMIDINE DISUBSTITUES CONTENANT UN GROUPE SULFONE DIIMINE**

[72] LUCKING, ULRICH, DE  
[72] SCHOLZ, ARNE, DE  
[72] LIENAU, PHILIP, DE  
[72] SIEMEISTER, GERHARD, DE  
[72] BOHLMANN, ROLF, DE  
[72] BOMER, ULF, DE  
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE  
[85] 2016-09-28  
[86] 2015-03-27 (PCT/EP2015/056757)  
[87] (WO2015/150273)  
[30] EP (14163067.3) 2014-04-01

[21] **2,944,253**  
[13] A1

[51] **Int.Cl. G01K 3/04 (2006.01) G01K 11/12 (2006.01)**

[25] EN

[54] **DISPLAY DEVICE**

[54] **DISPOSITIF D'AFFICHAGE**

[72] WOTZER, PHILIPP, AT  
[71] INNORESE AG, CH  
[85] 2016-09-28  
[86] 2015-03-30 (PCT/EP2015/056868)  
[87] (WO2015/150312)  
[30] EP (14162746.3) 2014-03-31

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[13] A1

[51] **Int.Cl. A61K 31/545 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **NEW DERIVATIVES OF CEPHALOSPORIN FOR TREATING CANCER**  
[54] **NOUVEAUX DERIVES DE CEPHALOSPORINE POUR LE TRAITEMENT DU CANCER**  
[72] KARABOGA, ARNAUD SINAN, FR  
[72] PEREZ-NUENO, VIOLETA ISABEL, ES  
[72] SOUCHET, MICHEL, FR  
[72] DECAUDIN, DIDIER, FR  
[71] INSTITUT CURIE, FR  
[71] HARMONIC PHARMA, FR  
[85] 2016-09-28  
[86] 2015-04-02 (PCT/EP2015/057310)  
[87] (WO2015/150516)  
[30] EP (14305487.2) 2014-04-03

[21] **2,944,274**  
[13] A1

[51] **Int.Cl. H05H 1/46 (2006.01)**  
[25] FR  
[54] **METHOD AND DEVICE FOR GENERATING A PLASMA EXCITED BY MICROWAVE ENERGY IN THE ELECTRON CYCLOTRON RESONANCE (ECR) DOMAIN, IN ORDER TO CARRY OUT A SURFACE TREATMENT OR PRODUCE A COATING AROUND A FILIFORM ELEMENT**  
[54] **PROCEDE ET DISPOSITIF POUR GENERER UN PLASMA EXCITE PAR UNE ENERGIE MICRO-ONDE DANS LE DOMAINE DE LA RESONNANCE CYCLONIQUE ELECTRONIQUE (RCE), POUR REALISER UN TRAITEMENT DE SURFACE OU REVETEMENT AUTOUR D'UN ELEMENT FILIFORME**  
[72] BLANDENET, OLIVIER, FR  
[72] LAGARDE, THIERRY LEON, FR  
[72] CHOQUET, PATRICK, FR  
[72] DUDAY, DAVID, LU  
[71] H.E.F., FR  
[71] LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY (LIST), LU  
[85] 2016-09-28  
[86] 2015-03-26 (PCT/FR2015/050765)  
[87] (WO2015/150665)  
[30] FR (1453000) 2014-04-04

[21] **2,944,276**  
[13] A1

[51] **Int.Cl. B65D 27/34 (2006.01) B42D 15/04 (2006.01) B65D 27/08 (2006.01)**  
[25] EN  
[54] **POSTAL ENVELOPE WITH MULTIPLE OVERLAPPED SECTIONS WITH ANTITHEFT FASTENERS SUITABLE TO CONTAIN TWO OR THREE-DIMENSIONAL OBJECTS**  
[54] **ENVELOPPE POSTALE AYANT DE MULTIPLES SECTIONS CHEVAUCHEES COMPRENANT DES ELEMENTS DE FIXATION ANTIVOL ET CONCUE POUR CONTENIR DES OBJETS EN DEUX OU TROIS DIMENSIONS**  
[72] MASTALIA, CARMINE, IT  
[71] MAF SRL, IT  
[85] 2016-07-28  
[86] 2014-12-01 (PCT/IB2014/066479)  
[87] (WO2015/124969)  
[30] IT (SA2014U0000006) 2014-02-19

[21] **2,944,304**  
[13] A1

[51] **Int.Cl. F21V 13/10 (2006.01) F21V 29/70 (2015.01) F21V 29/74 (2015.01) F21K 9/00 (2016.01) F21V 13/02 (2006.01) F21V 17/06 (2006.01)**  
[25] EN  
[54] **OPTICAL SHIELD FOR NARROW BEAM DISTRIBUTION IN LED FIXTURES**  
[54] **ECRAN OPTIQUE PERMETTANT UNE DISTRIBUTION DE FAISCEAU ETROITE DANS DES APPAREILS A DIODES ELECTROLUMINESCENTES**  
[72] STATHES, NANCY R., US  
[72] COLLADO, FEDERICO, JR., US  
[72] RAGHAVAN, RAMESH, US  
[71] HUBBELL INCORPORATED, US  
[85] 2016-09-27  
[86] 2015-03-30 (PCT/US2015/023313)  
[87] (WO2015/149061)  
[30] US (61/971,834) 2014-03-28

[21] **2,944,308**  
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4985 (2006.01) A61P 25/28 (2006.01)**  
[25] EN  
[54] **CHROMENE AND 1,1 A,2,7B-TETRAHYDROCYCLOPROPA[C] CHROMENE PYRIDOPYRAZINEDIONES AS GAMMA-SECRETASE MODULATORS**  
[54] **CHROMENE ET 1,1A,2,7B-TETRAHYDROCYCLOPROPA[C] CHROMENE PYRIDOPYRAZINEDIONES COMME MODULATEURS DE GAMMA-SECRETASE**  
[72] AM ENDE, CHRISTOPHER WILLIAM, US  
[72] HUMPHREY, JOHN MICHAEL, US  
[72] JOHNSON, DOUGLAS SCOTT, US  
[72] KAUFFMAN, GREGORY WAYNE, US  
[72] PETTERSSON, MARTIN YOUNGJIN, US  
[72] RANKIC, DANICA ANTONIA, US  
[72] STEPAN, ANTONIA FRIEDERIKE, US  
[72] VERHOEST, PATRICK ROBERT, US  
[71] PFIZER INC., US  
[85] 2016-09-28  
[86] 2015-03-18 (PCT/IB2015/051988)  
[87] (WO2015/150957)  
[30] US (61/973,436) 2014-04-01

[21] **2,944,309**  
[13] A1

[51] **Int.Cl. C23C 14/16 (2006.01) C23C 8/00 (2006.01) C23C 14/02 (2006.01) C23C 14/35 (2006.01) C25D 5/12 (2006.01) C25D 5/14 (2006.01) C25D 5/36 (2006.01)**  
[25] EN  
[54] **MULTI-LAYER SUBSTRATE AND FABRICATION METHOD**  
[54] **SUBSTRAT MULTICOUCHE ET PROCEDE DE FABRICATION**  
[72] CHALEIX, DANIEL, FR  
[72] SILBERBERG, ERIC, BE  
[72] SCHMITZ, BRUNO, BE  
[72] VANDEN EYNDE, XAVIER, BE  
[72] PACE, SERGIO, BE  
[71] ARCELORMITTAL, LU  
[85] 2016-09-28  
[86] 2014-04-04 (PCT/IB2014/000485)  
[87] (WO2015/150850)

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[51] <b>Int.Cl. C12M 1/00 (2006.01) B01L 3/00 (2006.01) C12M 3/08 (2006.01)</b>	[51] <b>Int.Cl. H01R 11/01 (2006.01) A41D 1/00 (2006.01)</b>	[51] <b>Int.Cl. A61N 1/04 (2006.01) A61B 5/04 (2006.01)</b>
[25] EN	[25] EN	[25] EN
[54] <b>SYSTEMS AND METHODS FOR BIOMIMETIC FLUID PROCESSING</b>	[54] <b>CONNECTOR AND CABLE ASSEMBLY FOR SMART GARMENTS</b>	[54] <b>DEVICES AND METHODS FOR OBTAINING WORKABLE ECG SIGNALS USING DRY KNITTED ELECTRODES</b>
[54] <b>SYSTEMES ET PROCEDES DE TRAITEMENT DE LIQUIDES BIOMIMETIQUES</b>	[54] <b>ENSEMBLE CONNECTEUR-ET-CABLE POUR VETEMENTS INTELLIGENTS</b>	[54] <b>DISPOSITIFS ET PROCEDES POUR OBTENIR DES SIGNAUX ECG UTILISABLES A L'AIDE D'ELECTRODES A MAILLES SECHES</b>
[72] THON, JONATHAN N., US	[72] AMIR, URI, IL	[72] AMIR, URI, IL
[72] ITALIANO, JOSEPH E., US	[72] SHOSHANI, BOAZ, IL	[72] SHOSHANI, BOAZ, IL
[72] MAZUTIS, LINAS, US	[71] HEALTHWATCH LTD., IL	[71] HEALTHWATCH LTD., IL
[72] WEITZ, DAVID A., US	[85] 2016-09-28	[85] 2016-09-28
[71] BRIGHAM AND WOMEN'S HOSPITAL, INC., US	[86] 2015-04-16 (PCT/IL2015/050411)	[86] 2015-04-16 (PCT/IL2015/050412)
[85] 2016-09-27	[87] (WO2015/159297)	[87] (WO2015/159298)
[86] 2015-03-30 (PCT/US2015/023327)	[30] US (61/981,213) 2014-04-18	[86] 2015-04-16 (PCT/IL2015/050412)
[87] (WO2015/153451)	[30] US (62/014,753) 2014-06-20	[87] (WO2015/159298)
[30] US (61/972,520) 2014-03-31		[30] US (61/980,595) 2014-04-17
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[21] <b>2,944,320</b> [13] A1	[51] <b>Int.Cl. B23Q 15/22 (2006.01) B23Q 17/22 (2006.01) G01B 5/18 (2006.01) G01B 7/14 (2006.01) G01B 9/00 (2006.01) G01B 11/14 (2006.01)</b>	[21] <b>2,944,326</b> [13] A1
[51] <b>Int.Cl. C01F 11/18 (2006.01) D21H 17/68 (2006.01) D21H 17/70 (2006.01)</b>	[25] EN	[51] <b>Int.Cl. C23C 16/54 (2006.01) C23C 14/56 (2006.01)</b>
[25] EN	[54] <b>METHOD, SYSTEM, COMPUTER PROGRAMME AND A COMPUTER PROGRAMME PRODUCT FOR WORKING OF A WORK PIECE</b>	[25] EN
[54] <b>COMPLEXES OF CALCIUM CARBONATE MICROPARTICLES AND FIBERS AS WELL AS PROCESSES FOR PREPARING THEM</b>	[54] <b>PROCEDE, SYSTEME, PROGRAMME INFORMATIQUE ET PROGICIEL INFORMATIQUE POUR L'USINAGE D'UNE PIECE A USINER</b>	[54] <b>VACUUM PROCESSING DEVICE DISPOSITIF DE TRAITEMENT SOUS VIDE</b>
[54] <b>COMPOSITE DE MICROPARTICULES/FIBRES DE CARBONATE DE CALCIUM ET SON PROCEDE DE FABRICATION</b>	[54] <b>PROCEDE, SYSTEME, PROGRAMME INFORMATIQUE ET PROGICIEL INFORMATIQUE POUR L'USINAGE D'UNE PIECE A USINER</b>	[72] NAKADA, YUKIHIRO, JP
[72] FUKUOKA, MOE, JP	[72] ANDERSSON, HANS-PETTER, SE	[72] WATANABE, KENICHIRO, JP
[72] NAKATANI, TORU, JP	[72] PETTERSSON, BJORN, SE	[72] TANAKA, YASUTOMO, JP
[72] GOTO, SHISEI, JP	[71] NOVATOR AB, SE	[72] KITAGAWA, HIDEKI, JP
[71] NIPPON PAPER INDUSTRIES CO., LTD., JP	[85] 2016-09-28	[72] SODENO, KENICHI, JP
[85] 2016-09-28	[86] 2015-01-29 (PCT/SE2015/050098)	[71] IHI CORPORATION, JP
[86] 2015-03-31 (PCT/JP2015/060234)	[87] (WO2015/183149)	[71] KAJI SEISAKUSHO CO., LTD, JP
[87] (WO2015/152283)	[30] SE (1450623-2) 2014-05-26	[85] 2016-09-28
[30] JP (2014-071680) 2014-03-31		[86] 2015-04-09 (PCT/JP2015/061133)
[30] JP (2014-073570) 2014-03-31		[87] (WO2015/156361)
[30] JP (2014-073629) 2014-03-31		[30] JP (2014-081971) 2014-04-11

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[13] A1

[51] **Int.Cl. E21B 19/16 (2006.01)**  
[25] EN  
[54] **A COUPLING APPARATUS FOR CONNECTING TWO DRILL PIPE SECTIONS AND A METHOD OF USING SAME**  
[54] **APPAREIL D'ACCOUPEMENT DESTINE A RACCORDER DEUX TRONCONS DE TUBE DE FORAGE ET SON PROCEDE D'UTILISATION**  
[72] HEIDE, HAAKEN CHRISTOPHER, NO  
[72] SKINNES, KENNETH, NO  
[71] WELLPARTNER AS, NO  
[85] 2016-09-28  
[86] 2015-03-24 (PCT/NO2015/050052)  
[87] (WO2015/152729)  
[30] NO (20140415) 2014-03-31

[21] **2,944,329**  
[13] A1

[51] **Int.Cl. A61B 17/072 (2006.01) A61B 17/068 (2006.01) A61B 17/32 (2006.01)**  
[25] EN  
[54] **END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME**  
[54] **EFFECTEURS D'EXTREMITE, DISPOSITIFS D'AGRAFAGE CHIRURGICAL, ET LEURS PROCEDES D'UTILISATION**  
[72] THOMPSON, JONATHAN, US  
[72] THOMPSON, BEN, US  
[72] NUCHOLS, RICHARD P., US  
[72] ORTIZ, MARK STEVEN, US  
[72] WAMPLER, JAMES, US  
[71] STANDARD BARIATRICS, INC., US  
[85] 2016-09-28  
[86] 2015-03-27 (PCT/US2015/022904)  
[87] (WO2015/153324)  
[30] US (61/972,274) 2014-03-29  
[30] US (62/046,726) 2014-09-05

[21] **2,944,330**  
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 47/00 (2006.01)**  
[25] EN  
[54] **LIQUID PHARMACEUTICAL COMPOSITION OF ADALIMUMAB**  
[54] **COMPOSITION PHARMACEUTIQUE LIQUIDE D'ADALIMUMAB**  
[72] GADGIL, HIMANSHU, IN  
[72] CHHATBAR, CHANDRESH, IN  
[72] PANDEY, VIJAYKANT, IN  
[71] INTAS PHARMACEUTICALS LIMITED, IN  
[85] 2016-09-28  
[86] 2015-02-18 (PCT/IN2015/000092)  
[87] (WO2015/151115)  
[30] IN (1248/MUM/2014) 2014-04-02

[21] **2,944,331**  
[13] A1

[51] **Int.Cl. G01V 3/38 (2006.01) E21B 47/022 (2012.01) G01V 3/08 (2006.01)**  
[25] EN  
[54] **TIME-LAPSE ELECTROMAGNETIC MONITORING**  
[54] **SURVEILLANCE ELECTROMAGNETIQUE DE LAPS DE TEMPS**  
[72] WILSON, GLENN A., US  
[72] DONDERICI, BURKAY, US  
[72] FOUDA, AHMED, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2016-09-28  
[86] 2014-04-16 (PCT/US2014/034416)  
[87] (WO2015/160347)

[21] **2,944,333**  
[13] A1

[51] **Int.Cl. B23K 11/36 (2006.01)**  
[25] EN  
[54] **SPOT WELDING ELECTRODE HOUSING APPARATUS**  
[54] **DISPOSITIF DE STOCKAGE D'ELECTRODES DE SOUDAGE PAR POINTS**  
[72] NAKAJIMA, KOTARO, JP  
[71] KYOKUTOH CO., LTD., JP  
[85] 2016-09-28  
[86] 2014-04-17 (PCT/JP2014/002196)  
[87] (WO2015/159325)

[21] **2,944,335**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/282 (2006.01) A61K 38/16 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **USE OF ACTIVIN RECEPTOR-LIKE KINASE 1 (ALK-1) ANTAGONISTS IN THE TREATMENT OF CANCER**  
[54] **UTILISATION D'ANTAGONISTES DE LA KINASE 1 APPARENTEE AU RECEPTEUR DE L'ACTIVINE (ALK-1) DANS LE TRAITEMENT DU CANCER**  
[72] ALIMZHANOV, MARAT B., US  
[72] PANDYA, SHUCHI SUMANT, US  
[71] ACCELERON PHARMA, INC., US  
[85] 2016-09-28  
[86] 2014-09-04 (PCT/US2014/054125)  
[87] (WO2015/147908)  
[30] US (61/972,204) 2014-03-28

[21] **2,944,339**  
[13] A1

[51] **Int.Cl. E21B 43/26 (2006.01) E21B 7/00 (2006.01) E21B 43/247 (2006.01)**  
[25] EN  
[54] **FRAC SLEEVE SYSTEM AND METHOD FOR NON-SEQUENTIAL DOWNHOLE OPERATIONS**  
[54] **SYSTEME DE MANCHON DE FRACTURATION ET PROCEDE PERMETTANT DES OPERATIONS DE FOND DE TROU NON SEQUENTIELLES**  
[72] WOOD, EDWARD T., US  
[72] MILLS, AUBREY C., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2016-09-28  
[86] 2014-10-03 (PCT/US2014/058995)  
[87] (WO2015/069397)  
[30] US (61/901,135) 2013-11-07

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[21] **2,944,340**  
[13] A1

[51] **Int.Cl. C09K 8/00 (2006.01) C09K 8/035 (2006.01) E21B 33/138 (2006.01)**

[25] EN

[54] **COMPOSITONS AND METHODS FOR CURING LOST CIRCULATION**

[54] **COMPOSITIONS ET PROCEDES POUR REMEDIER AUX PERTES DE CIRCULATION**

[72] MINIKH, OLGA ALEXANDROVNA, RU

[72] FU, DIANKUI, MY

[72] DAOU, FATMA, BR

[72] LUNGWITZ, BERNHARD, DE

[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2016-09-28

[86] 2014-03-31 (PCT/RU2014/000232)

[87] (WO2015/152754)

[21] **2,944,341**  
[13] A1

[51] **Int.Cl. G01V 1/42 (2006.01)**

[25] EN

[54] **METHOD FOR DETERMINING AGGREGATE FRACTURE PROPERTIES FOR EVALUATION OF FRACTURE PROCEDURES**

[54] **PROCEDE DE DETERMINATION DES PROPRIETES DE FRACTURATION D'AGREGAT A DES FIN D'EVALUATION DES PROCEDURES DE FRACTURE**

[72] GREALY, MICHAEL H., US

[71] MICROSEISMIC, INC., US

[85] 2016-09-29

[86] 2015-03-16 (PCT/US2015/020684)

[87] (WO2015/156963)

[30] US (14/246,290) 2014-04-07

[21] **2,944,342**  
[13] A1

[51] **Int.Cl. B65G 65/00 (2006.01) B65G 65/30 (2006.01) B65G 65/40 (2006.01)**

[25] EN

[54] **BIN SWEEP SUPPORT**

[54] **SUPPORT POUR BALAYAGE DE TREMIE**

[72] WITT, WILLIAM, US

[71] SIOUX STEEL COMPANY, US

[71] WITT, WILLIAM, US

[85] 2016-09-28

[86] 2015-02-09 (PCT/US2015/014967)

[87] (WO2015/120359)

[30] US (61/937,857) 2014-02-10

[30] US (14/612,768) 2015-02-03

[21] **2,944,343**  
[13] A1

[51] **Int.Cl. F26B 3/02 (2006.01) F26B 9/08 (2006.01)**

[25] EN

[54] **CHIP DRYER WITH INTEGRATED EXHAUST GAS TREATMENT**

[54] **DISPOSITIF DE SECHAGE DE COPEAUX COMPRENANT UN TRAITEMENT DES GAZ D'ECHAPPEMENT INTEGRE**

[72] VILD, CHRIS T., US

[71] PYROTEK, INC., US

[85] 2016-09-28

[86] 2015-03-31 (PCT/US2015/023466)

[87] (WO2015/153538)

[30] US (61/972,748) 2014-03-31

[21] **2,944,344**  
[13] A1

[51] **Int.Cl. B60C 25/01 (2006.01) B29D 30/54 (2006.01)**

[25] EN

[54] **AUTOMATIC SYSTEM AND METHOD FOR MOUNTING AND DISMOUNTING TIRE CASING ON EXPANDABLE RIM HUB IN RETREADING OPERATIONS**

[54] **SYSTEME AUTOMATIQUE ET PROCEDE DE MONTAGE ET DE DEMONTAGE DE CARCASSE DE PNEU SUR MOYEU A JANTE EXPANSIBLE DANS DES OPERATIONS DE RECHAPAGE**

[72] LINDSAY, JOHN S., US

[72] WHITE, JOHN R., US

[71] BRIDGESTONE BANDAG, LLC, US

[85] 2016-09-28

[86] 2015-02-13 (PCT/US2015/015785)

[87] (WO2015/153002)

[30] US (61/974,755) 2014-04-03

[21] **2,944,346**  
[13] A1

[51] **Int.Cl. G08B 3/10 (2006.01) G08B 25/08 (2006.01) G08B 25/14 (2006.01) H04L 12/18 (2006.01)**

[25] EN

[54] **INTERNET PROTOCOL BASED AUDIO ALERT SYSTEM**

[54] **SYSTEME D'ALERTE AUDIO BASE SUR UN PROTOCOLE INTERNET**

[72] THOMPSON, PAUL JOHN, AU

[72] JOHNSON, STEPHEN, AU

[71] ICT GLOBAL SYSTEMS PTY LIMITED, AU

[85] 2016-09-29

[86] 2015-04-01 (PCT/AU2015/000187)

[87] (WO2015/149110)

[30] AU (2014901187) 2014-04-01

[21] **2,944,347**  
[13] A1

[51] **Int.Cl. A61D 7/04 (2006.01) A61M 16/06 (2006.01) A62B 18/06 (2006.01)**

[25] EN

[54] **AN IMPROVED MASK APPARATUS FOR VETERINARY APPLICATIONS**

[54] **APPAREIL FORMANT MASQUE AMELIORE POUR APPLICATIONS VETERINAIRES**

[72] DUNLOP, COLIN, AU

[71] DUNLOP, COLIN, AU

[85] 2016-09-29

[86] 2015-03-31 (PCT/AU2015/000192)

[87] (WO2015/149113)

[30] AU (2014901152) 2014-03-31

[21] **2,944,348**  
[13] A1

[51] **Int.Cl. H01R 13/73 (2006.01) H01H 9/02 (2006.01) H02G 3/08 (2006.01)**

[25] EN

[54] **INTELLIGENT SUPPORT BOX FOR ELECTRIC HYBRID SWITCHES, POWER OUTLETS AND COMBINATIONS THEREOF**

[54] **BOITIER DE SUPPORT INTELLIGENT POUR COMMULATEURS HYBRIDES ELECTRIQUES, PRISES DE COURANT ET LEURS COMBINAISONS**

[72] ELBERBAUM, DAVID, JP

[71] ELBEX VIDEO LTD., JP

[85] 2016-09-28

[86] 2015-02-26 (PCT/US2015/017751)

[87] (WO2015/148042)

[30] US (14/225,948) 2014-03-26

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[21] **2,944,349**  
[13] A1  
[51] **Int.Cl. A61K 38/37 (2006.01) A61K 47/34 (2006.01) A61P 7/04 (2006.01)**  
[25] EN  
[54] **STABLE FACTOR VIII FORMULATIONS WITH LOW SUGAR-GLYCINE**  
[54] **FORMULATIONS DE FACTEUR VIII STABLE PRESENTANT UNE GLYCINE A FAIBLE TAUX DE SUCRE**  
[72] RAJIV, NAYAR, BR  
[71] ADVANTECH BIOSCIENCE FARMACEUTICA LTDA., BR  
[85] 2016-09-29  
[86] 2015-03-30 (PCT/BR2015/000044)  
[87] (WO2015/149143)  
[30] US (61/973,281) 2014-04-01

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[21] **2,944,351**  
[13] A1  
[51] **Int.Cl. F16L 55/162 (2006.01) F16L 55/1645 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR PLUGGING A PIPE**  
[54] **APPAREIL ET PROCEDE POUR BOUCHER UN TUYAU**  
[72] URBANSKI, JEFF, US  
[71] SOURCE 1 ENVIRONMENTAL, LLC, US  
[85] 2016-09-28  
[86] 2015-03-31 (PCT/US2015/023559)  
[87] (WO2015/153590)  
[30] US (61/972,561) 2014-03-31

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[21] **2,944,352**  
[13] A1  
[51] **Int.Cl. E21B 47/07 (2012.01) E21B 47/12 (2012.01) G01V 9/00 (2006.01)**  
[25] EN  
[54] **ATTENUATION CORRECTION FOR DISTRIBUTED TEMPERATURE SENSORS USING ANTISTOKES TO RAYLEIGH RATIO**  
[54] **CORRECTION D'ATTENUATION POUR DES CAPTEURS DE TEMPERATURE REPARTIS A L'AIDE DE RAPPORT D'ANTI-STOKES A RAYLEIGH**  
[72] MITCHELL, IAN, US  
[72] JOHNSTON, WILLIAM, US  
[72] CHANDRAN, ASHWIN, US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2016-09-28  
[86] 2015-03-19 (PCT/US2015/021472)  
[87] (WO2015/164004)  
[30] US (61/981,980) 2014-04-21

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[21] **2,944,353**  
[13] A1  
[51] **Int.Cl. B65G 21/14 (2006.01) B65G 47/64 (2006.01) B65G 47/68 (2006.01)**  
[25] EN  
[54] **TRANSPORT CONVEYOR AND TRANSPORT UNIT**  
[54] **TRANSPORTEUR ET UNITE DE TRANSPORT**  
[72] FUJIO, YOSHIHIKO, JP  
[71] DAIFUKU CO., LTD., JP  
[85] 2016-09-28  
[86] 2014-03-28 (PCT/JP2014/059191)  
[87] (WO2015/145739)

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[21] **2,944,356**  
[13] A1  
[51] **Int.Cl. C09K 8/58 (2006.01) C07C 43/11 (2006.01) E21B 43/22 (2006.01)**  
[25] EN  
[54] **SURFACTANT ASSISTED OIL RECOVERY USING ALCOHOL ETHER SULFONATES AND CATIONIC SURFACTANTS**  
[54] **RECUPERATION DU PETROLE ASSISTEE PAR TENSIOACTIF AU MOYEN DE SULFONATES D'ALCOOL-ETHER ET DE TENSIOACTIFS CATIONIQUES**  
[72] NGUYEN, DUY T., US  
[72] MUELLER, BRIAN L., US  
[71] ECOLAB USA INC., US  
[85] 2016-09-28  
[86] 2015-03-24 (PCT/US2015/022261)  
[87] (WO2015/153202)  
[30] US (14/231,307) 2014-03-31

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[21] **2,944,357**  
[13] A1

[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/4035 (2006.01) A61K 31/404 (2006.01) A61K 31/416 (2006.01) A61K 31/423 (2006.01) A61K 31/4355 (2006.01) A61K 31/437 (2006.01) A61K 31/4439 (2006.01) A61P 1/00 (2006.01) A61P 1/02 (2006.01) A61P 1/18 (2006.01) A61P 9/00 (2006.01) A61P 9/10 (2006.01) A61P 11/00 (2006.01) A61P 11/02 (2006.01) A61P 11/04 (2006.01) A61P 11/06 (2006.01) A61P 13/08 (2006.01) A61P 13/12 (2006.01) A61P 17/06 (2006.01) A61P 19/02 (2006.01) A61P 25/02 (2006.01) A61P 25/06 (2006.01) A61P 25/18 (2006.01) A61P 25/28 (2006.01) A61P 29/00 (2006.01) A61P 31/16 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07C 233/47 (2006.01) C07C 233/63 (2006.01) C07D 209/08 (2006.01) C07D 209/10 (2006.01) C07D 209/44 (2006.01) C07D 213/78 (2006.01) C07D 213/80 (2006.01) C07D 231/56 (2006.01) C07D 263/57 (2006.01) C07D 405/04 (2006.01) C07D 405/12 (2006.01) C07D 405/14 (2006.01) C07D 413/12 (2006.01) C07D 471/04 (2006.01)**

[25] EN

[54] **AMIDE DERIVATIVES AND PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF, PREPARATION METHOD THEREOF AND MEDICINAL APPLICATION THEREOF**

[54] **DERIVES D'AMIDES ET LEURS SELS PHARMACEUTIQUEMENT ACCEPTABLES, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION MEDICALE**

[72] LI, XIN, CN  
[72] HE, WEI, CN  
[72] LIU, XIANBO, CN  
[72] WANG, BIN, CN  
[72] HU, QIYUE, CN  
[72] JIN, FANGFANG, CN  
[72] DONG, QING, CN  
[72] SUN, PIAOYANG, CN  
[71] SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD., CN  
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN  
[85] 2016-09-29  
[86] 2015-03-31 (PCT/CN2015/075531)  
[87] (WO2015/158204)  
[30] CN (201410148152.6) 2014-04-14

[21] **2,944,358**  
[13] A1

[51] **Int.Cl. A42B 3/00 (2006.01)**

[25] EN

[54] **LOCKING LINER FOR HELMET**

[54] **REVETEMENT DE BLOCAGE POUR CASQUE**

[72] PRITZ, BEN, D., US  
[72] BRIGGS, EAMON, US  
[72] PENNER, BENJAMIN, W., US  
[72] EISMAN, BRIAN, W., US  
[71] BELL SPORTS, INC., US  
[85] 2016-09-28  
[86] 2015-03-31 (PCT/US2015/023635)  
[87] (WO2015/153641)  
[30] US (61/973,396) 2014-04-01  
[30] US (14/674,772) 2015-03-31

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[21] **2,944,359**  
[13] A1

[51] **Int.Cl. G01F 1/66 (2006.01) E21B 47/10 (2012.01) E21B 43/12 (2006.01)**

[25] EN

[54] **ACOUSTICALLY ISOLATED ULTRASONIC TRANSDUCER HOUSING AND FLOW METER**

[54] **BOITIER DE TRANSDUCTEUR ULTRASONORE A ISOLATION ACOUSTIQUE ET DEBITMETRE**

[72] GOTTLIEB, EMANUEL J., US  
[72] MINNOCK, KEVIN P., US  
[72] AUGENSTEIN, DONALD R., US  
[72] ZUCKERMAN, RICHARD A., US  
[71] CAMERON INTERNATIONAL CORPORATION, US  
[85] 2016-09-29  
[86] 2015-04-23 (PCT/US2015/027354)  
[87] (WO2015/167932)  
[30] US (14/262,781) 2014-04-27

[21] **2,944,360**  
[13] A1

[51] **Int.Cl. B64D 10/00 (2006.01) A41D 13/00 (2006.01) A41D 31/00 (2006.01)**

[25] EN

[54] **FLIGHT SUITS**

[54] **COMBINAISONS DE VOL**

[72] SAVOIE, NICOLE, CA  
[72] HUOT, STEPHAN, CA  
[71] STEPHAN/H, CA  
[85] 2016-09-29  
[86] 2014-12-09 (PCT/CA2014/000887)  
[87] (WO2015/085405)  
[30] US (61/915,222) 2013-12-12

[21] **2,944,361**  
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)**

[25] EN

[54] **NAMESPACE MANAGEMENT IN DISTRIBUTED STORAGE SYSTEMS**

[54] **GESTION D'ESPACE DE NOM DANS DES SYSTEMES DE MEMORISATION DISTRIBUES**

[72] HENDRICKSON, JOSHUA SAMUEL, US  
[72] OIKARINEN, MATTI JUHANI, US  
[72] HAUGLAND, ALEX, US  
[72] VINCENT, PRADEEP, US  
[72] FRIGO, MATTEO, US  
[72] WU, XIAOBIN, US  
[71] AMAZON TECHNOLOGIES, INC., US  
[85] 2016-09-28  
[86] 2015-03-26 (PCT/US2015/022647)  
[87] (WO2015/153259)  
[30] US (14/231,095) 2014-03-31

[21] **2,944,362**  
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 15/16 (2006.01) G06F 17/30 (2006.01)**

[25] EN

[54] **SCALABLE FILE STORAGE SERVICE**

[54] **SERVICE DE STOCKAGE DE FICHER POUVANT ETRE MIS A L'ECHELLE**

[72] VINCENT, PRADEEP, US  
[72] DUSO, WAYNE WILLIAM, US  
[72] OIKARINEN, MATTI JUHANI, US  
[72] FRIGO, MATTEO, US  
[72] SORENSON, JAMES CHRISTOPHER, III, US  
[71] AMAZON TECHNOLOGIES, INC., US  
[85] 2016-09-28  
[86] 2015-03-31 (PCT/US2015/023676)  
[87] (WO2015/153663)  
[30] US (14/231,088) 2014-03-31

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[21] **2,944,363**  
[13] A1

[51] **Int.Cl. A61K 31/09 (2006.01) A61K 31/075 (2006.01) A61P 33/14 (2006.01)**

[25] EN

[54] **HONEY BEE MITE DISRUPTIVE COMPOUNDS AND METHODS OF APPLICATION**

[54] **COMPOSES AYANT UN EFFET PERTURBATEUR SUR UN ACARIEN DE L'ABEILLE ET LEURS PROCEDES D'UTILISATION**

[72] PLETTNER, ERIKA, CA  
[72] SOROKER, VICTORIA, IL  
[71] SIMON FRASER UNIVERSITY, CA  
[71] THE STATE OF ISRAEL, MINISTRY OF AGRICULTURE & RURAL DEVELOPMENT, AGRICULTURAL RESEARCH ORGANIZATION (ARO), IL

[85] 2016-09-29  
[86] 2015-03-24 (PCT/CA2015/000174)  
[87] (WO2015/143536)  
[30] US (61/969,742) 2014-03-24

[21] **2,944,366**  
[13] A1

[51] **Int.Cl. H01M 8/02 (2016.01) H01M 8/24 (2016.01) H01M 8/04 (2016.01) H01M 8/10 (2016.01)**

[25] EN

[54] **LAMINATED BATTERY, SEPARATOR AND CONNECTION METHOD OF INTERNAL RESISTANCE MEASURING DEVICE**

[54] **EMPILEMENT DE CELLULES, SEPARATEUR ET PROCEDE DE CONNEXION DE DISPOSITIF DE MESURE DE RESISTANCE INTERNE**

[72] AOKI, TETSUYA, JP  
[72] SAKAI, MASANOBU, JP  
[72] SUGIMOTO, KEI, JP  
[71] NISSAN MOTOR CO., LTD., JP

[85] 2016-09-28  
[86] 2014-03-28 (PCT/JP2014/059263)  
[87] (WO2015/145755)

[21] **2,944,367**  
[13] A1

[51] **Int.Cl. B29C 61/06 (2006.01) B29C 55/12 (2006.01) B65D 23/08 (2006.01) C08J 5/08 (2006.01) G09F 3/04 (2006.01)**

[25] EN

[54] **HEAT-SHRINKABLE POLYESTER FILM AND PACKAGE**

[54] **FILM POLYESTER THERMORETRACTABLE ET EMBALLAGE**

[72] HARUTA, MASAYUKI, JP  
[72] ISHIMARU, SHINTARO, JP  
[71] TOYOBO CO., LTD., JP

[85] 2016-09-28  
[86] 2015-03-03 (PCT/JP2015/056204)  
[87] (WO2015/151695)  
[30] JP (2014-075842) 2014-04-01  
[30] JP (2015-005593) 2015-01-15

[21] **2,944,372**  
[13] A1

[51] **Int.Cl. H01M 8/02 (2016.01) C08L 73/00 (2006.01) C08L 79/06 (2006.01) H01B 1/06 (2006.01) H01M 4/86 (2006.01) H01M 8/10 (2016.01)**

[25] EN

[54] **POLYMER ELECTROLYTE COMPOSITION, POLYMER ELECTROLYTE MEMBRANE USING SAME, CATALYST COATED MEMBRANE, MEMBRANE ELECTRODE ASSEMBLY AND POLYMER ELECTROLYTE FUEL CELL**

[54] **COMPOSITION D'ELECTROLYTE POLYMER, MEMBRANE ELECTROLYTIQUE POLYMER, L'UTILISANT, MEMBRANE ELECTROLYTIQUE REVETUE D'UNE COUCHE DE CATALYSEUR, ENSEMBLE MEMBRANE-ELECTRODES ET PILEA COMBUSTIBLE A ELECTROLYTE POLYMER SOLIDE**

[72] KUNITA, TOMOYUKI, JP  
[72] IZUHARA, DAISUKE, JP  
[72] UMEDA, HIROAKI, JP  
[71] TORAY INDUSTRIES, INC., JP

[85] 2016-09-28  
[86] 2015-03-27 (PCT/JP2015/059661)  
[87] (WO2015/152058)  
[30] JP (2014-071762) 2014-03-31  
[30] JP (2014-071765) 2014-03-31

[21] **2,944,373**  
[13] A1

[51] **Int.Cl. H01F 1/057 (2006.01) H01F 41/02 (2006.01)**

[25] EN

[54] **IRON NITRIDE MAGNETIC MATERIAL INCLUDING COATED NANOPARTICLES**

[54] **MATERIAU MAGNETIQUE AU NITRURE DE FER COMPRENANT DES NANOPARTICULES REVETUES**

[72] WANG, JIAN-PING, US  
[72] JIANG, YANFENG, US  
[72] BRIDGES, CRAIG A., US  
[72] BRADY, MICHAEL P., US  
[72] RIOS, ORLANDO, US  
[72] MEISNER, ROBERTA A., US  
[72] ALLARD, LAWRENCE F., US  
[72] LARA-CURZIO, EDGAR, US  
[72] HE, SHIHAI, US  
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US  
[71] UT-BATTELLE, LLC, US  
[71] UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION, US

[85] 2016-09-28  
[86] 2015-03-26 (PCT/US2015/022763)  
[87] (WO2015/148810)  
[30] US (61/971,730) 2014-03-28

[21] **2,944,375**  
[13] A1

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

[25] EN

[54] **SUBSURFACE FORMATION MODELING WITH INTEGRATED STRESS PROFILES**

[54] **MODELISATION DE FORMATION DE SUBSURFACE AVEC DES PROFILS DE CONTRAINTE INTEGRES**

[72] DONALD, JOHN ADAM, MY  
[72] YAN, GONGRUI, CN  
[72] SUN, HAITAO, US  
[72] RAMIREZ, ALEXANDER, US  
[72] GOMEZ, FRANCISCO, CN  
[72] LIANG, XINYU, CN  
[71] SHLUMBERGER CANADA LIMITED, CA  
[71] PRAD RESEARCH AND DEVELOPMENT LIMITED, VG

[85] 2016-09-29  
[86] 2014-03-31 (PCT/CN2014/074433)  
[87] (WO2015/149237)

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[21] **2,944,377**  
[13] A1

[51] **Int.Cl. B25J 9/00 (2006.01) B25J 19/00 (2006.01) B25J 19/04 (2006.01)**  
[25] EN  
[54] **COLOR- OR GRAYSCALE-SENSING, MAGNETIC, MOBILE, MARKING ROBOT**  
[54] **ROBOT DE MARQUAGE MOBILE, MAGNETIQUE A DETECTION DE COULEUR OU DE NIVEAUX DE GRIS**  
[72] DUBROVSKY, ZIVTHAN, US  
[72] CHERNEY, RAPHAEL, US  
[72] MOGENSEN, MICHAEL, US  
[72] WERFEL, JUSTIN, US  
[72] O'DONNELL, KATHLEEN, US  
[72] NAGPAL, RADHIKA, US  
[72] NAPP, NILS, US  
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US  
[85] 2016-09-28  
[86] 2015-04-01 (PCT/US2015/023952)  
[87] (WO2015/153812)  
[30] US (61/973,936) 2014-04-02

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[21] **2,944,381**  
[13] A1

[51] **Int.Cl. G06F 11/14 (2006.01) H04W 48/18 (2009.01) H04L 29/06 (2006.01)**  
[25] EN  
[54] **USING HARD DRIVE ON PANELS FOR DATA STORAGE**  
[54] **UTILISATION DE DISQUE DUR SUR DES PANNEAUX POUR LE STOCKAGE DE DONNEES**  
[72] HWANG, JUNGTAIK, US  
[72] EYRING, MATTHEW J., US  
[72] WARREN, JEREMY B., US  
[72] NYE, JAMES ELLIS, US  
[71] VIVINT, INC, US  
[85] 2016-09-28  
[86] 2015-04-02 (PCT/US2015/024081)  
[87] (WO2015/153881)  
[30] US (14/245,340) 2014-04-04

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[21] **2,944,383**  
[13] A1

[51] **Int.Cl. A61B 17/068 (2006.01)**  
[25] EN  
[54] **END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME**  
[54] **DISPOSITIFS D'AGRAFAGE CHIRURGICAL A EFFECTEURS D'EXTREMITE, ET LEURS PROCEDES D'UTILISATION**  
[72] THOMPSON, JONATHAN, US  
[72] THOMPSON, BEN, US  
[72] NUCHOLS, RICHARD P., US  
[72] HOLSCHER, RUSSELL L., US  
[71] STANDARD BARIATRICS, INC., US  
[85] 2016-09-28  
[86] 2015-03-27 (PCT/US2015/022990)  
[87] (WO2015/153340)  
[30] US (61/972,274) 2014-03-29  
[30] US (62/046,726) 2014-09-05

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[13] A1

[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/1455 (2006.01) A61B 5/1464 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DETERMINING BILIRUBIN LEVELS IN NEWBORN BABIES**  
[54] **SYSTEME ET PROCEDE POUR DETERMINER LES NIVEAUX DE BILIRUBINE CHEZ LES NOUVEAU-NES**  
[72] CLEMENTE, MATTHEW, US  
[72] STAVIS, GEORGE, US  
[72] MELIKECHI, NOUREDDINE, US  
[72] STAVIS, ROBERT, US  
[71] BILIBABY, LLC, US  
[85] 2016-09-28  
[86] 2015-04-02 (PCT/US2015/024151)  
[87] (WO2015/153913)  
[30] US (61/973,885) 2014-04-02

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[21] **2,944,388**  
[13] A1

[51] **Int.Cl. G06K 19/00 (2006.01) G06K 19/16 (2006.01)**  
[25] EN  
[54] **PAYMENT DEVICE WITH HOLOGRAPHIC SECURITY ELEMENT**  
[54] **DISPOSITIF DE PAIEMENT AVEC ELEMENT DE SECURITE HOLOGRAPHIQUE**  
[72] SKELDING, DORI K., US  
[72] SCHMID, JULIAN, US  
[72] SIPPOLA, KENNETH, US  
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US  
[85] 2016-09-28  
[86] 2015-04-03 (PCT/US2015/024332)  
[87] (WO2015/154019)  
[30] US (61/975,106) 2014-04-04

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[21] **2,944,393**  
[13] A1

[51] **Int.Cl. C12N 5/10 (2006.01) C12N 1/00 (2006.01)**  
[25] EN  
[54] **MEDIUM FOR STEM CELL USE**  
[54] **MILIEU POUR L'UTILISATION DE CELLULES SOUCHES**  
[72] KURIYAMA, YOKO, JP  
[72] OKAMOTO, SATORU, JP  
[72] KITAZAWA, MANABU, JP  
[72] SUGIMOTO, NAO, JP  
[72] MATSUMOTO, TAKUYA, JP  
[71] AJINOMOTO CO., INC., JP  
[85] 2016-09-29  
[86] 2014-08-12 (PCT/JP2014/071256)  
[87] (WO2015/151307)  
[30] JP (2014-070763) 2014-03-31

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[21] **2,944,395**  
[13] A1

[51] **Int.Cl. G06T 7/60 (2006.01) A01K 29/00 (2006.01)**  
[25] EN  
[54] **AN ARRANGEMENT AND METHOD TO DETERMINE A BODY CONDITION SCORE OF AN ANIMAL**  
[54] **SYSTEME ET PROCEDE POUR DETERMINER UNE NOTE D'ETAT CORPOREL D'UN ANIMAL**  
[72] VAN DER KAMP, ADOLF JAN, NL  
[72] SONG, XIANGYU, NL  
[72] VAN DER TOL, PATRICK PHILIP JACOB, NL  
[71] LELY PATENT N.V., NL  
[85] 2016-09-29  
[86] 2015-03-06 (PCT/NL2015/050141)  
[87] (WO2015/152708)  
[30] NL (2012540) 2014-04-01

[21] **2,944,397**  
[13] A1

[51] **Int.Cl. B01D 53/94 (2006.01) B01J 23/755 (2006.01) B01J 23/86 (2006.01) B01J 35/04 (2006.01) F01N 3/10 (2006.01) F01N 3/28 (2006.01)**  
[25] EN  
[54] **EXHAUST GAS PURIFICATION SYSTEM, CATALYST, AND EXHAUST GAS PURIFICATION METHOD**  
[54] **SYSTEME D'EPURATION DE GAZ D'ECHAPPEMENT, CATALYSEUR ET PROCEDE D'EPURATION DE GAZ D'ECHAPPEMENT**  
[72] UCHIYAMA, NAOKI, JP  
[72] UCHIYAMA, YASUYUKI, JP  
[72] NAKABAYASHI, SEIGOU, JP  
[71] ATSUMITEC CO., LTD., JP  
[85] 2016-09-28  
[86] 2015-03-30 (PCT/JP2015/059969)  
[87] (WO2015/159698)  
[30] JP (2014-086426) 2014-04-18

[21] **2,944,401**  
[13] A1

[51] **Int.Cl. A61K 31/337 (2006.01)**  
[25] EN  
[54] **SUPRAMOLECULAR COMBINATORIAL THERAPEUTICS**  
[54] **AGENTS THERAPEUTIQUES COMBINATOIRES SUPRAMOLECULAIRES**  
[72] SENGUPTA, SHILADITYA, US  
[72] ROY, MONIDEEPA, IN  
[72] HOSSAIN, SAMAD, IN  
[72] SENGUPTA, ANIRUDDHA, IN  
[72] MYLAVARAPU, SANGHAMITRA, IN  
[72] MUKHERJEE, ANUBHAB, IN  
[71] INVICTUS ONCOLOGY PVT. LTD., IN  
[85] 2016-09-28  
[86] 2015-03-27 (PCT/US2015/023009)  
[87] (WO2015/153345)  
[30] IN (975/DEL/2014) 2014-04-03

[21] **2,944,396**  
[13] A1

[51] **Int.Cl. G08G 1/123 (2006.01)**  
[25] EN  
[54] **FAST RENDERING OF VISUALIZATION**  
[54] **RENDU RAPIDE DE VISUALISATION**  
[72] MERUGU, DEEPAK, US  
[71] URBAN ENGINES, INC., US  
[85] 2016-09-28  
[86] 2015-04-03 (PCT/US2015/024361)  
[87] (WO2015/154041)  
[30] US (61/975,664) 2014-04-04  
[30] US (14/578,267) 2014-12-19

[21] **2,944,399**  
[13] A1

[51] **Int.Cl. A61L 29/00 (2006.01) A61M 25/10 (2013.01)**  
[25] EN  
[54] **METHOD OF TREATING PERIPHERAL ARTERY DISEASES IN LOWER LIMBS**  
[54] **PROCEDE DE TRAITEMENT DE MALADIES DES ARTERES PERIPHERIQUES DES MEMBRES INFERIEURS**  
[72] YAMASHITA, KEIKO, JP  
[72] NOZAWA, SHIGENORI, JP  
[72] MORIMOTO, KATSUMI, JP  
[72] SHIMAMURA, KYOKO, JP  
[71] TERUMO KABUSHIKI KAISHA, JP  
[85] 2016-09-29  
[86] 2015-03-12 (PCT/JP2015/001398)  
[87] (WO2015/174001)  
[30] US (61/994,467) 2014-05-16  
[30] US (14/321,282) 2014-07-01  
[30] US (14/457,383) 2014-08-12

[21] **2,944,403**  
[13] A1

[51] **Int.Cl. C22C 38/00 (2006.01) B21B 1/22 (2006.01) C21D 9/46 (2006.01) C22C 38/06 (2006.01)**  
[25] EN  
[54] **HIGH-STRENGTH STEEL SHEET FOR CONTAINERS AND METHOD FOR PRODUCING THE SAME**  
[54] **TOLE D'ACIER A HAUTE RESISTANCE POUR CONTENANT, ET SON PROCEDE DE PRODUCTION**  
[72] TADA, MASAKI, JP  
[72] SAITO, HAYATO, JP  
[72] KOJIMA, KATSUMI, JP  
[72] NAKAMARU, HIROKI, JP  
[71] JFE STEEL CORPORATION, JP  
[85] 2016-09-29  
[86] 2015-04-23 (PCT/JP2015/002215)  
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[13] A1

[51] **Int.Cl. E21C 41/16 (2006.01) G06Q 50/02 (2012.01)**

[25] EN  
[54] **MINE MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DE MINE**  
[72] KAWAI, KAZUNARI, JP  
[72] TERADA, SHINICHI, JP  
[72] FUJITA, TAITO, JP  
[72] KODAMA, YUICHI, JP  
[72] UETAKE, MASAACKI, JP  
[71] KOMATSU LTD., JP  
[85] 2016-09-29  
[86] 2015-02-06 (PCT/JP2015/053429)  
[87] (WO2015/151583)  
[30] JP (2014-074559) 2014-03-31

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[21] **2,944,405**  
[13] A1

[51] **Int.Cl. H04N 5/222 (2006.01) G06T 7/20 (2006.01)**

[25] EN  
[54] **INTERACTIVELY STYLIZING CAMERA MOTION**  
[54] **STYLISATION INTERACTIVE DE MOUVEMENT DE CAMERA**  
[72] JOSHI, NEEL SURESH, US  
[72] MORRIS, DANIEL SCOTT, US  
[72] COHEN, MICHAEL F., US  
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US  
[85] 2016-09-28  
[86] 2015-04-07 (PCT/US2015/024593)  
[87] (WO2015/164062)  
[30] US (14/257,605) 2014-04-21

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[13] A1

[51] **Int.Cl. G02B 6/38 (2006.01) G02B 6/24 (2006.01)**

[25] EN  
[54] **OPTICAL FIBER CONNECTOR**  
[54] **CONNECTEUR POUR FIBRE OPTIQUE**  
[72] MATSUDA, TAKAHARU, JP  
[72] LUONG, HUNG HUU, JP  
[72] OTA, TATSUYA, JP  
[72] TAKIZAWA, KAZUHIRO, JP  
[72] KATAYOSE, HIROICHI, JP  
[72] ISHIZUKA, KOJI, JP  
[72] SHINPO, MAKOTO, JP  
[72] TOGE, KUNIHIRO, JP  
[71] FUJIKURA LTD., JP  
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP  
[85] 2016-09-28  
[86] 2015-03-31 (PCT/JP2015/060233)  
[87] (WO2015/152282)  
[30] JP (2014-075684) 2014-04-01

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[21] **2,944,407**  
[13] A1

[51] **Int.Cl. C12N 1/00 (2006.01) C12N 1/20 (2006.01) C12N 1/26 (2006.01)**

[25] EN  
[54] **PREPARATION OF SMALL COLONY VARIANTS OF THERAPEUTIC BACTERIA**  
[54] **PREPARATION DE PETITES VARIANTES DE COLONIES DE BACTERIES THERAPEUTIQUES**  
[72] WATT, STEVEN R., US  
[72] DORSEY, CALEB W., US  
[72] SMITH, JOSHUA A., US  
[71] CONJUGON, INC., US  
[85] 2016-09-28  
[86] 2015-03-27 (PCT/US2015/023026)  
[87] (WO2015/148943)  
[30] US (61/971,913) 2014-03-28

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[21] **2,944,411**  
[13] A1

[51] **Int.Cl. C08L 1/00 (2006.01) B01F 17/52 (2006.01) C08F 293/00 (2006.01) C08J 3/05 (2006.01) C08L 97/00 (2006.01) C08L 101/00 (2006.01)**

[25] EN  
[54] **POLYMER DISPERSANT FOR CELLULOSE, AQUEOUS DISPERSION TREATMENT AGENT CONTAINING SAME, READILY DISPERSIBLE CELLULOSE COMPOSITION, CELLULOSE DISPERSION RESIN COMPOSITION, AND DISPERSANT-CONTAINING RESIN COMPOSITION FOR CELLULOSE DISPERSION**  
[54] **AGENT DISPERSANT POLYMERE POUR CELLULOSE, AGENT DE TRAITEMENT DE DISPERSION AQUEUX COMPRENANT CET AGENT DISPERSANT POLYMERE, COMPOSITION DE CELLULOSE FACILEMENT DISPERSABLE, COMPOSITION DE RESINE A DISPERSION DE CELLULOSE, ET COMPOSITION DE RESINE COMPRENANT UN AGENT DISPERSANT POUR DISPERSION DE CELLULOSE**  
[72] IMAI, TAKAHIRO, JP  
[72] AOYAGI, TAIYO, JP  
[72] SHIMANAKA, HIROYUKI, JP  
[72] TSUJII, YOSHINOBU, JP  
[72] SAKAKIBARA, KEITA, JP  
[72] GOTO, ATSUSHI, JP  
[71] DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD., JP  
[71] KYOTO UNIVERSITY, JP  
[85] 2016-09-29  
[86] 2015-03-30 (PCT/JP2015/060028)  
[87] (WO2015/152188)  
[30] JP (2014-072482) 2014-03-31

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[51] <b>Int.Cl. A61K 38/05 (2006.01) A61K 38/06 (2006.01) A61P 3/10 (2006.01)</b>	[51] <b>Int.Cl. C08L 1/00 (2006.01) B01F 17/52 (2006.01) C08F 293/00 (2006.01) C08J 3/05 (2006.01) C08J 3/20 (2006.01) C08L 97/00 (2006.01) C08L 101/00 (2006.01)</b>	[51] <b>Int.Cl. A61B 17/15 (2006.01) A61B 17/32 (2006.01) A61B 17/322 (2006.01)</b>
[25] FR	[25] EN	[25] EN
[54] <b>COMPOSITIONS FOR PREVENTING AND/OR TREATING PATHOLOGICAL CONDITIONS ASSOCIATED WITH ALPHA-GLUCOSIDASE</b>	[54] <b>PRODUCTION METHOD FOR READILY DISPERSIBLE CELLULOSE COMPOSITION, READILY DISPERSIBLE CELLULOSE COMPOSITION, CELLULOSE DISPERSION RESIN COMPOSITION, AND PRODUCTION METHOD FOR WATER-BASED DISPERSANT FOR CELLULOSE</b>	[54] <b>SYSTEM, APPARATUS, AND METHOD FOR CREATION AND IMPLANTATION OF TISSUE GRAFTS</b>
[54] <b>COMPOSITIONS POUR LA PREVENTION ET/OU LE TRAITEMENT DE PATHOLOGIES LIEES A L'ALPHA-GLUCOSIDASE</b>	[54] <b>COMPOSITION DE CELLULOSE FACILEMENT DISPERSABLE AINSI QUE PROCEDE DE FABRICATION DE CELLE-CI, COMPOSITION DE RESINE A DISPERSION DE CELLULOSE, ET PROCEDE DE FABRICATION D'AGENT DE TRAITEMENT DE DISPERSION AQUEUX POUR CELLULOSE</b>	[54] <b>SYSTEME, APPAREIL ET PROCEDE DE CREATION ET D'IMPLANTATION DE GREFFONS DE TISSUS</b>
[72] MAUGARD, THIERRY, FR	[72] IMAI, TAKAHIRO, JP	[72] PFEIFFER, FERRIS M., US
[72] BORDENAVE-JUCHEREAU, STEPHANIE, FR	[72] AOYAGI, TAIYO, JP	[72] COOK, JAMES L., US
[72] PIOT, JEAN-MARIE, FR	[72] SHIMANAKA, HIROYUKI, JP	[72] STANNARD, JAMES P., US
[72] BEN-HENDA, YESMINE, FR	[72] TSUJII, YOSHINOBU, JP	[71] THE CURATORS OF THE UNIVERSITY OF MISSOURI, US
[72] SIRVENT, PASCAL, FR	[72] SAKAKIBARA, KEITA, JP	[85] 2016-09-28
[72] PELTIER, SEBASTIEN, FR	[72] GOTO, ATSUSHI, JP	[86] 2015-03-30 (PCT/US2015/023307)
[71] UNIVERSITE DE LA ROCHELLE, FR	[71] DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD., JP	[87] (WO2015/153442)
[71] UNIVERSITE BLAISE PASCAL - CLERMONT II, FR	[71] KYOTO UNIVERSITY, JP	[30] US (61/973,036) 2014-03-31
[85] 2016-07-27	[85] 2016-09-29	
[86] 2015-02-18 (PCT/FR2015/050397)	[86] 2015-03-30 (PCT/JP2015/060029)	
[87] (WO2015/124867)	[87] (WO2015/152189)	
[30] FR (14/51280) 2014-02-18	[30] JP (2014-072483) 2014-03-31	
[21] <b>2,944,414</b> [13] A1		[21] <b>2,944,417</b> [13] A1
[51] <b>Int.Cl. G01N 30/68 (2006.01) G01K 17/00 (2006.01)</b>		[51] <b>Int.Cl. C07K 14/47 (2006.01) A61K 38/00 (2006.01) A61K 49/00 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01) C12N 15/113 (2010.01) C12N 15/09 (2006.01)</b>
[25] EN		[25] EN
[54] <b>THERMAL EXTRACTION GEOCHEMICAL METHOD FOR MEASUREMENT OF OIL IN PLACE AND MOVABLE OIL IN LIQUID RICH FINE GRAIN ROCKS</b>		[54] <b>A TARGETING MOLECULE AND A USE THEREOF</b>
[54] <b>PROCEDE GEOCHIMIQUE D'EXTRACTION THERMIQUE PERMETTANT DE MESURER DU PETROLE EN PLACE ET DU PETROLE MOBILE DANS DES ROCHES A GRAIN FIN RICHES EN LIQUIDE</b>		[54] <b>MOLECULE DE CIBLAGE ET SON UTILISATION</b>
[72] ABRAMS, MICHAEL A., US		[72] MINOMI, KENJIRO, JP
[71] APACHE CORPORATION, US		[72] TAKAHASHI, HIROKAZU, JP
[85] 2016-09-29		[72] TERADA, ERIKA, JP
[86] 2015-03-30 (PCT/US2015/023355)		[72] NIITSU, YOSHIRO, JP
[87] (WO2015/153465)		[71] NITTO DENKO CORPORATION, JP
[30] US (61/972,786) 2014-03-31		[85] 2016-09-29
		[86] 2015-04-01 (PCT/JP2015/060353)
		[87] (WO2015/152332)
		[30] JP (2014-075953) 2014-04-02

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[21] **2,944,418**  
[13] A1

[51] **Int.Cl. B62B 3/00 (2006.01)**  
[25] EN  
[54] **WIRELESS KNIFE FOR CUTTING AND SPREADING COLD FOOD**  
[54] **COUTEAU SANS FIL POUR COUPER ET BADIGEONNER DES ALIMENTS FROIDS**  
[72] ESTEBAN GONZALEZ, FRANCISCO JAVIER, ES  
[71] ESTEBAN GONZALEZ, FRANCISCO JAVIER, ES  
[85] 2016-09-29  
[86] 2015-04-01 (PCT/ES2015/000051)  
[87] (WO2015/150601)  
[30] ES (U201400281) 2014-04-02

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[21] **2,944,419**  
[13] A1

[51] **Int.Cl. G06F 15/16 (2006.01) G06F 17/30 (2006.01)**  
[25] EN  
[54] **REMOTE PROCESSING OF FILES RESIDING ON ENDPOINT COMPUTING DEVICES**  
[54] **TRAITEMENT A DISTANCE DE FICHIERS RESIDANT SUR DES DISPOSITIFS INFORMATIQUES DE POINT D'EXTREMITE**  
[72] MANGAN, MARTIN, III, US  
[72] CARL, DANIEL, US  
[72] COPFER, RONALD K., JR., US  
[72] HEGRAT, BRADFORD HENRY, US  
[72] LATESSA, NATHANIEL H., US  
[71] VEDISCOVERY LLC, US  
[85] 2016-09-28  
[86] 2015-04-07 (PCT/US2015/024608)  
[87] (WO2015/157209)  
[30] US (61/975,955) 2014-04-07  
[30] US (14/679,467) 2015-04-06

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[21] **2,944,421**  
[13] A1

[51] **Int.Cl. C22B 15/00 (2006.01) C22B 1/02 (2006.01)**  
[25] EN  
[54] **METHOD FOR PROCESSING ARSENIC AND ARSENIC-CONTAINING COMPOUND**  
[54] **PROCEDE DE TRAITEMENT DE L'ARSENIC ET COMPOSE CONTENANT DE L'ARSENIC**  
[72] TATSUMI,RYOSUKE, JP  
[72] HATANO,KAZUHIRO, JP  
[71] JX NIPPON MINING & METALS CORPORATION, JP  
[85] 2016-09-29  
[86] 2015-03-23 (PCT/JP2015/058761)  
[87] (WO2015/151903)  
[30] JP (2014-073831) 2014-03-31

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[21] **2,944,422**  
[13] A1

[51] **Int.Cl. C12P 21/02 (2006.01) C12N 15/09 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRODUCING USEFUL PROTEIN USING PLANT**  
[54] **PROCEDE DE PRODUCTION D'UNE PROTEINE UTILE A L'AIDE D'UNE PLANTE**  
[72] MURASE, MAKOTO, JP  
[72] IKEZAWA, NOBUHIRO, JP  
[72] KITAHARA, DAISUKE, JP  
[72] TANAKA, HIROYUKI, JP  
[71] MITSUBISHI CHEMICAL CORPORATION, JP  
[85] 2016-09-29  
[86] 2015-04-09 (PCT/JP2015/061055)  
[87] (WO2015/156340)  
[30] JP (2014-081110) 2014-04-10

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[13] A1

[51] **Int.Cl. G05B 19/05 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MANAGING THE HAND-OFF BETWEEN CONTROL TERMINALS**  
[54] **PROCEDE ET SYSTEME POUR LA GESTION DE TRANSFERT ENTRE DES TERMINAUX DE COMMANDE**  
[72] GELINSKE, JOSHUA N., US  
[72] BATCHELLER, BARRY D., US  
[72] TRANA, JESSE S., US  
[72] BADER, TRAVIS N., US  
[71] INTELLIGENT AGRICULTURAL SOLUTIONS, LLC, US  
[85] 2016-09-28  
[86] 2015-03-30 (PCT/US2015/023415)  
[87] (WO2015/149078)  
[30] US (14/229,492) 2014-03-28

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[21] **2,944,424**  
[13] A1

[51] **Int.Cl. G01R 22/00 (2006.01) G01R 22/04 (2006.01) G01R 35/04 (2006.01)**  
[25] EN  
[54] **MONITORING POWER CONSUMPTION BY ELECTRICAL DEVICES USING MONITORED OPERATIONAL PARAMETERS**  
[54] **SURVEILLANCE DE LA CONSOMMATION D'ENERGIE PAR DES DISPOSITIFS ELECTRIQUES A L'AIDE DE PARAMETRES DE FONCTIONNEMENT SURVEILLES**  
[72] MONNERIE, EMMANUEL, US  
[72] MELET, PATRICK, US  
[72] SALAZAR CARDOSO, RUBEN EMILIO, US  
[71] LANDIS+GYR INNOVATIONS, INC., US  
[85] 2016-09-28  
[86] 2015-04-07 (PCT/US2015/024654)  
[87] (WO2015/167761)  
[30] US (14/263,297) 2014-04-28

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[13] A1

[51] **Int.Cl. C02F 11/02 (2006.01) B09B 3/00 (2006.01) C02F 11/04 (2006.01) C12M 1/00 (2006.01) C12M 1/107 (2006.01) C12P 3/00 (2006.01) C12P 7/02 (2006.01) C12P 7/18 (2006.01)**

[25] EN

[54] **THE PRODUCTION OF HYDROGEN AND OTHER GASEOUS OR LIQUID PRODUCTS IN AN ACCELERATED BIOPROCESS**

[54] **PRODUCTION D'HYDROGENE ET D'AUTRES PRODUITS GAZEUX OU LIQUIDES DANS UN BIOPROCEDE ACCELERE**

[72] HAKALEHTO, EINO ELIAS, FI  
[71] HAKALEHTO, EINO ELIAS, FI  
[85] 2016-09-29  
[86] 2015-04-16 (PCT/FI2015/000015)  
[87] (WO2015/158950)  
[30] FI (20140114) 2014-04-16

[21] **2,944,427**  
[13] A1

[51] **Int.Cl. E04B 1/20 (2006.01) E04B 1/58 (2006.01) E04B 2/56 (2006.01)**

[25] EN

[54] **BUILDING STRUCTURE IN WHICH KOREAN-STYLE HOUSE AND WOODEN HOUSE ARE INTRODUCED TO CONTEMPORARY ARCHITECTURE**

[54] **STRUCTURE DE CONSTRUCTION DANS LAQUELLE UNE MAISON DE STYLE COREEN ET UNE MAISON EN BOIS SONT INTRODUITES DANS UNE ARCHITECTURE CONTEMPORAINE**

[72] KO, BEOM SUB, KR  
[71] KO, BEOM SUB, KR  
[85] 2016-09-29  
[86] 2015-01-13 (PCT/KR2015/000309)  
[87] (WO2015/174608)  
[30] KR (10-2014-0058860) 2014-05-16

[21] **2,944,428**  
[13] A1

[51] **Int.Cl. C25B 1/02 (2006.01) C01B 3/00 (2006.01) C25B 1/26 (2006.01) C25B 9/00 (2006.01) F01K 25/10 (2006.01) F03G 6/00 (2006.01)**

[25] EN

[54] **HYDROGEN GAS GENERATING SYSTEM**

[54] **SYSTEME DE PRODUCTION D'HYDROGENE GAZEUX**

[72] MISHIMA, NOBUYOSHI, JP  
[72] NAGAFUCHI, NAOYUKI, JP  
[71] MITSUBISHI HITACHI POWER SYSTEMS, LTD., JP  
[85] 2016-09-29  
[86] 2015-04-10 (PCT/JP2015/061234)  
[87] (WO2015/159817)  
[30] JP (2014-085102) 2014-04-17

[21] **2,944,430**  
[13] A1

[51] **Int.Cl. B01D 61/02 (2006.01) C02F 1/44 (2006.01)**

[25] EN

[54] **OSMOTIC SEPARATION SYSTEMS AND METHODS**

[54] **SYSTEMES ET PROCEDES DE SEPARATION OSMOTIQUE**

[72] HANCOCK, NATHAN T., US  
[72] DROVER, CHRISTOPHER, US  
[72] NOWOSIELSKI-SLEPOWRON, MAREK S., US  
[72] AKIE, GARRETT, US  
[71] OASYS WATER, INC., US  
[85] 2016-09-29  
[86] 2015-03-31 (PCT/US2015/023542)  
[87] (WO2015/157031)  
[30] US (61/976,714) 2014-04-08  
[30] US (62/069,627) 2014-10-28

[21] **2,944,431**  
[13] A1

[51] **Int.Cl. F04D 27/00 (2006.01) F04D 25/08 (2006.01)**

[25] EN

[54] **FAN WITH LEARNING MODE**

[54] **VENTILATEUR AVEC MODE D'APPRENTISSAGE**

[72] DESMET, JAMES M., US  
[72] REED, ALEX, US  
[72] OLESON, RICHARD A., US  
[72] WHITE, MARSHALL, US  
[72] BISHOP, JASON, US  
[72] LENSER, RICHARD, US  
[72] BANKS, DAVID R., US  
[71] DELTA T CORPORATION, US  
[85] 2016-09-29  
[86] 2015-03-31 (PCT/US2015/023582)  
[87] (WO2015/153604)  
[30] US (61/972,619) 2014-03-31

[21] **2,944,433**  
[13] A1

[51] **Int.Cl. C07D 471/14 (2006.01) A61K 31/4375 (2006.01) A61K 31/519 (2006.01) A61P 29/00 (2006.01) A61P 43/00 (2006.01)**

[25] EN

[54] **TRICYCLIC COMPOUND AND JAK INHIBITOR**

[54] **COMPOSE TRICYCLIQUE ET INHIBITEUR DE JAK**

[72] WATANABE, TSUNEO, JP  
[72] TAKAHASHI, KEIJI, JP  
[72] HAYASHI, KEISHI, JP  
[72] NAKAMURA, TAKANORI, JP  
[72] MINAMI, MASATAKA, JP  
[72] KURIHARA, KAZUNORI, JP  
[72] YAMAMOTO, AKIO, JP  
[72] NISHIMURA, TAKUYA, JP  
[72] UNI, MIYUKI, JP  
[72] KAMIYAMA, TOSHIHIKO, JP  
[72] IWAMOTO, SHUNSUKE, JP  
[71] NISSAN CHEMICAL INDUSTRIES, LTD., JP  
[85] 2016-09-29  
[86] 2015-05-11 (PCT/JP2015/063504)  
[87] (WO2015/174376)  
[30] JP (2014-100712) 2014-05-14

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[21] **2,944,434**  
[13] A1

[51] **Int.Cl. A61M 5/00 (2006.01)**  
[25] EN  
[54] **MEDICAL ACCESS PORT, SYSTEMS AND METHODS OF USE THEREOF**  
[54] **ORIFICE D'ACCES MEDICAL, SYSTEMES ET PROCEDES POUR SON UTILISATION**  
[72] TALLARIDA, STEVEN J., US  
[72] RODGERS, RICHARD P., US  
[72] BUTZIGER, JOHN M., US  
[71] VERSAGO VASCULAR ACCESS, INC., US  
[85] 2016-09-29  
[86] 2015-03-31 (PCT/US2015/023590)  
[87] (WO2015/153611)  
[30] US (14/231,392) 2014-03-31

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[21] **2,944,436**  
[13] A1

[51] **Int.Cl. A61L 27/54 (2006.01) A61F 2/04 (2013.01)**  
[25] EN  
[54] **CONTRACEPTIVE AND RELATED DEVICE**  
[54] **CONTRACEPTIF ET DISPOSITIF ASSOCIE**  
[72] GRAY, KENNETH DAVID, JR., US  
[72] VAUGHN, MICHAEL AARON, US  
[72] HILAS, GEORGIOS THEOFANIS, US  
[71] POLY-MED, INC., US  
[85] 2016-09-29  
[86] 2015-04-01 (PCT/US2015/023958)  
[87] (WO2015/153817)  
[30] US (61/973,816) 2014-04-01

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[21] **2,944,438**  
[13] A1

[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/30 (2006.01) A61K 31/335 (2006.01) A61K 31/337 (2006.01)**  
[25] EN  
[54] **AMORPHOUS SOLID DISPERSION COMPRISING TAXANE, TABLET COMPRISING THE SAME, AND METHOD FOR PREPARING THE SAME**  
[54] **DISPERSION SOLIDE AMORPHE COMPRENANT UN TAXANE, COMPRIME CONTENANT LA DISPERSION, ET METHODE DE PREPARATION ASSOCIEE**  
[72] SRINIVASAN, SHANMUGAM, KR  
[72] IM, HO TAEK, KR  
[72] YOON, YOUNG SU, KR  
[72] KIM, YONG IL, KR  
[72] PARK, JAE HYUN, KR  
[72] WOO, JONG SOO, KR  
[71] HANMI PHARM. CO., LTD., KR  
[85] 2016-09-29  
[86] 2015-03-20 (PCT/KR2015/002756)  
[87] (WO2015/152544)  
[30] KR (PCT/KR2014/002734) 2014-03-31

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[21] **2,944,439**  
[13] A1

[51] **Int.Cl. H01M 8/02 (2016.01) C08K 5/34 (2006.01) C08K 5/3445 (2006.01) C08K 5/3462 (2006.01) C08K 5/49 (2006.01) C08L 71/08 (2006.01) C08L 101/02 (2006.01) H01B 1/06 (2006.01) H01M 8/10 (2016.01)**  
[25] EN  
[54] **POLYMER ELECTROLYTE COMPOSITION AND POLYMER ELECTROLYTE MEMBRANE, POLYMER ELECTROLYTE MEMBRANE WITH CATALYST LAYER, MEMBRANE ELECTRODE ASSEMBLY, AND POLYMER ELECTROLYTE FUEL CELL EACH USING THE SAME**  
[54] **COMPOSITION D'ELECTROLYTE POLYMER, ET MEMBRANE ELECTROLYTE POLYMER, ENSEMBLE MEMBRANE-ELECTROLYTE ET PILE A COMBUSTIBLE A ELECTROLYTE POLYMER SOLIDE L'UTILISANT**  
[72] UMEDA, HIROAKI, JP  
[72] IZUHARA, DAISUKE, JP  
[72] KUNITA, TOMOYUKI, JP  
[71] TORAY INDUSTRIES, INC., JP  
[85] 2016-09-29  
[86] 2015-04-03 (PCT/JP2015/060630)  
[87] (WO2015/156228)  
[30] JP (2014-078401) 2014-04-07

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[21] **2,944,440**  
[13] A1

[51] **Int.Cl. G01R 15/16 (2006.01) G01R 15/24 (2006.01)**  
[25] EN  
[54] **OPTICAL VOLTAGE SENSING FOR UNDERGROUND MEDIUM VOLTAGE WIRES**  
[54] **DETECTION DE TENSION OPTIQUE POUR CABLES SOUTERRAINS MOYENNE TENSION**  
[72] NULTY, GREGORY M., US  
[71] TOLLGRADE COMMUNICATION, INC., US  
[85] 2016-09-29  
[86] 2015-03-31 (PCT/US2015/023467)  
[87] (WO2015/153539)  
[30] US (61/973,007) 2014-03-31

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[21] **2,944,441**  
[13] A1

[51] **Int.Cl. E21B 33/06 (2006.01)**  
[25] EN  
[54] **ROD HANG-OFF SYSTEM**  
[54] **SYSTEME DE SUSPENSION DE TIGE**  
[72] TAN, TENG OON, OM  
[71] CAMERON INTERNATIONAL CORPORATION, US  
[85] 2016-09-29  
[86] 2015-03-27 (PCT/US2015/022937)  
[87] (WO2015/153331)  
[30] US (14/242,541) 2014-04-01

[21] **2,944,442**  
[13] A1

[51] **Int.Cl. B60T 7/12 (2006.01) B60T 17/18 (2006.01) B60T 17/22 (2006.01)**  
[25] EN  
[54] **VEHICLE BRAKE MANAGEMENT DEVICE**  
[54] **DISPOSITIF DE GESTION DE FREIN DE VEHICULE**  
[72] SHIN, HYUN-OH, KR  
[71] SHIN, HYUN-OH, KR  
[85] 2016-09-29  
[86] 2015-03-11 (PCT/KR2015/002330)  
[87] (WO2015/152529)  
[30] KR (10-2014-0038541) 2014-04-01

[21] **2,944,445**  
[13] A1

[51] **Int.Cl. H04N 19/503 (2014.01) H04N 19/176 (2014.01) H04N 19/50 (2014.01)**  
[25] EN  
[54] **INTERLAYER VIDEO DECODING METHOD FOR PERFORMING SUB-BLOCK-BASED PREDICTION AND APPARATUS THEREFOR, AND INTERLAYER VIDEO ENCODING METHOD FOR PERFORMING SUB-BLOCK-BASED PREDICTION AND APPARATUS THEREFOR**  
[54] **PROCEDE DE DECODAGE VIDEO INTERCOUCHE CONCU POUR REALISER UNE PREDICTION BASEE SUR UN SOUS-BLOC, APPAREIL ASSOCIE, PROCEDE DE CODAGE VIDEO INTERCOUCHE CONCU POUR REALISER UNE PREDICTION BASEE SUR UN SOUS-BLOC, ET APPAREIL ASSOCIE**  
[72] PARK, MIN-WOO, KR  
[72] LEE, JIN-YOUNG, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2016-09-29  
[86] 2015-03-31 (PCT/KR2015/003174)  
[87] (WO2015/152608)  
[30] US (61/972,716) 2014-03-31

[21] **2,944,446**  
[13] A1

[51] **Int.Cl. A61K 9/12 (2006.01) A61K 31/65 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR ADMINISTERING AN ACTIVE AGENT TO THE PLEURA OF A PATIENT**  
[54] **PROCEDES ET COMPOSITIONS POUR L'ADMINISTRATION D'UN AGENT ACTIF A UNE PLEVRE D'UN PATIENT**  
[72] LAUB, GLENN W., US  
[71] TDL INNOVATIONS, LLC, US  
[85] 2016-09-29  
[86] 2015-03-31 (PCT/US2015/023468)  
[87] (WO2015/153540)  
[30] US (61/973,703) 2014-04-01

[21] **2,944,447**  
[13] A1

[51] **Int.Cl. E21B 19/16 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR ROTATING A PIPE**  
[54] **APPAREIL DE MISE EN ROTATION DE TUYAU**  
[72] RUSSO, MICHAEL A., US  
[71] HAWK INDUSTRIES, INC., US  
[85] 2016-09-29  
[86] 2015-03-31 (PCT/US2015/023563)  
[87] (WO2015/153591)  
[30] US (61/972,904) 2014-03-31

[21] **2,944,450**  
[13] A1

[51] **Int.Cl. A61K 31/517 (2006.01) A61P 35/00 (2006.01) C07D 239/70 (2006.01) C07D 491/048 (2006.01)**  
[25] EN  
[54] **SUBSTITUTED CYCLOPENTA PYRIMIDINE BICYCLIC COMPOUNDS HAVING ANTIMITOTIC AND/OR ANTITUMOR ACTIVITY AND METHODS OF USE THEREOF**  
[54] **COMPOSES BICYCLIQUES DE CYCLOPENTAPYRIMIDINE SUBSTITUES AYANT UNE ACTIVITE ANTIMITOTIQUE ET/OU ANTITUMORALE ET LEURS METHODES D'UTILISATION**  
[72] GANGJEE, ALEEM, US  
[71] DUQUESNE UNIVERSITY OF THE HOLY SPIRIT, US  
[85] 2016-09-29  
[86] 2015-03-27 (PCT/US2015/022871)  
[87] (WO2015/160489)  
[30] US (14/244,445) 2014-04-03

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[21] **2,944,451**  
[13] A1

[51] **Int.Cl. G06F 9/46 (2006.01) G06F 12/00 (2006.01)**  
[25] EN  
[54] **ATOMIC WRITES FOR MULTIPLE-EXTENT OPERATIONS**  
[54] **ECRITURES ATOMIQUES POUR DES OPERATIONS A MULTIPLES ETENDUES**  
[72] STRAUSS, JACOB A., US  
[72] FRIGO, MATTEO, US  
[72] HAUGLAND, ALEX, US  
[72] OIKARINEN, MATTI JUHANI, US  
[72] VINCENT, PRADEEP, US  
[72] HENDRICKSON, JOSHUA SAMUEL, US  
[71] AMAZON TECHNOLOGIES, INC., US  
[85] 2016-09-29  
[86] 2015-03-31 (PCT/US2015/023664)  
[87] (WO2015/153656)  
[30] US (14/231,077) 2014-03-31

[21] **2,944,452**  
[13] A1

[51] **Int.Cl. A61K 31/519 (2006.01)**  
[25] EN  
[54] **PHARMACOPHORE FOR TRAIL INDUCTION**  
[54] **PHARMACOPHORE POUR L'INDUCTION DE TRAIL**  
[72] JANDA, KIM D., US  
[72] JACOB, NICHOLAS T., US  
[72] LOCKNER, JONATHAN W., US  
[71] THE SCRIPPS RESEARCH INSTITUTE, US  
[85] 2016-09-29  
[86] 2015-03-30 (PCT/US2015/023362)  
[87] (WO2015/153468)  
[30] US (61/972,689) 2014-03-31

[21] **2,944,454**  
[13] A1

[51] **Int.Cl. H01M 4/00 (2006.01) H01M 4/46 (2006.01) H01M 4/48 (2010.01)**  
[25] EN  
[54] **ELECTRODE MATERIALS FOR GROUP II CATION-BASED BATTERIES**  
[54] **MATERIAUX D'ELECTRODE POUR BATTERIES A BASE DE CATIONS DU GROUPE II**  
[72] TAKEUCHI, KENNETH, US  
[72] TAKEUCHI, ESTHER, US  
[72] MARSCHLOK, AMY, US  
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US  
[85] 2016-09-29  
[86] 2015-03-30 (PCT/US2015/023388)  
[87] (WO2015/153485)  
[30] US (61/973,495) 2014-04-01

[21] **2,944,456**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 35/74 (2015.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **USE OF BACTERIA, BACTERIAL PRODUCTS, AND OTHER IMMUNOREGULATORY ENTITIES IN COMBINATION WITH ANTI-CTLA-4 AND/OR ANTI-PD-1 ANTIBODIES TO TREAT SOLID TUMOR MALIGNANCIES**  
[54] **UTILISATION DE BACTERIES, PRODUITS BACTERIENS ET AUTRES ENTITES IMMUNOMODULATRICES EN ASSOCIATION AVEC DES ANTICORPS ANTI-CTLA-4 ET/OU ANTI-PD-1 POUR LE TRAITEMENT DE TUMEURS MALIGNES SOLIDES**  
[72] ZHOU, SHIBIN, US  
[72] VOGELSTEIN, BERT, US  
[72] KINZLER, KENNETH, US  
[72] KIM, KIBEM, US  
[72] SAHA, SAURABH, US  
[71] THE JOHNS HOPKINS UNIVERSITY, US  
[71] BIOMED VALLEY DISCOVERIES, INC., US  
[85] 2016-09-29  
[86] 2015-03-31 (PCT/US2015/023633)  
[87] (WO2015/153639)  
[30] US (61/972,633) 2014-03-31  
[30] US (62/035,291) 2014-08-08

[21] **2,944,458**  
[13] A1

[51] **Int.Cl. G08B 21/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR OUTPUT DISPLAY GENERATION BASED ON AMBIENT CONDITIONS**  
[54] **SYSTEME ET PROCEDE DE GENERATION D'AFFICHAGE DE SORTIE D'APRES DES CONDITIONS AMBIANTES**  
[72] VUKICEVIC, VLADIMIR, US  
[71] MEURAL INC., US  
[85] 2016-09-29  
[86] 2015-03-31 (PCT/US2015/023458)  
[87] (WO2015/153532)  
[30] US (61/972,643) 2014-03-31

[21] **2,944,459**  
[13] A1

[51] **Int.Cl. A23J 3/22 (2006.01)**  
[25] EN  
[54] **GROUND MEAT REPLICAS**  
[54] **SUCCEDANES DE VIANDE HACHEE**  
[72] VARADAN, RANJANI, US  
[72] SOLOMATIN, SERGEY, US  
[72] HOLZ-SCHIETINGER, CELESTE, US  
[72] COHN, ELYSIA, US  
[72] KLAPHOLZ-BROWN, ARIEL, US  
[72] SHIU, JENNIFER WOAN-YI, US  
[72] KALE, ANIKET, US  
[72] KARR, JESSICA, US  
[72] FRASER, RACHEL, US  
[71] IMPOSSIBLE FOODS INC., US  
[85] 2016-09-29  
[86] 2015-03-31 (PCT/US2015/023679)  
[87] (WO2015/153666)  
[30] US (61/973,181) 2014-03-31  
[30] US (62/058,230) 2014-10-01

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[21] **2,944,461**  
[13] A1

[51] **Int.Cl. G06F 12/00 (2006.01) G06F 12/0842 (2016.01) G06F 15/16 (2006.01)**

[25] EN

[54] **SESSION MANAGEMENT IN DISTRIBUTED STORAGE SYSTEMS**

[54] **GESTION DE SESSION DANS DES SYSTEMES DE STOCKAGE DISTRIBUES**

[72] VINCENT, PRADEEP, US

[71] AMAZON TECHNOLOGIES, INC., US

[85] 2016-09-29

[86] 2015-03-31 (PCT/US2015/023669)

[87] (WO2015/153659)

[30] US (14/231,057) 2014-03-31

[21] **2,944,462**  
[13] A1

[51] **Int.Cl. A61K 31/473 (2006.01)**

[25] EN

[54] **NOVEL HDMX INHIBITORS AND THEIR USE FOR CANCER TREATMENT**

[54] **NOUVEAUX INHIBITEURS HDMX ET LEUR UTILISATION DANS LE TRAITEMENT DU CANCER**

[72] WALD, DAVID, US

[72] AGARWAL, MUKESH, US

[72] XIA, ZHIQING, US

[72] KARAN, GOUTAM, US

[72] GUNDLURU, MAHESH K., US

[71] MIRX PHARMACEUTICALS, LLC, US

[85] 2016-09-29

[86] 2015-03-31 (PCT/US2015/023462)

[87] (WO2015/153535)

[30] US (61/972,514) 2014-03-31

[21] **2,944,463**  
[13] A1

[51] **Int.Cl. B61L 25/02 (2006.01)**

[25] EN

[54] **TRAIN DIRECTION DETECTION APPARATUS AND METHOD**

[54] **APPAREIL ET PROCEDE DE DETECTION DE DIRECTION DE TRAIN**

[72] CIPOLLONE, JOHN, US

[72] SMAHA, MARTIN, US

[71] VOSSLOH SIGNALING, INC., US

[85] 2016-09-29

[86] 2015-03-31 (PCT/US2015/023672)

[87] (WO2015/153661)

[30] US (61/973,112) 2014-03-31

[21] **2,944,465**  
[13] A1

[51] **Int.Cl. G01N 29/02 (2006.01) G01F 1/74 (2006.01) G01H 11/08 (2006.01) G01L 11/06 (2006.01) G01N 29/32 (2006.01) G01P 5/24 (2006.01)**

[25] EN

[54] **FLUID SENSOR**

[54] **CAPTEUR DE FLUIDE**

[72] EDWARD, GILES, GB

[72] PARKER, ALAN, GB

[71] M-FLOW TECHNOLOGIES LTD, GB

[85] 2016-09-29

[86] 2015-03-31 (PCT/GB2015/051008)

[87] (WO2015/150801)

[30] GB (1405713.7) 2014-03-31

[21] **2,944,467**  
[13] A1

[51] **Int.Cl. G06Q 50/10 (2012.01) G06Q 50/00 (2012.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR CONDUCTING AN ASSESSMENT**

[54] **PROCEDES ET SYSTEMES PERMETTANT D'EFFECTUER UNE EVALUATION**

[72] CHAPPELL, MICHAEL, AU

[71] CULTURE COUNTS PTY. LTD., AU

[85] 2016-09-29

[86] 2015-03-31 (PCT/IB2015/001105)

[87] (WO2015/150919)

[30] AU (2014/901173) 2014-04-01

[21] **2,944,471**  
[13] A1

[51] **Int.Cl. A61K 9/12 (2006.01) A61K 9/72 (2006.01) A61K 31/4439 (2006.01)**

[25] EN

[54] **NICOTINE FORMULATIONS AND METHODS OF MAKING THE SAME**

[54] **FORMULATIONS DE NICOTINE ET LEURS PROCEDES DE PREPARATION**

[72] STENZLER, ALEX, US

[72] SLUTSKY, ARTHUR, CA

[72] ZAMEL, NOE, CA

[71] SANSА CORPORATION (BARBADOS) INC., BB

[85] 2016-09-29

[86] 2015-04-08 (PCT/IB2015/001327)

[87] (WO2015/173648)

[30] US (61/976,712) 2014-04-08

[21] **2,944,476**  
[13] A1

[51] **Int.Cl. C09B 57/02 (2006.01) A61K 31/37 (2006.01) A61K 31/397 (2006.01) C07D 311/06 (2006.01)**

[25] EN

[54] **AZETIDINE-SUBSTITUTED FLUORESCENT COMPOUNDS**

[54] **COMPOSES FLUORESCENTS A SUBSTITUTION AZETIDINE**

[72] LAVIS, LUKE, D., US

[72] GRIMM, JONATHAN, B., US

[72] CHEN, JIJI, US

[72] LIONETTE, TIMOTHEE, US

[72] ZHANG, ZHENGJIAN, US

[72] REVYAKIN, AUDREY, US

[72] SLAUGHTER, JOEL, US

[71] HOWARD HUGHES MEDICAL INSTITUTE, US

[85] 2016-09-29

[86] 2015-04-01 (PCT/US2015/023953)

[87] (WO2015/153813)

[30] US (61/973,795) 2014-04-01

[30] US (61/991,109) 2014-05-09

[21] **2,944,479**  
[13] A1

[51] **Int.Cl. A61K 31/70 (2006.01) A61K 38/00 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **AUTOIMMUNITY AND MULTIPLE SCLEROSIS TREATMENT**

[54] **TRAITEMENT DE L'AUTO-IMMUNITE ET DE LA SCLEROSE EN PLAQUES**

[72] LONGO, VALTER D., US

[72] CHOI, IN YOUNG, US

[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US

[85] 2016-09-29

[86] 2015-04-02 (PCT/US2015/024021)

[87] (WO2015/153850)

[30] US (61/974,189) 2014-04-02

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[21] **2,944,480**  
[13] A1

[51] **Int.Cl. A61L 31/10 (2006.01) A61F 2/04 (2013.01) A61K 9/70 (2006.01)**

[25] EN

[54] **LOCAL DRUG DELIVERY DEVICES AND METHODS FOR TREATING CANCER**

[54] **DISPOSITIFS ET PROCEDES D'ADMINISTRATION DE MEDICAMENT LOCALE POUR TRAITER UN CANCER**

[72] INDOLFI, LAURA, US

[72] EDELMAN, ELAZER R., US

[72] LANGER, ROBERT S., US

[72] CLARK, JEFFREY W., US

[72] TING, DAVID T., US

[72] FERRONE, CRISTINA ROSA ANNAMARIA, US

[72] LIGORIO, MATTEO, US

[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US

[71] THE GENERAL HOSPITAL CORPORATION, US

[85] 2016-09-29

[86] 2014-04-10 (PCT/US2014/033671)

[87] (WO2014/169137)

[30] US (61/810,543) 2013-04-10

[21] **2,944,481**  
[13] A1

[51] **Int.Cl. E04B 1/74 (2006.01) E04B 1/76 (2006.01) E21B 12/00 (2006.01)**

[25] EN

[54] **INSULATION ENCLOSURE WITH VARYING THERMAL PROPERTIES**

[54] **ENCEINTE D'ISOLATION A PROPRIETES THERMIQUES VARIABLES**

[72] COOK, GRANT O., III, US

[72] THOMAS, JEFF G., US

[72] OWNBY, CLAYTON A., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-09-29

[86] 2014-06-25 (PCT/US2014/043984)

[87] (WO2015/199665)

[21] **2,944,483**  
[13] A1

[51] **Int.Cl. E04B 1/74 (2006.01) E21B 12/00 (2006.01)**

[25] EN

[54] **INSULATION ENCLOSURE INCORPORATING RIGID INSULATION MATERIALS**

[54] **ENVELOPPE D'ISOLATION INCORPORANT DES MATERIAUX D'ISOLATION RIGIDES**

[72] OWNBY, CLAYTON A., US

[72] THOMAS, JEFFREY G., US

[72] CLARK, MICHAEL, US

[72] JOY, RONALD, US

[72] COOK, GRANT O., III, US

[72] OLSEN, GARRETT T., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-09-29

[86] 2014-06-25 (PCT/US2014/043995)

[87] (WO2015/199668)

[21] **2,944,485**  
[13] A1

[51] **Int.Cl. D01F 1/10 (2006.01)**

[25] EN

[54] **COOLING MATERIAL**

[54] **MATERIAU DE REFROIDISSEMENT**

[72] BLACKFORD, MICHAEL "WOODY", E., US

[72] SKANKEY, WAYNE ALAN, US

[72] MERGY, JEFFREY THOMAS, US

[72] GATES, CRAIG, US

[71] COLUMBIA SPORTSWEAR NORTH AMERICA, INC., US

[85] 2016-09-29

[86] 2015-04-02 (PCT/US2015/024176)

[87] (WO2015/153926)

[30] US (61/974,010) 2014-04-02

[21] **2,944,486**  
[13] A1

[51] **Int.Cl. G06Q 50/30 (2012.01) G06Q 50/10 (2012.01)**

[25] EN

[54] **ELICITING USER SHARING OF CONTENT**

[54] **INCITATION AU PARTAGE DE CONTENU PAR DES UTILISATEURS**

[72] TOON, JONATHAN E., US

[72] SHEIN, DAVID, US

[72] FILNER, AARON SAMUEL, US

[72] NAQUIN, DEVIN, US

[72] SRINIVASAN, SUNDHAR RAM, US

[71] FACEBOOK, INC., US

[85] 2016-09-29

[86] 2014-12-02 (PCT/US2014/067990)

[87] (WO2015/160384)

[30] US (61/979,966) 2014-04-15

[30] US (14/546,287) 2014-11-18

[21] **2,944,487**  
[13] A1

[51] **Int.Cl. B60R 21/20 (2011.01) F15B 15/20 (2006.01)**

[25] EN

[54] **PNEUMATIC ACTUATORS**

[54] **ACTIONNEURS PNEUMATIQUES**

[72] VAN BUSKIRK, LOYD, US

[72] MELDAHL, BRIAN, US

[72] VAN BUSKIRK, DYLAN, US

[71] L & B MANUFACTURING, INC., US

[85] 2016-09-29

[86] 2014-12-18 (PCT/US2014/071084)

[87] (WO2015/160387)

[30] US (14/251,837) 2014-04-14

[21] **2,944,488**  
[13] A1

[51] **Int.Cl. C12M 1/34 (2006.01) C40B 60/12 (2006.01) G01N 21/75 (2006.01) G01N 33/52 (2006.01) G01N 33/538 (2006.01) G01N 33/543 (2006.01) G01N 33/558 (2006.01)**

[25] EN

[54] **IMMUNOASSAY UTILIZING TRAPPING CONJUGATE**

[54] **IMMUNOESSAI UTILISANT UN CONJUGUE DE PIEGEAGE**

[72] ESFANDIARI, JAVANBAKHS, US

[71] CHEMBIO DIAGNOSTIC SYSTEMS, INC., US

[85] 2016-09-29

[86] 2015-02-25 (PCT/US2015/017480)

[87] (WO2015/153018)

[30] US (61/974,060) 2014-04-02

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[21] **2,944,489**  
[13] A1

[51] **Int.Cl. A61G 1/02 (2006.01) A61G 1/056 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR AUTOMATICALLY ARTICULATING COTS**

[54] **PROCEDES ET SYSTEMES PERMETTANT D'ARTICULER AUTOMATIQUEMENT DES CIVIERES**

[72] BOURGRAFF, JOSEPH G., US  
[72] MAGILL, BRIAN MICHAEL, US  
[71] FERNO-WASHINGTON, INC., US  
[85] 2016-09-29  
[86] 2015-04-03 (PCT/US2015/024192)  
[87] (WO2015/153936)  
[30] US (61/975,441) 2014-04-04

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[21] **2,944,493**  
[13] A1

[51] **Int.Cl. B60K 15/035 (2006.01) B60K 15/04 (2006.01)**

[25] EN

[54] **INTEGRATED FUEL TANK VENT AND SHUTOFF VALVE**

[54] **EVENT ET VANNE D'ARRET INTEGRES DE RESERVOIR DE RESERVOIR DE CARBURANT**

[72] BALLARD, MARK PAUL, US  
[72] BALLARD, CARL PAUL, US  
[72] KENDRICK, JOHN TRENT, US  
[71] FLOMAX INTERNATIONAL, INC., US  
[85] 2016-09-29  
[86] 2015-03-31 (PCT/US2015/023717)  
[87] (WO2015/153687)  
[30] US (61/972,935) 2014-03-31

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[21] **2,944,494**  
[13] A1

[51] **Int.Cl. E21B 17/18 (2006.01) E21B 43/08 (2006.01)**

[25] EN

[54] **TUBULAR FLOW CONTROL APPARATUS AND METHOD OF PACKING PARTICULATES USING A SLURRY**

[54] **APPAREIL DE REGULATION DE DEBIT TUBULAIRE ET PROCEDE D'EMBALLAGE DE PARTICULES EN UTILISANT UNE BOUE LIQUIDE**

[72] SIMONEAUX, DON N., US  
[72] TURICK, DANIEL J., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2016-09-29  
[86] 2015-03-19 (PCT/US2015/021469)  
[87] (WO2015/164003)  
[30] US (61/982,057) 2014-04-21

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[21] **2,944,508**  
[13] A1

[51] **Int.Cl. E21B 43/267 (2006.01) C09K 8/80 (2006.01) C09K 8/88 (2006.01)**

[25] EN

[54] **METHOD OF CHEMICALLY INCREASING THE EFFICIENCY OF PEROXYGEN BASED VISCOSITY REDUCTION REACTIONS**

[54] **PROCEDE PERMETTANT D'AUGMENTER CHIMIQUEMENT L'EFFICACITE DE REACTIONS DE REDUCTION DE VISCOSITE**

[72] MOHS, ADAM, US  
[72] BAURES, MARC, US  
[72] KINSMAN, LARRY, US  
[71] ORIN TECHNOLOGIES, LLC., US  
[85] 2016-09-29  
[86] 2015-04-03 (PCT/US2015/024193)  
[87] (WO2015/153937)  
[30] US (61/974,551) 2014-04-03  
[30] US (62/128,612) 2015-03-05

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[21] **2,944,509**  
[13] A1

[51] **Int.Cl. G01N 33/569 (2006.01) A61K 39/00 (2006.01) A61K 39/12 (2006.01) A61K 39/38 (2006.01) C12Q 1/04 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR IDENTIFYING EHRlichia SPECIES**

[54] **COMPOSITIONS ET PROCEDES POUR L'IDENTIFICATION D'ESPECES D'EHRlichia**

[72] MEHRA, RAJESH K., US  
[72] WALKER, JEREMY D., US  
[72] ARON, KENNETH P., US  
[72] BLEILE, DENNIS M., US  
[72] CUESICO, CRISTINA R., US  
[72] FORSYTH, TIMOTHY P., US  
[71] ABAXIS, INC., US  
[85] 2016-09-29  
[86] 2015-04-03 (PCT/US2015/024208)  
[87] (WO2015/153949)  
[30] US (61/975,581) 2014-04-04

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[21] **2,944,510**  
[13] A1

[51] **Int.Cl. A61K 31/519 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01)**

[25] EN

[54] **SUBSTITUTED BICYCLIC PYRIMIDINE COMPOUNDS WITH TUBULIN AND MULTIPLE RECEPTOR INHIBITION**

[54] **COMPOSES DE PYRIMIDINE BICYCLIQUES SUBSTITUES PAR DE LA TUBULINE ET INHIBITION DE MULTIPLES RECEPTEURS**

[72] GANGJEE, ALEEM, US  
[71] DUQUESNE UNIVERSITY OF THE HOLY SPIRIT, US  
[85] 2016-09-29  
[86] 2015-04-03 (PCT/US2015/024216)  
[87] (WO2015/153955)  
[30] US (61/975,089) 2014-04-04

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[13] A1

[51] **Int.Cl. E21B 23/01 (2006.01) E21B 33/129 (2006.01)**  
[25] EN  
[54] **RELATIVELY MOVABLE SLIP BODY AND WICKER FOR ENHANCED RELEASE CAPABILITY**  
[54] **CORPS DE COIN DE RETENUE ET ELEMENT DE RETENUE MOBILES L'UN PAR RAPPORT A L'AUTRE POUR UNE CAPACITE DE DEGAGEMENT AMELIOREE**  
[72] LEMM, WILLIAM C., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2016-09-29  
[86] 2015-04-04 (PCT/US2015/024392)  
[87] (WO2015/157129)  
[30] US (14/249,682) 2014-04-10

[21] **2,944,512**  
[13] A1

[51] **Int.Cl. A61K 31/4985 (2006.01) C07D 471/14 (2006.01)**  
[25] EN  
[54] **ORGANIC COMPOUNDS COMPOSES ORGANIQUES**  
[72] MATES, SHARON, US  
[72] LI, PENG, US  
[72] WENNOGLE, LAWRENCE P., US  
[72] DAVIS, ROBERT, US  
[71] INTRA-CELLULAR THERAPIES, INC., US  
[85] 2016-09-29  
[86] 2015-04-03 (PCT/US2015/024340)  
[87] (WO2015/154025)  
[30] US (61/975,610) 2014-04-04

[21] **2,944,513**  
[13] A1

[51] **Int.Cl. A61F 9/01 (2006.01) A61F 9/007 (2006.01)**  
[25] EN  
[54] **INTRAOCULAR LENS INSERTER DISPOSITIF D'INSERTION DE LENTILLE INTRA-OCULAIRE**  
[72] AULD, JACK R., US  
[72] HUCULAK, JOHN C., US  
[72] MCCAWLEY, MATTHEW DOUGLAS, US  
[72] FLOWERS, MATTHEW BRADEN, US  
[71] ALTAVIZ, LLC, US  
[85] 2016-09-29  
[86] 2015-04-03 (PCT/US2015/024375)  
[87] (WO2015/154049)  
[30] US (61/975,661) 2014-04-04

[21] **2,944,514**  
[13] A1

[51] **Int.Cl. E21B 19/08 (2006.01) B66D 5/00 (2006.01) B66F 11/04 (2006.01) E21B 3/04 (2006.01) E21B 7/02 (2006.01) E21B 15/00 (2006.01) E21B 17/00 (2006.01) E21B 19/24 (2006.01)**  
[25] EN  
[54] **ROD ROTATION APPARATUS APPAREIL DE ROTATION DE TIGE**  
[72] PITCHER, IAN, AU  
[71] DRILL RIG SPARES PTY LTD, AU  
[85] 2016-09-30  
[86] 2015-04-28 (PCT/AU2015/000252)  
[87] (WO2015/164911)  
[30] AU (2014901529) 2014-04-28

[21] **2,944,515**  
[13] A1

[51] **Int.Cl. E21B 23/01 (2006.01) E21B 17/00 (2006.01)**  
[25] EN  
[54] **SLIP RELEASE ASSEMBLY WITH CONE UNDERMINING FEATURE**  
[54] **ENSEMBLE LIBERATION DE COIN DE RETENUE AYANT UNE FONCTION DE SAPEMENT DE CONE**  
[72] LEMM, WILLIAM C., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2016-09-29  
[86] 2015-04-04 (PCT/US2015/024394)  
[87] (WO2015/160539)  
[30] US (61/979,751) 2014-04-15  
[30] US (14/609,124) 2015-01-29

[21] **2,944,517**  
[13] A1

[51] **Int.Cl. A61K 31/343 (2006.01) A61P 35/02 (2006.01)**  
[25] EN  
[54] **METHOD FOR TREATING CHRONIC LYMPHOCYTIC LEUKEMIA**  
[54] **METHODE DE TRAITEMENT DE LA LEUCEMIE LYMPHOCYTAIRE CHRONIQUE**  
[72] EASTMAN, ALAN, R., US  
[72] BATES, DARCY, US  
[71] BIONOMICS LIMITED, AU  
[85] 2016-09-30  
[86] 2014-04-04 (PCT/AU2014/000360)  
[87] (WO2015/149105)

[21] **2,944,518**  
[13] A1

[51] **Int.Cl. G06Q 50/10 (2012.01) G06Q 10/10 (2012.01) H04L 12/16 (2006.01)**  
[25] EN  
[54] **ONLINE MATCHMAKING METHOD AND SYSTEM**  
[54] **PROCEDE ET SYSTEME DE RENCONTRE EN LIGNE PAR AFFINITES**  
[72] MILLERSHIP, JAMES, CA  
[72] MILLER, SEAN, CA  
[72] THODY, ADAM, CA  
[71] FACE TO FACE TECHNOLOGIES INC., CA  
[85] 2016-09-30  
[86] 2015-03-31 (PCT/CA2015/050248)  
[87] (WO2016/000069)  
[30] US (61/972,929) 2014-03-31

[21] **2,944,519**  
[13] A1

[51] **Int.Cl. A61H 31/02 (2006.01)**  
[25] EN  
[54] **NEONATAL CHEST SPLINT FOR APPLYING NEGATIVE DISTENDING PRESSURE**  
[54] **ATTELLE DE POITRINE NEONATALE POUR APPLIQUER UNE PRESSION DE DISTENSION NEGATIVE**  
[72] PALMER, CHARLES, US  
[71] THE PENN STATE RESEARCH FOUNDATION, US  
[85] 2016-09-29  
[86] 2015-04-06 (PCT/US2015/024472)  
[87] (WO2015/157154)  
[30] US (61/976,095) 2014-04-07

[21] **2,944,520**  
[13] A1

[51] **Int.Cl. G01R 21/133 (2006.01) G01R 22/00 (2006.01) G08C 17/02 (2006.01) H04L 12/28 (2006.01)**  
[25] EN  
[54] **WIRELESS POWER METERING AND METRICS**  
[54] **COMPTAGE DE COURANT SANS FIL ET METRIQUES**  
[72] DAVIS, BARRIE, AU  
[72] DAVIS, BENJAMIN, AU  
[71] KORTEK INDUSTRIES PTY LTD, AU  
[85] 2016-09-30  
[86] 2015-03-30 (PCT/AU2015/050136)  
[87] (WO2015/149122)  
[30] AU (2014901157) 2014-03-31

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[21] **2,944,521**  
[13] A1

[51] **Int.Cl. C10M 107/42 (2006.01) B21B 1/40 (2006.01) B21B 33/00 (2006.01) H01M 4/04 (2006.01)**

[25] EN

[54] **POLYMERS AND THE USE THEREOF AS LUBRICATING AGENTS IN THE PRODUCTION OF ALKALI METAL FILMS**

[54] **POLYMERES ET LEUR UTILISATION COMME AGENTS LUBRIFIANTS DANS LA PRODUCTION DE FILMS DE METAUX ALCALINS**

[72] ZAGHIB, KARIM, CA

[72] ARMAND, MICHEL, FR

[72] BOUCHARD, PATRICK, CA

[72] VERREAULT, SERGE, CA

[72] HAMEL-PAQUET, JULIE, CA

[72] GIRARD, GABRIEL, CA

[71] HYDRO-QUEBEC, CA

[85] 2016-09-30

[86] 2015-03-31 (PCT/CA2015/050256)

[87] (WO2015/149173)

[30] US (61/973,493) 2014-04-01

[21] **2,944,523**  
[13] A1

[51] **Int.Cl. B01D 61/24 (2006.01) B01D 61/42 (2006.01) B01D 61/46 (2006.01) C02F 1/44 (2006.01) C02F 1/469 (2006.01) C25B 1/04 (2006.01)**

[25] EN

[54] **CONVERSION OF GAS AND TREATMENT OF A SOLUTION**

[54] **CONVERSION DE GAZ ET TRAITEMENT D'UNE SOLUTION**

[72] WILKINSON, DAVID, CA

[72] BONAKDARPOUR, ARMAN, CA

[72] LAM, ALFRED, CA

[72] DARA, MOHAMMAD SAAD, CA

[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA

[85] 2016-09-30

[86] 2015-04-02 (PCT/CA2015/050273)

[87] (WO2015/149185)

[30] US (61/974,280) 2014-04-02

[21] **2,944,525**  
[13] A1

[51] **Int.Cl. A61F 5/56 (2006.01)**

[25] EN

[54] **BREATHING ASSIST DEVICE**

[54] **DISPOSITIF D'ASSISTANCE RESPIRATOIRE**

[72] HART, CHRISTOPHER PATRICK, AU

[72] NGUYEN, VU THUA, AU

[72] ANDERSON, NEIL, AU

[72] FRASER, DARREN, AU

[72] SLATER, MICHAEL LEIGH, AU

[72] GULIZIA, STEFAN, AU

[71] OVENTUS MEDICAL LIMITED, AU

[85] 2016-09-30

[86] 2015-03-31 (PCT/AU2015/050144)

[87] (WO2015/149127)

[30] AU (2014901181) 2014-04-01

[30] AU (2014901655) 2014-05-06

[30] AU (2014903083) 2014-08-08

[21] **2,944,526**  
[13] A1

[51] **Int.Cl. H03K 17/975 (2006.01)**

[25] EN

[54] **CAPACITIVE TOUCH SENSOR**

[54] **CAPTEUR TACTILE**

[72] ZHANG, MEI, CN

[72] ZHAO, HENG, CN

[72] XU, YINGXUE, CN

[72] SHEN, KAI, CN

[72] LIU, CHENGJUN, CN

[72] GE, MENG, CN

[71] MICRO MOTION, INC., US

[85] 2016-09-30

[86] 2014-04-03 (PCT/CN2014/074715)

[87] (WO2015/149324)

[21] **2,944,528**  
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/02 (2006.01)**

[25] EN

[54] **CD33 SPECIFIC CHIMERIC ANTIGEN RECEPTORS FOR CANCER IMMUNOTHERAPY**

[54] **RECEPTEURS D'ANTIGENES CHIMERIQUES SPECIFIQUES A CD33 POUR L'IMMUNOTHERAPIE DU CANCER**

[72] GALETTO, ROMAN, FR

[71] CELLECTIS, FR

[85] 2016-09-30

[86] 2015-04-02 (PCT/EP2015/057331)

[87] (WO2015/150526)

[30] DK (PA201470171) 2014-04-03

[21] **2,944,530**  
[13] A1

[51] **Int.Cl. G21C 21/16 (2006.01) G21C 3/64 (2006.01)**

[25] EN

[54] **CERAMIC NUCLEAR FUEL DISPERSED IN A METALLIC ALLOY MATRIX**

[54] **COMBUSTIBLE NUCLEAIRE EN CERAMIQUE DISPERSE DANS UNE MATRICE EN ALLIAGE METALLIQUE**

[72] WALTERS, LEON C., US

[71] ADVANCED REACTOR CONCEPTS LLC, US

[85] 2016-09-29

[86] 2015-04-07 (PCT/US2015/024714)

[87] (WO2015/160571)

[30] US (61/979,260) 2014-04-14

[21] **2,944,533**  
[13] A1

[51] **Int.Cl. A61G 9/00 (2006.01)**

[25] EN

[54] **INNER BOWL OF NURSING CARE MACHINE OPERATING HEAD, AND NURSING CARE MACHINE**

[54] **CUVE INTERNE D'ACTIONNEUR DE MACHINE DE SOINS INFIRMIERS, ET MACHINE DE SOINS INFIRMIERS**

[72] LU, WEIDONG, CN

[72] SANG, SHUHUA, CN

[72] YUAN, FENGQIANG, CN

[72] SONG, QIANG, CN

[72] LI, ZHOUE, CN

[71] SUZHOU ALTON ELECTRICAL & MECHANICAL INDUSTRY CO., LTD., CN

[85] 2016-09-30

[86] 2015-04-03 (PCT/CN2015/075853)

[87] (WO2015/149716)

[30] CN (201420163666.4) 2014-04-04

[30] CN (201420163938.0) 2014-04-04

[30] CN (201420164496.1) 2014-04-04

[30] CN (201420164829.0) 2014-04-04

[30] CN (201420164423.2) 2014-04-04

[30] CN (201420271940.X) 2014-05-26

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[13] A1

[51] **Int.Cl. A61G 9/00 (2006.01) A61G 9/02 (2006.01) A61G 12/00 (2006.01) C02F 1/32 (2006.01) C02F 9/08 (2006.01) F24H 1/10 (2006.01) F24H 9/18 (2006.01) F24H 9/20 (2006.01)**

[25] EN

[54] **CIRCULATED HOT WATER NURSING CARE MACHINE**

[54] **MACHINE DE SOINS INFIRMIERS A EAU CHAUDE EN CIRCULATION**

[72] LU, WEIDONG, CN  
[72] SANG, SHUHUA, CN  
[72] TAN, JIANJUN, CN  
[72] SONG, QIANG, CN  
[72] LI, ZHOUE, CN  
[71] SUZHOU ALTON ELECTRICAL & MECHANICAL INDUSTRY CO., LTD., CN

[85] 2016-09-30  
[86] 2015-04-03 (PCT/CN2015/075854)  
[87] (WO2015/149717)  
[30] CN (201420164423.2) 2014-04-04  
[30] CN (201420164011.9) 2014-04-04  
[30] CN (201420164830.3) 2014-04-04  
[30] CN (201420164043.9) 2014-04-04  
[30] CN (201420271940.X) 2014-05-26

[21] **2,944,539**  
[13] A1

[51] **Int.Cl. C07K 16/00 (2006.01)**

[25] EN

[54] **SITE-SPECIFIC ANTIBODY-DRUG GLYCOCONJUGATES AND METHODS**

[54] **GLYCOCONJUGUES ANTICORPS-MEDICAMENT SPECIFIQUES D'UN SITE ET PROCEDES**

[72] BOONS, GEERT-JAN, US  
[71] UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC., US

[85] 2016-09-29  
[86] 2015-04-08 (PCT/US2015/024969)  
[87] (WO2015/157446)  
[30] US (61/976,853) 2014-04-08

[21] **2,944,547**  
[13] A1

[51] **Int.Cl. H01M 12/06 (2006.01) C01D 1/28 (2006.01) H01M 6/50 (2006.01)**

[25] EN

[54] **METHOD FOR REGENERATING ALKALINE SOLUTIONS**

[54] **PROCEDE DE REGENERATION DE SOLUTIONS ALCALINES**

[72] YAKUPOV, ILYA, IL  
[72] DANINO, AVIEL, IL  
[71] PHINERGY LTD., IL

[85] 2016-09-30  
[86] 2015-04-02 (PCT/IL2015/050364)  
[87] (WO2015/151108)  
[30] US (61/974,454) 2014-04-03

[21] **2,944,550**  
[13] A1

[51] **Int.Cl. C07K 7/62 (2006.01) A61K 38/12 (2006.01) A61P 31/04 (2006.01)**

[25] EN

[54] **POLYMYXIN DERIVATIVES AS ANTIMICROBIAL COMPOUNDS**

[54] **DERIVES DE POLYMYXINE UTILISES COMME COMPOSES ANTIMICROBIENS**

[72] LI, JIAN, AU  
[72] NATION, ROGER, AU  
[72] VELKOV, TONY, AU  
[72] THOMPSON, PHILIP, AU  
[72] ROBERTS, KADE D., AU  
[71] MONASH UNIVERSITY, AU

[85] 2016-09-30  
[86] 2015-04-01 (PCT/AU2015/050149)  
[87] (WO2015/149131)  
[30] AU (2014901182) 2014-04-01

[21] **2,944,551**  
[13] A1

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

[25] EN

[54] **METHODS AND COMPOSITIONS FOR PREDICTING TOBACCO USE**

[54] **PROCEDES ET COMPOSITIONS POUR PREDIRE L'USAGE DU TABAC**

[72] PHILIBERT, ROBERT, US  
[72] TODOROV, ALEXANDRE, US  
[71] PHILIBERT, ROBERT, US  
[71] TODOROV, ALEXANDRE, US

[85] 2016-09-30  
[86] 2015-04-03 (PCT/IB2015/052470)  
[87] (WO2015/155660)  
[30] US (61/976,581) 2014-04-08

[21] **2,944,553**  
[13] A1

[51] **Int.Cl. A61K 8/42 (2006.01) A61K 31/164 (2006.01) A61P 17/00 (2006.01) A61P 43/00 (2006.01) A61Q 19/00 (2006.01) A61Q 19/02 (2006.01)**

[25] EN

[54] **MELANOGENESIS INHIBITOR COMPRISING D-PANTOTHENYL ALCOHOL, AND SKIN-WHITENING COSMETIC CONTAINING SAME**

[54] **MELANOGENESIS INHIBITOR**

[54] **INHIBITEUR DE LA MELANOGENESE COMPRENANT DE L'ALCOOL D-PANTOTHENYLIQUE, ET PRODUIT COSMETIQUE DE BLANCHIMENT DE LA PEAU CONTENANT LEDIT INHIBITEUR**

[72] KONDO, CHIHIRO, JP  
[72] SASSA, SHOKO, JP  
[72] SAITOH, YUKO, JP  
[72] MORI, YASUHIRO, JP  
[72] YOKOYAMA, KOUJI, JP  
[71] POLA CHEMICAL INDUSTRIES, INC., JP

[85] 2016-09-30  
[86] 2015-04-02 (PCT/JP2015/060519)  
[87] (WO2015/152384)  
[30] JP (2014-076693) 2014-04-03

[21] **2,944,554**  
[13] A1

[51] **Int.Cl. A61K 38/50 (2006.01) A61P 19/02 (2006.01) A61P 25/00 (2006.01) A61P 37/00 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS FOR MODULATING THE IMMUNE SYSTEM WITH ARGINASE I**

[54] **METHODES ET COMPOSITIONS POUR LA MODULATION DU SYSTEME IMMUNITAIRE A L'AIDE DE L'ARGINASE I**

[72] SCHABBAUER, GERNOT, AT  
[72] BLUML, STEPHEN, AT  
[72] SAHIN, EMINE, AT  
[72] CHENG, PAUL, CN  
[72] CHEN, LI, CN  
[71] BIO-CANCER TREATMENT INTERNATIONAL LIMITED, CN

[85] 2016-09-30  
[86] 2015-04-28 (PCT/CN2015/077654)  
[87] (WO2015/165374)  
[30] US (61/985,924) 2014-04-29

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[13] A1

[51] **Int.Cl. F03G 3/00 (2006.01)**  
[25] EN  
[54] **ROTARY DRIVING APPARATUS  
DISPOSITIF D'ENTRAINEMENT  
EN ROTATION**  
[72] ISHIDA, SHOJI, JP  
[71] LEAD CO., LTD., JP  
[85] 2016-09-30  
[86] 2015-04-22 (PCT/JP2015/062229)  
[87] (WO2015/166856)  
[30] JP (2014-092166) 2014-04-27  
[30] JP (2015-082295) 2015-04-14

[21] **2,944,561**  
[13] A1

[51] **Int.Cl. A61K 9/16 (2006.01) A61K  
31/00 (2006.01)**  
[25] EN  
[54] **PREPARATION OF PEPTIDE  
LOADED PLGA MICROSPHERES  
WITH CONTROLLED RELEASE  
CHARACTERISTICS**  
[54] **PREPARATION DE  
MICROSPHERES DE PLGA  
CHARGEES EN PEPTIDES AYANT  
DES CARACTERISTIQUES DE  
LIBERATION CONTROLEE**  
[72] KARAVAS, EVANGELOS, GR  
[72] KOUTRIS, EFTHYMOS, GR  
[72] MINIOTI, KATERINA, GR  
[72] CHAITIDOU, SOTIRIA, GR  
[72] PAPANIKOLAOU, GEORGIA, GR  
[72] MANTOURLIAS, THEOFANIS, GR  
[71] PHARMATHEN S.A., GR  
[85] 2016-09-30  
[86] 2014-03-31 (PCT/EP2014/000858)  
[87] (WO2015/149820)

[21] **2,944,562**  
[13] A1

[51] **Int.Cl. B60N 2/58 (2006.01) B60N 2/60  
(2006.01)**  
[25] EN  
[54] **A REMOVABLE CAR SEAT  
COVER HAVING A  
PREDETERMINED PRE-  
WEAKENED FAILURE ZONE OF  
A KNOWN BURSTING STRENGTH  
FOR FACILITATING RELIABLE  
AIRBAG DEPLOYMENT**  
[54] **REVETEMENT DE SIEGE DE  
VOITURE AMOVIBLE  
COMPORTANT UNE ZONE DE  
RUPTURE PRE-AFFAIBLIE  
PREDETERMINEE PRESENTANT  
UNE RESISTANCE A  
L'ECLATEMENT CONNUE POUR  
FACILITER LE DEPLOIEMENT  
FIABLE D'UN COUSSIN DE  
SECURITE GONFLABLE**  
[72] VIJAYAN, ARUN, AU  
[72] JADHAV, AMIT, AU  
[72] PADHYE, RAJIV, AU  
[71] WHO-RAE PTY LTD, AU  
[85] 2016-09-30  
[86] 2015-04-10 (PCT/AU2015/050164)  
[87] (WO2015/154147)  
[30] AU (2014901323) 2014-04-10  
[30] AU (PCT/AU2014/050301) 2014-10-23

[21] **2,944,564**  
[13] A1

[51] **Int.Cl. H04J 11/00 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
CANCELLING INTERFERENCE  
AND RECEIVING SIGNAL IN  
WIRELESS COMMUNICATION  
SYSTEM**  
[54] **PROCEDE ET APPAREIL  
D'ANNULATION DE  
BROUILLAGE ET DE RECEPTION  
DE SIGNAL DANS UN SYSTEME  
DE COMMUNICATION SANS FIL**  
[72] KIM, HYUNGTAE, KR  
[72] KIM, KIJUN, KR  
[72] AHN, JOONKUI, KR  
[72] KIM, BYOUNGHOON, KR  
[72] PARK, HANJUN, KR  
[72] LEE, HYUNHO, KR  
[71] LG ELECTRONICS INC., KR  
[85] 2016-09-30  
[86] 2015-05-18 (PCT/KR2015/004953)  
[87] (WO2015/174802)  
[30] US (61/994,132) 2014-05-16  
[30] US (62/000,493) 2014-05-19  
[30] US (62/004,856) 2014-05-29  
[30] US (62/039,925) 2014-08-21

[21] **2,944,566**  
[13] A1

[51] **Int.Cl. H04L 12/851 (2013.01) H04L  
12/715 (2013.01) H04L 12/721  
(2013.01) H04L 12/813 (2013.01)  
H04L 29/08 (2006.01)**  
[25] EN  
[54] **HANDLING OF TRAFFIC FLOWS  
IN A COMMUNICATIONS  
SYSTEM**  
[54] **TRAITEMENT DES FLUX DE  
TRAFIC DANS UN SYSTEME DE  
COMMUNICATION**  
[72] BACKMAN, JAN, SE  
[72] GARNEIJ, FREDRIK, SE  
[71] TELEFONAKTIEBOLAGET LM  
ERICSSON (PUBL), SE  
[85] 2016-09-30  
[86] 2014-03-31 (PCT/EP2014/056426)  
[87] (WO2015/149831)

[21] **2,944,568**  
[13] A1

[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q  
40/00 (2012.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS  
RELATING TO AUTO-  
GENERATED PRIVATE  
COMMUNITIES**  
[54] **PROCEDES ET SYSTEMES LIES  
AUX COMMUNAUTES PIVEES  
AUTO-GENEREES**  
[72] DARESHANI, NAJMUS SAQIB, CA  
[71] MOBILITHINK SOLUTIONS INC.,  
CA  
[85] 2016-09-30  
[86] 2015-03-31 (PCT/CA2015/000222)  
[87] (WO2015/149156)  
[30] US (61/972,581) 2014-03-31

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[13] A1

[51] **Int.Cl. H04N 7/08 (2006.01) H04J 11/00 (2006.01) H04N 7/01 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR TRANSMITTING BROADCAST SIGNALS, APPARATUS FOR RECEIVING BROADCAST SIGNALS, METHOD FOR TRANSMITTING BROADCAST SIGNALS AND METHOD FOR RECEIVING BROADCAST SIGNALS**  
[54] **DISPOSITIF ET PROCEDE DE TRANSMISSION DE SIGNAL DE RADIODIFFUSION ET DISPOSITIF ET PROCEDE DE RECEPTION DE SIGNAL DE RADIODIFFUSION**  
[72] BAEK, JONGSEOB, KR  
[72] KO, WOOSUK, KR  
[72] HONG, SUNGRYONG, KR  
[71] LG ELECTRONICS INC., KR  
[85] 2016-09-30  
[86] 2015-04-07 (PCT/KR2015/003448)  
[87] (WO2015/156568)  
[30] US (61/977,074) 2014-04-08

[21] **2,944,570**  
[13] A1

[51] **Int.Cl. A61K 31/196 (2006.01) A61K 31/341 (2006.01) A61K 31/381 (2006.01) A61K 31/44 (2006.01) A61P 31/12 (2006.01)**  
[25] EN  
[54] **ANTI-INFLAMMATORY AGENTS AS VIROSTATIC COMPOUNDS**  
[54] **AGENTS ANTI-INFLAMMATOIRES UTILISES COMME COMPOSES VIROSTATIQUES**  
[72] STROBL, STEFAN, DE  
[71] PANOPTES PHARMA GMBH, AT  
[85] 2016-09-30  
[86] 2014-04-11 (PCT/EP2014/057398)  
[87] (WO2015/154820)

[21] **2,944,571**  
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01)**  
[25] EN  
[54] **ANTI-DEATH RECEPTOR 3 (DR3) ANTAGONISTIC ANTIBODIES WITH REDUCED AGONISTIC ACTIVITY**  
[54] **ANTICORPS ANTAGONISTES ANTIRECEPTEUR DE MORT 3 (DR3) PRESENTANT A ACTIVITE AGONISTE REDUITE**  
[72] MILLS, DAVID, US  
[72] TOMIZUKA, KAZUMA, JP  
[72] LAUDENSLAGER, JOHN, US  
[72] NIWA, RINPEI, JP  
[72] TSUCHIYA, MAMI, JP  
[71] KYOWA HAKKO KIRIN CO., LTD., JP  
[85] 2016-09-30  
[86] 2015-04-03 (PCT/JP2015/061298)  
[87] (WO2015/152430)  
[30] US (61/975,214) 2014-04-04

[21] **2,944,573**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/517 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **COMBINATIONS OF CANCER THERAPEUTICS**  
[54] **ASSOCIATIONS DE TRAITEMENTS ANTINEOPLASIQUES**  
[72] HUCK, BAYARD R., US  
[72] WILKER, ERIK, US  
[72] MACHL, ANDREAS, US  
[72] KALETA, REMIGIUSZ, US  
[71] MERCK PATENT GMBH, DE  
[85] 2016-09-30  
[86] 2015-03-09 (PCT/EP2015/000525)  
[87] (WO2015/149909)  
[30] US (61/974,765) 2014-04-03

[21] **2,944,577**  
[13] A1

[51] **Int.Cl. C10J 3/00 (2006.01) C10B 1/10 (2006.01) C10B 47/30 (2006.01) C10J 3/72 (2006.01) F16L 51/02 (2006.01) F23G 5/20 (2006.01)**  
[25] EN  
[54] **PROCESS AND DEVICE FOR REACTING ORGANIC MATERIALS TO GIVE HYDROGEN GAS**  
[54] **PROCEDE ET DISPOSITIF POUR LA TRANSFORMATION DE MATIERES ORGANIQUES EN HYDROGENE GAZEUX**  
[72] JENEY, PETER, CH  
[71] CLEANCARBONCONVERSION PATENTS AG, CH  
[85] 2016-09-30  
[86] 2015-01-16 (PCT/EP2015/050767)  
[87] (WO2015/149955)  
[30] EP (14162556.6) 2014-03-31

[21] **2,944,578**  
[13] A1

[51] **Int.Cl. G06F 9/50 (2006.01)**  
[25] EN  
[54] **RESOURCE ALLOCATION**  
[54] **ATTRIBUTION DE RESSOURCES**  
[72] LOVELESS, JACOB, US  
[71] CFPH, LLC, US  
[85] 2016-09-30  
[86] 2014-03-31 (PCT/US2014/032434)  
[87] (WO2015/152893)

[21] **2,944,581**  
[13] A1

[51] **Int.Cl. G06K 9/00 (2006.01)**  
[25] EN  
[54] **FINGERPRINT PORE ANALYSIS FOR LIVENESS DETECTION**  
[54] **ANALYSE DE PORES D'EMPREINTE DIGITALE PERMETTANT DE DETECTER L'AUTHEENTICITE**  
[72] SCHUCKERS, STEPHANIE, US  
[72] JOHNSON, PETER, US  
[71] CLARKSON UNIVERSITY, US  
[85] 2016-09-30  
[86] 2014-04-02 (PCT/US2014/032654)  
[87] (WO2014/165579)  
[30] US (61/807,512) 2013-04-02

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[13] A1

[51] **Int.Cl. B23Q 11/00 (2006.01) B01D 45/02 (2006.01) B23Q 11/10 (2006.01) B26D 7/18 (2006.01)**

[25] EN

[54] **COOLANT AND CHIP SEPARATOR APPARATUS**

[54] **APPAREIL DE SEPARATEUR D'AGENT DE REFROIDISSEMENT ET DE COPEAUX**

[72] FORLONG, MURRAY HOULTON, NZ

[71] EIGEN SYSTEMS LIMITED, NZ

[85] 2016-09-30

[86] 2014-04-10 (PCT/NZ2014/000062)

[87] (WO2014/168491)

[30] NZ (609390) 2013-04-12

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[21] **2,944,584**  
[13] A1

[51] **Int.Cl. B63B 39/02 (2006.01) B63B 27/10 (2006.01) B63B 27/30 (2006.01)**

[25] EN

[54] **VESSEL COMPRISING CARGO TRANSLOADING SYSTEM**

[54] **NAVIRE COMPRENANT UN SYSTEME DE TRANSBORDEMENT DE MARCHANDISES**

[72] WALLIN, TOMAS, SE

[71] MACGREGOR SWEDEN AB, SE

[85] 2016-09-30

[86] 2015-01-26 (PCT/EP2015/051499)

[87] (WO2015/149961)

[30] EP (14163229.9) 2014-04-02

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[21] **2,944,585**  
[13] A1

[51] **Int.Cl. G01D 5/20 (2006.01) G01R 27/26 (2006.01)**

[25] EN

[54] **INDUCTIVE POSITION SENSING IN LINEAR ACTUATORS**

[54] **DETECTION DE POSITION INDUCTIVE DANS DES ACTIONNEURS LINEAIRES**

[72] HUNTER, IAN W., US

[72] WHITFIELD, GEORGE C., US

[72] MADDEN, PETER G., US

[71] NUCLEUS SCIENTIFIC, INC., US

[85] 2016-09-29

[86] 2015-04-16 (PCT/US2015/026068)

[87] (WO2015/164165)

[30] US (61/981,934) 2014-04-21

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[21] **2,944,586**  
[13] A1

[51] **Int.Cl. G06F 9/44 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS TO ENFORCE SECURITY POLICIES ON THE LOADING, LINKING, AND EXECUTION OF NATIVE CODE BY MOBILE APPLICATIONS RUNNING INSIDE OF VIRTUAL MACHINES**

[54] **POLITIQUES DE SECURITE CONCERNANT LE CHARGEMENT, LA LIAISON ET L'EXECUTION DE CODE NATIF PAR DES APPLICATIONS MOBILES EXECUTEES DANS DES MACHINES VIRTUELLES**

[72] WHITE, CHRISTOPHER JULES, US

[72] CLANCY, THOMAS CHARLES, III, US

[71] OPTIO LABS, LLC, US

[85] 2016-09-30

[86] 2014-04-08 (PCT/US2014/033344)

[87] (WO2014/168954)

[30] US (13/858,929) 2013-04-08

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[21] **2,944,587**  
[13] A1

[51] **Int.Cl. E05B 47/06 (2006.01)**

[25] EN

[54] **SWING BOLT LOCK MECHANISM FOR PREVENTING PREMATURE STATUS SWITCH ENABLING**

[54] **MECANISME DE VERROUILLAGE A BOULON A CHARNIERE CONCU POUR EMPECHER L'ACTIVATION PREMATUREE D'UN COMMUTATEUR D'ETAT**

[72] AKER, ROSS, US

[71] KABA MAS, LLC, US

[85] 2016-09-30

[86] 2013-04-03 (PCT/US2013/035130)

[87] (WO2014/163630)

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[21] **2,944,588**  
[13] A1

[51] **Int.Cl. C08G 18/62 (2006.01) C08G 18/10 (2006.01) C08G 18/12 (2006.01) C08G 18/40 (2006.01) C08G 18/42 (2006.01) C08G 18/44 (2006.01)**

[25] EN

[54] **AQUEOUS TWO-COMPONENT COATING COMPOSITIONS AND HIGH EROSION RESISTANCE COATINGS PRODUCED THEREFROM**

[54] **COMPOSITIONS AQUEUSES DE REVETEMENT BICOMPOSANTS ET REVETEMENTS QUI EN SONT FABRIQUES PRESENTANT UNE HAUTE RESISTANCE A LA CORROSION**

[72] MUNCH, JURGEN, DE

[71] BASF COATINGS GMBH, DE

[85] 2016-09-30

[86] 2015-03-06 (PCT/EP2015/054722)

[87] (WO2015/161952)

[30] EP (14165726.2) 2014-04-24

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[21] **2,944,590**  
[13] A1

[51] **Int.Cl. A47F 1/10 (2006.01) B65D 83/00 (2006.01)**

[25] EN

[54] **FORWARD ADVANCING CUTLERY DISPENSER**

[54] **DISTRIBUTEUR DE COUVERTS A MECANISME D'AVANCE**

[72] OAKES, SHAWN ALLEN, US

[71] DIXIE CONSUMER PRODUCTS LLC, US

[85] 2016-09-30

[86] 2014-08-07 (PCT/US2014/050169)

[87] (WO2015/156835)

[30] US (61/978,425) 2014-04-11

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[21] **2,944,594**  
[13] A1

[51] **Int.Cl. G01V 1/30 (2006.01) G01V 1/133 (2006.01)**

[25] EN

[54] **METHOD FOR USING SEMBLANCE OF CORRECTED AMPLITUDES DUE TO SOURCE MECHANISMS FOR MICROSEISMIC EVENT DETECTION AND LOCATION**

[54] **PROCEDE D'UTILISATION DE SEMBLANCE D'AMPLITUDES CORRIGÉES DUES A DES MECANISMES DE SOURCE POUR LA DETECTION ET LA LOCALISATION D'EVENEMENTS MICROSISMIQUES**

[72] EISNER, LEO, CZ  
[72] STANEK, FRANTISEK, CZ  
[72] VALENTA, JAN, CZ  
[71] MICROSEISMIC, INC., US  
[85] 2016-09-29  
[86] 2015-04-17 (PCT/US2015/026269)  
[87] (WO2015/167818)  
[30] US (61/984,907) 2014-04-28

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[21] **2,944,595**  
[13] A1

[51] **Int.Cl. G06F 3/01 (2006.01)**

[25] EN

[54] **TECHNIQUES TO SELECTIVELY CAPTURE VISUAL MEDIA USING A SINGLE INTERFACE ELEMENT**

[54] **TECHNIQUES POUR CAPTURER DE MANIERE SELECTIVE UN CONTENU MULTIMEDIA VISUEL A L'AIDE D'UN ELEMENT D'INTERFACE UNIQUE**

[72] RUBEN, WILLIAM, US  
[72] SMITH II, DANIEL, US  
[72] PATEL, NILESH, US  
[72] LUTSENKO, MYKYTA, US  
[72] FLYNN, WILLIAM, US  
[72] GHEORGHE, ANDREI, US  
[71] FACEBOOK, INC., US  
[85] 2016-09-30  
[86] 2014-05-28 (PCT/US2014/039775)  
[87] (WO2015/152953)  
[30] US (61/973,197) 2014-03-31  
[30] US (14/287,521) 2014-05-27

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[21] **2,944,596**  
[13] A1

[51] **Int.Cl. B01D 35/00 (2006.01) C12Q 1/24 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **METHOD FOR THE QUANTIFICATION OF PARASITE EGGS IN FECES**

[54] **METHODE DE QUANTIFICATION D'OEUF PARASITES DANS DES SELLES**

[72] SLUSAREWICZ, PAWEL, US  
[72] HAUCK, ERIC W., US  
[71] MEP EQUINE SOLUTIONS LLC, US  
[85] 2016-09-30  
[86] 2014-12-05 (PCT/US2014/068860)  
[87] (WO2015/156844)  
[30] US (61/977,754) 2014-04-10  
[30] US (62/059,262) 2014-10-03

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[21] **2,944,597**  
[13] A1

[51] **Int.Cl. G01M 13/04 (2006.01) B63H 25/52 (2006.01) F16C 17/02 (2006.01) F16C 17/24 (2006.01) G01B 21/16 (2006.01) G01N 3/56 (2006.01)**

[25] EN

[54] **BEARING FOR SUPPORTING A SHAFT, IN PARTICULAR A RUDDER SHAFT, OR A RUDDER BLADE, ELECTRONIC BEARING CLEARANCE MEASURING DEVICE, RUDDER COMPRISING A BEARING FOR SUPPORTING A SHAFT OR A RUDDER BLADE, AND METHOD FOR MEASURING WEAR OF A BEARING FOR SUPPORTING A SHAFT OR A RUDDER BLADE**

[54] **PALIER SERVANT DE SUPPORT A UN ARBRE, EN PARTICULIER A UNE MECHE DE GOUVERNAIL OU A UN SAFRAN DE GOUVERNAIL, DISPOSITIF ELECTRONIQUE DE MESURE DU JEU DE PALIER, GOUVERNAIL COMPRENANT UN PALIER SERVANT DE SUPPORT A UN ARBRE OU A UN SAFRAN DE GOUVERNAIL, ET PROCEDE DE MESURE DE L'USURE D'UN PALIER SERVANT DE SUPPORT A UN ARBRE OU A UN SAFRAN DE GOUVERNAIL**

[72] KUHLMANN, HENNING, DE  
[72] SELIGER, LEIF, DE  
[71] BECKER MARINE SYSTEMS GMBH & CO. KG, DE  
[85] 2016-09-30  
[86] 2015-03-27 (PCT/EP2015/056738)  
[87] (WO2015/150266)  
[30] DE (10 2014 104 608.0) 2014-04-01  
[30] DE (10 2014 110 383.1) 2014-07-23

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[13] A1

[51] **Int.Cl. C04B 7/00 (2006.01) C04B 7/32 (2006.01) C04B 14/04 (2006.01)**  
[25] EN  
[54] **CONCRETE MATERIALS WITH MODIFIED RHEOLOGY, METHODS OF MAKING, AND USES THEREOF**  
[54] **MATERIAUX DE BETON A RHEOLOGIE MODIFIEE, PROCEDES DE FABRICATION, ET LEURS UTILISATIONS**  
[72] FELDMAN, STEVEN B., US  
[72] PURCELL, ROBERT J., JR., US  
[72] TUTBURY, PETER, US  
[72] FENDLEY, PAUL, US  
[72] PARKER, DENNIS C., US  
[72] COETZEE, RUDOLPH, US  
[71] ACTIVE MINERALS INTERNATIONAL, LLC, US  
[85] 2016-09-29  
[86] 2015-04-22 (PCT/US2015/027116)  
[87] (WO2015/167900)  
[30] US (14/266,748) 2014-04-30

[21] **2,944,601**  
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)**  
[25] EN  
[54] **AUTOMATED INTELLIGENT DATA SCRAPING AND VERIFICATION**  
[54] **EXTRACTION ET VERIFICATION, INTELLIGENTES ET AUTOMATISEES, DE DONNEES**  
[72] GARZA ABRAHAM, GABRIEL DIAZ, MX  
[72] SUAREZ LOPEZ, RICARDO, MX  
[71] BEST COLLECT, S.A. DE C.V., MX  
[85] 2016-09-30  
[86] 2015-04-27 (PCT/MX2015/000069)  
[87] (WO2016/129984)  
[30] US (14/619,751) 2015-02-11

[21] **2,944,607**  
[13] A1

[51] **Int.Cl. G06Q 40/02 (2012.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR OBTAINING CREDIT**  
[54] **PROCEDE ET SYSTEME D'OBTENTION DE CREDIT**  
[72] FOMUKONG, MUNDI, US  
[71] FOMUKONG, MUNDI, US  
[85] 2016-09-30  
[86] 2015-03-18 (PCT/US2015/021334)  
[87] (WO2015/153126)  
[30] US (14/244,865) 2014-04-03

[21] **2,944,608**  
[13] A1

[51] **Int.Cl. E21B 19/14 (2006.01) E21B 15/00 (2006.01) E21B 19/08 (2006.01)**  
[25] EN  
[54] **PARKING SYSTEM FOR A PIPE RACKER ON A DRILLING RIG**  
[54] **SYSTEME DE STATIONNEMENT POUR UN RATELIER A TIGES SUR UN APPAREIL DE FORAGE**  
[72] MAGNUSON, CHRISTOPHER, US  
[72] BROWN, MARVIN, US  
[72] DEUTSCH, ERIC, US  
[72] RADOVANOVIC, PREDRAG, RS  
[72] DJURIC, MIODRAG, RS  
[71] NABORS INDUSTRIES, INC., US  
[85] 2016-09-30  
[86] 2015-03-20 (PCT/US2015/021799)  
[87] (WO2015/175093)  
[30] US (14/279,986) 2014-05-16

[21] **2,944,610**  
[13] A1

[51] **Int.Cl. C07D 471/22 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **(5,6-DIHYDRO)PYRIMIDO[4,5-E]INDOLIZINES**  
[54] **(5,6-DIHYDRO)PYRIMIDO[4,5-E]INDOZILINES**  
[72] DE MAN, ADRIANUS PETRUS ANTONIUS, NL  
[72] BUIJSMAN, ROGIER CHRISTIAN, NL  
[72] STERRENBURG, JAN GERARD, NL  
[72] UITDEHAAG, JOOST CORNELIS MARINUS, NL  
[72] DE WIT, JOERI JOHANNES PETRUS, NL  
[72] ZAMAN, GUIDO JENNY RUDOLF, NL  
[71] NETHERLANDS TRANSLATIONAL RESEARCH CENTER B.V., NL  
[85] 2016-09-30  
[86] 2015-03-30 (PCT/EP2015/056839)  
[87] (WO2015/155042)  
[30] EP (14163734.8) 2014-04-07  
[30] EP (15153207.4) 2015-01-30

[21] **2,944,612**  
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR RANKING DATA VISUALIZATIONS**  
[54] **SYSTEMES ET PROCEDES POUR CLASSER DES VISUALISATIONS DE DONNEES**  
[72] ANAND, ANUSHKA, US  
[72] MACKINLAY, JOCK DOUGLAS, US  
[72] WONGSUPHASAWAT, KANIT, US  
[71] TABLEAU SOFTWARE, INC., US  
[85] 2016-09-30  
[86] 2015-03-03 (PCT/US2015/018475)  
[87] (WO2015/153039)  
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[30] US (14/242,849) 2014-04-01  
[30] US (14/242,857) 2014-04-01

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[51] <b>Int.Cl. C07D 213/82 (2006.01) C07C 235/64 (2006.01)</b>	[51] <b>Int.Cl. C07D 405/12 (2006.01) A61K 31/53 (2006.01) A61P 11/00 (2006.01) A61P 37/00 (2006.01)</b>	[51] <b>Int.Cl. A61B 5/20 (2006.01) G01N 33/483 (2006.01) G01N 33/493 (2006.01)</b>
[25] EN	[25] EN	[25] EN
[54] <b>HISTONE ACETYLTRANSFERASE ACTIVATORS AND USES THEREOF</b>	[54] <b>2,5-DISUBSTITUTED CYCLOPENTANE CARBOXYLIC ACIDS FOR THE TREATMENT OF RESPIRATORY TRACT DISEASES</b>	[54] <b>FLUID ANALYSIS DEVICE AND ASSOCIATED SYSTEMS AND METHODS</b>
[54] <b>ACTIVATEURS D'HISTONE ACETYLTRANSFERASE ET UTILISATION DESDITS ACTIVATEURS</b>	[54] <b>ACIDES CYCLOPENTANECARBOXYLIQUES A DISUBSTITUTION 2,5 POUR TRAITER DES MALADIES DES VOIES RESPIRATOIRES</b>	[54] <b>DISPOSITIF D'ANALYSE DE FLUIDES ET SYSTEMES ET PROCEDES ASSOCIES</b>
[72] ARANCIO, OTTAVIO, US	[72] BECK, HARTMUT, DE	[72] HOTALING, JAMES M., US
[72] DENG, SHIXIAN, US	[72] LI, VOLKHART MIN-JIAN, DE	[72] BOWEN, RANDY C., US
[72] LANDRY, DONALD W., US	[72] CANCHO GRANDE, YOLANDA, DE	[72] LE, ALVIN Y., US
[72] FIORITO, JOLE, US	[72] TIMMERMANN, ANDREAS, DE	[72] CONVERSE, MATTHEW I., US
[72] PURGATORIO, ROSA, US	[72] BROHM, DIRK, DE	[72] SOUTHWICK, ANDREW W., US
[72] O'CONNOR, OWEN ANTHONY, US	[72] JORISSEN, HANNAH, DE	[72] ROBBINS, TAB S., US
[72] AMENGUAL, JENNIFER EFFIE, US	[72] BOGNER, PAMELA, DE	[72] OGDEN, KENT, US
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US	[72] GERISCH, MICHAEL, DE	[72] MCCLELLAN, SCOTT, US
[71] ARANCIO, OTTAVIO, US	[72] LANG, DIETER, DE	[72] HOLT, BRIAN, US
[71] DENG, SHIXIAN, US	[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE	[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
[71] LANDRY, DONALD W., US	[85] 2016-09-30	[85] 2016-09-30
[71] FIORITO, JOLE, US	[86] 2015-03-31 (PCT/EP2015/056943)	[86] 2015-03-30 (PCT/US2015/023364)
[71] PURGATORIO, ROSA, US	[87] (WO2015/150350)	[87] (WO2015/153470)
[85] 2016-09-30	[30] EP (14163306.5) 2014-04-03	[30] US (61/995,027) 2014-03-31
[86] 2015-03-30 (PCT/US2015/023258)		
[87] (WO2015/153410)		
[30] US (61/972,571) 2014-03-31		
[30] US (62/023,715) 2014-07-11		
	[21] <b>2,944,615</b> [13] A1	[21] <b>2,944,617</b> [13] A1
	[51] <b>Int.Cl. B65D 77/04 (2006.01)</b>	[51] <b>Int.Cl. C07D 253/00 (2006.01) C07D 253/08 (2006.01)</b>
	[25] EN	[25] EN
	[54] <b>SEMI-RIGID SHIPPING CONTAINER WITH PEEL-RESEAL CLOSURE</b>	[54] <b>CHIRAL 2,5-DISUBSTITUTED CYCLOPENTANECARBOXYLIC ACID DERIVATIVES AND USE THEREOF</b>
	[54] <b>CONTENEUR D'EXPEDITION SEMI-RIGIDE A FERMETURE A DECOLLEMENT-RECOLLEMENT</b>	[54] <b>DERIVES CHIRAUX D'ACIDE CYCLOPENTANECARBOXYLIQUE A DISUBSTITUTION 2,5 ET LEUR UTILISATION</b>
	[72] SULLIVAN, JOSEPH, US	[72] BECK, HARTMUT, DE
	[72] BUCHENEN, BOB, US	[72] LI, VOLKHART MIN-JIAN, DE
	[72] GOSLING, STEVE, CA	[72] TIMMERMANN, ANDREAS, DE
	[72] WANNER, JOE, US	[72] BOGNER, PAMELA, DE
	[71] CDF CORPORATION, US	[72] CANCHO GRANDE, YOLANDA, DE
	[85] 2016-09-30	[72] BROHM, DIRK, DE
	[86] 2015-02-27 (PCT/US2015/018160)	[72] GERISCH, MICHAEL, DE
	[87] (WO2015/131137)	[72] JORISSEN, HANNAH, DE
	[30] US (61/946,654) 2014-02-28	[72] LANG, DIETER, DE
		[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
		[85] 2016-09-30
		[86] 2015-03-31 (PCT/EP2015/056979)
		[87] (WO2015/150362)
		[30] EP (14163308.1) 2014-04-03

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[13] A1

[51] **Int.Cl. C08G 65/40 (2006.01) C08F 2/44 (2006.01) C08F 4/70 (2006.01) C08K 5/14 (2006.01) C08L 23/00 (2006.01) C08L 33/06 (2006.01) C08L 71/00 (2006.01) C08L 97/02 (2006.01)**

[25] EN

[54] **METHODS FOR MAKING LIGNOCELLULOSE COMPOSITE PRODUCTS**

[54] **PROCEDES DE FABRICATION DE PRODUITS COMPOSITES LIGNOCELLULOSIQUES**

[72] SNIADY, ADAM K., US

[72] WILLIAMSON, BOBBY L., US

[71] GEORGIA-PACIFIC CHEMICALS LLC, US

[85] 2016-09-30

[86] 2015-03-30 (PCT/US2015/023438)

[87] (WO2015/153517)

[30] US (61/974,145) 2014-04-02

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[21] **2,944,621**  
[13] A1

[51] **Int.Cl. G02C 11/00 (2006.01) A61F 11/08 (2006.01) G02C 5/14 (2006.01)**

[25] EN

[54] **RETRACTABLE EARPLUG APPARATUS FOR AN EYEWEAR ASSEMBLY**

[54] **APPAREIL DE BOUCHON D'OREILLE RETRACTABLE POUR UN ENSEMBLE ARTICLE DE LUNETTERIE**

[72] CRAWFORD, BRENT, US

[72] BRAUNER, BILL, US

[72] NEMETH, BRAD, US

[72] CHEN, JEFF, US

[72] LIU, ROBIN, US

[71] READYMAX, INC., US

[85] 2016-09-30

[86] 2015-03-27 (PCT/US2015/022964)

[87] (WO2015/153334)

[30] US (61/972,881) 2014-03-31

[30] US (14/323,906) 2014-07-03

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[21] **2,944,622**  
[13] A1

[51] **Int.Cl. A61N 1/05 (2006.01) A61N 1/36 (2006.01)**

[25] EN

[54] **NEUROMONITORING PROBE SYSTEMS AND METHODS**

[54] **SYSTEMES ET PROCEDES POUR SONDE DE NEUROMONITORAGE**

[72] DONALD, GORDON D. III, US

[71] DONALD, GORDON D. III, US

[85] 2016-09-30

[86] 2015-03-30 (PCT/US2015/023392)

[87] (WO2015/153487)

[30] US (61/972,740) 2014-03-31

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[13] A1

[51] **Int.Cl. C08F 2/44 (2006.01) C08F 4/70 (2006.01) C08K 5/16 (2006.01) C08L 97/02 (2006.01)**

[25] EN

[54] **METHODS FOR MAKING LIGNOCELLULOSE COMPOSITE PRODUCTS WITH OXIDATIVE BINDERS AND COMPLEXED METAL CATALYST**

[54] **PROCEDES DE FABRICATION DE PRODUITS COMPOSITES DE LIGNOCELLULOSE COMPORTANT DES LIANTS D'OXYDATION ET UN CATALYSEUR METALLIQUE COMPLEXE**

[72] WILLIAMSON, BOBBY L., US

[72] SNIADY, ADAM K., US

[71] GEORGIA-PACIFIC CHEMICALS LLC, US

[85] 2016-09-30

[86] 2015-03-30 (PCT/US2015/023440)

[87] (WO2015/153519)

[30] US (61/974,308) 2014-04-02

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[21] **2,944,624**  
[13] A1

[51] **Int.Cl. C07K 16/24 (2006.01) C07K 16/28 (2006.01)**

[25] EN

[54] **TREATMENT OF INFLAMMATORY PAIN USING IL-20 ANTAGONISTS**

[54] **TRAITEMENT D'UNE DOULEUR INFLAMMATOIRE A L'AIDE D'ANTAGONISTES D'IL-20**

[72] CHANG, MING-SHI, TW

[72] LIU, YEN-CHEN, TW

[72] SHEN, MENG-RU, TW

[71] NATIONAL CHENG KUNG UNIVERSITY, TW

[85] 2016-09-30

[86] 2015-03-31 (PCT/US2015/023548)

[87] (WO2015/153582)

[30] US (14/242,574) 2014-04-01

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[13] A1

[51] **Int.Cl. G09B 17/00 (2006.01)**

[25] EN

[54] **A METHOD AND SYSTEM TO IMPROVE READING**

[54] **PROCEDE ET SYSTEME POUR AMELIORER LA LECTURE**

[72] NADLER-NIR, ELIZABETH FRANCES, ZA

[71] VIRTUAL READING GYM (PTY) LTD, ZA

[85] 2016-09-30

[86] 2014-06-23 (PCT/IB2014/062540)

[87] (WO2014/203226)

[30] ZA (2012/09782) 2013-06-21

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[13] A1

[51] **Int.Cl. B65D 35/00 (2006.01) B65D 49/02 (2006.01) B65D 83/00 (2006.01)**  
[25] EN  
[54] **CONTAINER FOR PRESERVING LIQUID CONTENTS**  
[54] **RECIPIENT POUR CONSERVER UN CONTENU LIQUIDE**  
[72] MANWANI, VIJAY GIRDHAR, US  
[72] GILBERT, DUANE JUNIOR, US  
[72] LANSBERRY, GEOFFREY BLAKE, US  
[72] TEISSIER DU CROS, NILS ARNAUD, US  
[72] BERCU, ADAM ELLIOT, US  
[72] CHESLEY, DAVID DOLLOFF, US  
[71] KUVVEE, INC., US  
[85] 2016-09-30  
[86] 2015-03-31 (PCT/US2015/023573)  
[87] (WO2015/153598)  
[30] US (61/974,086) 2014-04-02  
[30] US (62/128,341) 2015-03-04

[21] **2,944,631**  
[13] A1

[51] **Int.Cl. A61M 16/00 (2006.01)**  
[25] EN  
[54] **DELIVERING VARIABLE POSITIVE AIRWAY PRESSURE DEPENDING ON AWAKE STATE AND SLEEP DISORDERED BREATHING**  
[54] **ADMINISTRATION DE PRESSION POSITIVE EXPIRATOIRE VARIABLE EN FONCTION D'UN ETAT EVEILLE ET DE TROUBLES RESPIRATOIRES DU SOMMEIL**  
[72] GERRED, ANDREW GORDON, NZ  
[72] WHITING, DAVID ROBIN, NZ  
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ  
[85] 2016-09-30  
[86] 2015-03-27 (PCT/IB2015/052255)  
[87] (WO2015/150997)  
[30] US (61/974,310) 2014-04-02

[21] **2,944,632**  
[13] A1

[51] **Int.Cl. B60P 3/34 (2006.01) E06B 7/16 (2006.01)**  
[25] EN  
[54] **EDGE SEAL WITH SIDEWALL SEAL**  
[54] **JOINT DE BORD AVEC JOINT DE PAROI LATERALE**  
[72] KSIEZOPOLSKI, EDWIN E., US  
[71] LIFETIME INDUSTRIES, INC., US  
[85] 2016-09-30  
[86] 2015-03-31 (PCT/US2015/023575)  
[87] (WO2015/153600)  
[30] US (14/242,002) 2014-04-01

[21] **2,944,634**  
[13] A1

[51] **Int.Cl. F16H 9/12 (2006.01) F16H 55/52 (2006.01) F16H 55/54 (2006.01) F16H 55/56 (2006.01)**  
[25] EN  
[54] **CONTINUOUSLY VARIABLE TRANSMISSION DRIVE PULLEY**  
[54] **POULIE D'ENTRAINEMENT DE TRANSMISSION VARIABLE EN CONTINU**  
[72] AITCIN, XAVIER-PIERRE, CA  
[72] BOURGEOIS, YAN, CA  
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA  
[85] 2016-09-30  
[86] 2015-03-31 (PCT/IB2015/052375)  
[87] (WO2015/151033)  
[30] US (61/972,587) 2014-03-31

[21] **2,944,635**  
[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 21/08 (2006.01) F04D 13/10 (2006.01)**  
[25] EN  
[54] **STATE ESTIMATION AND RUN LIFE PREDICTION FOR PUMPING SYSTEM**  
[54] **ESTIMATION D'ETAT ET PREDICTION DE LA DUREE DE VIE DE FONCTIONNEMENT DE SYSTEME DE POMPAGE**  
[72] ESLINGER, DAVID MILTON, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2016-09-30  
[86] 2015-03-31 (PCT/US2015/023606)  
[87] (WO2015/153621)  
[30] US (61/974,786) 2014-04-03

[21] **2,944,643**  
[13] A1

[51] **Int.Cl. H01M 10/60 (2014.01) C09K 5/00 (2006.01)**  
[25] EN  
[54] **NON-AQUEOUS HEAT TRANSFER FLUID WITH REDUCED LOW TEMPERATURE VISCOSITY**  
[54] **FLUIDE DE TRANSFERT DE CHALEUR NON AQUEUX PRESENTANT UNE VISCOSITE REDUITE A BASSE TEMPERATURE**  
[72] LIGHT, J. THOMAS, US  
[71] LIGHT, J. THOMAS, US  
[85] 2016-09-30  
[86] 2015-03-31 (PCT/US2015/023654)  
[87] (WO2015/153652)  
[30] US (61/973,971) 2014-04-02

[21] **2,944,645**  
[13] A1

[51] **Int.Cl. A01G 27/06 (2006.01) A01G 27/02 (2006.01)**  
[25] EN  
[54] **IRRIGATION APPARATUS AND FEEDING SYSTEM**  
[54] **APPAREIL D'IRRIGATION ET SYSTEME D'ALIMENTATION**  
[72] MARSHALL, AARON, US  
[71] 4D HOLDINGS, LLC, US  
[85] 2016-09-30  
[86] 2015-04-01 (PCT/US2015/023809)  
[87] (WO2015/153724)  
[30] US (14/245,731) 2014-04-04

[21] **2,944,648**  
[13] A1

[51] **Int.Cl. G06Q 20/28 (2012.01) G06Q 20/12 (2012.01) G06Q 20/34 (2012.01)**  
[25] EN  
[54] **AUGMENTED PRE-PAID CARDS, SYSTEMS, AND METHODS**  
[54] **CARTES PREPAYEES AUGMENTEES, SYSTEMES ET PROCEDES**  
[72] SOON-SHIONG, PATRICK, US  
[71] SOON-SHIONG, PATRICK, US  
[85] 2016-09-30  
[86] 2015-04-02 (PCT/US2015/024154)  
[87] (WO2015/153914)  
[30] US (14/243,833) 2014-04-02

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[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01)**  
[25] EN  
[54] **HUMANIZED ANTIBODIES THAT BIND LGR5**  
[54] **ANTICORPS HUMANISES QUI SE LIENT A LGR5**  
[72] REYES, CHRISTOPHER, US  
[72] CHU, PETER, US  
[72] SMITH, KRISTEN M., US  
[72] CAMPBELL, LIUDMILA A., US  
[72] SHOJAEI, FARBOD, US  
[72] NORTON, JOHN THOMAS, US  
[71] BIONOMICS, INC., US  
[85] 2016-09-30  
[86] 2015-04-02 (PCT/US2015/024162)  
[87] (WO2015/153916)  
[30] US (61/975,589) 2014-04-04  
[30] US (62/081,497) 2014-11-18

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[13] A1

[51] **Int.Cl. A61M 39/02 (2006.01)**  
[25] EN  
[54] **DEVICES AND METHODS FOR INSTALLATION AND REMOVAL OF A NEEDLE TIP OF A NEEDLE**  
[54] **DISPOSITIFS ET PROCEDES D'INSTALLATION ET DE RETRAIT D'UNE POINTE D'AIGUILLE D'UNE AIGUILLE**  
[72] TALLARIDA, STEVEN J., US  
[72] RODGERS, RICHARD P., US  
[72] BUTZIGER, JOHN M., US  
[71] VERSAGO VASCULAR ACCESS, INC., US  
[85] 2016-09-30  
[86] 2015-04-03 (PCT/US2015/024256)  
[87] (WO2015/153976)  
[30] US (61/974,807) 2014-04-03

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[13] A1

[51] **Int.Cl. A61K 38/12 (2006.01)**  
[25] EN  
[54] **MACROCYCLIC PEPTIDOMIMETICS FOR ALPHA-HELIX MIMICRY**  
[54] **SUBSTANCES PEPTIMOMIMETIQUES MACROCYCLIQUES POUR MIMETISME D'HELICE ALPHA**  
[72] FASAN, RUDI, US  
[71] UNIVERSITY OF ROCHESTER, US  
[85] 2016-09-30  
[86] 2015-04-01 (PCT/US2015/023883)  
[87] (WO2015/153761)  
[30] US (61/973,994) 2014-04-02

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[21] **2,944,652**  
[13] A1

[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 50/14 (2012.01)**  
[25] EN  
[54] **INFERENCE MODEL FOR TRAVELER CLASSIFICATION**  
[54] **MODELE D'INFERENCE POUR LA CLASSIFICATION DE VOYAGEURS**  
[72] VALVERDE, L. JAMES, JR., CA  
[72] MILLER, HAROLD ROY, CA  
[72] MILLER, JONATHAN DAVID, CA  
[71] AMGINE TECHNOLOGIES (US), INC., US  
[85] 2016-09-30  
[86] 2015-04-01 (PCT/US2015/023901)  
[87] (WO2015/153776)  
[30] US (61/973,695) 2014-04-01

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[21] **2,944,653**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 5/07 (2010.01) A61K 39/395 (2006.01) C12N 5/16 (2006.01) G01N 33/00 (2006.01)**  
[25] EN  
[54] **DETERMINING ANTIGEN-SPECIFIC T-CELLS AND B-CELLS**  
[54] **DETERMINATION DE LYMPHOCYTES T ET DE LYMPHOCYTES B SPECIFIQUES A UN ANTIGENE**  
[72] KLINGER, MARK, US  
[72] FAHAM, MALEK, US  
[71] ADAPTIVE BIOTECHNOLOGIES CORP., US  
[85] 2016-09-30  
[86] 2015-04-01 (PCT/US2015/023915)  
[87] (WO2015/153788)  
[30] US (14/242,520) 2014-04-01

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[21] **2,944,654**  
[13] A1

[51] **Int.Cl. A61B 17/88 (2006.01) A61B 17/00 (2006.01) A61B 17/92 (2006.01)**  
[25] EN  
[54] **ORTHOPEDIC TOOL FOR BONE FIXATION**  
[54] **OUTIL ORTHOPEDIQUE DE FIXATION OSSEUSE**  
[72] LOZIER, ANTONY J., US  
[72] MURPHY, DANIEL P., US  
[72] PRYGOSKI, MATTHEW, US  
[72] GIORDANO, MICHAEL, US  
[72] YAKIMICKI, DONALD L., US  
[72] BASSETT, JEFFREY, US  
[72] COLLINS, MICHAEL SCOTT, US  
[71] ZIMMER, INC., US  
[85] 2016-09-30  
[86] 2015-04-03 (PCT/US2015/024263)  
[87] (WO2015/153981)  
[30] US (61/974,554) 2014-04-03  
[30] US (62/005,006) 2014-05-30

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[21] **2,944,661**  
[13] A1

[51] **Int.Cl. H04W 12/04 (2009.01) H04W 12/02 (2009.01) H04W 12/06 (2009.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR DECOUPLING USER AUTHENTICATION AND DATA ENCRYPTION ON MOBILE DEVICES**  
[54] **PROCEDE ET SYSTEME DE DECOUPLAGE D'AUTHENTIFICATION UTILISATEUR ET DE CRYPTAGE DE DONNEES SUR DES DISPOSITIFS MOBILES**  
[72] KHOSRAVI, HASSAN, CA  
[72] MUSLUKHOV, ILDAR, CA  
[72] LUONG, PETER, CA  
[71] FUSIONPIPE SOFTWARE SOLUTIONS INC., CA  
[85] 2016-10-03  
[86] 2013-07-08 (PCT/CA2013/050528)  
[87] (WO2014/172773)  
[30] US (61/816,123) 2013-04-25

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[21] **2,944,662**  
[13] A1

[51] **Int.Cl. F25B 45/00 (2006.01) F16N 3/04 (2006.01) F16N 21/00 (2006.01) F17D 3/12 (2006.01) F25B 47/00 (2006.01) C10M 159/00 (2006.01)**

[25] EN

[54] **ADDITIVE COMPOSITION FOR IMPROVEMENT OF MISCIBILITY OF LUBRICANTS IN AIR-CONDITIONING AND REFRIGERATION SYSTEMS**

[54] **COMPOSITION D'ADDITION AMELIORANT LA MISCIBILITE DES LUBRIFIANTS DANS DES SYSTEMES DE CLIMATISATION ET DE REFRIGERATION**

[72] APPLER, PAUL, CA  
[72] CRANTON, GEORGE A., CA  
[71] BRASSCORP LIMITED, CA  
[85] 2016-10-03  
[86] 2015-04-02 (PCT/CA2015/000224)  
[87] (WO2015/149157)  
[30] US (61/975,468) 2014-04-04

[21] **2,944,663**  
[13] A1

[51] **Int.Cl. A61K 35/17 (2015.01) C12N 5/078 (2010.01) A61K 38/48 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01) C12N 15/86 (2006.01)**

[25] EN

[54] **LYMPHOCYTE MEDIATED DELIVERY OF PROTEINS**

[54] **ADMINISTRATION DE PROTEINES MEDIEE PAR LES LYMPHOCYTES**

[72] HOLT, ROBERT, CA  
[72] WOODSWORTH, DANIEL, CA  
[71] BRITISH COLUMBIA CANCER AGENCY BRANCH, CA  
[85] 2016-10-03  
[86] 2015-04-15 (PCT/CA2015/050312)  
[87] (WO2015/157864)  
[30] US (61/980,341) 2014-04-16

[21] **2,944,665**  
[13] A1

[51] **Int.Cl. B29C 45/70 (2006.01)**

[25] EN

[54] **A MOULD TOOL FOR INJECTION MOULDING**

[54] **OUTIL DE MOULAGE POUR LE MOULAGE PAR INJECTION**

[72] LAMBAEK, JENS STAMP, DK  
[71] LEGO A/S, DK  
[85] 2016-10-03  
[86] 2015-05-28 (PCT/DK2015/050138)  
[87] (WO2015/180735)  
[30] DK (PA 2014 70309) 2014-05-28

[21] **2,944,669**  
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/506 (2006.01) A61P 29/00 (2006.01) A61P 31/00 (2006.01) A61P 37/00 (2006.01) C07D 403/04 (2006.01) C07D 403/14 (2006.01) C07D 405/04 (2006.01) C07D 409/04 (2006.01) C07D 411/14 (2006.01) C07D 413/14 (2006.01) C07D 417/04 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 487/10 (2006.01) C07D 498/10 (2006.01)**

[25] EN

[54] **INHIBITORS OF CYCLIN-DEPENDENT KINASE 7 (CDK7)**

[54] **INHIBITEURS DE LA KINASE CYCLINE-DEPENDANTE 7 (CDK7)**

[72] SPROTT, KEVIN, US  
[72] MARINEAU, JASON J., US  
[72] SCHMIDT, DARBY, US  
[72] BRADLEY, MICHAEL, US  
[72] SIDDIQUI, M. ARSHAD, US  
[72] MILLER, TOM, US  
[72] RIPKA, AMY, US  
[72] LI, DANSU, US  
[72] CIBLAT, STEPHANE, CA  
[72] KABRO, ANZHELIKA, CA  
[72] LEBLANC, MELISSA, CA  
[72] LEGER, SERGE, CA  
[72] ROY, STEPHANIE, CA  
[72] WINTER, DANA K., CA  
[71] SYROS PHARMACEUTICALS, INC., US  
[85] 2016-09-30  
[86] 2015-04-03 (PCT/US2015/024358)  
[87] (WO2015/154039)  
[30] US (61/975,457) 2014-04-04  
[30] US (62/053,741) 2014-09-22

[21] **2,944,672**  
[13] A1

[51] **Int.Cl. B65D 1/00 (2006.01) B65D 83/14 (2006.01) F17C 1/00 (2006.01)**

[25] EN

[54] **NON-ROUND METALLIC PRESSURIZED CONTAINER AND METHOD OF MANUFACTURING SAME**

[54] **RECIPIENT SOUS PRESSION METALLIQUE DE FORME NON ARRONDIE ET SON PROCEDE DE FABRICATION**

[72] ZAIMA, HAROLD, US  
[72] AHLGREN, BRADLEY, US  
[71] IMOLZ, LLC, US  
[85] 2016-09-30  
[86] 2015-04-07 (PCT/US2015/024658)  
[87] (WO2015/157243)  
[30] US (61/978,284) 2014-04-11

[21] **2,944,675**  
[13] A1

[51] **Int.Cl. D21H 27/02 (2006.01) D03D 13/00 (2006.01) D21F 1/00 (2006.01) D21F 11/00 (2006.01)**

[25] EN

[54] **ABSORBENT PAPER PRODUCT AND METHOD FOR MANUFACTURING SUCH ABSORBENT PAPER PRODUCT**

[54] **PRODUIT DE PAPIER ABSORBANT, ET PROCEDE DE FABRICATION D'UN TEL PRODUIT DE PAPIER ABSORBANT**

[72] LAMB, HANS-JURGEN, DE  
[71] SCA HYGIENE PRODUCTS AB, SE  
[85] 2016-10-03  
[86] 2014-04-02 (PCT/EP2014/056595)  
[87] (WO2015/149847)

[21] **2,944,677**  
[13] A1

[51] **Int.Cl. C08L 67/02 (2006.01)**

[25] EN

[54] **POLYESTER MIXTURE**

[54] **MELANGE DE POLYESTERS**

[72] MOLLER, ANNA KARINA, DE  
[72] MOLAWI, KIAN, DE  
[72] YAMAMOTO, MOTONORI, DE  
[71] BASF SE, DE  
[85] 2016-10-03  
[86] 2015-03-23 (PCT/EP2015/056096)  
[87] (WO2015/150141)  
[30] EP (14163169.7) 2014-04-02

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[21] **2,944,678**  
[13] A1

[51] **Int.Cl. E21B 47/12 (2012.01)**  
[25] EN  
[54] **EXTENDABLE CONNECTION OF ELECTRONIC COMPONENTS**  
[54] **CONNEXION EXTENSIBLE DE COMPOSANTS ELECTRONIQUES**  
[72] RODRIGUEZ, RAFAEL, US  
[72] SMITH, NICHOLAS, US  
[72] HUSSEIN, MOHAMED ALI, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2016-09-30  
[86] 2015-04-08 (PCT/US2015/024846)  
[87] (WO2015/157372)  
[30] US (14/249,184) 2014-04-09

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[21] **2,944,688**  
[13] A1

[51] **Int.Cl. G02B 7/28 (2006.01) G01J 3/00 (2006.01) G02B 21/00 (2006.01) G02B 21/26 (2006.01)**  
[25] EN  
[54] **AUTOFOCUS SYSTEM**  
[54] **SYSTEME DE MISE AU POINT AUTOMATIQUE**  
[72] CABLE, ALEX EZRA, US  
[72] BROOKER, JEFFREY S., US  
[71] THORLABS, INC., US  
[85] 2016-09-30  
[86] 2015-04-09 (PCT/US2015/025113)  
[87] (WO2015/157520)  
[30] US (61/978,087) 2014-04-10  
[30] US (62/006,972) 2014-06-03

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[21] **2,944,693**  
[13] A1

[51] **Int.Cl. B29D 22/00 (2006.01)**  
[25] EN  
[54] **SOLID-STATE STRETCHED HDPE**  
[54] **HDPE ETIRE A L'ETAT SOLIDE**  
[72] SUN, LUYI, US  
[72] MCLEOD, MICHAEL, US  
[72] ASHBAUGH, JOHN, US  
[72] LI, FENGKUI, US  
[72] DANIELS, LELAND, US  
[71] FINA TECHNOLOGY, INC., US  
[85] 2016-09-30  
[86] 2015-04-09 (PCT/US2015/025191)  
[87] (WO2015/157563)  
[30] US (14/250,002) 2014-04-10

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[21] **2,944,694**  
[13] A1

[51] **Int.Cl. A61K 8/02 (2006.01) A61K 8/04 (2006.01) A61K 8/06 (2006.01)**  
[25] EN  
[54] **COSMETIC CONTAINING FOAM AS CARRIER**  
[54] **PRODUIT COSMETIQUE CONTENANT UNE MOUSSE UTILISEE COMME SUPPORT**  
[72] CHOI, JUNG SUN, KR  
[72] CHOI, KYUNG HO, KR  
[71] AMOREPACIFIC CORPORATION, KR  
[85] 2016-10-03  
[86] 2015-04-10 (PCT/KR2015/003646)  
[87] (WO2015/156650)  
[30] KR (10-2014-0043005) 2014-04-10

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[21] **2,944,699**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) A01N 47/10 (2006.01) C07C 209/62 (2006.01) C07D 493/00 (2006.01)**  
[25] EN  
[54] **AFFINITY MEDICANT CONJUGATES**  
[54] **CONJUGUES DE MEDICAMENT ET D'ELEMENT D'AFFINITE**  
[72] KELNER, MICHAEL, US  
[71] AF CHEMICALS, LLC, US  
[85] 2016-09-30  
[86] 2015-04-09 (PCT/US2015/025208)  
[87] (WO2015/157578)  
[30] US (61/978,195) 2014-04-10

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[21] **2,944,700**  
[13] A1

[51] **Int.Cl. E21B 43/22 (2006.01) C09K 8/60 (2006.01) E21B 43/28 (2006.01)**  
[25] EN  
[54] **STIMULATION OF WELLS IN NANO-DARCY SHALE FORMATIONS**  
[54] **STIMULATION DE PUITTS DANS DES FORMATIONS DE SCHISTE DE NANO-DARCY**  
[72] CONWAY, ANDREW BRYCE, US  
[71] FLEX-CHEM HOLDING COMPANY, LLC, US  
[85] 2016-09-30  
[86] 2015-04-10 (PCT/US2015/025399)  
[87] (WO2015/160666)  
[30] US (61/979,210) 2014-04-14  
[30] US (62/087,899) 2014-12-05

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[21] **2,944,702**  
[13] A1

[51] **Int.Cl. F16L 23/028 (2006.01) F16L 47/14 (2006.01)**  
[25] EN  
[54] **METHOD FOR CONNECTING A COUPLING DEVICE TO RESPECTIVE ENDS OF TWO PIPES, AND STRUCTURE OF SAID COUPLING DEVICE**  
[54] **PROCEDE POUR CONNECTER UN DISPOSITIF D'ACCOUPEMENT AUX EXTREMITES RESPECTIVES DE DEUX TUYAUX, ET STRUCTURE DUDIT DISPOSITIF D'ACCOUPEMENT**  
[72] LANGHELLE, RUNE, NO  
[71] ODIN CONNECT AS, NO  
[85] 2016-10-03  
[86] 2015-04-08 (PCT/NO2015/050062)  
[87] (WO2015/156678)  
[30] NO (20140458) 2014-04-08

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[21] **2,944,703**  
[13] A1

[51] **Int.Cl. C12N 5/0775 (2010.01) C12N 1/04 (2006.01) C12Q 1/02 (2006.01)**  
[25] EN  
[54] **CELL-SURFACE MARKER OF EARLY MSC AGING**  
[54] **MARQUEUR DE SURFACE CELLULAIRE DU VIEILLISSEMENT PRECOCE DES CSM**  
[72] O'CONNOR, KIM, US  
[71] THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND, US  
[85] 2016-09-30  
[86] 2015-04-10 (PCT/US2015/025411)  
[87] (WO2015/157694)  
[30] US (61/978,708) 2014-04-11

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[21] **2,944,706**  
[13] A1

[51] **Int.Cl. C01B 31/00 (2006.01) C01B 31/02 (2006.01) C08J 3/075 (2006.01) H01G 9/04 (2006.01)**

[25] FR

[54] **GELLED, CROSSLINKED AND NON-DRIED AQUEOUS POLYMERIC COMPOSITION, AEROGEL AND POROUS CARBON FOR SUPERCAPACITOR ELECTRODE AND PROCESSES FOR PREPARING SAME**

[54] **COMPOSITION POLYMERIQUE AQUEUSE GELIFIEE, RETICULEE ET NON SECHEE, AEROGEL ET CARBONE POREUX POUR ELECTRODE DE SUPERCONDENSATEUR ET LEURS PROCEDES DE PREPARATION**

[72] DUFOUR, BRUNO, FR

[72] JACQUEMOND, JEREMIE, FR

[72] DORIE, HUGO, FR

[72] BUREAU, YANNICK, FR

[72] SONNTAG, PHILIPPE, FR

[71] HUTCHINSON, FR

[85] 2016-10-03

[86] 2014-04-07 (PCT/FR2014/050827)

[87] (WO2015/155419)

[21] **2,944,707**

[13] A1

[51] **Int.Cl. A61N 7/02 (2006.01)**

[25] EN

[54] **BAND TRANSDUCER ULTRASOUND THERAPY**

[54] **TRAITEMENT PAR ULTRASONS EMIS PAR UN TRANSDUCTEUR A BANDES**

[72] EMERY, CHARLES D., US

[72] HOPE, JOSHUA D., US

[72] PETERSON, MICHAEL T., US

[71] ULTHERA, INC., US

[85] 2016-09-30

[86] 2015-04-13 (PCT/US2015/025581)

[87] (WO2015/160708)

[30] US (61/981,660) 2014-04-18

[21] **2,944,710**

[13] A1

[51] **Int.Cl. H01L 33/08 (2010.01) H01L 33/36 (2010.01) H01L 33/50 (2010.01) H01L 33/60 (2010.01)**

[25] EN

[54] **EGRESS AND/OR FLICKER-FREE LIGHTING DEVICE WITH PERSISTENT LUMINESCENCE**

[54] **DISPOSITIF D'ECLAIRAGE DEPOURVU DE FUITE ET/OU DE SCINTILLEMENT A LUMINESCENTE PERSISTANTE**

[72] PEREZ-BOLIVAR, CESAR, US

[72] BROOKS, TIMOTHY WEBSTER, US

[71] GROTE INDUSTRIES, LLC, US

[85] 2016-09-30

[86] 2015-04-20 (PCT/US2015/026601)

[87] (WO2015/195199)

[30] US (14/309,939) 2014-06-20

[21] **2,944,711**

[13] A1

[51] **Int.Cl. C11D 1/94 (2006.01) C11D 11/00 (2006.01)**

[25] EN

[54] **AQUEOUS LIQUID DISHWASHING COMPOSITION**

[54] **COMPOSITION AQUEUSE DE LIQUIDE VAISSELLE**

[72] ZUNIGA, ARTURO, MX

[72] PENA, HENRY, MX

[72] ESPINOSA, REINA, MX

[72] FLECKENSTEIN, MELISSA, US

[72] MODH, RAM, US

[72] BENTOSA, CLAUDIA, MX

[72] JAKUBICKI, GARY, US

[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2016-10-03

[86] 2014-05-21 (PCT/US2014/038911)

[87] (WO2015/178902)

[21] **2,944,714**

[13] A1

[51] **Int.Cl. A61K 31/46 (2006.01) A61P 15/06 (2006.01)**

[25] EN

[54] **METHODS OF TREATING OR PREVENTING PRETERM LABOR**

[54] **PROCEDES DE TRAITEMENT OU DE PREVENTION DU TRAVAIL PREMATURE**

[72] VISCO, ANTHONY G., US

[71] VISCO, ANTHONY G., US

[85] 2016-09-30

[86] 2015-05-06 (PCT/US2015/029455)

[87] (WO2015/171753)

[30] US (61/989,221) 2014-05-06

[21] **2,944,715**

[13] A1

[51] **Int.Cl. C08J 9/28 (2006.01) B01J 13/00 (2006.01) C08G 8/20 (2006.01) C08J 9/00 (2006.01)**

[25] FR

[54] **MONOLITHIC, SUPER HEAT-INSULATING, ORGANIC AEROGEL COMPOSITION PREPARATION METHOD, SAID COMPOSITION, AND THE USE THEREOF**

[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION D'AEROGEL MONOLITHIQUE ORGANIQUE SUPER ISOLANT THERMIQUE, CETTE COMPOSITION ET SON UTILISATION**

[72] HUILLET, CEDRIC, FR

[72] FANNECHERE, FLORIAN, FR

[72] SWOBODA, BENJAMIN, FR

[72] DUFOUR, BRUNO, FR

[72] POUPA, NADINE, FR

[71] HUTCHINSON, FR

[85] 2016-10-03

[86] 2014-04-11 (PCT/FR2014/050892)

[87] (WO2015/155423)

[21] **2,944,718**

[13] A1

[51] **Int.Cl. A24C 5/00 (2006.01) A24C 5/56 (2006.01) B26F 1/28 (2006.01)**

[25] EN

[54] **DIFFUSION-OPTIMIZED TIPPING PAPER**

[54] **PAPIER DE REVETEMENT D'EMBOUT A DIFFUSION OPTIMISEE**

[72] LINDNER, MICHAEL, AT

[71] TANNPAPIER GMBH, AT

[85] 2016-10-03

[86] 2015-04-01 (PCT/AT2015/050086)

[87] (WO2015/149103)

[30] AT (A 50252/2014) 2014-04-03

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[21] **2,944,722**  
[13] A1

[51] **Int.Cl. E21B 1/00 (2006.01) B66C 23/30 (2006.01) B66C 23/36 (2006.01) B66C 23/60 (2006.01) E21B 7/02 (2006.01)**

[25] EN

[54] **RIG MAST AND RELATED COMPONENTS**

[54] **MAT POUR APPAREIL DE FORAGE ET COMPOSANTS ASSOCIES**

[72] HUTTON, ROSS CLIVE, AU

[71] DRILL RIG SPARES PTY LTD, AU

[85] 2016-10-03

[86] 2015-04-24 (PCT/AU2015/000244)

[87] (WO2015/161341)

[30] AU (2014901481) 2014-04-24

[21] **2,944,723**  
[13] A1

[51] **Int.Cl. C12N 5/09 (2010.01)**

[25] EN

[54] **ENGINEERED THREE-DIMENSIONAL BREAST TISSUE, ADIPOSE TISSUE, AND TUMOR DISEASE MODEL**

[54] **TISSU MAMMAIRE TRIDIMENSIONNEL ARTIFICIEL, TISSU ADIPEUX, ET MODELE DE MALADIES TUMORALES**

[72] KING, SHELBY MARIE, US

[72] NGUYEN, DEBORAH LYNN GREENE, US

[72] GORGEN, VIVIAN A., US

[72] SHEPHERD, BENJAMIN R., US

[72] PRESNELL, SHARON C., US

[72] SEARS, ROSALIE, US

[72] ALLEN-PETERSEN, BRITTANY, US

[72] LANGER, ELLEN, US

[71] ORGANOVO, INC., US

[71] OREGON HEALTH & SCIENCE UNIVERSITY, US

[85] 2016-10-03

[86] 2014-06-06 (PCT/US2014/041419)

[87] (WO2015/152954)

[30] US (61/975,640) 2014-04-04

[30] US (61/976,895) 2014-04-08

[21] **2,944,724**  
[13] A1

[51] **Int.Cl. E21B 3/02 (2006.01)**

[25] EN

[54] **DRILLING RIG AND DRILL HEAD OF A DRILLING RIG**

[54] **INSTALLATION DE FORAGE ET TETE DE FORAGE D'UNE INSTALLATION DE FORAGE**

[72] HANNA, JAN, SE

[72] FORSBERG, MARTIN, SE

[72] GRYLER, JIM, SE

[71] ATLAS COPCO ROCK DRILLS AB, SE

[85] 2016-10-03

[86] 2015-04-17 (PCT/SE2015/050446)

[87] (WO2015/163809)

[30] SE (1450485-6) 2014-04-24

[21] **2,944,725**  
[13] A1

[51] **Int.Cl. H04B 7/185 (2006.01) G01S 19/14 (2010.01) G01S 19/26 (2010.01) H04B 1/3827 (2015.01)**

[25] EN

[54] **POSITION TRACKING METHOD AND APPARATUS**

[54] **PROCEDE ET APPAREIL DE SUIVI DE POSITION**

[72] LIU, JIAJUN, AU

[72] SOMMERS, PHILIPP, AU

[72] JURDAK, RAJA, AU

[72] ZHAO, KUN, AU

[72] KUSY, BRANISLAV, AU

[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION, AU

[85] 2016-10-03

[86] 2015-04-02 (PCT/AU2015/050150)

[87] (WO2015/149132)

[30] AU (2014901230) 2014-04-04

[21] **2,944,731**  
[13] A1

[51] **Int.Cl. C07D 493/04 (2006.01)**

[25] EN

[54] **PHOSPHONIC ACID CATALYST IN DEHYDRATIVE CYCLIZATION OF 5 AND 6 CARBON POLYOLS WITH IMPROVED COLOR AND PRODUCT ACCOUNTABILITY**

[54] **CATALYSEUR D'ACIDE PHOSPHONIQUE DANS UNE CYCLISATION DESHYDRATANTE DE POLYOLS DE CARBONE 5 ET 6 AVEC UNE COULEUR ET UNE CREDIBILITE DE PRODUIT AMELIOREES**

[72] STENSRUD, KENNETH, US

[72] HAGBERG, ERIK, US

[71] ARCHER DANIELS MIDLAND COMPANY, US

[85] 2016-10-03

[86] 2014-11-19 (PCT/US2014/066298)

[87] (WO2015/156839)

[30] US (PCT/US2014/033580) 2014-04-10

[21] **2,944,733**  
[13] A1

[51] **Int.Cl. H04N 7/15 (2006.01) H04L 12/28 (2006.01) H04N 7/14 (2006.01)**

[25] EN

[54] **FRAMEWORK TO SUPPORT A HYBRID OF MESHED ENDPOINTS WITH NON-MESHED ENDPOINTS**

[54] **CADRE PERMETTANT DE PRENDRE EN CHARGE UNE STRUCTURE HYBRIDE DE POINTS D'EXTREMITE MAILLES ET DE POINTS D'EXTREMITE NON MAILLES**

[72] GLASS, KEVIN, GB

[72] HOPKINS, KRIS, US

[72] HOLVEY, JOHN, GB

[72] O'LOUGHLIN, SEAN, GB

[71] CAFEX COMMUNICATIONS INC., US

[85] 2016-10-03

[86] 2015-04-03 (PCT/US2015/024286)

[87] (WO2015/153994)

[30] US (61/974,849) 2014-04-03

[30] US (14/677,628) 2015-04-02

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[21] **2,944,735**  
[13] A1

[51] **Int.Cl. A61M 16/04 (2006.01)**  
[25] EN  
[54] **LARYNGEAL MASK WITH PIRIFORM-FOSSA CONDUIT**  
[54] **MASQUE LARYNGE AVEC CONDUIT POUR SINUS PIRIFORME**  
[72] STIX, MICHAEL, US  
[71] STIX, MICHAEL, US  
[85] 2016-10-03  
[86] 2015-01-28 (PCT/US2015/013239)  
[87] (WO2015/152985)  
[30] US (61/973,791) 2014-04-01  
[30] US (14/551,150) 2014-11-24

[21] **2,944,737**  
[13] A1

[51] **Int.Cl. A42B 3/00 (2006.01)**  
[25] EN  
[54] **ADAPTIVE FIT HELMET AND METHOD FOR FITTING HELMET TO CUSTOMER HEAD**  
[54] **CASQUE A AJUSTEMENT ADAPTATIF, ET PROCEDE POUR MONTER UN CASQUE SUR UNE TETE DE CLIENT**  
[72] MUSAL, MICHAEL J., US  
[71] BELL SPORTS, INC., US  
[85] 2016-10-03  
[86] 2015-02-05 (PCT/US2015/014558)  
[87] (WO2015/152992)  
[30] US (61/974,713) 2014-04-03  
[30] US (14/613,670) 2015-02-04

[21] **2,944,743**  
[13] A1

[51] **Int.Cl. A61K 31/138 (2006.01)**  
[25] EN  
[54] **METHODS OF TREATING MELANOMA**  
[54] **METHODES POUR TRAITER UN MELANOME**  
[72] WAINER, IRVING W., US  
[71] MITCHELL WOODS PHARMACEUTICALS, INC., US  
[85] 2016-10-03  
[86] 2015-04-01 (PCT/US2015/023810)  
[87] (WO2015/153725)  
[30] US (61/974,861) 2014-04-03

[21] **2,944,744**  
[13] A1

[51] **Int.Cl. A61B 17/70 (2006.01)**  
[25] EN  
[54] **PERCUTANEOUS METHOD FOR ALIGNING A SPINE USING DEPLOYABLE BONE ANCHORS**  
[54] **PROCEDE PERCUTANE PERMETTANT D'ALIGNER UNE COLONNE VERTEBRALE EN UTILISANT DES ANCRAGES OSSEUX DEPLOYABLES**  
[72] SUDDABY, LOUBERT S., US  
[71] SUDDABY, LOUBERT S., US  
[85] 2016-10-03  
[86] 2015-04-01 (PCT/US2015/023879)  
[87] (WO2015/153758)  
[30] US (14/244,241) 2014-04-03

[21] **2,944,745**  
[13] A1

[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 20/00 (2012.01)**  
[25] EN  
[54] **VIRTUAL JEWELRY SHOPPING EXPERIENCE WITH IN-STORE PREVIEW**  
[54] **EXPERIENCE VIRTUELLE D'ACHAT DE BIJOUTERIE AVEC PREVISUALISATION EN MAGASIN**  
[72] WATKINS, BRIAN, US  
[72] TAM, SIMON, US  
[72] BERG, ALEX, US  
[72] KLEIN, MOSHE, US  
[72] KLEIN, JOEL, US  
[72] LUTNICK, HOWARD W., US  
[71] ELECTRONIC COMMODITIES EXCHANGE, L.P., US  
[85] 2016-10-03  
[86] 2015-04-01 (PCT/US2015/023909)  
[87] (WO2015/153783)  
[30] US (61/973,643) 2014-04-01

[21] **2,944,746**  
[13] A1

[51] **Int.Cl. G01B 3/10 (2006.01)**  
[25] EN  
[54] **SELF-SUPPORTING COLLAPSABLE AND RETRACTABLE ELONGATE MEMBER AND METHOD OF RETRACTING**  
[54] **ELEMENT ALLONGE PLIABLE ET RETRACTABLE AUTOPORTANT ET PROCEDE DE RETRACTATION**  
[72] BROOKS, TODD D., US  
[71] BROOKS, TODD D., US  
[85] 2016-10-03  
[86] 2015-04-02 (PCT/US2015/023969)  
[87] (WO2015/153824)  
[30] US (14/243,569) 2014-04-02

[21] **2,944,747**  
[13] A1

[51] **Int.Cl. A62D 1/00 (2006.01) A62D 1/02 (2006.01)**  
[25] EN  
[54] **FIRE EXTINGUISHING COMPOSITIONS AND METHOD**  
[54] **COMPOSITIONS D'EXTINCTION D'INCENDIE ET PROCEDE CORRESPONDANT**  
[72] LIBAL, JOHN PAUL, US  
[71] TYCO FIRE PRODUCTS LP, US  
[85] 2016-10-03  
[86] 2015-04-02 (PCT/US2015/024010)  
[87] (WO2015/153843)  
[30] US (61/974,158) 2014-04-02

[21] **2,944,748**  
[13] A1

[51] **Int.Cl. G01S 7/41 (2006.01) G01S 13/89 (2006.01)**  
[25] EN  
[54] **PARTITIONING FOR RADAR SYSTEMS**  
[54] **PARTITIONNEMENT DESTINE A DES SYSTEMES RADARS**  
[72] ROSE, ALEC, US  
[71] EVOLV TECHNOLOGIES, INC., US  
[85] 2016-10-03  
[86] 2015-04-03 (PCT/US2015/024312)  
[87] (WO2015/154009)  
[30] US (61/974,775) 2014-04-03

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[21] **2,944,752**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) H05B 37/02 (2006.01)**

[25] EN

[54] **LED LIGHTING INCORPORATING DMX COMMUNICATION**

[54] **ECLAIRAGE A DEL INCORPORANT UNE COMMUNICATION DMX**

[72] BOVINO, MICHAEL, US

[71] BOVINO, MICHAEL, US

[85] 2016-10-03

[86] 2015-04-03 (PCT/US2015/024323)

[87] (WO2015/154015)

[30] US (61/974,507) 2014-04-03

[30] US (62/013,258) 2014-06-17

[30] US (62/093,470) 2014-12-18

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[21] **2,944,755**  
[13] A1

[51] **Int.Cl. A61K 31/4985 (2006.01) C07D 471/14 (2006.01)**

[25] EN

[54] **ORGANIC COMPOUNDS COMPOSES ORGANIQUES**

[72] MATES, SHARON, US

[72] LI, PENG, US

[72] WENNOGLE, LAWRENCE P., US

[72] DAVIS, ROBERT, US

[71] INTRA-CELLULAR THERAPIES, INC., US

[85] 2016-10-03

[86] 2015-04-03 (PCT/US2015/024345)

[87] (WO2015/154030)

[30] US (61/975,502) 2014-04-04

[30] US (62/015,120) 2014-06-20

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[21] **2,944,756**  
[13] A1

[51] **Int.Cl. G01S 7/41 (2006.01) G01S 13/89 (2006.01)**

[25] EN

[54] **FEATURE EXTRACTION FOR RADAR**

[54] **EXTRACTION DE CARACTERISTIQUES POUR RADAR**

[72] ROSE, ALEC, US

[71] EVOLV TECHNOLOGIES, INC., US

[85] 2016-10-03

[86] 2015-04-03 (PCT/US2015/024330)

[87] (WO2015/154017)

[30] US (61/974,775) 2014-04-03

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[21] **2,944,767**  
[13] A1

[51] **Int.Cl. G01N 30/72 (2006.01) G01N 33/48 (2006.01)**

[25] EN

[54] **ISOTYPING IMMUNOGLOBULINS USING ACCURATE MOLECULAR MASS**

[54] **ISOTYPAGE D'IMMUNOGLOBULINES PAR MASSE MOLECULAIRE PRECISE**

[72] MURRAY, DAVID L., US

[72] BARNIDGE, DAVID R., US

[72] DASARI, SURENDRA, US

[72] MILLS, JOHN R., US

[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US

[85] 2016-10-03

[86] 2015-04-03 (PCT/US2015/024379)

[87] (WO2015/154052)

[30] US (61/975,524) 2014-04-04

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[21] **2,944,768**  
[13] A1

[51] **Int.Cl. A61K 39/145 (2006.01) A61K 9/00 (2006.01) A61K 47/16 (2006.01) C07K 14/11 (2006.01)**

[25] EN

[54] **COMPOSITIONS OF MULTIMERIC-MULTIEPITOPE INFLUENZA POLYPEPTIDES AND THEIR PRODUCTION**

[54] **COMPOSITIONS DE POLYPEPTIDES MULTIMERES-MULTI-EPIPODES DE GRIPPE ET LEUR PRODUCTION**

[72] HASSIN, SHIMON, IL

[72] URITSKI, RAM, IL

[72] COHEN, BARRY, IL

[72] GADRI, ZOHAR, IL

[71] BIONDVAX PHARMACEUTICALS LTD., IL

[85] 2016-10-03

[86] 2015-04-01 (PCT/IL2015/050354)

[87] (WO2015/151103)

[30] US (61/974,449) 2014-04-03

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[21] **2,944,769**  
[13] A1

[51] **Int.Cl. G01R 31/36 (2006.01) H02J 15/00 (2006.01)**

[25] EN

[54] **POWER STORAGE DEVICE, CONTROL METHOD, CONTROL DEVICE, POWER STORAGE SYSTEM, MAINTENANCE SYSTEM, ELECTRIC VEHICLE, AND ELECTRONIC EQUIPMENT**

[54] **DISPOSITIF DE STOCKAGE DE COURANT, PROCEDE DE COMMANDE, DISPOSITIF DE COMMANDE, SYSTEME DE STOCKAGE DE COURANT, SYSTEME DE MAINTENANCE, VEHICULE ELECTRIQUE ET EQUIPEMENT ELECTRONIQUE**

[72] SUGENO, NAOYUKI, JP

[72] ODASHIMA, YOSHIHIRO, JP

[72] SATO, KAZUMI, JP

[72] TERAUCHI, MASUMI, JP

[72] ENDO, NARUHIKO, JP

[72] TAJIMA, TOSHIO, JP

[72] UMETSU, KOJI, JP

[71] SONY CORPORATION, JP

[85] 2016-10-03

[86] 2015-03-18 (PCT/JP2015/001494)

[87] (WO2015/155939)

[30] JP (2014-081830) 2014-04-11

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[21] **2,944,770**  
[13] A1

[51] **Int.Cl. B21D 19/08 (2006.01) B21D 53/88 (2006.01)**

[25] EN

[54] **PRESS-FORMED PRODUCT, AUTOMOBILE STRUCTURAL MEMBER INCLUDING THE SAME, PRODUCTION METHOD AND PRODUCTION DEVICE FOR THE PRESS-FORMED PRODUCT**

[54] **ARTICLE MOULE PAR COMPRESSION, ELEMENT STRUCTURAL D'AUTOMOBILE EQUIPE DE CELUI-CI, ET PROCEDE ET DISPOSITIF DE FABRICATION DUDIT ARTICLE MOULE A LA PRESSE**

[72] ITO, YASUHIRO, JP

[72] NAKAZAWA, YOSHIKI, JP

[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2016-10-03

[86] 2015-03-20 (PCT/JP2015/001561)

[87] (WO2015/155943)

[30] JP (2014-080448) 2014-04-09

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[21] **2,944,773**  
[13] A1

[51] **Int.Cl. H04N 21/438 (2011.01) H04H 20/95 (2009.01) H04N 21/238 (2011.01) H04N 21/462 (2011.01) H04N 21/6332 (2011.01)**

[25] EN

[54] **RECEPTION APPARATUS, RECEPTION METHOD, TRANSMISSION APPARATUS, AND TRANSMISSION METHOD**

[54] **APPAREIL DE RECEPTION, PROCEDE DE RECEPTION, APPAREIL DE TRANSMISSION ET PROCEDE DE TRANSMISSION**

[72] KITAZATO, NAOHISA, JP  
[72] YAMAGISHI, YASUAKI, JP  
[72] KITAHARA, JUN, JP  
[71] SONY CORPORATION, JP  
[85] 2016-10-03  
[86] 2015-03-27 (PCT/JP2015/059587)  
[87] (WO2015/156150)  
[30] JP (2014-081536) 2014-04-11

[21] **2,944,774**  
[13] A1

[51] **Int.Cl. B25J 19/00 (2006.01)**

[25] EN

[54] **DATA COLLECTION SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE COLLECTE DE DONNEES**

[72] NAKAMURA, KAZUYUKI, JP  
[71] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP  
[85] 2016-10-03  
[86] 2015-03-31 (PCT/JP2015/060091)  
[87] (WO2015/156165)  
[30] JP (2014-079280) 2014-04-08

[21] **2,944,775**  
[13] A1

[51] **Int.Cl. G01N 33/00 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **METHODS, DEVICES, AND REAGENTS FOR MONITORING PACLITAXEL CONCENTRATION IN PLASMA FOR PHARMACOKINETIC-GUIDED DOSING OF PACLITAXEL**

[54] **PROCEDES, DISPOSITIFS ET REACTIFS PERMETTANT DE SURVEILLER UNE CONCENTRATION DE PACLITAXEL DANS LE PLASMA POUR UN DOSAGE DE PACLITAXEL PHARMACOCINETIQUEMENT GUIDE**

[72] LEE, YUEH JUNG, US  
[72] PARK, CHULHO, US  
[71] AUTOTELIC LLC, US  
[85] 2016-10-03  
[86] 2015-04-06 (PCT/US2015/024578)  
[87] (WO2015/154091)  
[30] US (61/975,386) 2014-04-04  
[30] US (62/051,757) 2014-09-17

[21] **2,944,776**  
[13] A1

[51] **Int.Cl. G01N 33/92 (2006.01) G01N 30/88 (2006.01)**

[25] EN

[54] **METHOD FOR ANALYZING LIPOPROTEINS**

[54] **PROCEDE D'ANALYSE DE LIPOPROTEINES**

[72] OKAZAKI, MITSUYO, JP  
[71] OKAZAKI, MITSUYO, JP  
[85] 2016-10-03  
[86] 2015-04-02 (PCT/JP2015/060467)  
[87] (WO2015/152371)  
[30] JP (2014-077433) 2014-04-04

[21] **2,944,777**  
[13] A1

[51] **Int.Cl. B23D 21/00 (2006.01) B23D 21/04 (2006.01)**

[25] EN

[54] **MULTI-STAGE HYDRAULIC TOOL**

[54] **OUTIL HYDRAULIQUE MULTI-ETAGE**

[72] CHIASSON, MARK A., US  
[72] RZASA, MICHAEL P., US  
[72] BITTER, GEORGE R., US  
[71] HUBBELL INCORPORATED, US  
[85] 2016-10-03  
[86] 2015-04-07 (PCT/US2015/024725)  
[87] (WO2015/157292)  
[30] US (61/976,447) 2014-04-07

[21] **2,944,779**  
[13] A1

[51] **Int.Cl. C07C 231/02 (2006.01) C07C 231/18 (2006.01) C07C 233/58 (2006.01) C07D 211/60 (2006.01) C07B 61/00 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING HETEROCYCLIC COMPOUND**

[54] **PROCEDE DE PRODUCTION D'UN COMPOSE HETEROCYCLIQUE**

[72] YAMASHITA, HIRONORI, JP  
[72] MIWA, KAZUHIRO, JP  
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP  
[85] 2016-10-03  
[86] 2015-04-09 (PCT/JP2015/061075)  
[87] (WO2015/156346)  
[30] JP (2014-080984) 2014-04-10

[21] **2,944,780**  
[13] A1

[51] **Int.Cl. C08J 9/04 (2006.01) C08L 1/02 (2006.01) C08L 23/02 (2006.01) C08L 25/04 (2006.01) E04B 1/80 (2006.01)**

[25] EN

[54] **FOAMED PRODUCT**

[54] **MOUSSE**

[72] MATSUSHITA, TAKAMICHI, JP  
[71] KANKYOKEIEISOGOKENKYUSHO CO., INC., JP  
[85] 2016-10-03  
[86] 2015-05-29 (PCT/JP2015/065567)  
[87] (WO2016/121142)

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[21] **2,944,781**  
[13] A1

[51] **Int.Cl. H04N 21/2362 (2011.01) H04H 20/95 (2009.01) H04N 21/434 (2011.01) H04B 1/16 (2006.01)**

[25] EN

[54] **TRANSMISSION DEVICE, TRANSMISSION METHOD, RECEPTION DEVICE, AND RECEPTION METHOD**

[54] **APPAREIL D'EMISSION, PROCEDE D'EMISSION, APPAREIL DE RECEPTION ET PROCEDE DE RECEPTION**

[72] KITAHARA, JUN, JP

[72] KITAZATO, NAOHISA, JP

[72] YAMAGISHI, YASUAKI, JP

[72] TAKAHASHI, KAZUYUKI, JP

[72] YAMANE, TAKETOSHI, JP

[71] SONY CORPORATION, JP

[85] 2016-10-03

[86] 2016-01-29 (PCT/JP2016/052583)

[87] (WO2016/129407)

[30] JP (2015-024779) 2015-02-10

[30] JP (2015-042752) 2015-03-04

[21] **2,944,782**  
[13] A1

[51] **Int.Cl. C22C 29/02 (2006.01)**

[25] EN

[54] **TITANIUM CARBIDE OVERLAY AND METHOD OF MAKING**

[54] **REVETEMENT DE CARBURE DE TITANE ET PROCEDE DE FABRICATION**

[72] FIALA, PETR, CA

[72] CHAVES, OTHELO ENOJO, CA

[72] KOZCULAB, ERIC, CA

[71] OERLIKON METCO (US) INC., US

[85] 2016-10-03

[86] 2015-04-09 (PCT/US2015/025055)

[87] (WO2015/167769)

[30] US (61/986,516) 2014-04-30

[21] **2,944,783**  
[13] A1

[51] **Int.Cl. G06K 19/06 (2006.01) G06K 7/10 (2006.01)**

[25] EN

[54] **GENERATING AND DECODING MACHINE-READABLE OPTICAL CODES WITH AESTHETIC COMPONENT**

[54] **GENERATION ET DECODAGE DE CODES OPTIQUES LISIBLES PAR UNE MACHINE AYANT UN COMPOSANT ESTHETIQUE**

[72] STEIN, ANDREW, US

[71] ANKI, INC., US

[85] 2016-10-03

[86] 2015-04-09 (PCT/US2015/025108)

[87] (WO2015/157517)

[30] US (61/978,113) 2014-04-10

[21] **2,944,784**  
[13] A1

[51] **Int.Cl. C07K 16/30 (2006.01)**

[25] EN

[54] **CONJUGATED COMPOUNDS COMPRISING CYSTEINE-ENGINEERED ANTIBODIES**

[54] **COMPOSES CONJUGUES COMPRENANT DES ANTICORPS A CYSTEINE MANIPULEE**

[72] GAO, CHANGSHOU, US

[72] RAINEY, GODFREY, US

[72] GAO, CUIHUA, US

[71] MEDIMMUNE, LLC, US

[85] 2016-10-03

[86] 2015-04-10 (PCT/US2015/025237)

[87] (WO2015/157595)

[30] US (61/978,481) 2014-04-11

[21] **2,944,786**  
[13] A1

[51] **Int.Cl. H02G 7/05 (2006.01)**

[25] EN

[54] **SIDE-LOADING QUADRANT DEADEND CLAMP ASSEMBLY**

[54] **ENSEMBLE PINCE D'ANCRAGE A QUADRANT A CHARGEMENT LATERAL**

[72] DIOP, SEYDOU, US

[72] ZELAZNY, PAUL F., US

[72] BUNDREN, JASON L., US

[71] HUBBELL INCORPORATED, US

[85] 2016-10-03

[86] 2015-04-10 (PCT/US2015/025276)

[87] (WO2015/157619)

[30] US (61/978,716) 2014-04-11

[30] US (14/489,236) 2014-09-17

[21] **2,944,787**  
[13] A1

[51] **Int.Cl. C07D 475/10 (2006.01) A61K 31/33 (2006.01)**

[25] EN

[54] **COMPOUNDS AS MODULATORS OF ROR GAMMA**

[54] **COMPOSES UTILISES COMME MODULATEURS DE ROR GAMMA**

[72] BAKONYI, JOHANNA, US

[72] BRUNETTE, STEVEN RICHARD, US

[72] COLLIN, DELPHINE, US

[72] HUGHES, ROBERT OWEN, US

[72] LI, XIANG, US

[72] LIANG, SHUANG, US

[72] SIBLEY, ROBERT, US

[72] TURNER, MICHAEL ROBERT, US

[72] WU, LIFEN, US

[72] ZHANG, QIANG, US

[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE

[85] 2016-10-03

[86] 2015-04-10 (PCT/US2015/025328)

[87] (WO2015/160654)

[30] US (61/979,231) 2014-04-14

[21] **2,944,792**  
[13] A1

[51] **Int.Cl. B65G 47/52 (2006.01) B65G 47/66 (2006.01)**

[25] EN

[54] **CONVEYOR TRANSFER GUARDS**

[54] **PROTECTIONS DE TRANSFERT DE CONVOYEUR**

[72] PETTINGA, MARK STEVEN, US

[71] FLEXIBLE STEEL LACING COMPANY, US

[85] 2016-10-03

[86] 2015-04-10 (PCT/US2015/025484)

[87] (WO2015/157740)

[30] US (61/977,866) 2014-04-10

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[21] **2,944,793**  
[13] A1

[51] **Int.Cl. B63H 1/14 (2006.01) B63H 1/26 (2006.01) B64C 11/16 (2006.01) B64C 11/26 (2006.01) F04D 29/38 (2006.01)**

[25] EN

[54] **HIGH PITCH STALL RESISTING PROPELLER**

[54] **HELICE A PAS ELEVE RESISTANTE AU DECROCHAGE**

[72] KRUGER, ULI, AU

[72] POCHANA, SUTEPONG, TH

[71] CLEANFUTURE ENERGY CO LTD., TH

[71] KRUGER, ULI, AU

[85] 2016-10-04

[86] 2015-04-07 (PCT/AU2015/000209)

[87] (WO2015/154131)

[30] AU (2014901273) 2014-04-08

[21] **2,944,794**  
[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01)**

[25] EN

[54] **LIMITING USER INTERACTION WITH A COMPUTING DEVICE BASED ON PROXIMITY OF A USER**

[54] **LIMITATION D'INTERACTION D'UTILISATEUR AVEC UN DISPOSITIF INFORMATIQUE SUR LA BASE DE LA PROXIMITE D'UN UTILISATEUR**

[72] SHAH, NISHIT, US

[72] LIU, KAN, US

[72] SENGUPTA, CAESAR, US

[72] SMITH, BENJAMIN THOMAS, US

[72] SACHS, ERIC, US

[72] UPADHYAY, MAYANK DUTT, US

[72] BALFANZ, DIRK, US

[72] LEVIN, MICHAL, US

[71] GOOGLE, INC., US

[85] 2016-10-03

[86] 2015-04-14 (PCT/US2015/025697)

[87] (WO2015/160767)

[30] US (61/980,018) 2014-04-15

[30] US (14/619,024) 2015-02-10

[21] **2,944,795**  
[13] A1

[51] **Int.Cl. B05B 12/08 (2006.01) A01G 25/00 (2006.01) A01G 25/16 (2006.01)**

[25] EN

[54] **SPRINKLER APPARATUS AND SYSTEM FOR IRRIGATION**

[54] **APPAREIL D'ARROSAGE ET SYSTEME D'IRRIGATION**

[72] COTE, CAMERON, CA

[71] COTE, KRISTY, CA

[85] 2016-10-04

[86] 2014-12-31 (PCT/CA2014/051271)

[87] (WO2015/157844)

[30] US (61/979,355) 2014-04-14

[21] **2,944,796**  
[13] A1

[51] **Int.Cl. B65D 47/30 (2006.01) A47K 5/122 (2006.01) B65D 47/32 (2006.01) F16K 7/12 (2006.01) F16K 15/14 (2006.01) F16K 24/04 (2006.01)**

[25] EN

[54] **VALVE CLOSURES**

[54] **FERMETURES A VALVE**

[72] MALONEY, MICHAEL, CA

[72] MALONEY, SEAN, CA

[72] MORTON, JUSTIN, CA

[71] IS?MI VISION INC., CA

[85] 2016-10-04

[86] 2015-04-02 (PCT/CA2015/000227)

[87] (WO2015/149160)

[30] US (61/975,273) 2014-04-04

[21] **2,944,797**  
[13] A1

[51] **Int.Cl. A63H 33/18 (2006.01) A63B 65/00 (2006.01) F42B 6/06 (2006.01)**

[25] EN

[54] **SHAFTED PROJECTILE HAVING HEAD**

[54] **PROJECTILE A MANCHE DOTE D'UNE TETE**

[72] CUMMINGS, PETER J., CN

[71] KMA CONCEPTS LIMITED, CN

[85] 2016-10-04

[86] 2014-04-04 (PCT/CN2014/074870)

[87] (WO2015/149376)

[21] **2,944,798**  
[13] A1

[51] **Int.Cl. H04W 72/04 (2009.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR OFDM WITH FLEXIBLE SUB-CARRIER SPACING AND SYMBOL DURATION**

[54] **SYSTEMES ET PROCEDES POUR MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE (OFDM) AYANT UN ESPACEMENT DE SOUS-PORTEUSES ET UNE DUREE DE SYMBOLE FLEXIBLES**

[72] JIA, MING, CA

[72] MA, JIANGLEI, CA

[71] HUAWEI TECHNOLOGIES CO., LTD., CN

[85] 2016-10-04

[86] 2015-03-04 (PCT/CN2015/073646)

[87] (WO2015/131827)

[30] US (61/949,805) 2014-03-07

[30] US (14/627,836) 2015-02-20

[21] **2,944,799**  
[13] A1

[51] **Int.Cl. A61M 5/46 (2006.01)**

[25] EN

[54] **CANNULA DEPLOYMENT MECHANISM**

[54] **MECANISME DE DEPLOIEMENT DE CANULE**

[72] COLE, RUSSELL, US

[72] JACKSON, ALYSSA, US

[71] BECTON, DICKINSON AND COMPANY, US

[85] 2016-10-03

[86] 2015-04-23 (PCT/US2015/027358)

[87] (WO2015/164645)

[30] US (14/261,386) 2014-04-24

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[13] A1

[51] **Int.Cl. C12N 1/08 (2006.01) C07H 21/00 (2006.01) C12N 15/10 (2006.01)**

[25] EN

[54] **METHODS FOR PURIFICATION OF MESSENGER RNA**

[54] **PROCEDES DE PURIFICATION DE L'ARN MESSAGER**

[72] DEROSA, FRANK, US

[72] DIAS, ANUSHA, US

[72] KARVE, SHRIRANG, US

[72] HEARTLEIN, MICHAEL, US

[71] SHIRE HUMAN GENETIC THERAPIES, INC., US

[85] 2016-10-03

[86] 2015-04-24 (PCT/US2015/027563)

[87] (WO2015/164773)

[30] US (61/984,503) 2014-04-25

[21] **2,944,801**  
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61P 3/10 (2006.01) A61P 9/10 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07D 519/00 (2006.01)**

[25] EN

[54] **ANALOGUES OF 4H-PYRAZOLO[1,5-A]BENZIMIDAZOLE COMPOUND AS PARP INHIBITORS**

[54] **ANALOGUES DE COMPOSE 4H-PYRAZOLO[1,5-?]BENZIMIDAZOLE UTILISES EN TANT QU'INHIBITEURS DE PARP**

[72] DING, ZHAOZHONG, CN

[72] CHEN, SHUHUI, CN

[72] LI, GANG, CN

[72] WANG, CAILIN, CN

[72] ZHANG, ZHIBO, CN

[72] WANG, XUEHAI, CN

[72] XU, YONG, CN

[72] LI, LIE, CN

[72] TU, RONGHUA, CN

[72] YUE, YANG, CN

[72] CHEN, HAILIANG, CN

[72] SUN, WENJIE, CN

[72] HUANG, LU, CN

[71] HUBEI BIO-PHARMACEUTICAL INDUSTRIAL TECHNOLOGICAL INSTITUTE INC., CN

[71] HUMANWELL HEALTHCARE (GROUP) CO., LTD., CN

[71] MEDSHINE DISCOVERY INC., CN

[85] 2016-10-04

[86] 2015-03-30 (PCT/CN2015/075363)

[87] (WO2015/154630)

[30] CN (201410144173.0) 2014-04-10

[30] CN (201510113090.X) 2015-03-13

[21] **2,944,802**  
[13] A1

[51] **Int.Cl. F21V 17/10 (2006.01) F21V 29/74 (2015.01) F21S 2/00 (2016.01)**

[25] EN

[54] **ADAPTER FOR CHANGING LED LIGHT BULBS**

[54] **ADAPTATEUR PERMETTANT DE CHANGER DES AMPOULES A DEL**

[72] GURWICZ, JOSEPH, US

[72] ROSEN, MICHAEL, US

[71] GURWICZ, JOSEPH, US

[71] ROSEN, MICHAEL, US

[85] 2016-10-03

[86] 2015-04-28 (PCT/US2015/027935)

[87] (WO2015/168084)

[30] US (61/987,175) 2014-05-01

[30] US (14/457,871) 2014-08-12

[21] **2,944,803**  
[13] A1

[51] **Int.Cl. F22B 37/08 (2006.01)**

[25] EN

[54] **TWO-PIECE CERAMIC FERRULE ASSEMBLY**

[54] **ENSEMBLE FERRULE EN CERAMIQUE EN DEUX PARTIES**

[72] COLLINS, EDWIN L., III, US

[72] RUSSELL, WILLIAM P., US

[72] BOLEBRUCH, JEFFREY J., US

[71] BLASCH PRECISION CERAMICS, INC., US

[85] 2016-10-03

[86] 2015-05-11 (PCT/US2015/030120)

[87] (WO2015/175395)

[30] US (61/993,326) 2014-05-15

[21] **2,944,804**  
[13] A1

[51] **Int.Cl. F04C 2/40 (2006.01)**

[25] EN

[54] **ECCENTRIC MOVABLE VANE PUMP**

[54] **POMPE A PALETTES MOBILES EXCENTRIQUE**

[72] TANG, BIN, CN

[71] TANG, BIN, CN

[85] 2016-10-04

[86] 2015-04-05 (PCT/CN2015/075934)

[87] (WO2015/154645)

[30] CN (201420169067.3) 2014-04-09

[30] CN (201420233783.3) 2014-05-08

[30] CN (201420605560.5) 2014-10-18

[30] CN (201420773442.5) 2014-12-08

[21] **2,944,805**  
[13] A1

[51] **Int.Cl. C07F 9/09 (2006.01) C07F 9/117 (2006.01)**

[25] EN

[54] **PHENANTHROLINE PHOSPHONIC ACID DERIVATIVE AND PREPARATION METHOD THEREFOR AND APPLICATION THEREOF**

[54] **DERIVE D'ACIDE PHOSPHONIQUE DE PHENANTHROLINE ET SON PROCEDE DE PREPARATION ET D'UTILISATION**

[72] ZHU, YUE, CN

[72] LIAO, YUZHEN, CN

[72] ZHANG, LI, CN

[72] BAI, XU, CN

[71] BERYL THERAPEUTICS, INC, CN

[85] 2016-10-04

[86] 2015-04-10 (PCT/CN2015/076273)

[87] (WO2015/154716)

[30] CN (201410142608.8) 2014-04-10

[21] **2,944,807**  
[13] A1

[51] **Int.Cl. G01K 7/32 (2006.01) G01K 17/00 (2006.01)**

[25] EN

[54] **HOLLOW MICRO STRING BASED CALORIMETER DEVICE**

[54] **DISPOSITIF CALORIMETRE A BASE DE MICROCORDE CREUSE**

[72] SCHMID, SILVAN, DK

[72] BOISEN, ANJA, DK

[72] LARSEN, TOM, US

[72] KHAN, MUHAMMAD FAHEEM, CA

[71] DANMARKS TEKNISKE UNIVERSITET, DK

[85] 2016-10-04

[86] 2014-04-04 (PCT/DK2014/050080)

[87] (WO2014/161553)

[30] EP (13162524.6) 2013-04-05

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[51] <b>Int.Cl. B60P 1/38 (2006.01)</b> [25] EN [54] <b>APPARATUS FOR DISCHARGE OF BULK MATERIALS</b> [54] <b>APPAREIL D'EVACUATION DE MATERIAUX EN VRAC</b> [72] SZENTIMREY, MARK, CA [72] SINKE, GLENN, CA [71] CAN AMERICAN STONE SPREADER SALES LTD., CA [85] 2016-10-04 [86] 2015-07-24 (PCT/CA2015/050700) [87] (WO2016/015144) [30] CA (2857903) 2014-07-28	[51] <b>Int.Cl. G06Q 10/08 (2012.01) G06Q 50/28 (2012.01) A47G 29/14 (2006.01) B64F 1/04 (2006.01) B65G 67/00 (2006.01) G07F 17/12 (2006.01)</b> [25] EN [54] <b>METHOD FOR DELIVERING A SHIPMENT BY AN UNMANNED TRANSPORT DEVICE</b> [54] <b>PROCEDE DE REMISE D'UN ENVOI PAR L'INTERMEDIAIRE D'UN MOYEN DE TRANSPORT SANS PILOTE</b> [72] OGILVIE, THOMAS, DE [72] PRUSKI, MATTHAUS, DE [72] BENZ, RAMIN, DE [71] DEUTSCHE POST AG, DE [85] 2016-10-04 [86] 2015-04-01 (PCT/EP2015/057152) [87] (WO2015/155087) [30] DE (10 2014 105 196.3) 2014-04-11	[51] <b>Int.Cl. C12N 9/00 (2006.01)</b> [25] FR [54] <b>COLISTIN SYNTHETASES AND CORRESPONDING GENE CLUSTER</b> [54] <b>SYNTHETASES DE LA COLISTINE ET CLUSTER DE GENES CORRESPONDANTS</b> [72] CHEVROT, ROMAIN, FR [72] TAMBADOU, FATOUMATA, FR [72] CARADEC, THIBAUT, FR [72] DIDELOT, SANDRINE, FR [72] BARTHELEMY, CYRILLE, FR [71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR [71] UNIVERSITE LA ROCHELLE, FR [85] 2016-07-26 [86] 2015-01-26 (PCT/IB2015/050571) [87] (WO2015/111013) [30] FR (1450641) 2014-01-27
[21] <b>2,944,811</b> [13] A1	[21] <b>2,944,825</b> [13] A1	[21] <b>2,944,830</b> [13] A1
[51] <b>Int.Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01) A61K 39/395 (2006.01) A61P 37/06 (2006.01) C07K 16/24 (2006.01) C07K 16/28 (2006.01)</b> [25] EN [54] <b>COMBINATION THERAPY FOR THE TREATMENT OF AUTOIMMUNE DISEASES</b> [54] <b>POLYTHERAPIE POUR LE TRAITEMENT DE MALADIES AUTO-IMMUNES</b> [72] CHRISTEN, URS, DE [72] LASCH, STANLEY, DE [72] PARNHAM, MICHAEL, DE [71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE [85] 2016-10-04 [86] 2014-04-08 (PCT/EP2014/057077) [87] (WO2015/154795)	[51] <b>Int.Cl. F04C 23/00 (2006.01) F04B 37/14 (2006.01) F04C 25/02 (2006.01) F04F 5/20 (2006.01) F04F 5/54 (2006.01)</b> [25] FR [54] <b>METHOD OF PUMPING IN A PUMPING SYSTEM AND VACUUM PUMP SYSTEM</b> [54] <b>METHODE DE POMPAGE DANS UN SYSTEME DE POMPAGE ET SYSTEME DE POMPES A VIDE</b> [72] MULLER, DIDIER, CH [72] LARCHER, JEAN-ERIC, FR [72] ILTCHEV, THEODORE, FR [71] ATELIERS BUSCH SA, CH [85] 2016-10-03 [86] 2014-05-01 (PCT/EP2014/058948) [87] (WO2015/165544)	[51] <b>Int.Cl. C23G 1/18 (2006.01) C09D 9/00 (2006.01) C23C 18/18 (2006.01) C23G 1/14 (2006.01) C23G 1/24 (2006.01) C23G 1/26 (2006.01)</b> [25] EN [54] <b>METHOD FOR REMOVING SUBSTRATES PROVIDED WITH ORGANIC COATINGS</b> [54] <b>PROCEDE D'ELIMINATION DE SUBSTRATS RECOUVERT D'UN REVETEMENT ORGANIQUE</b> [72] EILINGHOFF, RON, DE [72] SCHWAMB, MICHAEL, DE [72] WASSERFALLEN, DANIEL, DE [72] SOTKE, VERA, DE [72] FRENKEL, ALIAKSANDR, DE [72] GEROLD, STEPHANIE, DE [72] BREMSER, WOLFGANG, DE [72] DROLL, MARTIN, DE [72] SEEWALD, OLIVER, DE [72] NIESEN-WARKENTIN, EVGENIJA, DE [72] SCHACHTSIEK, LARS, DE [72] TRAUT, MANUEL, DE [71] CHEMETALL GMBH, DE [85] 2016-07-27 [86] 2015-02-03 (PCT/EP2015/052203) [87] (WO2015/117959) [30] DE (102014201919.2) 2014-02-04

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[13] A1

[51] **Int.Cl. A61K 31/196 (2006.01) A61K 9/107 (2006.01) A61K 47/08 (2006.01) A61K 47/24 (2006.01)**

[25] EN

[54] **AQUEOUS LIQUID PREPARATION CONTAINING 2-AMINO-3-(4-BROMOBENZOYL)PHENYLACETIC ACID**

[54] **PREPARATION LIQUIDE AQUEUSE CONTENANT DE L'ACIDE 2-AMINO-3-(4-BROMOBENZOYL)PHENYLACETIQUE**

[72] SAWA, SHIROU, JP  
[72] FUJITA, SHUHEI, JP  
[72] BAKLAYAN, GEORGE A., US  
[72] PADILLA, ANGELIQUEO E., US  
[71] SENJU PHARMACEUTICAL CO., LTD., JP

[85] 2016-10-04  
[86] 2015-05-05 (PCT/IB2015/000887)  
[87] (WO2015/170177)  
[30] US (14/269,692) 2014-05-05

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[21] **2,944,833**  
[13] A1

[51] **Int.Cl. B62D 35/00 (2006.01)**

[25] EN

[54] **IMPROVEMENTS IN THE FUEL EFFICIENCY OF ROAD VEHICLES**

[54] **AMELIORATIONS DU RENDEMENT DU CARBURANT DES VEHICULES ROUTIERS**

[72] BACON, ANDY, GB  
[71] BACON, ANDY, GB

[85] 2016-10-04  
[86] 2014-04-07 (PCT/GB2014/051083)  
[87] (WO2014/162158)  
[30] GB (1306219.5) 2013-04-05  
[30] GB (1313553.8) 2013-07-30

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[21] **2,944,838**  
[13] A1

[51] **Int.Cl. H01L 35/34 (2006.01) H01L 35/08 (2006.01) H01L 35/32 (2006.01)**

[25] EN

[54] **METHOD FOR MANUFACTURING THERMOELECTRIC CONVERSION ELEMENT, AND THERMOELECTRIC CONVERSION ELEMENT**

[54] **PROCEDE DE FABRICATION D'ELEMENT DE CONVERSION THERMOELECTRIQUE ET ELEMENT DE CONVERSION THERMOELECTRIQUE**

[72] UCHIYAMA, NAOKI, JP  
[72] KUBO, KAZUYA, JP  
[71] ATSUMITEC CO., LTD., JP

[85] 2016-07-27  
[86] 2015-01-21 (PCT/JP2015/051562)  
[87] (WO2015/118948)  
[30] JP (2014-019336) 2014-02-04

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[21] **2,944,840**  
[13] A1

[51] **Int.Cl. H04N 21/435 (2011.01) H04N 21/235 (2011.01) H04N 21/643 (2011.01)**

[25] EN

[54] **RECEPTION APPARATUS, RECEPTION METHOD, AND TRANSMISSION METHOD**

[54] **DISPOSITIF DE RECEPTION, PROCEDE DE RECEPTION, DISPOSITIF D'EMISSION ET PROCEDE D'EMISSION**

[72] YAMAGISHI, YASUAKI, JP  
[72] KITAZATO, NAOHISA, JP  
[71] SONY CORPORATION, JP

[85] 2016-10-04  
[86] 2015-04-13 (PCT/JP2015/061312)  
[87] (WO2015/163172)  
[30] JP (2014-090102) 2014-04-24

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[21] **2,944,844**  
[13] A1

[51] **Int.Cl. B60R 16/02 (2006.01) B60K 35/00 (2006.01) G02B 27/01 (2006.01) G06F 3/048 (2013.01)**

[25] EN

[54] **DISPLAY DEVICE AND VEHICLE**

[54] **DISPOSITIF D'AFFICHAGE ET VEHICULE**

[72] YOKOTA, SOICHIRO, JP  
[72] SAISHO, KENICHIROH, JP  
[72] YOSHIKAWA, HIROMI, JP  
[72] ISHIGAKI, TOMOKO, JP  
[72] SAKOH, FUMIKO, JP  
[71] RICOH COMPANY, LTD., JP

[85] 2016-10-04  
[86] 2015-04-30 (PCT/JP2015/063539)  
[87] (WO2015/174383)  
[30] JP (2014-102093) 2014-05-16  
[30] JP (2015-061053) 2015-03-24

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[21] **2,944,845**  
[13] A1

[51] **Int.Cl. B21D 22/26 (2006.01) B60G 7/00 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING PRESS-FORMED PRODUCT AND AUTOMOBILE LOWER ARM**

[54] **PROCEDE DE FABRICATION D'ARTICLE MOULE A LA PRESSE ET BRAS INFERIEUR DE VEHICULE**

[72] ITO, YASUHIRO, JP  
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2016-10-04  
[86] 2015-04-06 (PCT/JP2015/001919)  
[87] (WO2015/155974)  
[30] JP (2014-082351) 2014-04-11  
[30] JP (2014-082352) 2014-04-11

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[21] **2,944,846**  
[13] A1

[51] **Int.Cl. A61K 35/74 (2015.01) A61K 35/741 (2015.01) A61K 35/742 (2015.01) A61K 35/745 (2015.01) A61K 39/39 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01)**

[25] EN  
[54] **COMPOSITIONS AND METHODS FOR INDUCTION OF TH17 CELLS**  
[54] **COMPOSITIONS ET METHODES D'INDUCTION DE CELLULES TH17**

[72] HONDA, KENYA, JP  
[72] ATARASHI, KOJI, JP  
[72] HATTORI, MASAHIRA, JP  
[72] MORITA, HIDETOSHI, JP  
[71] RIKEN, JP  
[71] THE UNIVERSITY OF TOKYO, JP  
[71] SCHOOL CORPORATION, AZABU VETERINARY MEDICINE EDUCATIONAL INSTITUTION, JP

[85] 2016-10-04  
[86] 2015-04-10 (PCT/JP2015/061771)  
[87] (WO2015/156419)  
[30] US (61/978,182) 2014-04-10

[21] **2,944,847**  
[13] A1

[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/00 (2006.01) C22C 38/60 (2006.01)**

[25] EN  
[54] **AUSTENITIC STAINLESS STEEL AND METHOD FOR PRODUCING THE SAME**  
[54] **TOLE D'ACIER INOXYDABLE AUSTENITIQUE ET SON PROCEDE DE PRODUCTION**

[72] DAN, ETSUO, JP  
[72] TERUNUMA, MASAOKI, JP  
[72] OSUKI, TAKAHIRO, JP  
[72] OMURA, TOMOHIKO, JP  
[72] NAKAMURA, JUN, JP  
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2016-10-04  
[86] 2015-04-17 (PCT/JP2015/002121)  
[87] (WO2015/159554)  
[30] JP (2014-085627) 2014-04-17

[21] **2,944,848**  
[13] A1

[51] **Int.Cl. C07D 213/75 (2006.01) A01N 37/18 (2006.01) A01N 43/20 (2006.01) A01N 43/40 (2006.01) A01N 43/54 (2006.01) A01P 17/00 (2006.01) C07C 233/65 (2006.01) C07C 233/66 (2006.01) C07C 233/76 (2006.01) C07D 239/42 (2006.01) C07D 239/48 (2006.01) C07D 331/04 (2006.01)**

[25] EN  
[54] **CYCLOPENTENE AND CYCLOPENTADIENE COMPOUNDS FOR CONTROLLING INVERTEBRATE PESTS**  
[54] **COMPOSES DE CYCLOPENTENE ET DE CYCLOPENTADIENE POUR LUTTER CONTRE LES NUISIBLES INVERTEBRES**

[72] BINDSCHADLER, PASCAL, DE  
[72] VON DEYN, WOLFGANG, DE  
[72] NARINE, ARUN, DE  
[72] KORBER, KARSTEN, DE  
[72] BRAUN, FRANZ-JOSEF, US  
[71] BASF SE, DE

[85] 2016-07-27  
[86] 2015-02-03 (PCT/EP2015/052142)  
[87] (WO2015/114157)  
[30] US (61/934,873) 2014-02-03  
[30] US (61/983,475) 2014-04-24

[21] **2,944,849**  
[13] A1

[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/18 (2012.01)**

[25] EN  
[54] **METHOD AND APPARATUS FOR GENERATING PULSES IN A FLUID COLUMN**  
[54] **PROCEDE ET APPAREIL DE GENERATION D'IMPULSIONS DANS UNE COLONNE DE FLUIDE**

[72] KUNDAM, RAVI KIRAN, IN  
[72] BODAKE, ABHAY RAGHUNATH, IN  
[72] RAWOOL, AMITKUMAR SURESH, IN

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-10-04  
[86] 2014-04-04 (PCT/US2014/033043)  
[87] (WO2015/152945)

[21] **2,944,854**  
[13] A1

[51] **Int.Cl. G06Q 30/06 (2012.01)**

[25] EN  
[54] **METHOD AND APPARATUS TO FACILITATE PROPERTY LEASING**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE FACILITER LA LOCATION IMMOBILIERE**

[72] MANSON, TIMOTHY KEVIN, US  
[71] PROPERTY CONNECT, INC., US

[85] 2016-10-04  
[86] 2014-04-04 (PCT/US2014/033053)  
[87] (WO2014/165808)  
[30] US (61/809,186) 2013-04-05

[21] **2,944,855**  
[13] A1

[51] **Int.Cl. G01R 31/12 (2006.01) G01R 31/34 (2006.01)**

[25] EN  
[54] **PARTIAL DISCHARGE MEASUREMENT DEVICE**  
[54] **DISPOSITIF DE MESURE DE DECHARGE PARTIELLE**

[72] IKEGAMI, TOMOMI, JP  
[72] YOSHIMITSU, TETSUO, JP  
[72] SAKURAI, TAKAYUKI, JP  
[72] HIROSE, TATSUYA, JP  
[72] HIROSHIMA, SATOSHI, JP  
[72] YAMAMOTO, YUJI, JP

[71] TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION, JP

[71] KABUSHIKI KAISHA TOSHIBA, JP  
[71] TOSHIBA INDUSTRIAL PRODUCTS AND SYSTEMS CORPORATION, JP

[85] 2016-10-04  
[86] 2015-04-21 (PCT/JP2015/002174)  
[87] (WO2015/162914)  
[30] JP (2014-089578) 2014-04-23

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[21] **2,944,857**  
[13] A1

[51] **Int.Cl. E21B 21/00 (2006.01) E21B 43/11 (2006.01) E21B 43/12 (2006.01)**

[25] EN

[54] **ESTABLISHING COMMUNICATION DOWNHOLE BETWEEN WELLBORES**

[54] **ETABLISSEMENT D'UNE COMMUNICATION EN FOND DE TROU ENTRE DES PUIITS DE FORAGE**

[72] HESS, JOSEPH, E., US  
[72] BURKY, THOMAS, E., US  
[72] CUTHBERT, ANDREW, J., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-10-04  
[86] 2014-05-17 (PCT/US2014/038520)  
[87] (WO2015/178875)

[21] **2,944,858**  
[13] A1

[51] **Int.Cl. B03C 7/08 (2006.01) B03C 7/00 (2006.01) B65G 15/44 (2006.01) F16G 1/14 (2006.01)**

[25] EN

[54] **IMPROVED CONTINUOUS BELT FOR BELT-TYPE SEPARATOR DEVICES**

[54] **COURROIE CONTINUE AMELIOREE ET DISPOSITIFS DE SEPARATEUR DU TYPE A COURROIE**

[72] FLYNN, KYLE P., US  
[72] RIVERA-ORTIZ, JOSE L., US  
[72] SERT, BULENT, US  
[71] SEPARATION TECHNOLOGIES LLC, US

[85] 2016-10-04  
[86] 2014-04-24 (PCT/US2014/035287)  
[87] (WO2015/163883)

[21] **2,944,860**  
[13] A1

[51] **Int.Cl. C05F 11/02 (2006.01) B02C 13/22 (2006.01)**

[25] EN

[54] **METHOD FOR COMPREHENSIVELY PROCESSING BROWN COAL AND LEONARDITE INTO HUMIC FERTILIZERS AND PREPARATIONS AND INTO FUEL BRIQUETTES, AND THE MECHANOCHEMICAL REACTOR FOR PROCESSING HIGHLY-VISCOUS MEDIA**

[54] **PROCEDE DE TRANSFORMATION COMPLEXE DES LIGNITES ET DE LA LEONARDITE EN DES ENGRAIS HUMIQUES, PREPARATIONS ET BRIQUES COMBUSTIBLES, ET REACTEUR CHIMIQUE ET MECANIQUE DE TRANSFORMATION DE MILIEUX FORTEMENT VISQUEUX**

[72] SEVAST'YANOV, VLADIMIR PETROVICH, RU  
[72] RABENKO, LEV IOSIFOVICH, UA  
[72] VARY'GIN, VITALIJ NIKOLAEVICH, RU  
[72] PETROV, ALEKSEJ IVANOVICH, UA  
[72] TOROP, KONSTANTIN NIKOLAEVICH, UA  
[71] SEVAST'YANOV, VLADIMIR PETROVICH, RU  
[71] RABENKO, LEV IOSIFOVICH, UA  
[71] VARY'GIN, VITALIJ NIKOLAEVICH, RU  
[71] PETROV, ALEKSEJ IVANOVICH, UA  
[71] TOROP, KONSTANTIN NIKOLAEVICH, UA

[85] 2016-10-04  
[86] 2014-07-23 (PCT/RU2014/000544)  
[87] (WO2015/163785)  
[30] RU (2014116670) 2014-04-23

[21] **2,944,861**  
[13] A1

[51] **Int.Cl. F03G 7/08 (2006.01)**

[25] EN

[54] **PIEZOELECTRIC ENERGY HARVESTER DEVICE WITH FREQUENCY OFFSET VIBRATIONAL HARVESTERS**

[54] **DISPOSITIF DE CAPTAGE D'ENERGIE PIEZOELECTRIQUE AVEC DISPOSITIFS DE CAPTAGE DE VIBRATIONS DECALES EN FREQUENCE**

[72] TRAUERNICHT, DAVID, US  
[71] MICROGEN SYSTEMS, INC., US

[85] 2016-10-04  
[86] 2014-04-24 (PCT/US2014/035296)  
[87] (WO2015/163885)

[21] **2,944,863**  
[13] A1

[51] **Int.Cl. C22C 38/00 (2006.01) C22C 38/58 (2006.01) B21D 22/20 (2006.01) C21D 9/46 (2006.01)**

[25] EN

[54] **HEAT-ROLLED STEEL PLATE FOR TAILORED ROLLED BLANK, TAILORED ROLLED BLANK, AND METHODS FOR PRODUCING THESE**

[54] **TOLE D'ACIER LAMINEE A CHAUD POUR EBAUCHE LAMINEE SUR MESURE, EBAUCHE LAMINEE SUR MESURE ET LEUR PROCEDE DE FABRICATION**

[72] YOKOI, TATSUO, JP  
[72] SAKURADA, EISAKU, JP  
[72] SUGIURA, NATSUKO, JP  
[72] FUKUI, KIYOYUKI, JP  
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2016-10-04  
[86] 2015-04-23 (PCT/JP2015/002212)  
[87] (WO2015/162932)  
[30] JP (2014-088778) 2014-04-23  
[30] JP (2014-088779) 2014-04-23

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[21] **2,944,864**  
[13] A1

[51] **Int.Cl. G01T 1/208 (2006.01) G01T 1/202 (2006.01) G01T 1/204 (2006.01)**

[25] EN

[54] **GUARD EFFICIENCY COMPENSATION SYSTEM**

[54] **SYSTEME DE COMPENSATION D'EFFICACITE DE PROTECTION**

[72] HARAZIN, RICHARD R., US

[71] PERKINELMER HEALTH SCIENCES, INC., US

[85] 2016-10-04

[86] 2015-03-24 (PCT/US2015/022186)

[87] (WO2015/160480)

[30] US (61/981,266) 2014-04-18

[30] US (14/630,047) 2015-02-24

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[21] **2,944,869**  
[13] A1

[51] **Int.Cl. G11B 20/10 (2006.01) G11B 20/12 (2006.01) G11B 27/00 (2006.01)**

[25] EN

[54] **RECORDING MEDIUM, PLAYBACK DEVICE, AND PLAYBACK METHOD**

[54] **SUPPORT D'ENREGISTREMENT, DISPOSITIF ET PROCEDE DE LECTURE**

[72] YAHATA, HIROSHI, JP

[72] TOMA, TADAMASA, JP

[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US

[85] 2016-10-04

[86] 2015-08-17 (PCT/JP2015/004063)

[87] (WO2016/038791)

[30] US (62/048,385) 2014-09-10

[30] US (62/109,262) 2015-01-29

[30] JP (2015-135393) 2015-07-06

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[21] **2,944,872**  
[13] A1

[51] **Int.Cl. E21B 44/00 (2006.01) E21B 21/06 (2006.01) G01N 15/02 (2006.01)**

[25] EN

[54] **PARTICLE SIZE CONTROL IN DRILLING FLUID**

[54] **CONTROLE DE LA DIMENSION DE PARTICULE DANS UN FLUIDE DE FORAGE**

[72] FREEMAN, THOMAS W., US

[72] DEWITTE, PAULA S., US

[72] TROY, ROBERT W., US

[71] PARTICLE SIZE ENGINEERING, LLC, US

[71] FREEMAN, THOMAS W., US

[71] DEWITTE, PAULA S., US

[71] TROY, ROBERT W., US

[85] 2016-10-04

[86] 2015-01-23 (PCT/US2015/012778)

[87] (WO2015/156893)

[30] US (14/250,557) 2014-04-11

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[21] **2,944,875**  
[13] A1

[51] **Int.Cl. G11B 27/00 (2006.01) G11B 20/10 (2006.01) G11B 20/12 (2006.01)**

[25] EN

[54] **RECORDING MEDIUM, PLAYBACK DEVICE, AND PLAYBACK METHOD**

[54] **SUPPORT D'ENREGISTREMENT, DISPOSITIF DE LECTURE, ET PROCEDE DE LECTURE**

[72] YAHATA, HIROSHI, JP

[72] TOMA, TADAMASA, JP

[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US

[85] 2016-10-04

[86] 2015-08-21 (PCT/JP2015/004185)

[87] (WO2016/038811)

[30] US (62/049,660) 2014-09-12

[30] JP (2015-138166) 2015-07-09

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[21] **2,944,878**  
[13] A1

[51] **Int.Cl. C09K 8/52 (2006.01) C09K 8/524 (2006.01)**

[25] EN

[54] **MULTIPLE HYDROPHILIC HEAD HYDRATE INHIBITORS**

[54] **INHIBITEURS D'HYDRATES A MULTIPLES TETES HYDROPHILES**

[72] QU, LIANGWEI, US

[72] SUN, YANQIU, US

[72] ZHAO, FUNIAN, US

[72] CONKLE, CURTIS, US

[72] ACOSTA, ERICK J., US

[71] MULTI-CHEM GROUP, LLC, US

[85] 2016-10-04

[86] 2014-05-05 (PCT/US2014/036738)

[87] (WO2015/171104)

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[21] **2,944,880**  
[13] A1

[51] **Int.Cl. B23K 35/30 (2006.01) B23K 35/368 (2006.01)**

[25] EN

[54] **HIGH STRENGTH NI-CR-MO-W-NB-TI WELDING PRODUCT AND METHOD OF WELDING AND WELD DEPOSIT USING THE SAME**

[54] **PRODUIT DE SOUDAGE NI-CR-MO-W-NB-TI A HAUTE RESISTANCE ET PROCEDE DE SOUDAGE ET DEPOT DE SOUDURE L'UTILISANT**

[72] KISER, SAMUEL D., US

[72] GOLLIHUE, RONALD D., US

[72] MANNAN, SARWAN K., US

[71] SPECIAL METALS CORPORATION, US

[85] 2016-10-04

[86] 2015-04-02 (PCT/US2015/024138)

[87] (WO2015/153905)

[30] US (61/975,358) 2014-04-04

[30] US (61/989,188) 2014-05-06

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[21] **2,944,881**  
[13] A1

[51] **Int.Cl. G06F 19/10 (2011.01)**  
[25] EN  
[54] **BEST-FIT AFFINITY SENSORLESS CONVERSION MEANS OR TECHNIQUE FOR PUMP DIFFERENTIAL PRESSURE AND FLOW MONITORING**

[54] **TECHNIQUE OU MOYENS DE CONVERSION SANS CAPTEUR D'AFFINITE A MEILLEUR AJUSTEMENT POUR PERMETTRE UNE SURVEILLANCE D'ECOULEMENT ET DE PRESSION DIFFERENTIELLE D'UNE POMPE**

[72] CHENG, ANDREW A., US  
[72] GU, JAMES J., US  
[72] SCOTT, GRAHAM A., US  
[71] FLUID HANDLING LLC, US  
[85] 2016-10-04  
[86] 2015-04-07 (PCT/US2015/024703)  
[87] (WO2015/157276)  
[30] US (61/976,749) 2014-04-08

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[21] **2,944,887**  
[13] A1

[51] **Int.Cl. A61K 31/19 (2006.01) A61K 47/48 (2006.01)**  
[25] EN  
[54] **ENHANCED POLYNUCLEOTIDE CONSTRUCTS FOR EUKARYOTIC GENE EXPRESSION**

[54] **CONSTRUCTIONS D'ACIDES NUCLEIQUES AMELIOREES POUR L'EXPRESSION DE GENES EUKARYOTES**

[72] MINSHULL, JEREMY, US  
[72] WELCH, MARK, US  
[72] GOVINDRAJAN, SRIDHAR, US  
[72] CAVES, KATE, US  
[71] DNA2.0, INC., US  
[85] 2016-10-04  
[86] 2015-04-09 (PCT/US2015/025209)  
[87] (WO2015/157579)  
[30] US (61/977,474) 2014-04-09  
[30] US (62/003,397) 2014-05-27  
[30] US (62/046,875) 2014-09-05  
[30] US (62/046,705) 2014-09-05  
[30] US (62/069,656) 2014-10-28  
[30] US (62/120,522) 2015-02-25

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[21] **2,944,896**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR METAGENOME BIOMARKER DETECTION**

[54] **COMPOSITIONS ET METHODES DE DETECTION D'ANALYTES**

[72] ROBERTSON, ERLE S., US  
[72] ALWINE, JAMES, US  
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US  
[85] 2016-10-04  
[86] 2015-04-10 (PCT/US2015/025415)  
[87] (WO2015/157696)  
[30] US (61/978,333) 2014-04-11

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[21] **2,944,899**  
[13] A1

[51] **Int.Cl. D21B 1/08 (2006.01) B09B 3/00 (2006.01)**  
[25] EN  
[54] **METHOD FOR RECYCLING WASTE MATERIAL WITH REDUCED ODOR EMISSION**

[54] **PROCEDE DE RECYCLAGE DE DECHETS AVEC EMISSION D'ODEUR REDUITE**

[72] HENRIKSSON, DAVID CHRISTER, US  
[72] WINKLER, WAYNE FREDERICK, US  
[72] LUCAS, BRADLEY E., US  
[71] GEORGIA-PACIFIC CONTAINERBOARD LLC, US  
[85] 2016-10-04  
[86] 2015-04-17 (PCT/US2015/026295)  
[87] (WO2015/161151)  
[30] US (14/256,652) 2014-04-18

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[21] **2,944,903**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**  
[25] EN  
[54] **TUMOR SUPPRESSOR AND ONCOGENE BIOMARKERS PREDICTIVE OF ANTI-IMMUNE CHECKPOINT INHIBITOR RESPONSE**

[54] **SUPPRESSEUR DE TUMEUR ET BIOMARQUEURS ONCOGENES PREDICTIFS DE REPONSE A UN INHIBITEUR DE POINT DE CONTROLE ANTI-IMMUNITAIRE**

[72] WONG, KWOK-KIN, US  
[71] DANA-FARBER CANCER INSTITUTE, INC., US  
[85] 2016-10-04  
[86] 2015-04-24 (PCT/US2015/027515)  
[87] (WO2015/164743)  
[30] US (61/983,602) 2014-04-24  
[30] US (62/012,689) 2014-06-16

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[21] **2,944,904**  
[13] A1

[51] **Int.Cl. B65D 30/08 (2006.01)**  
[25] EN  
[54] **WOVEN PLASTIC BAGS WITH FEATURES THAT REDUCE LEAKAGE, BREAKAGE AND INFESTATIONS**

[54] **SACS PLASTIQUE TISSES DOTES DE CARACTERISTIQUES PERMETTANT LA REDUCTION DE TOUTE FUITE, RUPTURE ET INFESTATION**

[72] BAZBAZ, JACOBO, US  
[72] ZAROLI, ALBERTO, US  
[71] POLYTEX FIBERS CORPORATION, US  
[85] 2016-10-04  
[86] 2015-04-03 (PCT/US2015/024319)  
[87] (WO2015/154014)  
[30] US (61/975,689) 2014-04-04

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[21] **2,944,905**  
[13] A1

[51] **Int.Cl. C08L 97/02 (2006.01) B01J 8/24 (2006.01) C08L 99/00 (2006.01)**

[25] EN

[54] **UPGRADING LIGNIN FROM LIGNIN-CONTAINING RESIDUES THROUGH REACTIVE EXTRACTION**

[54] **VALORISATION DE LA LIGNINE ISSUE DE RESIDUS CONTENANT DE LA LIGNINE PAR EXTRACTION REACTIVE**

[72] BALAKSHIN, MIKHAIL Y., US  
[72] CAPANEMA, EWELLYN A., US  
[72] COLAKYAN, MANUK, US  
[72] LIPIECKI, FRANCIS, US  
[71] RENMATIX, INC., US  
[85] 2016-10-04  
[86] 2015-05-01 (PCT/US2015/028815)  
[87] (WO2015/168571)  
[30] US (61/987,270) 2014-05-01  
[30] US (62/011,879) 2014-06-13

[21] **2,944,907**  
[13] A1

[51] **Int.Cl. E21B 10/02 (2006.01) E21B 10/48 (2006.01) E21B 10/60 (2006.01)**

[25] EN

[54] **SINGLE-WATERWAY DRILL BITS AND SYSTEMS FOR USING SAME**

[54] **TREPANS DE FORAGE POUR PASSAGES D'EAU UNIQUES ET SYSTEMES POUR LEUR UTILISATION**

[72] PEARCE, CODY A., US  
[72] RUPP, MICHAEL D., US  
[72] LAMBERT, CHRISTIAN M., US  
[71] LONGYEAR TM INC., US  
[85] 2016-10-04  
[86] 2015-04-06 (PCT/US2015/024515)  
[87] (WO2015/157173)  
[30] US (14/246,888) 2014-04-07

[21] **2,944,909**  
[13] A1

[51] **Int.Cl. G01N 33/86 (2006.01) A61K 38/36 (2006.01) A61K 38/37 (2006.01)**

[25] EN

[54] **ROUTINE LABORATORY AND POINT-OF-CARE (POC) TESTING FOR HEMOSTASIS**

[54] **LABORATOIRE ORDINAIRE ET ANALYSE HORS LABORATOIRE DE L'HEMOSTASE**

[72] JOHNSEN, JILL MARIE, US  
[72] KONKLE, BARBARA A., US  
[71] BLOODWORKS, US  
[85] 2016-10-04  
[86] 2015-04-06 (PCT/US2015/024577)  
[87] (WO2015/154090)  
[30] US (61/975,654) 2014-04-04

[21] **2,944,911**  
[13] A1

[51] **Int.Cl. B32B 5/00 (2006.01) B32B 5/02 (2006.01) B32B 5/08 (2006.01) B32B 5/10 (2006.01) B32B 5/12 (2006.01) B32B 5/28 (2006.01) B32B 17/00 (2006.01) B32B 27/06 (2006.01) B32B 27/12 (2006.01) B32B 27/28 (2006.01) B32B 27/34 (2006.01) B32B 27/36 (2006.01) B32B 27/38 (2006.01)**

[25] EN

[54] **TRACERS FOR USE IN COMPRESSION MOLDING OF UNIDIRECTIONAL DISCONTINUOUS FIBER COMPOSITE MOLDING COMPOUND**

[54] **TRACEURS UTILISABLES POUR LE MOULAGE PAR COMPRESSION D'UNE MATIERE A MOULER DE TYPE COMPOSITE DE FIBRES DISCONTINUES UNIDIRECTIONNELLES**

[72] BOURSIER, BRUNO, US  
[71] HEXCEL CORPORATION, US  
[85] 2016-10-04  
[86] 2015-05-26 (PCT/US2015/032455)  
[87] (WO2016/028349)  
[30] US (14/300,034) 2014-06-09

[21] **2,944,915**  
[13] A1

[51] **Int.Cl. G01K 17/00 (2006.01) G01K 7/16 (2006.01)**

[25] EN

[54] **THERMAL ENERGY METERING USING AN ENTHALPY SENSOR**

[54] **MESURE DE L'ENERGIE THERMIQUE AU MOYEN D'UN CAPTEUR D'ENTHALPIE**

[72] VAN HOUTEN, ARNOUD B. J., US  
[72] JOHNSON, EVAN FAIR, US  
[71] AQUANTA INC., US  
[85] 2016-10-04  
[86] 2015-04-07 (PCT/US2015/024643)  
[87] (WO2015/157234)  
[30] US (14/248,302) 2014-04-08

[21] **2,944,923**  
[13] A1

[51] **Int.Cl. H04L 12/26 (2006.01) H04L 12/24 (2006.01)**

[25] EN

[54] **A DEVICE MANAGEMENT SYSTEM**

[54] **SYSTEME DE GESTION DE DISPOSITIF**

[72] TRIGGER, BENJAMIN SHAUN DIXON, AU  
[72] LEVY, TIMOTHY DAVID, AU  
[72] ROBINSON, PAUL RUSSELL, AU  
[71] FAMILY ZONE CYBER SAFETY LTD., AU  
[85] 2016-10-05  
[86] 2015-04-08 (PCT/AU2015/000212)  
[87] (WO2015/154133)  
[30] AU (2014100338) 2014-04-08  
[30] AU (2014903609) 2014-09-10

[21] **2,944,924**  
[13] A1

[51] **Int.Cl. C08G 65/331 (2006.01)**

[25] EN

[54] **POLYMER BLEND COMPOSITIONS AND METHODS OF PREPARATION**

[54] **COMPOSITIONS DE MELANGE DE POLYMERES ET PROCEDES DE PREPARATION**

[72] NASKAR, AMIT K., US  
[71] UT-BATTELLE, LLC, US  
[85] 2016-10-04  
[86] 2015-06-22 (PCT/US2015/036873)  
[87] (WO2015/200159)  
[30] US (14/311,893) 2014-06-23

# Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

## Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] <b>2,925,814</b> [13] A1	[21] <b>2,942,253</b> [13] A1	[21] <b>2,943,203</b> [13] A1
[51] <b>Int.Cl. A01M 21/00 (2006.01) A01G 13/00 (2006.01) A01M 7/00 (2006.01)</b> [25] EN [54] <b>FLUID DELIVERY DEVICE FOR KILLING WEEDS</b> [54] <b>DISPOSITIF DE LIVRAISON DE LIQUIDE SERVANT A TUER LES MAUVAISES HERBES</b> [72] WEISS, JOHN, US [72] AUPELL, PATRICK, US [72] STOKES, SHAWN, US [71] WEISS, JOHN, US [71] AUPELL, PATRICK, US [71] STOKES, SHAWN, US [22] 2016-04-01 [41] 2016-10-02 [30] US (14/677,800) 2015-04-02	[51] <b>Int.Cl. D21C 1/00 (2006.01)</b> [25] EN [54] <b>PAPER PRODUCTS AND METHODS AND SYSTEMS FOR MANUFACTURING SUCH PRODUCTS</b> [54] <b>PRODUITS DE PAPIER ET PROCEDES ET SYSTEMES DE FABRICATION DE CES PRODUITS</b> [72] MEDOFF, MARSHALL, US [71] XYLECO, INC., US [22] 2009-04-28 [41] 2009-11-05 [62] 2,820,962 [30] US (61/049,391) 2008-04-30 [30] US (12/417,707) 2009-04-03	[51] <b>Int.Cl. B67D 1/08 (2006.01)</b> [25] EN [54] <b>BEVERAGE DISPENSING DEVICE</b> [54] <b>DISPOSITIF DE DISTRIBUTION DE BOISSONS</b> [72] DEO, INDRANI, US [72] JERSEY, STEVEN, US [71] PEPSICO, INC., US [22] 2010-11-24 [41] 2011-06-03 [62] 2,781,749 [30] US (12/625,226) 2009-11-24 [30] US (12/703,003) 2010-02-09
[21] <b>2,941,724</b> [13] A1	[21] <b>2,943,039</b> [13] A1	[21] <b>2,943,258</b> [13] A1
[51] <b>Int.Cl. A61L 9/03 (2006.01)</b> [25] EN [54] <b>AEROSOL GENERATOR</b> [54] <b>GENERATEUR AEROSOL</b> [72] TUCKER, CHRISTOPHER S., US [72] NICHOLS, WALTER A., US [71] PHILIP MORRIS PRODUCTS S.A., CH [22] 2010-10-13 [41] 2011-04-21 [62] 2,777,414 [30] US (61/251,189) 2009-10-13	[51] <b>Int.Cl. C07K 14/145 (2006.01) A61K 9/00 (2006.01) A61K 39/205 (2006.01) A61P 31/14 (2006.01) C12N 15/47 (2006.01)</b> [25] EN [54] <b>RABIES VIRUS COMPOSITIONS AND METHODS</b> [54] <b>COMPOSITIONS ET PROCEDES CONTRE DES VIRUS RABIQUES</b> [72] RUPPRECHT, CHARLES E., US [72] WU, XIANFU, US [71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, CENTERS FOR DISEASE CONTROL AND PREVENTION, US [22] 2006-10-13 [41] 2007-04-26 [62] 2,624,768 [30] US (60/727,038) 2005-10-14	[51] <b>Int.Cl. C07K 16/08 (2006.01) A61K 39/42 (2006.01) A61P 31/20 (2006.01) C07K 14/02 (2006.01) C12N 5/16 (2006.01) G01N 33/577 (2006.01)</b> [25] EN [54] <b>POLYPEPTIDES AND ANTIBODIES FOR TREATING HBV INFECTION AND RELATED DISEASES</b> [54] <b>POLYPEPTIDES ET ANTICORPS POUR LE TRAITEMENT D'UNE INFECTION PAR LE VBH ET MALADIES ASSOCIEES</b> [72] YUAN, QUAN, CN [72] ZHANG, TIANYING, CN [72] LUO, WENXIN, CN [72] CHEN, YIXIN, CN [72] ZHANG, JUN, CN [72] XIA, NINGSHAO, CN [71] XIAMEN UNIVERSITY, CN [71] XIAMEN INNOVAX BIOTECH CO., LTD., CN [22] 2013-06-06 [41] 2013-12-19 [62] 2,876,020 [30] CN (201210190329.X) 2012-06-11

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demandes mises à la disponibilité du public non disponibles auparavant**

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[13] A1

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[54] **SHIELDING ASSEMBLIES FOR INFUSION SYSTEMS**  
[54] **ENSEMBLE DE PROTECTION POUR SYSTEMES DE PERFUSION**  
[72] QUIRICO, CHARLES R., US  
[72] BALESTRACCI, ERNEST, US  
[72] DARST, DANIEL D., US  
[72] KRAUSE, ERIC J., US  
[72] LOKHANDE, VISHAL N., US  
[72] CHILDS, JACOB S., US  
[72] MADSON, PETER B., US  
[72] CLEMENTS, DANIEL V., US  
[71] BRACCO DIAGNOSTICS INC., US  
[22] 2009-06-11  
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[62] 2,724,643  
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[13] A1

[51] **Int.Cl. C12N 5/0789 (2010.01) C12N 5/078 (2010.01) C12N 15/113 (2010.01)**  
[25] EN  
[54] **COMPOUNDS THAT EXPAND HEMATOPOIETIC STEM CELLS**  
[54] **COMPOSES QUI FAVORISENT LE DEVELOPPEMENT DE CELLULES SOUCHES HEMATOPOIETIQUES**  
[72] BOITANO, ANTHONY, US  
[72] COOKE, MICHAEL, US  
[72] PAN, SHIFENG, US  
[72] SCHULTZ, PETER G., US  
[72] TELLEW, JOHN, US  
[72] WAN, YONGQIN, US  
[72] WANG, XING, US  
[71] NOVARTIS AG, CH  
[71] THE SCRIPPS RESEARCH INSTITUTE, US  
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[13] A1

[51] **Int.Cl. G01N 33/574 (2006.01) C12Q 1/68 (2006.01) C07K 14/705 (2006.01)**  
[25] EN  
[54] **B7-H1 AND METHODS OF DIAGNOSIS, PROGNOSIS, AND TREATMENT OF CANCER**  
[54] **B7-H1 ET PROCEDES DE DIAGNOSTIC, DE PRONOSTIC ET DE TRAITEMENT DU CANCER**  
[72] CHENG, LIEPING, US  
[72] STROME, SCOTT E., US  
[72] KWON, EUGENE D., US  
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US  
[22] 2005-10-06  
[41] 2006-04-20  
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[13] A1

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[25] EN  
[54] **METHODS AND SYSTEMS FOR SYNCHRONIZING MEDIA**  
[54] **PROCEDES ET SYSTEMES DE SYNCHRONISATION DE CONTENU MULTIMEDIA**  
[72] WANG, AVERY LI-CHUN, US  
[72] BARTON, CHRISTOPHER JACQUES PENROSE, US  
[72] INGHELBRECHT, PHILIP GEORGES, US  
[72] POWAR, RAHUL, GB  
[72] MILLS, WILLIAM MICHAEL, GB  
[72] MUKHERJEE, DHEERAJ SHANKAR, GB  
[71] SHAZAM ENTERTAINMENT LTD., GB  
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[30] US (61/331,015) 2010-05-04

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[13] A1

[51] **Int.Cl. G06Q 50/34 (2012.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR HIGH-SPEED PARI-MUTUEL WAGERING USING A CLEARINGHOUSE**  
[54] **SYSTEME ET PROCEDE SERVANT A ENGAGER DES PARIS DANS UN ENVIRONNEMENT DE PARI MUTUEL A HAUTE VITESSE AU MOYEN D'UN BUREAU CENTRAL**  
[72] ASHER, JOSEPH M., US  
[72] LUTNICK, HOWARD W., US  
[71] CFPH, L.L.C., US  
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[41] 2005-09-22  
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[25] EN  
[54] **SALT OF 1-(2-DEOXY-2-FLUORO-4-THIO-S-D-ARABINOFURANOSYL)CYTOSINE**  
[54] **SEL DE 1-(2-DESOXY-2-FLUORO-4-THIO-S-D-ARABINOFURANOSYL)CYTOSINE**  
[72] BABA, YASUTAKA, JP  
[72] MURAKAMI, TATSUYA, JP  
[72] SHINTANI, JUNKO, JP  
[71] FUJIFILM CORPORATION, JP  
[22] 2013-03-27  
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## Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

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[54] **BRAZING METHOD AND APPARATUS THEREFOR USING INDUCTION HEATING**

[54] **PROCEDE ET APPAREIL DE BRASAGE UTILISANT UN CHAUFFAGE PAR INDUCTION**

[72] PETERSON, S. BARRETT, US

[72] SEXTON, TIMOTHY N., US

[72] SIMONS, CURTIS M., US

[72] CAMPBELL, TROY C., US

[71] US SYNTHETIC CORPORATION, US

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[41] 2010-10-21

[62] 2,757,628

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[13] A1

[51] **Int.Cl. A61F 2/07 (2013.01) A61F 2/86 (2013.01) A61F 2/90 (2013.01)**

[25] EN

[54] **METHOD AND DEVICE FOR ATTACHING A STENT STRUCTURE TO AAA GRAFT MATERIAL**

[54] **METHODE ET DISPOSITIF DE FIXATION D'ENDOPROTHESE A UNE GREFFE AAA**

[72] CALDARISE, SALVATORE G., US

[72] FLEMING, JAMES, US

[72] MAJERCAK, DAVID C., US

[72] PARK, JIN S., US

[71] CARDINAL HEALTH SWITZERLAND 515 GMBH, CH

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[13] A1

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[25] EN

[54] **SYSTEM AND METHOD FOR ROUTING DECISIONS IN A SEPARATION MANAGEMENT SYSTEM**

[54] **SYSTEME ET PROCEDE POUR DECISIONS DE ROUTAGE DANS UN SYSTEME DE GESTION DE SEPARATION**

[72] ESTKOWSKI, REGINA INEZ, US

[71] THE BOEING COMPANY, US

[22] 2014-03-05

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[62] 2,845,023

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[21] **2,944,101**  
[13] A1

[51] **Int.Cl. A23C 19/068 (2006.01) A23C 19/097 (2006.01) B65B 25/06 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING A DAIRY PRODUCT AND SYSTEM FOR PACKAGING THE SAME**

[54] **METHODE DE PRODUCTION D'UN PRODUIT LAITIER ET SYSTEME D'EMBALLAGE CONNEXE**

[72] MATTEI, GIANFRANCO, IT

[71] EGIDIO GALBANI S.R.L., IT

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[13] A1

[51] **Int.Cl. G06F 3/0488 (2013.01) G06F 3/0484 (2013.01)**

[25] EN

[54] **LIST SCROLLING AND DOCUMENT TRANSLATION, SCALING, AND ROTATION ON A TOUCH-SCREEN DISPLAY**

[54] **DEFILEMENT DE LISTES, ET TRANSLATION, MISE A L'ECHELLE ET ROTATION DES DOCUMENTS SUR UN ECRAN TACTILE**

[72] ORDING, BAS, US

[71] APPLE INC., US

[22] 2008-01-04

[41] 2008-07-17

[62] 2,759,091

[30] US (60/883,801) 2007-01-07

[30] US (60/879,253) 2007-07-07

[30] US (60/879,469) 2007-01-08

[30] US (60/945,858) 2007-06-22

[30] US (60/946,971) 2007-06-28

[30] US (60/937,993) 2007-06-29

[30] US (11/956,969) 2007-12-14

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[13] A1

[51] **Int.Cl. H04L 12/22 (2006.01) G06Q 10/10 (2012.01) G06F 21/00 (2013.01) H04L 9/06 (2006.01)**

[25] EN

[54] **SECURE WORKFLOW AND DATA MANAGEMENT FACILITY**

[54] **INSTALLATION DE GESTION DE DONNEES ET DE FLUX DE TRAVAIL SECURISEE**

[72] WELLS, WILLIAM MCDOWALL, BB

[72] MARCUS, MICHAEL BERNARD, US

[71] EVIZONE IP HOLDINGS, LTD., VG

[22] 2010-05-20

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[13] A1

[51] **Int.Cl. G06F 3/0481 (2013.01) G06F 3/0484 (2013.01) G06F 3/01 (2006.01)**

[25] EN

[54] **GALLERY APPLICATION FOR CONTENT VIEWING**

[54] **APPLICATION DE GALERIE POUR VISUALISATION DE CONTENU**

[72] KRISHNARAJ, VENKAT, US

[72] SHOEMAKER, AUSTIN W., US

[72] RATHNAM, ADITYA, US

[72] BHUMKAR, SOUJANYA, US

[71] YAHOO! INC., US

[22] 2010-11-18

[41] 2011-06-03

[62] 2,781,607

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[30] US (12/702,555) 2010-02-09

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[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01) G06Q 10/08 (2012.01) A61J 7/00 (2006.01)**

[25] EN

[54] **PATIENT-SPECIFIC BIN SYSTEMS, METHODS, AND DEVICES**

[54] **SYSTEMES, PROCEDES ET DISPOSITIFS DE BOITE D'UN PATIENT**

[72] VAHLBERG, JOHN, US

[72] COHEN, DAN, US

[72] CARTRIGHT, JENNIFER, US

[72] CALDWELL, RICHARD, US

[72] BLANK, JEFF, US

[71] OMNICELL, INC., US

[22] 2008-06-18

[41] 2008-12-24

[62] 2,692,063

[30] US (60/944,995) 2007-06-19

[30] US (60/991,547) 2007-11-30

[30] US (12/140,964) 2008-06-17

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[13] A1

[51] **Int.Cl. A01K 43/00 (2006.01) B41J 3/407 (2006.01) A23L 15/00 (2016.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR PROCESSING EGGS AND OTHER OBJECTS**

[54] **SYSTEMES ET PROCEDES DE TRAITEMENT D'UFS ET D'AUTRES OBJETS**

[72] CHAIT, MITCHELL BARRY, US

[72] BROWN, ALLAN IRWIN, US

[72] HEGYI, MARCO ARMAND, US

[72] ANDERSON, GREG, US

[71] TEN MEDIA, LLC, US

[22] 2011-01-19

[41] 2011-07-28

[62] 2,787,736

[30] US (12/690,890) 2010-01-20

[30] US (12/690,872) 2010-01-20

[30] US (12/690,898) 2010-01-20

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# Index of Canadian Patents Issued

October 25, 2016

## Index des brevets canadiens délivrés

25 octobre 2016

2236008 ONTARIO INC.	2,547,829	ANGOT, DANIEL M.	2,746,956	BAKER HUGHES	
2236008 ONTARIO INC.	2,547,880	ANGSTROM TECHNOLOGIES, INC.	2,697,072	INCORPORATED	2,845,825
3M INNOVATIVE PROPERTIES COMPANY	2,647,030	ANHAMM GMBH	2,724,568	BAKER HUGHES	
3M INNOVATIVE PROPERTIES COMPANY	2,742,076	ANHAMM, DAG	2,724,568	INCORPORATED	2,849,317
ABB LTD.	2,884,632	ANTHONY, INC.	2,877,557	BAKER HUGHES	2,877,392
ABDAT, MOURAD	2,878,742	ANTON, HANS-JOACHIM	2,813,068	INCORPORATED	2,645,419
ABMA, RAYMOND L.	2,731,985	ANTTALAINEN, OSMO	2,718,484	BAKER, BRIAN S.	2,788,906
ACHLEITNER, CORINNA	2,688,781	AOS HOLDING COMPANY	2,921,272	BAKER, MARK R.	2,832,926
ACIST MEDICAL SYSTEMS, INC.	2,803,747	AOYAMA, SHOJI	2,791,657	BAKER, SCOTT ALEXANDER	2,832,926
ADAM, JEAN-MICHEL	2,850,458	AOYAMA, YOSHITAKA	2,791,657	BALESTRACCI, ERNEST	2,724,644
ADAM, MARK K.	2,752,209	ARCH WOOD PROTECTION, INC.	2,714,681	BAN, HIROYUKI	2,850,195
ADAMS, DOUGLAS	2,680,777	AREVA NP	2,722,594	BANDIERA, DARIO	2,750,682
ADAR, ELIEZER	2,711,431	ARIGAYA, HIDETO	2,875,191	BARBORINI, EMANUELE	2,750,682
ADC GMBH	2,744,701	ARKRAY, INC.	2,699,823	BARCLAY, DAVID A.	2,862,304
ADIDAS AG	2,809,764	ARMAND HOLDINGS, LTD.	2,646,816	BASF SE	2,737,098
AGASHE, PARAG ARUN	2,822,520	ARNDT, HENRY C.	2,707,902	BASF SE	2,737,103
AGASSI, SHAI	2,737,620	ARORA, RAVI	2,853,344	BAUER, WALTER JACOB	2,900,515
AGASSI, TAL	2,737,620	ARTWOHL, PAUL J.	2,877,557	BAUGH, JOHN L.	2,752,209
AGRAWAL, GAURAV	2,807,371	ASAHI KASEI FIBERS CORPORATION	2,866,132	BAYER HEALTHCARE LLC	2,707,902
AHARONY, NADAV	2,836,262	ASCENDIS PHARMA GMBH	2,602,705	BAYER INTELLECTUAL PROPERTY GMBH	2,706,529
AICHINGER, JOHANN	2,658,212	ASCENDIS PHARMA GMBH	2,824,093	BAYER INTELLECTUAL PROPERTY GMBH	2,750,773
AIMESS SERVICES GMBH	2,746,191	ASEEM, DAYAL	2,833,059	BAYER INTELLECTUAL PROPERTY GMBH	2,854,520
AIRBUS OPERATIONS	2,701,733	ASNASH, LIVIU	2,508,537	BAYER SCHERING PHARMA AG	2,724,508
AIRBUS OPERATIONS GMBH	2,772,577	ASTRAZENECA AB	2,724,508	BEAULIEU, YANICK	2,738,610
AIRBUS OPERATIONS LIMITED	2,734,380	ASTRAZENECA AB	2,728,183	BECTON, DICKINSON AND COMPANY	2,589,380
AITASALO, KALLE	2,750,563	ASTRAZENECA AB	2,881,991	BECTON, DICKINSON AND COMPANY	2,639,320
ALBAEK, NIELS	2,876,037	ASTRIUM LIMITED	2,708,503	BEDINGER, ROB	2,853,698
ALBANY INTERNATIONAL CORP.	2,701,224	ATKINSON, RICHARD	2,808,468	BEECKLER, CHRISTOPHER	2,636,482
ALBERT, MAGDY A.	2,882,647	ATLAS COPCO SECOROC AB	2,720,063	BEECKLER, CHRISTOPHER	2,726,334
ALCOA INC.	2,848,309	ATOTECH DEUTSCHLAND GMBH	2,724,211	BEELER, RICHARD M.	2,848,309
ALLAVATAM, VENUGOPAL	2,717,446	ATS AUTOMATION TOOLING SYSTEMS INC.	2,698,835	BEHAR, ANDREW	2,809,764
ALLEGIANCE CORPORATION	2,677,482	AUDIOVOX CORPORATION	2,705,920	BELAKOV, ALEXANDRE	2,694,421
ALLOUCHE, EREZ	2,776,808	AUMUELLER, BERTHOLD	2,688,781	BELAKOV, EUGENE	2,694,421
ALON, DAVID	2,848,445	AVASILOAIE, VALENTIN	2,880,211	BELAKOVA, ANNA	2,694,421
ALSTOM TRANSPORT TECHNOLOGIES	2,681,546	AVENT, INC.	2,771,244	BELLAHROSSI, KASSAM K.	2,850,529
ALTMANN, ANDRES CLAUDIO	2,726,334	AVIMUKTA, KREENA	2,586,504	BELLAVIA, CARMEN	2,908,492
AMYOT, ROBERT	2,738,610	AXELSSON, ANDERS	2,736,531	BELZILE, MANON DANIELLE	2,827,195
ANADYS PHARMACEUTICALS, INC.	2,743,796	B/E AEROSPACE, INC.	2,845,773	BENAVIDES PEREZ, RICARDO	2,673,259
ANAND, RAJ	2,755,551	B/E AEROSPACE, INC.	2,847,691	BERBERICH, DAVID W.	2,709,886
ANAZAWA, HIDEHARU	2,704,600	B/E AEROSPACE, INC.	2,867,297	BEREITER-HAHN, JUERGEN	2,736,534
ANDERSON, JAY R.	2,720,832	BAECKER, IWER	2,730,697	BERG, ARVID J.	2,838,189
ANDERSON, TIMOTHY SCOTT	2,824,828	BAER, PATRICK	2,736,534	BERGE, STEPHEN M.	2,750,144
ANDERSSON REIMER, NILS ROGER	2,816,754	BAHRAMI, S. BAHRAM	2,696,209	BERGER, MARKUS	2,724,508
ANDREYKO, MICHAEL J.	2,644,140	BAKER HUGHES	2,752,209	BERNARDONI, MASSIMILIANO	2,883,847
ANDRITZ INC.	2,658,212	INCORPORATED	2,804,999	BESSETTE, ROBERT	2,677,425
		BAKER HUGHES	2,807,371	BEUGELS, JOHANNES	2,763,243
		INCORPORATED		BEVERIDGE, GILLIAN	2,665,455
				BHAUMIK, VIJAN	2,792,131

**Index des brevets canadiens délivrés  
25 octobre 2016**

BIOCON LIMITED	2,818,225	BRADLEY, WILLIAM BENJAMIN	2,675,595	CARVAJAL, GUSTAVO	2,825,430
BIOENGINEERING LABORATORIES, LLC	2,699,823	BRAULT, MICHEL GILBERT ROLAND	2,915,726	CASHIN, FREDERICK	2,772,776
BIOLAB SANUS FARMACEUTICA LTDA.	2,738,694	BRAUN, KEVIN G.	2,687,854	CASTEILLA, LOUIS	2,639,068
BIOMMUNE TECHNOLOGIES INC.	2,574,531	BREAST MICROSEED, INC.	2,762,591	CATERPILLAR INC.	2,746,956
BIOSENSE WEBSTER (ISRAEL), LTD.	2,726,334	BRENT, JOHN LESLIE, JR.	2,792,390	CAVANAGH, PETER R.	2,587,090
BIOSENSE WEBSTER, INC.	2,636,461	BREWER, JOHN	2,771,244	CELGENE CORPORATION	2,725,603
BIOSENSE WEBSTER, INC.	2,636,482	BRIGNAC, JACQUES L.	2,821,086	CELLCEUTIX CORPORATION	2,862,006
BISSANTZ, CATERINA	2,850,458	BRILLHART, MARISA LYNNE	2,792,131	CEM MACHINE, INC.	2,674,713
BJOERN, SARA PETERSEN	2,658,294	BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED	2,862,195	CENTRE DE RECHERCHE INDUSTRIELLE DU QUEBEC	2,841,464
BLACKBERRY LIMITED	2,581,628	BROMLEY, DES	2,922,043	CENTRE NATIONAL D'ETUDES SPATIALES	2,717,996
BLACKBERRY LIMITED	2,738,698	BROTTIER, YVES VINCENT	2,655,863	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2,639,068
BLACKBERRY LIMITED	2,745,072	BROWN, B. DOUGLAS	2,645,419	CEQUINT, INC.	2,721,517
BLACKBERRY LIMITED	2,746,587	BROWN, MICHAEL ALVIN	2,774,452	CESCO-CANCIAN, SERGIO	2,729,733
BLACKBERRY LIMITED	2,760,692	BROYLES, BRUCE R.	2,647,030	CESSNA, KRISTA L.	2,645,419
BLACKBERRY LIMITED	2,769,103	BRUNNER, HEIKO	2,724,211	CHADWELL, G. BRADLEY	2,853,344
BLACKBERRY LIMITED	2,809,039	BUCKLEY, MICHAEL EOIN	2,809,039	CHAE, SUNGSEOK	2,741,039
BLACKBERRY LIMITED	2,814,570	BULK CHEMICALS, INC.	2,763,769	CHAKRABORTY, SOMA	2,807,371
BLACKBERRY LIMITED	2,816,754	BUNDESDRUCKEREI GMBH	2,768,601	CHAN, KATRINA	2,738,429
BLACKBERRY LIMITED	2,817,942	BURBA, JOHN L. III	2,618,222	CHANG, JONG WOOK	2,669,304
BLACKBERRY LIMITED	2,848,112	BURDSALL, THOMAS A.	2,812,533	CHANUT, CARINE	2,639,068
BLADE, HELEN	2,728,183	BURKHARDT, MARKUS	2,740,536	CHARANIYA, AMIN	2,813,681
BLOODCENTER RESEARCH FOUNDATION, INC.	2,680,333	BURMESTER, JENS	2,863,416	CHARRIER, JEAN-DAMIEN	2,652,648
BLUE PILLAR, INC.	2,728,431	BURNS, DAVID H.	2,735,150	CHAUDET, NICOLAS	2,730,741
BLUE-ZONE TECHNOLOGIES LTD.	2,772,776	BURRELL, MICHAEL	2,715,990	CHAVARKAR, PRASHANT	2,447,058
BOCANEGRA ROJAS, JOSE GERTRUDIS	2,673,259	BURY, RAFAEL	2,877,816	CHAZALNOEL, PASCALE	2,717,996
BOEHM, ANDREAS	2,647,030	BUTLER, THOMAS JOSEPH	2,728,431	CHEMTREAT, INC.	2,853,698
BOEHRINGER INGELHEIM INTERNATIONAL GMBH	2,730,208	BUTTERWORTH, SAM	2,881,991	CHEN, GIVEN JING	2,778,120
BOGOMAZOV, ALEKSANDR VIKTOROVICH	2,877,651	BUTTRY, DANIEL	2,600,795	CHEN, HONGFENG	2,729,733
BOLDT, ASHLEY L.	2,645,419	BYER, SCOTT	2,793,307	CHEN, JIANMING	2,765,748
BOLOTINSKY, YURI	2,711,431	C-LOCK INC.	2,796,450	CHEN, JING GIVEN	2,794,905
BONAR B.V.	2,735,054	CAE HEALTHCARE CANADA INC.	2,738,610	CHEN, ROGER S. C.	2,725,603
BOND, MADISON E.	2,563,217	CAIRNS, DOUGLAS A.	2,728,052	CHEN, SEONG FONG	2,677,482
BOOTH, HUBERT J.	2,883,124	CALABRESE, RONALD V.	2,840,825	CHEN, SHUZHONG	2,772,576
BOOTH, HUBERT J.	2,883,255	CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC	2,788,906	CHEN, WANSHI	2,749,286
BOSTON SCIENTIFIC LIMITED	2,705,609	CALLAGHAN, JONATHAN DOUGLAS	2,824,828	CHEN, WANSHI	2,842,702
BOURDREAU, DONALD	2,860,275	CAMERON HEALTH, INC.	2,717,446	CHENG, CALVIN HOI WUNG	2,871,284
BOWMAN, ANTHONY L.	2,780,481	CAMPBELL, SEAN	2,784,569	CHETRIT, DANIEL EDMOND	2,833,059
BOYD, ANDREW	2,547,829	CANTON, RAYMOND L.	2,738,698	CHEVRON ORONITE COMPANY LLC	2,738,905
BOYD, ANDREW	2,547,880	CANTRELL, GARY L.	2,709,886	CHEVRON PHILLIPS CHEMICAL COMPANY LP	2,735,150
BOYD, EWAN CAMPBELL	2,665,455	CAO, BANGJI	2,720,696	CHHABRA, RAJEEV	2,871,284
BOZZA, DONALD A.	2,850,529	CAO, HENGCHU	2,793,916	CHICAGO MERCANTILE EXCHANGE, INC.	2,699,754
BP CORPORATION NORTH AMERICA INC.	2,731,985	CAO, YURONG	2,794,905	CHIKUGO, HAYATO	2,846,003
BRACCO DIAGNOSTICS INC.	2,724,644	CARBONE, ROBERTA	2,750,682	CHILDERS, BROOKS A.	2,849,317
BRADFORD, WILLIAMSON Z.	2,710,014	CAREFUSION 2200, INC.	2,804,004	CHILDS, JACOB S.	2,724,644
BRADFORD, WILLIAMSON Z.	2,710,358	CARIOLA, MELANIE LUCIA	2,735,986	CHILOV, GERMES GRIGORIEVICH	2,850,137
BRADLEY FIXTURES CORPORATION	2,897,490	CARLSA, BRIAN P.	2,720,832	CHINTAKUNTLA, CHANDRASEKHARA REDDY	2,881,991
BRADLEY, CHRISTOPHER ERIC	2,883,124	CARLSON, MARK	2,657,456	CHLUDZINSKI, DANIEL	2,806,034
BRADLEY, CHRISTOPHER ERIC	2,883,255	CARLSSON, JIMMY	2,720,063	CHOE, JUNG SOO	2,728,546
BRADLEY, CHRISTOPHER LEWIS	2,834,044	CARMEN, DANIEL F.	2,806,248	CHOI, SOO JIN	2,669,304
		CARPENTER, KENNETH F., JR.	2,569,060	CHONG, CHUANG SIM	2,677,482
		CARRIGAN, LORI LISA	2,806,832	CHOWDHURY, SULTAN	2,715,947
		CARROLL, FIONA CATHERINE	2,735,986	CHU, MICHAEL S. H.	2,705,609
		CARTER, CHARLES ASHTON GARRET	2,708,011		

## Index of Canadian Patents Issued October 25, 2016

CHUAQUI, CLAUDIO EDMUNDO	2,881,991	CURRIE, ANGELA CHARLOTTE	2,728,183	DOW AGROSCIENCES LLC	2,825,392
CHUNG, JAEHEE	2,814,196	DA YU ENTERPRISES, L.L.C.	2,811,297	DOW GLOBAL TECHNOLOGIES LLC	2,732,854
CHUNG, JAEHEE	2,820,574	DAHMEN, JAN	2,724,508	DOW GLOBAL TECHNOLOGIES LLC	2,778,120
CHURCH, RICHARD J.	2,763,769	DAIGNAULT, KENNETH J.	2,705,609	DOW GLOBAL TECHNOLOGIES LLC	2,794,905
CHURCHILL, GWYDION HUW CIN, SHARON	2,728,183 2,645,419	DAIICHI SANKYO COMPANY, LIMITED	2,864,222	DOWDELLE, JAMES	2,813,681
CINDRIC, MARIO	2,836,114	DALES, NATALIE	2,715,947	DRAGHI, ANNAMARIA	2,791,726
CIOC, ADRIAN CONSTANTIN	2,663,123	DAMNJANOVIC, JELENA M.	2,836,043	DRINKING BIRD SOFTWARE LTD.	2,660,220
CITEK, KARL M.	2,662,117	DAMNJANOVIC, JELENA M.	2,842,702	DUAN, PING	2,807,371
CITRANO, JOSEPH, III	2,762,092	DANCEY, LARRY L.	2,922,098	DUBBE, JOHN W.	2,647,030
CLANCY, TIMOTHY J.	2,719,113	DARBYSHIRE, MARTIN	2,867,297	DUCAROUGE, GUY	2,681,546
CLEMENS, DANIEL L.	2,834,044	DARJANIA, LEVAN	2,701,630	DUDA, MICHAL	2,806,034
CLEMENTS, MATTHEW J.	2,718,528	DARST, DANIEL D.	2,724,644	DUDEK, SIEGMUND	2,860,972
CNH INDUSTRIAL CANADA, LTD.	2,753,800	DAVID, HELGA	2,658,294	DUGAN, ERIN	2,877,816
CNH INDUSTRIAL CANADA, LTD.	2,795,231	DAVID, MURIEL D.	2,574,531	DUNCAN, ROGER G.	2,849,317
COATES, BRYAN C.	2,877,392	DAVIDSON, JAMES A.	2,793,916	DUPUIS, PATRICIA S.	2,850,529
COHEN, AVRUM I.	2,746,743	DAVIS, BRIAN KEITH	2,774,452	DURAND, FREDERIC	2,701,733
COHEN, DAVID	2,838,189	DAVIS, THOMAS JAMES	2,740,379	DURAVIT AKTIENGESELLSCHAFT	2,873,575
COLEMAN, DAVID WILEY	2,515,470	DAVISON, NIGEL	2,893,678	DURHUUS, THOMAS THOMASEN	2,658,294
COLENTIER, SYLVIE	2,687,809	DAWSON, PAUL	2,715,990	DURRSCHMIDT, THOMAS	2,746,854
COLLEE, MICHAEL	2,730,054	DAY, THOMAS	2,633,840	DURSUN, SERKAN	2,910,829
COLLIER, MICHAEL	2,662,117	DEBENHAM, JOHN S.	2,718,528	DUVAL, FREDERIC	2,687,809
COMCAST CABLE COMMUNICATIONS, LLC	2,563,217	DEERE & COMPANY	2,684,247	DYNAMIC DIGITAL DEPTH RESEARCH PTY LTD	2,488,738
COMMUNICATION COMPONENTS ANTENNA INC.	2,922,043	DEERE & COMPANY	2,687,854	DYNAMICLOGIC, LLC	2,322,470
CONDOOR SYSTEMS INC.	2,769,304	DEERE AND COMPANY	2,776,808	E.I. DU PONT DE NEMOURS AND COMPANY	2,626,839
CONKLIN, BRIAN S.	2,793,916	DELADURANTAYE, PASCAL	2,761,092	E.I. DU PONT DE NEMOURS AND COMPANY	2,653,640
COOK MEDICAL TECHNOLOGIES LLC	2,789,671	DENG, LI	2,765,748	E2INTERACTIVE, INC. D/B/A E2INTERACTIVE, INC.	2,689,347
COOK, MATTHEW R.	2,780,514	DENIS, DONALD J.	2,754,264	EARNSHAW, ANDREW MARK	2,809,039
COOKE, AARON CHRISTIAN	2,751,079	DENORMAND, RICHARD S.	2,788,906	EATON CORPORATION	2,742,768
CORDIS CORPORATION	2,572,720	DENSHAM, DANIEL HENRY	2,780,958	EBED HOLDINGS INC.	2,900,515
CORIC, MILOS	2,800,792	DEPPISCH, REINHOLD (DECEASED)	2,736,534	EBRAHIMI TAZEH MAHALLEH, MASOUD	2,809,039
CORRIGAN, PATRICK JOSEPH	2,792,390	DERCHAK, P. ALEXANDER	2,809,764	ECKELBARGER, JOSEPH D.	2,825,392
COUCHMAN, ALAN DAVID	2,708,503	DERR, DOUGLAS N.	2,846,243	ECKHARDT, MATTHIAS	2,730,208
COUILLARD, FRANCOIS	2,705,445	DESVIGNES, ISABELLE	2,717,996	ECOLAB INC.	2,720,832
COULTER, RYAN	2,662,117	DETERMAN, MICHAEL D.	2,742,076	ECOLAB INC.	2,746,854
COUSSOT, GAELLE	2,717,996	DEVICOR MEDICAL PRODUCTS, INC.	2,586,504	ECOLAB INC.	2,748,531
COUTURIER, JEAN-PIERRE	2,841,464	DEVICOR MEDICAL PRODUCTS, INC.	2,644,140	ECOLAB USA INC.	2,857,277
COX, RICK	2,600,795	DEVILLE, JEAN-GEORGES	2,701,733	EDMAN, KARL	2,724,508
COYLE, MICHAEL	2,809,764	DEWEY, ALAN R.	2,762,092	EDWARDS LIFESCIENCES AG	2,848,445
COYLE, WILLIAM	2,697,072	DHEIN, THEODORE E.	2,897,490	EDWARDS LIFESCIENCES CORPORATION	2,793,916
CRANER, MICHAEL L.	2,633,840	DIAPEDIA, L.L.C.	2,587,090	EGAN, RONALD G.	2,764,286
CRAVEN, DAVID	2,803,096	DICKENS, ELIZABETH ANNE JANE	2,730,054	EGGER, HOLGER	2,730,697
CRAVEN, PHILIP	2,803,096	DICKINSON, MATTHEW	2,705,920	EHDE, DAN	2,880,211
CREE, INC.	2,447,058	DIECK, RONALD	2,706,701	EKAMBARAM, GANESH	2,818,225
CREMER SPECIAALMACHINES B.V.	2,772,317	DING, KUN-LIN	2,888,323	ELEMENTIS SPECIALTIES, INC.	2,716,023
CREMER, FREDIUS JOHAN	2,772,317	DING, QINGJIE	2,734,363	ELLIS, CHARLES D.	2,508,537
CRESCITA THERAPEUTICS INC.	2,822,220	DINO, DAVID	2,716,023	ELLIS, MICHAEL D.	2,569,060
CREWSON, WALTER FREDRICK JOHN	2,766,284	DITTEL, BONNIE	2,680,333	ELLISON, LEON DOYLE	2,751,079
CRUSHPROOF TUBING COMPANY	2,785,426	DOBRIANSKI, JURIJ	2,806,034	ELMQVIST, KLAS	2,766,284
CURA HEALTH INC.	2,923,064	DOBRIJEVIC, MICHEL	2,717,996	ELMS, ROBERT T.	2,742,768
CURLEY, ERIC J.	2,752,209	DOBSON, BENJAMIN CHARLES	2,728,183	ENBOM, NIKLAS	2,804,984
CURRENTWRX LLC	2,859,812	DOBSON, GLYN	2,876,467	ENGLE, JOSEPH CRAIG	2,705,920
		DOCHERTY, JOHN M.	2,681,565		
		DODIG, IVANA	2,836,114		
		DOLBY INTERNATIONAL AB	2,861,299		
		DOMON, YUKI	2,864,222		
		DOONGOOR, DEV	2,746,587		
		DORVAL, GREGORY	2,841,464		

**Index des brevets canadiens délivrés  
25 octobre 2016**

ENVIRONICS OY	2,718,484	GAAL, PETER	2,749,286	GOVARI, ASSAF	2,726,334
EPP, JEFFREY B.	2,825,392	GADOURY, ALAIN	2,769,304	GOVIND, REMA	2,861,561
EPENDORF AG	2,625,513	GADZELLA, GERARD JAMES	2,795,231	GRAAS, MAGNUS	2,766,284
ERIKSSON, ANDERS	2,724,508	GAGNON, RICHARD	2,841,464	GRANZOW, WOLFGANG	2,725,321
ESLAMI, HASSAN	2,909,647	GAHN, JUERGEN	2,688,781	GRAPHIC PACKAGING INTERNATIONAL, INC.	2,687,295
ETERNATILE, INC.	2,908,492	GAMACHE, DAVID	2,860,277	GRAUS PORTA, DIANA	2,725,185
EVANS, PAUL	2,854,520	GAMBRO LUNDIA AB	2,736,534	GREENHALGH, CATHERINE A.	2,754,264
EVENSTAD, KENNETH L.	2,750,144	GANO, NATHAN P.	2,853,344	GRETHER, UWE	2,850,458
EVOLUTION ENGINEERING INC.	2,900,098	GAO, BAOAN	2,765,748	GRIESSER, ULRICH	2,726,704
EVOLVA SA	2,658,294	GARG, DIWAKAR	2,728,546	GRIEVE, DENNIS	2,844,649
EVONIK DEGUSSA GMBH	2,855,999	GARRETT, RICK	2,548,707	GRIFFIN, JASON T.	2,817,942
EWANCHUK, ANDREW JOHN	2,814,570	GATES, NICHOLAS JOHN	2,833,059	GRIMM, JEFFREY S.	2,729,733
F. HOFFMANN-LA ROCHE AG	2,734,363	GAVRILOVIC, MINYA	2,922,043	GRISE, GABRIEL	2,899,732
F. HOFFMANN-LA ROCHE AG	2,850,458	GEA TUCHENHAGEN GMBH	2,863,416	GROUPE RO-MAIN INC.	2,822,971
FACEBOOK, INC.	2,899,732	GEE, NICHOLAS	2,791,726	GU, FANGMING TONY	2,794,905
FANG, YING	2,655,340	GEIGER, HELMUT	2,736,534	GU, PENG	2,765,748
FANTIG, GEORG	2,702,962	GELLMAN, BARRY N.	2,705,609	GU, YONG JOE	2,880,959
FICHTL, WERNER	2,647,030	GEN-PROBE INCORPORATED	2,780,958	GUAGNANO, VITO	2,725,185
FIEBIGER, SARA	2,670,640	GENERAL CABLE TECHNOLOGIES CORPORATION	2,719,113	GUERRINI, GIAN LUCA	2,694,263
FIELD, GRAHAM KEITH	2,711,860	GENERAL ELECTRIC COMPANY	2,730,006	GUGGENMOS, SEBASTIAN	2,647,030
FIGGE, RAINER	2,688,450	GENERAL ELECTRIC TECHNOLOGY GMBH	2,677,574	GUMMELS, EMERANCE M.	2,809,764
FILIATRAULT, TIMOTHY D.	2,742,076	GENERAL ELECTRIC TECHNOLOGY GMBH	2,821,086	GUNTHER, BERNHARD	2,776,860
FILIPOVIC, DUSANKA	2,772,776	GENERIC (UK) LIMITED	2,801,226	GUO, DAVID H.	2,794,905
FINLAY, MAURICE RAYMOND VERSCHOYLE	2,881,991	GENSECKE, KAI	2,746,191	GUPTA, ANKUR	2,813,681
FISCH, RALF WALTER	2,899,524	GEORGE, CLAYTON A.	2,742,076	GUPTA, RAJARSHI	2,822,520
FISHER-ROSEMOUNT SYSTEMS, INC.	2,762,092	GEORGE, GRANT	2,784,569	GUSTAFSSON, JONAS	2,766,284
FITZGERALD, SEAN P.	2,853,344	GEORGE, IAN ROBERT	2,744,701	GUTNIK, YEVGENIY	2,793,307
FLACK, JULIEN CHARLES	2,488,738	GERVEE GROUP OF COMPANIES INC.	2,876,467	GUTT, GREGORY M.	2,790,461
FLORE, ORONZO	2,822,520	GIAMMONA, GAETANO	2,744,892	GUZMAN, MANUEL	2,804,004
FLSMIDTH A/S	2,731,661	GIARDIELLO, MIRKO	2,883,847	HAAS, WILLIAM L.	2,897,490
FOERSTER, JOCHEN	2,658,294	GIBSON, PAUL	2,862,195	HABERSTICH, WELLS D.	2,644,140
FOLDVARI, MARIANNA	2,681,565	GIESECKE & DEVRIENT AMERICA, INC.	2,581,389	HACKER, ERWIN	2,854,520
FONAREV, JULIA	2,715,947	GILMAN, ANDREA	2,670,640	HADDACH, MUSTAPHA	2,701,630
FORTE, THOMAS	2,853,344	GILROY, KEITH	2,809,764	HAGEN, DAVID L.	2,761,802
FOX, SIMON RICHARD	2,488,738	GINGER SOFTWARE, INC.	2,731,899	HAGEN, ROAR	2,804,984
FRAGKOS, ANASTASIOS	2,826,852	GITA GREEN, INC.	2,844,649	HALE, JEFFREY J.	2,718,528
FRANCIS, JOHN B.	2,850,529	GLASS, GARETH	2,893,678	HALEY, GREGORY J.	2,743,796
FRANK, GEORG	2,725,321	GLASS, KATIE KRISTINE	2,788,632	HALL, TRAVIS S.	2,849,317
FRANK, PHIL	2,662,117	GMARKETS INC.	2,814,933	HALLIBURTON ENERGY SERVICES, INC.	2,832,785
FRANK, WILLIAM A.	2,877,816	GOAR ALLISON & ASSOCIATES, INC.	2,728,546	HALLIBURTON ENERGY SERVICES, INC.	2,846,243
FRANKS, THEDFRED, JR.	2,581,389	GOBBO, GILLES	2,701,733	HAM, HYEONGTAEK	2,741,039
FRED HUTCHINSON CANCER RESEARCH CENTER	2,696,209	GOEHLER, REINHARD	2,680,095	HAMERSAK, ZDENKO	2,836,114
FREDERIKSEN, FRANK	2,686,144	GOETZ, REINHOLD	2,625,513	HAMILTON, BRADFORD S.	2,730,208
FRIESS, THOMAS	2,702,962	GOLD, ADAM	2,639,320	HAMLIN, CHARLES B.	2,322,470
FROEHLICH, STEVEN E.	2,515,470	GOMEZ, LEOPOLDO S.	2,752,209	HAMMOND, BERNARD HAROLD, JR.	2,744,701
FRONDOZA, CARMELITA	2,672,108	GOMILA, CRISTINA	2,875,894	HAN, WOO-JIN	2,886,964
FRUCHTERMAN, TODD MATTHEW	2,697,040	GOOGLE INC.	2,515,470	HANAGAN, MARY ANN	2,653,640
FU, JIANMIN	2,715,947	GOOGLE INC.	2,793,307	HANAI, NOBUO	2,704,600
FU, THOMAS	2,780,514	GOOGLE INC.	2,804,984	HANDLEY, IAN J.	2,706,701
FUCHS, NORBERT	2,819,733	GOOGLE INC.	2,813,681	HANLON, ROBIN JULIE	2,814,933
FUHRER, ERICH	2,873,575	GOOGLE INC.	2,836,262	HANROTT, CHRISTOPH	2,730,366
FUJII, YOSUKE	2,868,351	GOPAUL, RAYSHAD	2,574,531	HANSEN, ACHIM	2,740,536
FUJITA, TAKESHI	2,835,153	GORE, VINAYAK GOVIND	2,801,226	HANSEN, HENNING	2,778,426
FULLER, ARTHUR THOMAS GERALD	2,745,072	GOSSELIN, MARK	2,721,517	HANSSON, THOMAS	2,724,508
FUNG, JOSHUA THOMAS	2,788,632	GOTO, SOGO	2,909,839	HARADA, YASUYUKI	2,862,245
FUNG, SIMON S.	2,742,076	GOULET, CURTIS J.	2,877,392	HARMAN, PHILIP VICTOR	2,488,738
FURET, PASCAL	2,725,185			HARNACK, KURT	2,625,513
				HARRIS CORPORATION	2,866,926
				HARTIKAINEN, JENNIFER	2,574,531

**Index of Canadian Patents Issued  
October 25, 2016**

HARTMAN, CARL	2,766,284	HOLTECH MEDICAL	2,744,904	ISELE, OLAF ERIK	
HARTMANN, PHILIP	2,724,211	HON, LENNY KWOK-MING	2,760,692	ALEXANDER	2,871,284
HARVERSON, MICHAEL	2,708,503	HONDA MOTOR CO., LTD.	2,663,103	ITALCEMENTI S.P.A.	2,694,263
HASEGAWA, TAKAHIKO	2,903,814	HONDA MOTOR CO., LTD.	2,832,926	ITO EN, LTD.	2,868,351
HASHIM, SMITA	2,813,681	HONDA MOTOR CO., LTD.	2,835,153	IWAGUCHI, TAKASHI	2,909,839
HAWES, JOHN M.	2,701,224	HONDA MOTOR CO., LTD.	2,838,592	IWAMURA, MIKIO	2,766,892
HAYEK, MICHAEL GRIFFIN	2,792,390	HONDA MOTOR CO., LTD.	2,902,398	IWATA, ATSUSHI	2,737,884
HE, WEIWEI	2,867,297	HONG, DIHUI	2,746,743	IWATO, KAZUNORI	2,853,215
HEBRANK, JOHN H.	2,874,990	HOPPERUS-BUMA, PETER		JACKSON, ROBERT D.	2,681,773
HEICHAL, YOAV	2,737,620	BAREND	2,773,235	JACOB, MICHEL	2,761,092
HEIEIE, JOHN M.	2,879,946	HORI, KOUTAROU	2,848,835	JAFFARI, ANDY ALI	2,776,025
HEIN, JAMES E.	2,735,150	HORN, GAVIN BERNARD	2,822,520	JAGANATHAN, ARUN	
HEITNER HANSEN, TARA		HORNBACK, DONALD L.	2,705,920	PRAKASH	2,776,808
RENEE	2,706,529	HORSMA, BENGT	2,670,640	JAMES, JOHN ROBERT	2,738,413
HELIX BIOPHARMA CORP.	2,681,565	HORVATH, JOSHUA	2,639,320	JANSEN, EGBERT	2,869,339
HELLERSTEIN, JOSEPH L.	2,515,470	HOSAKA, EMI	2,704,600	JANSEN, EGBERT	2,869,340
HELLSTROM, AKE	2,884,632	HOSHINOYA, TAKESHI	2,838,592	JANSSEN PHARMACEUTICA	
HELLMER, MICHAEL	2,729,976	HOSS, UDO	2,658,759	NV	2,729,733
HEMMANN, KERSTINE	2,729,976	HOSSAIN NAFIZAL	2,724,508	JAPAN RADIO CO., LTD.	2,859,626
HEMMERLING, MARTIN	2,724,508	HOTTER, ANDREAS	2,726,704	JAZAYERI, MIKE	2,793,307
HENDERSON, TODD R.	2,672,108	HOTTOVY, JOHN D.	2,735,150	JEFFERIES, WILFRED A.	2,574,531
HENNINGER, BJOERN	2,679,177	HOU, DUANJIIE	2,715,947	JENSEN, JAMES S.	2,750,144
HENRY, JIM	2,753,800	HOWARD, SCOTT		JETTER, ROBERT	2,853,344
HEO, YOUNG HYOUNG	2,809,039	ALEXANDER	2,735,986	JEWELL, GERAINT WYN	2,697,894
HERELIER, PATRICK	2,875,585	HOYES, JOHN BRIAN	2,712,459	JFE STEEL CORPORATION	2,835,153
HERNANDEZ, ZURINE	2,740,545	HSIUNG, LAWRENCE S.	2,515,470	JJ, AETTIE	2,814,196
HERSEL, ULRICH	2,602,705	HUANG, KAI-POMR	2,776,928	JJ, AETTIE	2,820,574
HERSEL, ULRICH	2,824,093	HUANG, PENGJUN	2,725,321	JIA, QI	2,715,947
HESSE, DAVID J.	2,853,344	HUBBARD, JAMES	2,780,514	JIANG, NAN	2,734,363
HESTER, KEVIN	2,689,626	HUBER, FRANZ	2,688,781	JIANG, TAO	2,709,886
HETZMANNSEDER,		HULL, WADE	2,822,220	JIANGSU HEALTHCARE	
ENGELBERT	2,742,768	HUNTER, BURNETT	2,670,640	TECHNOLOGY CO., LTD	2,874,798
HEWALEX SPOLKA Z		HUNTER, JAMIE	2,674,713	JIANGSU SYNECOUN	
OGRANICZONA		HUNTLEY, C. FREDERICK M.	2,822,016	MEDICAL TECHNOLOGY	
ODPOWIEDZIALNOSCIA		HURLEY, TIMOTHY B.	2,587,090	CO., LTD.	2,730,697
SPOLKA		HURST, W. JEFFREY	2,645,419	JIANGSU TASLY DIYI	
KOMANDYTOWA	2,806,034	HUSKY INJECTION MOLDING		PHARMACEUTICAL CO.,	
HEWALEX, LESZEK SKIBA	2,806,034	SYSTEMS LTD	2,827,195	LTD.	2,765,748
HIBNER, JOHN A.	2,586,504	HUSKY INJECTION MOLDING		JO, HYUNIL	2,845,825
HIDAKA, YASUYOSHI	2,866,802	SYSTEMS LTD.	2,899,524	JOBE, IAN RONALD	2,708,011
HIGASHIDA, YASUTO	2,866,802	HUYNH, THANH DUC	2,908,728	JOETTEN, CHRISTOPH A.	2,725,321
HILL, CALLUM	2,740,545	HYNES, PETER SAMUEL	2,728,183	JOHANSSON, PER AKE	
HILL, DENNIS	2,670,640	IFP ENERGIES NOUVELLES	2,705,445	DANIEL	2,816,754
HILL, PHILIPPA	2,726,334	IKEDA, HIKARU	2,663,103	JOHN CHUAN, MEE TCHIN	
HILL, THOMAS CASEY	2,769,103	ILLINOIS TOOL WORKS INC.	2,875,585	JANE	2,746,587
HILTI		IMABEPPU, SUSUMU	2,704,600	JOHNSON, DANIEL RAY	2,883,124
AKTIENGESELLSCHAFT	2,688,781	IMS SOFTWARE SERVICES,		JOHNSON, DANIEL RAY	2,883,255
HILTI		LTD.	2,564,317	JOHNSON, GLENN ALLEN	2,867,297
AKTIENGESELLSCHAFT	2,786,789	INABA, TAKESHI	2,663,103	JOHNSON, MICHAEL E.	2,644,140
HILTMANN, FRANK	2,862,277	INMAN, DANA MICHAEL	2,809,764	JOHNSON, MICHAEL, H.	2,807,371
HIMMELSBACH, FRANK	2,730,208	INNOVA BIOSCIENCES		JOHNSON, ROSS	2,644,485
HIRAMATSU, KAORU	2,850,195	LIMITED	2,791,726	JONES, DARYL RICHARD	2,708,503
HIRAOKA, TAKAO	2,885,720	INNOVA PATENT GMBH	2,859,420	JONES, MATHEW PETER	2,876,467
HO, SAIYIU, DUNCAN	2,749,286	INSTITUT NATIONAL		JONSSON, ELIAS	2,728,052
HODGES, WESLEY BRYAN	2,908,728	D'OPTIQUE	2,761,092	JORGENSEN, MORTEN	2,876,037
HOERNING, BENT	2,731,661	INTELLIKINE LLC	2,738,429	JOUBERT, PHILIPPE	2,726,905
HOFFJANN, CLAUS	2,772,577	INTERMUNE, INC.	2,710,014	JOY CHIEF HARDWARE	
HOFFMANN, CARL	2,688,781	INTERMUNE, INC.	2,710,358	INDUSTRIAL CORP.	2,888,323
HOGAN, ROBERT	2,698,835	INTERROLL HOLDING AG	2,860,972	JTEKT CORPORATION	2,909,839
HOHEISEL, WERNER	2,679,177	INTERTRUST TECHNOLOGIES		JUPPO, ARI	2,776,838
HOHMANN, ARNO	2,647,030	CORPORATION	2,675,595	KADAMBAR, VASANTHA	
HOJJAT, NASRIN	2,922,043	INTOCCIA, ALFRED P.	2,705,609	KRISHNA	2,881,991
HOLDEN, DAVID	2,689,626	IRWIN, JAMES P.	2,838,189	KAGEYAMA, YUSUKE	2,819,349
HOLTE, BO	2,744,904			KAH, CARL L. C., JR.	2,817,889

**Index des brevets canadiens délivrés  
25 octobre 2016**

KAHNERT, ANTJE	2,706,529	KNOFE, HELMUT	2,625,513	LAHM, GEORGE PHILIP	2,626,839
KAIDA, HIDETOSHI	2,875,191	KNOPH, RAY	2,763,243	LAM, CLIVE CHEMO	2,751,079
KALAMKAR, ABHIJIT	2,793,307	KNUDSON, EDWARD B.	2,569,060	LANDMARK GRAPHICS	
KAMIYAMA, YUICHI	2,902,398	KOBAYASHI, HIROYUKI	2,864,222	CORPORATION	2,825,430
KAMMANN, REINHOLD	2,751,079	KOBILANSKY, ALEXANDER	2,875,894	LANDMARK GRAPHICS	
KANDA, YUTAKA	2,704,600	KODUMURU,		CORPORATON	2,910,829
KAROV ZANGVIL, YAEL	2,731,899	VISHNUMURTHY	2,715,947	LANG, ERIC RYAN	2,684,247
KARANOJA, ESKO	2,718,484	KOEDERITZ, WILLIAM LEO	2,751,079	LANGE, STEVEN J.	2,857,277
KATAISTO, ERIK WAYNE	2,822,016	KOHAN, MARK E.	2,564,317	LANGES, CHRISTOPH	2,726,704
KATTO, TERO	2,718,484	KOHLMANN, LARS	2,724,211	LANGH, HANS	2,764,746
KATZ, ADAM	2,678,873	KOHR, TIM J.	2,645,419	LANGLOIS, MICHAEL	
KATZ, MICHAEL	2,658,294	KOJIMA, JUNICHI	2,866,132	GEORGE	2,738,698
KATZIN, EDWARD	2,657,456	KOKANE, DATTATREY	2,801,226	LANKFORD, DAVID CHARLES	2,803,796
KAWASAKI, KAORU	2,866,466	KOLB, KLAUS	2,737,098	LARKIN, DAMON RICHARD	2,730,167
KAWATA, HIROYUKI	2,850,195	KOLDING, TROELS	2,686,144	LASCHOBBER, CHRISTIAN	2,726,704
KAY, ANDREAS	2,732,854	KOLOLUOMA, TERHO	2,716,074	LASSETTRE, EDWIN RICHIE	2,515,470
KAY, DAVID	2,652,648	KOMATSU LTD.	2,848,835	LASSILA, LIPPO	2,750,563
KCI LICENSING INC.	2,697,040	KONDO, MASAOKI	2,909,839	LAUCKNER, JOHANNES	2,772,577
KEEN, JAMES HENRY JR.	2,883,255	KONDOC, KAMERON WAYNE	2,824,828	LAUGHMAN, JAMIE L.	2,791,208
KEEN, JAMES HENRY, JR.	2,883,124	KONINKLIJKE PHILIPS		LAUVDAL, OLAV	2,759,088
KEENAN, DESMOND B.	2,809,764	ELECTRONICS N.V.	2,763,243	LAWRENCE, KENNETH H.	2,752,638
KELLER, STACIA	2,447,058	KOP, THEO ARNOLD	2,869,339	LAZARIDIS, MIHAL	2,848,112
KELLEY, PAUL H.	2,699,428	KOP, THEO ARNOLD	2,869,340	LBP MANUFACTURING, INC.	2,780,514
KELLUM, WILBUR JAMES, III	2,788,906	KORANNE, MANOJ MUKUND	2,665,177	LE POSTOLLEC, AURELIE	2,717,996
KEMIRA OYJ	2,776,838	KOSSLER, PETER	2,819,733	LEBEAU, MARK	2,824,999
KEMPEN, SCOTT L.	2,897,490	KOTHAKONDA, KIRAN		LEE, HYEONJAE	2,814,196
KENNEDY, PAUL	2,809,764	KUMAR	2,818,225	LEE, HYEONJAE	2,820,574
KENWORTHY, MARTIN NEAL	2,728,183	KOZLOVSKIY, VIACHESLAV	2,668,762	LEE, HYEONJAE	2,844,605
KERANEN, MIKKO	2,716,074	KRAMER, VANCE M., JR.	2,785,426	LEE, JOONHUI	2,814,196
KHALIL, EHAB M.	2,725,603	KRAPP, MICHAEL	2,737,098	LEE, JOONHUI	2,820,574
KHEN, DAN Y.	2,508,537	KRAUSE, BERND	2,736,534	LEE, JOONHUI	2,844,605
KIEN, KATHRYN CHRISTIAN	2,788,632	KRAUSE, ERIC J.	2,724,644	LEE, MYUNG-HOON	2,893,830
KIKKO, SATOSHI	2,853,215	KRISTENSEN, ARNE	2,736,531	LEE, PO-SHUN	2,680,333
KIM, GRACE MYONG	2,793,916	KROGERUS, HELGE	2,851,287	LEE, SUN-IL	2,886,964
KIM, HEESOOK	2,878,387	KROOG, JENS-PETER	2,625,513	LEE, TAMMY	2,886,964
KIM, IL-KOO	2,886,964	KRUEGER, PER	2,768,601	LEE, YOUNG-GI	2,878,387
KIM, JINPIL	2,814,196	KRUSKA, BERND	2,680,095	LEHANE, JAMES J., JR.	2,781,378
KIM, JINPIL	2,820,574	KRZYWICKI, ANDRZEJ	2,708,011	LEHR, JOERG	2,804,999
KIM, JU-YEON	2,669,304	KUBO, TOSHIKATSU	2,909,839	LEJNELL, KENNET	2,634,270
KIM, KWANSUK	2,814,196	KUBOTA, MITSUAKI	2,663,103	LEMARCHAND, KEVIN	2,915,726
KIM, KWANSUK	2,820,574	KUCHER, MARTIN	2,862,277	LEMLER, CRAIG C.	2,850,529
KIM, KYUNGHO	2,814,196	KUHLMANN, DAVID J.	2,853,344	LENNOX, MICHAEL D.	2,851,816
KIM, KYUNGHO	2,820,574	KUKLINSKI, BODO	2,819,733	LEPISTO, MATTI	2,724,508
KIM, KYUNGHO	2,844,605	KUMAR, PRAVEEN	2,681,565	LESSO, WILLIAM	2,640,150
KIM, SANGHYUN	2,814,196	KUNITANI, TADASHI	2,662,770	LEVERS, ANDREW	2,734,380
KIM, SANGHYUN	2,820,574	KUNTZ, ASHLEY LYNN	2,788,632	LEVIE, WILLIAM IAIN ELDER	2,832,785
KIM, YOUNG-DON	2,893,830	KUNZLER, ANDREAS	2,677,574	LEVIN, IRA	2,508,537
KIMBARA, ATSUSHI	2,850,458	KUPPANNAN, SELVARAJ	2,746,956	LEWIS, RUPERT M.	2,836,156
KIMBERLY-CLARK		KURJANOWICZ, WLODEK	2,878,742	LEYDEN, CHRIS S.	2,812,533
WORLDWIDE, INC.	2,730,167	KUROANAGI, MUNETOSHI	2,909,839	LG ELECTRONICS INC.	2,814,196
KIMOTO, HIROKO	2,864,222	KUWAYAMA, TAKUYA	2,850,195	LG ELECTRONICS INC.	2,820,574
KIND, SIMON	2,786,789	KWOK, JORDANNA	2,738,698	LG ELECTRONICS INC.	2,844,605
KITAZOE, MASATO	2,749,286	KWON, SEUNGBUM	2,741,039	LI, BIN	2,778,120
KITAZOE, MASATO	2,822,520	KYOWA HAKKO KIRIN CO.,		LI, DIANYUN	2,860,992
KLASSEN, GERHARD D.	2,581,628	LTD.	2,616,256	LI, JIANMIN	2,705,609
KLEIN, CHRISTIAN	2,702,962	KYOWA HAKKO KIRIN CO.,		LI, LIANSHENG	2,738,429
KLINGSTEDT, TOMAS	2,724,508	LTD.	2,704,600	LI, XIANMING JIMMY	2,728,546
KMIECINSKI, RENE	2,724,568	L&P SWISS HOLDING AG	2,876,037	LIAO, SUBO	2,709,886
KMOCH, SVEN	2,899,524	LA LUMIERE, KNICHOLAUS		LIEBER, CHAD ALLEN	2,636,461
KNEE, MICHAEL	2,647,030	DUDLEY	2,822,016	LIEBER, CHAD ALLEN	2,636,482
KNEE, ROBERT A.	2,569,060	LABORDE, PATRICE	2,726,905	LIEBER, CHARLES M.	2,655,340
KNEGTEL, RONALD	2,652,648	LABRECQUE, ROBERT	2,822,971	LIGHT, DAVID	2,706,529
KNIGHT, COLIN	2,800,792	LAFFERTY, TERRENCE P.	2,687,295	LILLEY, DAVID AARON	2,730,167
KNOEPEL, RAY O.	2,921,272	LAHIRI, MAYANK	2,899,732	LIMAYE, MANISH	2,833,059

## Index of Canadian Patents Issued October 25, 2016

LIN, TAO	2,874,798	MARATHIAS, MEGAKLIS	2,826,852	MILLER, EDWARD R.	2,803,747
LITTLE, TROY	2,791,208	MARCHILDON, LOUIS- FREDERIC	2,677,425	MILLER, SCOTT DOWNING	2,740,379
LITTLE, TROY	2,819,747	MARESZ, KATARZYNA	2,680,333	MILLNER, ROBERT	2,744,280
LIU, JILI	2,900,098	MARFURT, KAREN L.	2,707,902	MINAMI, AKINOBU	2,850,195
LIU, JIN-JUN	2,734,363	MARKS, PATRICK	2,689,626	MIRALLES, ALTONY J.	2,857,277
LIU, JUNKANG J.	2,742,076	MARS, INCORPORATED	2,792,390	MIRAMETRIX INC.	2,882,413
LIU, WEI	2,765,748	MARTIN, MICHEL	2,681,546	MIRSKY, JONATHAN	2,619,655
LIU, YI	2,738,429	MARTIN, NICOLAS	2,697,963	MISHALY, DAVID	2,848,445
LJUNGDAHL, PATRICK M.	2,846,243	MARTINEZ CASTANON, GABRIEL ALEJANDRO	2,673,259	MISHRA, UMESH	2,447,058
LOBRACO, JOE	2,699,754	MARTINEZ MARTINEZ, JESUS MANUEL	2,673,259	MISRA, KIRAN	2,842,804
LOEGER, DANIEL R.	2,861,561	MARUYAMA, NAOKI	2,850,195	MISRI, PUNIPRIYA	2,746,587
LOGAN COMPLETION SYSTEMS INC.	2,784,569	MASTERCARD INTERNATIONAL, INC.	2,670,640	MITCHNICK, MARK	2,809,764
LOGAN, AARON W.	2,900,098	MATERIALS & ELECTROCHEMICAL RESEARCH CORP.	2,860,451	MITSUI CHEMICALS, INC.	2,862,245
LOGAN, JUSTIN C.	2,900,098	MATHIAS, JAMES A.	2,853,344	MIYAZAKI, YASUNOBU	2,866,466
LOGANCHUK, VLADIMIR	2,769,019	MATTHIAS, CLAUDIA	2,729,976	MLECZKO, LESLAW	2,679,177
LOKHANDE, VISHAL N.	2,724,644	MATTLA, TERHI	2,718,484	MOADDEB, SHAHRAM	2,726,334
LOMBARDI, KEITH M.	2,639,537	MAXA, STEVEN J.	2,647,030	MOBASHER, AMIN	2,809,039
LONG, JEFFREY KEITH	2,626,839	MAXHAM, KENNETH MARK	2,689,626	MOLECULAR DEVICES, LLC	2,746,743
LONG, JUN	2,880,959	MAY, DARRELL REGINALD	2,814,570	MOLYCORP MINERALS, LLC	2,618,222
LONG, RICHARD Q.	2,853,344	MAYA, MARIA PATRICIA	2,833,059	MOMBREE, ALEXANDER	2,768,601
LONGKOU ZHONGYU MACHINERY CO., LTD.	2,860,992	MAYCOCK, EDWARD CHARLES	2,730,054	MONAHAN, JOHN ARTHUR	2,853,344
LORETI, ALBERTO	2,786,774	MAYR-MELNHOF KARTON AG	2,838,606	MONKIEWICZ, JAROSLAW	2,855,999
LOUISIANA TECH UNIVERSITY RESEARCH FOUNDATION	2,776,808	MCBRIDE, DANIEL R.	2,674,713	MONROS, SERGE V.	2,893,225
LOUTFY, RAOUF O.	2,860,451	MCCLUNG, GUY LAMONTE, III	2,751,079	MONSRUD, LEE J.	2,857,277
LU, LAN	2,778,120	MCDONALD, JAMES P.	2,804,004	MONTOJO, JUAN	2,749,286
LU, QIAO	2,845,773	MCGRATH, MICHAEL G.	2,705,609	MONTOJO, JUAN	2,836,043
LUCAS, ROBERT E.	2,821,086	MCLAUGHLIN, MICHAEL D.	2,897,490	MONTOJO, JUAN	2,842,702
LUMENITE CONTROL TECHNOLOGY INC.	2,840,825	MCNEW, EDWARD B.	2,618,222	MOOG INC.	2,780,481
LUNDGREN, JAN	2,766,284	MEDACTA INTERNATIONAL S.A.	2,883,847	MOON, KYOUNGSOO	2,814,196
LUOTOLA, JUHANI	2,716,074	MEDIPOST CO., LTD.	2,669,304	MOON, KYOUNGSOO	2,820,574
LUTRON ELECTRONICS CO., INC.	2,806,248	MEDTRONIC MINIMED, INC.	2,658,759	MOON, KYOUNGSOO	2,844,605
LUTTROP, DAVID	2,736,534	MEGIDDO, ERAN	2,508,537	MOREY, JOHN D.	2,720,832
LUZENSKI, ROBERT J.	2,853,344	MEINAN MACHINERY WORKS, INC.	2,833,513	MORIN, ARMAND	2,705,609
LYON, THOMAS	2,698,195	MENESES FERNANDEZ, LEOPOLDO	2,891,511	MORITA, TAKANORI	2,745,577
LYONS, RICHARD KEVIN	2,792,131	MENON, KRISHNA	2,862,006	MORMINO, RICHARD PAUL	2,697,040
MA, WEIMING WAYNE	2,778,120	MERCK SHARP & DOHME CORP.	2,718,528	MORRIS, BRADLEY JOHN	2,745,072
MAALAWY, MOHEB	2,923,064	MERZ, THOMAS	2,746,854	MORRIS, CASSANDRA E.	2,771,244
MACDONALD, MARTIN R.	2,845,176	METABOLIC EXPLORER	2,688,450	MORRIS, DAVID E.	2,921,272
MACRO TECHNOLOGY LTD.	2,909,647	METAWATER CO., LTD.	2,662,770	MORTIMER, HAYLAY	2,847,691
MADSEN-DUGGAN, CHRISTINA B.	2,718,528	METCALFE, HAROLD	2,705,920	MOSA INDUSTRIAL CORP.	2,776,928
MAGNA POWERTRAIN INC.	2,663,123	MEYERS, DAVID O.	2,828,285	MOSHAL, MARTIN	2,541,085
MAHNEL, URS	2,647,030	MEYERTHOLEN, DARIN J.	2,647,030	MOSTERT, RICHARD	2,869,339
MAJERCAK, DAVID C.	2,572,720	MEYNIAL-SALLES, ISABELLE	2,688,450	MOSTERT, RICHARD	2,869,340
MAKAROV, ALEXANDER	2,668,762	MIAO, XIAOXIONG SHAWN	2,794,905	MOTOROLA SOLUTIONS, INC.	2,861,561
MAKELA, PASI	2,851,287	MICROMASS UK LIMITED	2,712,459	MOUZE, YANN	2,726,905
MALEK, ROBERT	2,668,762	MICROSOFT TECHNOLOGY LICENSING, LLC	2,508,537	MSA TECHNOLOGY, LLC	2,774,452
MALISKA, THOMAS P.	2,721,517	MIKLOSZ, MARK	2,877,816	MUELLER, DONALD S.	2,720,696
MALKIN, PETER	2,697,894	MIKURIYA, YUTAKA	2,819,349	MUHANNA, EMAD ELDEEN	2,833,059
MALKIN, PETER	2,698,030	MILIN, BILJNA	2,772,776	MUIJZERT, EVERHARD JOHAN	2,751,613
MALLADI, DURGA PRASAD	2,665,682	MILLER, DOUGLAS WAYNE	2,826,852	MULHERN, IORDANKA KOLEVA	2,897,136
MALLINCKRODT LLC	2,709,886			MULLER, GEORGE W.	2,725,603
MAN, HON-WAH	2,725,603			MUMMERT, TODD WILLIAM	2,515,470
MANI, NEELAKANDHA S.	2,729,733			MUNDT, HARALD	2,861,299
MANIFOLD, JOHN ALLEN	2,788,632			MURASATO, AKINOBU	2,850,195
MANOJKUMAR, BINDU	2,801,226			MURAYAMA, KAZUTO	2,868,351
MANSTROM, DALE R.	2,803,747			MURNANE, ROBERT M., JR.	2,834,044
MAPES, CHRISTOPHER M.	2,729,733			MURPHY, DEVON	2,689,626

**Index des brevets canadiens délivrés  
25 octobre 2016**

NABS, DAVID	2,746,191	OBSHCHESTVO S	PAPSDORF, CLIFFORD	
NADEAU, SEBASTIEN	2,738,610	OGRANICHENNOY	THEODORE	2,870,728
NAGASAWA, JOHNNY		OTVETSTVENNOST'YU	PAREKH, UDAY NAVIN	2,728,546
YASUO	2,701,630	"OBEDINENNAYA	PARK, JIN S.	2,572,720
NAGEL, CHRIS	2,746,854	KOMPANIYA RUSAL	PARK, SUNGOK	2,814,196
NAICKER, PRAVIN	2,833,059	INZHENERNO-	PARK, SUNGOK	2,820,574
NAIMI, RAMBOD	2,884,632	TEKHNOLOGICHESKIY	PARKER, GREGORY DAVID	2,812,533
NAIR, MALATHY	2,645,419	TSENTR"	PARRY, RENATE	2,706,529
NAITO, TADASHI	2,835,153	OBSHCHESTVO S	PARSONS, STEVEN M.	2,714,877
NAITO, YASUAKI	2,866,466	OGRANICHENNOY	PASTERIS, ROBERT JAMES	2,653,640
NAKAGAWA, KENICHI	2,745,577	OTVETSTVENNOST'YU	PATEL, JAYESH P.	2,714,681
NAKAMURA, KAZUYASU	2,704,600	"OBEDINENNAYA	PATEL, KANU MAGANBHAI	2,626,839
NALCO COMPANY	2,736,367	KOMPANIYA RUSAL	PATEL, NIMESH V.	2,699,754
NASATO, ELMO	2,728,546	INZHENERNO-	PATOLSKY, FERNANDO	2,655,340
NATIONAL OILWELL VARCO,		TEKHNOLOGICHESKIY	PAWLIGER, MARC	2,793,307
L.P.	2,751,079	TSENTR"	PECASTAING, MATTHIEU	2,781,065
NATIONAL OILWELL VARCO,		OBSHCHESTVO S	PEERLESS WORLDWIDE, LLC	2,892,532
L.P.	2,824,828	OGRANICHENNOY	PELTOLA, MATTI	2,750,563
NATSUME, AKITO	2,616,256	OTVETSTVENNOSTYOU	PEMBERTON FABRICATORS,	
NAZMY, MOHAMED	2,677,574	"FUSION PHARMA"	INC.	2,834,044
NEAGLE, PAUL W.	2,853,344	OESTREICH, WOLFGANG	PENG, YING	2,853,344
NELSON, DEEANN LING	2,871,284	OESTREICH, WOLFGANG, DR.	PENICAUD, LUC	2,639,068
NETTEKOVEN, MATTHIAS	2,850,458	OH, WONIL	PENNINGTON, ROBERT G.	2,750,773
NEUBAUER, MARKUS	2,736,534	OHTANI, TATSUO	PEPE, CARMINE	2,694,263
NG, KAM-SIK	2,738,905	OHTOMO, YOSHIO	PEREZ, JAIME PAUNLAGUI	2,740,379
NI, ZHANGGEN	2,874,798	OILES CORPORATION	PEROT, PHILIPPE	2,726,905
NICHOLS, TOM	2,684,247	OK, MYUNGahn	PERRE, JEAN-MICHEL	2,697,963
NICHOLSON, JEFFERY W.	2,877,557	OKAWACHI, EIJI	PERRIN, TIMOTHY E.	2,897,490
NICONOVUM USA, INC.	2,736,531	OKITSU, YOSHITAKA	PERRY, STEVEN T.	2,853,344
NIKE INNOVATE C.V.	2,662,117	OKUDA, KANEHARU	PERVAN, DARKO	2,669,105
NILSSON, STINABRITT	2,724,508	OKUMURA, AKIHISA	PESCH, REINHOLD	2,668,762
NIPPON STEEL & SUMITOMO		OLSON, ERIK C.	PETMATRIX LLC	2,792,892
METAL CORPORATION	2,850,195	OLSON, JAMES	PETROWELL LIMITED	2,808,468
NIPPON STEEL & SUMITOMO		OLSON, JAY HAROLD	PEUBEZ, ISABELLE	2,730,741
METAL CORPORATION	2,853,215	ONO, MARIKO	PEUKER, MARC	2,647,030
NIPPON STEEL & SUMITOMO		OISO, KEIICHI	PEYTON-JONES, SIMON	2,508,537
METAL CORPORATION	2,866,466	OPPENEIGER, SIMON	PHAM, BARRY	2,658,759
NIPPON STEEL & SUMITOMO		OPPENEIGER, SIMON	PHILIPPART, OLIVIER	2,722,594
METAL CORPORATION	2,866,802	OPPERMANN, HENRY	PICHLER, ARTHUR	2,726,704
NISHIMURA, HIDETAKA	2,846,003	VERNON	PIECHOCKI, JANUSZ	2,806,034
NISSAN MOTOR CO., LTD.	2,819,349	ORION DIAGNOSTICA OY	PIEKARSKI, ROBERT	
NISSAN MOTOR CO., LTD.	2,846,003	ORTKIESE, RUSSELL KEITH	MICHAEL	2,897,490
NITE IZE, INC.	2,824,999	OSGOOD, KEVIN R.	PIERRE, FABRICE	2,701,630
NITESITE LIMITED	2,803,096	OUELLETTE, WILLIAM	PIETSCH, CHRISTIAN	2,725,321
NIU, SUYI	2,822,220	OUTOTEC OYJ	PILETTE, STEPHANE	2,738,610
NIWA, RINPEI	2,616,256	OVD KINEGRAM AG	PIONEER HI-BRED	
NORTHROP GRUMMAN		OVERHORIZON (CYPRUS)	INTERNATIONAL, INC.	2,806,832
SYSTEMS CORPORATION	2,836,156	PLC	PIPPEL, DANIEL J.	2,729,733
NOVA CHEMICALS		OY LANGH SHIP AB	PITARRESI, GIOVANNA	2,744,892
CORPORATION	2,708,011	OYA, RYOSUKE	PITMAN, CHARLIE	2,762,591
NOVALIQ GMBH	2,776,860	OZAKI, TAKUYA	PLANAT-BENARD, VALERIE	2,639,068
NOVARTIS AG	2,715,947	OZAWA, HITOSHI	PLANETA, MIROSLAV	2,909,647
NOVARTIS AG	2,725,185	PAAKKANEN, HEIKKI	PLANT, TOMMY GEORGE	2,867,297
NOWITZKI, BERND	2,855,999	PACIFIC BIOSCIENCES OF	PLEIL, MARTIN	2,688,781
NOZAWA, YOSHIOKI	2,833,513	CALIFORNIA, INC.	PLUROGEN THERAPEUTICS,	
NTT DOCOMO, INC.	2,766,892	PAHUTSKI, THOMAS	INC.	2,678,873
NUGENT, JEREMY HOWARD	2,788,632	FRANCIS, JR.	POKROVSKAIA, NATALIA	2,715,947
NUTRAMAX LABORATORIES,		PAK, JUNG KWON	POLLOCK, ANDREW LESLIE	2,712,399
INC.	2,672,108	PALMER, DAVID C.	POLLOCK, EDWARD	
O' HORA, MICHAEL	2,884,632	PALREDDY, SUREKHA	MARSHALL	2,712,399
O'BRIEN, ROBERT S.	2,752,209	PALUMBO, FABIO	POPE, JOHN	2,600,795
O'KEEFE, DONALD	2,811,297	PANICKER, MOHAN K.	PORCHE, MICHAEL NATHAN	2,751,079
O'NEILL, VICTORIA ANN	2,750,144	PANOV, ANDREY	POST, DANIEL JEFFREY	2,919,772
OBERNDORFER, GEORG	2,688,781	VLADIMIROVICH	POULARD, OLIVIER PIERRE	2,833,059

## Index of Canadian Patents Issued October 25, 2016

POWELL, LYN	2,728,183	RHODES TECHNOLOGIES	2,822,016	SADLER, THOMAS M.	2,851,816
PRAKASH, RAJAT	2,822,520	RHODIA OPERATIONS	2,665,177	SAGEM DEFENSE SECURITE	2,687,809
PRASAD, ANEGONDI		RICHARDS, GAVIN VICTOR		SAITO, NORIHIKO	2,909,839
SREENIVASA	2,818,225	CHARLES	2,832,926	SAITOU, KENICHI	2,866,802
PRESIDENT AND FELLOWS		RICHARDS, KELLY RAE	2,826,852	SAKAI CHEMICAL INDUSTRY	
OF HARVARD COLLEGE	2,655,340	RICHARDSON, JOHN	2,853,698	CO., LTD.	2,745,577
PRICE, OLLIE	2,867,297	RICOH COMPANY, LTD.	2,885,720	SAKAI, EIJI	2,662,770
PRIME POLYMER CO., LTD.	2,862,245	RIELDA SERRATURE S.R.L.	2,786,774	SAKAMOTO, SHIN-ICHI	2,833,513
PRIMETALS TECHNOLOGIES		RISCHMILLER, MICHAEL S.	2,857,277	SAKATA, MASATAKA	2,868,351
AUSTRIA GMBH	2,744,280	RITCHIE, PAUL G.	2,644,140	SAMARAS, KONSTANTINOS	2,826,852
PRIMUS, GUNTHER	2,859,420	RIVERA, JOSE B.	2,763,769	SAMSEL, MAREK	2,806,034
PROBST, JOERN	2,730,697	ROBBINS, JAMES A.	2,850,529	SAMSUNG ELECTRONICS	
PRONIC	2,781,065	ROBERTS, ADRIAN	2,893,678	CO., LTD.	2,886,964
PRYOR, JAMES NEIL	2,665,177	ROBERTS, DOUGLAS J.	2,700,806	SANDNES, MARK	2,877,557
PURKIS, DANIEL G.	2,808,468	ROBERTS, GARY	2,853,344	SANDOZ AG	2,726,704
PUZELLA, ANGELO M.	2,850,529	ROBERTS, JOHN	2,705,920	SANGHERA, RICK	2,717,446
PYROTEK SPECIAL EFFECTS		ROBERTS, WALTER A.	2,737,938	SANOFI PASTEUR	2,730,741
INC./PYROTEK EFFETS		ROBERTSON, DAVID WAYNE	2,705,609	SANOFI-AVENTIS	
SPECIAUX INC.	2,680,777	ROCHE GLYCART AG	2,702,962	DEUTSCHLAND GMBH	2,729,976
QIU, DONG MING	2,853,344	ROCHE, MARTIN	2,600,613	SANOFI-AVENTIS	
QUALCOMM INCORPORATED	2,665,682	RODEBAUGH, JONATHAN O.	2,785,426	DEUTSCHLAND GMBH	2,749,865
QUALCOMM INCORPORATED	2,725,321	RODEHEAVER, GEORGE	2,678,873	SANOFI-AVENTIS	
QUALCOMM INCORPORATED	2,749,286	ROEVER, STEPHAN	2,850,458	DEUTSCHLAND GMBH	2,750,317
QUALCOMM INCORPORATED	2,808,595	ROGERS, WM ALLEN	2,853,344	SAPPI NETHERLANDS	
QUALCOMM INCORPORATED	2,822,520	ROGERS-EVANS, MARK	2,850,458	SERVICES BV	2,740,545
QUALCOMM INCORPORATED	2,836,043	ROLAWN LIMITED	2,715,990	SARKAR, SANDIP	2,836,043
QUALCOMM INCORPORATED	2,842,702	ROLLET, STEPHANE	2,697,963	SASAME, MASAMI	2,868,351
QUANTUM MATERIALS		ROLLS-ROYCE PLC	2,697,894	SASOL PERFORMANCE	
CORPORATION	2,679,177	ROLLS-ROYCE PLC	2,698,030	CHEMICALS GMBH	2,862,304
QUINN, ANDREW J.	2,687,854	ROSE, JOHN	2,750,773	SASS, STEVEN R.	2,687,854
QUIRICO, CHARLES R.	2,724,644	ROSINGER, CHRISTOPHER	2,854,520	SATOH, YASUO	2,862,245
RAATIKKA, AMY R.	2,803,747	ROSNER, NORM	2,660,220	SATOZAWA, NOBORU	2,706,529
RADEMACHER, WILHELM	2,737,103	ROSS, TINA MORGAN	2,734,363	SAUDI ARABIAN OIL	
RADHAKRISHNAN, SANJEEV	2,793,307	ROSTRON, JOSEPH RICHARD	2,755,551	COMPANY	2,740,379
RAGHAVACHARI, MUKUND	2,515,470	ROTH, SVEN	2,855,999	SAUKKO, ERKKA	2,718,484
RAJ, ABHIJITSINH	2,639,320	ROTHENBURGER GLAUBITT,		SCANDINOVA SYSTEMS AB	2,766,284
RALPH L. OSGOOD, INC.	2,761,306	MIRANDA	2,730,697	SCHAEFER, DAVID F.	2,746,956
RANERI, JOSEPH J.	2,705,609	ROTOLE, DAVID V.	2,684,247	SCHAFFER, BRADLEY JOHN	2,755,551
RANGARAJAN, KESHAVA P.	2,910,829	ROTTENBERG, DAN	2,848,445	SCHARFENBERG, MICHAEL	2,740,536
RANIERI, ERIC	2,639,537	ROTVOLD, ERIC D.	2,762,092	SCHAEFFLER, PETER	2,625,513
RAO, JUSTIN SANJAY	2,730,006	ROUGVIE, DAVID S.	2,701,224	SCHAEFFLER, TOWNER	
RAPAKA, MADHUKAR	2,813,068	ROUND, MATT	2,867,297	BENNETT	2,774,452
RAU, HARALD	2,602,705	ROUSSEAU, JEAN-MARC	2,738,610	SCHILLING, ROBIN BRUNO	2,795,231
RAU, HARALD	2,824,093	ROUSSON, LUDOVIC	2,875,585	SCHJERVEN, WILLIAM S., SR	2,882,647
RAUSCHER, FRANK	2,679,177	ROVI GUIDES, INC.	2,569,060	SCHLOEGL, HUBERT	2,647,030
RAW, STEVEN ANTHONY	2,728,183	ROVI GUIDES, INC.	2,633,840	SCHLUMBERGER CANADA	
RAWLS, ERIC	2,738,413	ROWLAND, GEORGE R.	2,821,086	LIMITED	2,640,150
RAYCAP, S.A.	2,826,852	RUAN, TIEMING	2,639,320	SCHLUMBERGER CANADA	
RAYTHEON CANADA		RUCHELMAN, ALEXANDER		LIMITED	2,713,502
LIMITED	2,754,264	L.	2,725,603	SCHLUMBERGER CANADA	
RAYTHEON COMPANY	2,850,529	RUDJER BOSKOVIC		LIMITED	2,751,613
REDFEARN, HEATHER MARIE	2,881,991	INSTITUTE	2,836,114	SCHMIDINGER, KLAUS	2,859,420
REES, DANIEL SCOTT	2,874,990	RUETER, JOCHEM	2,750,773	SCHMIDT, HANS PETER	2,658,294
REHNSTROM, MATTIAS	2,720,063	RUIZ, FACUNDO	2,673,259	SCHMIDT, MATTHEW B.	2,853,344
REHWINKEL, HARTMUT	2,724,508	RUNWAY BLUE, LLC	2,828,285	SCHMIDT, PAUL A.	2,793,916
REICHEL, ERIC D.	2,728,431	RUSSELL, ALDEN C., III	2,762,092	SCHMITZER, PAUL R.	2,825,392
REICHOW, ALAN W.	2,662,117	RUSSELL, GRAHAM	2,814,570	SCHMUTZ, FRANCOISE	2,681,546
REIDT, DEAN K.	2,647,030	RUSSELL, LANCE WARREN	2,515,470	SCHNEIDER, DOUG	2,706,529
REISCH, HELGE ALFRED	2,822,016	RYDENHAG, DANIEL TOBIAS	2,816,754	SCHNEIDER, KENNETH	
REISCHL, MARTIN	2,838,606	SABIC SK NEXLENE		CYRIL	2,760,692
REN, PINGDA	2,738,429	COMPANY PTE. LTD.	2,741,039	SCHNEIDER, UWE	2,870,728
RENAULT S.A.S.	2,737,620	SABOURIN, MARC	2,658,212	SCHNELL, ANDREA	2,736,534
RESMED LTD	2,735,986	SACKNER, MARVIN A.	2,809,764	SCHNEPF, ROBERT	2,602,705
RESNICK, JONATHAN	2,908,728	SACURAI, SERGIO LUIZ	2,738,694	SCHNEPF, ROBERT	2,824,093

**Index des brevets canadiens délivrés  
25 octobre 2016**

SCHNUPPER, MICHAEL GLENN	2,874,990	SILVERNAIL, CARTER	2,748,531	SUGIURA, TOMOAKI	2,835,153
SCHOOK, ROBERT	2,675,163	SIMICEVIC, NEVEN	2,776,808	SUH, JONGYEUL	2,814,196
SCHOOLEY, KAREN	2,860,275	SIMMONS, WAYNE W.	2,853,344	SUH, JONGYEUL	2,820,574
SCHOOLEY, KAREN	2,860,277	SINGH, AMIT KUMAR	2,910,829	SULLIVAN, DANIEL JOSEPH	2,826,852
SCHUBERT, ULRIKE	2,706,529	SINNIGE, LAURENCE ANTHONY	2,730,479	SULLIVAN, NICHOLAS J.	2,882,413
SCHULZ, ARNE	2,863,416	SITA INFORMATION NETWORKING		SULZER CHEMTECH AG	2,675,163
SCHULZ, KLAUS-DIETER	2,724,211	COMPUTING USA, INC	2,833,059	SUMITOMO CHEMICAL COMPANY, LIMITED	2,737,884
SCHUMM, BROOKE, III	2,737,938	SKOGLUND, JAN	2,804,984	SUMITOMO SEIKA CHEMICALS CO., LTD.	2,766,318
SCHWAEBE, MICHAEL	2,701,630	SKULLE IMPLANTS OY	2,750,563	SUN, JING	2,765,748
SCOUFIS, JOSEPH J.	2,728,431	SLANDA, JOZEF	2,705,609	SUN, SHAOYI	2,715,947
SEAMAN, GRAHAM	2,737,098	SLING MEDIA, INC.	2,803,796	SUNDQUIST, MATTHEW	2,687,295
SEARS BRANDS, LLC	2,792,131	SMITH, AARON DRAKE	2,730,167	SUNNARI, ANTTI	2,716,074
SEARS BRANDS, LLC	2,800,792	SMITH, BENJAMIN KENNETH	2,626,839	SUNVOLD, GREGORY DEAN	2,792,390
SEGALL, CHRISTOPHER ANDREW	2,842,804	SMITH, CHANDILYN	2,689,347	SURENDRA, MAHESWARAN	2,515,470
SEIPP, ROBYN P.	2,574,531	SMITH, LEROY JR.	2,322,470	SURTI, VIHAR C.	2,789,671
SELO MEDICAL GMBH	2,819,733	SMITH, PETER K.	2,790,598	SUTTON, ALEX	2,919,772
SENDELIUS, MALIN	2,658,294	SMORCHKOVA, IOULIA P.	2,447,058	SUZUKI, SAYAKA	2,864,222
SENHWA BIOSCIENCES, INC.	2,701,630	SNECMA	2,915,726	SWENSON, ROLF E.	2,724,644
SENYUTA, ALEKSANDR SERGEEVICH	2,877,651	SODE, KOJI	2,699,823	SWIATKOWSKI, GERNOT	2,680,095
SENYUTA, ALEKSANDR SERGEEVICH	2,877,854	SODOYER, REGIS	2,730,741	SWITZER, DAVID A.	2,900,098
SEO, DONGWAN	2,814,196	SONG, WEIXIN D.	2,720,696	SYNAPTIVE MEDICAL (BARBADOS) INC.	2,908,728
SEO, DONGWAN	2,820,574	SORENSEN, KIM L.	2,828,285	SYNCRUDE CANADA LTD. IN TRUST FOR THE	
SEO, YOUNGJAE	2,814,196	SORENSEN, STEVEN M.	2,828,285	OWNERS OF THE	
SEO, YOUNGJAE	2,820,574	SORGI, KIRK L.	2,729,733	SYNCRUDE PROJECT, AS	
SERHAL, KAMAL ELIAS	2,708,011	SOUCAILLE, PHILIPPE	2,688,450	SUCH OWNERS EXIST	
SERVICIOS ADMINISTRATIVOS		SOUCY INTERNATIONAL INC.	2,677,425	NOW AND IN THE	
PENOLÉS, S.A. DE C.V.	2,673,259	SOUNDARARAJAN, GOPIKRISHNAN	2,658,759	FUTURE	2,880,959
SETIADI, ALVERNIA FRANCESCA	2,574,531	SOUTHEAST DIRECTIONAL DRILLING, LLC	2,879,946	SYNGENTA PARTICIPATIONS AG	2,665,455
SGL CARBON SE	2,862,277	SPAN, EDWARD ANTON FREDERIK	2,869,339	SYNGENTA PARTICIPATIONS AG	2,738,413
SGRAJA, CHRISTIAN	2,725,321	SPAN, EDWARD ANTON FREDERIK	2,869,340	SZALMA, STEPHEN JOSEPH	2,806,832
SHA, LILIN	2,772,576	SPANGLER, RANDALL R.	2,793,307	SZAPIEL, STANISLAW	2,754,264
SHAH, RAJIV	2,658,759	SPANRING, JULIA	2,838,606	SZATNY, MICHAEL	2,825,430
SHANKMAN, RICHARD S.	2,892,532	SPECK, DENIS	2,730,741	SZWARCBERG, JAVIER	2,710,014
SHAPIRO, RAFAEL	2,653,640	SPEEG, TREVOR W.V.	2,644,140	SZWARCBERG, JAVIER	2,710,358
SHARAREH, SHIVA	2,636,461	SPERANINI, SALVATORE	2,814,933	TACTICAL MEDICAL SOLUTIONS, INC.	2,644,485
SHARAREH, SHIVA	2,636,482	SQUARE, INC.	2,919,772	TAH, RICHARD	2,705,609
SHARP KABUSHIKI KAISHA	2,842,804	SSI POWER, LLC	2,755,551	TAILLON, YVES	2,761,092
SHAW INDUSTRIES GROUP, INC.	2,883,124	STAMMEL, THOMAS	2,873,575	TAIT, JOHN H.	2,735,150
SHAW INDUSTRIES GROUP, INC.	2,883,255	STANDKE, BURKHARD	2,855,999	TAKAGI, SHUSAKU	2,835,153
SHAW, MARTIN GOLDMAN	2,730,054	STARK, JEFFREY P.	2,812,533	TAKAHASHI, TETSUKO	2,866,132
SHEKHAR, SHASHANK	2,808,595	STAUBLI, MARKUS	2,677,574	TAKAISHI, MASANAO	2,737,884
SHIM, CHOONSIK	2,741,039	STEELE, BRIAN	2,808,595	TAKAKI, NAOKI	2,835,153
SHIMAHARA, HIDEKI	2,786,789	STEEN, PAUL ARCHIE	2,874,990	TAM, KRISTY LUONG	2,793,916
SHIMAMURA, HIDEAKI	2,663,103	STEIDL, STEFAN	2,706,529	TAMAI, YOSHIKIYO	2,835,153
SHIN, DAEHO	2,741,039	STEINFELD, KAI	2,680,095	TAMALET, STEPHANE	2,701,733
SHINKAWA, TOYOHIDE	2,704,600	STENBACKA, ULF	2,776,838	TAMBER, HARINDER	2,909,647
SHINOZUKA, TSUYOSHI	2,864,222	STENBERG, GORAN	2,720,063	TANAKA, KYOSUKE	2,864,222
SHITARA, KENYA	2,616,256	STENSBRUD, MICHAEL D.	2,646,816	TANG, AILEEN	2,813,681
SHULVER, DAVID R.	2,663,123	STERN, MARK	2,792,892	TATA STEEL IJMUIDEN B.V.	2,869,339
SICCARDI, ALBERTO	2,883,847	STOSSEL, THOMAS P.	2,680,333	TATA STEEL IJMUIDEN B.V. TECHNOLOGIES HOLDINGS	2,869,340
SICCARDI, FRANCESCO	2,883,847	STRAMONDO, ANTHONY	2,697,072	CORP.	2,922,098
SIDENSE CORP.	2,878,742	STRATHMORE INDUSTRIES INC.	2,698,195	TECHSPACE AERO S.A.	2,743,817
SIEMENS AKTIENGESELLSCHAFT	2,680,095	STROBEL, DIETER	2,737,103	TELECT, INC.	2,548,707
SIEMENS INDUSTRY, INC.	2,681,773	STROBEL, MARSHAL A.	2,825,430	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	2,728,052
SIGMON, JOHN C., JR.	2,789,671	SUDEL, MATTHIAS	2,863,416	TEMPLETON, THOMAS	2,919,772
		SUEMATSU, TSUYOSHI	2,875,191		
		SUGIHARA, MOTOHIDE	2,848,835		

**Index of Canadian Patents Issued  
October 25, 2016**

TENAXIS MEDICAL, INC.	2,706,701	TRICO PRODUCTS CORPORATION	2,880,211	VLASOV, IULIAN	2,746,587
TENNY, NATHAN E.	2,749,286	TSUGAWA, WAKAKO	2,699,823	VOELKER, FRANCOIS	2,688,450
TENNY, NATHAN EDWARD	2,822,520	TUBB, ANDREW	2,749,865	VOGT, DEWAYNE G.	2,846,550
TETHIS S.P.A.	2,750,682	TUBB, ANDREW	2,750,317	VOIGT, THOMAS ANDREAS	2,711,860
TEWES-BIS, SPOLKA	2,806,034	TURBOMECA	2,726,905	VOLVO CONSTRUCTION EQUIPMENT AB	2,893,830
THALES	2,697,963	TURNER, DON	2,784,569	VORHAUER, ANDREAS	2,688,781
THALES NEDERLAND B.V.	2,706,121	TURNER, PHILIP	2,740,545	WADIA, NOSHIR CAVAS	2,515,470
THE BOEING COMPANY	2,790,461	TUUSA, SARI	2,750,563	WAHLBERG, PER	2,634,270
THE BOEING COMPANY	2,838,189	TV COMPASS, INC.	2,705,920	WAIN, KEVIN JAMES	2,847,896
THE BRIGHAM AND WOMEN'S HOSPITAL, INC.	2,680,333	TWIN, HEATHER	2,652,648	WAJER, FRANCK	2,706,121
THE CLOROX COMPANY	2,754,513	UCHIDA, KAZUHISA	2,704,600	WALCH, MATTHEW DAVID	2,806,832
THE GILLETTE COMPANY	2,847,896	ULBRECHT, JAN S.	2,587,090	WALKER INDUSTRIES HOLDINGS LIMITED	2,730,479
THE HERSHEY COMPANY	2,645,419	ULTIZYME INTERNATIONAL LTD.	2,699,823	WALSH, THOMAS F.	2,718,528
THE HILSINGER COMPANY	2,851,816	UMANA, PABLO	2,702,962	WALUKIEWICZ, WLADYSLAW	2,447,058
THE MIDDLEBY CORPORATION	2,882,647	UMESH, ANIL	2,766,892	WANG, BOB ZHENGQI	2,772,576
THE POWERWISE GROUP, INC.	2,699,428	UMICORE SHOKUBAI JAPAN CO., LTD.	2,740,565	WANG, JOANNA	2,706,701
THE PROCTER & GAMBLE COMPANY	2,788,632	UMICORE SHOKUBAI USA INC.	2,740,565	WANG, PETER X.	2,709,886
THE PROCTER & GAMBLE COMPANY	2,870,728	UNIVERSITA' DEGLI STUDI DI PALERMO	2,744,892	WANG, QIUSHENG	2,760,692
THE PROCTER & GAMBLE COMPANY	2,871,284	UNIWERSYTET WARMINSKO - MAZYSKI W OLSZTYNIE	2,806,034	WANG, SHIPING	2,677,482
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,447,058	UPSHER-SMITH LABORATORIES, INC.	2,750,144	WANG, TEH-HSIN	2,776,928
THE STANLEY WORKS	2,639,537	USG INTERIORS, LLC	2,711,860	WANG, YONG	2,853,344
THEISINGER, BASTIAN	2,776,860	USG INTERIORS, LLC	2,720,696	WANG, ZHAOYU	2,860,992
THEISINGER, SONJA	2,776,860	USG INTERIORS, LLC	2,781,378	WARD, RICHARD ANDREW	2,881,991
THERMO FISHER SCIENTIFIC (BREMEN) GMBH	2,668,762	USG INTERIORS, LLC	2,877,816	WARREN, JAY A.	2,717,446
THOMAS & BETTS INTERNATIONAL, LLC	2,776,025	UTILICOR TECHNOLOGIES INC.	2,712,399	WATANABE, NOBUO	2,903,814
THOMSON LICENSING	2,875,894	UTTER, ROBERT	2,640,150	WATERLEAF LIMITED	2,541,085
THYSSENKRUPP UHDE GMBH	2,730,366	VACCARI, ANDREA	2,899,732	WATSON, GRAHAM RICHARD	2,751,079
TISSOT, JULIEN	2,781,065	VAELINGE INNOVATION AB	2,669,105	WAVE ENERGY SCOTLAND LIMITED	2,730,054
TITOV, ILYA YURIEVICH	2,850,137	VALLITTU, PEKKA	2,750,563	WEART, ILONA F.	2,771,244
TOEPKE, TODD M.	2,762,092	VAN ANTWERP, NANNETTE M.	2,658,759	WEBER, ULRICH	2,873,575
TOKUNAGA, SATOSHI	2,853,215	VANDENABEELE-TRAMBOUZE, ODILE	2,717,996	WEGGE, THOMAS	2,602,705
TOLLE, BASTIAN	2,863,416	VASS, JACK HUGH	2,665,455	WEGGE, THOMAS	2,824,093
TOM, DANNY	2,680,777	VAST POWER PORTFOLIO, LLC	2,761,802	WEIKEL, ROBERT F., JR.	2,644,140
TOMALA, JANUSZ	2,862,277	VAZQUEZ DURAN, ALMA GUADALUPE	2,673,259	WEISBECK, PAT	2,548,707
TOMANEY, AUSTIN B.	2,689,626	VEISEH, MANDANA	2,696,209	WEISER, MICHAEL F.	2,705,609
TOMPKIN, WAYNE ROBERT	2,740,536	VELISS, LEE JAMES	2,735,986	WEISSENBACH, KERSTIN	2,855,999
TONKOVICH, ANNA LEE	2,853,344	VELOCYS, INC.	2,853,344	WELL DOG, INC.	2,600,795
TOPPANI, DOMINIQUE GILBERT	2,919,772	VENKATA, SRINIVAS PULLELA,	2,818,225	WELLS, ALICIA KRISTIANNE	2,735,986
TOUZARIM, CARLOS EDUARDO DA COSTA	2,738,694	VEOLIA WATER TECHNOLOGIES, INC.	2,860,275	WERNER, MARC W.	2,725,321
TOYODA, KEIICHI	2,866,132	VEOLIA WATER TECHNOLOGIES, INC.	2,860,277	WERTZ, CHRISTIAN F.	2,750,144
TOYOTA JIDOSHA KABUSHIKI KAISHA	2,903,814	VEROLUBE, INC.	2,845,176	WERY, XAVIER	2,743,817
TOYOTA JIDOSHA KABUSHIKI KAISHA	2,909,839	VERSER, DONALD W.	2,735,150	WESTER, CHRISTIAN REBER	2,847,896
TRAINER, DAVID REGINALD	2,698,030	VERTEX PHARMACEUTICALS INCORPORATED	2,652,648	WESTINGHOUSE ELECTRIC COMPANY LLC	2,700,806
TRAN, HOA TRINH	2,793,916	VETTER, DIRK	2,602,705	WHEELER, PETER B.	2,792,892
TRAWICK, BOBBY N.	2,709,886	VETTER, DIRK	2,824,093	WHELAN, DAVID A.	2,790,461
TRETOUT, LUCAS	2,867,297	VILLEMOES, LARS	2,861,299	WHIFFEN, ROBERT	2,862,195
TRICAN WELL SERVICE LTD.	2,545,563	VISA U.S.A. INC.	2,657,456	WHITBY, LAURENCE	2,772,776

**Index des brevets canadiens délivrés  
25 octobre 2016**

WILKINSON, MICHAEL	2,847,691	YORK CONTAINER	
WILLIAMS, DUNCAN E.	2,736,367	COMPANY	2,819,747
WILLIAMS, MICHAEL JOHN	2,713,502	YOSHIMURA, NAOYUKI	2,859,626
WILLIAMS, MICHAEL L.	2,789,671	YOSHINAGA, TAKAHIRO	2,866,466
WILLIAMS, PATRICK G.	2,859,812	YOUNG, NORMAN	2,908,728
WILLIAMSON, MATTHEW	2,663,123	YUSCHAK, THOMAS D.	2,853,344
WILSON, ROBERT F.	2,803,747	ZAIM, MARCIO HENRIQUE	2,738,694
WILSON, TROY EDWARD	2,738,429	ZAKAY, AVRAHAM	2,848,445
WINGFIELD, ALLAN	2,735,054	ZEARBAUGH, SCOTT	
WINTERBOTTOM, NEIL	2,706,701	RICHARD	2,730,006
WIRELESS FUTURE		ZELENY, ANNA D.	2,729,954
TECHNOLOGIES INC.	2,686,144	ZERPHY, GREGORY T.	2,645,419
WITHAM, RICHARD D.	2,618,222	ZHANG, HUIXIONG	2,587,090
WITHERS, JAMES C.	2,860,451	ZHANG, JIALIANG	2,765,748
WITTER, BRADLEY JAY	2,728,431	ZHANG, JIE	2,822,220
WIWI, KEVIN MITCHELL	2,788,632	ZHANG, JING	2,734,363
WMT WIRE MACHINE		ZHANG, KEWEI	2,545,563
TECHNOLOGIES LTD.	2,711,431	ZHANG, WEIHONG	2,725,603
WNEK, PATRICK H.	2,687,295	ZHANG, YINGYING	2,765,748
WOJCIK, ROBERT	2,806,034	ZHANG, ZAIHUI	2,715,947
WOLF, KURT	2,780,514	ZHANG, ZHUMING	2,734,363
WOLFE, CLINTON J.	2,564,317	ZHAO, YONG	2,718,373
WOLTERS, THOMAS	2,860,972	ZHENG, JIANPING	2,746,956
WONG, WEI CHEONG	2,677,482	ZHONGSHAN BROAD-OCEAN	
WOOLSLAYER COMPANIES,		MOTOR	
INC.	2,846,550	MANUFACTURING CO.,	
WORLD RICHMAN		LTD.	2,718,373
MANUFACTURING		ZIEBEL AS	2,778,426
CORPORATION	2,897,136	ZIMMERMAN, PATRICK R.	2,796,450
WORMS, MANFRED		ZIMMERMAN, SCOTT	2,796,450
HERMANN	2,751,079	ZINN, RONALD SCOTTE	2,738,698
WORTHINGTON TORCH, LLC	2,812,533	ZIRKLE, MICHAEL OLEN	2,726,334
WRANOVSKY, STEVEN		ZISCHKA, MICHAEL	2,838,606
RICHARD	2,908,728	ZOETIS SERVICES LLC	2,874,990
WREN, CHRISTOPHER R.	2,836,262		
WRIGHT, BRIAN	2,866,926		
WU, YIFENG	2,447,058		
XENON PHARMACEUTICALS			
INC.	2,715,947		
XIAO, TONG	2,729,733		
XING, ZIYI	2,860,992		
XU, MINGDONG	2,900,098		
XYLEM IP HOLDINGS LLC	2,813,068		
YACH, DAVID	2,581,628		
YAMAGUCHI, ELAINE S.	2,738,905		
YAMANE, HIROYASU	2,662,770		
YAMANE, NAKO	2,704,600		
YAMASAKI, MOTOO	2,704,600		
YAMASHITA, AKIRA	2,909,839		
YAMAUCHI, YO	2,766,318		
YAN, XIAOWEI WILSON	2,778,120		
YANG, BARRY L.	2,853,344		
YANG, QIAN AMANDA	2,738,698		
YANG, QIUXIA	2,765,748		
YANG, YOON-SUN	2,669,304		
YASUI, TAKESHI	2,850,195		
YATSUDA, HIROMI	2,859,626		
YE, PENG	2,515,470		
YEH, CHIN-TSANG	2,776,928		
YEH, JASPER	2,908,728		
YEMM, RICHARD WILLIAM	2,730,054		
YEUNG, LEE K.	2,877,816		
YORK CONTAINER			
COMPANY	2,791,208		

# Index of Canadian Applications Open to Public Inspection

October 9, 2016 to October 15, 2016

## Index des demandes canadiennes mises à la disponibilité du public

9 octobre 2016 au 15 octobre 2016

101247262 SASKATCHEWAN LTD.	2,887,806	BOLDAJIPOUR, BIJAN ANDRE	2,925,589	COOK, DAVID M.	2,926,426
1904296 ALBERTA LTD.	2,927,297	BONANOMI, JACOPO	2,926,348	COOK, DAVID M.	2,926,454
9249-8948 QUEBEC INC.	2,887,732	BONDU, MATHIEU	2,887,732	COOK, DAVID M.	2,926,499
ABE, TAKAYUKI	2,924,564	BONZO, JOHN	2,899,098	COOK, DAVID M.	2,926,869
ACCENTURE GLOBAL SERVICES LIMITED	2,926,579	BOSSHARD, PIERRE	2,927,223	COPE, TRAVIS	2,924,310
ACCENTURE GLOBAL SERVICES LIMITED	2,926,603	BOULC'H, DIDIER LE	2,927,223	CORBIN, DAVID	2,926,929
ACKEL, GILBERT	2,926,689	BOURGEOIS, JEAN-RAYMOND	2,926,904	COVIDIEN LP	2,921,117
AGARWAL, PUNEET	2,921,054	BOUSTANY, LEILA MARIE	2,925,329	COVIDIEN LP	2,921,119
AGRIGENETICS, INC.	2,926,598	BOUSTANS, ANGIE L.	2,925,881	COVIDIEN LP	2,923,239
AGRIGENETICS, INC.	2,926,632	BOYKIW, ALAN	2,926,624	CRISP, RYAN S.	2,926,426
AGRIGENETICS, INC.	2,926,635	BRANSOM, KRIS	2,926,667	CRISP, RYAN S.	2,926,454
AGRIGENETICS, INC.	2,926,668	BRHELLE, ALYSON	2,926,927	CRISP, RYAN S.	2,926,499
AIR PRODUCTS AND CHEMICALS, INC.	2,926,669	BRIA, MICHAEL P.	2,926,412	CRISP, RYAN S.	2,926,869
AIRBUS HELICOPTERS	2,925,675	BROOKFIELD, WILLIAM PETER	2,887,614	DAGGETT, SUSAN	2,924,310
AITKEN, CHARLES	2,924,310	BROWM, ROBERTA CELESTE	2,926,479	DANIELS, CHRISTOPHER S.	2,926,454
ALCOA INC.	2,928,657	BUHLER, MARTIN	2,927,047	DANTAS, PAULA S. O.	2,927,048
AMADEUS S.A.S.	2,925,679	BURANT, JOHN M.	2,925,375	DARREN WATSON	2,887,828
AMADEUS S.A.S.	2,925,680	BURKE, EDWARD J.	2,923,668	DAVIS, BRETT L.	2,927,144
AMARAL, RUI	2,919,342	BURKE, EDWARD J.	2,923,669	DAWSON, JOEL	2,892,872
AMAYA, KOUICHI	2,896,000	BURKHALTER, KURT	2,926,524	DE TRAGLIA AMANCIO FILHO, SERGIO	2,924,209
ANDERSON, RANDALL EUGENE	2,918,142	BYZERY, ROMEO	2,925,675	DE WET, DANIEL J.	2,892,872
ANDERSON, RICHARD N.	2,927,164	CABRERA, RAMIRO	2,921,117	DEERE & COMPANY	2,913,812
ANTYPAS, NAFSICA	2,886,535	CANIS, LAURE	2,925,679	DEERE & COMPANY	2,926,648
ARMINSKI, JAMES	2,926,973	CARBOTECH INTERNATIONAL	2,927,205	DEFIORE, STELLA	2,926,348
ARSENAULT, GILLES	2,887,972	CHAN, JAMES	2,926,667	DEVARAKONDA, MARUTHI NARASINGA RAO	2,925,371
ASHMORE, ERRYN	2,926,973	CHANG, TUNG-WEI	2,925,148	DICKIE, JEFFERY ERROL	2,927,297
ATKINS, THOMAS	2,923,668	CHANNELL COMMERCIAL CORPORATION	2,923,668	DING, DENIS	2,925,986
ATKINS, THOMAS	2,923,669	CHANNELL COMMERCIAL CORPORATION	2,923,669	DIRK DARIN JAMES INC.	2,888,080
AUTRY, BRENDEN	2,924,310	CHAPARRO RIGGERS, JAVIER FERNANDO	2,925,329	DISABATINO, BENJAMIN	2,913,812
BACIU, SANDU	2,887,534	CHAPARRO RIGGERS, JAVIER FERNANDO	2,925,589	DIVERSION TECHNOLOGIES, LLC	2,891,645
BALRAJ, KAMALAKANNAN	2,925,704	CHAPMAN, LEONARD T.	2,924,794	DIVERSION TECHNOLOGIES, LLC	2,893,909
BANOV, DANIEL	2,919,648	CHAPMAN/LEONARD STUDIO EQUIPMENT, INC.	2,924,794	DOHENY, EDWARD L.	2,926,445
BANOV, DANIEL	2,919,673	CHATILLON, MATTHIEU	2,927,250	DOHERTY, TIM	2,887,972
BARBERIO, JEFFREY	2,926,667	CHATILLON, MATTHIEU	2,927,253	DOS SANTOS, JORGE FERNANDEZ	2,924,209
BARBULESCU, ION-HORATIU	2,928,657	CHEN, AMY SHAW-RU	2,925,329	DREAMWELL, LTD.	2,918,982
BASS, KEVIN DUANE	2,921,111	CHEN, MICHAEL	2,926,667	DU, XAN VY	2,926,927
BASS, KEVIN DUANE	2,921,112	CHEN, WEI	2,925,329	DUCHATEAU, PHILIPPE	2,925,589
BAXTER, MATTHEW	2,926,104	CHEN, YONGCHUANG	2,887,810	DUDEMAINE, ERIC	2,907,290
BEACH, BRIAN ANTHONY	2,923,668	CLARK, NATHAN	2,887,740	DUNNE, PATRICK	2,887,835
BEACH, BRIAN ANTHONY	2,923,669	CLEAN ENERGY FUELS CORP.	2,925,986	DUNNE, PATRICK	2,887,918
BEAUJOT, NORBERT	2,888,014	CLOVER MYSTIQUE CO. LIMITED	2,890,487	EKLUND, SCOTT	2,926,963
BENFORD, PETER ANTHONY	2,927,391	COMCAST CABLE COMMUNICATIONS, LLC	2,926,667	ELSAYYED, MAHITAB	2,887,823
BESEDA, BRENT BYRON	2,926,829	COMCAST CABLE COMMUNICATIONS, LLC	2,926,963	EMBRIONIX DESIGN INC.	2,907,290
BHOWMICK, ASHOK	2,926,354			ERREDGE, JONATHAN JAMES	2,927,177
BINDSCHEDLER, PIERRE ETIENNE	2,927,250			ESSERY, ZACHARIAH C.	2,887,232
BINDSCHEDLER, PIERRE ETIENNE	2,927,253			ETZBERGER FEISTAUER, EDUARDO	2,924,209
BLACHECHEN, TATIANA	2,927,048			EUGENE, JOSEPH CHRISTY	2,925,343
BLUNDELL, TERRY	2,887,802			EVENSON, JOHN E., III	2,922,176
				EWING, NATHAN STEWART	2,927,391

**Index des demandes canadiennes mises à la disponibilité du public  
9 octobre 2016 au 15 octobre 2016**

FAROEX LTD.	2,887,720	HANCHETT ENTRY SYSTEMS, INC.	2,926,926	JOHNSON & JOHNSON VISION CARE, INC.	2,925,881
FENWICK, MARK J.	2,925,972	HANCHETT ENTRY SYSTEMS, INC.	2,926,929	JONES, MATTHEW ALLEN	2,922,065
FERRO, PHILIP J.	2,925,704	HANCHETT ENTRY SYSTEMS, INC.	2,927,144	JONES, MATTHEW ALLEN	2,927,163
FINE, KENNETH DAVIN	2,927,041	HANCHETT ENTRY SYSTEMS, INC.	2,927,145	JONES, NICHOLAUS ADAM	2,922,065
FISHER, BRYAN	2,926,927	HANCHETT ENTRY SYSTEMS, INC.	2,926,676	JONES, NICHOLAUS ADAM	2,927,163
FLETTER, MARC ASHLEY	2,927,163	HANCHETT, LELAND J., JR.	2,925,970	JONES, NICHOLAUS ADAM	2,927,169
FLETTER, MARC ASHLEY	2,927,169	HARDESTY, JOHN T.	2,925,970	JONES, RODERICK	2,924,557
FLEXI MATTER LTD.	2,927,170	HARRIOTT, GEORGE MATTHEW	2,926,669	JOY MM DELAWARE, INC.	2,926,445
FONSECA, NELSON	2,925,785	HASSANZADEH, AMIN	2,926,579	JOY, BRUCE R.	2,927,018
FORD, MICHAEL BRENT	2,889,897	HASSANZADEH, AMIN	2,926,603	JUILLERAT, ALEXNADRE	2,925,589
FOSTER, DERICK	2,926,854	HEBAR, JOZE	2,926,686	JURADO, CINDY SIMPSON	2,888,705
FOWLER, GREGORY	2,918,982	HEINRICH, MARC	2,926,492	JURADO, JUDD	2,888,705
FRECHETTE, DENIS	2,927,205	HEINTZ, JEFFREY	2,899,098	K4 INTEGRATION INC.	2,887,972
GAGHAN, STEVEN P.	2,926,350	HEISIG, GERALD	2,926,570	KAINTH, TARLOK SINGH	2,926,973
GALLETTO, ROMAN	2,925,589	HELMHOLTZ-ZENTRUM GEESTHACHT ZENTRUM		KALACHE, MAHA	2,887,823
GANIS, RONY	2,919,512	FUER MATERIAL- UND KUESTENFORSCHUNG		KAMIYA, TOSHIHIKO	2,924,564
GARIMELLA, VENUGOPAL	2,926,973	GMBH	2,924,209	KANG, SEOK WON	2,904,977
GARIN, ALEXANDER	2,926,624	HEROLD, WILLIAM F.	2,921,111	KAPSCH TRAFFICCOM AG	2,923,686
GE ENERGY POWER CONVERSION TECHNOLOGY LTD	2,925,343	HEROLD, WILLIAM F.	2,921,112	KAREESON, THAYA	2,926,963
GENERAL ELECTRIC COMPANY	2,925,341	HERRMANN, NATHAN L.	2,922,176	KENNAMETAL INC.	2,892,872
GENERAL ELECTRIC COMPANY	2,925,345	HILL, DOUGLAS	2,926,624	KENNEDY, JOSH	2,926,963
GENERAL ELECTRIC COMPANY	2,925,347	HINZ, JOHN A.	2,919,289	KEPCO NUCLEAR FUEL CO., LTD.	2,904,977
GENERAL ELECTRIC COMPANY	2,925,371	HINZ, JOHN A.	2,919,295	KERBRAT, MARION	2,927,250
GENERAL ELECTRIC COMPANY	2,925,375	HINZ, JOHN A.	2,919,298	KERBRAT, MARION	2,927,253
GENERAL ELECTRIC COMPANY	2,925,375	HINZ, JOHN A.	2,919,299	KINCH, OWEN	2,888,014
GENERAL ELECTRIC COMPANY	2,925,785	HINZ, JOHN A.	2,919,302	KLIKA, NICHOLAS J.	2,926,412
GENERAL ELECTRIC COMPANY	2,926,072	HIRSCH, ANTONIN	2,927,223	KNIEVEL, DONNA CAROLYNN	2,926,598
GEODYNAMICS, INC.	2,887,740	HO, WEHSIEN	2,925,329	KNIEVEL, DONNA CAROLYNN	2,926,632
GEODYNAMICS, INC.	2,925,970	HONEYWELL INTERNATIONAL INC.	2,925,704	KNIEVEL, DONNA CAROLYNN	2,926,635
GEORGE, KEVIN R.	2,887,740	HOOPER, WILLIAM J., JR.	2,928,657	KOHNEN, LESLIE JOAN	2,927,297
GERSTLER, WILLIAM DWIGHT	2,925,345	HOPSHARVESTER LLC	2,899,098	KOIZUMI, MASAFUMI	2,925,498
GINGERA, GREGORY ROSS	2,926,598	HOULE, MARCEL	2,887,972	KOJIMA, MASAHIRO	2,924,564
GINGERA, GREGORY ROSS	2,926,632	HUBNER GMBH & CO. KG	2,926,492	KOSTIUCK, NIGEL	2,927,184
GINGERA, GREGORY ROSS	2,926,635	HUMBER, JEFFREY A.	2,892,865	KOSTKA, JAMES MICHAEL	2,925,345
GLEASON, BRIAN	2,926,570	HUNSBURGER, GERALD N.	2,926,479	KOSTRZEWSKI, STANISLAW	2,923,239
GOODRICH ACTUATION SYSTEMS SAS	2,919,342	HUNTER DOUGLAS INC.	2,927,164	KOWALCHUK, ALEXANDER	2,915,465
GOODRICH ACTUATION SYSTEMS SAS	2,921,818	HYPHEN SOLUTIONS, LLC	2,926,829	KOWERCHUK, RONALD M.	2,887,806
GOODRICH CORPORATION	2,919,512	IANNI, JOHN JAMES	2,922,378	KRILL, ROSS	2,926,460
GOODY PRODUCTS, INC.	2,926,479	IDESHIO, YUKIHIKO	2,924,564	KUO, TRACY CHIA-CHIEN	2,925,329
GORDEY, KENNETH NICHOLAS	2,927,297	IIDA, AKIRA	2,924,564	KUO, TRACY CHIA-CHIEN	2,925,589
GORDON, LAWRENCE	2,924,557	IKEDA, KOTARO	2,925,498	KWON, KI JUN	2,904,977
GORE, SHERRY L.	2,926,632	INNOVATION WATER CLARIFICATION INC.	2,887,835	LAKSHMANAN, VAIKUNTAM I.	2,926,354
GROVES, WILLIAM G.	2,927,297	INNOVATION WATER CLARIFICATION INC.	2,887,918	LAMOTHE, DENIS	2,887,522
GULFSTREAM AEROSPACE CORPORATION	2,924,310	IPS CORPORATION	2,892,865	LAMOTHE, DENIS	2,887,531
GUREVICH, LINA	2,926,624	ISNARDON, BENEDICTE	2,925,680	LAMOTHE, JEAN	2,887,522
GWILLIM, ROBERT	2,923,668	IZUMI, JUNTA	2,926,503	LAMOTHE, JEAN	2,887,531
GWILLIM, ROBERT	2,923,669	JAN, FRANCIS G.	2,918,982	LANGLOIS, DAMON	2,927,184
HABU, MASAKAZU	2,926,503	JENKINS, TODD	2,926,426	LANTZ, RAYMOND C.	2,926,350
HALSALL, KEVIN THOMAS	2,924,392	JENKINS, TODD	2,926,454	LAVOIE, RENAUD	2,907,290
HANCHETT ENTRY SYSTEMS, INC.	2,926,676	JENKINS, TODD	2,926,499	LE FLEM, GRAHAM DEREK	2,925,343
		JENKINS, TODD	2,926,869	LEWIS, ROBERT W.	2,926,676
		JIN, BO	2,926,669	LIM, DAVID	2,926,624
		JOHNSON & JOHNSON CONSUMER INC.	2,927,048	LO, SHUN-NAN	2,913,970
				LO, SHUN-NAN	2,919,455
				LORENTZ, JAMES	2,888,236
				LORENZETTI, DANIELLE	2,927,048
				LUSH, DAVID EARL	2,887,973

**Index of Canadian Applications Open to Public Inspection  
October 9, 2016 to October 15, 2016**

MACHIDA, KIYOHITO	2,926,503	OSBURN, MICHAEL P.	2,926,524	RAY, RICHARD	2,927,390
MAGNA INTERNATIONAL INC.	2,926,973	OTTENBREIT, TIMOTHY	2,888,014	RAYMOND, FRANCK	2,927,250
MALHOTRA, PANKAJ	2,921,054	OWENS CORNING		RAYMOND, FRANCK	2,927,253
MARKETING IMPACT LIMITED	2,889,218	INTELLECTUAL CAPITAL, LLC	2,926,426	REEMA, SEBASTIAN	2,927,149
MARTIN, BENJAMIN JOEL	2,926,350	OWENS CORNING		REHRIG PACIFIC COMPANY	2,926,854
MASCO CANADA LIMITED	2,926,927	INTELLECTUAL CAPITAL, LLC	2,926,454	REID, ANTHONY	2,926,445
MATSUMOTO, MASASHI	2,925,961	OWENS CORNING		RELYEA, CHRISTOPHER	2,926,869
MATSUURA MACHINERY CORPORATION	2,896,000	INTELLECTUAL CAPITAL, LLC	2,926,499	REYCO GRANNING, LLC	2,919,289
MAXOR INC.	2,887,522	OWENS CORNING		REYCO GRANNING, LLC	2,919,295
MAXOR INC.	2,887,531	INTELLECTUAL CAPITAL, LLC	2,926,869	REYCO GRANNING, LLC	2,919,298
MCCAULEY, WAYNE	2,925,633	PAPPLE, MICHAEL	2,926,366	REYCO GRANNING, LLC	2,919,299
MCGUIRE, JOHN	2,924,310	PAPPLE, MICHAEL	2,926,373	REYCO GRANNING, LLC	2,919,299
MCKEE, MICHAEL	2,924,310	PARGHI, ANANTRAY	2,926,664	REYCO GRANNING, LLC	2,919,302
MCNAMEE, THOMAS J., III	2,926,454	PARK, SUN HO	2,904,977	RICHARD, PAUL	2,921,117
MEGGITT AIRCRAFT BRAKING SYSTEMS	2,926,524	PARSONS, CHAD	2,927,026	RIPLEY, VAN L.	2,926,668
MEGTEC SYSTEMS, INC.	2,926,412	PARSONS, STEVEN M.	2,927,026	ROBACH, CHRISTINE	2,927,250
MENDELL, PAUL E.	2,891,645	PASCUA, EDWARD DERRICK	2,925,329	ROBACH, CHRISTINE	2,927,253
MENDELL, PAUL E.	2,893,909	PAUL, STEPHEN	2,921,117	ROBER, DARYL I.	2,926,648
MESHORER, YISHAI	2,927,170	PEIRO, ANDREA	2,926,667	ROBINSON, BRANDON	2,926,454
MESSIER-DOWTY LIMITED	2,926,104	PEREYRA, MATIAS GUSTAVO	2,927,047	ROBINSON, JOHN	2,926,667
MIKULA, RANDY	2,888,236	PEREZ, MARTIN GERARDO	2,892,872	ROLLINS, JAMES A.	2,887,740
MITSUI HIGH-TEC, INC.	2,925,961	PERRIN, REMI	2,927,250	ROSENBERG, TIMOTHY M.	2,926,412
MIZUTANI, TATSUHIKO	2,925,961	PERRIN, REMI	2,927,253	ROSS VIDEO LIMITED	2,926,581
MODI, SHIMON	2,926,579	PERRY, THOMAS	2,926,350	ROUNDING, MICHAEL	2,926,624
MODI, SHIMON	2,926,603	PERTEL, THOMAS CHARLES	2,925,589	RTP SOLUTIONS LTD.	2,927,228
MOLLNER, BRIAN CHRISTOPHER	2,927,177	PFIZER INC.	2,925,329	SALTER, BENJAMIN GUY	2,925,343
MONDS, BOB	2,892,872	PFIZER INC.	2,925,589	SANDE, GERALD	2,938,943
MONEY, TRISTAN	2,887,808	POLLOCK, JOEL	2,889,218	SANDE, JENNIFER	2,938,943
MONTEGUT, FRANCOIS	2,925,680	POLYRAP PAVEMENT SYSTEMS LTD.	2,926,664	SANOR, TOM	2,926,973
MOON, GARRY E.	2,887,533	POLZER, BENJAMIN DAVID	2,887,719	SAPIENZA, JONATHAN	2,921,117
MOORES, JOHN WILLIAM	2,925,345	POVOLNY, ROBERT	2,923,686	SASU, BARBRA JOHNSON	2,925,589
MORALES-TIRADO, JUAN A.	2,922,378	PRATT & WHITNEY CANADA CORP.	2,926,366	SAWICKA, MONIKA	2,885,125
MORTON, CHRISTOPHER	2,926,486	PRATT & WHITNEY CANADA CORP.	2,926,373	SCHLEICHERT, EDWARD	2,926,973
MOSANER, KNUD	2,926,492	PRATT & WHITNEY CANADA CORP.	2,927,257	SCHMIDT, PHILIPP	2,887,751
MOSER, JAY TOD	2,925,341	PRC COMPOSITES, LLC	2,923,668	SCHMIDT, ROBERT KYLE	2,926,104
MOULON, THOMAS	2,919,342	PRC COMPOSITES, LLC	2,923,669	SCHMIDT, WESTON	2,926,667
MOULON, THOMAS	2,921,818	PRESSENCE, JUDICAEAL	2,927,223	SCHURR, MACKENZIE D.	2,887,238
MULCHANDANI, SHAAN	2,926,579	PRIBANIC, RUSSELL	2,921,119	SCHWITTERS, CHRISTOPHER L.	2,921,111
MULCHANDANI, SHAAN	2,926,603	PROCESS RESEARCH ORTECH INC.	2,926,354	SCOTT, WILLIAM N.	2,926,479
MURRAY, DANIEL J.	2,888,535	PROFESSIONAL COMPOUNDING		SEEDMASTER MANUFACTURING LTD.	2,888,014
NAUTEL LIMITED	2,887,751	CENTERS OF AMERICA (PCCA)	2,919,648	SELLHORN, AUGUSTO RAMON	2,925,341
NEATE, JOHN A.	2,923,669	PROFESSIONAL COMPOUNDING		SEOK, CHANG KYU	2,904,977
NEGM, WALID	2,926,579	CENTERS OF AMERICA (PCCA)	2,919,673	SHAFFER, RANDALL	2,926,929
NEGM, WALID	2,926,603	RAJAEI, FARIBORZ	2,887,743	SHAFFER, RANDALL	2,927,144
NEMES, RAUL	2,926,624	RAJPAL, ARVIND	2,925,329	SHARIF ASKARY, JAMSHID	2,925,341
NEUMANN, BRYON	2,913,812	RAJPAL, ARVIND	2,925,589	SHAW, ERIC J.	2,926,668
NGUYEN, HUNG QUANG	2,921,111	RAMASUBRAMANI, MANI	2,926,667	SHIBUTA, TADASHI	2,925,961
NGUYEN, HUNG QUANG	2,921,112	RAMBO, JEFFREY DOUGLAS	2,925,345	SHIELDS, DANIEL R.	2,927,163
NICHOLAS, DAVID	2,921,119	RANKS, DENNIS FRANCIS	2,927,297	SHIELDS, DANIEL R.	2,927,169
NIEBRES, FRANCISCO	2,926,963	RASZGA, CALIN	2,926,648	SHROFF, GAUTAM	2,921,054
NOGUEIRA, LUCIANO M.	2,927,048	RAY'S WELDING SHOP, INC.	2,927,390	SIMS, RYAN MATTHEW	2,926,926
NOVO, BARBARA	2,926,348			SIMS, RYAN MATTHEW	2,927,145
O'NEILL, CHRISTOPHER MICHAEL	2,926,669			SINGER, NICHOLAS J.	2,925,179
OCHIAi, KIYOE	2,926,503			SIZEMORE, DONALD MARK	2,926,581
OGO TECHNOLOGY LIMITED	2,924,392			SMALLEY, PRESTON	2,926,963
OLEON SAS	2,927,250			SMART TECHNOLOGIES ULC	2,926,624
OLEON SAS	2,927,253			SMITH, DUNCAN	2,887,808
OLON S.P.A.	2,926,348			SNYMAN, BEN	2,926,445
				SO, DAL YOUNG	2,904,977
				SOMMER, CESAR ADOLFO	2,925,589
				SOPREMA	2,927,250
				SOPREMA	2,927,253

**Index des demandes canadiennes mises à la disponibilité du public  
9 octobre 2016 au 15 octobre 2016**

SPALDING, MATTHEW		TURPIN, PIERRE	2,921,818	ZIMMER, ANDREW	
WILLIAM	2,927,391	TWEEL, PATRICK M.	2,926,479	MATTHEW	2,926,581
SPENCE, BARUCH	2,926,926	UHL, FAWN	2,926,454	ZMERLI, FETEN	2,925,679
SPX CORPORATION	2,927,018	UKUKU, DIKE O.	2,926,493		
SRIDHAR, RAMAMRITHAM	2,926,354	UPPER, JOE	2,887,828		
STAATS, SHANNON D.	2,926,426	UPPER, JOE	2,926,842		
STAATS, SHANNON D.	2,926,454	URAC, TIBOR	2,927,257		
STAATS, SHANNON D.	2,926,869	URUSHIZAKI, YUKINORI	2,896,000		
STANTON, WILLIAM H.	2,887,720	VALE S.A.	2,887,719		
STAPLETON, DAVID SCOTT	2,925,347	VALLART, JEAN-BAPTISTE	2,925,675		
STAUDER, FRANK	2,926,927	VALTON, JULIEN	2,925,589		
STEWART, CRAIG	2,888,080	VAN BLARCOM, THOMAS			
STROP, PAVEL	2,925,329	JOHN	2,925,329		
STRYFFELER, DAVID	2,926,445	VAN BLARCOM, THOMAS			
SUGG, CHRISTOPHER		JOHN	2,925,589		
FORREST	2,926,829	VAN DYK, HEKKIE	2,926,445		
SUNDIN, MELANIE T.	2,925,824	VANDENBROUCK, KEVIN	2,926,973		
SUNDIN, RICHARD A.	2,925,824	VASILEVSKI, ALEXANDER	2,927,170		
SYNCRUDE CANADA LTD.	2,888,236	VASQUEZ, FELIX	2,926,829		
SZE, ROBERT	2,926,366	VELDE, TODD F.	2,926,648		
SZE, ROBERT	2,926,373	VENEMA, ANTON KRISTOFER	2,927,228		
TACHIKARA USA, INC.	2,926,486	VENEMA, JEROD ANDRIUS	2,927,228		
TAHIR, MUHAMMAD	2,926,598	VIG, LOVEKESH	2,921,054		
TAHIR, MUHAMMAD	2,926,632	VOGLER, MICHAEL	2,889,218		
TALK TECHNOLOGIES INC.	2,927,184	VUKOVIC, SASA	2,927,018		
TANAKA, RYUZO	2,896,000	WAGNER, JOSEPH	2,926,454		
TAPSCOTT, JARED		WAGNER, MORITZ P.	2,922,378		
JONATHAN	2,927,391	WAL-MART STORES, INC.	2,922,065		
TATA CONSULTANCY		WAL-MART STORES, INC.	2,927,163		
SERVICES LIMITED	2,921,054	WAL-MART STORES, INC.	2,927,169		
TAYLOR, ROBERT JAMES	2,922,065	WALKER, BRIAN	2,887,751		
TAYLOR, ROBERT JAMES	2,927,163	WALKER, PETER WHYTE	2,887,719		
TAYLOR, ROBERT JAMES	2,927,169	WALTON, BRENT CLARENCE	2,921,111		
TAYLOR, TRACY	2,926,973	WALTON, BRENT CLARENCE	2,921,112		
TELETRACKING		WANG, XIAOFENG	2,925,341		
TECHNOLOGIES, INC.	2,926,350	WATSON, DARREN	2,926,842		
TENARIS CONNECTIONS		WAY-MORE	2,925,633		
LIMITED	2,927,047	WEBB, MICHAEL ALLEN	2,926,926		
THALES	2,927,223	WEBB, MICHAEL ALLEN	2,927,145		
THE BOEING COMPANY	2,918,142	WEBB, STEPHEN D.	2,927,184		
THE BOEING COMPANY	2,921,111	WEIST, EDWARD LANDIS, JR.	2,926,669		
THE BOEING COMPANY	2,921,112	WELCH, LORI JEAN			
THE UNITED STATES OF		MEIDENBAUER	2,925,375		
AMERICA, AS		WEST, GORDON FOX	2,887,719		
REPRESENTED BY THE		WHITEHEAD, JAMES H.	2,892,865		
SECRETARY OF		WHITLEY, ROGER DEAN	2,926,669		
AGRICULTURE	2,926,493	WILLIAMS, BRYAN	2,924,310		
THERATIL, IGNATIUS	2,927,257	WOLFE, JARED MATTHEW	2,926,072		
THOMPSON, DOUGLAS		WOMACK, DARREN ANDREW	2,926,973		
JOSEPH	2,925,785	WOZNUK, WADE A.	2,887,768		
TOUTANT, GRANT	2,887,808	WRIGHT, DAWN D.	2,925,881		
TOWNSEND, PETER	2,927,257	WU, JUNXIAO	2,926,669		
TOYOTA JIDOSHA		WU, XIAOMIN	2,926,624		
KABUSHIKI KAISHA	2,924,564	XEROX CORPORATION	2,922,378		
TOYOTA JIDOSHA		YAMAGISHI, YOSHITADA	2,925,961		
KABUSHIKI KAISHA	2,925,498	YEUNG, YIK ANDY	2,925,329		
TOYOTA JIDOSHA		YIP, KWAN YIN	2,890,487		
KABUSHIKI KAISHA	2,925,961	YUAN, SIMON	2,888,236		
TOYOTA JIDOSHA		YUAN-MEI CORP.	2,913,970		
KABUSHIKI KAISHA	2,926,503	YUAN-MEI CORP.	2,919,455		
TRAN, PHAT M.	2,887,237	ZANATTA, CINTHIA	2,927,048		
TREMLAY, VINCENT	2,889,071	ZHAO, JIANWEI	2,926,598		
TRU LIFT SUPPLY INC.	2,915,465	ZHAO, JIANWEI	2,926,632		
TRUE TEMPER SPORTS, INC.	2,927,177				

# Index of PCT Applications Entering the National Phase

## Index des demandes PCT entrant en phase nationale

4D HOLDINGS, LLC	2,944,645	AMGINE TECHNOLOGIES		BAKER HUGHES	
ABAXIS, INC.	2,944,509	(US), INC.	2,944,652	INCORPORATED	2,944,494
ABRAMOV, ANDREY L.	2,942,912	AMIR, URI	2,944,323	BAKER HUGHES	
ABRAMS, MICHAEL A.	2,944,414	AMIR, URI	2,944,325	INCORPORATED	2,944,511
ACCELERON PHARMA, INC.	2,944,335	AMO GRONINGEN B.V.	2,942,213	BAKER HUGHES	
ACOSTA, ERICK J.	2,944,878	AMOREPACIFIC		INCORPORATED	2,944,515
ACTIVE MINERALS		CORPORATION	2,944,694	BAKLAYAN, GEORGE A.	2,944,832
INTERNATIONAL, LLC	2,944,599	AMVALOR	2,943,259	BAKONYI, JOHANNA	2,944,787
ADAPTIVE		AMYDIS DIAGNOSTICS, INC.	2,942,975	BALAKSHIN, MIKHAIL Y.	2,944,905
BIOTECHNOLOGIES		ANAND, ANUSHKA	2,944,612	BALAZS, MERCEDESZ	2,942,820
CORP.	2,944,653	ANDERSON, NEIL	2,944,525	BALFANZ, DIRK	2,944,794
ADVANCED ENGINEERING &		ANDERSSON, HANS-PETTER	2,944,324	BALLARD, CARL PAUL	2,944,493
INNOVATION	2,943,259	ANDRES, WILFRIED	2,943,485	BALLARD, MARK PAUL	2,944,493
ADVANCED REACTOR		ANDYA, JAMES	2,943,262	BALTSEN, LILIAN EVA TANG	2,943,029
CONCEPTS LLC	2,944,530	ANKI, INC.	2,944,783	BANACH, TIMOTHY EDWARD	2,942,800
ADVANTECH BIOSCIENCE		AOKI, TETSUYA	2,944,366	BANDIT NV	2,943,168
FARMACEUTICA LTDA.	2,944,349	AOYAGI, TAIYO	2,944,411	BANDIT NV	2,943,169
AF CHEMICALS, LLC	2,944,699	AOYAGI, TAIYO	2,944,415	BANKS, DAVID R.	2,944,431
AGARWAL, MUKESH	2,944,462	APACHE CORPORATION	2,944,414	BARENHOFF, SWEN	2,937,575
AGRAWAL, MUDIT	2,943,426	APPLER, PAUL	2,944,662	BARNIDGE, DAVID R.	2,944,767
AHLGREN, BRADLEY	2,944,672	APTAR DORTMUND GMBH	2,937,575	BARTHELEMY, CYRILLE	2,944,826
AHN, JOONKUI	2,944,564	AQUANTA INC.	2,944,915	BARUCH S. BLUMBERG	
AIRBUS OPERATIONS		ARANCIO, OTTAVIO	2,944,613	INSTITUTE	2,943,047
LIMITED	2,943,437	ARCELORMITTAL	2,944,309	BASF COATINGS GMBH	2,944,588
AITCIN, XAVIER-PIERRE	2,944,634	ARCHER DANIELS MIDLAND		BASF SE	2,944,677
AJINOMOTO CO., INC.	2,944,393	COMPANY	2,944,731	BASF SE	2,944,848
AKER, ROSS	2,944,587	ARCHITECTURE DU BOIS	2,943,485	BASSETT, JEFFREY	2,944,654
AKIE, GARRETT	2,944,430	ARMAND, MICHEL	2,944,521	BASTING, DANIEL	2,943,002
AKZO NOBEL COATINGS		ARON, KENNETH P.	2,944,509	BATCHELLER, BARRY D.	2,944,423
INTERNATIONAL B.V.	2,942,800	ARRIS ENTERPRISES LLC	2,943,121	BATES, DARCY	2,944,517
ALEXANDER, STUART	2,943,437	ARRIS ENTERPRISES LLC	2,943,216	BAUER MASCHINEN GMBH	2,944,062
ALIMZHANOV, MARAT B.	2,944,335	ASHBAUGH, JOHN	2,944,693	BAURES, MARC	2,944,508
ALLARD, LAWRENCE F.	2,944,373	ASSOCIATION INSTITUT DE		BAYER PHARMA	
ALLEN-PETERSEN,		MYOLOGIE	2,944,186	AKTIENGESELLSCHAFT	2,943,002
BRITTANY	2,944,723	ATARASHI, KOJI	2,944,846	BAYER PHARMA	
ALLESEN-HOLM, MARIE	2,943,029	ATELIERS BUSCH SA	2,944,825	AKTIENGESELLSCHAFT	2,944,251
ALTAVIZ, LLC	2,944,513	ATLAS COPCO ROCK DRILLS		BAYER PHARMA	
ALTERGON S.A.	2,943,232	AB	2,944,724	AKTIENGESELLSCHAFT	2,944,614
ALTRIA CLIENT SERVICES		ATOM TECHNOLOGY INC.	2,930,936	BAYER PHARMA	
LLC	2,942,875	ATSUMITEC CO., LTD.	2,944,397	AKTIENGESELLSCHAFT	2,944,617
ALVING, CARL R.	2,943,190	ATSUMITEC CO., LTD.	2,944,838	BAYLON, DAVID M.	2,943,121
ALWINE, JAMES	2,944,896	AUGENSTEIN, DONALD R.	2,944,359	BAYLON, DAVID M.	2,943,216
AM ENDE, CHRISTOPHER		AULD, JACK R.	2,944,513	BAZBAZ, JACOBO	2,944,904
WILLIAM	2,944,308	AUTOTELIC LLC	2,944,775	BAZET, JEAN-MICHEL	2,942,962
AMAZON TECHNOLOGIES,		BACKMAN, JAN	2,944,566	BECK, HARTMUT	2,944,614
INC.	2,944,166	BACON, ANDY	2,944,833	BECK, HARTMUT	2,944,617
AMAZON TECHNOLOGIES,		BADER, TRAVIS N.	2,944,423	BECK, ZOLTAN	2,943,190
INC.	2,944,361	BAEK, JONGSEOB	2,944,569	BECKER MARINE SYSTEMS	
AMAZON TECHNOLOGIES,		BAGRODIA, SHUBHA	2,942,859	GMBH & CO. KG	2,944,597
INC.	2,944,362	BAI, XU	2,944,805	BECTON, DICKINSON AND	
AMAZON TECHNOLOGIES,		BAILEY, MICHAEL	2,941,694	COMPANY	2,944,799
INC.	2,944,451	BAKALETZ, LAUREN O.	2,941,694	BEDDOK, STEPHANE	2,942,942
AMAZON TECHNOLOGIES,		BAKER HUGHES		BEDDOK, STEPHANE	2,943,153
INC.	2,944,461	INCORPORATED	2,944,339	BEDRINE, OLIVIER	2,942,944
AMENQUAL, JENNIFER EFFIE	2,944,613	BAKER HUGHES		BELL SPORTS, INC.	2,944,358
AMGEN INC.	2,944,194	INCORPORATED	2,944,352	BELL SPORTS, INC.	2,944,737

## Index des demandes PCT entrant en phase nationale

BEN-HENDA, YESMINE	2,944,413	BORDENAVE-JUCHEREAU, STEPHANIE	2,944,413	CAMERON, SCOTT	2,944,009
BENCH TREE GROUP, LLC	2,944,163	BORGMEIER, OLAV	2,943,390	CAMPBELL, LIOUDMILA A.	2,944,649
BENDER, ECKHARD	2,943,002	BOUCHARD, JENS	2,936,381	CAMPHAUSEN, RAY	2,943,241
BENTOSA, CLAUDIA	2,944,711	BOUCHARD, MICHAEL	2,936,381	CAN AMERICAN STONE SPREADER SALES LTD.	2,944,808
BENZ, RAMIN	2,944,814	BOUCHARD, PATRICK	2,944,521	CANCHO GRANDE, YOLANDA	2,944,614
BERCU, ADAM ELLIOT	2,944,629	BOURGEOIS, YAN	2,944,634	CANCHO GRANDE, YOLANDA	2,944,617
BERG, ALEX	2,944,745	BOURGRAF, JOSEPH G.	2,944,489	CANOVAS VIDAL, CARMEN	2,942,213
BERGER, JOHANN	2,942,850	BOURSIER, BRUNO	2,944,911	CAPANEMA, EWELLYN A.	2,944,905
BERGHARD, CHARLOTTA	2,943,140	BOVINO, MICHAEL	2,944,752	CARADEC, THIBAUT	2,944,826
BERNDT, SABRINA	2,942,864	BOWEN, RANDY C.	2,944,616	CARL, DANIEL	2,944,419
BERYL THERAPEUTICS, INC	2,944,805	BRADLEY, MICHAEL	2,944,669	CARLIN, GREG	2,944,146
BESNER, GAIL	2,941,694	BRADY, MICHAEL P.	2,944,373	CARRIER, LUCIE	2,944,186
BEST COLLECT, S.A. DE C.V.	2,944,601	BRASSCORP LIMITED	2,944,662	CARROLL, ANDREW NATHAN	2,942,875
BEUER, FLORIAN	2,943,018	BRAUN, FRANZ-JOSEF	2,944,848	CATTANI, THOMAS J.	2,943,883
BEVERS, JACK III	2,943,262	BRAUNER, BILL	2,944,621	CAVES, KATE	2,944,887
BEZEMER, JEROEN	2,944,194	BREAKMATES INC.	2,944,044	CDF CORPORATION	2,944,615
BHAT, MITHUN	2,942,884	BREMSER, WOLFGANG	2,944,830	CELLECTIS	2,943,008
BHAT, PRASHANT	2,942,884	BRIDGES, CRAIG A.	2,944,373	CELLECTIS	2,944,528
BIKASS, SAEED	2,942,782	BRIDGESTONE BANDAG, LLC	2,944,344	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)	2,943,010
BILIBABY, LLC	2,944,384	BRIGGS, EAMON	2,944,358	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)	2,943,019
BINDSCHADLER, PASCAL	2,944,848	BRIGHAM AND WOMEN'S HOSPITAL, INC.	2,944,314	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2,944,826
BIO-CANCER TREATMENT INTERNATIONAL LIMITED	2,944,554	BRISTOL, INC., D/B/A REMOTE AUTOMATION SOLUTIONS	2,943,266	CFPH, LLC	2,944,578
BIOMED VALLEY DISCOVERIES, INC.	2,944,456	BRISTOL-MYERS SQUIBB COMPANY	2,943,228	CHAI, NING	2,942,820
BIOMET C.V.	2,943,161	BRISTOL-MYERS SQUIBB COMPANY	2,943,241	CHAITIDOU, SOTIRIA	2,944,561
BIONDVAX PHARMACEUTICALS LTD.	2,944,768	BRITISH COLUMBIA CANCER AGENCY BRANCH	2,944,663	CHALEIX, DANIEL	2,944,309
BIONIC ALPHA AG	2,942,850	BROHM, DIRK	2,944,614	CHAMBERS, JAMES W.	2,942,840
BIONOMICS LIMITED	2,944,517	BROHM, DIRK	2,944,617	CHANDRAN, ASHWIN	2,944,352
BIONOMICS, INC.	2,944,649	BROOKER, JEFFREY S.	2,944,688	CHANG, MING-SHI	2,944,624
BISHOP, JASON	2,944,431	BROOKS, ERIC D.	2,943,206	CHAPPELL, MICHAEL	2,944,467
BITTER, GEORGE R.	2,944,777	BROOKS, TIMOTHY WEBSTER	2,944,710	CHAVES, OTHELO ENOJO	2,944,782
BLACK, SHANNON MAXWELL	2,942,875	BROOKS, TODD D.	2,944,746	CHEMBIO DIAGNOSTIC SYSTEMS, INC.	2,944,488
BLACKFORD, MICHAEL "WOODY", E.	2,944,485	BROWN, CAMERON	2,943,446	CHEMETALL GMBH	2,944,830
BLANDENET, OLIVIER	2,944,274	BROWN, MARVIN	2,944,608	CHEN, CHUNPING	2,942,842
BLASCH PRECISION CERAMICS, INC.	2,944,803	BROWNLOW, MICHAEL	2,944,163	CHEN, HAILIANG	2,944,801
BLEILE, DENNIS M.	2,944,509	BRUNETTE, STEVEN RICHARD	2,944,787	CHEN, JEFF	2,944,621
BLESSING, DANIEL	2,943,198	BUCHENEN, BOB	2,944,615	CHEN, JIJI	2,944,476
BLOCH-SALISBURY, ELISABETH	2,943,340	BUIJSMAN, ROGIER CHRISTIAN	2,944,610	CHEN, LI	2,944,554
BLOODWORKS	2,944,909	BUNDREN, JASON L.	2,944,786	CHEN, SHUHUI	2,944,801
BLUML, STEPHEN	2,944,554	BUNTRU, MATTHIAS	2,943,198	CHEN, YING	2,944,194
BODAKE, ABHAY RAGHUNATH	2,944,849	BURCIN, MARK	2,943,035	CHENG, ANDREW A.	2,944,881
BODE, DANIEL	2,942,800	BUREAU, YANNICK	2,944,706	CHENG, PAUL	2,944,554
BOEHRINGER INGELHEIM INTERNATIONAL GMBH	2,944,787	BURKY, THOMAS, E.	2,944,857	CHERNEY, RAPHAEL	2,944,377
BOGNER, PAMELA	2,944,614	BUSCHER, MATTHEW	2,944,152	CHESLEY, DAVID DOLLOFF	2,944,629
BOGNER, PAMELA	2,944,617	BUSH, SHAWN D.	2,944,185	CHEVALIER, STEPHANE	2,942,942
BOHLMANN, ROLF	2,944,251	BUTZIGER, JOHN M.	2,944,434	CHEVROT, ROMAIN	2,944,826
BOISEN, ANJA	2,944,807	BUTZIGER, JOHN M.	2,944,650	CHEZAUD, DAVID	2,943,369
BOLEBRUCH, JEFFREY J.	2,944,803	CABLE, ALEX EZRA	2,944,688	CHHATBAR, CHANDRESH	2,944,330
BOMBARDIER RECREATIONAL PRODUCTS INC.	2,944,634	CAFEX COMMUNICATIONS INC.	2,944,733	CHIANG, NANCY	2,942,820
BOMER, ULF	2,944,251	CAI, DAWEI	2,943,047	CHIASSON, MARK A.	2,944,777
BONAKDARPOUR, ARMAN	2,944,523	CAMERON INTERNATIONAL CORPORATION	2,944,359	CHILDS, DAVID PAUL	2,944,210
BOONS, GEERT-JAN	2,944,539	CAMERON INTERNATIONAL CORPORATION	2,944,441	CHIU, HENRY	2,942,820
				CHOI, IN YOUNG	2,944,479
				CHOI, JUNG SUN	2,944,694

## Index of PCT Applications Entering the National Phase

CHOI, KYUNG HO	2,944,694	CULTURE COUNTS PTY. LTD.	2,944,467	DROVER, CHRISTOPHER	2,944,430
CHOQUET, PATRICK	2,944,274	CUMMINGS, PETER J.	2,944,797	DU, CHANGCHUN	2,943,262
CHRISTEN, URS	2,944,811	CUTHBERT, ANDREW, J.	2,944,857	DUBORD, COLE	2,943,094
CHRISTENSEN, ERIK SKOV	2,943,653	D'ALESSANDRO, GIUSEPPE	2,942,835	DUBROVSKY, ZIVTHAN	2,944,377
CHU, PETER	2,944,649	DAIFUKU CO., LTD.	2,944,353	DUDAY, DAVID	2,944,274
CIBLAT, STEPHANE	2,944,669	DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD.	2,944,411	DUFOUR, BRUNO	2,944,706
CIPOLLONE, JOHN	2,944,463	DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD.	2,944,415	DUFOUR, BRUNO	2,944,715
CLAGETT, SHANE	2,944,159	DAN, ETSUO	2,944,847	DUNLOP, COLIN	2,944,347
CLANCY, THOMAS CHARLES, III	2,944,586	DANA-FARBER CANCER INSTITUTE, INC.	2,944,903	DUQUESNE UNIVERSITY OF THE HOLY SPIRIT	2,944,450
CLARK, JEFFREY W.	2,944,480	DANIELS, LELAND	2,944,693	DUQUESNE UNIVERSITY OF THE HOLY SPIRIT	2,944,510
CLARK, MICHAEL	2,944,483	DANINO, AVIEL	2,944,547	DUSO, WAYNE WILLIAM	2,944,362
CLARKSON UNIVERSITY	2,944,581	DANMARKS TEKNISKE UNIVERSITET	2,944,807	E.L. HATTON SALES CO.	2,943,069
CLAUSEN, BENT	2,943,653	DANONE ALQUERIA S.A.S	2,944,051	EASTMAN, ALAN, R.	2,944,517
CLEANCARBONCONVERSION PATENTS AG	2,944,577	DAOU, FATMA	2,944,340	ECOLAB USA INC.	2,944,356
CLEANFUTURE ENERGY CO LTD.	2,944,793	DARA, MOHAMMAD SAAD	2,944,523	EDELMAN, ELAZER R.	2,944,480
CLEMENTE, MATTHEW	2,944,384	DARESHANI, NAJMUS SAQIB	2,944,568	EDEN, IBRAHIM	2,943,426
COETZEE, RUDOLPH	2,944,599	DARLING, JORDAN	2,943,094	EDWARD, GILES	2,944,465
COHEN, BARRY	2,944,768	DARLING, STUART	2,944,009	EIDEN, STEFAN	2,943,390
COHEN, MICHAEL F.	2,944,405	DASARI, SURENDRA	2,944,767	EIGEN SYSTEMS LIMITED	2,944,583
COHN, ELYSIA	2,944,459	DAVIS, BARRIE	2,944,520	EILINGHOFF, RON	2,944,830
COLAKYAN, MANUK	2,944,905	DAVIS, BENJAMIN	2,944,520	EISMAN, BRIAN, W.	2,944,358
COLE, RUSSELL	2,944,799	DAVIS, JONATHAN	2,943,241	EISNER, LEO	2,944,594
COLGATE-PALMOLIVE COMPANY	2,944,711	DAVIS, ROBERT	2,944,512	ELBERBAUM, DAVID	2,944,348
COLLADO, FEDERICO, JR.	2,944,304	DAVIS, ROBERT	2,944,755	ELBEX VIDEO LTD.	2,944,348
COLLIN, DELPHINE	2,944,787	DE ALMEIDA, PATRICIA	2,943,262	ELECTRONIC COMMODITIES EXCHANGE, L.P.	2,944,745
COLLINS, EDWIN L., III	2,944,803	DE MAN, ADRIANUS PETRUS ANTONIUS	2,944,610	EMERY, CHARLES D.	2,944,707
COLLINS, MICHAEL SCOTT	2,944,654	DE ROSA, MARIO	2,943,232	EMPL, GUNTER	2,943,264
COLUMBIA SPORTSWEAR NORTH AMERICA, INC.	2,944,485	DE WIT, JOERI JOHANNES PETRUS	2,944,610	ENDAL, GEIR	2,944,057
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	2,943,369	DECAUDIN, DIDIER	2,944,255	ENDO, NARUHIKO	2,944,769
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION	2,944,725	DELTA T CORPORATION	2,944,431	ENSLEY, ERIC TREVOR	2,943,208
CONJUGON, INC.	2,944,407	DENG, SHIXIAN	2,944,613	ESCHENHAGEN, THOMAS	2,944,186
CONKLE, CURTIS	2,944,878	DENVIR, ADRIAN	2,944,204	ESFANDIARI, JAVANBAKHSH	2,944,488
CONVERSE, MATTHEW I.	2,944,616	DEROSA, FRANK	2,944,800	ESLINGER, DAVID MILTON	2,944,635
CONWAY, ANDREW BRYCE	2,944,700	DESMET, JAMES M.	2,944,431	ESPINOSA, REINA	2,944,711
COOK, GRANT O., III	2,944,481	DEUTSCH, ERIC	2,944,608	ESTEBAN GONZALEZ, FRANCISCO JAVIER	2,944,418
COOK, GRANT O., III	2,944,483	DEUTSCHE POST AG	2,944,814	ETCHEPARE, PHILIPPE	2,943,150
COOK, JAMES L.	2,944,416	DEWITTE, PAULA S.	2,944,872	EVANS, JAMES DAVID	2,942,875
COOKE AQUACULTURE INC.	2,944,038	DIAS, ANUSHA	2,944,800	EVERLAST CLIMBING INDUSTRIES, INC.	2,944,159
COPFER, RONALD K., JR.	2,944,419	DIDELOT, SANDRINE	2,944,826	EVOLV TECHNOLOGIES, INC.	2,944,748
CORMIER, YVON	2,944,226	DING, ZHAOZHONG	2,944,801	EVOLV TECHNOLOGIES, INC.	2,944,756
CORTONA, ELENA	2,942,858	DIOP, SEYDOU	2,944,786	EXERGY S.P.A.	2,943,407
COTE, CAMERON	2,944,795	DITTMER, MARC	2,942,864	EXERGY S.P.A.	2,943,409
COTE, KRISTY	2,944,795	DIXIE CONSUMER PRODUCTS LLC	2,944,590	EYRING, MATTHEW J.	2,944,381
COTE, MARIO	2,944,190	DJURIC, MIODRAG	2,944,608	F. HOFFMANN-LA ROCHE AG	2,943,035
CRANTON, GEORGE A.	2,944,662	DNA2.0, INC.	2,944,887	F. HOFFMANN-LA ROCHE AG	2,943,047
CRAUN, GARY	2,942,800	DONALD, GORDON D. III	2,944,622	FABRIZIO, DAVID	2,943,241
CRAWFORD, BRENT	2,944,621	DONALD, JOHN ADAM	2,944,375	FACE TO FACE TECHNOLOGIES INC.	2,944,518
CRNE, MATIJA	2,943,380	DONDERICI, BURKAY	2,944,331	FACEBOOK, INC.	2,944,486
CROCKETT, RICHARD	2,944,194	DONG, QING	2,944,357	FACEBOOK, INC.	2,944,595
CROSSLEY, KEVIN	2,944,194	DORIE, HUGO	2,944,706	FAHAM, MALEK	2,944,653
CUCONATI, ANDREA	2,943,047	DORSEY, CALEB W.	2,944,407	FAMILY ZONE CYBER SAFETY LTD.	2,944,923
CUESICO, CRISTINA R.	2,944,509	DREXEL UNIVERSITY	2,943,047	FANNECHERE, FLORIAN	2,944,715
CUI, SHENG	2,944,194	DRILL RIG SPARES PTY LTD	2,944,514	FASAN, RUDI	2,944,651
		DRILL RIG SPARES PTY LTD	2,944,722	FAUCON, ADRIEN	2,943,019
		DROLL, MARTIN	2,944,830	FAY, DANIEL	2,943,360
				FAY, JONATHAN	2,943,360
				FELDMAN, STEVEN B.	2,944,599

## Index des demandes PCT entrant en phase nationale

FENDLEY, PAUL	2,944,599	FUJIKURA LTD.	2,944,406	GOTTLIEB, EMANUEL J.	2,944,359
FERAUD, JEAN-PIERRE	2,943,369	FUJIO, YOSHIHIKO	2,944,353	GOVINDRAJAN, SRIDHAR	2,944,887
FERNO-WASHINGTON, INC.	2,944,489	FUJITA, SHUHEI	2,944,832	GRACE, MICHAEL J.	2,942,965
FERRONE, CRISTINA ROSA ANNAMARIA	2,944,480	FUJITA, TAITO	2,944,404	GRANGER, DAREN	2,943,161
FIALA, PETR	2,944,782	FUKUI, KIYOYUKI	2,944,863	GRANT, JOHN	2,944,009
FILNER, AARON SAMUEL	2,944,486	FUKUOKA, MOE	2,944,320	GRAY, KENNETH DAVID, JR.	2,944,436
FINA TECHNOLOGY, INC.	2,944,693	FUSIONPIPE SOFTWARE SOLUTIONS INC.	2,944,661	GREALY, MICHAEL H.	2,944,341
FINKENZELLER, STEFAN MICHAEL	2,944,062	FUTURE ENERGY, LLC	2,943,268	GRILL, BERNHARD	2,943,460
FIORITO, JOLE	2,944,613	GADGIL, HIMANSHU	2,944,330	GRIMM, FELIX	2,942,692
FISHER & PAYKEL HEALTHCARE LIMITED	2,944,631	GADRI, ZOHAR	2,944,768	GRIMM, FELIX	2,942,703
FLECKENSTEIN, MELISSA	2,944,711	GAGNE, JACOB	2,944,044	GRIMM, JONATHAN, B.	2,944,476
FLEX-CHEM HOLDING COMPANY, LLC	2,944,700	GALETTO, ROMAN	2,943,008	GRISSET, OLIVIER	2,943,062
FLEXIBLE STEEL LACING COMPANY	2,944,792	GALETTO, ROMAN	2,944,528	GROTE INDUSTRIES, LLC	2,944,710
FLOMAX INTERNATIONAL, INC.	2,944,493	GALIE, THERESA LYNN	2,942,391	GRYLER, JIM	2,944,724
FLOWERS, MATTHEW BRADEN	2,944,513	GALL, SILKE MAREN	2,943,018	GSCHWIND, MICHAEL KARL	2,940,867
FLOWERSEP	2,943,369	GALL, SILKE MAREN	2,943,018	GU, JAMES J.	2,944,881
FLUID HANDLING LLC	2,944,881	GANGJEE, ALEEM	2,944,450	GULIZIA, STEFAN	2,944,525
FLUMILL AS	2,943,324	GANGJEE, ALEEM	2,944,510	GUNDLURU, MAHESH K.	2,944,462
FLYNN, KYLE P.	2,944,858	GAO, CHANGSHOU	2,944,784	GUO, HAITAO	2,943,047
FLYNN, WILLIAM	2,944,595	GAO, CUIHUA	2,944,784	GURWICZ, JOSEPH H. LEE MOFFITT CANCER CENTER AND RESEARCH INSTITUTE, INC.	2,944,802 2,943,389 2,944,274
FOMUKONG, MUNDI	2,944,607	GARNEIJ, FREDRIK	2,944,566	HAAGSMA-VAN DER KOUWE, DANIELLE	2,943,330
FORESTI, ROBERTA	2,943,010	GARZA ABRAHAM, GABRIEL DIAZ	2,944,601	HAGBERG, ERIK	2,944,731
FORLONG, MURRAY HOULTON	2,944,583	GATES, CRAIG	2,944,485	HAGEBARTH, ANDREA	2,943,002
FORSBERG, MARTIN	2,944,724	GE, MENG	2,944,526	HAKALEHTO, EINO ELIAS	2,944,425
FORSYTH, TIMOTHY P.	2,944,509	GEISLER, JENS	2,943,002	HALLIBURTON ENERGY SERVICES, INC.	2,944,331
FOUDA, AHMED	2,944,331	GELINSKE, JOSHUA N.	2,944,423	HALLIBURTON ENERGY SERVICES, INC.	2,944,481
FRANGEARD, DIDIER	2,943,259	GENENTECH, INC.	2,942,820	HALLIBURTON ENERGY SERVICES, INC.	2,944,483
FRASER, DARREN	2,944,525	GENENTECH, INC.	2,943,262	HALLIBURTON ENERGY SERVICES, INC.	2,944,849
FRASER, RACHEL	2,944,459	GENTLE, DAVE	2,944,009	HALLIBURTON ENERGY SERVICES, INC.	2,944,857
FRAUNHOFER- GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2,943,460	GEORGES, YOHANN	2,942,912	HALLIBURTON ENERGY SERVICES, INC.	2,944,857
FRAUNHOFER- GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2,943,198	GEORGIA-PACIFIC CHEMICALS LLC	2,944,619	HALSE, JOEL	2,944,038
FRAUNHOFER- GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2,944,811	GEORGIA-PACIFIC CHEMICALS LLC	2,944,623	HAMEL-PAQUET, JULIE	2,944,521
FREEMAN, THOMAS W.	2,944,872	GEORGIA-PACIFIC CONTAINERBOARD LLC	2,944,899	HANCOCK, NATHAN T.	2,944,430
FRENKEL, ALIASKANDR	2,944,830	GERISCH, MICHAEL	2,944,614	HANMI PHARM. CO., LTD.	2,944,438
FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH	2,943,146	GERISCH, MICHAEL	2,944,617	HANNA, JAN	2,944,724
FREUDENTHAL, TIM	2,944,062	GEROLD, STEPHANIE	2,944,830	HARAZIN, RICHARD R.	2,944,864
FRIGO, MATTEO	2,944,166	GERRD, ANDREW GORDON	2,944,631	HARDY, CRAIG	2,943,067
FRIGO, MATTEO	2,944,361	GERSTEIN, HERTZEL	2,942,848	HARMONIC PHARMA	2,944,255
FRIGO, MATTEO	2,944,362	GHEORGHE, ANDREI	2,944,595	HARRIGAN, KELLY A.	2,942,965
FRIGO, MATTEO	2,944,451	GIANNINI, GIUSEPPE	2,943,021	HART, CHRISTOPHER PATRICK	2,944,525
FRIIS, LARS	2,943,653	GIESE, ANJA	2,943,002	HARUTA, MASAYUKI	2,944,367
FU, DIANKUI	2,944,340	GILBERT, DUANE JUNIOR	2,944,629	HASSIN, SHIMON	2,944,768
FUEG, SIMONE	2,943,460	GIORDANO, MICHAEL	2,944,654	HATANO, KAZUHIRO	2,944,421
		GIRARD, GABRIEL	2,944,521	HATTON, RICHARD J.	2,943,069
		GLASS, KEVIN	2,944,733	HATTORI, MASAHIRA	2,944,846
		GLENNE, MARTIN J.	2,943,167	HAUCK, ERIC W.	2,944,596
		GOHRING, GREG	2,943,161	HAUGLAND, ALEX	2,944,361
		GOLLIHUE, RONALD D.	2,944,880	HAUGLAND, ALEX	2,944,451
		GOLZ, STEFAN	2,943,002	HAWK INDUSTRIES, INC.	2,944,447
		GOMEZ, FRANCISCO	2,944,375	HAYASHI, KEISHI	2,944,433
		GOODMAN, STEVEN D.	2,941,694	HE, HONGPENG	2,943,114
		GOOGLE, INC.	2,944,794	HE, SHIHAI	2,944,373
		GORGEN, VIVIAN A.	2,944,723	HE, WEI	2,944,357
		GORI, KLAUS	2,943,029	HEALTHWATCH LTD.	2,944,323
		GOSLING, STEVE	2,944,615		
		GOSSELIN, MICHAEL L.	2,943,241		
		GOSSELIN, RANDY	2,944,048		
		GOTO, ATSUSHI	2,944,411		
		GOTO, SHISEI	2,944,415		
			2,944,320		



## Index des demandes PCT entrant en phase nationale

JURDAK, RAJA	2,944,725	KLONOWSKI, THOMAS	2,942,962	LARSEN, TOM	2,944,807
JX NIPPON MINING & METALS CORPORATION	2,944,421	KLOX TECHNOLOGIES INC.	2,944,201	LASCH, STANLEY	2,944,811
K-FEE SYSTEM GMBH	2,943,264	KLUESENER, BERNARD WILLIAM	2,943,418	LATESSA, NATHANIEL H.	2,944,419
KABA MAS, LLC	2,944,587	KMA CONCEPTS LIMITED	2,944,797	LAUB, GLENN W.	2,944,446
KABRO, ANZHELIKA	2,944,669	KNAPMEYER, JAMES TERRY	2,942,391	LAUDENSLAGER, JOHN	2,944,571
KABUSHIKI KAISHA TOSHIBA	2,944,855	KO, BEOM SUB	2,944,427	LAVAZZA, ALBERTO	2,942,868
KAJI SEISAKUSHO CO., LTD	2,944,326	KO, WOOSUK	2,944,569	LAVIS, LUKE, D.	2,944,476
KALE, ANIKET	2,944,459	KODAMA, YUICHI	2,944,404	LAZALIER, RAY M.	2,943,342
KALETA, REMIGIUSZ	2,944,573	KOHLSTRUNG, RAINER	2,943,009	LE, ALVIN Y.	2,944,616
KAMEN, DEAN	2,942,884	KOJIMA, KATSUMI	2,944,403	LEAD CO., LTD.	2,944,555
KAMIYAMA, TOSHIHIKO	2,944,433	KOMATSU LTD.	2,944,404	LEBLANC, MELISSA	2,944,669
KANKYOKEIEISOGOKENKYU SHO CO., INC.	2,944,780	KONDO, CHIHIRO	2,944,553	LEE, HYUNHO	2,944,564
KARABOGA, ARNAUD SINAN	2,944,255	KONG, SHUHUA	2,927,871	LEE, JIN-YOUNG	2,944,445
KARAN, GOUTAM	2,944,462	KONKLE, BARBARA A.	2,944,909	LEE, YUEH JUNG	2,944,775
KARAVAS, EVANGELOS	2,944,561	KORBER, KARSTEN	2,944,848	LEGER, SERGE	2,944,669
KARPI, ASKO	2,943,141	KORTEK INDUSTRIES PTY LTD	2,944,520	LEGO A/S	2,944,665
KARR, JESSICA	2,944,459	KOTSONIS, STEVEN	2,943,893	LEGRAND, SACHA	2,943,141
KARVE, SHRIRANG	2,944,800	KOUTRIS, EFTHYMOS	2,944,561	LEHMBECK, JAN	2,943,029
KATAYOSE, HIROICHI	2,944,406	KOUZNETSOV, DENIS	2,943,880	LELY PATENT N.V.	2,942,897
KAUFFMAN, GREGORY WAYNE	2,944,308	KOUZNETSOV, DENIS	2,943,884	LELY PATENT N.V.	2,944,395
KAUFMAN, PETER J.	2,943,456	KOZCULAB, ERIC	2,944,782	LEMM, WILLIAM C.	2,944,511
KAUR, SAMIAN	2,943,238	KRUGER, MARC	2,943,264	LEMM, WILLIAM C.	2,944,515
KAWAI, KAZUNARI	2,944,404	KRUGER, ULI	2,944,793	LENSER, RICHARD	2,944,431
KAWASAKI JUKOGYO KABUSHIKI KAISHA	2,944,774	KSIEZOPOLSKI, EDWIN E.	2,944,632	LESCHER, FABIEN	2,943,150
KEIBLER, EVAN MICHAEL	2,943,446	KUBO, KAZUYA	2,944,838	LEVIN, MICHAL	2,944,794
KELNER, MICHAEL	2,944,699	KUHLMANN, HENNING	2,944,597	LEVY, TIMOTHY DAVID	2,944,923
KEMIRA OYJ	2,943,141	KUNDAM, RAVI KIRAN	2,944,849	LG ELECTRONICS INC.	2,944,564
KENDRICK, JOHN TRENT	2,944,493	KUNITA, TOMOYUKI	2,944,372	LG ELECTRONICS INC.	2,944,569
KERSTEN, WOLFGANG- HEINZ	2,943,320	KUNITA, TOMOYUKI	2,944,439	LI, DANSU	2,944,669
KHAN, MUHAMMAD FAHEEM	2,944,807	KURIHARA, KAZUNORI	2,944,433	LI, FENGKUI	2,944,693
KHOSRAVI, HASSAN	2,944,661	KURIYAMA, YOKO	2,944,393	LI, GANG	2,944,801
KILSGAARD, SOREN	2,943,653	KUSY, BRANISLAV	2,944,725	LI, JIAN	2,944,550
KIM, BYOUNGHOON	2,944,564	KUVEE, INC.	2,944,629	LI, LIE	2,944,801
KIM, HYUNGTAE	2,944,564	KYOKUTOH CO., LTD.	2,944,333	LI, PENG	2,944,512
KIM, JEONG	2,943,262	KYOTO UNIVERSITY	2,944,411	LI, PENG	2,944,755
KIM, KIBEM	2,944,456	KYOTO UNIVERSITY	2,944,415	LI, VOLKHART MIN-JIAN	2,944,614
KIM, KIJUN	2,944,564	KYOWA HAKKO KIRIN CO., LTD.	2,944,571	LI, VOLKHART MIN-JIAN	2,944,617
KIM, YONG IL	2,944,438	L & B MANUFACTURING, INC.	2,944,487	LI, XIANG	2,944,787
KING, SHELBY MARIE	2,944,723	LAFONTAINE, JENNIFER	2,942,859	LI, XIN	2,944,357
KINSMAN, LARRY	2,944,508	LAGARDE, THIERRY LEON	2,944,274	LI, ZHOUE	2,944,533
KINZLER, KENNETH	2,944,456	LAM, ALFRED	2,944,523	LI, ZHOUE	2,944,537
KISER, SAMUEL D.	2,944,880	LAMB, HANS-JURGEN	2,944,675	LIANG, SHUANG	2,944,787
KISTERS, FRIEDRICH	2,943,846	LAMBAEK, JENS STAMP	2,944,665	LIANG, XINYU	2,944,375
KITAGAWA, HIDEKI	2,944,326	LAMBERT, CHRISTIAN M.	2,944,907	LIAO, YUZHEN	2,944,805
KITAHARA, DAISUKE	2,944,422	LANDIS+GYR INNOVATIONS, INC.	2,944,424	LIBAL, JOHN PAUL	2,944,747
KITAHARA, JUN	2,944,773	LANDRY, DONALD W.	2,944,613	LIENAU, PHILIP	2,943,002
KITAHARA, JUN	2,944,781	LANG, DIETER	2,944,614	LIENAU, PHILIP	2,944,251
KITAZATO, NAOHISA	2,944,773	LANG, DIETER	2,944,617	LIFETIME INDUSTRIES, INC.	2,944,632
KITAZATO, NAOHISA	2,944,781	LANGENFELD, CHRISTOPHER C.	2,942,884	LIGHT, J. THOMAS	2,944,643
KITAZATO, NAOHISA	2,944,840	LANGER, ELLEN	2,944,723	LIGORIO, MATTEO	2,944,480
KITAZAWA, MANABU	2,944,393	LANGER, ROBERT S.	2,944,480	LIN, ZHONGHUA	2,942,820
KLAPHOLZ-BROWN, ARIEL	2,944,459	LANGHELLE, RUNE	2,944,702	LINDNER, MICHAEL	2,944,718
KLEIN, DAVID E.	2,943,206	LANSBERRY, GEOFFREY BLAKE	2,944,629	LINDSAY, JOHN S.	2,944,344
KLEIN, FRITZ	2,943,320	LARA-CURZIO, EDGAR	2,944,373	LIONETTE, TIMOTHEE	2,944,476
KLEIN, JOEL	2,944,745	LARCHER, JEAN-ERIC	2,944,825	LIOTTA, JOSEPH JAMES	2,943,208
KLEIN, MOSHE	2,944,745	LARGACHA, CLAUDIA	2,944,051	LIPIECKI, FRANCIS	2,944,905
KLINGER, MARK	2,944,653	LARSEN, TINA AHLBERG	2,943,653	LIPOVSEK, DASA	2,943,228
				LIPOVSEK, DASA	2,943,241
				LIU, CHENGJUN	2,944,526
				LIU, HAO	2,943,389
				LIU, JIAJUN	2,944,725
				LIU, KAN	2,944,794
				LIU, NINGSHU	2,943,002
				LIU, ROBIN	2,944,621

## Index of PCT Applications Entering the National Phase

LIU, XIANBO	2,944,357	MAYO FOUNDATION FOR	MIRONOV, OLEG	2,943,040
LIU, YEN-CHEN	2,944,624	MEDICAL EDUCATION	MIRX PHARMACEUTICALS,	
LOCKNER, JONATHAN W.	2,944,452	AND RESEARCH	LLC	2,944,462
LONGO, VALTER D.	2,944,479		MISHIMA, NOBUYOSHI	2,944,428
LONGYEAR TM INC.	2,944,907	MAZUTIS, LINAS	MITCHELL WOODS	
LOVATT, ZACH	2,942,859	MCCAWLEY, MATTHEW	PHARMACEUTICALS,	
LOVELESS, JACOB	2,944,578	DOUGLAS	INC.	2,944,743
LOWER, ASHER	2,944,194	MCCLELLAN, SCOTT	MITCHELL, IAN	2,944,352
LOZIER, ANTONY J.	2,944,654	MCLAUGHLIN, MARK	MITCHELL, TRACY S.	2,943,241
LU, WEIDONG	2,944,533	MCLEOD, MICHAEL	MITSUBISHI CHEMICAL	
LU, WEIDONG	2,944,537	MCMaster UNIVERSITY	CORPORATION	2,944,422
LUCAS, BRADLEY E.	2,944,899	MCQUEEN, MATTHEW	MITSUBISHI HITACHI POWER	
LUCKING, ULRICH	2,944,251	MEARINI, GIULIA	SYSTEMS, LTD.	2,944,428
LUNGWITZ, BERNHARD	2,944,340	MEDIMMUNE, LLC	MIWA, KAZUHIRO	2,944,779
LUONG, HUNG HUU	2,944,406	MEDSHINE DISCOVERY INC.	MOBILITHINK SOLUTIONS	
LUONG, PETER	2,944,661	MEDTRADE PRODUCTS	INC.	2,944,568
LUTHRA, AJAY K.	2,943,121	LIMITED	MODH, RAM	2,944,711
LUTHRA, AJAY K.	2,943,216	MEHRA, RAJESH K.	MOEN, JOHAN K	2,944,057
LUTNICK, HOWARD W.	2,944,745	MEISNER, ROBERTA A.	MOGENSON, MICHAEL	2,944,377
LUTSENKO, MYKYTA	2,944,595	MELANDER, CHARLES H.	MOHS, ADAM	2,944,508
LUXEMBOURG INSTITUTE OF		MELDAHL, BRIAN	MOLAWI, KIAN	2,944,677
SCIENCE AND		MELET, PATRICK	MOLLER, ANNA KARINA	2,944,677
TECHNOLOGY (LIST)	2,944,274	MELIKECHI, NOUREDDINE	MONASH UNIVERSITY	2,944,550
M-FLOW TECHNOLOGIES		MENKHAUS, JULIE ANN	MONNERIE, EMMANUEL	2,944,424
LTD	2,944,465	MEP EQUINE SOLUTIONS LLC	MONNING, URSULA	2,943,002
MA, JIANGLEI	2,944,798	MERCIER-CALVAIRAC,	MONSEN, STEIN-KYRRE	2,942,782
MACGREGOR SWEDEN AB	2,944,584	FABIEN	MONTGOMERY, TREVOR J.	2,944,048
MACHL, ANDREAS	2,944,573	MERCIER-CALVAIRAC,	MORARU, GEORGES	2,943,259
MACKINLAY, JOCK		FABIEN	MORI, YASUHITO	2,944,553
DOUGLAS	2,944,612	MERCK PATENT GMBH	MORIMOTO, KATSUMI	2,944,399
MADDEN, PETER G.	2,944,585	MERGY, JEFFREY THOMAS	MORITA, HIDETOSHI	2,944,846
MAF SRL	2,944,276	MERUGU, DEEPAK	MORRIS, DANIEL SCOTT	2,944,405
MAGILL, BRIAN MICHAEL	2,944,489	MEURAL INC.	MORTON, JUSTIN	2,944,796
MAGNA INTERNATIONAL		MICRO MOTION, INC.	MOTOROLA SOLUTIONS, INC.	2,943,206
INC.	2,943,374	MICROGEN SYSTEMS, INC.	MOTTERLINI, ROBERTO	2,943,010
MAGNUSON, CHRISTOPHER	2,944,608	MICROSEISMIC, INC.	MOUROT-FILIATRE, JULIA	2,944,186
MALONEY, MICHAEL	2,944,796	MICROSEISMIC, INC.	MOWES, MANFRED	2,943,002
MALONEY, SEAN	2,944,796	MICROSOFT TECHNOLOGY	MOYES, PETER B.	2,943,276
MAMPRESO, MARTA	2,942,835	LICENSING, LLC	MUELLER, BRIAN L.	2,944,356
MANGAN, MARTIN, III	2,944,419	MICROSOFT TECHNOLOGY	MUELLER, CHRISTIAN	2,943,352
MANNAN, SARWAN K.	2,944,880	LICENSING, LLC	MUELLER, OLIVER	2,944,186
MANNI S.P.A.	2,942,861	MICROSOFT TECHNOLOGY	MUKHERJEE, ANUBHAB	2,944,401
MANNI, GIUSEPPE	2,942,861	LICENSING, LLC	MULE, SACHIN D.	2,942,912
MANSON, TIMOTHY KEVIN	2,944,854	MICROSOFT TECHNOLOGY	MULLER, DIDIER	2,944,825
MANTOURLIAS, THEOFANIS	2,944,561	LICENSING, LLC	MULTI-CHEM GROUP, LLC	2,944,878
MANWANI, VIJAY GIRDHAR	2,944,629	MICROSOFT TECHNOLOGY	MUNCH, JURGEN	2,944,588
MARCONI, PATRICK	2,942,944	LICENSING, LLC	MURASE, MAKOTO	2,944,422
MARIN, JEAN PHILIPPE		MICROSOFT TECHNOLOGY	MURPHY, DANIEL P.	2,944,654
JACQUES	2,943,150	MILLER, HAROLD ROY	MURRAY, DAVID L.	2,944,767
MARINEAU, JASON J.	2,944,669	MILLER, JONATHAN DAVID	MUSAL, MICHAEL J.	2,944,737
MARQUES, FRANCOIS	2,943,062	MILLER, SEAN	MUSLUKHOV, ILDAR	2,944,661
MARSCHLOK, AMY	2,944,454	MILLER, TOM	MYLAVARAPU,	
MARSHALL, AARON	2,944,645	MILLERSHIP, JAMES	SANGHAMITRA	2,944,401
MARTENS, THIERRY	2,943,010	MILLS, AUBREY C.	NABORS INDUSTRIES, INC.	2,944,608
MASSACHUSETTS INSTITUTE		MILLS, DAVID	NADLER-NIR, ELIZABETH	
OF TECHNOLOGY	2,944,480	MILLS, JOHN R.	FRANCES	2,944,627
MASTALIA, CARMINE	2,944,276	MILLS, THOMAS MATTHEW	NAGAFUCHI, NAOYUKI	2,944,428
MATES, SHARON	2,944,512	MINAMI, MASATAKA	NAGPAL, RADHIKA	2,944,377
MATES, SHARON	2,944,755	MINIKH, OLGA	NAKABAYASHI, SEIGOU	2,944,397
MATSUDA, TAKAHARU	2,944,406	ALEXANDROVNA	NAKADA, YUKIHIRO	2,944,326
MATSUMOTO, TAKUYA	2,944,393	MINIOTI, KATERINA	NAKAJIMA, KOTARO	2,944,333
MATSUSHITA, TAKAMICHI	2,944,780	MINNOCK, KEVIN P.	NAKAMARU, HIROKI	2,944,403
MAUGARD, THIERRY	2,944,413	MINOMI, KENJIRO	NAKAMURA, GERALD R.	2,942,820
		MINOO, KOOHYAR	NAKAMURA, JUN	2,944,847
		MINOO, KOOHYAR		
		MINSHULL, JEREMY		

## Index des demandes PCT entrant en phase nationale

NAKAMURA, KAZUYUKI	2,944,774	NULTY, GREGORY M.	2,944,440	PARK, HYUNJOO	2,942,820
NAKAMURA, TAKANORI	2,944,433	NUOVO PIGNONE SRL	2,942,835	PARK, JAE HYUN	2,944,438
NAKATANI, TORU	2,944,320	NYE, JAMES ELLIS	2,944,381	PARK, MIN-WOO	2,944,445
NAKAZAWA, YOSHIKI	2,944,770	O'CONNOR, KIM	2,944,703	PARKER, ALAN	2,944,465
NAPP, NILS	2,944,377	O'CONNOR, OWEN ANTHONY	2,944,613	PARKER, DENNIS C.	2,944,599
NAQUIN, DEVIN	2,944,486	O'DONNELL, KATHLEEN	2,944,377	PARKER, REX	2,943,241
NARINE, ARUN	2,944,848	O'HARE, DERMOT	2,942,842	PARNHAM, MICHAEL	2,944,811
NASKAR, AMIT K.	2,944,924	O'LOUGHLIN, SEAN	2,944,733	PARTICLE SIZE	
NATION, ROGER	2,944,550	O'REILLY, JOSEPH MICHAEL	2,943,161	ENGINEERING, LLC	2,944,872
NATIONAL CHENG KUNG		OAKES, SHAWN ALLEN	2,944,590	PATEL, NILESH	2,944,595
UNIVERSITY	2,944,624	OASYS WATER, INC.	2,944,430	PAULOVICH, JONATHAN	2,943,446
NATIONAL OILWELL VARCO,		ODASHIMA, YOSHIHIRO	2,944,769	PAYDARFAR, DAVID	2,943,340
L.P.	2,943,208	ODIN CONNECT AS	2,944,702	PEARCE, CODY A.	2,944,907
NCH CORPORATION	2,944,204	ODMAN SCHMID, OEZGE	2,943,380	PELLETIER, BENOIT	2,943,238
NEMETH, BRAD	2,944,621	OERLIKON METCO (US) INC.	2,944,782	PELTIER, SEBASTIEN	2,944,413
NES, ROLF MORTEN	2,944,057	OGDEN, KENT	2,944,616	PENA, HENRY	2,944,711
NESTEC S.A.	2,927,871	OGILVIE, THOMAS	2,944,814	PENNER, BENJAMIN, W.	2,944,358
NETHERLANDS		OHIO STATE INNOVATION		PEREZ-BOLIVAR, CESAR	2,944,710
TRANSLATIONAL		FOUNDATION	2,941,694	PEREZ-NUENO, VIOLETA	
RESEARCH CENTER B.V.	2,944,610	OIKARINEN, MATTI JUHANI	2,944,166	ISABEL	2,944,255
NEUBAUER, ANJA	2,942,894	OIKARINEN, MATTI JUHANI	2,944,361	PERKINELMER HEALTH	
NEUENDORF, MAX	2,943,460	OIKARINEN, MATTI JUHANI	2,944,362	SCIENCES, INC.	2,944,864
NEW POWER CONCEPTS LLC	2,942,884	OIKARINEN, MATTI JUHANI	2,944,451	PETERSON, MICHAEL T.	2,944,707
NGUYEN, DEBORAH LYNN		OKAMOTO, SATORU	2,944,393	PETROV, ALEKSEJ	
GREENE	2,944,723	OKAZAKI, MITSUYO	2,944,776	IVANOVICH	2,944,860
NGUYEN, DUY T.	2,944,356	OLESON, RICHARD A.	2,944,431	PETTERSON, SEAN	2,943,094
NGUYEN, VU THUA	2,944,525	OLSEN, GARRETT T.	2,944,483	PETTERSSON, BJORN	2,944,324
NIESEN-WARKENTIN,		OMURA, TOMOHIKO	2,944,847	PETTERSSON, MARTIN	
EVGENIJA	2,944,830	OPTIO LABS, LLC	2,944,586	YOUNGJIN	2,944,308
NIITSU, YOSHIRO	2,944,417	OREGON HEALTH & SCIENCE		PETTINGA, MARK STEVEN	2,944,792
NIKOLIS, ANDREAS	2,944,201	UNIVERSITY	2,944,723	PFEIFFER, FERRIS M.	2,944,416
NIPPON PAPER INDUSTRIES		ORGANOVO, INC.	2,944,723	PFIZER INC.	2,942,859
CO., LTD.	2,944,320	ORICA INTERNATIONAL PTE		PFIZER INC.	2,944,308
NIPPON STEEL & SUMITOMO		LTD	2,943,893	PHARMATHEN S.A.	2,944,561
METAL CORPORATION	2,944,770	ORIN TECHNOLOGIES, LLC.	2,944,508	PHILIBERT, ROBERT	2,944,551
NIPPON STEEL & SUMITOMO		ORTIZ, MARK STEVEN	2,944,329	PHILIP MORRIS PRODUCTS	
METAL CORPORATION	2,944,845	OSUKI, TAKAHIRO	2,944,847	S.A.	2,943,040
NIPPON STEEL & SUMITOMO		OTA, TATSUYA	2,944,406	PHILIP MORRIS PRODUCTS	
METAL CORPORATION	2,944,847	OVENTUS MEDICAL LIMITED	2,944,525	S.A.	2,943,459
NIPPON STEEL & SUMITOMO		OWNBY, CLAYTON A.	2,944,481	PHINERGY LTD.	2,944,547
METAL CORPORATION	2,944,863	OWNBY, CLAYTON A.	2,944,483	PILON-THOMAS, SHARI	2,943,389
NIPPON TELEGRAPH AND		PACE, SERGIO	2,944,309	PIOT, JEAN-MARIE	2,944,413
TELEPHONE		PADHYE, RAJIV	2,944,562	PITCHER, IAN	2,944,514
CORPORATION	2,944,406	PADILLA, ANGELIQUEO E.	2,944,832	PLETTNER, ERIKA	2,944,363
NISHIMURA, TAKUYA	2,944,433	PAGEAT, PATRICK	2,943,080	PLOGSTIES, JAN	2,943,460
NISSAN CHEMICAL		PALMER, CHARLES	2,944,519	PLUMB, JONATHAN WILLIAM	2,943,446
INDUSTRIES, LTD.	2,944,433	PANANDIKER, RAJAN		POCHANA, SUTEPONG	2,944,793
NISSAN MOTOR CO., LTD.	2,944,366	KESHAV	2,943,418	POLA CHEMICAL	
NISTER, DAVID	2,943,426	PANASONIC INTELLECTUAL		INDUSTRIES, INC.	2,944,553
NITTO DENKO		PROPERTY		POLY-MED, INC.	2,944,436
CORPORATION	2,944,417	CORPORATION OF		POLYTEX FIBERS	
NIWA, RINPEI	2,944,571	AMERICA	2,944,869	CORPORATION	2,944,904
NOERGAARD, ALLAN	2,943,029	PANASONIC INTELLECTUAL		PORTER, RANDAL	2,944,173
NORDLING, ERIK	2,943,140	PROPERTY		POUMAREDE, VINCENT	2,942,962
NORTON, JOHN THOMAS	2,944,649	CORPORATION OF		POUPA, NADINE	2,944,715
NOVATOR AB	2,944,324	AMERICA	2,944,875	POVINELLI, ANTHONY JOHN	2,943,374
NOVELIS INC.	2,943,352	PANDEY, VIJAYKANT	2,944,330	PRABHU, SONIA	2,943,456
NOVOZYMES A/S	2,943,029	PANDYA, SHUCHI SUMANT	2,944,335	PRAD RESEARCH AND	
NOWOSIELSKI-SLEPOWRON,		PANI, DIANA	2,943,238	DEVELOPMENT LIMITED	2,944,375
MAREK S.	2,944,430	PANOPTES PHARMA GMBH	2,944,570	PRESIDENT AND FELLOWS	
NOZAWA, SHIGENORI	2,944,399	PAPANIKOLAOU, GEORGIA	2,944,561	OF HARVARD COLLEGE	2,944,377
NUCHOLS, RICHARD P.	2,944,329	PARE, GUILLAUME	2,942,848	PRESNELL, SHARON C.	2,944,723
NUCHOLS, RICHARD P.	2,944,383	PARK, CHULHO	2,944,775	PRITZ, BEN, D.	2,944,358
NUCLEUS SCIENTIFIC, INC.	2,944,585	PARK, HANJUN	2,944,564	PROPERTY CONNECT, INC.	2,944,854

## Index of PCT Applications Entering the National Phase

PRUSKI, MATTHAUS	2,944,814	ROSE, ALEC	2,944,756	SAVOLAINEN, RISTO	2,943,854
PRYGOSKI, MATTHEW	2,944,654	ROSEN, MICHAEL	2,944,802	SAWA, SHIROU	2,944,832
PUEHLER, FLORIAN	2,943,002	ROSEN, ROBERT	2,942,213	SCA HYGIENE PRODUCTS AB	2,944,675
PULEO, JOHN WILLIAM	2,943,069	ROSSL, ANDREAS	2,944,228	SCG CHEMICALS CO., LTD.	2,942,842
PURAC BIOCHEM B.V.	2,942,894	ROY, MONIDEEPA	2,944,401	SCHABBAUER, GERNOT	2,944,554
PURCELL, ROBERT J., JR.	2,944,599	ROY, STEPHANIE	2,944,669	SCHACHTSIEK, LARS	2,944,830
PURGATORIO, ROSA	2,944,613	RUBEN, WILLIAM	2,944,595	SCHALL, GUNTHER	2,944,245
PYROTEK HIGH-TEMPERATURE INDUSTRIAL PRODUCTS INC.	2,936,381	RUPP, MICHAEL D.	2,944,907	SCHIMETKA, THOMAS	2,943,462
PYROTEK, INC.	2,944,343	RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG	2,944,186	SCHIRALDI, CHIARA	2,943,232
QIN, LAN	2,927,871	RUSH STREET INTERACTIVE, LLC	2,944,146	SCHLICHT, SONJA	2,943,035
QU, LIANGWEI	2,944,878	RUSSEL, CHRISTIAN	2,942,864	SCHLUMBERGER CANADA LIMITED	2,944,340
R.P.E. S.R.L.	2,942,868	RUSSELL, WILLIAM P.	2,944,803	SCHLUMBERGER CANADA LIMITED	2,944,635
RABENKO, LEV IOSIFOVICH	2,944,860	RUSSO, MICHAEL A.	2,944,447	SCHLUMBERGER CANADA LIMITED	2,944,678
RADOVANOVIC, PREDRAG	2,944,608	RZASA, MICHAEL P.	2,944,777	SCHMID, FRANKIE	2,942,858
RAGHAVAN, RAMESH	2,944,304	SACHS, ERIC	2,944,794	SCHMID, JULIAN	2,944,388
RAINEY, GODFREY	2,944,784	SACK, MARKUS	2,943,198	SCHMID, SILVAN	2,944,807
RAJIV, NAYAR	2,944,349	SAF-HOLLAND GMBH	2,943,462	SCHMIDT, DARBY	2,944,669
RAMIREZ, ALEXANDER	2,944,375	SAFRAN AIRCRAFT ENGINES	2,943,062	SCHMIDT, WERNER	2,942,692
RAMSUER, BRANDON L.	2,942,965	SAFRAN HELICOPTER ENGINES	2,942,942	SCHMIDT, WERNER	2,942,703
RANDALL, JOHN	2,943,437	SAFRAN HELICOPTER ENGINES	2,942,944	SCHMITZ, BRUNO	2,944,309
RANDRIAMANANTENA, TOJONIRINA	2,943,369	SAFRAN HELICOPTER ENGINES	2,942,962	SCHNEIDER, DIRK	2,943,002
RANGANATHAN, KRISHNAKUMAR	2,944,194	SAFRAN HELICOPTER ENGINES	2,943,150	SCHOLZ, ARNE	2,944,251
RANKIC, DANICA ANTONIA	2,944,308	SAFRAN HELICOPTER ENGINES	2,943,153	SCHOOL CORPORATION, AZABU VETERINARY MEDICINE EDUCATIONAL INSTITUTION	2,944,846
RAPPMANN, KLAUS	2,943,009	SAFRAN HELICOPTER ENGINES	2,942,942	SCHUCKERS, STEPHANIE	2,944,581
RAWOOL, AMITKUMAR SURESH	2,944,849	SAFRAN POWER UNITS	2,942,942	SCHULZ, VALENTIN	2,944,245
READE, COLIN M.	2,944,152	SAGADY, CARY M.	2,943,880	SCHWAMB, MICHAEL	2,944,830
READYMAX, INC.	2,944,621	SAGADY, CARY M.	2,943,884	SCHWARTZ, RICHARD	2,944,146
REED, ALEX	2,944,431	SAHA, SAURABH	2,944,456	SCHWEIGER, JOSEF	2,943,018
REGENTS OF THE UNIVERSITY OF MINNESOTA	2,944,373	SAHIN, EMINE	2,944,554	SCHWEIGER, MARCEL	2,942,864
RENMATIX, INC.	2,944,905	SAINT-GOBAIN GLASS FRANCE	2,944,245	SCOTT, GRAHAM A.	2,944,881
RENZ, KARL-HEINZ	2,943,018	SAISHO, KENICHIROH	2,944,844	SCOTT, JASON	2,943,446
RENZI, JONATHAN	2,944,044	SAITO, HAYATO	2,944,403	SCOTT, WILLIAM	2,943,002
RESEARCH INSTITUTE OF NATIONWIDE CHILDREN'S HOSPITAL	2,941,694	SAITOH, YUKO	2,944,553	SDB IP HOLDINGS, LLC	2,944,185
REYVAKIN, AUDREY	2,944,476	SAKAI, MASANOBU	2,944,366	SEARS, ROSALIE	2,944,723
REYES, CHRISTOPHER	2,944,649	SAKAKIBARA, KEITA	2,944,411	SEBALD, INGRID	2,942,692
RICOH COMPANY, LTD.	2,944,844	SAKAKIBARA, KEITA	2,944,415	SEBALD, INGRID	2,942,703
RIKEN	2,944,846	SAKOH, FUMIKO	2,944,844	SEEWALD, OLIVER	2,944,830
RIOS, ORLANDO	2,944,373	SAKURADA, EISAKU	2,944,863	SELIGER, LEIF	2,944,597
RIPKA, AMY	2,944,669	SAKURAI, TAKAYUKI	2,944,855	SELLITRI, DORA	2,942,213
RIVARD, MICHAEL	2,943,010	SALAZAR CARDOZO, RUBEN EMILIO	2,944,424	SEMS, STEPHEN ANDREW	2,943,161
RIVERA-ORTIZ, JOSE L.	2,944,858	SAMSUNG ELECTRONICS CO., LTD.	2,944,445	SENGUPTA, ANIRUDDHA	2,944,401
RIZZI, DARIO	2,943,407	SANG, SHUHUA	2,944,533	SENGUPTA, CAESAR	2,944,794
RIZZI, DARIO	2,943,409	SANG, SHUHUA	2,944,537	SENGUPTA, SHILADITYA	2,944,401
ROBBINS, TAB S.	2,944,616	SANOFI-AVENTIS DEUTSCHLAND GMBH	2,942,848	SENJU PHARMACEUTICAL CO., LTD.	2,944,832
ROBERTS, KADE D.	2,944,550	SANSA CORPORATION (BARBADOS) INC.	2,944,471	SEPARATION TECHNOLOGIES LLC	2,944,858
ROBERTSON, ERLE S.	2,944,896	SANTANIELLO, MOSE	2,943,021	SERT, BULENT	2,944,858
ROBIN, JOEL	2,943,369	SARNAIK, AMOD A.	2,943,389	SEVAST'YANOV, VLADIMIR PETROVICH	2,944,860
ROBINSON, PAUL RUSSELL	2,944,923	SARRAF, STELLA	2,942,975	SHAH, NISHIT	2,944,794
RODGERS, RICHARD P.	2,944,434	SASSA, SHOKO	2,944,553	SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD.	2,944,357
RODGERS, RICHARD P.	2,944,650	SATO, KAZUMI	2,944,769	SHEIN, DAVID	2,944,486
RODRIGUEZ, RAFAEL	2,944,678	SAVIC, NOVICA	2,943,018	SHEN, KAI	2,944,526
ROOZEN, LAMBERTUS HENRICUS ELISABETH	2,942,894	SAVOIE, NICOLE	2,944,360	SHEN, MENG-RU	2,944,624
ROSE, ALEC	2,944,748				

## Index des demandes PCT entrant en phase nationale

SHEN, YE	2,943,262	SOON-SHIONG, PATRICK	2,944,648	SUZHOU ALTON	
SHEPHERD, BENJAMIN R.	2,944,723	SORENSEN, JAMES		ELECTRICAL &	
SHIMAMURA, KYOKO	2,944,399	CHRISTOPHER, III	2,944,362	MECHANICAL INDUSTRY	
SHIMANAKA, HIROYUKI	2,944,411	SOROKER, VICTORIA	2,944,363	CO., LTD.	2,944,537
SHIMANAKA, HIROYUKI	2,944,415	SOTKE, VERA	2,944,830	SVENSSON GELIUS, STEFAN	2,943,140
SHIN, EYOUNG	2,942,859	SOUCHET, MICHEL	2,944,255	SWAMINATHAN,	
SHIN, HYUN-OH	2,944,442	SOURCE 1 ENVIRONMENTAL,		SHIVKUMAR	2,943,426
SHINPO, MAKOTO	2,944,406	LLC	2,944,351	SWEDISH ORPHAN	
SHIRE HUMAN GENETIC		SOUTHWICK, ANDREW W.	2,944,616	BIOVITRUM AB (PUBL)	2,943,140
THERAPIES, INC.	2,944,800	SPADACINI, CLAUDIO	2,943,407	SWEM, LEE	2,942,820
SHIU, JENNIFER WOAN-YI	2,944,459	SPADACINI, CLAUDIO	2,943,409	SWOBODA, BENJAMIN	2,944,715
SHLUMBERGER CANADA		SPAITH, JOHN CHADWELL	2,943,456	SYROS PHARMACEUTICALS,	
LIMITED	2,944,375	SPECIAL METALS		INC.	2,944,669
SHOJAEI, FARBOD	2,944,649	CORPORATION	2,944,880	SZENTIMREY, MARK	2,944,808
SHOSHANI, BOAZ	2,944,323	SPIGOT MEDIA CORP.	2,944,152	T&W ENGINEERING A/S	2,943,653
SHOSHANI, BOAZ	2,944,325	SPROTT, KEVIN	2,944,669	TABLEAU SOFTWARE, INC.	2,944,612
SI GROUP, INC.	2,942,800	SRINIVASAN, SHANMUGAM	2,944,438	TADA, MASAKI	2,944,403
SIBLEY, ROBERT	2,944,787	SRINIVASAN, SUNDHAR RAM	2,944,486	TAJIMA, TOSHIO	2,944,769
SIDDIQUI, M. ARSHAD	2,944,669	STANDARD BARIATRICS,		TAKAHASHI, HIROKAZU	2,944,417
SIEGEL, FRANZISKA	2,943,002	INC.	2,944,329	TAKAHASHI, KAZUYUKI	2,944,781
SIEMEISTER, GERHARD	2,944,251	STANDARD BARIATRICS,		TAKAHASHI, KEIJI	2,944,433
SIGMA-TAU INDUSTRIE		INC.	2,944,383	TAKEDA PHARMACEUTICAL	
FARMACEUTICHE		STANEK, FRANTISEK	2,944,594	COMPANY LIMITED	2,944,779
RIUNITE S.P.A.	2,943,021	STANNARD, JAMES P.	2,944,416	TAKEUCHI, ESTHER	2,944,454
SILBERBERG, ERIC	2,944,309	STATHES, NANCY R.	2,944,304	TAKEUCHI, KENNETH	2,944,454
SILGAN PLASTICS LLC	2,944,173	STATOIL PETROLEUM AS	2,944,057	TAKIZAWA, KAZUHIRO	2,944,406
SIMON FRASER UNIVERSITY	2,944,363	STAVIS, GEORGE	2,944,384	TALLARIDA, STEVEN J.	2,944,434
SIMONEAUX, DON N.	2,944,494	STAVIS, ROBERT	2,944,384	TALLARIDA, STEVEN J.	2,944,650
SIMPKINS, JOSEPH A.	2,943,880	STEIN, ANDREW	2,944,783	TAM, SIMON	2,944,745
SIMPKINS, JOSEPH A.	2,943,883	STELLA, GUY	2,942,800	TAMBADOU, FATOUMATA	2,944,826
SIMPKINS, JOSEPH A.	2,943,884	STENSRUD, KENNETH	2,944,731	TAN, JIANJUN	2,944,537
SINKE, GLENN	2,944,808	STENZLER, ALEX	2,944,471	TAN, TENG OON	2,944,441
SIOUX STEEL COMPANY	2,944,342	STEPAN, ANTONIA		TANAKA, HIROYUKI	2,944,422
SIPPOLA, KENNETH	2,944,388	FRIEDRIKE	2,944,308	TANAKA, YASUTOMO	2,944,326
SIRVENT, PASCAL	2,944,413	STEPHAN/H	2,944,360	TANG, BIN	2,944,804
SKANKEY, WAYNE ALAN	2,944,485	STERRENBURG, JAN GERARD	2,944,610	TANNPAPIER GMBH	2,944,718
SKELDING, DORI K.	2,944,388	STIMPEL, DOREEN	2,944,186	TATSUMI, RYOSUKE	2,944,421
SKINNES, KENNETH	2,944,327	STIX, MICHAEL	2,944,735	TDL INNOVATIONS, LLC	2,944,446
SLATER, MICHAEL LEIGH	2,944,525	STORKERSEN, STALE	2,944,057	TEISSIER DU CROS, NILS	
SLAUGHTER, JOEL	2,944,476	STRAUSS, JACOB A.	2,944,451	ARNAUD	2,944,629
SLING MEDIA INC.	2,942,912	STROBL, STEFAN	2,944,570	TELEFONAKTIEBOLAGET LM	
SLURRY SOLUTIONS INC.	2,944,048	STRONG ARM		ERICSSON (PUBL)	2,944,566
SLUSAREWICZ, PAWEL	2,944,596	TECHNOLOGIES, INC.	2,943,094	TERADA, ERIKA	2,944,417
SLUTSKY, ARTHUR	2,944,471	STUMBAUM, JULIANE	2,943,018	TERADA, SHINICHI	2,944,404
SMAHA, MARTIN	2,944,463	SUAREZ LOPEZ, RICARDO	2,944,601	TERAUCHI, MASUMI	2,944,769
SMITH II, DANIEL	2,944,595	SUDDABY, LOUBERT S.	2,944,744	TERUMO KABUSHIKI KAISHA	2,944,399
SMITH, BENJAMIN THOMAS	2,944,794	SUDEITH, TIMOTHY	2,944,159	TERUNUMA, MASAOKI	2,944,847
SMITH, JOSHUA A.	2,944,407	SUGENO, NAUYUKI	2,944,769	THE ADMINISTRATORS OF	
SMITH, KRISTEN M.	2,944,649	SUGIMOTO, KEI	2,944,366	THE TULANE	
SMITH, NICHOLAS	2,944,678	SUGIMOTO, NAO	2,944,393	EDUCATIONAL FUND	2,944,703
SNIADY, ADAM K.	2,944,619	SUGIURA, NATSUKO	2,944,863	THE CURATORS OF THE	
SNIADY, ADAM K.	2,944,623	SULLIVAN, JOSEPH	2,944,615	UNIVERSITY OF	
SODENO, KENICHI	2,944,326	SUN, HAITAO	2,944,375	MISSOURI	2,944,416
SOLOMATIN, SERGEY	2,944,459	SUN, LUYI	2,944,693	THE GENERAL HOSPITAL	
SOMMERS, PHILIPP	2,944,725	SUN, PIAOYANG	2,944,357	CORPORATION	2,944,480
SONG, QIANG	2,944,533	SUN, WENJIE	2,944,801	THE GOVERNMENT OF THE	
SONG, QIANG	2,944,537	SUN, YANQIU	2,944,878	UNITED STATES OF	
SONG, XIANGYU	2,944,395	SUZHOU ALTON		AMERICA AS	
SONG, YOUNG HO	2,942,859	ELECTRICAL &		REPRESENTED BY THE	
SONNTAG, PHILIPPE	2,944,706	MECHANICAL INDUSTRY		SECRETARY OF THE	
SONY CORPORATION	2,944,769	CO., LTD.	2,944,533	ARMY	2,943,190
SONY CORPORATION	2,944,773			THE JOHNS HOPKINS	
SONY CORPORATION	2,944,781			UNIVERSITY	2,944,456
SONY CORPORATION	2,944,840				

## Index of PCT Applications Entering the National Phase

THE PENN STATE RESEARCH FOUNDATION	2,944,519	TOMA, TADAMASA	2,944,869	UNIVERSITY OF SOUTH FLORIDA	2,943,389
THE PROCTER & GAMBLE COMPANY	2,942,391	TOMA, TADAMASA	2,944,875	UNIVERSITY OF SOUTHAMPTON	2,943,167
THE PROCTER & GAMBLE COMPANY	2,943,380	TOMIZUKA, KAZUMA	2,944,571	UNIVERSITY OF SOUTHERN CALIFORNIA	2,944,479
THE PROCTER & GAMBLE COMPANY	2,943,418	TOMLIN, ARTHUR CHARLES	2,943,446	UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION	2,944,373
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,942,975	TOON, JONATHAN E.	2,944,486	UNIVERSITY OF UTAH RESEARCH FOUNDATION	2,944,616
THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK	2,944,454	TORAY INDUSTRIES, INC.	2,944,372	UPADHYAY, MAYANK DUTT	2,944,794
THE SCRIPPS RESEARCH INSTITUTE	2,944,452	TORAY INDUSTRIES, INC.	2,944,439	URBAN ENGINES, INC.	2,944,396
THE STATE OF ISRAEL, MINISTRY OF AGRICULTURE & RURAL DEVELOPMENT, AGRICULTURAL RESEARCH ORGANIZATION (ARO)	2,944,363	TOROP, KONSTANTIN NIKOLAEVICH	2,944,860	URBANSKI, JEFF	2,944,351
THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	2,944,613	TOSHIBA INDUSTRIAL PRODUCTS AND SYSTEMS CORPORATION	2,944,855	URITSKI, RAM	2,944,768
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	2,944,896	TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION	2,944,855	USA TECHNOLOGIES, INC.	2,943,880
THE UNIVERSITY OF BRITISH COLUMBIA	2,944,523	TOYOBO CO., LTD.	2,944,367	USA TECHNOLOGIES, INC.	2,943,883
THE UNIVERSITY OF TOKYO	2,944,846	TRANA, JESSE S.	2,944,423	USA TECHNOLOGIES, INC.	2,943,884
THEDE, KAI	2,943,002	TRAUERNICHT, DAVID	2,944,861	UT-BATTELLE, LLC	2,944,373
THEODORAKIS, EMMANUEL A.	2,942,975	TRAUT, MANUEL	2,944,830	UT-BATTELLE, LLC	2,944,924
THERMTECH HOLDING AS	2,942,782	TREMBLAY, SYLVAIN	2,936,381	VALENTA, JAN	2,944,594
THIRIET, ROMAIN	2,942,944	TRIGGER, BENJAMIN SHAUN DIXON	2,944,923	VALVERDE, L. JAMES, JR.	2,944,652
THODY, ADAM	2,944,518	TROIANO, GREG	2,942,859	VAN BUSKIRK, DYLAN	2,944,487
THOMAS, JEFF G.	2,944,481	TROY, ROBERT W.	2,944,872	VAN BUSKIRK, LOYD	2,944,487
THOMAS, JEFFREY G.	2,944,483	TSUCHIYA, MAMI	2,944,571	VAN DEN BERG, KAREL	2,942,897
THOMPSON, BEN	2,944,329	TSUJII, YOSHINOBU	2,944,411	VAN DER KAMP, ADOLF JAN	2,944,395
THOMPSON, BEN	2,944,383	TSUJII, YOSHINOBU	2,944,415	VAN DER MOOREN, MARRIE	2,942,213
THOMPSON, JONATHAN	2,944,329	TU, RONGHUA	2,944,801	VAN DER TOL, PATRICK PHILIP JACOB	2,944,395
THOMPSON, JONATHAN	2,944,383	TURICK, DANIEL J.	2,944,494	VAN HOUTEN, ARNOUD B. J.	2,944,915
THOMPSON, PAUL JOHN	2,944,346	TURNER, MICHAEL ROBERT	2,944,787	VANDEEN EYNDE, XAVIER	2,944,309
THOMPSON, PHILIP	2,944,550	TUTBURY, PETER	2,944,599	VANDONINCK, ALFONS	2,943,168
THON, JONATHAN N.	2,944,314	TYCO FIRE PRODUCTS LP	2,944,747	VANDONINCK, ALFONS	2,943,169
THORENS, MICHEL	2,943,040	UCHIYAMA, NAOKI	2,944,397	VARADAN, RANJANI	2,944,459
THORLABS, INC.	2,944,688	UCHIYAMA, NAOKI	2,944,838	VARY'GIN, VITALIJ NIKOLAEVICH	2,944,860
THUKRAL, VAIBHAV	2,943,426	UCHIYAMA, YASUYUKI	2,944,397	VAUGHN, MICHAEL AARON	2,944,436
THYS, MARTIN	2,943,146	UETAKE, MASAOKI	2,944,404	VEDISCOVERY LLC	2,944,419
TIFFIN, BEN	2,944,159	UITDEHAAG, JOOST CORNELIS MARINUS	2,944,610	VELA, DAVID	2,944,204
TIMMERMANN, ANDREAS	2,944,614	ULTHERA, INC.	2,944,707	VELKOV, TONY	2,944,550
TIMMERMANN, ANDREAS	2,944,617	UMEDA, HIROAKI	2,944,372	VERHOEST, PATRICK ROBERT	2,944,308
TING, DAVID T.	2,944,480	UMEDA, HIROAKI	2,944,439	VERREAUULT, SERGE	2,944,521
TJERNBERG, AGNETA	2,943,140	UMETSU, KOJI	2,944,769	VERSA POWER SYSTEMS LTD.	2,943,114
TMD FRICTION SERVICES GMBH	2,943,390	UNI, MIYUKI	2,944,433	VERSAGO VASCULAR ACCESS, INC.	2,944,434
TODOROV, ALEXANDRE	2,944,551	UNIVERSITAET BREMEN	2,944,062	VERSAGO VASCULAR ACCESS, INC.	2,944,650
TOGE, KUNIHICO	2,944,406	UNIVERSITATSKLINIKUM HAMBURG-EPPENDORF	2,944,186	VIJAYAN, ARUN	2,944,562
TOLLGRADE COMMUNICATION, INC.	2,944,440	UNIVERSITATSBLAISE PASCAL - CLERMONT II	2,944,413	VILD, CHRIS T.	2,944,343
		UNIVERSITE DE LA ROCHELLE	2,944,413	VINCENT, PRADEEP	2,944,166
		UNIVERSITE DE NANTES	2,943,019	VINCENT, PRADEEP	2,944,361
		UNIVERSITE LA ROCHELLE	2,944,826	VINCENT, PRADEEP	2,944,362
		UNIVERSITE LAVAL	2,944,226	VINCENT, PRADEEP	2,944,451
		UNIVERSITE PARIS EST CRETEIL VAL DE MARNE	2,943,010	VINCENT, PRADEEP	2,944,461
		UNIVERSITE PIERRE ET MARIE CURIE	2,944,186	VIRTUAL READING GYM (PTY) LTD	2,944,627
		UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.	2,944,539	VISA INTERNATIONAL SERVICE ASSOCIATION	2,944,388
		UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL	2,943,340	VISCO, ANTHONY G.	2,944,714
		UNIVERSITY OF ROCHESTER	2,944,651	VIVINT, INC	2,944,381
				VOGEL, SIMON	2,943,198

## Index des demandes PCT entrant en phase nationale

VOGELSTEIN, BERT	2,944,456	WOLFF, ADRIANA	2,944,051	ZINOVIK, IHAR	
VOIT, THOMAS	2,944,186	WONG, KWOK-KIN	2,944,903	NIKOLAEVICH	2,943,040
VON DEYN, WOLFGANG	2,944,848	WONGSUPHASAWAT, KANIT	2,944,612	ZINOVIK, IHAR	
VOSSLOH SIGNALING, INC.	2,944,463	WOO, JONG SOO	2,944,438	NIKOLAEVICH	2,943,459
VUKICEVIC, VLADIMIR	2,944,458	WOOD, ANTHONY	2,943,114	ZORN, LUDWIG	2,943,002
WAINER, IRVING W.	2,944,743	WOOD, EDWARD T.	2,944,339	ZUBER, GERARD	2,943,459
WALD, DAVID	2,944,462	WOODSWORTH, DANIEL	2,944,663	ZUCKERMAN, RICHARD A.	2,944,359
WALKER, JEREMY D.	2,944,509	WOTZER, PHILIPP	2,944,253	ZUNIGA, ARTURO	2,944,711
WALLIN, TOMAS	2,944,584	WU, LIFEN	2,944,787		
WALSH, KEVIN	2,943,262	WU, XIAOBIN	2,944,361		
WALTERS, LEON C.	2,944,530	XIA, ZHIQING	2,944,462		
WAMPLER, JAMES	2,944,329	XTREME WELL			
WANG, BIN	2,944,357	TECHNOLOGY LIMITED	2,943,276		
WANG, CAILIN	2,944,801	XU, MIN	2,942,820		
WANG, CHUAN-SHENG	2,930,936	XU, YINGXUE	2,944,526		
WANG, HONG	2,942,859	XU, YONG	2,944,801		
WANG, JIAN-PING	2,944,373	YAHATA, HIROSHI	2,944,869		
WANG, XUEHAI	2,944,801	YAHATA, HIROSHI	2,944,875		
WANGRIYAKAWEE,		YAKIMICKI, DONALD L.	2,944,654		
ANCHALEE	2,942,842	YAKUPOV, ILYA	2,944,547		
WANGRIYA, AUNCHANA	2,942,842	YAMAGISHI, YASUAKI	2,944,773		
WANNER, JOE	2,944,615	YAMAGISHI, YASUAKI	2,944,781		
WARDE, DAVID	2,943,067	YAMAGISHI, YASUAKI	2,944,840		
WARREN, JEREMY B.	2,944,381	YAMAMOTO, AKIO	2,944,433		
WASSERFALLEN, DANIEL	2,944,830	YAMAMOTO, MOTONORI	2,944,677		
WATANABE, KENICHIRO	2,944,326	YAMAMOTO, YUJI	2,944,855		
WATANABE, TSUNEO	2,944,433	YAMANE, TAKETOSHI	2,944,781		
WATKINS, BRIAN	2,944,745	YAMASHITA, HIRONORI	2,944,779		
WATSON, TRACY	2,943,161	YAMASHITA, KEIKO	2,944,399		
WATT, STEVEN R.	2,944,407	YAN, GONGRUI	2,944,375		
WEATHERFORD		YANG, JERRY	2,942,975		
TECHNOLOGY		YOKOI, TATSUO	2,944,863		
HOLDINGS, LLC	2,942,840	YOKOTA, SOICHIRO	2,944,844		
WEEBER, HENDRIK A.	2,942,213	YOKOYAMA, KOUJI	2,944,553		
WEGMANN, ENRIQUE	2,943,390	YOON, YOUNG SU	2,944,438		
WEITZ, DAVID A.	2,944,314	YOSHIKAWA, HIROMI	2,944,844		
WEIXLER, LEONHARD	2,944,062	YOSHIMITSU, TETSUO	2,944,855		
WELCH, MARK	2,944,887	YUAN, FENGQIANG	2,944,533		
WELLPARTNER AS	2,944,327	YUE, YANG	2,944,801		
WENNOGLE, LAWRENCE P.	2,944,512	ZACHERLE, MATTHEW E.	2,942,965		
WENNOGLE, LAWRENCE P.	2,944,755	ZAGHIB, KARIM	2,944,521		
WERFEL, JUSTIN	2,944,377	ZAIMA, HAROLD	2,944,672		
WESTROCK PACKAGING		ZAMAN, GUIDO JENNY			
SYSTEMS, LLC	2,942,965	RUDOLF	2,944,610		
WHITE, ANN	2,943,167	ZAMEL, NOE	2,944,471		
WHITE, CHRISTOPHER JULES	2,944,586	ZAMORANO, CARLOS	2,944,152		
WHITE, JOHN R.	2,944,344	ZAROLI, ALBERTO	2,944,904		
WHITE, MARSHALL	2,944,431	ZELAZNY, PAUL F.	2,944,786		
WHITFIELD, GEORGE C.	2,944,585	ZENG, LI-FAN	2,944,198		
WHITING, DAVID ROBIN	2,944,631	ZHANG, LI	2,944,805		
WHO-RAE PTY LTD	2,944,562	ZHANG, MEI	2,944,526		
WICH, MICHAEL	2,943,161	ZHANG, QIANG	2,944,787		
WICKS, BYRON	2,943,893	ZHANG, ZHENGJIAN	2,944,476		
WILKER, ERIK	2,944,573	ZHANG, ZHIBO	2,944,801		
WILKINSON, DAVID	2,944,523	ZHANG, ZHONG-YIN	2,944,198		
WILLIAMSON, BOBBY L.	2,944,619	ZHAO, FUNIAN	2,944,878		
WILLIAMSON, BOBBY L.	2,944,623	ZHAO, HENG	2,944,526		
WILSON, GLENN A.	2,944,331	ZHAO, KUN	2,944,725		
WILSON, RICHARD D.	2,942,840	ZHAO, YUXIN	2,943,238		
WINKLER, WAYNE		ZHOU, SHIBIN	2,944,456		
FREDERICK	2,944,899	ZHU, JING	2,943,262		
WINSTON, JASON	2,944,152	ZHU, YUE	2,944,805		
WINTER, DANA K.	2,944,669	ZHU, YUHANG	2,943,456		
WITT, WILLIAM	2,944,342	ZIMMER, INC.	2,944,654		

# Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

## Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

ANDERSON, GREG	2,944,540	MUKHERJEE, DHEERAJ		XIAMEN UNIVERSITY	2,943,258
APPLE INC.	2,944,195	SHANKAR	2,943,957	XYLECO, INC.	2,942,253
ASHER, JOSEPH M.	2,943,959	MURAKAMI, TATSUYA	2,943,998	YAHOO! INC.	2,944,499
AUELL, PATRICK	2,925,814	NICHOLS, WALTER A.	2,941,724	YUAN, QUAN	2,943,258
BABA, YASUTAKA	2,943,998	NOVARTIS AG	2,943,540	ZHANG, JUN	2,943,258
BALESTRACCI, ERNEST	2,943,518	OMNICELL, INC.	2,944,516	ZHANG, TIANYING	2,943,258
BARTON, CHRISTOPHER		ORDING, BAS	2,944,195		
JACQUES PENROSE	2,943,957	PAN, SHIFENG	2,943,540		
BHUMKAR, SOUJANYA	2,944,499	PARK, JIN S.	2,944,014		
BLANK, JEFF	2,944,516	PEPSICO, INC.	2,943,203		
BOITANO, ANTHONY	2,943,540	PETERSON, S. BARRETT	2,944,005		
BRACCO DIAGNOSTICS INC.	2,943,518	PHILIP MORRIS PRODUCTS			
BROWN, ALLAN IRWIN	2,944,540	S.A.	2,941,724		
CALDARISE, SALVATORE G.	2,944,014	POWAR, RAHUL	2,943,957		
CALDWELL, RICHARD	2,944,516	QUIRICO, CHARLES R.	2,943,518		
CAMPBELL, TROY C.	2,944,005	RATHNAM, ADITYA	2,944,499		
CARDINAL HEALTH		RUPPRECHT, CHARLES E.	2,943,039		
SWITZERLAND 515		SCHULTZ, PETER G.	2,943,540		
GMBH	2,944,014	SEXTON, TIMOTHY N.	2,944,005		
CARTRIGHT, JENNIFER	2,944,516	SHAZAM ENTERTAINMENT			
CFPH, L.L.C.	2,943,959	LTD.	2,943,957		
CHAIT, MITCHELL BARRY	2,944,540	SHINTANI, JUNKO	2,943,998		
CHEN, YIXIN	2,943,258	SHOEMAKER, AUSTIN W.	2,944,499		
CHENG, LIEPING	2,943,949	SIMONS, CURTIS M.	2,944,005		
CHILDS, JACOB S.	2,943,518	STOKES, SHAWN	2,925,814		
CLEMENTS, DANIEL V.	2,943,518	STROME, SCOTT E.	2,943,949		
COHEN, DAN	2,944,516	TELLEW, JOHN	2,943,540		
COOKE, MICHAEL	2,943,540	TEN MEDIA, LLC	2,944,540		
DARST, DANIEL D.	2,943,518	THE BOEING COMPANY	2,944,025		
DEO, INDRANI	2,943,203	THE GOVERNMENT OF THE			
EGIDIO GALBANI S.R.L.	2,944,101	UNITED STATES OF			
ESTKOWSKI, REGINA INEZ	2,944,025	AMERICA AS			
EVIZONE IP HOLDINGS, LTD.	2,944,218	REPRESENTED BY THE			
FLEMING, JAMES	2,944,014	SECRETARY OF THE			
FUJIFILM CORPORATION	2,943,998	DEPARTMENT OF			
HEGYI, MARCO ARMAND	2,944,540	HEALTH AND HUMAN			
INGHELBRECHT, PHILIP		SERVICES, CENTERS FOR			
GEORGES	2,943,957	DISEASE CONTROL AND			
JERSEY, STEVEN	2,943,203	PREVENTION	2,943,039		
KRAUSE, ERIC J.	2,943,518	THE SCRIPPS RESEARCH			
KRISHNARAJ, VENKAT	2,944,499	INSTITUTE	2,943,540		
KWON, EUGENE D.	2,943,949	TUCKER, CHRISTOPHER S.	2,941,724		
LOKHANDE, VISHAL N.	2,943,518	US SYNTHETIC			
LUO, WENXIN	2,943,258	CORPORATION	2,944,005		
LUTNICK, HOWARD W.	2,943,959	VAHLBERG, JOHN	2,944,516		
MADSON, PETER B.	2,943,518	WAN, YONGQIN	2,943,540		
MAJERCAK, DAVID C.	2,944,014	WANG, AVERY LI-CHUN	2,943,957		
MARCUS, MICHAEL		WANG, XING	2,943,540		
BERNARD	2,944,218	WEISS, JOHN	2,925,814		
MATTEI, GIANFRANCO	2,944,101	WELLS, WILLIAM			
MAYO FOUNDATION FOR		MCDOWALL	2,944,218		
MEDICAL EDUCATION		WU, XIANFU	2,943,039		
AND RESEARCH	2,943,949	XIA, NINGSHAO	2,943,258		
MEDOFF, MARSHALL	2,942,253	XIAMEN INNOVAX BIOTECH			
MILLS, WILLIAM MICHAEL	2,943,957	CO., LTD.	2,943,258		