



Canadian  
Intellectual Property  
Office

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du Canada

Un organisme  
d'Industrie Canada

ISSN-1712-4034

# The Patent

Office Record

# La Gazette

du Bureau des brevets



Vol. 144 No. 1 January 5, 2016

Vol. 144 No. 1 le 5 janvier 2016

Canada



# THE CANADIAN PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle  
Commissioner of Patents

Johanne Bélisle  
Commissaire aux brevets

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

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

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

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

# 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.....	123
PCT Applications Entering the National Phase	
Demandes PCT entrant en phase nationale .....	143
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 .....	206
Index of Canadian Patents Issued	
Index des brevets canadiens délivrés .....	221
Index of Canadian Applications Open to Public Inspection	
Index des demandes canadiennes mises à la disponibilité du public .....	238
Index of PCT Applications Entering the National Phase	
Index des demandes PCT entrant en phase nationale .....	242
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 .....	253

## 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:

2,564,389  
2,605,374  
2,620,428  
2,650,169  
2,663,232  
2,663,568  
2,675,556  
2,696,884  
2,704,332

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

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

## 6. Octroi de licences en vertu des brevets

### Licences librement accordées

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

### Licences obligatoires

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

## 7. Brevets disponibles pour licence ou vente

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

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

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

2,564,389  
2,605,374  
2,620,428  
2,650,169  
2,663,232  
2,663,568  
2,675,556  
2,696,884  
2,704,332

## 9. Applications Open to Public Inspection

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

## 10. Language of Published Documents

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

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

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

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

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

## 9. Demandes mises à la disponibilité du public

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

## 10. Langue du document publié

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

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

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

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

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

## Notices

### 4. Late payment fee

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

### Preliminary Examination

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

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

\* International fees will be reduced by:

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

## 12. PCT Notices

### Patent Cooperation Treaty (PCT)

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

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

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

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

### 4. Taxe pour paiement tardif

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

### Examen préliminaire

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

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

\* Les frais seront réduits de:

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

## 12. Avis PCT

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

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

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

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

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

### 13. Practice Notice

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

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

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

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

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

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

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

### 13. Énoncé de pratique

#### JOURS FÉRIÉS (*DIES NON*)

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

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

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

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

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

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

## Notices

### Time limits under the Patent Cooperation Treaty

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

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

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

which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists.”

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

### Provincial and Territorial Holidays

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

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

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

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

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

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

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

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

### Jours fériés provinciaux ou territoriaux

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

## Avis

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

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

All Saturdays and Sundays

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

Good Friday

Easter Monday

Victoria Day - First Monday immediately preceding May 25

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

\*Canada Day (July 1)

Labour Day - First Monday in September

Thanksgiving Day - Second Monday in October

\*Remembrance Day (November 11)

\*Christmas Day (December 25)

Boxing Day (December 26)

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

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

## 14. Practice Notice

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

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

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

Tous les samedi et dimanche

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

Vendredi Saint

Lundi de Pâques

Fête de Victoria - premier lundi précédant immédiatement le 25 mai

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

\*Fête du Canada (1er juillet)

Fête du travail - premier lundi de septembre

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

\*Jour du souvenir (11 novembre)

\*Jour de Noël (25 décembre)

L'après-Noël (26 décembre)

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

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

## 14. Énoncé de pratique

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

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

## Notices

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

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

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

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

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

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

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

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

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

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

## Avis

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

### 15. Correspondence Procedures

November 20, 2015

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

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

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

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

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

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

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

Download the [Fee Payment Form](#).

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

### 15. Procédures de correspondance

le 20 novembre, 2015

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

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

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

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

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

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

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

Téléchargez le [formulaire de paiements](#).

## Notices

### 1. Designated Establishments

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

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

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

### 1. Établissements désignés

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

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

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

## Avis

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

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

### 2. Registered Mail Service of Canada Post

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

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

### 3. Electronic Correspondence

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

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

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

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

### 2. Service Courrier recommandé de Postes Canada

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

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

### 3. Correspondance électronique

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

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

## Notices

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

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

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

### 3.1 Facsimile

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

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

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

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

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

### *Patents*

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

### 3.2 Online

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

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

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

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

### 3.1 Correspondance par télécopieur

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

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

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

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

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

### *Brevets*

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

### 3.2 En ligne

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

### Patents

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

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

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

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

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

### Trade-marks

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

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

### Brevets

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

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

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

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

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

### Marques de commerce

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

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

## Notices

### Copyright

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

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

### Industrial Designs

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

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

### Integrated Circuit Topographies

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

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

## 3.3 Electronic Medium

### Patents

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

### Droits d'auteur

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

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

### Dessins industriels

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

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

### Topographies de circuits intégrés

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

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

## 3.3 Supports électroniques

### Brevets

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

## 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 January 5, 2016 contains applications open to public inspection from December 20, 2015 to December 26, 2015.

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

La *Gazette du bureau des brevets* du 5 janvier 2016 contient les demandes disponibles au public pour consultation pour la période du 20 décembre 2015 au 26 décembre 2015.

# Canadian Patents Issued

January 5, 2016

## Brevets canadiens délivrés

5 janvier 2016

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[11] **2,328,496**  
[13] C

[51] **Int.Cl. C12N 15/19 (2006.01) A61K 38/19 (2006.01) C07K 14/52 (2006.01) C07K 14/54 (2006.01) C07K 16/24 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01) C12Q 1/00 (2006.01) C12Q 1/68 (2006.01) A61K 38/00 (2006.01)**

[25] EN

[54] **IL-17 HOMOLOGOUS POLYPEPTIDES AND THERAPEUTIC USES THEREOF**

[54] **POLYPEPTIDES HOMOLOGUES DE IL-17 ET UTILISATIONS THERAPEUTIQUES DE CEUX-CI**

[72] CHEN, JIAN, US

[72] FILVAROFF, ELLEN, US

[72] GODDARD, AUDREY, US

[72] GURNEY, AUSTIN L., US

[72] LI, HANZHONG, US

[72] WOOD, WILLIAM I., US

[73] GENENTECH, INC., US

[85] 2000-11-15

[86] 1999-05-14 (PCT/US1999/010733)

[87] (WO1999/060127)

[30] US (60/085,579) 1998-05-15

[30] US (60/113,621) 1998-12-23

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[11] **2,344,954**  
[13] C

[51] **Int.Cl. A61K 35/12 (2015.01) C12N 5/071 (2010.01) C12N 5/077 (2010.01) A61K 9/50 (2006.01) A61K 47/42 (2006.01) A61L 27/14 (2006.01) A61L 27/38 (2006.01) C12N 11/04 (2006.01)**

[25] EN

[54] **PEPTIDE SCAFFOLD ENCAPSULATION OF TISSUE CELLS AND USES THEREOF**

[54] **ENCAPSULATION DE CELLULES DE TISSU PAR PEPTIDES D'ECHAFAUDAGE ET UTILISATIONS CONNEXES**

[72] KISIDAY, JOHN, US

[72] GRODZINSKY, ALAN, US

[72] ZHANG, SHUGUANG, US

[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US

[86] (2344954)

[87] (2344954)

[22] 2001-04-25

[30] US (09/778,200) 2001-02-06

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[11] **2,350,210**  
[13] C

[51] **Int.Cl. C12N 5/0784 (2010.01) C12N 5/0735 (2010.01) C12N 5/10 (2006.01) C12N 15/09 (2006.01) A61K 35/15 (2015.01)**

[25] EN

[54] **METHOD FOR PRODUCING DENDRITIC CELLS**

[54] **METHODE DE PRODUCTION DE CELLULES DENTRITIQUES**

[72] WALDMANN, HERMAN, GB

[72] FAIRCHILD, PAUL J., GB

[72] GARDNER, RICHARD, GB

[72] BROOK, FRANCES, GB

[73] ISIS INNOVATION LIMITED, GB

[85] 2001-05-07

[86] 1999-11-05 (PCT/GB1999/003653)

[87] (WO2000/028000)

[30] GB (9824306.6) 1998-11-05

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[11] **2,361,021**  
[13] C

[51] **Int.Cl. G06F 17/30 (2006.01)**

[25] EN

[54] **SYSTEM FOR INSERTING HYPERLINKS INTO DOCUMENTS**

[54] **SYSTEME PERMETTANT D'INTRODUIRE DES HYPERLIENS DANS DES DOCUMENTS**

[72] ROSENOFF, DOUGLAS T., US

[72] MEDINA, ANTHONY MARIO, US

[72] RUNDE, CRAIG, US

[73] WEST PUBLISHING COMPANY D.B.A. WEST GROUP, US

[85] 2001-07-25

[86] 2000-01-25 (PCT/US2000/002053)

[87] (WO2000/043918)

[30] US (09/237,219) 1999-01-25

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[11] **2,393,659**  
[13] C

[51] **Int.Cl. C12N 15/09 (2006.01) A61K 38/00 (2006.01) C07K 14/00 (2006.01) C07K 14/525 (2006.01) C07K 14/705 (2006.01) C07K 19/00 (2006.01) A61K 39/00 (2006.01)**

[25] EN

[54] **MULTIMERIC FORMS OF TNF SUPERFAMILY LIGANDS**

[54] **FORMES MULTIMERES DE LIGANDS DE LA SUPERFAMILLE TNF**

[72] KORNBLUTH, RICHARD S., US

[73] KORNBLUTH, RICHARD S., US

[85] 2002-06-06

[86] 2000-03-20 (PCT/US2000/007380)

[87] (WO2001/042298)

[30] US (09/454,223) 1999-12-09

**Canadian Patents Issued  
January 5, 2016**

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[11] **2,419,905**  
[13] C

[51] **Int.Cl. G01N 37/00 (2006.01) A61J 1/00 (2006.01) B65D 83/08 (2006.01) G01N 33/487 (2006.01)**

[25] EN

[54] **STORAGE CARTRIDGE FOR BIOSENSORS**

[54] **CARTOUCHE DE RANGEMENT POUR BIOCAPTEURS**

[72] CHARLTON, STEVEN C., US

[73] BAYER HEALTHCARE, LLC, US

[86] (2419905)

[87] (2419905)

[22] 2003-02-26

[30] US (60/364,848) 2002-03-18

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[11] **2,444,155**  
[13] C

[51] **Int.Cl. B65D 81/38 (2006.01) B65D 43/16 (2006.01) B65D 77/04 (2006.01) F25D 3/08 (2006.01)**

[25] EN

[54] **CONTAINER WITH COVER**

[54] **CONTENEUR AVEC COUVERCLE**

[72] MOGIL, MELVIN SHELDON, CA

[72] GREENSTEIN, MARK JOSEPH, CA

[72] RAMUNDI, MICHAEL, CA

[72] BIRUTIS, ANDRIUS S., US

[73] CALIFORNIA INNOVATIONS INC., CA

[86] (2444155)

[87] (2444155)

[22] 2003-10-01

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[11] **2,449,240**  
[13] C

[51] **Int.Cl. G01N 1/34 (2006.01) G01N 1/14 (2006.01) G01N 1/40 (2006.01) G01N 33/50 (2006.01) G01N 33/53 (2006.01) G01N 33/576 (2006.01) G01N 35/00 (2006.01)**

[25] EN

[54] **WASH PROCESS FOR REMOVING UNDESIRE COMPONENTS IN SAMPLES BEING ANALYZED**

[54] **PROCEDE DE LAVAGE PERMETTANT D'ELIMINER LES COMPOSANTS INDESIRABLES DANS LES ECHANTILLONS ANALYSES**

[72] JACOBS, MERRIT, US

[72] SKROBACH, ANN, US

[72] FOOTE, ANDREW S., US

[72] MACHULSKIS, ANTHONY C., US

[73] ORTHO-CLINICAL DIAGNOSTICS, INC., US

[86] (2449240)

[87] (2449240)

[22] 2003-11-14

[30] US (10/294,876) 2002-11-14

[30] US (10/417,912) 2003-04-17

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[11] **2,453,140**  
[13] C

[51] **Int.Cl. A61K 38/39 (2006.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61P 7/00 (2006.01) C07K 16/28 (2006.01) G01N 33/50 (2006.01)**

[25] EN

[54] **OXIDIZED PROTEINS, THEIR BIOLOGICAL ACTIVITY, AND THERAPEUTIC AND DIAGNOSTIC MEASURES, WHICH ARE DERIVED FROM THE ACTIVE MECHANISM, FROM THE USE OF THESE PROTEINS AND FROM THE INHIBITION THEREOF**

[54] **PROTEINES OXYDEES, LEUR ACTIVITE BIOLOGIQUE ET MESURES THERAPEUTIQUES ET DIAGNOSTIQUES, QUI SONT DERIVEES DU MECANISME ACTIF, A PARTIR DE L'UTILISATION DE CES PROTEINES ET A PARTIR DE L'INHIBITION DE CELLES-CI**

[72] KEHREL, BEATE, DE

[72] BRODDE, MARTIN, DE

[73] HAMBURGER STIFTUNG ZUR FORDERUNG VON WISSENSCHAFT UND KULTUR, DE

[85] 2004-01-09

[86] 2001-10-19 (PCT/EP2001/012129)

[87] (WO2002/032445)

[30] DE (100 51 983.0) 2000-10-20

[30] DE (101 48 624.3) 2001-10-02

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[11] **2,457,153**  
[13] C

[51] **Int.Cl. G06Q 10/06 (2012.01) H04M 3/523 (2006.01)**  
[25] EN  
[54] **SYSTEM, COMPUTER PROGRAM AND METHOD FOR ENABLING INDIVIDUAL CLIENT USERS TO RECRUIT, CONNECT TO, AND MANAGE A REMOTE WORKFORCE THROUGH A SHARED NETWORK**  
[54] **SYSTEME, PROGRAMME INFORMATIQUE ET PROCEDE PERMETTANT A DES UTILISATEURS CLIENTS DE RECRUTER UNE MAIN D'OEUVRE A DISTANCE, DE SE BRANCHER A UN RESEAU PARTAGE ET ET GERER CETTE DERNIERE PAR LE TRUCHEMENT DUDIT RESEAU**  
[72] PRITCHARD, GORDON WILLIAM, CA  
[72] PRITCHARD, BRIAN SCOTT, CA  
[73] PRITCHARD, GORDON WILLIAM, CA  
[73] PRITCHARD, BRIAN SCOTT, CA  
[86] (2457153)  
[87] (2457153)  
[22] 2004-02-09

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[11] **2,460,985**  
[13] C

[51] **Int.Cl. C12N 5/074 (2010.01) C12N 5/0775 (2010.01) C12N 5/079 (2010.01) A61P 17/14 (2006.01) A61P 25/28 (2006.01)**  
[25] EN  
[54] **NESTIN-EXPRESSING HAIR FOLLICLE STEM CELLS**  
[54] **CELLULES SOUCHES DE FOLLICULES PILEUX EXPRIMANT LA NESTINE**  
[72] LI, LINGNA, US  
[72] YANG, MENG, US  
[73] ANTICANCER, INC., US  
[85] 2004-03-19  
[86] 2002-09-20 (PCT/US2002/030027)  
[87] (WO2003/024406)  
[30] US (60/323,963) 2001-09-20

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[11] **2,481,338**  
[13] C

[51] **Int.Cl. G06Q 20/20 (2012.01)**  
[25] EN  
[54] **PAYMENT TERMINAL DEVICE FOR PAYMENT DATA EXCHANGE**  
[54] **TERMINAL DE PAIEMENT POUR ECHANGE DE DONNEES DE PAIEMENT**  
[72] PAVLIC, BOGDAN, SI  
[72] TERPIN, MATJAZ, SI  
[72] POLUTNIK, ALEKSANDER, SI  
[73] ULTRA PROIZVODNJA ELEKTRONSKIHI NAPRAV D.O.O., SI  
[85] 2004-10-01  
[86] 2002-04-16 (PCT/IB2002/001223)  
[87] (WO2003/088165)

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[11] **2,482,358**  
[13] C

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 17/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD OF MATCHING VEHICLE RATINGS USING A CENTRAL DATABASE**  
[54] **SYSTEME ET METHODE PERMETTANT DE RECHERCHER DES CARACTERISTIQUES DE VEHICULES DANS UNE BASE DE DONNEES CENTRALE**  
[72] LONG, MARK C., US  
[73] U-HAUL INTERNATIONAL, INC., US  
[86] (2482358)  
[87] (2482358)  
[22] 2004-09-24  
[30] US (10/674,934) 2003-09-29

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[11] **2,491,778**  
[13] C

[51] **Int.Cl. H04B 1/59 (2006.01) A61B 5/06 (2006.01) H01Q 1/00 (2006.01) H01Q 7/00 (2006.01) H04B 1/40 (2015.01)**  
[25] EN  
[54] **TRANSPONDER WITH OVERLAPPING COIL ANTENNAS ON A COMMON CORE**  
[54] **TRANSPONDEUR AVEC DES ANTENNES A CADRE CHEVAUCHANTES SUR UN NOYAU COMMUN**  
[72] GOVARI, ASSAF, IL  
[72] ALTMANN, ANDRES CLAUDIO, IL  
[72] LEVIN, MICHAEL, IL  
[73] BIOSENSE WEBSTER, INC., US  
[86] (2491778)  
[87] (2491778)  
[22] 2005-01-06  
[30] US (10/754,751) 2004-01-09

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[11] **2,498,973**  
[13] C

[51] **Int.Cl. A23C 9/20 (2006.01)**  
[25] EN  
[54] **NUTRITIONAL FORMULA CONTAINING SELECT CAROTENOID COMBINATIONS**  
[54] **FORMULE NUTRITIONNELLE CONTENANT UNE COMBINAISON DE CAROTENOIDES CHOISIS**  
[72] ALBRECHT, DANIEL S., US  
[72] AUESTAD, NANCY, US  
[72] BOFF, JEFFREY M., US  
[72] MACKEY, AMY, US  
[73] ABBOTT LABORATORIES, US  
[86] (2498973)  
[87] (2498973)  
[22] 2005-02-28  
[30] US (10/803,485) 2004-03-18

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[11] **2,499,201**  
[13] C

[51] **Int.Cl. F25B 49/02 (2006.01) F25B 49/00 (2006.01)**  
[25] EN  
[54] **PREDICTIVE MAINTENANCE AND EQUIPMENT MONITORING FOR A REFRIGERATION SYSTEM**  
[54] **MAINTENANCE PREDICTIVE ET EQUIPEMENT DE CONTROLE DE SYSTEME DE REFRIGERATION**  
[72] SINGH, ABTAR, US  
[72] MATHEWS, THOMAS J., US  
[72] WOODWORTH, STEPHEN T., US  
[73] EMERSON RETAIL SERVICES INC., US  
[85] 2005-03-14  
[86] 2004-04-29 (PCT/US2004/013384)  
[87] (WO2004/099683)  
[30] US (60/466,637) 2003-04-30  
[30] US (10/833,259) 2004-04-27

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[11] **2,500,988**  
[13] C

[51] **Int.Cl. G06Q 10/06 (2012.01)**  
[25] FR  
[54] **PRODUCTION MANAGEMENT SYSTEM AND CORRESPONDING ALARM PROCEDURE**  
[54] **SYSTEME DE GESTION DE PRODUCTION ET PROCEDE D'ALERTE CORRESPONDANT**  
[72] CATALA, JEAN-LOUIS, FR  
[72] LAINEZ, VINCENT, FR  
[73] AIRBUS OPERATIONS SAS, FR  
[86] (2500988)  
[87] (2500988)  
[22] 2005-03-24  
[30] FR (04 03442) 2004-04-01

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[11] **2,504,340**  
[13] C

[51] **Int.Cl. G06F 17/30 (2006.01)**  
[25] EN  
[54] **DISTRIBUTED FILE SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE DE FICHIERS REPARTI**  
[72] LACAPRA, FRANCESCO, US  
[72] CATTANEO, FIORENZO, US  
[72] BENHAM, SIMON L., GB  
[72] WILLIS, TREVOR E., GB  
[72] ASTON, CHRISTOPHER J., GB  
[73] HITACHI DATA SYSTEMS ENGINEERING UK LIMITED, GB  
[85] 2005-05-02  
[86] 2003-10-30 (PCT/US2003/034495)  
[87] (WO2004/042618)  
[30] US (10/286,153) 2002-11-01

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[11] **2,505,642**  
[13] C

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/22 (2006.01) A61N 5/06 (2006.01) G02B 26/08 (2006.01)**  
[25] EN  
[54] **THERAPY AND DIAGNOSIS SYSTEM AND METHOD WITH DISTRIBUTOR FOR DISTRIBUTION OF RADIATION**  
[54] **SYSTEME ET PROCEDE DE THERAPIE ET DE DIAGNOSTIC A L'AIDE D'UN DISTRIBUTEUR DE RAYONNEMENTS**  
[72] SVANBERG, SUNE, SE  
[72] ANDERSSON-ENGELS, STEFAN, SE  
[72] SVANBERG, KATARINA, SE  
[73] SPECTRACURE AB, SE  
[85] 2005-05-10  
[86] 2002-11-11 (PCT/SE2002/002050)  
[87] (WO2003/041575)  
[30] SE (0103771-2) 2001-11-14

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[11] **2,510,047**  
[13] C

[51] **Int.Cl. B27K 3/52 (2006.01) B27K 3/12 (2006.01)**  
[25] EN  
[54] **METHOD OF PROTECTING WOOD THROUGH ENHANCED PENETRATION OF WOOD PRESERVATIVES AND A RELATED SOLUTION**  
[54] **METHODE DE PROTECTION DU BOIS AU MOYEN D'UNE MEILLEURE PENETRATION D'AGENTS DE CONSERVATION ET UNE SOLUTION A CET EFFET**  
[72] WARD, HANS, US  
[72] SCOTT, CAMERON, NZ  
[73] KOP-COAT, INC., US  
[85] 2005-07-14  
[86] 2005-06-10 (PCT/US2005/020703)  
[87] (WO2006/127016)  
[30] US (11/135,770) 2005-05-24

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[11] **2,517,566**  
[13] C

[51] **Int.Cl. C12Q 1/02 (2006.01) C12M 1/00 (2006.01) C12Q 1/00 (2006.01) C12Q 1/34 (2006.01) C12Q 1/37 (2006.01) C12Q 1/48 (2006.01) G01N 33/53 (2006.01)**  
[25] EN  
[54] **PROTEIN SYNTHESIS MONITORING (PSM)**  
[54] **SURVEILLANCE DE LA PROTEINOGENESE**  
[72] SMILANSKY, ZEEV, IL  
[73] ANIMA CELL METROLOGY, IL  
[85] 2005-05-30  
[86] 2003-11-27 (PCT/IL2003/001011)  
[87] (WO2004/050825)  
[30] US (60/429,532) 2002-11-29

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[11] **2,519,953**  
[13] C

[51] **Int.Cl. A61K 48/00 (2006.01) C07H 21/00 (2006.01) C12N 1/20 (2006.01)**  
[25] EN  
[54] **DNA VACCINE AGAINST TUMOR GROWTH AND METHODS OF USE THEREOF**  
[54] **VACCINS A ADN CONTRE LA CROISSANCE TUMORALE, ET LEURS PROCEDES D'UTILISATION**  
[72] XIANG, RONG, US  
[72] ZHOU, HE, US  
[72] REISFELD, RALPH A., US  
[73] THE SCRIPPS RESEARCH INSTITUTE, US  
[85] 2005-09-21  
[86] 2004-03-24 (PCT/US2004/008932)  
[87] (WO2004/099389)  
[30] US (60/457,009) 2003-03-24

**Brevets canadiens délivrés  
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[11] **2,525,173**  
[13] C

[51] **Int.Cl. H04L 12/865 (2013.01) H04N 21/23 (2011.01) H04L 12/701 (2013.01) H04L 12/28 (2006.01) H04L 29/02 (2006.01)**

[25] EN

[54] **A SYSTEM AND METHOD FOR PROVIDING PREMIUM TRANSPORT IN A DOCSIS-COMPLIANT CABLE NETWORK**

[54] **SYSTEME ET METHODE PERMETTANT D'OFFRIR LE TRANSPORT DE QUALITE SUPERIEURE DANS UN RESEAU DE CABLES CONFORME A LA SPECIFICATION DOCSIS**

[72] PFEFFER, HOWARD, US  
[72] GOULD, KENNETH, US  
[72] DA SILVA, RON, US  
[73] TIME WARNER CABLE ENTERPRISES LLC, US

[86] (2525173)  
[87] (2525173)  
[22] 2005-11-02  
[30] US (10/983,133) 2004-11-05

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[11] **2,525,357**  
[13] C

[51] **Int.Cl. H04R 1/08 (2006.01) H04W 88/02 (2009.01)**

[25] EN

[54] **MICROPHONE COUPLER FOR A COMMUNICATION DEVICE**

[54] **COUPLEUR DE MICROPHONE POUR DISPOSITIF DE COMMUNICATION**

[72] PHILLIPS, ROBERT, CA  
[72] LOWLES, ROBERT, CA  
[72] HAWKER, LARRY, CA  
[72] RASHISH, ILAN, CA  
[73] BLACKBERRY LIMITED, CA

[86] (2525357)  
[87] (2525357)  
[22] 2005-11-03  
[30] EP (EP04105820.7) 2004-11-16

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[11] **2,526,668**  
[13] C

[51] **Int.Cl. A47K 10/44 (2006.01)**

[25] EN

[54] **HIGH CAPACITY NAPKIN DISPENSER**

[54] **DISTRIBUTEUR DE SERVIETTES DE TABLE A GRANDE CAPACITE**

[72] CITTADINO, ANTONIO M., US  
[72] MARONEY, DAVID R., US  
[72] BURNS, BRENT J., US  
[72] KISSINGER, KARL D., US  
[72] KIRKPATRICK, ANDY L., US  
[72] KILGORE, MICHAEL R., US  
[72] BUDZ, GREGORY D., US  
[73] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US

[86] (2526668)  
[87] (2526668)  
[22] 2005-11-14  
[30] US (60/627,866) 2004-11-15  
[30] US (11/126,006) 2005-05-10

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[11] **2,530,422**  
[13] C

[51] **Int.Cl. C12N 5/073 (2010.01) C12N 5/071 (2010.01)**

[25] EN

[54] **POSTPARTUM-DERIVED CELLS FOR USE IN TREATMENT OF DISEASE OF THE HEART AND CIRCULATORY SYSTEM**

[54] **CELLULES DERIVEES DE TISSUS POST-PARTUM DESTINEES A ETRE UTILISEES POUR TRAITER DES MALADIES DU COEUR ET DU SYSTEME CIRCULATOIRE**

[72] HARRIS, IAN ROSS, US  
[72] HARMON, ALEXANDER M., US  
[72] KIHM, ANTHONY J., US  
[72] MESSINA, DARIN J., US  
[72] MISTRY, SANJAY, US  
[72] SEYDA, AGNIESZKA, US  
[72] YI, CHIN-FENG, US  
[72] GOSIEWSKA, ANNA, US  
[73] DEPUY SYNTHES PRODUCTS, INC., US

[85] 2005-12-21  
[86] 2004-06-25 (PCT/US2004/020957)  
[87] (WO2005/001080)  
[30] US (60/483,264) 2003-06-27

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[11] **2,530,805**  
[13] C

[51] **Int.Cl. B01D 71/82 (2006.01) B01D 71/26 (2006.01) B01D 71/32 (2006.01) B01D 71/34 (2006.01) B01D 71/38 (2006.01)**

[25] EN

[54] **MEMBRANES CONTAINING POLY(VINYL METHYL ETHER) AND HYDROPHILISATION OF MEMBRANES USING POLY(VINYL METHYL ETHER)**

[54] **MEMBRANES COMPORTANT DE L'ETHER POLYVINYL METHYLIQUE ET HYDROPHILISATION DE MEMBRANES A L'AIDE D'ETHER POLYVINYL METHYLIQUE**

[72] MULLETTE, DANIEL, AU  
[72] MULLER, JOACHIM, AU  
[72] PATEL, NEETA, AU  
[73] EVOQUA WATER TECHNOLOGIES LLC, US

[85] 2005-12-28  
[86] 2004-07-08 (PCT/AU2004/000922)  
[87] (WO2005/002712)  
[30] AU (2003903507) 2003-07-08

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[11] **2,540,093**  
[13] C

[51] **Int.Cl. G02C 7/00 (2006.01) G02B 1/14 (2015.01)**

[25] FR

[54] **OPHTHALMIC LENS WHICH IS COATED WITH AN ELECTROSTATIC FILM AND METHOD OF EDGING ONE SUCH LENS**

[54] **LENTILLE OPHTALMIQUE RECOUVERTE D'UN FILM ELECTROSTATIQUE ET PROCEDE DE DEBORDAGE D'UNE TELLE LENTILLE**

[72] LACAN, PASCALE, FR  
[72] CONTE, DOMINIQUE, FR  
[73] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR

[85] 2006-03-24  
[86] 2004-09-24 (PCT/FR2004/002426)  
[87] (WO2005/031441)  
[30] FR (0311351) 2003-09-26  
[30] FR (0450082) 2004-01-14

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[11] **2,545,613**  
[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01) C12P 19/34 (2006.01)**  
[25] EN  
[54] **METHODS FOR THE AMPLIFICATION AND QUANTITATION OF NUCLEIC ACIDS**  
[54] **METHODES D'AMPLIFICATION ET DE DOSAGE D'ACIDES NUCLEIQUES**  
[72] STANLEY, KEITH, AU  
[73] AUSDIAGNOSTICS PTY LTD., AU  
[86] (2545613)  
[87] (2545613)  
[22] 2006-04-05  
[30] US (60/713,636) 2005-09-01

[11] **2,545,940**  
[13] C

[51] **Int.Cl. G06F 17/30 (2006.01) H04L 12/16 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD OF RETRIEVING AND PRESENTING PARTIAL (SKIPPED) DOCUMENT CONTENT**  
[54] **SYSTEME ET PROCEDE D'EXTRACTION ET DE PRESENTATION D'UN CONTENU PARTIEL (SAUTE) DE DOCUMENT**  
[72] SYLTHE, OLAV ANDRE, US  
[72] YUAN, JIANWEI (OLIVER), US  
[72] DUMITRU, DAN, US  
[73] BLACKBERRY LIMITED, CA  
[85] 2006-05-11  
[86] 2004-11-12 (PCT/CA2004/001950)  
[87] (WO2005/048130)  
[30] US (60/519,973) 2003-11-14

[11] **2,550,784**  
[13] C

[51] **Int.Cl. F16B 39/04 (2006.01) F02C 7/06 (2006.01)**  
[25] FR  
[54] **ANTI-ROTATION STOP OF A RETAINING NUT FOR A PART ON A SHAFT, RETAINING NUT AND SHAFT UPON WHICH THE DEVICE IS MOUNTED AND AIRCRAFT ENGINE UPON WHICH THE DEVICE IS MOUNTED**  
[54] **DISPOSITIF DE BLOCAGE EN ROTATION D'UN ECROU DE SERRAGE D'UNE PIECE SUR UN ARBRE, ECROU DE SERRAGE ET ARBRE LE COMPORTANT, ET MOTEUR D'AERONEF EN ETANT EQUIPE**  
[72] BART, JACQUES RENE, FR  
[72] BERBIGUIER, LAURENT MICHEL ANDRE, FR  
[73] SNECMA, FR  
[86] (2550784)  
[87] (2550784)  
[22] 2006-06-23  
[30] FR (0551748) 2005-06-24

[11] **2,557,027**  
[13] C

[51] **Int.Cl. A61B 5/103 (2006.01) A61B 5/044 (2006.01) A61B 5/053 (2006.01) A61B 6/03 (2006.01) A61B 8/13 (2006.01)**  
[25] EN  
[54] **SEGMENTATION AND REGISTRATION OF MULTIMODAL IMAGES USING PHYSIOLOGICAL DATA**  
[54] **SEGMENTATION ET CADRAGE D'IMAGES MULTIMODALES A L'AIDE DE DONNEES PHYSIOLOGIQUES**  
[72] PREISS, ASSAF, IL  
[72] SCHWARTZ, YITZHACK, IL  
[73] BIOSENSE WEBSTER, INC., US  
[86] (2557027)  
[87] (2557027)  
[22] 2006-08-23  
[30] US (11/215,435) 2005-08-30

[11] **2,558,111**  
[13] C

[51] **Int.Cl. G06F 13/00 (2006.01) G05B 19/05 (2006.01) G06F 13/38 (2006.01)**  
[25] EN  
[54] **COMMUNICATION SYSTEM AND SLAVE AND REPEATER UNITS THEREFOR**  
[54] **SYSTEME DE COMMUNICATION ET UNITES ASSERVIES ET DE REPETEUR POUR CE SYSTEME**  
[72] KOGA, MASAO, JP  
[72] FUJIKAWA, MASANORI, JP  
[72] OZAKI, TOSHIYUKI, JP  
[73] OMRON CORPORATION, JP  
[86] (2558111)  
[87] (2558111)  
[22] 2006-08-30  
[30] JP (2005-252423) 2005-08-31

[11] **\*2,564,389**  
[13] C

[51] **Int.Cl. G06F 3/0481 (2013.01) G06F 3/0484 (2013.01) G06F 12/02 (2006.01) G06F 3/0354 (2013.01)**  
[25] EN  
[54] **MULTI-SOURCE, MULTI-DESTINATION DATA TRANSFERS**  
[54] **TRANSFERTS DE DONNEES MULTI-SOURCE, MULTI-DESTINATION**  
[72] BERSTIS, VIKTORS, US  
[72] CHEN, YEN-FU, US  
[72] DUNSMOIR, JOHN W., US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2006-10-26  
[86] 2005-04-26 (PCT/EP2005/051864)  
[87] (WO2005/103894)  
[30] US (10/832,036) 2004-04-26

[11] **2,564,894**  
[13] C

[51] **Int.Cl. B65D 81/00 (2006.01) A47J 31/06 (2006.01)**  
[25] EN  
[54] **PAD AND ASSEMBLY OF A HOLDER AND SUCH A PAD**  
[54] **DOSETTE ET SON ENSEMBLE DE SUPPORT**  
[72] KOELING, HENDRIK CORNELIS, NL  
[72] BROUWER, GUSTAAF FRANS, NL  
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL  
[85] 2006-10-26  
[86] 2005-04-28 (PCT/NL2005/000317)  
[87] (WO2005/105609)  
[30] NL (1026068) 2004-04-28

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[13] C

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[54] **A METHOD OF REPRESENTING INFORMATION VIA SIGN LANGUAGE**  
[54] **UNE METHODE DE REPRESENTATION DE RENSEIGNEMENTS**  
[72] BELISLE, DENIS, CA  
[72] DESCHENES, JOHANNE, CA  
[73] BELISLE, DENIS, CA  
[86] (2565693)  
[87] (2565693)  
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[13] C

[51] **Int.Cl. G01N 19/08 (2006.01) G21C 17/01 (2006.01) G21C 17/017 (2006.01)**  
[25] EN  
[54] **DEVICE AND METHOD FOR SURFACE REPLICATION**  
[54] **DISPOSITIF ET METHODE DE REPLICATION DE COUCHE SUPERFICIELLE**  
[72] KING, JAMES M., CA  
[72] BENZ, WALTER, CA  
[73] ATOMIC ENERGY OF CANADA LIMITED, CA  
[86] (2567936)  
[87] (2567936)  
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[13] C

[51] **Int.Cl. A61B 17/122 (2006.01) A61B 17/128 (2006.01) A61L 17/04 (2006.01) A61L 17/10 (2006.01) A61L 17/12 (2006.01)**  
[25] EN  
[54] **SURGICAL CLIP AND APPLIER DEVICE AND METHOD OF USE**  
[54] **PINCE ET APPLICATEUR DE PINCE CHIRURGICAUX, ET METHODE D'UTILISATION**  
[72] BOUDREAUX, CHAD PAUL, US  
[72] ORTIZ, MARK S., US  
[73] ETHICON ENDO-SURGERY, INC., US  
[86] (2568577)  
[87] (2568577)  
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[25] FR  
[54] **COLLECTION OF TRACEABLE COMPOUNDS AND USES THEREOF**  
[54] **COLLECTIONS DE COMPOSES TRACABLES ET LEURS UTILISATIONS**  
[72] HIBERT, MARCEL FRANCOIS LOUIS, FR  
[72] FRANCHET, CHRISTEL ANNE, FR  
[72] GALZI, JEAN-LUC, FR  
[72] PATTUS, FRANC EMILE JEAN, FR  
[72] GUILLIER, FABRICE YVES, FR  
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[73] UNIVERSITE LOUIS PASTEUR DE STRASBOURG, FR  
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[86] 2005-06-15 (PCT/FR2005/001501)  
[87] (WO2006/003329)  
[30] FR (0406465) 2004-06-15

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[13] C

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[25] EN  
[54] **SURGICAL CLOSURE INSTRUMENT AND METHODS**  
[54] **INSTRUMENT ET PROCEDES POUR REALISER UNE FERMETURE CHIRURGICALE**  
[72] TOUBIA, SOUHAIL, US  
[72] VELEZ, JUAN M., US  
[72] GARAMSZEGLI, LASZLO, US  
[73] FASCIA CLOSURE SYSTEMS, LLC, US  
[85] 2006-12-08  
[86] 2005-06-09 (PCT/US2005/020453)  
[87] (WO2005/122911)  
[30] US (10/864,135) 2004-06-09

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[51] **Int.Cl. F24F 11/04 (2006.01) F24F 11/047 (2006.01) F24F 13/14 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PASSIVELY CONTROLLING AIRFLOW**  
[54] **METHODE ET DISPOSITIF DE CONTROLE PASSIF D'ECOULEMENT DE L'AIR**  
[72] DIETZ, DENNIS R., US  
[72] HARRELL, JOHN ROBERT, US  
[72] SHACKELFORD, DWIGHT RAY, US  
[73] AMERICAN ALDES VENTILATION CORPORATION, US  
[86] (2570948)  
[87] (2570948)  
[22] 2006-12-12  
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[13] C

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[25] EN  
[54] **MEANS AND METHOD FOR DETECTION OF BLOOD LEAKAGE FROM WOUNDS**  
[54] **MOYEN ET PROCEDE DE DETECTION DU SAIGNEMENT DES PLAIES**  
[72] ENGVALL, DANIEL, SE  
[72] JONSSON, LENNART, SE  
[72] KARLSSON, PER-OLOF, SE  
[72] RUTGERSSON, LARS, SE  
[72] SVENSSON, FREDRIK, SE  
[73] REDSENSE MEDICAL MALTA LTD., MT  
[85] 2006-12-14  
[86] 2005-06-21 (PCT/SE2005/000960)  
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[13] C

[51] **Int.Cl. A47C 7/00 (2006.01) A47C 1/02 (2006.01)**  
[25] EN  
[54] **CHAIR CONTROL**  
[54] **COMMANDE POUR FAUTEUIL**  
[72] MATERN, GERARD J., CA  
[73] LEGGETT & PLATT CANADA CO., CA  
[86] (2574803)  
[87] (2574803)  
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[25] EN

[54] **NOVEL FORMULATION FOR L-TRYPTOPHANE COMPRISING CARBIDOPA/BENSERAZIDE**

[54] **NOUVELLE FORMULATION POUR L-TRYPTOPHANE**

[72] KAMPRAD, JOACHIM DR., DE

[73] DR. KAMPRAD KG, DE

[85] 2007-02-12

[86] 2005-08-12 (PCT/DE2005/001428)

[87] (WO2006/015590)

[30] DE (10 2004 039 196.3) 2004-08-12

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[13] C

[51] **Int.Cl. G02B 6/14 (2006.01) G02B 6/122 (2006.01) G02B 6/34 (2006.01)**

[25] EN

[54] **INTERFACE DEVICE FOR PERFORMING MODE TRANSFORMATION IN OPTICAL WAVEGUIDES**

[54] **DISPOSITIF D'INTERFACE POUR EXECUTER LA TRANSFORMATION DE MODE DANS DES GUIDES D'ONDE OPTIQUE**

[72] CHEBEN, PAVEL, CA

[72] JANZ, SIEGFRIED, CA

[72] XU, DAN-XIA, CA

[72] SCHMID, JENS, CA

[72] DENSMORE, ADAM, CA

[72] LAPOINTE, JEAN, CA

[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA

[86] (2578541)

[87] (2578541)

[22] 2007-02-14

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[13] C

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[54] **REHABILITATION UNIT**

[54] **UNITE DE READAPTATION**

[72] DENIKE, RICHARD L., CA

[73] DENIKE, RICHARD L., CA

[86] (2582521)

[87] (2582521)

[22] 2007-03-23

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[13] C

[51] **Int.Cl. A61B 5/01 (2006.01) A61F 13/00 (2006.01) A61F 15/00 (2006.01) A61F 13/02 (2006.01) G01K 1/02 (2006.01)**

[25] EN

[54] **BANDAGE WITH SENSORS**

[54] **BANDAGE AVEC CAPTEURS**

[72] HASLETT, JAMES W., CA

[72] FINVERS, IVARS, CA

[72] JULLIEN, GRAHAM A., CA

[73] HASLETT, JAMES W., CA

[73] FINVERS, IVARS, CA

[73] JULLIEN, GRAHAM A., CA

[86] (2583034)

[87] (2583034)

[22] 2007-03-05

[30] CA (2,538,940) 2006-03-03

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[11] **2,583,062**  
[13] C

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

[25] EN

[54] **METHOD OF OPTIMIZING THE DISPLAYING OF IMAGE MEDIA ON A WIRELESS COMMUNICATIONS DEVICE**

[54] **METHODE PERMETTANT D'OPTIMISER L'AFFICHAGE DE SUPPORTS D'IMAGES SUR UN DISPOSITIF DE COMMUNICATION SANS FIL**

[72] TURCOTTE, ANDREW JAMES, CA

[72] FAHMY, SAMER, CA

[73] BLACKBERRY LIMITED, CA

[86] (2583062)

[87] (2583062)

[22] 2007-03-30

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[13] C

[51] **Int.Cl. B41F 17/00 (2006.01) B41J 2/01 (2006.01)**

[25] EN

[54] **PROCESS FOR PRINTING SURFACES OF WOOD-BASED FLAT ELEMENTS**

[54] **PROCEDE D'IMPRESSION DES SURFACES D'ELEMENTS PLATS A BASE DE BOIS**

[72] FRATI, DANTE, IT

[73] FRATI, DANTE, IT

[86] (2583070)

[87] (2583070)

[22] 2007-03-30

[30] IT (MI2006A 001227) 2006-06-26

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[13] C

[51] **Int.Cl. H04B 17/345 (2015.01) H04W 72/12 (2009.01) G01R 23/00 (2006.01)**

[25] EN

[54] **OPERATING ENVIRONMENT ANALYSIS TECHNIQUES FOR WIRELESS COMMUNICATION SYSTEMS**

[54] **TECHNIQUES D'ANALYSE D'ENVIRONNEMENT OPERATIONNEL POUR SYSTEMES DE COMMUNICATION SANS FIL**

[72] HAYKIN, SIMON, CA

[73] MCMMASTER UNIVERSITY, CA

[85] 2007-04-12

[86] 2005-10-13 (PCT/CA2005/001562)

[87] (WO2006/039800)

[30] US (60/617,639) 2004-10-13

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[13] C

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[25] EN

[54] **NEUTRALISING ANTIBODY MOLECULES HAVING SPECIFICITY FOR HUMAN IL-17**

[54] **NEUTRALISATION DE MOLECULES D'ANTICORPS PRESENTANT UNE SPECIFICITE POUR L'IL-17 HUMAINE**

[72] ADAMS, RALPH, GB

[72] POPPLEWELL, ANDREW GEORGE, GB

[72] RAPECKI, STEPHEN EDWARD, GB

[72] TICKLE, SIMON PETER, GB

[73] UCB PHARMA S.A., BE

[85] 2007-04-13

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[54] **AUTOMATED FLOWABLE  
DUNNAGE DISPENSING SYSTEM  
AND METHOD**  
[54] **SYSTEME ET PROCEDE  
AUTOMATISES DE  
DISTRIBUTION DE MATERIAU  
DE REMBOURRAGE FLUIDE**  
[72] CORBETT, JAMES J., US  
[72] HARDING, JOSEPH J., US  
[72] MOLITOR, CHARLES D., US  
[72] PINTZ, MICHAEL A., US  
[72] WILLIAMS, SCOTT J., US  
[72] STILL, RAPHEAL R., US  
[72] SULL, TIMOTHY E., US  
[72] RICH, RONALD, US  
[72] PIERSON, DAVID A., US  
[72] GILLES, PAUL C., US  
[73] RANPAK CORP., US  
[85] 2007-05-01  
[86] 2005-11-02 (PCT/US2005/039446)  
[87] (WO2006/050354)  
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[13] C

[51] **Int.Cl. A61B 18/04 (2006.01)**  
[25] EN  
[54] **DEVICE AND METHOD FOR  
LUNG TREATMENT**  
[54] **TRAITEMENT PULMONAIRE ET  
APPAREIL ASSOCIE**  
[72] BARRY, ROBERT L., US  
[72] CRAN, BRIAN, US  
[72] CORCORAN, DEAN, US  
[72] LEE, SHELDON K., US  
[73] UPTAKE MEDICAL CORP., US  
[85] 2007-05-16  
[86] 2005-11-16 (PCT/US2005/041651)  
[87] (WO2006/055695)  
[30] US (60/628,451) 2004-11-16  
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[13] C

[51] **Int.Cl. H04W 76/06 (2009.01) H04L  
12/12 (2006.01) H04L 29/14 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR  
SIGNALING RELEASE CAUSE  
INDICATION IN A UMTS  
NETWORK**  
[54] **METHODE ET SYSTEME  
PEMETTANT DE TRAITER LES  
INDICATIONS DE CAUSE DES  
AUTORISATIONS DE  
SIGNALISATION DANS UN  
RESEAU DE SYSTEME  
UNIVERSEL DE  
TELECOMMUNICATIONS  
MOBILES (UMTS)**  
[72] ISLAM, MUHAMMAD KHALEDUL,  
CA  
[72] WIRTANEN, JEFFERY, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2589373)  
[87] (2589373)  
[22] 2007-05-16  
[30] US (60/747,466) 2006-05-17  
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2/06 (2013.01) A61K 38/18 (2006.01)  
A61M 25/09 (2006.01)**  
[25] EN  
[54] **AUGMENTATION OF  
INTRALUMINAL MICROVESSEL  
FORMATION TO FACILITATE  
GUIDE WIRE CROSSING IN  
CHRONIC TOTAL OCCLUSIONS**  
[54] **AUGMENTATION DE LA  
FORMATION D'UN MICRO-  
VAISSEAU INTRALUMINAL  
POUR FACILITER LE PASSAGE  
D'UN FIL GUIDE DANS LES  
OCCLUSIONS TOTALES  
CHRONIQUES**  
[72] STRAUSS, BRADLEY, H., CA  
[72] SEGEV, AMIT, IL  
[73] MATRIZYME PHARMA  
CORPORATION, CA  
[85] 2007-05-31  
[86] 2005-12-02 (PCT/CA2005/001838)  
[87] (WO2006/058434)  
[30] US (60/632,267) 2004-12-02

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[13] C

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31/195 (2006.01)**  
[25] EN  
[54] **OXALOACETATE,  
OXALOACETIC ACID, AND  
OXALOACETATE SALTS FOR  
TREATING CANCER**  
[54] **OXALOACETATE, ACIDE  
OXALOACETIQUE ET SELS  
D'OXALOACETATE POUR LE  
TRAITEMENT DU CANCER**  
[72] CASH, ALAN B., US  
[73] CASH, ALAN B., US  
[85] 2007-06-07  
[86] 2005-12-15 (PCT/US2005/046130)  
[87] (WO2006/066244)  
[30] US (60/637,287) 2004-12-17

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[13] C

[51] **Int.Cl. B23K 26/402 (2014.01) A61B  
18/20 (2006.01) A61B 18/28 (2006.01)  
A61F 9/01 (2006.01) A61N 5/067  
(2006.01)**  
[25] EN  
[54] **LASER SELECTIVE CUTTING BY  
IMPULSIVE HEAT DEPOSITION  
IN THE IR WAVELENGTH  
RANGE FOR DIRECT-DRIVE  
ABLATION**  
[54] **DECOUPAGE SELECTIF AU  
LASER PAR DEPOT DE CHALEUR  
PAR IMPULSION DANS LA  
LONGUEUR D'ONDE  
INFRAROUGE POUR ABLATION  
DIRECTE**  
[72] MILLER, R. J. DWAYNE, CA  
[73] LIGHT MATTER INTERACTION  
INC., CA  
[85] 2007-07-20  
[86] 2005-12-30 (PCT/CA2005/001983)  
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[13] C

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[25] EN

[54] **METHOD OF PRODUCING HIGH DRY STRENGTH PAPER AND CARDBOARD AND PAPER AND CARDBOARD THUS OBTAINED**

[54] **PROCEDE DE FABRICATION DE PAPIER ET CARTON DE GRANDE RESISTANCE A SEC ET PAPIERS ET CARTONS AINSI OBTENUS**

[72] HUND, RENE, FR

[72] JEHN-RENDU, CHRISTIAN, FR

[72] MORETTON, FABRICE, FR

[73] S.P.C.M. SA, FR

[85] 2007-07-13

[86] 2006-01-11 (PCT/FR2006/050012)

[87] (WO2006/075115)

[30] FR (0550135) 2005-01-17

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[13] C

[51] **Int.Cl. F01D 5/14 (2006.01) F01D 5/18 (2006.01) F01D 5/20 (2006.01)**

[25] EN

[54] **CONFORMAL TIP BAFFLE AIRFOIL**

[54] **SURFACE PORTANTE A CHICANE EN BOUT CONFORME**

[72] KLASING, KEVIN SAMUEL, US

[72] LEE, CHING-PANG, US

[72] VITT, PAUL HADLEY, US

[72] KEITH, BRIAN DAVID, US

[73] GENERAL ELECTRIC COMPANY, US

[86] (2596777)

[87] (2596777)

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[30] US (11/507,121) 2006-08-21

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[13] C

[51] **Int.Cl. C12N 15/56 (2006.01) C07K 14/38 (2006.01) C12N 1/15 (2006.01) C12N 1/21 (2006.01) C12N 9/30 (2006.01)**

[25] EN

[54] **POLYPEPTIDES HAVING ALPHA-AMYLASE AND GRANULAR STARCH HYDROLYZING ACTIVITY**

[54] **POLYPEPTIDES POSSEDANT UNE ACTIVITE D'HYDROLYSE D'AMIDON GRANULAIRE ET D'ALPHA-AMYLASE**

[72] BOWER, BENJAMIN S., US

[72] DUNN-COLEMAN, NIGEL, US

[72] LANTZ, SUZANNE E., US

[72] LIN, CHERRY, US

[72] WARD, MICHAEL, US

[73] DANISCO US INC., US

[85] 2007-08-15

[86] 2006-02-17 (PCT/US2006/005622)

[87] (WO2006/089107)

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[13] C

[51] **Int.Cl. G06F 3/0354 (2013.01) G06F 3/043 (2006.01) H01H 13/00 (2006.01) H01H 23/00 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR DIGITAL PEN ASSEMBLY**

[54] **METHODE ET SYSTEME POUR UN ASSEMBLAGE DE STYLO NUMERIQUE**

[72] RAIF, RAN, IL

[72] KEDEM, NOAM, IL

[72] KOKAREV, MICHAEL, IL

[72] GOTMAN, MAX, IL

[72] ALTMAN, NATHAN, IL

[73] QUALCOMM INCORPORATED, US

[85] 2007-09-17

[86] 2006-03-23 (PCT/IL2006/000373)

[87] (WO2006/100682)

[30] US (60/664,202) 2005-03-23

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[13] C

[51] **Int.Cl. C40B 40/04 (2006.01) C40B 40/08 (2006.01) C40B 40/10 (2006.01)**

[25] EN

[54] **METHOD FOR PURIFYING PROTEINS**

[54] **PROCEDE DESTINE A PURIFIER DES PROTEINES**

[72] BOSCHETTI, EGISTO, FR

[72] LOMAS, LEE, US

[73] BIO-RAD LABORATORIES, INC., US

[85] 2007-09-21

[86] 2006-03-22 (PCT/US2006/010656)

[87] (WO2006/102547)

[30] US (60/664,794) 2005-03-23

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[13] C

[51] **Int.Cl. B65D 83/76 (2006.01) B05C 17/01 (2006.01) F16J 1/00 (2006.01)**

[25] EN

[54] **A CARTRIDGE PISTON**

[54] **PISTON DE CARTOUCHE**

[72] BRUGNER, NIKOLAUS, DE

[73] SULZER CHEMTECH AG, CH

[86] (2603438)

[87] (2603438)

[22] 2007-09-20

[30] DE (10 2006 047 289.6) 2006-10-06

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[11] **2,604,287**  
[13] C

[51] **Int.Cl. F41H 5/26 (2006.01) B32B 27/30 (2006.01) E05G 7/00 (2006.01) E06B 5/10 (2006.01) F41H 5/02 (2006.01)**

[25] EN

[54] **TRANSPARENT BULLET-RESISTANT ACRYLIC SHEET**

[54] **FEUILLE ACRYLIQUE PARE-BALLES TRANSPARENTE**

[72] YANG, SHI-JUN, US

[72] ABEL, RICHARD M., US

[72] REILLY, JACK J., US

[72] GRIMES, ELIZABETH E., US

[73] ARKEMA FRANCE, FR

[85] 2007-10-11

[86] 2006-03-21 (PCT/US2006/010200)

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[25] EN  
[54] **A METHOD OF TREATING CANCER USING DICHLOROACETATE**  
[54] **PROCEDE DE TRAITEMENT ANTICANCEREUX PAR DICHLOROACETATE**  
[72] ARCHER, STEPHEN, CA  
[72] MICHELAKIS, EVANGELOS, CA  
[73] QUEEN'S UNIVERSITY AT KINGSTON, CA  
[85] 2007-10-11  
[86] 2006-04-11 (PCT/CA2006/000548)  
[87] (WO2006/108276)  
[30] US (60/669,884) 2005-04-11

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[72] HANSEN, CARSTEN HOERSLEV, DK  
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[72] GERMAIN, ROBERT S., US  
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[54] **PROTEINE DE FUSION TRIMERE IMMUNOGLOBULINIQUE OX-40 ET PROCEDES D'UTILISATION**  
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[72] MACDOUGALL, TREVOR, US  
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[54] **METHODE ET APPAREIL POUR ANALYSER DES PARTICULES DANS UN FLUIDE**  
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[54] **PROCEDE DE PREPARATION DE POLYOLS DE POLY(ETHER-ESTER)**  
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[72] ALBERS, REINHARD, DE  
[72] OTTO, FRANK, DE  
[72] LEYRER, ULRICH, DE  
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[54] **ANNOTATION DE DOCUMENTS DANS UNE APPLICATION COLLABORATIVE AVEC DES DONNEES DE SYSTEMES D'INFORMATIONS VARIES**  
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[72] CROW, HOWARD M., US  
[72] KAUFFMAN, JONATHAN A., US  
[72] TENNISBERG, TARGO, US  
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[54] **PROCEDE ET APPAREIL DE MESURE DE L'ASPECT CREPE D'UNE FEUILLE MOBILE**  
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[72] CHAVDA, KAVITA, US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
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[54] **INCENDIARY COMPOUND COMPRISING A METALLIC COMBUSTIBLE FROM GROUP IVB OF THE PERIODIC TABLE AND PROJECTILE CONTAINING SAID INCENDIARY COMPOUND**  
[54] **COMPOSE INCENDIAIRE COMPRENANT UN COMBUSTIBLE METALLIQUE PROVENANT DU GROUPE IVB DU TABLEAU PERIODIQUE, ET PROJECTILE CONTENANT LEDIT COMPOSE INCENDIAIRE**  
[72] DIEWALD, GUENTHER, CH  
[73] RWM SCHWEIZ AG, CH  
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[54] **SYSTEM, METHOD, AND APPARATUS FOR FRACTURE DESIGN OPTIMIZATION**  
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[72] BAILEY, WILLIAM JOHN, US  
[72] AYOUB, JOSEPH, US  
[72] COUET, BENOIT, US  
[72] DURY, VINCENT, NO  
[72] KONG, WENYU, GB  
[72] WILKINSON, DAVID J., US  
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[54] **PROCESS FOR DRAWING BACK-UP POWER FROM A JET TURBINE ENGINE AND TURBINE ENGINE EQUIPPED TO IMPLEMENT SUCH A PROCESS**  
[54] **PROCEDE DE PRELEVEMENT D'ENERGIE AUXILIAIRE SUR UN TURBOREACTEUR D'AVION ET TURBOREACTEUR EQUIPE POUR METTRE EN OEUVRE UN TEL PROCEDE**  
[72] COLOTTE, BAPTISTE, FR  
[72] GALIVEL, JEAN PIERRE, FR  
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[72] CONRAD, PAUL KINGSLEY  
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[54] **UTILISATION D'INHIBITEURS DE LA VOIE DU COMPLEMENT POUR TRAITER DES MALADIES OCULAIRES**

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[73] GENENTECH, INC., US

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[54] **PROCEDE, SYSTEME ET APPAREIL POUR LA DESAGREGATION NUMERIQUE D'HUILE NOIRE**

[72] HOLMES, JONATHAN, GB

[72] GHORAYEB, KASSEM, SA

[73] SCHLUMBERGER CANADA LIMITED, CA

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[54] **METHOD TO INCREASE RESISTANCE AGAINST STAIN PENETRATION OF AQUEOUS COATING COMPOSITIONS**

[54] **PROCEDE POUR AUGMENTER LA RESISTANCE A LA PENETRATION DE TACHES DE COMPOSITIONS DE REVETEMENT AQUEUX**

[72] CHOWDHRY, MUBARIK  
MAHMOOD, SG

[72] YAMASHITA, HIDEKI, JP

[72] YONG, CHEESEN, CN

[72] CATTERALL, GREGORY JOHN, AU

[72] ALLEN, JONATHAN SHANE, AU

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[54] **ANTAGONISTE PEPTIDIQUE DU RECEPTEUR ALPHAVBETA3 SELECTIF UTILISE DANS DES APPLICATIONS THERAPEUTIQUES ET DE DIAGNOSTIC**

[72] DEL GATTO, ANNARITA, IT

[72] ZACCARO, LAURA, IT

[72] PEDONE, CARLO, IT

[72] SAVIANO, MICHELE, IT

[73] **ADVANCED ACCELERATOR APPLICATIONS, FR**

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[54] **HUMAN ANTIBODIES AGAINST IL13 AND THERAPEUTIC USES**

[54] **MOLECULES ORGANIQUES**

[72] CAMPBELL, EMMA MICHELLE, GB

[72] PARVEEN, SOFIA, GB

[72] VALKIRS, GUNARS, US

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[72] PRINGLE, STEVEN DEREK, GB

[72] WILDGOOSE, JASON LEE, GB

[73] **MICROMASS UK LIMITED, GB**

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[54] **PROCESS AND SYSTEM FOR GASIFICATION WITH IN-SITU TAR REMOVAL**

[54] **PROCEDE ET SYSTEME DE GAZEIFICATION ASSOCIEE A UNE EXTRACTION DE GOUDRON IN-SITU**

[72] PAISLEY, MARK A., US

[73] **TAYLOR BIOMASS ENERGY, LLC, US**

[85] 2008-04-18

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[54] **FILTERING DEVICE FOR DIESEL ENGINE EXHAUST GAS**

[54] **DISPOSITIF DE FILTRATION POUR GAZ D'ECHAPPEMENT DE MOTEUR DIESEL**

[72] SAMARAS, ZISSIS, GR

[72] KOLTSAKIS, GRIGORIOS, GR

[73] **ARISTOTLE UNIVERSITY THESSALONIKI, GR**

[73] **VALE INCO LIMITED, CA**

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[54] **COMMANDE POUR BETONNIERE PORTEE SUR CAMION**

[72] FREY, WERNER, DE

[72] RUF, BERTHOLD, DE

[73] **LIEBHERR-MISCHTECHNIK GMBH, DE**

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[54] **NANOPARTICULES FLUORESCENTES**

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[72] ZELLER, KATHRIN, DE

[72] MITTMANN, KARIN, DE

[72] BLOCK, CHRISTOPH, DE

[72] ARNTZ, CLAUDIA, DE

[73] **EXCHANGE IMAGING TECHNOLOGIES GMBH, DE**

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[72] WANG, XIAOCHUAN, CA

[73] **NOVA CHEMICALS CORPORATION, CA**

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[54] **METHOD AND DEVICE FOR DETECTING FOREST FIRES**  
[54] **PROCEDE ET DISPOSITIF DE DETECTION D'INCENDIE DE FORET**  
[72] BOCCIA, HENRI, FR  
[72] PATRICE, PHILIPPE, FR  
[73] SMART PACKAGING SOLUTIONS (SPS), FR  
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[54] **SAFETY DEVICE, DIVING EQUIPMENT AND SAFETY METHOD FOR SCUBA DIVING**  
[54] **DISPOSITIF DE SECURITE, EQUIPEMENT DE PLONGEE ET PROCEDE DE SECURITE POUR LA PLONGEE AVEC SCAPHANDRE AUTONOME**  
[72] STOOD, JAN, SE  
[72] PATRIKSSON, OLA, SE  
[72] VAN OOSTRUM, CHRISTIAN, SE  
[72] ERDTMAN, THOMAS, ES  
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[54] **DISPOSITIF D'ABLATION DE PRECISION**  
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[72] GARABEDIAN, ROBERT, US  
[72] WALLACE, MICHAEL P., US  
[73] COVIDIEN LP, US  
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[54] **GAS VENTING SYSTEM**  
[54] **SYSTEME DE PURGE DE GAZ**  
[72] HART, BURTON L., US  
[73] BUNN-O-MATIC CORPORATION, US  
[86] (2632063)  
[87] (2632063)  
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[25] EN  
[54] **BUTTRESS AND SURGICAL STAPLING APPARATUS**  
[54] **MATERIAU DE RENFORT ET APPAREIL D'AGRAFAGE CHIRURGICAL**  
[72] PROMMERSBERGER, MEGAN, US  
[72] NENTWICK, BRIAN, US  
[72] GRAVAGNA, PHILIPPE, FR  
[72] BAYON, YVES, FR  
[72] DASSONVILLE, DAGMAR, FR  
[72] LECNEGHIN, ALFREDO, FR  
[72] MENCUIVRE, JULIE, FR  
[73] TYCO HEALTHCARE GROUP LP, US  
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[87] (2632294)  
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[25] EN  
[54] **A METHOD AND SYSTEM FOR PERFORMING A SOFTWARE UPGRADE ON AN ELECTRONIC DEVICE CONNECTED TO A COMPUTER**  
[54] **METHODE ET SYSTEME D'EXECUTION DE MISE A NIVEAU DE LOGICIEL DE DISPOSITIF ELECTRONIQUE RACCORDE A UN ORDINATEUR**  
[72] TYHURST, TIMOTHY RICHARD, CA  
[72] OMAR, SALIM HAYDER, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2632509)  
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[54] **TREATMENT OF MITOCHONDRIA-RELATED DISEASES AND IMPROVEMENT OF AGE-RELATED METABOLIC DEFICITS**  
[54] **TRAITEMENT DE MALADIES LIEES AUX MITOCHONDRIES ET AMELIORATION DE DEFICITS METABOLIQUES LIES A L'AGE**  
[72] COOPER, GARTH JAMES SMITH, NZ  
[72] PHILLIPS, ANTHONY RONALD JOHN, NZ  
[72] CHEN, NANCY XIUYIN, NZ  
[72] GONG, DEMING, NZ  
[72] JULLIG, MARIA, NZ  
[72] HICKEY, ANTHONY JOHN RODNEY, NZ  
[72] GLYN-JONES, SARAH, NZ  
[73] PHILERA NEW ZEALAND LIMITED, NZ  
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[25] EN  
[54] **DETACHABLE BUTTRESS MATERIAL RETENTION SYSTEMS FOR USE WITH A SURGICAL STAPLING DEVICE**  
[54] **SYSTEMES DE RETENUE DE MATERIAU DE RENFORT AMOVIBLE POUR UTILISATION AVEC UN DISPOSITIF D'AGRAFAGE CHIRURGICAL**  
[72] MARCZYK, STANISLAW, US  
[72] PROMMERSBERGER, MEGAN, US  
[72] NENTWICK, BRIAN, US  
[73] TYCO HEALTHCARE GROUP LP, US  
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[54] **PRESSURE REGULATED SUPERCRITICAL FLUID FRACTIONATION OF OIL SEED EXTRACTION MATERIALS**  
[54] **CRISTALLISATION FRACTIONNEE DE FLUIDE SUPERCRITIQUE A REGULATION DE PRESSION DES SUBSTANCES EXTRAITES DES PLANTES OLEAGINEUSES**  
[72] MARENTIS, RODGER T., US  
[73] MOR TECHNOLOGY, LLC, US  
[86] (2636953)  
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[25] EN  
[54] **METHOD OF ROUTING ELECTRICAL CURRENT TO BODILY TISSUES VIA IMPLANTED PASSIVE CONDUCTORS**  
[54] **PROCEDE DE ROUTAGE D'UN COURANT ELECTRIQUE A DES TISSUS CORPORELS PAR L'INTERMEDIAIRE DE CONDUCTEURS PASSIFS**  
[72] GAUNT, ROBERT ANDREW, US  
[72] PROCHAZKA, ARTHUR, CA  
[73] REHABTRONICS INC., CA  
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[54] **ORGANOFUNCTIONALLY MODIFIED POLYSILOXANES AND USE THEREOF FOR DEFOAMING LIQUID FUELS WITH BIOFUEL ADDITIONS**  
[54] **POLYSILOXANES MODIFIES PAR DES GROUPEMENTS FONCTIONNELS ORGANIQUES ET LEUR APPLICATION AU DEMOUSSAGE DES COMBUSTIBLES LIQUIDES AVEC APPORTS DE BIOCMBUSTIBLES**  
[72] HAENSEL, RENE, DE  
[72] VETTER, ANDREAS, DE  
[72] HERRWERTH, SASCHA, DE  
[72] LOHSE, ANDREA, DE  
[72] VENZMER, JOACHIM, DE  
[72] SEIDENSTICKER, PETER, DE  
[73] EVONIK DEGUSSA GMBH, DE  
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[87] (2636749)  
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[25] EN  
[54] **APPARATUS FOR SPACING BOARDS**  
[54] **APPAREILLAGE D'ESPACEMENT DE PANNEAUX**  
[72] ST-PIERRE, MICHEL, CA  
[73] NOVILCO INC., CA  
[86] (2637159)  
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[25] EN  
[54] **METHODS AND APPARATUS FOR PROTECTING OFFSHORE STRUCTURES**  
[54] **METHODES ET APPAREIL PERMETTANT LA PROTECTION DE STRUCTURES EN MER**  
[72] KREHBIEL, DREW, US  
[72] D'SOUZA, RICHARD, US  
[73] KELLOGG BROWN & ROOT LLC, US  
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[72] MCMAHAN, LIANNE M., US  
[72] PERRY, LOU, US  
[72] RAO, PRASAD, US  
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[73] SCHNEIDER ELECTRIC IT CORPORATION, US  
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[54] **SOURCES VIDEO COMPOSITES PERSONNALISEES POUR APPLICATIONS DE SURVEILLANCE**  
[72] SALGAR, MAYUR, IN  
[72] DRIVE, MARINE, IN  
[72] SUBBIAN, DEEPAKUMAR, IN  
[72] JAYAPPA, MAHESH N., IN  
[73] HONEYWELL INTERNATIONAL INC., US  
[86] (2638072)  
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[22] 2008-07-18  
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[25] EN  
[54] **ELECTRICAL CONNECTOR WITH PAD HOLE LOCATOR**  
[54] **CONNECTEUR ELECTRIQUE AVEC LOCALISATEUR DE TROUS DE PLOT**  
[72] SINK, JOSEPH, US  
[72] THERRIEN, PETER, US  
[72] CHADBOURNE, CHRISTOPHER G., US  
[73] HUBBELL INCORPORATED, US  
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[25] EN  
[54] **TUMOR-TARGETED NANODELIVERY SYSTEMS TO IMPROVE EARLY MRI DETECTION OF CANCER**  
[54] **SYSTEMES DE NANO-ADMINISTRATION VISANT UNE TUMEUR POUR AMELIORER LA DETECTION PRECOCE PAR IRM D'UN CANCER**  
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[72] PIROLLO, KATHLEEN F., US  
[73] GEORGETOWN UNIVERSITY, US  
[85] 2008-07-25  
[86] 2006-10-20 (PCT/US2006/041139)  
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[54] **SUSPENSION PYLON FOR AN ENGINE UNDER THE WING OF AN AIRCRAFT**  
[54] **PYLONE DE SUSPENSION D'UN MOTEUR SOUS UNE AILE D'AVION**  
[72] BALK, WOUTER, FR  
[73] SNECMA, FR  
[86] (2639211)  
[87] (2639211)  
[22] 2008-08-26  
[30] FR (07/06076) 2007-08-30

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[25] EN  
[54] **CEMENT SPACER FOR USE IN PROSTHETIC CUP AND METHOD OF USE THEREOF**  
[54] **RONDELLE D'ESPACEMENT POUR COUPELLE PROTHETIQUE ET METHODE D'UTILISATION**  
[72] BREE, JEAN-PIERRE, FR  
[72] LE BON, FRANCK, FR  
[72] RICHARD, ALAIN, FR  
[72] LAVIEILLE, PHILIPPE, FR  
[73] STRYKER IRELAND LIMITED, IE  
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[51] **Int.Cl. E01D 19/12 (2006.01) E01D 21/00 (2006.01)**  
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[54] **BRIDGE DECK PANEL**  
[54] **PANNEAU DE TABLIER DE PONT**  
[72] VINCENT, RICHARD, CA  
[73] GROUPE CANAM INC., CA  
[86] (2639701)  
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[22] 2008-09-19  
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[51] **Int.Cl. A47L 9/00 (2006.01)**  
[25] EN  
[54] **AUXILIARY VACUUM UNIT FOR A CENTRAL VACUUM CLEANING SYSTEM**  
[54] **ASPIRATEUR AUXILIAIRE POUR SYSTEME CENTRAL D'ASPIRATION**  
[72] MARCIL, CHRISTIAN, CA  
[72] WIDMER, URS, CA  
[73] WIDMAR INC., CA  
[86] (2639814)  
[87] (2639814)  
[22] 2008-09-26  
[30] US (60/975,856) 2007-09-28

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[54] **A METHOD OF CONTROLLING GROWTH AND HEAT LOSS OF AN IN SITU GRAVITY DRAINAGE CHAMBER FORMED WITH A CONDENSING SOLVENT PROCESS**  
[54] **METHODE DE REGULATION DE L'AUGMENTATION ET DE LA PERTE DE CHALEUR D'UNE CHAMBRE DE DRAINAGE PAR GRAVITE IN SITU GRACE A UN PROCEDE DE CONDENSATION PAR SOLVANT**  
[72] NENNIGER, JOHN, CA  
[72] GUNNEWIEK, LOWY, CA  
[73] N-SOLV CORPORATION, CA  
[86] (2639851)  
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[54] **MAGNETIC SEPARATION APPARATUS**

[54] **APPAREIL DE SEPARATION MAGNETIQUE**

[72] TERUI, SHIGEKI, JP

[72] MORITA, MINORU, JP

[72] TAKEMURA, KIYOKAZU, JP

[72] NUMATA, YOSHIHARU, JP

[72] YAMAMOTO, HIROYUKI, JP

[73] HITACHI, LTD., JP

[86] (2640019)

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[54] **SURGICAL STAPLING APPARATUS**

[54] **APPAREIL D'AGRAFAGE CHIRURGICAL**

[72] BLIER, KENNETH, US

[72] SNIFFIN, KEVIN, US

[72] BEARDSLEY, JOHN, US

[73] TYCO HEALTHCARE GROUP LP, US

[86] (2640346)

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[13] C

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[25] EN

[54] **APPARATUS AND METHOD OF IMPROVING MIXING OF AXIAL INJECTION IN THERMAL SPRAY GUNS**

[54] **DISPOSITIF ET METHODE PERMETTANT D'AMELIORER LE MELANGE DE L'INJECTION AXIALE DANS LES PULVERISATEURS THERMIQUES**

[72] MUGGLI, FELIX ANDREAS, CH

[72] HEGGEMANN, MARC, CH

[72] MOLZ, RONALD J., US

[73] OERLIKON METCO (US) INC., US

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[25] EN

[54] **SYSTEMS AND METHODS FOR MONITORING A SAW BLADE DURING SAWING**

[54] **SYSTEMES ET METHODES D'OBSERVATION D'UNE LAME DE SCIE EN FONCTIONNEMENT**

[72] BARKER, EARL, US

[73] WEYERHAEUSER NR COMPANY, US

[86] (2641094)

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[13] C

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[25] EN

[54] **GAS TURBINE ENGINE COMBUSTOR AND METHOD FOR DELIVERING PURGE GAS INTO A COMBUSTION CHAMBER OF THE COMBUSTOR**

[54] **DISPOSITIF COMBUSTOR DE TURBINE A GAZ ET METHODE D'APPLICATION DE GAZ DE PURGE DANS UNE CHAMBRE DE COMBUSTION DU DISPOSITIF COMBUSTOR**

[72] LOHMUELLER, STEVEN JOSEPH, US

[73] GENERAL ELECTRIC COMPANY, US

[86] (2641195)

[87] (2641195)

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[25] EN

[54] **USE OF NITROOXYDERIVATIVE OF DRUG FOR THE TREATMENT OF MUSCULAR DYSTROPHIES**

[54] **UTILISATION DE DERIVES NITRO-OXYDES DE MEDICAMENTS POUR LE TRAITEMENT DE DYSTROPHIES MUSCULAIRES**

[72] CLEMENTI, EMILIO, IT

[72] COSSU, GIULIO, IT

[72] BRUNELLI, SILVIA, IT

[72] ONGINI, ENNIO, IT

[73] NICOX SCIENCE IRELAND, IE

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[54] **COLLAPSIBLE LOOM**  
[54] **METIER A TISSER PLIABLE**  
[72] KOJIMA, HIROYOSHI, FI  
[73] KOJIMA, HIROYOSHI, FI  
[86] (2642692)  
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[22] 2008-11-03  
[30] FI (20070839) 2007-11-07

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[51] **Int.Cl. A61F 9/007 (2006.01)**

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[54] **SYSTEM AND METHOD FOR A PROCEDURE BASED GRAPHICAL INTERFACE**  
[54] **SYSTEME ET PROCEDE POUR INTERFACE GRAPHIQUE REPOSANT SUR UNE PROCEDURE**  
[72] TODD, KIRK W., US  
[72] ESSEX, PAUL J., US  
[72] EKVALL, JOHAN, US  
[72] GELLAND, TORSTEN A., US  
[72] THOMAS, ROGER D., US  
[73] ALCON, INC., US  
[85] 2008-08-22  
[86] 2007-02-26 (PCT/US2007/062810)  
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[87] (WO2007/098039)  
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[13] C

[51] **Int.Cl. F01D 25/28 (2006.01) F01D 9/06 (2006.01)**

[25] EN  
[54] **CONNECTING RADIAL ARMS TO A CIRCULAR FERRULE BY IMBRICATING ATTACHED PARTS**  
[54] **RACCORDEMENT DE BRAS RADIAUX A UN CYLINDRE PAR IMBRICATION DE PIECES RELIEES**  
[72] DRELON, GODEFROY FRANCIS FREDERIC, FR  
[72] PRESTEL, SEBASTIEN JEAN LAURENT, FR  
[72] SOUPIZON, JEAN-LUC, FR  
[73] SNECMA, FR  
[86] (2643538)  
[87] (2643538)  
[22] 2008-11-05  
[30] FR (07 58938) 2007-11-09

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[11] **2,643,560**  
[13] C

[51] **Int.Cl. E01H 4/02 (2006.01) A63C 19/02 (2006.01) E01H 4/00 (2006.01) E01H 5/02 (2006.01) F25C 5/14 (2006.01)**

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[54] **ICE SCRAPER BLADE ASSEMBLY**  
[54] **LAME DE GRATTOIR A GLACE**  
[72] THOMPSON, ALBERT N., CA  
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[86] (2643560)  
[87] (2643560)  
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[13] C

[51] **Int.Cl. F02C 7/20 (2006.01) B64D 27/00 (2006.01) F01D 25/24 (2006.01)**

[25] FR  
[54] **MEANS OF BLOCKING ROTATION OF AN AXIS SUPPORTING A SUSPENSION COMPONENT OF A TURBOSHAFT**  
[54] **MOYEN DE BLOCAGE EN ROTATION D'UN AXE SUPPORTANT UN ORGANE DE SUSPENSION DE TURBOMOTEUR**  
[72] RENON, OLIVIER, FR  
[72] RODRIGUES, PAUL, FR  
[72] SCHNELL, CHRISTIAN RENE, FR  
[72] SOUPIZON, JEAN-LUC, FR  
[73] SNECMA, FR  
[86] (2643614)  
[87] (2643614)  
[22] 2008-11-06  
[30] FR (07 07882) 2007-11-09

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[51] **Int.Cl. A47K 10/32 (2006.01) A47K 10/36 (2006.01) B65H 35/00 (2006.01)**

[25] EN  
[54] **SYSTEM FOR ENHANCING WATER RESISTANCE OF A ROLL DISPENSER**  
[54] **SYSTEME PERMETTANT D'AMELIORER LA RESISTANCE A L'EAU D'UN DISTRIBUTEUR DE ROULEAUX DE PAPIER**  
[72] CATTACIN, GILLES, FR  
[72] POMMIER, NICOLAS, FR  
[72] LINSTEDT, BRIAN K., US  
[72] STARK, SALLY ANN, US  
[72] ROTHWELL, TIMOTHY C., US  
[72] STONIS, LUKE C., US  
[73] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US  
[86] (2643765)  
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[25] EN  
[54] **CONNECTING BAR WITH FLAT INTERFACE**  
[54] **BARRE DE CONNEXION AVEC INTERFACE PLATE**  
[72] BONFILS, JEAN-MICHEL, FR  
[73] SCHNEIDER ELECTRIC INDUSTRIES SAS, FR  
[86] (2643919)  
[87] (2643919)  
[22] 2008-11-13  
[30] FR (07 08126) 2007-11-20

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[51] **Int.Cl. C12Q 1/68 (2006.01) A01N 43/04 (2006.01) A61K 31/07 (2006.01) C07H 21/04 (2006.01)**  
[25] EN  
[54] **ANTISENSE ANTIVIRAL COMPOUND AND METHOD FOR TREATING ARENAVIRUS INFECTION**  
[54] **COMPOSE ANTIVIRAL ANTISENS ET PROCEDE DESTINE AU TRAITEMENT D'UNE INFECTION PAR ARENAVIRUS**  
[72] NEUMAN, BENJAMIN, US  
[72] STEIN, DAVID A., US  
[72] BUCHMEIER, MICHAEL, US  
[72] IVERSEN, PATRICK L., US  
[73] THE SCRIPPS RESEARCH INSTITUTE, US  
[73] SAREPTA THERAPEUTICS, INC., US  
[85] 2008-09-05  
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[54] **ARTERY IMAGING SYSTEM**  
[54] **SYSTEME D'IMAGERIE ARTERIELLE**  
[72] FELDMAN, CHARLES L., US  
[72] STONE, PETER, US  
[72] COSKUN, AHMET U., US  
[73] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US  
[73] NORTHEASTERN UNIVERSITY, US  
[85] 2008-08-29  
[86] 2007-03-01 (PCT/US2007/063069)  
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[25] EN  
[54] **ELECTRIC THREE-PHASE POWER CABLE SYSTEM**  
[54] **SYSTEME DE CABLES D'ALIMENTATION ELECTRIQUE TRIPHASEE**  
[72] BREMNES, JARLE JANSEN, NO  
[73] NEXANS, FR  
[86] (2644808)  
[87] (2644808)  
[22] 2008-11-25  
[30] NO (20076091) 2007-11-27

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[25] EN  
[54] **METHOD AND APPARATUS FOR CONDUCTING MICROWAVE ASSISTED ORGANIC REACTIONS WITH GAS-PHASE REACTANTS**  
[54] **PROCEDE ET APPAREIL CONCUS POUR METTRE EN OEUVRE DES REACTIONS ORGANIQUES ASSISTEES PAR MICRO-ONDES AVEC DES REACTIFS EN PHASE GAZEUSE**  
[72] VANIER, GRACE, US  
[73] CEM CORPORATION, US  
[85] 2008-09-05  
[86] 2007-03-07 (PCT/US2007/005931)  
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[30] US (11/370,139) 2006-03-07

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[51] **Int.Cl. C07K 14/45 (2006.01)**  
[25] EN  
[54] **ANTIMICROBIAL PEPTIDE COMPOUND, ITS PREPARATION AND ITS APPLICATIONS**  
[54] **COMPOSE PEPTIDIQUE ANTIMICROBIEN, SA PREPARATION ET SES APPLICATIONS**  
[72] BRESSOLLIER, PHILIPPE, FR  
[72] BRUGO, MARIA ATTILIA, FR  
[72] ROBINEAU, PASCALE, FR  
[72] SCHMITTER, JEAN-MARIE, FR  
[72] SOFEIR, MAURICE, FR  
[72] URDACI, MARIA CAMINO, FR  
[72] VERNEUIL, BERNARD, FR  
[73] SANOFI-AVENTIS SPA, IT  
[85] 2008-10-02  
[86] 2007-04-06 (PCT/IB2007/002003)  
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[30] IT (MI2006A000678) 2006-04-06

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[25] EN

[54] **NITRIC OXIDE ENHANCING PROSTAGLANDIN COMPOUNDS, COMPOSITIONS AND METHODS OF USE**

[54] **PROSTAGLANDINES AMPLIFICATRICES D'OXYDE NITRIQUE, COMPOSITIONS ET METHODES D'UTILISATION**

[72] GARVEY, DAVID S., US

[73] NICOX S.A., FR

[85] 2008-09-29

[86] 2007-03-19 (PCT/US2007/006749)

[87] (WO2007/126609)

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[25] EN

[54] **DESIGNED DEIMMUNIZED MONOCLONAL ANTIBODIES FOR PROTECTION AGAINST HIV EXPOSURE AND TREATMENT OF HIV INFECTION**

[54] **ANTICORPS MONOCLONAUX DESIMMUNISES ARTIFICIELS UTILISES POUR LA PROTECTION CONTRE L'EXPOSITION AU VIH ET LE TRAITEMENT DE L'INFECTION PAR LE VIH**

[72] LYNN, SHUGENE, US

[72] WANG, CHANG YI, US

[73] UNITED BIOMEDICAL, (ASIA) INC., TW

[73] UNITED BIOMEDICAL, INC., US

[86] (2648056)

[87] (2648056)

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[51] **Int.Cl. G07F 17/32 (2006.01)**

[25] EN

[54] **REMOTE CONTENT MANAGEMENT AND RESOURCE SHARING ON A GAMING MACHINE AND METHOD OF IMPLEMENTING SAME**

[54] **GESTION DE CONTENU A DISTANCE ET PARTAGE DE RESSOURCES SUR UNE MACHINE DE JEUX DE HASARD ET PROCEDE DE MISE EN OEUVRE CORRESPONDANT**

[72] LITTLE, WILLIAM, US

[72] MANFREDI, VINCENT S., US

[72] IDDINGS, CARA L., US

[72] LEMAY, STEVEN G., US

[72] GIPP, DAVID A., US

[72] DE WAAL, DANIEL, US

[72] BULLARD, BRYAN, US

[72] SCHNEIDER, RICHARD J., US

[72] BEAULIEU, NICOLE M., US

[73] IGT, US

[85] 2008-10-01

[86] 2007-03-28 (PCT/US2007/007857)

[87] (WO2007/120450)

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[30] US (60/822,859) 2006-08-18

[30] US (11/595,798) 2006-11-10

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[13] C

[51] **Int.Cl. B60Q 1/00 (2006.01)**

[25] EN

[54] **LIGHT BAR AND METHOD FOR MAKING**

[54] **BARRE LUMINEUSE ET PROCEDE DE FABRICATION**

[72] GERGETS, PAUL M., US

[72] FLESZEWSKI, VINCE S., US

[72] MOSTELLO, ALLAN J., US

[73] FEDERAL SIGNAL CORPORATION, US

[85] 2008-09-30

[86] 2007-03-15 (PCT/US2007/064088)

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[13] C

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[25] EN

[54] **IMPROVED PERFORMANCE OF PERMANENTLY INSTALLED TUBING CONVEYED SEISMIC ARRAYS USING PASSIVE ACOUSTIC ABSORBERS**

[54] **AMELIORATION DE L'EFFICACITE DE RESEAUX SISMIQUES INSTALLEES DE FACON PERMANENTE SUR UNE COLONNE AU MOYEN D'ABSORBANTS ACOUSTIQUES PASSIFS**

[72] KNUDSEN, SVERRE, NO

[72] TRAVIS, PAUL, GB

[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US

[85] 2008-10-03

[86] 2007-04-06 (PCT/US2007/066173)

[87] (WO2007/118210)

[30] US (60/744,394) 2006-04-06

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[13] C

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[25] EN

[54] **METERING SYSTEM FOR AGRICULTURAL IMPLEMENT AND HAVING SECTIONAL CONTROL**

[54] **SYSTEME DE DOSAGE POUR INSTRUMENT ARATOIRE ET COMPORTANT UNE COMMANDE SECTIONNELLE**

[72] FRIGGSTAD, TERRANCE A., CA

[73] CNH INDUSTRIAL CANADA, LTD., CA

[86] (2648452)

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[22] 2009-01-07

[30] US (61/073,573) 2008-06-18

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[25] EN  
[54] **MUSCLE REGENERATION PROMOTER**  
[54] **PROMOTEUR DE REGENERATION MUSCULAIRE**  
[72] OHIRA, YOSHINOBU, JP  
[72] NISHIMOTO, NORIHIRO, JP  
[73] OSAKA UNIVERSITY, JP  
[73] NISHIMOTO, NORIHIRO, JP  
[85] 2008-10-07  
[86] 2007-04-06 (PCT/JP2007/057745)  
[87] (WO2007/116962)  
[30] JP (2006-106445) 2006-04-07

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[25] EN  
[54] **CONTROLLED-PRECISION ITERATIVE ARITHMETIC LOGIC UNIT**  
[54] **UNITE LOGIQUE ARITHMETIQUE ITERATIVE A PRECISION CONTROLEE**  
[72] DOCKSER, KENNETH ALAN, US  
[73] QUALCOMM INCORPORATED, US  
[85] 2008-10-20  
[86] 2007-04-20 (PCT/US2007/067119)  
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[25] EN  
[54] **ROLL-OUT STRUCTURE/HURRICANE SHEATHING**  
[54] **STRUCTURE A ENROULEMENT/PROTECTION CONTRE LES OURAGANS**  
[72] CURRY, JAMES, III, US  
[73] CURRY, JAMES, III, US  
[85] 2008-10-22  
[86] 2007-04-10 (PCT/US2007/008933)  
[87] (WO2007/133359)  
[30] US (11/412,609) 2006-04-27

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[13] C

[51] **Int.Cl. H04L 29/14 (2006.01)**  
[25] EN  
[54] **RELIABLE MESSAGING USING REDUNDANT MESSAGE STREAMS IN A HIGH SPEED, LOW LATENCY DATA COMMUNICATIONS ENVIRONMENT**  
[54] **MESSAGE FIABLE UTILISANT DES FLUX DE MESSAGES REDONDANTS DANS UN ENVIRONNEMENT DE COMMUNICAION DE DONNEES A FAIBLE TEMPS DE LATENCE ET A HAUTE VITESSE**  
[72] BORGENDALE, KENNETH WAYNE, US  
[72] DEKEL, ELIEZER, IL  
[72] DUIGENAN, JOHN JUSTIN, US  
[72] GERSHINSKY, GIDON, IL  
[72] KRITS, ALEXANDER, IL  
[72] NAAMAN, NIR, IL  
[72] OKUNSEINDE, FOLUSO OLAIYA, US  
[72] PIKE, HILARY ALISON, US  
[72] WRIGHT, CORNELL, JR., US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2008-10-22  
[86] 2007-06-13 (PCT/EP2007/055851)  
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[30] US (11/426,849) 2006-06-27

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[25] EN  
[54] **GRASPING JAW MECHANISM**  
[54] **MECANISME DE MACHOIRE DE SAISIE**  
[72] SCIRICA, PAUL A., US  
[72] BEARDSLEY, JOHN W., US  
[73] TYCO HEALTHCARE GROUP LP, US  
[86] (2650352)  
[87] (2650352)  
[22] 2009-01-21  
[30] US (61/062,389) 2008-01-25  
[30] US (12/200,057) 2008-08-28  
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[51] **Int.Cl. F41H 5/04 (2006.01)**  
[25] EN  
[54] **MULTILAYERED MATERIAL SHEET AND PROCESS FOR ITS PREPARATION**  
[54] **FEUILLE DE MATERIAU MULTICOUCHE ET SON PROCEDE DE PREPARATION**  
[72] MARISSSEN, ROELOF, NL  
[72] SIMMELINK, JOSEPH ARNOLD PAUL MARIA, NL  
[72] STEEMAN, REINARD JOZEF MARIA, NL  
[72] CALIS, GIJSBERTUS HENDRIKUS MARIA, NL  
[72] MENCKE, JACOBUS JOHANNES, NL  
[72] BEUGELS, JEAN HUBERT MARIE, NL  
[72] VANEK, DAVID, US  
[72] VAN ELBURG, JOHANN, NL  
[72] PETERS, ALEXANDER VOLKER, DE  
[72] TANDERUP, STEEN, NL  
[72] DORSCHU, MARKO, NL  
[73] DSM IP ASSETS B.V., NL  
[85] 2008-10-24  
[86] 2007-04-26 (PCT/EP2007/003685)  
[87] (WO2007/122010)  
[30] EP (06008600.6) 2006-04-26  
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[30] EP (06026725.9) 2006-12-22  
[30] US (60/876,544) 2006-12-22

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[13] C

[51] **Int.Cl. A61K 38/38 (2006.01) A61K 35/20 (2006.01) A61P 3/10 (2006.01)**  
[25] FR  
[54] **USE OF ALPHA-LACTALBUMIN FOR REGULATION OF GLYCEMIA**  
[54] **UTILISATION DE L'ALPHA-LACTALBUMINE POUR LA REGULATION DE LA GLYCEMIE**  
[72] TOME, DANIEL, FR  
[72] HUNEAU, JEAN-FRANCOIS, FR  
[72] MIKOGAMI, TAKASHI, FR  
[72] LAPLAIZE, BENOIT, FR  
[73] COMPAGNIE LAITIERE EUROPEENNE, FR  
[85] 2008-10-24  
[86] 2007-04-24 (PCT/FR2007/000689)  
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[25] EN

[54] **METHODS AND SYSTEMS FOR SEGMENTATION USING BOUNDARY REPARAMETERIZATION**

[54] **PROCEDES ET SYSTEMES DE SEGMENTATION PAR REPARAMETRAGE DE LIMITES**

[72] FALCO, TONY, CA  
[72] HUANG, XING, CA  
[72] KOPTENKO, SERGEI, CA  
[72] LACHAINE, MARTIN, CA  
[73] RESONANT MEDICAL INC., CA  
[85] 2008-11-06  
[86] 2007-05-18 (PCT/CA2007/000898)  
[87] (WO2007/134447)  
[30] US (60/801,317) 2006-05-18

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[13] C

[51] **Int.Cl. H04L 12/24 (2006.01)**

[25] EN

[54] **PROVISIONING AND ACTIVATION USING A SERVICE CATALOG**

[54] **PRESTATION ET ACTIVATION A L'AIDE D'UN CATALOGUE DE SERVICES**

[72] HUUHTANEN, JARKKO, FI  
[72] VORMISTO, HARRI, FI  
[73] COMPTTEL CORPORATION, FI  
[85] 2008-11-12  
[86] 2007-05-22 (PCT/FI2007/050291)  
[87] (WO2007/141378)  
[30] EP (06011588.8) 2006-06-05  
[30] US (60/810,630) 2006-06-05

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[13] C

[51] **Int.Cl. A61B 5/00 (2006.01) G01N 33/483 (2006.01) G01N 33/58 (2006.01)**

[25] EN

[54] **METHODS FOR CHARACTERIZING TISSUES**

[54] **PROCEDES DE CARACTERISATION DE TISSUS**

[72] BALAS, KONSTANTINOS, GR  
[73] FORTH PHOTONICS LIMITED, GB  
[85] 2008-11-12  
[86] 2007-06-05 (PCT/GB2007/002067)  
[87] (WO2008/001037)  
[30] US (60/810,930) 2006-06-05

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[13] C

[51] **Int.Cl. A61B 1/008 (2006.01) A61B 17/94 (2006.01)**

[25] EN

[54] **FLEXIBLE ENDOSCOPE SYSTEM AND FUNCTIONALITY**

[54] **SYSTEME ET FONCTIONNALITE D'ENDOSCOPE SOUPLE**

[72] TERLIUC, GAD, IL  
[72] LURIA, GILAD, IL  
[72] SHAFRAN, OHAD, IL  
[73] SMART MEDICAL SYSTEMS LTD., IL  
[85] 2008-11-17  
[86] 2007-05-17 (PCT/IL2007/000600)  
[87] (WO2007/135665)  
[30] US (60/801,057) 2006-05-18  
[30] US (60/801,058) 2006-05-18  
[30] US (60/801,093) 2006-05-18  
[30] US (60/840,006) 2006-08-25  
[30] US (60/873,261) 2006-12-07  
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[13] C

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[25] EN

[54] **METHODS AND MATERIALS FOR MAKING SIMVASTATIN AND RELATED COMPOUNDS**

[54] **METHODES ET MATIERES POUR L'ELABORATION DE SIMVASTATINE ET DE SES COMPOSES**

[72] TANG, YI, US  
[72] XIE, XINKAI, US  
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2008-11-19  
[86] 2007-05-24 (PCT/US2007/012362)  
[87] (WO2007/139871)  
[30] US (60/808,088) 2006-05-24

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[13] C

[51] **Int.Cl. A61F 5/00 (2006.01) A61F 5/56 (2006.01)**

[25] EN

[54] **NASAL RESPIRATORY DEVICES**

[54] **DISPOSITIFS DE RESPIRATION NASALE**

[72] DOSHI, RAJIV, US  
[72] PIERCE, RYAN KENDALL, US  
[72] LOOMAS, BRYAN, US  
[73] VENTUS MEDICAL, INC., US  
[85] 2008-11-21  
[86] 2007-05-22 (PCT/US2007/012394)  
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[30] US (60/808,034) 2006-05-23

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[11] **2,653,286**  
[13] C

[51] **Int.Cl. G02C 7/04 (2006.01)**

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[54] **MEANS FOR CONTROLLING THE PROGRESSION OF MYOPIA**

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[72] HO, ARTHUR, AU  
[72] SANKARIDURG, PADMAJA RAJAGOPAL, AU  
[72] ALLER, THOMAS ARTHUR, US  
[72] SMITH, EARL LEO, III, US  
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[54] **SECURITY SYSTEM AND METHOD FOR ESTABLISHING AND REGULATING SECURE COMMUNICATIONS OVER A NETWORK**

[54] **SYSTEME DE SECURITE ET METHODE D'ETABLISSEMENT ET DE REGULATION DE COMMUNICATION SECURISEE SUR UN RESEAU**

[72] BAUMHOF, ANDREAS, AU  
[73] SYMBIOTIC TECHNOLOGIES PTY LTD, AU  
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[54] **METHOD FOR SELECTION OF PLANT CELLS TRANSFORMED WITH A POLYNUCLEOTIDE ENCODING DICAMBA MONOOXYGENASE USING AUXIN-LIKE HERBICIDES**

[54] **PROCEDE DE SELECTION DE CELLULES VEGETALES TRANSFORMEES AVEC UN POLYNUCLEOTIDE CODANT LA DICAMBA MONOOXYGENASE AU MOYEN D'HERBICIDES DE TYPE AUXINE**

[72] WAN, YUECHUN, US  
[72] BRINKER, RONALD J., US  
[72] FENG, PAUL C. C., US  
[73] MONSANTO TECHNOLOGY LLC, US

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[54] **SHINING COATING FILM FORMATION METHOD AND COATED ARTICLE**

[54] **PROCEDE DE REALISATION DE PELLICULE PROTECTRICE BRILLANTE ET ARTICLE AINSI OBTENU**

[72] NOMI, EMI, JP  
[72] OGAWA, TAKESHI, JP  
[72] MAGOSHI, ATSUO, JP  
[72] NAKAJIMA, KOJI, JP  
[72] INOUE, MASANOBU, JP  
[72] TAKAIRA, YOSHIKI, JP  
[73] HONDA MOTOR CO., LTD., JP  
[73] NIPPON PAINT CO., LTD., JP  
[73] NIPPON BEE CHEMICAL CO., LTD., JP

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[54] **STATIC PROGRESSIVE SURFACE REGION IN OPTICAL COMMUNICATION WITH A DYNAMIC OPTIC**

[54] **REGION A SURFACE PROGRESSIVE STATIQUE EN COMMUNICATION OPTIQUE AVEC UN ELEMENT OPTIQUE DYNAMIQUE**

[72] BLUM, RONALD D., US  
[72] KOKONASKI, WILLIAM, US  
[72] IYER, VENKATRAMANI S., US  
[72] HADDOCK, JOSHUA N., US  
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[54] **DETECTION D'ACIDES NUCLEIQUES**

[72] ALLAWI, HATIM T., US  
[72] LYAMICHEV, VICTOR, US  
[73] THIRD WAVE TECHNOLOGIES, INC., US

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[54] **SUSPENSION ET TRANSMISSION DE MOTONEIGE**

[72] WATLING, SHAWN, CA  
[73] WATLING, SHAWN, CA

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[72] AUVINEN, PERTTI, FI  
[72] HYYSTI, MIKA, FI  
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[54] **JONC ANNULAIRE FENDU POUR PIECE TOURNANTE DE TURBOMACHINE**  
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[73] SNECMA, FR  
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[54] **METHODE PERMETTANT DE DETERMINER LES PARAMETRES DE COMPRESSION ET DE PROTECTION POUR LA TRANSMISSION DE DONNEES MULTIMEDIAS SUR UN CANAL DE DONNEES SANS FIL**  
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[72] BERNARD, MARC, FR  
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[72] RAMANATHAN, RAJESH, US  
[72] RAGHAV, AMRITANSH, US  
[72] SHTEIGMAN, ERAN, US  
[72] BOBDE, NIKHIL, US  
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[54] **ANALYSEUR DU SANG PORTABLE POUR MESURER LE TAUX D'AU MOINS UN COMPOSE CONTENU DANS LE SANG D'UN PATIENT**  
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[72] THOMM, MICHAEL, DE  
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[72] FOURNET, CEDRIC, US  
[72] GORDON, ANDREW D., US  
[72] BECKER, MORITZ Y., US  
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[73] RING & PINION SERVICE, INC. D.B.A. RANDY'S RING & PINION, US  
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[54] **MODE D'EXPLOITATION DE JEU D'INSTRUCTIONS DE PROCESSEUR COMPARE PAR CIRCUIT DE DEBOGAGE**  
[72] BURKE, KEVIN CHARLES, US  
[72] STEMPEL, BRIAN MICHAEL, US  
[72] STRETT, DAREN EUGENE, US  
[72] SAPP, KEVIN ALLEN, US  
[72] DEBRUYNE, LESLIE MARK, US  
[72] RIZK, NABIL AMIR, US  
[72] SARTORIUS, THOMAS ANDREW, US  
[72] SMITH, RODNEY WAYNE, US  
[73] QUALCOMM INCORPORATED, US  
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[54] **COMPOSITIONS DE POLYOLEFINE PHOTO-RETICULABLES**  
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[72] WAN, EILEEN, CA  
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[54] **INHIBITORS OF PYRUVATE KINASE AND METHODS OF TREATING DISEASE**  
[54] **INHIBITEURS DE LA PYRUVATE KINASE ET PROCEDES DE TRAITEMENT DE MALADIE**  
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[72] VANDER HEIDEN, MATTHEW G., US  
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[54] **ISOLATION AND CHARACTERIZATION OF A NOVEL PYTHIUM OMEGA 3 DESATURASE WITH SPECIFICITY TO ALL OMEGA 6 FATTY ACIDS LONGER THAN 18 CARBON CHAINS**  
[54] **ISOLATION ET CARACTERISATION D'UNE NOUVELLE OMEGA-3 DESATURASE DE PYTHIUM AYANT UNE SPECIFICITE VIS-A-VIS DE TOUS LES ACIDES GRAS OMEGA-6 AYANT UNE CHAINE PLUS LONGUE QUE 18 ATOMES DE CARBONE**  
[72] BAUER, JOERG, DE  
[72] WU, GUOHAI, CA  
[72] QIU, XIAO, CA  
[73] BASF PLANT SCIENCE GMBH, DE  
[73] BIORIGINAL FOOD & SCIENCE CORPORATION, CA  
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[73] ATS BIOTECH INC., CA  
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[72] CHEN, SHAU-LIN F., US  
[72] RABINOWITZ, HAROLD, US  
[72] SAKAKIBARA, JIN, US  
[72] LUO, TIAN, US  
[73] BASF CATALYSTS LLC, US  
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[54] **PRODUITS FAVORISANT UNE SENSATION DE SATIETE ET PROCEDE DE PRODUCTION DE CEUX-CI**  
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[73] TEKNOLOGIAN TUTKIMUSKESKUS VTT OY, FI  
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[72] HOWARD, JACK B., US  
[73] NANO-C, INC., US  
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[54] **PROCEDE, APPAREIL ET PROGRAMME INFORMATIQUE DANS UNE CONCORDANCE D'EMPREINTE DIGITALE**  
[72] VESTGOETE, OERJAN, SE  
[73] SOPRA STERIA AS, NO  
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[54] **PROTECTION DES UTILISATEURS DES FENETRES PUBLICITAIRES D'ENTREES HOSTILES**  
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[72] CHEN, GANG, US  
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[72] HUNTER, JOHN, US  
[73] IMI VISION LIMITED, GB  
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[54] **PROCEDE ET SYSTEME DE DETECTION D'ONDES STATIONNAIRES POUR DES LECTEURS DE MARQUEURS D'IDENTIFICATION PAR RADIOFREQUENCE**  
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[73] TYCO FIRE & SECURITY GMBH, CH  
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[54] **SYSTEME ET PROCEDE DE DETERMINATION DE L'ACTIVITE DE LA PAROLE**  
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[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
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[54] **SYSTEME DE DIAGNOSTIC ET PROCEDE DE CONTROLE DE SYSTEME FERROVIAIRE**  
[72] FORREST, PAUL, GB  
[72] PROVOST, MICHAEL, GB  
[72] LOVELL, JEREMY, GB  
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[54] **METHACRYLIC COMPOSITION FOR OBTAINING A COATING HAVING A ROUGH TEXTURE AND A MATT APPEARANCE**  
[54] **COMPOSITION METHACRYLIQUE PERMETTANT D'OBTENIR UN REVETEMENT AU TOUCHER RUGUEUX ET D'ASPECT MAT**  
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[72] BERGE, JEROME, FR  
[73] ARKEMA FRANCE, FR  
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[54] **SYSTEMES ET PROCEDE DE  
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[54] **PROCEDE DE MANIPULATION DE QUANTITES IMPORTANTES DE DONNEES STANDARD DE TARIFS AERIENS**  
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[54] **SYSTEME DE TRAITEMENT OCULAIRE AVEC INTERFACE DE POMPE POUR LIQUIDES**  
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[72] EDWARDS, CRAIG, US  
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[54] **DETECTION DES INTERACTIONS MOLECULAIRES COMPRENANT UN AGENT DE LIAISON SELECTIF A LA CIBLE ET UNE MOLECULE CIBLE AVEC TRANSFERT D'ENERGIE PAR RESONANCE DE FLUORESCENCE**  
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[72] WELCH, GREGORY C., US  
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[54] **CUVE DE SEPARATION DES SABLES**  
[72] PAGE, PAT, CA  
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[72] FASTNACHT, KATJA, DE  
[72] LIEPOLD, BERND, DE  
[72] BREITENBACH, JOERG, DE  
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[54] **ACTIVATEURS DE FORMATION DE RADICELLES**

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[72] BEECKMAN, TOM, BE  
[72] DE RYBEL, BERT, BE  
[72] INZE, DIRK GUSTAAF, BE  
[73] VIB VZW, BE  
[73] UNIVERSITEIT GENT, BE  
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[30] US (61/078,734) 2008-07-07  
[30] US (12/352,505) 2009-01-12

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[11] **2,672,082**  
[13] C

[51] **Int.Cl. F16B 7/10 (2006.01) F16B 7/12 (2006.01) F16B 7/14 (2006.01)**

[25] EN

[54] **LATCHING DEVICE FOR INSERTION INTO A TUBE FOR LATCHING MOVEMENT OF THE TUBE RELATIVE TO AN EXTERNAL ELEMENT**

[54] **DISPOSITIF DE VERROUILLAGE PERMETTANT D'INSERER UN TUBE POUR LE MOUVEMENT DE VERROUILLAGE DU TUBE PAR RAPPORT A UN ELEMENT EXTERIEUR**

[72] VETESNIK, JAN, CA  
[73] TUFFBUILT PRODUCTS INC., CA  
[86] (2672082)  
[87] (2672082)  
[22] 2009-07-03

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[13] C

[51] **Int.Cl. H04M 3/56 (2006.01) H04L 12/66 (2006.01)**

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[72] MARTIN, DOUGLAS J., US  
[72] LEIGH, RANDOLPH J., US  
[72] GHINAUDO, ANDREW DIONYSIUS, US  
[72] FRIES, ROBERT G., US  
[73] AMERICAN TELECONFERENCING SERVICES, LTD., US  
[85] 2009-06-11  
[86] 2007-12-07 (PCT/US2007/025190)  
[87] (WO2008/073356)  
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[11] **2,673,380**  
[13] C

[51] **Int.Cl. F03B 1/00 (2006.01) F03B 11/02 (2006.01)**

[25] EN

[54] **METHOD AND MEANS FOR ENHANCING THE EFFICIENCY OF WATER TURBINES**

[54] **PROCEDE ET MOYENS POUR AMELIORER L'EFFICACITE DE TURBINES HYDRAULIQUES**

[72] HAUGEN, JAN OTTO, NO  
[73] ANDRITZ TECHNOLOGY AND ASSET MANAGEMENT GMBH, AT  
[85] 2009-03-04  
[86] 2007-09-07 (PCT/NO2007/000316)  
[87] (WO2008/035979)  
[30] NO (20064206) 2006-09-18

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[13] C

[51] **Int.Cl. G08G 5/02 (2006.01) G01C 23/00 (2006.01) G05D 1/06 (2006.01)**

[25] EN

[54] **IMPLEMENTING CONTINUOUS DESCENT APPROACHES FOR MAXIMUM PREDICTABILITY IN AIRCRAFT**

[54] **MISE EN OEUVRE D'APPROCHES DE DESCENTE CONTINUE POUR UNE PREVISIBILITE MAXIMUM DES AERONEFS**

[72] GOMEZ, RAMON, ES  
[72] NAVARRO, FRANCISCO A., ES  
[72] FIGLAR, BASTIAN, ES  
[73] THE BOEING COMPANY, US  
[85] 2009-07-07  
[86] 2008-02-22 (PCT/US2008/054663)  
[87] (WO2008/118581)  
[30] EP (07380053.4) 2007-02-23

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January 5, 2016**

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[13] C

[51] **Int.Cl. F04D 7/06 (2006.01) F04D 29/043 (2006.01) F04D 29/12 (2006.01) F04D 29/44 (2006.01)**

[25] EN

[54] **CENTRIFUGAL PUMP FOR ABRASIVE FLUID**

[54] **POMPE CENTRIFUGE POUR LIQUIDE ABRASIF**

[72] PESSIN, JEAN-LOUIS, US

[72] RAYNER, JOSH, US

[72] COQUILLEAU, LAURENT, US

[72] WOODMANSEE, MICHAEL, US

[73] SCHLUMBERGER CANADA LIMITED, CA

[85] 2009-07-09

[86] 2008-01-07 (PCT/IB2008/050034)

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[30] US (11/621,753) 2007-01-10

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[13] C

[51] **Int.Cl. A23B 9/24 (2006.01) A21D 2/00 (2006.01) A21D 2/02 (2006.01) A23B 9/16 (2006.01) A23B 9/30 (2006.01) B02C 9/00 (2006.01) B02C 9/04 (2006.01)**

[25] EN

[54] **METHOD FOR TREATING RAW AND PROCESSED GRAINS AND STARCHES**

[54] **PROCEDE SERVANT A TRAITER DES CEREALES ET AMIDONS BRUTS ET TRANSFORMES**

[72] SPEAKMAN, NICKOLAS, GB

[72] KIRKPATRICK, ROBIN DUNCAN, ZA

[73] GIANT TRADING INC., PA

[85] 2009-07-10

[86] 2008-01-11 (PCT/IB2008/000672)

[87] (WO2008/084407)

[30] US (11/972,717) 2007-01-11

[30] US (60/884,664) 2007-01-12

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[13] C

[51] **Int.Cl. C07D 231/56 (2006.01) A61K 31/416 (2006.01) A61K 31/4162 (2006.01) A61K 31/4184 (2006.01) A61K 31/423 (2006.01) A61K 31/4353 (2006.01) A61P 35/00 (2006.01) C07D 235/14 (2006.01) C07D 239/74 (2006.01) C07D 261/20 (2006.01) C07D 471/04 (2006.01)**

[25] EN

[54] **INHIBITORS OF MEK**

[54] **INHIBITEURS DE MEK**

[72] VERNIER, JEAN-MICHEL, US

[72] MADERNA, ANDREAS, US

[72] KOH, YUNG-HYO, US

[72] HONG, ZHI, US

[73] ARDEA BIOSCIENCES, INC., US

[85] 2009-07-13

[86] 2008-01-18 (PCT/US2008/051518)

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[30] US (60/885,849) 2007-01-19

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[11] **\*2,675,556**  
[13] C

[51] **Int.Cl. G06F 11/34 (2006.01) G06F 9/455 (2006.01)**

[25] EN

[54] **DEFINING TRACE HANDLES INDEPENDENTLY OF THE STORAGE ADDRESSES OF THE TRACES**

[54] **DEFINITION DE POINTEURS DE TRACES INDEPENDAMMENT DES ADRESSES DE STOCKAGE DES TRACES**

[72] MITRAN, MARCEL, CA

[72] SHEIKH, ALI, CA

[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US

[85] 2009-07-15

[86] 2008-01-16 (PCT/EP2008/050441)

[87] (WO2008/090067)

[30] US (11/625,898) 2007-01-23

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[13] C

[51] **Int.Cl. C12N 1/16 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCTION OF DRY YEAST CONTAINING S-ADENOSYL-L-METHIONINE AND HAVING EXCELLENT STORAGE STABILITY, PRODUCT PRODUCED BY THE METHOD, AND MOLDED COMPOSITION OF THE DRY YEAST**

[54] **PROCEDE DE PRODUCTION DE LEVURE SECHE CONTENANT DE LA S-ADENOSYL-L-METHIONINE ET PRESENTANT UNE EXCELLENTE STABILITE AU STOCKAGE, PRODUIT FABRIQUE PAR LE PROCEDE ET COMPOSITION MOULEE DE LA LEVURE SECHE**

[72] TAKANO, KENTAROU, JP

[72] GAYAMA, SHINYO, JP

[73] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP

[85] 2009-07-16

[86] 2008-01-23 (PCT/JP2008/050852)

[87] (WO2008/090905)

[30] JP (2007-015257) 2007-01-25

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[13] C

[51] **Int.Cl. B27N 3/02 (2006.01) B27N 3/08 (2006.01) C08L 61/00 (2006.01) C08L 65/00 (2006.01) C08L 75/04 (2006.01) C08L 97/02 (2006.01)**

[25] EN

[54] **COMPOSITE PANEL WITH SOLID POLYURETHANE BINDER, AND PROCESS FOR MANUFACTURE**

[54] **PANNEAU COMPOSITE CONTENANT UN LIANT POLYURETHANNE SOLIDE ET PROCEDE DE FABRICATION ASSOCIE**

[72] BERTHEVAS, PAUL R., FR

[72] SCHOLER, MICHAEL, DE

[72] GROSSENBACHER, MICHAEL, CH

[72] BUDNEY, DEAN, US

[72] VILLWOCK, ROBERT, US

[73] MOBIUS TECHNOLOGIES GMBH, DE

[85] 2009-07-22

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5 janvier 2016**

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[25] EN  
[54] **A METHOD FOR ALIGNING A MODIFIED DOCUMENT AND AN ORIGINAL DOCUMENT FOR COMPARISON AND DIFFERENCE HIGHLIGHTING**  
[54] **PROCEDE D'ALIGNEMENT D'UN DOCUMENT MODIFIE ET D'UN DOCUMENT ORIGINAL POUR LES COMPARER ET METTRE EN EVIDENCE LEURS DIFFERENCES**  
[72] HARTMANN, BRIAN, US  
[72] GUNDERSON, BENJAMIN, US  
[73] BLUEBEAM SOFTWARE, INC., US  
[85] 2009-07-23  
[86] 2008-01-17 (PCT/US2008/000624)  
[87] (WO2008/091527)  
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[13] C

[51] **Int.Cl. H02H 3/04 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR MONITORING DISCHARGE PROCESSES IN A CONDUCTOR OF A MEDIUM-VOLTAGE OR HIGH-VOLTAGE SYSTEM**  
[54] **DISPOSITIF POUR SURVEILLER DES PROCESSUS DE DECHARGE DANS UN CONDUCTEUR D'UN SYSTEME MOYENNE OU HAUTE TENSION**  
[72] KLINGBEIL, LARS, DE  
[72] OECHSLE, WALTER, DE  
[73] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2009-07-30  
[86] 2008-01-28 (PCT/EP2008/050980)  
[87] (WO2008/092829)  
[30] DE (10 2007 005 748.4) 2007-02-01

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[13] C

[51] **Int.Cl. C07D 451/02 (2006.01) A61K 31/46 (2006.01)**  
[25] EN  
[54] **CRYSTALLINE SULFATE SALT FORMS OF AN 8-AZABICYCLO[3.2.1]OCTANE COMPOUND**  
[54] **FORMES DE SEL DE SULFATE CRISTALLIN D'UN COMPOSE 8-AZABICYCLO[3.2.1]OCTANE**  
[72] DALZIEL, SEAN, US  
[72] PREZA, LETICIA M., US  
[72] RAPTA, MIROSLAV, US  
[72] COLSON, PIERRE-JEAN, US  
[73] THERAVANCE BIOPHARMA R&D IP, LLC, US  
[85] 2009-08-13  
[86] 2008-02-27 (PCT/US2008/002583)  
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[13] C

[51] **Int.Cl. H04L 12/24 (2006.01)**  
[25] EN  
[54] **DISTRIBUTED NETWORK MANAGEMENT SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE DE GESTION DE RESEAU REPARTI**  
[72] ALVES, RICARDO E., US  
[72] BODNER, RENATA F., US  
[72] CEREJA, NEVTON, US  
[72] LISS, JONATHAN M., US  
[72] SABET, SAMEH A., US  
[73] TYCO ELECTRONICS SUBSEA COMMUNICATIONS LLC, US  
[85] 2009-07-28  
[86] 2008-02-15 (PCT/US2008/054100)  
[87] (WO2008/101169)  
[30] US (60/890,155) 2007-02-15

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[13] C

[51] **Int.Cl. A61K 33/14 (2006.01) A61J 1/05 (2006.01) A61K 31/19 (2006.01) A61K 31/7004 (2006.01) A61K 33/10 (2006.01) A61P 7/04 (2006.01) A61P 41/00 (2006.01) A61P 43/00 (2006.01)**  
[25] EN  
[54] **AGENT FOR PREVENTING BLEEDING FROM CEREBRAL CORTICAL VEIN**  
[54] **AGENT POUR EMPECHER UNE HEMORRAGIE DE LA VEINE CORTICALE CEREBRALE**  
[72] FUJITA, YASUTAKA, JP  
[72] DOI, KAZUHISA, JP  
[72] KAMIKAWA, SHUJI, JP  
[73] OTSUKA PHARMACEUTICAL FACTORY, INC., JP  
[85] 2009-08-06  
[86] 2008-02-05 (PCT/JP2008/051804)  
[87] (WO2008/096722)  
[30] JP (2007-028975) 2007-02-08

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[13] C

[51] **Int.Cl. C09J 7/02 (2006.01) A47G 27/04 (2006.01) B65H 37/00 (2006.01) E04F 15/02 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR FLOOR COVERING INSTALLATION**  
[54] **SYSTEME ET PROCEDE POUR UNE INSTALLATION DE REVETEMENT DE SOL**  
[72] ZAH, CHUNG-HSIEN, US  
[72] GRAY, KEITH N., US  
[72] HENSLER, CONNIE D., US  
[72] FEZER, SUSAN F., US  
[72] BRADLEY, HORACE EDDIE, JR., US  
[73] INTERFACE, INC., US  
[85] 2009-08-20  
[86] 2008-03-27 (PCT/US2008/058361)  
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January 5, 2016**

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[13] C

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[25] EN

[54] **SOLID PHARMACEUTICAL AND VACCINE DOSE**

[54] **DOSE VACCINALE ET PHARMACEUTIQUE SOLIDE**

[72] POTTER, CHARLES DAVID  
OGILVY, GB

[72] NABAHI, SHOHRE, GB

[73] GLIDE PHARMACEUTICAL TECHNOLOGIES LIMITED, GB

[85] 2009-08-21

[86] 2008-02-20 (PCT/GB2008/000589)

[87] (WO2008/102136)

[30] GB (0703507.4) 2007-02-22

[30] GB (0723310.9) 2007-11-28

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[13] C

[51] **Int.Cl. G06Q 20/40 (2012.01) H04N 21/441 (2011.01) G06Q 20/34 (2012.01)**

[25] EN

[54] **PROCESS FOR CARRYING OUT A TRANSACTION BETWEEN A PAYMENT MODULE AND A SECURITY MODULE**

[54] **PROCEDE POUR EFFECTUER UNE TRANSACTION ENTRE UN MODULE DE PAIEMENT ET UN MODULE DE SECURITE**

[72] KUDELSKI, HENRI, CH

[73] NAGRAVISION S.A., CH

[85] 2009-08-21

[86] 2008-02-26 (PCT/EP2008/052285)

[87] (WO2008/104527)

[30] EP (07103102.5) 2007-02-27

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[13] C

[51] **Int.Cl. H04W 36/38 (2009.01) H04W 36/24 (2009.01) H04W 76/02 (2009.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR HANDOFF BETWEEN ACCESS SYSTEMS**

[54] **PROCEDE ET APPAREIL POUR TRANSFERT ENTRE DES SYSTEMES D'ACCES**

[72] WANG, JUN, US

[72] TIEDEMANN, EDWARD G., JR., US

[72] NASIELSKI, JOHN WALLACE, US

[72] AHMAVAARA, KALLE I., US

[72] CASACCIA, LORENZO, US

[72] TINNAKORNSRISUPHAP, PEERAPOL, US

[73] QUALCOMM INCORPORATED, US

[85] 2009-08-25

[86] 2008-03-13 (PCT/US2008/056801)

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[30] US (60/895,365) 2007-03-16

[30] US (12/047,234) 2008-03-12

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[13] C

[51] **Int.Cl. H04B 7/185 (2006.01) H04B 7/06 (2006.01) H04B 7/08 (2006.01)**

[25] EN

[54] **SATELLITE BEAM-POINTING ERROR CORRECTION IN DIGITAL BEAM-FORMING ARCHITECTURE**

[54] **CORRECTION D'ERREUR DE POINTAGE DE FAISCEAU SATELLITE DANS UNE ARCHITECTURE DE FORMATION DE FAISCEAU NUMERIQUE**

[72] CRAIG, ANTHONY DUNCAN, GB

[72] NORRIDGE, PAUL STEPHEN, GB

[73] ASTRUM LIMITED, GB

[85] 2009-08-25

[86] 2008-02-29 (PCT/GB2008/050139)

[87] (WO2008/107710)

[30] GB (0704189.0) 2007-03-03

[30] EP (07250900.3) 2007-03-05

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[13] C

[51] **Int.Cl. B01J 23/42 (2006.01) B01J 23/89 (2006.01) B01J 29/72 (2006.01) B01J 29/74 (2006.01) B01J 35/00 (2006.01) B01J 35/04 (2006.01)**

[25] EN

[54] **BIFUNCTIONAL CATALYSTS FOR SELECTIVE AMMONIA OXIDATION**

[54] **CATALYSEURS BIFONCTIONNELS POUR OXYDATION D'AMMONIAC SELECTIVE**

[72] CAUDLE, MATTHEW TYLER, US

[72] DIETERLE, MARTIN, US

[72] ROTH, STANLEY A., US

[72] XUE, WEN-MEI, US

[73] BASF CATALYSTS LLC, US

[85] 2009-08-26

[86] 2008-02-27 (PCT/US2008/055148)

[87] (WO2008/106523)

[30] US (60/891,835) 2007-02-27

[30] US (12/038,459) 2008-02-27

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[13] C

[51] **Int.Cl. C07D 213/85 (2006.01) A61K 31/4412 (2006.01) A61K 31/4418 (2006.01) A61K 31/443 (2006.01) A61K 31/4436 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61P 25/22 (2006.01) C07D 401/04 (2006.01) C07D 401/06 (2006.01) C07D 401/10 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 405/06 (2006.01) C07D 409/04 (2006.01)**

[25] EN

[54] **1,4-DISUBSTITUTED 3-CYANO-PYRIDONE DERIVATIVES AND THEIR USE AS POSITIVE MGLUR2-RECEPTOR MODULATORS**

[54] **DERIVES DE 3-CYANO-PYRIDONE 1,4 DISUBSTITUES ET LEUR UTILISATION COMME MODULATEURS POSITIFS DES RECEPTEURS MGLUR2**

[72] CID-NUNEZ, JOSE MARIA, ES

[72] TRABANCO-SUAREZ, ANDRES AVELINO, ES

[72] MACDONALD, GREGOR JAMES, BE

[72] DUVEY, GUILLAUME ALBERT JACQUES, CH

[72] LUETJENS, ROBERT JOHANNES, CH

[73] ADDEX PHARMA S.A., CH

[73] JANSSEN PHARMACEUTICALS, INC, US

[85] 2009-09-04

[86] 2008-03-07 (PCT/EP2008/052767)

[87] (WO2008/107480)

[30] EP (07103654.5) 2007-03-07

[30] EP (PCT/EP2007/052442) 2007-03-15

[30] EP (07116402.4) 2007-09-14

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[11] **2,680,512**  
[13] C

[51] **Int.Cl. A61F 2/42 (2006.01) A61F 2/00 (2006.01)**

[25] EN

[54] **OSTEOSYNTHESIS DEVICE**

[54] **DISPOSITIF D'OSTEOSYNTHESE**

[72] PRANDI, BERNARD, FR

[72] BELLEMERE, PHILIPPE, FR

[72] AUGOYARD, MARC, FR

[72] PEYROT, JACQUES, FR

[72] MEUSNIER, TRISTAN, FR

[73] MEMOMETAL TECHNOLOGIES, FR

[85] 2009-09-10

[86] 2008-03-14 (PCT/FR2008/050453)

[87] (WO2008/129214)

[30] FR (0702003) 2007-03-20

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[11] **2,681,127**  
[13] C

[51] **Int.Cl. H04W 36/02 (2009.01) H04L 12/953 (2013.01)**

[25] EN

[54] **BASE STATION, MOBILE STATION, COMMUNICATION SYSTEM, AND REORDERING METHOD THEREOF**

[54] **STATION DE BASE, STATION MOBILE, SYSTEME DE COMMUNICATION ET PROCEDE DE REORDONNANCEMENT DE CEUX-CI**

[72] OHTA, YOSHIKI, JP

[73] FUJITSU LIMITED, JP

[85] 2009-09-16

[86] 2007-03-22 (PCT/JP2007/055800)

[87] (WO2008/117346)

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[13] C

[51] **Int.Cl. B32B 5/26 (2006.01) B23B 5/28 (2006.01) F41H 5/04 (2006.01)**

[25] EN

[54] **COMPOSITE BALLISTIC FABRIC STRUCTURES**

[54] **STRUCTURES DE TISSUS BALISTIQUES COMPOSITES**

[72] ARVIDSON, BRIAN D., US

[72] ARDIFF, HENRY G., US

[72] BHATNAGAR, ASHOK, US

[72] HURST, DAVID A., US

[72] WAGNER, LORI L., US

[73] HONEYWELL INTERNATIONAL INC., US

[85] 2009-09-17

[86] 2008-03-18 (PCT/US2008/057330)

[87] (WO2008/124257)

[30] US (11/726,068) 2007-03-21

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[13] C

[51] **Int.Cl. A62D 3/19 (2007.01)**

[25] EN

[54] **METHOD FOR TREATING SPENT POT LINER**

[54] **PROCEDE DE TRAITEMENT D'UN GARNISSEUR DE CREUSETS USE**

[72] CHAPMAN, CHRIS, GB

[72] LY, HAO, GB

[72] DEEGAN, DAVID, GB

[73] TETRONICS (INTERNATIONAL) LIMITED, GB

[85] 2009-09-23

[86] 2008-03-26 (PCT/GB2008/001037)

[87] (WO2008/117044)

[30] GB (0705818.3) 2007-03-26

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[11] **2,682,448**  
[13] C

[51] **Int.Cl. H02G 3/08 (2006.01) H02G 3/12 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR FINISHED INSTALLATION OF ELECTRICAL OUTLET BOX WITHOUT USE OF EXTERNAL COVER PLATE**

[54] **PROCEDE ET APPAREIL POUR L'INSTALLATION FINIE D'UNE BOITE DE SORTIE ELECTRIQUE SANS PLAQUE DE RECOUVREMENT EXTERNE**

[72] ARBEL, OMER, CA

[73] BOCCI DESIGN & MANUFACTURING INC., CA

[85] 2009-09-29

[86] 2008-03-31 (PCT/CA2008/000610)

[87] (WO2008/119180)

[30] US (11/731,107) 2007-03-30

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[11] **2,682,863**  
[13] C

[51] **Int.Cl. E21B 21/06 (2006.01) E21B 43/26 (2006.01) E21B 43/267 (2006.01)**

[25] EN

[54] **USE OF A CHOPPER MECHANISM TO ADD FIBERS TO A WELL**

[54] **UTILISATION D'UN MECANISME HACHEUR POUR AJOUTER DES FIBRES A UN Puits**

[72] LEUGEMORS, ED, US

[72] ABBAS, RAAFAT, CA

[72] RHEIN-KNUDSEN, ERIK, FR

[72] MCINTIRE, WILLIAM R., US

[72] PESSIN, JEAN-LOUIS, US

[73] SCHLUMBERGER CANADA LIMITED, CA

[85] 2009-10-02

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[30] US (11/696,999) 2007-04-05

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January 5, 2016**

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[13] C

[51] **Int.Cl. A61K 47/48 (2006.01)**  
[25] EN  
[54] **BRIDGED POLYCYCLIC COMPOUND BASED COMPOSITIONS FOR THE INHIBITION AND AMELIORATION OF DISEASE**  
[54] **COMPOSITIONS A BASE DE COMPOSES POLYCYCLIQUES PONTES POUR L'INHIBITION ET LE TRAITEMENT DE MALADIES**  
[72] WHITEFORD, JEFFERY A., US  
[73] ALLACCEM, INCORPORATED, US  
[85] 2009-10-02  
[86] 2008-02-21 (PCT/US2008/054611)  
[87] (WO2008/103847)  
[30] US (60/902,577) 2007-02-21  
[30] US (60/964,312) 2007-08-10  
[30] US (60/965,154) 2007-08-17  
[30] US (61/029,332) 2008-02-16

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[11] **2,683,449**  
[13] C

[51] **Int.Cl. H04M 3/56 (2006.01) H04W 4/16 (2009.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR GENERATING A CALLING LIST FOR A CONFERENCE CALL**  
[54] **PROCEDES ET SYSTEMES DE GENERATION D'UNE LISTE D'APPEL POUR LA TENUE D'UNE TELECONFERENCE**  
[72] LABRADOR, CHRISTOPHER, CA  
[72] GISBY, DOUGLAS, US  
[72] ANDREW, KEVIN, US  
[72] ALFANO, NICHOLAS, GB  
[73] BLACKBERRY LIMITED, CA  
[86] (2683449)  
[87] (2683449)  
[22] 2009-10-23  
[30] US (12/266,062) 2008-11-06  
[30] EP (09153258.0) 2009-02-19

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[11] **2,683,683**  
[13] C

[51] **Int.Cl. F03B 13/26 (2006.01) F03B 17/06 (2006.01)**  
[25] EN  
[54] **A METHOD OF INSTALLING A SUBMERGED TIDAL HYDROELECTRIC TURBINE**  
[54] **PROCEDE D'INSTALLATION D'UNE TURBINE HYDROELECTRIQUE SUBMERGEE UTILISANT LA MAREE**  
[72] IVES, JAMES, IE  
[72] DUNNE, PAUL, IE  
[73] OPENHYDRO GROUP LIMITED, IE  
[85] 2009-10-13  
[86] 2008-04-11 (PCT/EP2008/002870)  
[87] (WO2008/125286)  
[30] EP (07007403.4) 2007-04-11

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[11] **2,683,723**  
[13] C

[51] **Int.Cl. A61B 5/16 (2006.01) A61B 3/00 (2006.01)**  
[25] EN  
[54] **UNITARY VISION AND COORDINATION TESTING CENTER**  
[54] **CENTRE DE TEST AUTONOME PERMETTANT DE TESTER LA VISION ET LA COORDINATION**  
[72] REICHOW, ALAN W., US  
[72] COULTER, RYAN, US  
[73] NIKE INNOVATE C.V., US  
[85] 2009-10-13  
[86] 2008-04-14 (PCT/US2008/060244)  
[87] (WO2008/128187)  
[30] US (60/923,434) 2007-04-13  
[30] US (60/941,915) 2007-06-04

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[11] **2,683,725**  
[13] C

[51] **Int.Cl. A61B 3/032 (2006.01) A61B 5/16 (2006.01) G09B 23/28 (2006.01)**  
[25] EN  
[54] **UNITARY VISION AND NEURO-PROCESSING TESTING CENTER**  
[54] **CENTRE DE TEST AUTONOME DE VISION ET DE NEURO-TRAITEMENT**  
[72] REICHOW, ALAN W., US  
[72] COULTER, RYAN, US  
[73] NIKE INNOVATE C.V., US  
[85] 2009-10-13  
[86] 2008-04-14 (PCT/US2008/060249)  
[87] (WO2008/128190)  
[30] US (60/923,434) 2007-04-13  
[30] US (60/941,915) 2007-06-04

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[11] **2,683,779**  
[13] C

[51] **Int.Cl. A61K 31/137 (2006.01) A61P 25/04 (2006.01)**  
[25] EN  
[54] **TAPENTADOL FOR TREATING PAIN DUE TO OSTEOARTHRITIS**  
[54] **TAPENTADOL UTILISE POUR TRAITER LES DOULEURS LIEES A L'ARTHROSE**  
[72] LANGE, CLAUDIA, DE  
[72] ROMBOUT, FERDINAND, NL  
[73] GRUENENTHAL GMBH, DE  
[85] 2009-10-14  
[86] 2008-04-21 (PCT/EP2008/003177)  
[87] (WO2008/128739)  
[30] DE (10 2007 019 417.1) 2007-04-23

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[11] **2,684,284**  
[13] C

[51] **Int.Cl. B65F 1/08 (2006.01) A47K 10/24 (2006.01) A47K 10/32 (2006.01) A47K 10/46 (2006.01) B65D 25/02 (2006.01)**  
[25] EN  
[54] **INSERT FOR A CONTAINER**  
[54] **GARNITURE POUR RECIPIENT**  
[72] BABIKIAN, DIKRAN S., US  
[72] WELLS, MARVIN C., US  
[73] BOBRICK WASHROOM EQUIPMENT, INC., US  
[85] 2009-10-15  
[86] 2008-03-11 (PCT/US2008/056550)  
[87] (WO2008/127817)  
[30] US (11/787,279) 2007-04-16

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[11] **2,684,388**  
[13] C

[51] **Int.Cl. E04B 1/70 (2006.01)**  
[25] EN  
[54] **FRAMED WALL CONSTRUCTION AND METHOD**  
[54] **CONSTRUCTION DE PAROI ENCADREE ET PROCEDE**  
[72] GLEESON, JAMES, AU  
[72] PECNIK, ROGER, AU  
[73] JAMES HARDIE TECHNOLOGY LIMITED, IE  
[85] 2009-09-18  
[86] 2008-03-20 (PCT/AU2008/000411)  
[87] (WO2008/113136)  
[30] AU (2007901491) 2007-03-21

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[13] C

[51] **Int.Cl. H04W 28/06 (2009.01) H04W 88/02 (2009.01) H04W 88/08 (2009.01)**

[25] EN

[54] **BASE STATION, MOBILE STATION, COMMUNICATION SYSTEM, TRANSMISSION METHOD AND REORDERING METHOD**

[54] **STATION DE BASE, STATION MOBILE, SYSTEME DE COMMUNICATION, PROCEDE DE TRANSMISSION ET PROCEDE DE REORDONNANCEMENT**

[72] OHTA, YOSHIKI, JP  
[72] TAJIMA, YOSHIHARU, JP  
[72] OBUCHI, KAZUHISA, JP  
[72] KAWASAKI, YOSHIHIRO, JP  
[72] TANAKA, YOSHINORI, JP  
[72] SUGIYAMA, KATSUMASA, JP  
[73] FUJITSU LIMITED, JP  
[85] 2009-10-20  
[86] 2007-04-26 (PCT/JP2007/059037)  
[87] (WO2008/136115)

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[11] **2,685,825**  
[13] C

[51] **Int.Cl. C03B 9/353 (2006.01)**

[25] EN

[54] **APPARATUS FOR OPENING AND CLOSING MOLDS IN A GLASSWARE FORMING MACHINE**

[54] **APPAREIL POUR OUVRIR ET FERMER DES MOULES DANS UNE MACHINE DE FORMATION D'ARTICLES EN VERRE**

[72] CRAMER, JEFFREY W., US  
[73] OWENS-BROCKWAY GLASS CONTAINER INC., US  
[85] 2009-10-30  
[86] 2008-04-29 (PCT/US2008/005500)  
[87] (WO2008/140681)  
[30] US (11/803,973) 2007-05-16

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[11] **2,686,035**  
[13] C

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

[25] EN

[54] **ROBUST RAPID DISINTEGRATION TABLET FORMULATION**

[54] **FORMULATION DE COMPRIMES ROBUSTES A DESINTEGRATION RAPIDE**

[72] DURIG, THOMAS, US  
[73] HERCULES INCORPORATED, US  
[85] 2009-11-03  
[86] 2008-05-08 (PCT/US2008/005978)  
[87] (WO2008/140772)  
[30] US (60/928,125) 2007-05-08

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[11] **2,686,725**  
[13] C

[51] **Int.Cl. B64D 11/02 (2006.01)**

[25] EN

[54] **AIRCRAFT TOILET FACILITY**

[54] **INSTALLATION DE TOILETTES POUR AVION**

[72] LYNAS, CHRISTOPHER, GB  
[73] AIRBUS OPERATIONS LIMITED, GB  
[85] 2009-11-02  
[86] 2008-04-23 (PCT/GB2008/050284)  
[87] (WO2008/139212)  
[30] GB (0708891.7) 2007-05-09

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[11] **2,686,878**  
[13] C

[51] **Int.Cl. A01M 7/00 (2006.01) A01B 49/04 (2006.01) A01C 23/00 (2006.01)**

[25] EN

[54] **SYSTEMS, COMPONENTS, AND METHODS FOR DELIVERING LIQUID SUBSTANCES**

[54] **SYSTEMES, COMPOSANTS ET PROCEDES POUR DISTRIBUER DES SUBSTANCES LIQUIDES**

[72] DULL, LAWRENCE, US  
[72] MEISNER, WALTER, US  
[72] JENKINS, JOSHUA, US  
[72] MACK, DUSTIN, US  
[73] SYNGENTA PARTICIPATIONS AG, CH  
[85] 2009-11-09  
[86] 2007-11-16 (PCT/US2007/084899)  
[87] (WO2008/140575)  
[30] US (60/917,360) 2007-05-11

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[11] **2,686,926**  
[13] C

[51] **Int.Cl. C07D 413/06 (2006.01) A61P 25/24 (2006.01) C07D 211/58 (2006.01) C07D 401/12 (2006.01) C07D 471/02 (2006.01)**

[25] EN

[54] **NOVEL CARBAMOYLOXY ARYLALKANOYL ARYLPIPERAZINE COMPOUND, PHARMACEUTICAL COMPOSITIONS COMPRISING THE COMPOUND AND METHOD FOR TREATING PAIN, ANXIETY AND DEPRESSION BY ADMINISTERING THE COMPOUND**

[54] **NOUVEAU COMPOSE CARBAMOYLOXY ARYLALCANOYL ARYLPIPERAZINE, COMPOSITIONS PHARMACEUTIQUES COMPRENANT CE COMPOSE ET METHODE DE TRAITEMENT DE LA DOULEUR, DE L'ANXIETE ET DE LA DEPRESSION COMPRENANT L'ADMINISTRATION DE CE COMPOSE**

[72] KWAK, BYONG SUNG, KR  
[72] MOON, HONG SIK, KR  
[72] YI, HAN-JU, KR  
[72] KANG, YOUNG SOON, KR  
[72] IM, DAE JOONG, KR  
[72] CHAE, EUN HEE, KR  
[72] CHAE, SANG MI, KR  
[72] LEE, KI HO, KR  
[73] SK BIOPHARMACEUTICALS CO., LTD., KR  
[85] 2009-11-09  
[86] 2008-04-30 (PCT/KR2008/002470)  
[87] (WO2008/140198)  
[30] KR (10-2007-0046708) 2007-05-14

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[13] C

[51] **Int.Cl. A23G 9/38 (2006.01) A23G 9/32 (2006.01) A23G 9/46 (2006.01)**  
[25] EN  
[54] **FROZEN AERATED CONFECTION AND ITS MANUFACTURING PROCESS**  
[54] **CONFISERIE AEREE CONGEELEE ET PROCEDE DE FABRICATION**  
[72] BIALEK, JADWIGA MALGORZATA, NL  
[72] JUDGE, DAVID JOHN, GB  
[72] UNDERDOWN, JEFFREY, GB  
[73] UNILEVER PLC, GB  
[85] 2009-11-09  
[86] 2008-05-01 (PCT/EP2008/055402)  
[87] (WO2008/138772)  
[30] EP (07107851.3) 2007-05-09

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[11] **2,687,074**  
[13] C

[51] **Int.Cl. A01G 23/00 (2006.01) B27L 1/02 (2006.01)**  
[25] EN  
[54] **ARRANGEMENT FOR HARVESTING**  
[54] **DISPOSITIF POUR RECOLTE**  
[72] ROMO, PASI, FI  
[73] FIXTERI OY, FI  
[85] 2009-11-10  
[86] 2007-05-28 (PCT/FI2007/050302)  
[87] (WO2007/138165)  
[30] FI (20065358) 2006-05-29

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[11] **2,687,095**  
[13] C

[51] **Int.Cl. G01V 1/36 (2006.01)**  
[25] EN  
[54] **METHOD FOR IDENTIFYING AND REMOVING MULTIPLES FOR IMAGING WITH BEAMS**  
[54] **PROCEDE D'IDENTIFICATION ET D'ELIMINATION DE MULTIPLES POUR L'IMAGERIE AVEC FAISCEAUX**  
[72] NEMETH, TAMAS, US  
[72] WANG, YUE, US  
[72] QIN, FUHAO, US  
[72] HILL, ROSS N., US  
[73] CHEVRON U.S.A. INC., US  
[85] 2009-11-10  
[86] 2008-05-07 (PCT/US2008/062877)  
[87] (WO2008/147657)  
[30] US (11/751,975) 2007-05-22

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[11] **2,687,547**  
[13] C

[51] **Int.Cl. A61F 9/01 (2006.01) A61B 3/103 (2006.01)**  
[25] EN  
[54] **NOMOGRAM COMPUTATION AND APPLICATION SYSTEM AND METHOD FOR REFRACTIVE LASER SURGERY**  
[54] **CALCUL DE NOMOGRAMME ET SYSTEME ET PROCEDE D'APPLICATION POUR LA CHIRURGIE REFRACTIVE AU LASER**  
[72] CAMPIN, JOHN ALFRED, US  
[72] PETTIT, GEORGE H., US  
[73] ALCON REFRACTIVEHORIZONS, INC., US  
[85] 2009-11-17  
[86] 2008-06-02 (PCT/US2008/065494)  
[87] (WO2008/151111)  
[30] US (11/758,425) 2007-06-05

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[11] **2,687,621**  
[13] C

[51] **Int.Cl. A61B 17/062 (2006.01) A61B 17/04 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR MINIMALLY INVASIVE SUTURING**  
[54] **APPAREIL ET PROCEDE DE SUTURE MINIMALEMENT INVASIVE**  
[72] MEADE, JOHN C., US  
[72] GRIFFITHS, JERRY R., US  
[72] DIFRANCESCO, FRANCIS J., US  
[72] CLARK, RICHARD, US  
[73] ENDOEVOLUTION, LLC, US  
[85] 2009-11-16  
[86] 2008-05-23 (PCT/US2008/006674)  
[87] (WO2008/147555)  
[30] US (60/939,887) 2007-05-24

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[11] **2,687,696**  
[13] C

[51] **Int.Cl. H02J 3/04 (2006.01) H02M 1/12 (2006.01)**  
[25] EN  
[54] **DYNAMIC VOLTAGE SAG CORRECTION**  
[54] **CORRECTION DE CHUTE DE TENSION DYNAMIQUE**  
[72] SCHNEIDER, ROBERT S., US  
[72] BRUMSICKLE, WILLIAM E., US  
[73] ROCKWELL AUTOMATION, INC., US  
[85] 2009-11-09  
[86] 2008-05-08 (PCT/US2008/063067)  
[87] (WO2008/141092)  
[30] US (60/917,441) 2007-05-11  
[30] US (60/938,054) 2007-05-15  
[30] US (11/835,000) 2007-08-07

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[11] **2,687,768**  
[13] C

[51] **Int.Cl. H04N 7/18 (2006.01) G08B 13/196 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MONITORING AN ENVIRONMENT**  
[54] **PROCEDE ET SYSTEME POUR SURVEILLER UN ENVIRONNEMENT**  
[72] GENNARI, GIAMBATTISTA, IT  
[72] RACCANELLI, GIORGIO, IT  
[72] FREZZA, RUGGERO, IT  
[72] CENEDESE, ANGELO, IT  
[72] D'ALESSI, FABIO, IT  
[73] VIDEOTEC S.P.A., IT  
[85] 2009-11-19  
[86] 2008-05-09 (PCT/IB2008/001172)  
[87] (WO2008/142504)  
[30] IT (MI2007A001016) 2007-05-19

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[11] **2,688,485**  
[13] C

[51] **Int.Cl. C07D 207/32 (2006.01) A61K 31/402 (2006.01) A61P 25/00 (2006.01) C07D 207/34 (2006.01) C07D 207/36 (2006.01) C07D 207/38 (2006.01) C07D 207/40 (2006.01) C07D 207/42 (2006.01)**

[25] EN

[54] **PHENYL PYRROLE AMINOGUANIDINE DERIVATIVES**

[54] **DERIVES DE PHENYL PYRROLE AMINOGUANIDINE**

[72] BOMAN, ARNE, SE

[72] JONASSEN, THOMAS  
ENGELBRECHT NORKILD, DK

[72] LUNDSTEDT, TORBJOERN, SE

[73] SYNACT PHARMA APS, DK

[85] 2009-11-25

[86] 2007-06-11 (PCT/EP2007/055715)

[87] (WO2007/141343)

[30] DK (PA 2006 00780) 2006-06-09

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[11] **2,689,079**  
[13] C

[51] **Int.Cl. A61K 31/353 (2006.01) A61K 36/48 (2006.01) A61P 19/10 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **EQUOL-CONTAINING EXTRACT, METHOD FOR PRODUCTION THEREOF, METHOD FOR EXTRACTION OF EQUOL, AND EQUOL-CONTAINING FOOD**

[54] **EXTRAIT CONTENANT DE L'EQUOL, SON PROCEDE DE PRODUCTION, PROCEDE D'EXTRACTION DE L'EQUOL, ET ALIMENT CONTENANT DE L'EQUOL**

[72] TOMINAGA, MICHIAKI, JP

[72] TAKI, TAKAO, JP

[72] MATSUMOTO, TOSHIKI, JP

[72] HANYA, IZUMI, JP

[72] IMADA, TAKUMA, JP

[72] MATSUOKA, KUNIHICO, JP

[72] KISHIMOTO, TAKUYA, JP

[72] UCHIYAMA, YUKO, JP

[72] TSUNEISHI, HIROMASA, JP

[72] TSUJI, MACHIKO, JP

[72] VALDES-GONZALEZ, TANIA, JP

[72] TADANO, KENTARO, JP

[72] KAMEDA, KYOKO, JP

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

[85] 2009-11-30

[86] 2008-06-13 (PCT/JP2008/060913)

[87] (WO2008/153158)

[30] JP (2007-156822) 2007-06-13

[30] JP (2007-156825) 2007-06-13

[30] JP (2007-156833) 2007-06-13

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[11] **2,690,954**  
[13] C

[51] **Int.Cl. G01V 1/48 (2006.01)**

[25] EN

[54] **VELOCITY MODEL FOR WELL TIME-DEPTH CONVERSION**

[54] **MODELE DE VITESSE POUR LA CONVERSION TEMPS-PROFONDEUR DANS UN Puits**

[72] BJERKHOLT, BORRE, NO

[73] SCHLUMBERGER CANADA LIMITED, CA

[86] (2690954)

[87] (2690954)

[22] 2010-01-25

[30] US (61/149,884) 2009-02-04

[30] US (12/684,242) 2010-01-08

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[11] **2,691,180**  
[13] C

[51] **Int.Cl. H01R 13/64 (2006.01)**

[25] EN

[54] **CONNECTOR ASSEMBLY WITH GRIPPING SLEEVE**

[54] **ASSEMBLAGE DE CONNECTEUR AVEC MANCHON AGRIPPANT**

[72] CHEN, WEIXING, CN

[72] PAGLIA, RICHARD A., US

[72] GU, MINGHUA, CN

[73] AMPHENOL CORPORATION, US

[85] 2009-12-18

[86] 2008-06-20 (PCT/US2008/067727)

[87] (WO2008/157783)

[30] US (60/929,266) 2007-06-20

[30] US (12/003,108) 2007-12-20

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[11] **2,691,529**  
[13] C

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4709 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01) C07D 519/00 (2006.01)**

[25] EN

[54] **QUINOLINE COMPOUNDS SUITABLE FOR TREATING DISORDERS THAT RESPOND TO MODULATION OF THE SEROTONIN 5-HT<sub>6</sub> RECEPTOR**

[54] **COMPOSES DE QUINOLEINE APPROPRIES POUR TRAITER LES AFFECTIONS SENSIBLES A LA MODULATION DES RECEPTEURS SEROTONINERGIQUES 5-HT<SB>6</SB>**

[72] TURNER, SEAN COLM, DE

[72] BRAJE, WILFRIED, DE

[72] HAUPT, ANDREAS, DE

[72] LANGE, UDO, DE

[72] DRESCHER, KARLA, DE

[72] WICKE, KARSTEN, DE

[72] UNGER, LILIANE, DE

[72] MEZLER, MARIO, DE

[72] WERNET, WOLFGANG, DE

[72] MAYRER, MATTHIAS, DE

[73] ABBVIE DEUTSCHLAND GMBH & CO KG, DE

[85] 2009-12-17

[86] 2008-08-06 (PCT/EP2008/060335)

[87] (WO2009/019286)

[30] EP (07113962.0) 2007-08-07

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January 5, 2016**

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[11] **2,691,675**  
[13] C

[51] **Int.Cl. F16K 15/06 (2006.01)**  
[25] EN  
[54] **CHECK VALVE**  
[54] **SOUPAPE ANTI-RETOUR**  
[72] HO, THANO, US  
[73] BENDIX COMMERCIAL VEHICLE  
SYSTEMS LLC, US  
[85] 2009-12-18  
[86] 2008-03-06 (PCT/US2008/055980)  
[87] (WO2009/002576)  
[30] US (11/767,159) 2007-06-22

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[11] **2,692,191**  
[13] C

[51] **Int.Cl. A61K 47/48 (2006.01) A61P  
17/00 (2006.01) A61P 17/06 (2006.01)  
A61P 35/00 (2006.01)**  
[25] EN  
[54] **USE OF CONJUGATES OF  
HYALURONIC ACID IN THE  
LOCAL TREATMENT OF  
HYPERPROLIFERATIVE SKIN  
DISEASES**  
[54] **UTILISATION DE CONJUGUES  
D'ACIDE D'HYALURONIQUE  
DANS LE TRAITEMENT LOCAL  
DE MALADIES DE PEAU  
HYPERPROLIFERATIVES**  
[72] RENIER, DAVIDE, IT  
[72] PANFILO, SUSY, IT  
[73] FIDIA FARMACEUTICI S.P.A., IT  
[85] 2009-12-21  
[86] 2008-06-19 (PCT/IB2008/001706)  
[87] (WO2009/001209)  
[30] IT (MI2007A 001267) 2007-06-22

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[11] **2,692,778**  
[13] C

[51] **Int.Cl. G02B 1/04 (2006.01) A61L  
12/08 (2006.01)**  
[25] EN  
[54] **CONTACT LENS PRODUCTS**  
[54] **PRODUITS DE LENTILLES DE  
CONTACT**  
[72] PRUITT, JOHN DALLAS, US  
[72] WINTERTON, LYNN COOK, US  
[73] NOVARTIS AG, CH  
[85] 2010-01-07  
[86] 2008-08-27 (PCT/US2008/010159)  
[87] (WO2009/032132)  
[30] US (60/969,339) 2007-08-31

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[11] **2,693,493**  
[13] C

[51] **Int.Cl. B08B 3/08 (2006.01) B01D  
41/04 (2006.01) B08B 9/00 (2006.01)**  
[25] EN  
[54] **A METHOD FOR CLEANING  
FILTER MEMBRANES**  
[54] **PROCEDE DE NETTOYAGE DES  
MEMBRANES DE FILTRE**  
[72] BESEMER, ARIE CORNELIS, NL  
[72] VAN MASTRIGT, ELMAR, NL  
[72] MEPSCHEN, ANDRE, NL  
[73] X-FLOW B.V., NL  
[85] 2010-01-15  
[86] 2008-07-16 (PCT/NL2008/050485)  
[87] (WO2009/017400)  
[30] NL (2000790) 2007-07-31  
[30] NL (2000791) 2007-07-31

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[73] SMITH & NEPHEW PLC, GB  
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[54] **ENSEMBLE CATHODIQUE ET PROCEDE DE GENERATION DE PLASMA PULSE**  
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[54] **GAS EJECTION CONE FOR AN AIRCRAFT TURBOJET EQUIPPED WITH A DEVICE FOR GENERATING TURBULENCE IN A PRIMARY FLOW LIMITING JET NOISE**  
[54] **CONE D'EJECTION DES GAZ POUR TURBOREACTEUR D'AERONEF EQUIPE D'UN DISPOSITIF DE GENERATION DE TURBULENCES DE FLUX PRIMAIRE LIMITANT LE BRUIT DE JET**  
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[54] **DISPOSITIF ET PROCEDE POUR ASSISTER LA REPARATION ET LA REHABILITATION DU TENDON FLECHISSEUR**  
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[54] **ENSEMBLE CONDITIONNEUR D'EAU**  
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[54] **EMBALLAGE BOITIER POUR DISQUE**  
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[54] **METHOD FOR CONTROLLING BANANA AND PLANTAIN QUALITY BY PACKAGING**  
[54] **PROCEDE POUR CONTROLER UNE QUALITE DE BANANES ET DE BANANES PLANTAINS PAR CONDITIONNEMENT**  
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[73] VARRIANO-MARSTON, ELIZABETH, US  
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[25] EN  
[54] **CLEANING DEVICE FOR SEPARATING DILACTIDE FROM MATERIAL MIXTURES, POLYMERISATION DEVICE, METHOD FOR SEPARATING DILACTIDE FROM MATERIAL MIXTURES AND ALSO USE**  
[54] **DISPOSITIF DE NETTOYAGE POUR SEPARER DU DILACTIDE CONTENU DANS DES MELANGES DE SUBSTANCES, DISPOSITIF DE POLYMERISATION, PROCEDE POUR SEPARER DU DILACTIDE CONTENU DANS DES MELANGES DE SUBSTANCES ET UTILISATION CORRESPONDANTE**  
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[54] **CORPS DE FILM SOUPLE MULTICOUCHE**  
[72] LUDWIG, KLAUS, DE  
[72] CLEMENS, WOLFGANG, DE  
[72] SCHAD, JOHANNES, DE  
[73] POLYIC GMBH & CO. KG, DE  
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[54] **APPAREIL ET PROCÉDES DE FORAGE DIRECTIONNEL AUTOMATISÉS**

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[72] ELLIS, BRIAN, US  
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[54] **AGENCEMENT DE L'ENTRAÎNEMENT DANS UNE EXTRUDEUSE-DEGAZEUSE**

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[54] **DEGASSING EXTRUDER FOR DEGASSING A POLYMER MATERIAL AND METHOD FOR DEGASSING A SYRUP CONSISTING OF POLYMERS, SOLVENTS AND/OR MONOMERS USING A DEGASSING EXTRUDER**

[54] **EXTRUDEUSE-DEGAZEUSE DESTINÉE AU DEGAZAGE D'UN MATÉRIAU POLYMERÉ ET PROCÉDE DE DEGAZAGE D'UN SIROP DE POLYMERES, SOLVANTS ET/OU MONOMERES A L'AIDE D'UNE EXTRUDEUSE-DEGAZEUSE**

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[73] EVONIK ROEHM GMBH, DE  
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[54] **SYSTEMES ET METHODES DE SUIVI DU BOIS DÉBITÉ DANS UNE SCIERIE**

[72] BARKER, EARL, US  
[73] WEYERHAEUSER NR COMPANY, US  
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[54] **ÉLIMINATION SÉLECTIVE DE SULFATE PAR ÉCHANGE D'ANIONS EXCLUSIF DANS DES FLUX DE DÉCHET D'EAU DURE**

[72] KRATOCHVIL, DAVID, CA  
[72] BRATTY, MICHAEL, CA  
[73] BIOTEQ ENVIRONMENTAL TECHNOLOGIES INC., CA  
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[54] **ANTICORPS DU RECEPTEUR ANTI-IL-6**

[72] IGAWA, TOMOYUKI, JP  
[72] SAKURAI, MIKA, JP  
[72] KOJIMA, TETSUO, JP  
[72] TACHIBANA, TATSUHIKO, JP  
[72] SHIRAIWA, HIROTAKE, JP  
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[72] NAUMENKO, ANATOLIY, UA  
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[54] **MULTILAYER BODY AND METHOD FOR PRODUCING A MULTILAYER BODY**  
[54] **CORPS MULTICOUCHE ET PROCEDE POUR FABRIQUER UN CORPS MULTICOUCHE**  
[72] SCHILLING, ANDREAS, CH  
[72] TOMPKIN, WAYNE ROBERT, CH  
[73] OVD KINEGRAM AG, CH  
[85] 2010-04-06  
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[54] **INHIBITORS OF KINASE ACTIVITY**  
[54] **INHIBITEURS DE L'ACTIVITE KINASE**  
[72] BURNS, CHRISTOPHER JOHN, AU  
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[72] PALMER, JAMES T., AU  
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[54] **CYTOKINE MUTEINS**  
[54] **MUTEINES DE CYTOKINE**  
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[73] CSL LIMITED, AU  
[85] 2010-04-23  
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[54] **ORODISPERSIBLE COMPOSITION COMPRISING POLYUNSATURATED FATTY ACIDS WITHOUT BAD ODOUR OR TASTE**  
[54] **COMPOSITION ORODISPERSIBLE COMPRENANT DES ACIDES GRAS POLYINSATURES ET NE PRESENTANT NI ODEUR NI GOUT DESAGREABLE**  
[72] KABARADJIAN, CATHERINE, FR  
[73] BAYER CONSUMER CARE AG, CH  
[85] 2010-04-27  
[86] 2008-10-21 (PCT/EP2008/008883)  
[87] (WO2009/056248)  
[30] EP (07291305.6) 2007-10-30

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[13] C

[51] **Int.Cl. A01K 29/00 (2006.01) A61J 17/00 (2006.01) A63H 9/00 (2006.01) B32B 25/10 (2006.01)**  
[25] EN  
[54] **CHEW TOY WITH FABRIC OR FABRIC LAYERING**  
[54] **JOUET A MACHER COMPRENANT DU TISSU OU UNE COUCHE DE TISSU**  
[72] AXELROD, GLEN S., US  
[72] GAJRIA, AJAY, US  
[73] T.F.H. PUBLICATIONS, INC., US  
[85] 2010-04-23  
[86] 2008-11-03 (PCT/US2008/082214)  
[87] (WO2009/059280)  
[30] US (11/933,884) 2007-11-01

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[13] C

[51] **Int.Cl. A61K 31/202 (2006.01) A61K 9/14 (2006.01)**  
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[54] **ORODISPERSIBLE COMPOSITION COMPRISING POLYUNSATURATED FATTY ACIDS WITHOUT BAD ODOUR OR TASTE**  
[54] **COMPOSITION ORODISPERSIBLE COMPRENANT DES ACIDES GRAS POLYINSATURES ET NE PRESENTANT NI ODEUR NI GOUT DESAGREABLE**  
[72] KABARADJIAN, CATHERINE, FR  
[73] BAYER CONSUMER CARE AG, CH  
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[25] EN

[54] **THERMALLY RESISTANT ANAEROBICALLY CURABLE COMPOSITIONS**

[54] **COMPOSITIONS DURCISSABLES EN MILIEU ANAEROBIE THERMIQUEMENT RESISTANTES**

[72] ZHU, QINYAN, US

[72] ATTARWALA, SHABBIR, US

[73] HENKEL IP & HOLDING GMBH, DE

[85] 2010-04-28

[86] 2008-10-28 (PCT/US2008/012197)

[87] (WO2009/058250)

[30] US (60/983,351) 2007-10-29

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[13] C

[51] **Int.Cl. B42D 25/30 (2014.01) B42D 25/324 (2014.01)**

[25] EN

[54] **FILM ELEMENT FOR PROTECTING AN OBJECT**

[54] **ELEMENT SOUS FORME DE FILM SERVANT A PROTEGER UN OBJET**

[72] HANSEN, ACHIM, CH

[72] STREB, CHRISTINA, CH

[73] OVD KINEGRAM AG, CH

[85] 2010-04-28

[86] 2008-10-29 (PCT/EP2008/009120)

[87] (WO2009/056285)

[30] DE (10 2007 052 174.1) 2007-10-30

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[51] **Int.Cl. C03C 25/10 (2006.01)**

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[54] **PROCESS FOR MANUFACTURING AN OPTICAL FIBER AND AN OPTICAL FIBER SO OBTAINED**

[54] **PROCEDE DE FABRICATION D'UNE FIBRE OPTIQUE ET FIBRE OPTIQUE AINSI OBTENUE**

[72] SCHIAFFO, ANTONIO, IT

[72] COCCHINI, FRANCO, IT

[72] SCAFURO, NICOLA, IT

[72] GALASSO, GIUSEPPE, IT

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

[85] 2010-04-30

[86] 2007-11-06 (PCT/EP2007/061946)

[87] (WO2009/059636)

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[25] EN

[54] **MN/CA IX-ANTIBODY BINDING SPECIFICALLY TO NON-IMMUNODOMINANT EPITOPE OF MN/CA IX AND USES THEREOF**

[54] **ANTICORPS DIRIGE CONTRE MN/CA IX SE LIANT SPECIFIQUEMENT A UN EPITOPE NON IMMUNODOMINANT DE MN/CA IX ET LES UTILISATIONS DUDIT ANTICORPS**

[72] PASTOREK, JAROMIR, SK

[72] PASTOREKOVA, SILVIA, SK

[72] ZATOVICOVA, MIRIAM, SK

[72] ZAVADA, JAN, CZ

[72] ORTOVA GUT, MARTA, CZ

[72] ZAVADOVA, ZUZANNA, CZ

[73] INSTITUTE OF VIROLOGY, SK

[86] (2704273)

[87] (2704273)

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[51] **Int.Cl. G08G 1/01 (2006.01)**

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[54] **TRAFFIC MONITORING SYSTEM**

[54] **SYSTEME DE SURVEILLANCE DE LA CIRCULATION ROUTIERE**

[72] MATSUR, IGOR YURIEVICH, RU

[73] MATSUR, IGOR YURIEVICH, RU

[85] 2010-05-03

[86] 2007-11-01 (PCT/RU2007/000604)

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[25] EN

[54] **IMIDAZO[1,2-A]PYRIDINE DERIVATIVES AND THEIR USE AS POSITIVE ALLOSTERIC MODULATORS OF MGLUR2 RECEPTORS**

[54] **DERIVES IMIDAZO[1,2-A]PYRIDINE ET LEUR UTILISATION COMME MODULATEURS ALLOSTERIQUES POSITIFS DES RECEPTEURS MGLUR2**

[72] TRABANCO-SUAREZ, ANDRES AVELINO, ES

[72] TRESADERN, GARY JOHN, ES

[72] VEGA RAMIRO, JUAN ANTONIO, ES

[72] CID-NUNEZ, JOSE MARIA, ES

[73] ORTHO-MCNEIL-JANSSEN PHARMACEUTICALS, INC., US

[73] ADDEX PHARMA SA, CH

[85] 2010-04-30

[86] 2008-11-12 (PCT/EP2008/009534)

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[54] **SYSTEM AND METHOD FOR DEPTH MAP EXTRACTION USING REGION-BASED FILTERING**  
[54] **SYSTEME ET PROCEDE D'EXTRACTION DE CARTE DE PROFONDEUR A L'AIDE D'UN FILTRAGE PAR REGION**  
[72] ZHANG, DONG-QING, US  
[72] IZZAT, IZZAT, US  
[73] THOMSON LICENSING, FR  
[85] 2010-04-30  
[86] 2007-11-09 (PCT/US2007/023632)  
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[25] EN  
[54] **METHOD FOR CONTROLLING A VAR COMPENSATOR**  
[54] **PROCEDE DE REGULATION D'UN COMPENSATEUR DE PUISSANCE REACTIVE**  
[72] GERNER, ANDREAS, DE  
[72] WERNER, ARMIN, DE  
[73] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2010-05-05  
[86] 2007-11-07 (PCT/EP2007/009906)  
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[51] **Int.Cl. A21D 2/36 (2006.01) A21D 8/02 (2006.01) C07K 14/415 (2006.01)**  
[25] EN  
[54] **METHOD FOR PREPARING FOOD PRODUCT**  
[54] **PROCEDE DE PRODUCTION D'UN PRODUIT ALIMENTAIRE**  
[72] GIUSEPPIN, MARCO LUIGI FEDERICO, NL  
[72] SPELBRINK, ROBIN ERIC JACOBUS, NL  
[73] COOPERATIE AVEBE U.A., NL  
[85] 2010-05-05  
[86] 2008-11-05 (PCT/NL2008/050697)  
[87] (WO2009/061186)  
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[25] EN  
[54] **SEALED UNIT AND SPACER**  
[54] **UNITE HERMETIQUE ET PIECE D'ECARTEMENT**  
[72] TRPKOVSKI, PAUL, US  
[73] GUARDIAN IG, LLC, US  
[85] 2010-05-05  
[86] 2008-11-13 (PCT/US2008/083428)  
[87] (WO2009/064905)  
[30] US (60/987,681) 2007-11-13  
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[13] C

[51] **Int.Cl. B65D 17/50 (2006.01)**  
[25] EN  
[54] **RESEALABLE BEVERAGE CAN END AND METHODS RELATING TO SAME**  
[54] **EXTREMITE DE CANNETTE DE BOISSON REFERMABLE ET SES PROCEDES DE REALISATION**  
[72] RAMSEY, CHRISTOPHER PAUL, GB  
[72] ALTHORPE, CHRISTOPHER, GB  
[72] UNWIN, MICHAEL, GB  
[72] MANAUT, VINCENT, GB  
[72] COMBE, FLORIAN CHRISTIAN GREGORY, GB  
[72] PRESTIDGE, MARK JONATHAN, GB  
[72] STUART, IAIN CHARLES EDWARD, GB  
[72] FARROW, SYLVIA MARIA, GB  
[72] PARIS, ALEXANDRE, ES  
[73] CROWN PACKAGING TECHNOLOGY, INC., US  
[85] 2010-05-05  
[86] 2008-11-07 (PCT/US2008/082753)  
[87] (WO2009/062004)  
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[25] EN  
[54] **1, 2, 3-TRIAZOLE DERIVATIVES FOR USE AS STEAROYL-COA DESATURASE INHIBITORS**  
[54] **DERIVES DE 1,2,3-TRIAZOLE DESTINES A ETRE UTILISES COMME INHIBITEURS DE LA STEAROYL-COA DESATURASE**  
[72] BOUILLOT, ANNE MARIE JEANNE, FR  
[72] LAROZE, ALAIN, FR  
[72] TROTET, LIONEL, FR  
[73] GLAXOSMITHKLINE LLC, US  
[85] 2010-05-07  
[86] 2008-11-07 (PCT/EP2008/065104)  
[87] (WO2009/060053)  
[30] GB (0722077.5) 2007-11-09

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[25] EN  
[54] **AN IMPROVED PROCESS FOR THE PRODUCTION OF ALCOHOL FROM A CARBONACEOUS FEEDSTOCK**  
[54] **PROCEDE DE PRODUCTION D'ALCOOL AMELIORE A PARTIR D'UNE CHARGE CARBONEE**  
[72] DANIEL, BERIAN JOHN, GB  
[72] DEELEY, JON MICHAEL STEWART, GB  
[72] GRACEY, BENJAMIN PATRICK, GB  
[72] LI, CONG RONG, GB  
[73] BP P.L.C., GB  
[85] 2010-05-13  
[86] 2008-11-07 (PCT/GB2008/003759)  
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[25] EN  
[54] **BENZAZEPINONE COMPOUND**  
[54] **COMPOSE DE BENZAZEPINONE**

[72] SUZUKI, NAOTO, JP  
[72] TSUZAKI, YASUNORI, JP  
[72] YOSHIMURA, KIMIHIKO, JP  
[72] HAGIHARA, MASAHICO, JP  
[72] WADA, YUKINORI, JP  
[72] MARUYAMA, MASAO, JP  
[72] FUJII, NOBUYOSHI, JP  
[72] AGA, YASUHIRO, JP  
[73] UBE INDUSTRIES, LTD., JP  
[85] 2010-05-17  
[86] 2008-11-14 (PCT/JP2008/070804)  
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[25] EN  
[54] **BIDENTATE CHIRAL LIGANDS FOR USE IN CATALYTIC ASYMMETRIC ADDITION REACTIONS**

[54] **LIGANDS CHIRAUX BIDENTATES UTILISABLES DANS DES REACTIONS D'ADDITION CATALYTIQUES ASYMETRIQUES**

[72] PUGIN, BENOIT, CH  
[72] LOTZ, MATTHIAS, CH  
[72] LANDERT, HEIDI, CH  
[72] WYSS, ADRIAN, CH  
[72] AARDOOM, RAPHAEL, CH  
[72] GSCHWEND, BJOERN, CH  
[72] PFALTZ, ANDREAS, CH  
[72] SPINDLER, FELIX, CH  
[73] SOLVIAS AG, CH  
[85] 2010-05-18  
[86] 2008-11-14 (PCT/EP2008/065607)  
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[51] **Int.Cl. B23P 19/00 (2006.01) B64F 5/00 (2006.01)**

[25] EN  
[54] **WING POSITIONING AND MOUNTING SYSTEM**  
[54] **SYSTEME DE POSITIONNEMENT ET DE MONTAGE D'AILE**

[72] KOTT, HORST, DE  
[73] AIRBUS OPERATIONS GMBH, DE  
[85] 2010-05-19  
[86] 2007-11-29 (PCT/EP2007/063031)  
[87] (WO2009/068106)

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[51] **Int.Cl. C14C 3/08 (2006.01)**

[25] EN  
[54] **AGENT AND PROCESS FOR THE TANNING OF HIDES AND SKINS**  
[54] **AGENT ET PROCEDE DE TANNAGE DE PEAUX ET DE CUIRS**

[72] ZOTZEL, JENS, DE  
[72] SARAFEDDINOV, ALLA, DE  
[72] MARX, STEFAN, DE  
[72] GERMANN, HEINZ-PETER, DE  
[73] MB-HOLDING GMBH & CO. KG, DE  
[85] 2010-05-14  
[86] 2008-11-21 (PCT/EP2008/065954)  
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[13] C

[51] **Int.Cl. A61K 8/02 (2006.01) A61K 8/92 (2006.01)**

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[54] **POWDER COSMETIC COMPOSITION**  
[54] **COMPOSITION COSMETIQUE PULVERULENTE**

[72] SHAH, ARVIND N., US  
[72] KHAN, RAHEEL, US  
[72] FLEISSMAN, LEONA GIAT, US  
[73] AVON PRODUCTS, INC., US  
[85] 2010-05-18  
[86] 2008-11-13 (PCT/US2008/083336)  
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[54] **MODULAR ROTARY CUTTERBAR**  
[54] **BARRE DE COUPE ROTATIVE MODULAIRE**

[72] PRUITT, MARTIN, US  
[72] NAFZIGER, BRENDON, US  
[72] CLARK, STANLEY R., US  
[73] AGCO CORPORATION, US  
[85] 2010-05-27  
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[25] EN  
[54] **METHOD AND DEVICE FOR TRANSPORTING OBJECTS**  
[54] **PROCEDE ET DISPOSITIF DE TRANSPORT D'OBJETS**  
[72] BERGER, GIBERT, DE  
[72] WORM, KATJA, DE  
[73] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2010-05-28  
[86] 2008-11-28 (PCT/EP2008/066481)  
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[30] DE (10 2007 058 162.0) 2007-11-30  
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[25] EN  
[54] **FILTER HAVING BASEPLATE WITH INTERNAL GASKET LOCATION**  
[54] **FILTRE AYANT UNE PLAQUE DE BASE AVEC EMPLACEMENT DE JOINT D'ETANCHEITE INTERNE**  
[72] CALCATERRA, FARRELL F., US  
[72] MERRITT, STEVEN J., US  
[73] BALDWIN FILTERS, INC., US  
[85] 2010-06-01  
[86] 2008-11-19 (PCT/US2008/084029)  
[87] (WO2009/076021)  
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[25] EN  
[54] **TOPICAL COMPOSITIONS COMPRISING NON-PROTEOGENIC AMINO ACIDS AND METHODS OF TREATING SKIN**  
[54] **COMPOSITIONS TOPIQUES COMPRENANT DES ACIDES AMINES NON PROTEOGENIQUES ET PROCEDES DE TRAITEMENT DE LA PEAU**  
[72] PTHELINTSEV, DMITRI S., US  
[72] DRYER, LAURENCE, US  
[72] LUO, XIAOCHUN, US  
[73] AVON PRODUCTS, INC., US  
[85] 2010-06-02  
[86] 2008-11-14 (PCT/US2008/083490)  
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[30] US (61/014,846) 2007-12-19

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[25] EN  
[54] **IMAGE RECOGNITION DEVICE AND IMAGE RECOGNITION METHOD**  
[54] **DISPOSITIF DE RECONNAISSANCE D'IMAGE ET PROCEDE DE RECONNAISSANCE D'IMAGE**  
[72] IZUMI, KENJI, JP  
[73] SHIMANE PREFECTURAL GOVERNMENT, JP  
[85] 2010-06-03  
[86] 2008-11-28 (PCT/JP2008/071608)  
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[30] JP (2007-312819) 2007-12-03

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[25] EN  
[54] **COSMETIC COMPOSITIONS FOR IMPARTING SUPERHYDROPHOBIC FILMS**  
[54] **COMPOSITIONS COSMETIQUES POUR CONFERER DES FILMS SUPERHYDROPHOBES**  
[72] RANADE, RAHUL A., US  
[72] GLYNN, JOHN R., JR., US  
[72] GARRISON, MARK S., US  
[72] MARTIN, SHARI, US  
[72] MAITRA, PRITHWIRAJ, US  
[73] AVON PRODUCTS, INC., US  
[85] 2010-06-03  
[86] 2008-11-14 (PCT/US2008/083498)  
[87] (WO2009/082565)  
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[25] EN  
[54] **TURBINE ROTOR BLADE**  
[54] **AUBE DE ROTOR DE TURBINE**  
[72] ASAI, KUNIO, JP  
[72] KUDO, TAKESHI, JP  
[72] YODA, HIDEO, JP  
[72] TANAKA, KATSUMI, JP  
[73] MITSUBISHI HITACHI POWER SYSTEMS, LTD., JP  
[86] (2707966)  
[87] (2707966)  
[22] 2010-06-17  
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[54] **RAILING SYSTEM**  
[54] **SYSTEME DE GARDE-CORPS**  
[72] PETTA, GABRIEL, CA  
[72] OHRSTROM, ROLF J., CA  
[73] ALPA LUMBER INC., CA  
[86] (2708592)  
[87] (2708592)  
[22] 2008-11-26  
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[25] EN

[54] **METHOD AND APPARATUS FOR PROVIDING TACTILE FEEDBACK**

[54] **METHODE ET DISPOSITIF ASSURANT UNE RETROACTION TACTILE**

[72] WEBER, ARNETT RYAN, CA  
[72] FAUBERT, PERRY ALLAN, CA  
[72] ROBINSON, JAMES ALEXANDER, CA

[73] BLACKBERRY LIMITED, CA

[86] (2708673)  
[87] (2708673)

[22] 2010-06-28  
[30] EP (09164152.2) 2009-06-30

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[11] **2,708,768**  
[13] C

[51] **Int.Cl. G06K 9/78 (2006.01) G06K 9/62 (2006.01)**

[25] EN

[54] **IDENTIFICATION AND VERIFICATION OF AN UNKNOWN DOCUMENT ACCORDING TO AN EIGEN IMAGE PROCESS**

[54] **IDENTIFICATION ET VERIFICATION D'UN DOCUMENT INCONNU SELON UN TRAITEMENT D'IMAGE PROPRE**

[72] LEI, YIWU, CA  
[72] MACLEAN, JAMES E., CA  
[73] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2010-06-10  
[86] 2008-11-12 (PCT/US2008/083158)  
[87] (WO2009/075986)  
[30] US (11/955,163) 2007-12-12

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[11] **2,708,844**  
[13] C

[51] **Int.Cl. C07K 14/78 (2006.01) C08H 1/06 (2006.01) C08L 89/06 (2006.01) C12P 21/06 (2006.01)**

[25] EN

[54] **PREPARATION OF HIGH PURITY COLLAGEN**

[54] **PREPARATION DE COLLAGENE TRES PUR**

[72] HUANG, LYNN L. H., CN  
[73] NATIONAL CHENG KUNG UNIVERSITY, TW

[85] 2010-06-29  
[86] 2009-07-27 (PCT/US2009/051827)  
[87] (WO2011/014155)

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[11] **2,710,300**  
[13] C

[51] **Int.Cl. B01L 3/02 (2006.01)**

[25] EN

[54] **A COMBINATION OF AN ACTUATING SYSTEM AND PIPETTES THEREFOR AND A METHOD OF USING SUCH A COMBINATION**

[54] **COMBINAISON D'UN SYSTEME D'ACTIONNEMENT ET DE PIPETTES DE CELUI-CI ET PROCEDE POUR UTILISER UNE TELLE COMBINAISON**

[72] HORNES, ERIK, NO  
[72] HOLMBERG, ANDERS, SE  
[73] DIASORIN IRELAND LIMITED, IE

[85] 2010-06-21  
[86] 2008-12-23 (PCT/GB2008/004254)  
[87] (WO2009/081161)  
[30] GB (0725237.2) 2007-12-24

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[11] **2,711,038**  
[13] C

[51] **Int.Cl. H04W 4/02 (2009.01) G06F 17/30 (2006.01) G09B 29/10 (2006.01)**

[25] EN

[54] **MAKING ADDRESS BOOK A SOURCE OF LATITUDE AND LONGITUDE COORDINATES**

[54] **METHODE D'UTILISATION D'UN CARNET D'ADRESSES ELECTRONIQUE POUR DETERMINER LA LATITUDE ET LA LONGITUDE**

[72] NGO, NGOC BICH, CA  
[72] YACH, DAVID PAUL, CA  
[73] BLACKBERRY LIMITED, CA

[86] (2711038)  
[87] (2711038)

[22] 2010-07-28  
[30] EP (09166725.3) 2009-07-29

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[11] **2,712,053**  
[13] C

[51] **Int.Cl. B29C 47/74 (2006.01) B29C 47/68 (2006.01)**

[25] EN

[54] **DEVICE FOR EXTRUDING A THERMOPLASTIC PLASTIC PRODUCT**

[54] **DISPOSITIF POUR EXTRUDER UNE MATIERE THERMOPLASTIQUE**

[72] SCHULZ, HELMUTH, AT  
[73] EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H., AT

[85] 2010-08-10  
[86] 2009-01-14 (PCT/AT2009/000009)  
[87] (WO2009/103094)  
[30] AT (A 270/2008) 2008-02-20

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[11] **2,712,110**  
[13] C

[51] **Int.Cl. A61B 17/02 (2006.01) A61B 17/00 (2006.01)**

[25] EN

[54] **RETRACTOR**

[54] **ECARTEUR**

[72] SUTHERLAND, YING, GB  
[72] SUTHERLAND, FRASER WILLIAM HAVERN, GB

[73] CARDIOPRECISION LIMITED, GB

[85] 2010-07-14  
[86] 2009-01-15 (PCT/GB2009/000097)  
[87] (WO2009/090383)  
[30] GB (0800835.1) 2008-01-17

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[11] **2,712,530**  
[13] C

[51] **Int.Cl. B62D 65/12 (2006.01) B23K 37/04 (2006.01) B23Q 16/02 (2006.01) B60B 35/12 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR MANUFACTURING AN AXLE FOR A VEHICLE**

[54] **PROCEDE ET APPAREIL SERVANT A FABRIQUER UN ESSIEU POUR UN VEHICULE**

[72] JOHNSTON, CHRIS, CA  
[72] TAVES, ROBERT, CA  
[73] JOHNSTON, CHRIS, CA  
[73] TAVES, ROBERT, CA

[86] (2712530)  
[87] (2712530)

[22] 2010-09-10  
[30] US (12/770,987) 2010-04-30

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January 5, 2016**

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[11] **2,713,150**  
[13] C

[51] **Int.Cl. A61K 38/07 (2006.01) A61P 3/10 (2006.01)**  
[25] EN  
[54] **METHODS FOR PREVENTING OR TREATING INSULIN RESISTANCE**  
[54] **PROCEDE DE PREVENTION OU DE TRAITEMENT DE LA RESISTANCE A L'INSULINE**  
[72] NEUFER, P. DARRELL, US  
[72] ANDERSON, ETHAN J., US  
[72] SZETO, HAZEL H., US  
[73] CORNELL UNIVERSITY, US  
[73] EAST CAROLINA UNIVERSITY, US  
[85] 2010-07-23  
[86] 2009-02-06 (PCT/US2009/033440)  
[87] (WO2009/100363)  
[30] US (61/026,882) 2008-02-07

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[11] **2,713,346**  
[13] C

[51] **Int.Cl. C07C 407/00 (2006.01) C07C 409/24 (2006.01) C07C 409/26 (2006.01) C07C 409/32 (2006.01)**  
[25] EN  
[54] **RAPID DILUTION OF PERACID SOLUTIONS TO EQUILIBRATED SOLUTIONS**  
[54] **DILUTION RAPIDE DE SOLUTIONS PERACIDES POUR SOLUTIONS EN EQUILIBRE**  
[72] DADA, EMMANUEL A., US  
[72] LAPHAM, DONALD S., III, US  
[72] RICHARDS, JOSEPH C., US  
[73] PEROXYCHEM LLC, US  
[85] 2010-07-26  
[86] 2009-01-30 (PCT/US2009/032566)  
[87] (WO2009/099925)  
[30] US (61/063,490) 2008-02-04

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[11] **2,713,944**  
[13] C

[51] **Int.Cl. G01N 3/08 (2006.01)**  
[25] EN  
[54] **DEVICE AND METHOD FOR PROOF LOADING WOODEN BOARDS**  
[54] **DISPOSITIF ET PROCEDE PERMETTANT L'EXECUTION D'UN TEST DE TRACTION SUR DES PANNEAUX EN BOIS**  
[72] GIUDICEANDREA, FEDERICO, IT  
[73] MICROTEC S.R.L., IT  
[85] 2010-07-30  
[86] 2008-09-24 (PCT/IB2008/053884)  
[87] (WO2010/035066)

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[11] **2,714,351**  
[13] C

[51] **Int.Cl. C08L 5/16 (2006.01) A61K 31/12 (2006.01) A61K 36/185 (2006.01) A61K 47/40 (2006.01) A61P 3/06 (2006.01) C08K 5/132 (2006.01)**  
[25] EN  
[54] **NOVEL COMPOSITIONS CONTAINING XANTHOTHUMOL-CYCLODEXTRIN COMPLEXES**  
[54] **NOUVELLES COMPOSITIONS CONTENANT DES COMPLEXES XANTHOTHUMOL/CYCLODEXTRINE**  
[72] YAMAGUCHI, NAOTO, US  
[72] ONO, MITSUNORI, US  
[73] FLAXAN GMBH & CO. KG, DE  
[85] 2010-08-06  
[86] 2009-02-26 (PCT/US2009/001301)  
[87] (WO2009/108379)  
[30] US (61/031,762) 2008-02-27

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[11] **2,714,360**  
[13] C

[51] **Int.Cl. H04B 7/24 (2006.01) A63H 17/00 (2006.01)**  
[25] EN  
[54] **COMMUNICATION WITH EXACTLY ONE RADIO CONTROL RECEIVER**  
[54] **COMMUNICATION EXCLUSIVE AVEC UN RECEPTEUR TELECOMMANDE PAR RADIO**  
[72] DEWITT, GARY M., US  
[72] RUSSELL, CHIRS S., US  
[72] SHIRLEY, BRAD, US  
[72] DEFAUW, LARRY, US  
[73] TRAXXAS LP, US  
[86] (2714360)  
[87] (2714360)  
[22] 2010-09-08  
[30] US (61/241,340) 2009-09-10  
[30] US (61/266,923) 2009-12-04  
[30] US (12/730,036) 2010-03-23

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[11] **2,714,483**  
[13] C

[51] **Int.Cl. A01N 37/06 (2006.01) A01G 7/06 (2006.01) A01N 25/04 (2006.01) A01N 61/00 (2006.01) A01P 21/00 (2006.01)**  
[25] EN  
[54] **OLEIC ACID OR LINOLEIC ACID DERIVATIVE BASED AGENT FOR PREVENTING POLLEN DISPERSAL**  
[54] **AGENT A BASE DE DERIVE D'ACIDE OLEIQUE OU D'ACIDE LINOLEIQUE POUR EMPECHER LA DISPERSION DU POLLEN**  
[72] KOSHIO, KAIHEI, JP  
[72] OHIKE, HIROKAZU, JP  
[72] SHIMADA, MASAHIKO, JP  
[72] SHIINO, DAIJIRO, JP  
[72] TSURUOKA, KUNIAKI, JP  
[72] YAMANAKA, AIKO, JP  
[73] NOF CORPORATION, JP  
[85] 2010-08-06  
[86] 2009-02-06 (PCT/JP2009/052101)  
[87] (WO2009/099212)  
[30] JP (2008-028253) 2008-02-08  
[30] JP (2008-028254) 2008-02-08  
[30] JP (2008-036632) 2008-02-18  
[30] JP (2008-036633) 2008-02-18

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[11] **2,714,490**  
[13] C

[51] **Int.Cl. A61L 15/16 (2006.01)**  
[25] EN  
[54] **WOUND-COVERING HYDROGEL MATERIAL**  
[54] **MATIERE A BASE D'HYDROGEL DE RECOUVREMENT D'UNE PLAIE**  
[72] KAMAKURA, TAKASHI, JP  
[72] SATO, AKI, JP  
[72] TAKAHASHI, MAKOTO, JP  
[72] OHURA, TAKEHIKO, JP  
[73] TEIKOKU SEIYAKU CO., LTD., JP  
[85] 2010-08-06  
[86] 2008-02-25 (PCT/JP2008/053193)  
[87] (WO2009/107189)

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[13] C

- [51] **Int.Cl. E06B 9/17 (2006.01)**  
[25] EN  
[54] **LIFTING DOOR ASSEMBLY AND DOOR LINTEL SEALING DEVICE THEREFOR**  
[54] **ENSEMBLE DE PORTE RELEVABLE ET DISPOSITIF D'ETANCHEITE DE LINTEAU DE PORTE CONNEXE**  
[72] BREZNIKAR, JOZE, SI  
[72] HOEFNER, NORBERT, DE  
[72] KREMSE, HANS-JOERG, DE  
[73] EFIFLEX TOR-UND SICHERHEITSSYSTEME GMBH & CO. KG, DE  
[85] 2010-08-03  
[86] 2009-02-06 (PCT/EP2009/000831)  
[87] (WO2009/109274)  
[30] DE (10 2008 007 592.2) 2008-02-06

[11] **2,714,962**  
[13] C

- [51] **Int.Cl. A61G 7/005 (2006.01) A47C 19/00 (2006.01) A61G 7/008 (2006.01)**  
[25] EN  
[54] **POSITIONING MECHANISM OF A BED**  
[54] **MECANISME DE POSITIONNEMENT D'UN LIT**  
[72] TESAR, MILAN, CZ  
[72] KOLAR, VLADIMIR, CZ  
[73] LINET SPOL. S R.O., CZ  
[85] 2010-08-10  
[86] 2009-02-12 (PCT/CZ2009/000015)  
[87] (WO2009/100692)  
[30] CZ (PUV 2008-19673) 2008-02-15

[11] **2,715,020**  
[13] C

- [51] **Int.Cl. H04L 29/06 (2006.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR EFFICIENTLY MANAGING AND CONFIGURING VIRTUAL SERVERS**  
[54] **PROCEDES ET SYSTEMES DE GESTION ET DE CONFIGURATION EFFICACES DE SERVEURS VIRTUELS**  
[72] VON EICKEN, THORSTEN, US  
[72] SAAVEDRA, RAFAEL, US  
[73] RIGHTSCALE, INC., US  
[85] 2010-09-14  
[86] 2009-03-11 (PCT/US2009/036764)  
[87] (WO2009/117288)  
[30] US (12/050,865) 2008-03-18

[11] **2,715,287**  
[13] C

- [51] **Int.Cl. C08K 5/00 (2006.01) C08L 27/06 (2006.01)**  
[25] EN  
[54] **A REPLACEMENT PLASTICIZER SYSTEM FOR PHTHALATE-PLASTICIZED FORMULATIONS**  
[54] **SYSTEME DE PLASTIFIANTS DE REMPLACEMENT POUR DES FORMULATIONS PLASTIFIEES AVEC UN PHTALATE**  
[72] EATON, ROBERT, US  
[73] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC, US  
[85] 2010-08-10  
[86] 2009-02-12 (PCT/US2009/033935)  
[87] (WO2009/102877)  
[30] US (61/029,035) 2008-02-15

[11] **2,715,807**  
[13] C

- [51] **Int.Cl. H04N 7/24 (2011.01) H04H 60/13 (2009.01) H04W 4/18 (2009.01) H04N 21/6332 (2011.01)**  
[25] EN  
[54] **DATA TRANSMISSION**  
[54] **TRANSMISSION DE DONNEES**  
[72] TUOMIKOSKI, TUOMO, FI  
[72] AUTIO, KARI, FI  
[72] MAKELA, ILKKA, FI  
[72] NUUTINEN, JUKKA-PEKKA, FI  
[72] RYHANEN, JOUKO, FI  
[72] VALTANEN, JUHA, FI  
[73] ELEKTROBIT WIRELESS COMMUNICATIONS OY, FI  
[85] 2010-08-17  
[86] 2009-03-17 (PCT/FI2009/050202)  
[87] (WO2009/118448)  
[30] US (12/055,579) 2008-03-26

[11] **2,715,858**  
[13] C

- [51] **Int.Cl. B03D 1/012 (2006.01) B03D 1/004 (2006.01) B03D 1/02 (2006.01)**  
[25] EN  
[54] **PROCESS FOR RECOVERING COPPER SULPHIDE FROM COPPER BEARING ORES BY FROTH FLOTATION**  
[54] **PROCEDE DE RECUPERATION DE SULFURE DE CUIVRE A PARTIR DE MINERAIS CUPRIFERES PAR FLOTTATION DE MOUSSE**  
[72] CANADY, DANIEL, US  
[72] DEWALD, MARK, US  
[73] S.P.C.M. SA, FR  
[85] 2010-08-16  
[86] 2008-03-07 (PCT/IB2008/050844)  
[87] (WO2009/109812)

[11] **2,715,972**  
[13] C

- [51] **Int.Cl. B01J 19/24 (2006.01) B01J 8/04 (2006.01)**  
[25] EN  
[54] **SPLIT FLOW CONTACTOR**  
[54] **CONTACTEUR A ECOULEMENT DISSOCIE**  
[72] BLANCHARD, KENNETH L., US  
[72] MANN, DAVID P., US  
[73] KELLOGG BROWN & ROOT LLC, US  
[85] 2010-08-18  
[86] 2009-01-22 (PCT/US2009/000382)  
[87] (WO2009/108259)  
[30] US (12/038,235) 2008-02-27

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January 5, 2016**

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[11] **2,717,492**  
[13] C

[51] **Int.Cl. G08C 17/02 (2006.01) H04W 4/00 (2009.01) H04N 21/4227 (2011.01)**

[25] EN

[54] **APPARATUS AND METHODS FOR CONTROLLING AN ENTERTAINMENT DEVICE USING A MOBILE COMMUNICATION DEVICE**

[54] **APPAREIL ET PROCÉDES POUR COMMANDER UN DISPOSITIF DE DIVERTISSEMENT A L'AIDE D'UN DISPOSITIF DE COMMUNICATION MOBILE**

[72] ERGEN, CHARLES W., US  
[72] GRATTON, MAX S., US  
[73] ECHOSTAR TECHNOLOGIES LLC, US  
[73] DISH NETWORK L.L.C., US  
[85] 2010-08-26  
[86] 2009-02-19 (PCT/US2009/034559)  
[87] (WO2009/114247)  
[30] US (12/046,555) 2008-03-12  
[30] US (12/046,568) 2008-03-12

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[11] **2,718,267**  
[13] C

[51] **Int.Cl. A47C 27/10 (2006.01) A47C 31/12 (2006.01) A61B 5/11 (2006.01) G01L 1/18 (2006.01) G01L 5/00 (2006.01)**

[25] EN

[54] **ADAPTIVE CUSHION METHOD AND APPARATUS FOR MINIMIZING FORCE CONCENTRATIONS ON A HUMAN BODY**

[54] **PROCEDE A COUSSIN ADAPTATIF ET APPAREIL DESTINE A MINIMISER LA CONCENTRATION DE FORCES EXERCEES SUR LE CORPS HUMAIN**

[72] TAYLOR, GEOFFREY L., CA  
[73] STRYKER CORPORATION, US  
[85] 2010-09-10  
[86] 2009-03-13 (PCT/US2009/001620)  
[87] (WO2009/120270)  
[30] US (12/075,937) 2008-03-15

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[11] **2,718,396**  
[13] C

[51] **Int.Cl. C12N 15/09 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01)**

[25] EN

[54] **GENE FOR INCREASING THE PRODUCTION OF PLANT BIOMASS AND/OR SEEDS AND METHOD FOR USE THEREOF**

[54] **GENE AUGMENTANT LA QUANTITE DE BIOMASSE VEGETALE ET/OU LA QUANTITE DE GRAINES ET SON PROCÉDE D'UTILISATION**

[72] KONDO, SATOSHI, JP  
[72] OHTO, CHIKARA, JP  
[72] MITSUKAWA, NORIHIRO, JP  
[72] MURAMOTO, NOBUHIKO, JP  
[72] OGAWA, KENICHI, JP  
[72] SUGIMOTO, HIROKI, JP  
[72] TANAKA, TOMOKO, JP  
[72] YONEKURA, MADOKA, JP  
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[85] 2010-09-13  
[86] 2009-03-13 (PCT/JP2009/054953)  
[87] (WO2009/113684)  
[30] JP (2008-066460) 2008-03-14

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[11] **2,718,582**  
[13] C

[51] **Int.Cl. E01C 5/00 (2006.01) E01C 15/00 (2006.01) E04F 13/00 (2006.01) E04F 15/00 (2006.01)**

[25] EN

[54] **IRREGULAR BUILDING UNITS HAVING MATING SIDES**

[54] **BLOCS-ELEMENTS DE CONSTRUCTION IRREGULIERS A FACES EMBOITABLES**

[72] RICCOBENE, THOMAS, US  
[73] KEYSTONE RETAINING WALL SYSTEMS, INC., US  
[86] (2718582)  
[87] (2718582)  
[22] 2010-10-25  
[30] US (12/908,074) 2010-10-20

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[11] **2,718,847**  
[13] C

[51] **Int.Cl. F04D 27/02 (2006.01) F04D 29/16 (2006.01) F04D 29/52 (2006.01) F04D 29/54 (2006.01) F04D 29/66 (2006.01) F04D 29/68 (2006.01)**

[25] FR

[54] **CASING FOR A MOVING-BLADE WHEEL OF A TURBOMACHINE**

[54] **CARTER POUR ROUE A AUBES MOBILES DE TURBOMACHINE**

[72] DOMERCQ, OLIVIER, FR  
[72] JABLONSKI, LAURENT, FR  
[72] PERROT, VINCENT, FR  
[72] BRUNET, ANTOINE, FR  
[73] SNECMA, FR  
[85] 2010-09-17  
[86] 2009-03-25 (PCT/FR2009/050516)  
[87] (WO2009/125135)  
[30] FR (0852012) 2008-03-28

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[11] **2,719,040**  
[13] C

[51] **Int.Cl. F23D 1/00 (2006.01) F23C 99/00 (2006.01)**

[25] EN

[54] **SOLID FUEL BURNER, COMBUSTION APPARATUS USING SOLID FUEL BURNER AND METHOD OF OPERATING THE COMBUSTION APPARATUS**

[54] **BRULEUR A COMBUSTIBLE SOLIDE, APPAREIL DE COMBUSTION UTILISANT UN BRULEUR A COMBUSTIBLE SOLIDE ET PROCÉDE DE FONCTIONNEMENT DE L'APPAREIL DE COMBUSTION**

[72] OKAZAKI, HIROFUMI, JP  
[72] KIYAMA, KENJI, JP  
[72] OCHI, YUSUKE, JP  
[72] KURAMASHI, KOUJI, JP  
[73] MITSUBISHI HITACHI POWER SYSTEMS, LTD., JP  
[85] 2010-09-20  
[86] 2009-04-03 (PCT/JP2009/001573)  
[87] (WO2009/125566)  
[30] JP (2008-102048) 2008-04-10

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[11] **2,719,139**  
[13] C

[51] **Int.Cl. H04M 1/66 (2006.01) H04W 4/16 (2009.01) H04W 12/06 (2009.01) H04M 1/57 (2006.01) H04M 1/663 (2006.01) H04M 3/56 (2006.01)**

[25] EN

[54] **AUTHENTICATING VOICE CALLS FROM MOBILE DEVICES**

[54] **AUTHENTIFICATION DES APPELS VOCAUX PROVENANT DE DISPOSITIFS MOBILES**

[72] KEAST, LIAM JOHN, CA

[72] SPENCER, BRADFORD LAWRENCE, CA

[72] SINGH, MANVINDER, CA

[73] BLACKBERRY LIMITED, CA

[86] (2719139)

[87] (2719139)

[22] 2010-10-27

[30] EP (09179146.7) 2009-12-14

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[11] **2,719,593**  
[13] C

[51] **Int.Cl. G06F 17/00 (2006.01) G06T 11/60 (2006.01) H04L 12/16 (2006.01)**

[25] EN

[54] **DYNAMIC COMPOSITION FOR IMAGE TRANSMISSION**

[54] **COMPOSITION D'IMAGE DYNAMIQUE**

[72] SCOTT, SEAN M., US

[72] GAW, DEREK, US

[73] AMAZON TECHNOLOGIES, INC., US

[85] 2010-09-24

[86] 2009-02-25 (PCT/US2009/035090)

[87] (WO2009/120440)

[30] US (12/057,013) 2008-03-27

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[11] **2,719,781**  
[13] C

[51] **Int.Cl. B41F 5/24 (2006.01) B41F 13/54 (2006.01) B41F 15/08 (2006.01) B41F 31/00 (2006.01)**

[25] EN

[54] **MACHINE FOR THE IN-LINE TRANSFORMATION OF SINGLE-USE PRODUCTS, HEAT-PRINTED WITH COLOURED WAXES AND PARAFFINS**

[54] **MACHINE POUR LA TRANSFORMATION EN LIGNE DE PRODUITS A USAGE UNIQUE, IMPRIMES THERMIQUEMENT AVEC DES CIRES ET DES PARAFFINES COLOREES**

[72] BARTESAGHI, ANGELO, IT

[73] O-PAC S.R.L. SOCIETA A SOCIO UNICO, IT

[85] 2010-09-27

[86] 2009-03-26 (PCT/IB2009/005128)

[87] (WO2009/125266)

[30] IT (MI2008A000651) 2008-04-11

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[11] **2,719,880**  
[13] C

[51] **Int.Cl. C02F 9/02 (2006.01) B01D 17/00 (2006.01) B01D 61/02 (2006.01) B01D 61/14 (2006.01) C02F 1/24 (2006.01) C02F 1/40 (2006.01) C02F 1/44 (2006.01) C10G 1/04 (2006.01)**

[25] EN

[54] **OIL SANDS PROCESS WATER TREATMENT FOR REUSE**

[54] **HYDROTRAITEMENT DES SABLES BITUMINEUX POUR REUTILISATION**

[72] BUCHANAN, GAIL, CA

[72] ZUBOT, WARREN, CA

[73] SYNCRUDE CANADA LTD., CA

[86] (2719880)

[87] (2719880)

[22] 2010-11-02

[30] US (61/257,778) 2009-11-03

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[11] **2,719,896**  
[13] C

[51] **Int.Cl. B29D 99/00 (2010.01) B23K 26/073 (2006.01) B29C 51/18 (2006.01) B29C 51/22 (2006.01) B29C 53/28 (2006.01) B29C 65/16 (2006.01) B29D 24/00 (2006.01) B32B 3/12 (2006.01)**

[25] FR

[54] **CELL-LIKE STRUCTURE MANUFACTURING METHOD, CELL-LIKE STRUCTURE, AND CORRESPONDING EQUIPMENT**

[54] **PROCEDE DE FABRICATION D'UNE STRUCTURE ALVEOLAIRE, STRUCTURE ALVEOLAIRE ET INSTALLATION CORRESPONDANTES**

[72] LE MONNIER, MARC, FR

[73] LE MONNIER, MARC, FR

[85] 2010-09-28

[86] 2009-04-07 (PCT/FR2009/000407)

[87] (WO2009/130419)

[30] FR (08/01929) 2008-04-08

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[11] **2,720,500**  
[13] C

[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 30/02 (2012.01) G06F 17/27 (2006.01)**

[25] EN

[54] **KEYWORD EXPRESSION LANGUAGE FOR ONLINE SEARCH AND ADVERTISING**

[54] **LANGAGE D'EXPRESSION A L'AIDE DE MOTS-CLES POUR RECHERCHES ET PUBLICITES EN LIGNE**

[72] FERREIRA, IAN P., US

[72] DOMINOWSKA, EWA, US

[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US

[85] 2010-10-04

[86] 2009-03-05 (PCT/US2009/036115)

[87] (WO2009/137156)

[30] US (12/118,057) 2008-05-09

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[11] **2,720,519**  
[13] C

[51] **Int.Cl. A47C 3/02 (2006.01) A47C 1/03 (2006.01) A47C 7/54 (2006.01)**

[25] EN

[54] **NURSING CHAIR**

[54] **CHAISE DE SOINS INFIRMIERS**

[72] ZAHIR, KATE, CA

[73] ZAHIR, KATE, CA

[86] (2720519)

[87] (2720519)

[22] 2010-11-08

[30] US (61259954) 2009-11-10

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[11] **2,721,478**  
[13] C

[51] **Int.Cl. C08G 73/02 (2006.01) C02F 1/00 (2006.01) C02F 1/56 (2006.01)**  
[25] EN  
[54] **FUNCTIONALIZED CATIONIC POLYAMINES AND THEIR USE TO REDUCE THE NDMA FORMATION DURING THE TREATMENT OF AQUEOUS SYSTEMS, AND APPLICATIONS IN THE WATER TREATMENT INDUSTRY, INCLUDING WASTEWATER AND DRINKING WATER TREATMENT PROCESSES**

[54] **POLYAMINES CATIONIQUES FONCTIONNALISEES ET LEUR UTILISATION POUR REDUIRE LA FORMATION DE NDMA AU COURS DU TRAITEMENT DE SYSTEMES AQUEUX ET APPLICATIONS A L'INDUSTRIE DU TRAITEMENT DES EAUX, Y COMPRIS LES EAUX RESIDUAIRES ET POTABLES**

[72] FAVERO, CEDRICK, FR  
[72] TAYLOR, AMELIA E., US  
[73] S.P.C.M. SA, FR  
[85] 2010-10-14  
[86] 2008-04-18 (PCT/IB2008/001241)  
[87] (WO2009/127893)

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[11] **2,721,736**  
[13] C

[51] **Int.Cl. C22C 38/28 (2006.01) C22C 38/22 (2006.01) C22C 38/24 (2006.01) C22C 38/38 (2006.01)**  
[25] EN  
[54] **HIGH CARBON CONTENT AND HIGH STRENGTH HEAT-TREATED STEEL RAIL AND METHOD FOR PRODUCING THE SAME**

[54] **RAIL EN ACIER TRAITÉ À LA CHALEUR À FORTE TENEUR EN CARBONE ET À HAUTE RÉSISTANCE, ET SON PROCÉDÉ DE FABRICATION**

[72] ZOU, MING, CN  
[72] MEI, DONGSHENG, CN  
[72] XU, QUAN, CN  
[72] DENG, YONG, CN  
[72] GUO, HUA, CN  
[72] LIU, MING, CN  
[72] TANG, LI, CN  
[72] ZHAO, YUN, CN  
[72] TAO, GONGMING, CN  
[73] PANGANG GROUP CO., LTD., CN  
[73] PANGANG GROUP RESEARCH INSTITUTE CO., LTD., CN  
[73] PANGANG GROUP PANZHIHUA STEEL & VANADIUM CO., LTD., CN  
[86] (2721736)  
[87] (2721736)  
[22] 2010-11-19  
[30] CN (201010148333.0) 2010-04-16

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[11] **2,722,509**  
[13] C

[51] **Int.Cl. G06F 13/00 (2006.01)**  
[25] EN  
[54] **VIRTUAL COLLECTION OF ENTITIES IN SYNC PROCESS**

[54] **COLLECTE VIRTUELLE D'ENTITES DANS UN PROCESSUS DE SYNCHRONISATION**

[72] KAILA, ASHISH, CA  
[72] BARNES, JORDAN D., CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2722509)  
[87] (2722509)  
[22] 2010-11-23  
[30] US (61/263,789) 2009-11-23

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[11] **2,722,643**  
[13] C

[51] **Int.Cl. G06F 13/00 (2006.01) H04W 4/00 (2009.01) G06F 3/14 (2006.01) H04L 12/16 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR THUMBNAIL MANAGEMENT**

[54] **SYSTEMES ET METHODES DE GESTION D'IMAGETTES**

[72] KAILA, ASHISH, CA  
[72] MCSHEFFREY, GRANT MATTHEW, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2722643)  
[87] (2722643)  
[22] 2010-11-23  
[30] US (61/263,808) 2009-11-23

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[11] **2,722,713**  
[13] C

[51] **Int.Cl. H04W 4/16 (2009.01)**  
[25] EN  
[54] **METHOD FOR PROVIDING EXTENSION LIST SELECTION**

[54] **METHODE DE FOURNITURE D'UNE LISTE DE POSTES TELEPHONIQUES D'ABONNES A SELECTIONNER**

[72] MAAMOUN, MOHAMED MAHMOUD, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2722713)  
[87] (2722713)  
[22] 2010-11-23  
[30] EP (09179700.1) 2009-12-17

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[11] **2,722,716**  
[13] C

[51] **Int.Cl. A01B 63/32 (2006.01) A01B 73/02 (2006.01)**  
[25] EN  
[54] **ELECTRONICALLY CONTROLLED HYDRAULIC SYSTEM FOR AN AGRICULTURAL IMPLEMENT**

[54] **SYSTEME HYDRAULIQUE A COMANDE ELECTRONIQUE POUR UN INSTRUMENT AGRICOLE**

[72] YUEN, CORY, CA  
[73] CNH INDUSTRIAL CANADA, LTD., CA  
[86] (2722716)  
[87] (2722716)  
[22] 2010-11-24  
[30] US (12/789,672) 2010-05-28

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[11] **2,723,116**  
[13] C

[51] **Int.Cl. C10L 5/40 (2006.01) C10L 5/44 (2006.01) C10L 5/48 (2006.01)**

[25] EN

[54] **METHOD, DEVICE AND USE OF A DEVICE FOR PRODUCING FUEL FROM MOIST BIOMASS**

[54] **PROCEDE, DISPOSITIF ET UTILISATION D'UN DISPOSITIF POUR LA PRODUCTION DE COMBUSTIBLE A PARTIR DE BIOMASSE HUMIDE**

[72] WERNER, HANS, DE

[73] WERNER, HANS, DE

[85] 2010-11-01

[86] 2009-04-30 (PCT/EP2009/055294)

[87] (WO2009/133184)

[30] DE (10 2008 021 722.0) 2008-05-02

[30] DE (10 2008 035 222.5) 2008-07-29

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[11] **2,723,140**  
[13] C

[51] **Int.Cl. H02J 7/00 (2006.01) H04L 29/10 (2006.01)**

[25] EN

[54] **DOCKING STATION**

[54] **STATION D'ANCRAGE**

[72] BYRNE, NORMAN R., US

[73] BYRNE, NORMAN R., US

[85] 2010-11-01

[86] 2009-05-04 (PCT/US2009/002736)

[87] (WO2009/134455)

[30] US (61/049,979) 2008-05-02

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[11] **2,723,423**  
[13] C

[51] **Int.Cl. C07C 2/28 (2006.01)**

[25] EN

[54] **DIISOBUTYLENE PROCESS**

[54] **PROCEDE DE PRODUCTION DE DIISOBUTYLENE**

[72] NICHOLS, NATALIE C.M.B., US

[72] RENAUDO, CHRISTOPHER P., US

[72] LEYSHON, DAVID W., US

[73] LYONDELL CHEMICAL TECHNOLOGY, L.P., US

[85] 2010-11-03

[86] 2009-04-21 (PCT/US2009/002468)

[87] (WO2009/145861)

[30] US (12/156,004) 2008-05-29

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[11] **2,723,464**  
[13] C

[51] **Int.Cl. C08G 18/67 (2006.01) C09D 175/14 (2006.01)**

[25] EN

[54] **AQUEOUS RADIATION CURABLE POLYURETHANE COMPOSITIONS**

[54] **COMPOSITIONS DE POLYURETHANE AQUEUSES DURCISSABLES PAR RAYONNEMENT**

[72] TIELEMANS, MICHEL, BE

[73] ALLNEX BELGIUM S.A., BE

[85] 2010-10-20

[86] 2009-05-29 (PCT/EP2009/056615)

[87] (WO2009/147092)

[30] EP (08010311.2) 2008-06-06

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[11] **2,723,540**  
[13] C

[51] **Int.Cl. C07C 51/64 (2006.01) C07C 59/72 (2006.01)**

[25] EN

[54] **TREPROSTINIL MONOHYDRATE**

[54] **MONOHYDRATE DE TREPROSTINIL**

[72] WALSH, DAVID A., US

[73] UNITED THERAPEUTICS CORPORATION, US

[85] 2010-11-04

[86] 2009-05-07 (PCT/US2009/002818)

[87] (WO2009/137066)

[30] US (61/051,509) 2008-05-08

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[13] C

[51] **Int.Cl. F16C 33/44 (2006.01) F16C 33/56 (2006.01) F16C 33/62 (2006.01)**

[25] EN

[54] **BEARING MODULE**

[54] **MODULE PALIER**

[72] BERESCH, EDUARD, DE

[72] SCHULTE-NOELLE, CHRISTIAN, DE

[72] MUELLER, CLAUS, DE

[72] HAFIT, AHMED, DE

[73] SCHAEFFLER TECHNOLOGIES AG & CO. KG, DE

[85] 2010-11-08

[86] 2009-05-05 (PCT/DE2009/000637)

[87] (WO2009/135482)

[30] DE (10 2008 022 861.3) 2008-05-08

[30] DE (10 2008 048 412.1) 2008-09-23

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[11] **2,723,884**  
[13] C

[51] **Int.Cl. C08K 3/00 (2006.01)**

[25] EN

[54] **POLY(METH)ACRYLIMIDE HAVING IMPROVED OPTICAL AND COLOR PROPERTIES, PARTICULARLY UNDER THERMAL LOAD**

[54] **POLY(METH)ACRYLIMIDE AVEC DES PROPRIETES OPTIQUES ET CHROMATIQUES AMELIOREES, EN PARTICULIER EN CAS DE SOLLECITATION THERMIQUE**

[72] KHRENOV, VICTOR, DE

[72] SADO, KRZYSZTOF, DE

[72] MEHLER, NILS, DE

[72] SCHULTES, KLAUS, DE

[72] ALBRECHT, KLAUS, DE

[73] EVONIK ROEHM GMBH, DE

[85] 2010-11-09

[86] 2009-02-27 (PCT/EP2009/052380)

[87] (WO2009/135703)

[30] DE (10 2008 001 695.0) 2008-05-09

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[11] **2,723,890**  
[13] C

[51] **Int.Cl. A01K 1/015 (2006.01)**

[25] EN

[54] **STABLE FLOOR ELEMENT**

[54] **ELEMENT DE PLANCHER STABLE**

[72] VAN DER VELDEN, GERT, BE

[73] VDV R&D BVBA, BY

[85] 2010-11-09

[86] 2009-05-07 (PCT/IB2009/051888)

[87] (WO2009/136376)

[30] BE (BE 2008/0265) 2008-05-09

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[11] **2,724,848**  
[13] C

[51] **Int.Cl. A61M 5/20 (2006.01)**  
[25] EN  
[54] **INJECTION DEVICE FOR SOFT-TISSUE AUGMENTATION FILLERS, BIOACTIVE AGENTS AND OTHER BIOCOMPATIBLE MATERIALS IN LIQUID OR GEL FORM**  
[54] **DISPOSITIF D'INJECTION POUR CHARGES D'AUGMENTATION DE TISSU MOU, AGENTS BIOACTIFS ET AUTRES MATERIAUX BIOCOMPATIBLES SOUS FORME DE LIQUIDE OU DE GEL**  
[72] MUDD, CHRISTOPHER S., US  
[72] TEZEL, AHMET, US  
[73] ALLERGAN, INC., US  
[85] 2010-11-18  
[86] 2009-06-01 (PCT/US2009/045831)  
[87] (WO2009/158145)  
[30] US (61/057,703) 2008-05-30  
[30] US (61/074,538) 2008-06-20

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[11] **2,725,328**  
[13] C

[51] **Int.Cl. E21B 34/06 (2006.01) E21B 33/068 (2006.01) E21B 34/10 (2006.01)**  
[25] EN  
[54] **SYSTEM FOR PULSE-INJECTING FLUID INTO A BOREHOLE**  
[54] **SYSTEME D'INJECTION PAR IMPULSION D'UN FLUIDE DANS UN Puits DE FORAGE**  
[72] DAVIDSON, BRETT CHARLES, CA  
[73] WAVEFRONT RESERVOIR TECHNOLOGIES LTD., CA  
[85] 2010-10-26  
[86] 2009-04-30 (PCT/CA2009/000557)  
[87] (WO2009/132433)  
[30] GB (0807878.4) 2008-04-30

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[11] **2,725,535**  
[13] C

[51] **Int.Cl. C07D 305/14 (2006.01) A61K 9/127 (2006.01) A61K 31/337 (2006.01) A61K 47/48 (2006.01)**  
[25] EN  
[54] **MODIFIED DRUGS FOR USE IN LIPOSOMAL NANOPARTICLES**  
[54] **MEDICAMENTS MODIFIES POUR UNE UTILISATION DANS DES NANOPARTICULES LIPOSOMALES**  
[72] CULLIS, PIETER, CA  
[72] BALLY, MARCEL, CA  
[72] CIUFOLINI, MARCO, CA  
[72] MAURER, NORBERT, CA  
[72] JIGALTSEV, IGOR, CA  
[73] THE UNIVERSITY OF BRITISH COLUMBIA, CA  
[85] 2010-11-23  
[86] 2009-05-26 (PCT/IB2009/006532)  
[87] (WO2009/141738)  
[30] US (61/055,929) 2008-05-23

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[13] C

[51] **Int.Cl. F04D 29/22 (2006.01)**  
[25] EN  
[54] **SLURRY PUMP IMPELLER**  
[54] **TURBINE DE POMPE A BOUE**  
[72] BURGESS, KEVIN EDWARD, AU  
[72] LIU, WEN-JIE, AU  
[72] LAVAGNA, LUIS MOSCOSO, AU  
[72] GLAVES, GARRY BRUCE, AU  
[73] WEIR MINERALS AUSTRALIA LTD, AU  
[85] 2010-11-23  
[86] 2009-05-27 (PCT/AU2009/000661)  
[87] (WO2009/143569)  
[30] AU (2008902860) 2008-05-27  
[30] AU (2008904164) 2008-08-14

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[13] C

[51] **Int.Cl. B29C 65/00 (2006.01) B29C 65/72 (2006.01) B64F 5/00 (2006.01) F16L 47/00 (2006.01)**  
[25] FR  
[54] **METHOD FOR THE ORBITAL ASSEMBLY OF AIRCRAFT SECTIONS MADE OF COMPOSITE MATERIAL**  
[54] **PROCEDE D'ASSEMBLAGE ORBITAL DE TRONCONS D'AERONEF EN MATERIAU COMPOSITE**  
[72] GALLANT, GUILLAUME, FR  
[72] LACOMBE, JEAN-CLAUDE, FR  
[73] AIRBUS OPERATIONS (S.A.S), FR  
[85] 2010-11-30  
[86] 2009-05-26 (PCT/FR2009/050972)  
[87] (WO2009/156637)  
[30] FR (08 03009) 2008-06-02

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[11] **2,726,800**  
[13] C

[51] **Int.Cl. H01R 4/28 (2006.01) H01R 4/36 (2006.01)**  
[25] EN  
[54] **GROUNDING BRIDGE**  
[54] **PONT DE MISE A LA TERRE**  
[72] KIELY, KENNETH M., US  
[73] BRIDGEPORT FITTINGS, INC., US  
[86] (2726800)  
[87] (2726800)  
[22] 2011-01-07  
[30] US (12/798,181) 2010-03-31

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[13] C

[51] **Int.Cl. F04D 29/66 (2006.01) F04D 7/04 (2006.01) F04D 29/42 (2006.01) F04D 29/44 (2006.01) F04D 29/68 (2006.01)**  
[25] EN  
[54] **PUMP CASING**  
[54] **CORPS DE POMPE**  
[72] BURGESS, KEVIN EDWARD, AU  
[72] LIU, WEN-JIE, AU  
[72] LAVAGNA, LUIS MOSCOSO, AU  
[72] GLAVES, GARRY BRUCE, AU  
[73] WEIR MINERALS AUSTRALIA LTD, AU  
[85] 2010-12-03  
[86] 2009-06-05 (PCT/AU2009/000714)  
[87] (WO2009/146506)  
[30] AU (2008902886) 2008-06-06  
[30] AU (2008904163) 2008-08-14

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[13] C

- [51] **Int.Cl. B64D 47/00 (2006.01)**  
[25] EN  
[54] **HOUSING ASSEMBLY FOR AN ELECTRICAL DEVICE**  
[54] **LOGEMENT POUR UN DISPOSITIF ELECTRIQUE**  
[72] DOOLEY, KEVIN ALLAN, CA  
[73] PRATT & WHITNEY CANADA CORP., CA  
[86] (2727184)  
[87] (2727184)  
[22] 2011-01-05  
[30] US (12/713,545) 2010-02-26

[11] **2,727,487**  
[13] C

- [51] **Int.Cl. G21D 1/00 (2006.01)**  
[25] EN  
[54] **NUCLEAR REACTOR PLANT WITH HAZARDOUS WASTE MANAGEMENT AND TOOLING MANAGEMENT FACILITIES**  
[54] **CENTRALE NUCLEAIRE AVEC INSTALLATIONS DE GESTION DES DECHETS DANGEREUX ET INSTALLATIONS DE GESTION DE L'OUTILLAGE DANGEREUX**  
[72] WILSON, SHAWN M., CA  
[72] ROBERTS, TED, CA  
[72] LANCASTER, LORRIE J., CA  
[72] LEFRANCOIS, DAVE E., CA  
[73] GE-HITACHI NUCLEAR ENERGY CANADA INC., CA  
[86] (2727487)  
[87] (2727487)  
[22] 2011-01-14

[11] **2,727,534**  
[13] C

- [51] **Int.Cl. F04D 29/40 (2006.01) B66C 1/66 (2006.01) B66F 11/00 (2006.01) F04D 7/02 (2006.01) F04D 29/10 (2006.01) F04D 29/60 (2006.01) F16J 15/16 (2006.01)**  
[25] EN  
[54] **IMPROVEMENTS RELATING TO PUMP SEAL ASSEMBLIES**  
[54] **AMELIORATIONS D'ENSEMBLES D'ETANCHEITE DE POMPE**  
[72] FOREMAN, MICHAEL CHRISTOPHER, AU  
[73] WEIR MINERALS AUSTRALIA LTD, AU  
[85] 2010-12-10  
[86] 2009-06-12 (PCT/AU2009/000744)  
[87] (WO2009/149513)  
[30] AU (2008903030) 2008-06-13  
[30] AU (2008904168) 2008-08-14  
[30] AU (2008904162) 2008-08-14  
[30] AU (2008904165) 2008-08-14  
[30] AU (2008904166) 2008-08-14  
[30] AU (2008904167) 2008-08-14

[11] **2,728,117**  
[13] C

- [51] **Int.Cl. A61J 1/00 (2006.01) A61K 9/19 (2006.01) F26B 5/06 (2006.01)**  
[25] EN  
[54] **CONTAINER FOR MEDICAL PRODUCTS AND METHOD FOR PRODUCTION OF SAID CONTAINER**  
[54] **CONTENANT POUR PRODUITS MEDICAMENTEUX ET SON PROCEDE DE FABRICATION**  
[72] BOETTGER, FRANK, DE  
[72] BOEBST, BENJAMIN, DE  
[72] KOCH, PATRICIA, DE  
[73] ARZNEIMITTEL GMBH APOTHEKER VETTER & CO. RAVENSBURG, DE  
[85] 2010-12-15  
[86] 2009-06-18 (PCT/EP2009/004385)  
[87] (WO2009/153039)  
[30] DE (10 2008 030 273.2) 2008-06-19

[11] **2,728,163**  
[13] C

- [25] EN  
[54] **FEED**  
[54] **ALIMENT POUR ANIMAUX**  
[72] SAITO, SANSHIRO, JP  
[72] SATO, TOSHIRO, JP  
[72] KATAOKA, HISASHI, JP  
[72] TANI, KENTARO, JP  
[72] TSUBOTA, MASAFUMI, JP  
[73] J-OIL MILLS, INC., JP  
[85] 2010-12-15  
[86] 2009-02-17 (PCT/JP2009/000617)  
[87] (WO2009/157112)  
[30] JP (2008-168843) 2008-06-27

[11] **2,729,333**  
[13] C

- [51] **Int.Cl. B26F 1/00 (2006.01) A01G 25/02 (2006.01) B25B 7/02 (2006.01) B26B 17/00 (2006.01) B26F 1/36 (2006.01)**  
[25] FR  
[54] **HAND-OPERATED PLIERS**  
[54] **PINCE A COMMANDE MANUELLE**  
[72] AMOUROUX, CHRISTOPHE, FR  
[73] AMOUROUX, CHRISTOPHE, FR  
[73] LAMMENS, HENRI, FR  
[73] VERMERSCH, CAROLE, FR  
[73] DORCY, YVES, FR  
[73] DORCY, GERAUD, FR  
[73] LEFEBVRE, YANNICK, FR  
[73] VANNEYRE, ALAIN, FR  
[85] 2010-12-23  
[86] 2009-06-24 (PCT/FR2009/051206)  
[87] (WO2009/156693)  
[30] FR (08 54305) 2008-06-27

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January 5, 2016**

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[13] C

[51] **Int.Cl. A61B 5/00 (2006.01)**  
[25] EN  
[54] **QUANTITATIVE MULTI-SPECTRAL OPTO-ACOUSTIC TOMOGRAPHY (MSOT) OF TISSUE BIOMARKERS**  
[54] **TOMOGRAPHIE OPTO-ACOUSTIQUE MULTI-SPECTRALE QUANTITATIVE (MSOT) DE BIOMARQUEURS TISSULAIRES**  
[72] RAZANSKY, DANIEL, DE  
[72] NTZIACHRISTOS, VASILIS, DE  
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[54] **PROCEDE POUR LA CONVERSION FLEXIBLE DE GASOIL SOUS VIDE**  
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[72] COOK, BRUCE R., US  
[72] FERRUGHELLI, DAVID T., US  
[72] ENGLISH, JASON B., US  
[72] LOWENTHAL, STEVEN S., US  
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[72] PICKETT, NIGEL, GB  
[72] MCCAIRN, MARK CHRISTOPHER, GB  
[72] DANIELS, STEVEN MATTHEW, GB  
[72] MUSHTAQ, IMRANA, GB  
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[54] **OUTIL DE COUPE ET PLAQUETTE DE COUPE ASSOCIEE**  
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[54] **BARRE A COMMANDE ELECTRIQUE HAUTE RESISTANCE DOTEE D'UN MECANISME DE VERROUILLAGE PAR GRAVITE**  
[72] ORBETA, FERDINAND E., US  
[72] SCHILDWACHTER, WILLIAM, US  
[73] TRINE ACCESS TECHNOLOGY, INC., US  
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[54] **CONNECTEUR A VITESSE ELEVEE AVEC COMPENSATION A PLUSIEURS ETAGES**  
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[54] **UNITE HOULOMOTRICE POURVUE D'UN GENERATEUR LINEAIRE ELECTRIQUE**  
[72] STROEMSTEDT, ERLAND, SE  
[72] GUSTAFSSON, STEFAN, SE  
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[72] LEIJON, MATS, SE  
[72] GUSTAFSSON, STEFAN, SE  
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[54] **DETECTEUR DE SYSTEME MICROELECTROMECHANIQUE UTILISE DANS LE DOMAINE BIOLOGIQUE (BIOMEMS) ET APPAREILS ET PROCEDES CONNEXES**  
[72] DEMIR, HILMI VOLKAN, TR  
[72] PUTTLITZ, CHRISTIAN MATTHEW, US  
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[54] **COMMANDE D'UNE MISE A JOUR DE QUALITE DE SERVICE DE RESEAU**  
[72] ZHAO, XIAOMING, US  
[72] ARZELIER, CLAUDE JEAN FREDERIC, GB  
[73] BLACKBERRY LIMITED, CA  
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[73] TOWER LABORATORIES, INC., US  
[85] 2011-03-02  
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[54] **WIRELESS BUILDING MANAGEMENT SYSTEM AND METHOD USING A BUILDING MODEL**  
[54] **SYSTEME DE GESTION D'IMMEUBLE SANS FIL ET PROCEDE UTILISANT UN MODELE D'IMMEUBLE**  
[72] ROSCA, JUSTINIAN, US  
[72] AHMED, OSMAN, US  
[72] SASTRY, CHELLURY R., US  
[72] LEBLANC, RICHARD JOHN, US  
[73] SIEMENS CORPORATION, US  
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[54] **SYSTEME CRYOGENIQUE ET PROCEDE D'UTILISATION**  
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[72] ROBILOTTO, ANTHONY T., US  
[72] SNYDER, KRISTI K., US  
[72] CHEEKS, ROY, US  
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[54] **DISPOSITIF DE REPARATION RAPIDE DE CONDUITS CORPORELS**  
[72] CULLY, EDWARD H., US  
[72] DUNCAN, JEFFREY B., US  
[72] FLURY, KEITH M., US  
[72] GOODMAN, PAUL D., US  
[72] HOUSE, WAYNE D., US  
[72] LEVERING, VRAD W., US  
[72] OFF, PHILIP P., US  
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[54] **PROCEDE ET SYSTEME DE TRANSCODAGE A FAIBLE COMPLEXITE D'IMAGES AVEC UNE QUALITE PRESQUE OPTIMALE**

[72] COULOMBE, STEPHANE, CA  
[72] PIGEON, STEVEN, CA  
[73] ECOLE DE TECHNOLOGIE SUPERIEURE, CA

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[54] **USER INTERFACE METHODS AND APPARATUS FOR USE IN COMMUNICATING MESSAGES**

[54] **PROCEDES ET APPAREIL POUR INTERFACE UTILISATEUR UTILISES POUR TRANSMETTRE DES MESSAGES**

[72] RIDDLE, TOM FRANCIS, US  
[72] PARRETT, JOHN BENNETT, US  
[73] BLACKBERRY LIMITED, CA

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[54] **COMPOSITION PHARMACEUTIQUE A LIBERATION CONTROLEE DEPENDANT DES VARIATIONS DU PH RENFERMANT DES SUBSTANCES AUTRES QUE DES OPIOIDES ET SE MONTRANT RESISTANTE AUX EFFETS DE L'ETHANOL**

[72] BAER, HANS, DE  
[72] FUERST, THOMAS, DE  
[72] RENNER, GERHARD, DE  
[72] GOTTSCHALK, MICHAEL, DE  
[73] EVONIK ROEHM GMBH, DE

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[54] **ANALOGUES DE CHROMENONE EN TANT QUE MODULATEURS DE SIRTUINE**

[72] OALMANN, CHRISTOPHER, US  
[72] PERNI, ROBERT B., US  
[72] VU, CHI B., US  
[73] SIRTRIS PHARMACEUTICALS, INC., US

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[54] **METHOD AND TOOL FOR DETERMINATION OF FRACTURE GEOMETRY IN SUBTERRANEAN FORMATIONS BASED ON IN-SITU NEUTRON ACTIVATION ANALYSIS**

[54] **PROCEDE ET OUTIL DE DETERMINATION D'UNE GEOMETRIE DE FRACTURE DANS DES FORMATIONS SOUTERRAINES SUR LA BASE D'UNE ANALYSE D'ACTIVATION DE NEUTRONS IN SITU**

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[72] GARDNER, ROBIN P., US  
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[72] LAMMINMAKI, RALF-JOHAN, FI  
[72] KALLIOINEN, JANI, FI  
[72] RUOHONEN, ARJA-LEENA, FI  
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- [54] **CONTENEUR ET ABRI A HAUTEUR EXTENSIBLE ET DE FAIBLE ENCOMBREMENT**
- [72] JOHNSON, BRIAN D., CA  
[72] THORNE, GLEN V., CA  
[73] WEATHERHAVEN GLOBAL RESOURCES LTD., CA
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- [54] **MECANISME DE SERRAGE D'UN OUTIL DE COUPE**
- [72] SATRAN, AMIR, IL  
[72] TULCHINSKY, EVGENY, IL  
[72] KOIFMAN, ALEXANDER, IL  
[73] ISCAR LTD., IL
- [85] 2011-05-06  
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- [54] **DEUX INDICES SE DEPLACANT DANS DES DIRECTIONS OPPOSEES POUR DES COMMUNICATIONS CRYPTOGRAPHIQUES BIDIRECTIONNELLES UTILISANT UNE CLE MAITRESSE COMMUNE**
- [72] SMITH, RYAN TRACY, CA  
[73] BLACKBERRY LIMITED, CA
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- [54] **EQUIPEMENT AVIONIQUE SECURISE ET PROCEDE DE SECURISATION ASSOCIE**
- [72] LABARRE, ETIENNE, FR  
[72] VOGTENBERGER, PHILIPPE, FR  
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- [85] 2011-05-12  
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- [54] **PROCEDE, APPAREIL, ET PRODUIT DE PROGRAMME INFORMATIQUE DESTINES A GERER DES VERSIONS LOGICIELLES**
- [72] TAKALA, JANNE, FI  
[72] MUUKKA, OLLI PEKKA JUHANI, FI  
[72] TAMMINEN, RAUNO JUHANI, FI  
[72] JARVINEN, JANNE JOHANNES, FI  
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- [54] **SYSTEME ET PROCEDE DE DECHARGEMENT D'UN RESERVOIR CIRCULAIRE**
- [72] NIEMEYER, DOUGLAS J., US  
[72] DINGELDEIN, MARK S., US  
[73] CTB, INC., US
- [85] 2011-06-27  
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[54] **PANNEAU DE COMMANDE ACCESSIBLE POUR APPAREIL ELECTRIQUE SUSPENDU DANS UN SYSTEME DE PLAFOND SUSPENDU**  
[72] PARIGORIS, RONALD J., US  
[72] GUTSCHOW, WAYNE A., US  
[72] HARTMAN, BENJAMIN, US  
[73] NEXTEK POWER SYSTEMS, INC., US  
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[54] **VALVE SEAT APPARATUS HAVING POSITIVE RETENTION FOR USE WITH FLUID CONTROL DEVICES**  
[54] **APPAREIL DE SIEGE DE VANNE OFFRANT UNE RETENTION POSITIVE A UTILISER AVEC LES DISPOSITIFS DE CONTROLE DE FLUIDES**  
[72] DURANT, TONY ALAN, US  
[72] LARSEN, SAMUEL H., US  
[72] SCHIMNOWSKI, KENNETH ROGER, US  
[73] EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC., US  
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[54] **PROCEDES, REACTIFS ET NECESSAIRES DE DETERMINATION DES MODULATEURS DE CANAUX SODIQUES DEPENDANTS D'UNE DIFFERENCE DE POTENTIEL**  
[72] CHAHINE, MOHAMED, CA  
[73] UNIVERSITE LAVAL, CA  
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[54] **RONDELLE DE REDUCTION D'ETANCHEISATION**  
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[73] BRIDGEPORT FITTINGS, INC., US  
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[54] **DISPOSITIF ET PROCEDE DE FABRICATION D'UNE BANDE DE MATIERE**  
[72] BOECHAT, JOAO VICTOR, BR  
[72] SCHERB, THOMAS, BR  
[72] SILVA, LUIZ CARLOS, BR  
[72] BERARDI, ROGERIO, BR  
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[51] **Int.Cl. F41H 7/00 (2006.01) B62D 33/06 (2006.01) F41H 7/03 (2006.01)**  
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[54] **DEFORMABLE MODULAR ARMORED COMBAT SYSTEM**  
[54] **SYSTEME DE COMBAT BLINDE MODULAIRE DEFORMABLE**  
[72] HALLIDAY, DONALD R., US  
[73] HAL-TECH LIMITED, US  
[85] 2011-06-27  
[86] 2009-12-22 (PCT/US2009/069122)  
[87] (WO2010/128997)  
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[13] C

[51] **Int.Cl. F16K 17/04 (2006.01) F16K 17/30 (2006.01) F16K 31/365 (2006.01)**  
[25] EN  
[54] **PRESSURE REDUCING VALVE**  
[54] **SOUPAPE DE DECHARGE**  
[72] YAMAMOTO, HIROAKI, JP  
[73] KEIHIN CORPORATION, JP  
[85] 2011-06-29  
[86] 2010-02-01 (PCT/JP2010/051342)  
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[25] EN

[54] **METHODS OF FORMING POLYCRYSTALLINE DIAMOND CUTTING ELEMENTS, CUTTING ELEMENTS SO FORMED AND DRILL BITS SO EQUIPPED**

[54] **PROCEDES DE FORMATION D'ELEMENTS DE COUPE DE DIAMANT POLYCRISTALLIN, ELEMENTS DE COUPE AINSI FORMES ET TREPANS AINSI EQUIPES**

[72] SCOTT, DAN E., US

[73] BAKER HUGHES INCORPORATED, US

[85] 2011-07-14

[86] 2010-01-15 (PCT/US2010/021097)

[87] (WO2010/083351)

[30] US (61/145,155) 2009-01-16

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[13] C

[51] **Int.Cl. C09K 8/60 (2006.01) C09K 8/68 (2006.01) C09K 8/70 (2006.01)**

[25] EN

[54] **FLUID LOSS ADDITIVE AND BREAKING AGENT**

[54] **ADDITIF CONTRE LA PERTE DE FLUIDE ET AGENT DE FRACTURATION**

[72] LADVA, HEMANT K., US

[72] ALI, SYED, US

[72] PANGA, MOHAN K. R., US

[72] HUTCHINS, RICHARD D., US

[72] WILLIAMSON, DON, US

[73] SCHLUMBERGER CANADA LIMITED, CA

[85] 2011-07-19

[86] 2010-01-15 (PCT/IB2010/050201)

[87] (WO2010/084442)

[30] US (12/356,276) 2009-01-20

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[13] C

[51] **Int.Cl. G06F 3/0484 (2013.01) G06F 3/0481 (2013.01)**

[25] EN

[54] **HUMAN MACHINE INTERFACE NAVIGATION TOOL**

[54] **OUTIL DE NAVIGATION D'INTERFACE HOMME-MACHINE**

[72] MADSEN, KARSTEN, DK

[72] BLOMBERG, PETER, SE

[73] ALFA LAVAL CORPORATE AB, SE

[85] 2011-07-22

[86] 2010-02-04 (PCT/EP2010/051348)

[87] (WO2010/091989)

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[13] C

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[25] EN

[54] **DETERMINING POSITION AND ORIENTATION OF A DENTAL IMPLANT**

[54] **DETERMINATION DE POSITION ET D'ORIENTATION D'UN IMPLANT DENTAIRE**

[72] LAWITSCHKA, UWE, CH

[72] HOMANN, FRANK, CH

[72] STRAUB, BENJAMIN, CH

[73] STRAUMANN HOLDING AG, CH

[85] 2011-07-29

[86] 2010-02-11 (PCT/EP2010/000854)

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[51] **Int.Cl. H01M 2/08 (2006.01) H01M 2/02 (2006.01) H01M 2/04 (2006.01)**

[25] EN

[54] **CLOSURE ASSEMBLY FOR ELECTROCHEMICAL CELLS**

[54] **ENSEMBLE DE FERMETURE POUR PILES ELECTROCHIMIQUES**

[72] WENDLING, MATTHEW T., US

[72] SCHUBERT, MARK A., US

[72] WU, JAMES X., US

[73] ENERGIZER BRANDS, LLC, US

[85] 2011-08-17

[86] 2010-01-27 (PCT/US2010/022158)

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[25] EN

[54] **FAST FREQUENCY HOPPING WITH A CODE DIVISION MULTIPLEXED PILOT IN AN OFDMA SYSTEM**

[54] **SAUT DE FREQUENCE RAPIDE AVEC PILOTE A MULTIPLEXAGE PAR DIVISION DE CODE DANS UN SYSTEME OFDMA**

[72] AGRAWAL, AVNEESH, US

[72] TEAGUE, EDWARD HARRISON, US

[73] QUALCOMM INCORPORATED, US

[86] (2753999)

[87] (2753999)

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[30] US (60/470,107) 2003-05-12

[30] US (10/726,944) 2003-12-03

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[13] C

[51] **Int.Cl. B65D 81/00 (2006.01) B65B 5/00 (2006.01) B65D 21/00 (2006.01) B65D 81/34 (2006.01)**

[25] EN

[54] **MODULAR CONTAINER ASSEMBLY**

[54] **ENSEMBLE DE CONTENANT MODULAIRE**

[72] MCDONALD, SANDY, US

[72] ZOMPOLAS, NICHOLAS HARRY, US

[73] POLYONE DESIGNED STRUCTURES AND SOLUTIONS LLC, US

[86] (2755718)

[87] (2755718)

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[25] EN  
[54] **POLYMER MEMBRANES DERIVED FROM AROMATIC POLYIMIDE MEMBRANES**  
[54] **MEMBRANES POLYMERES ISSUES DE MEMBRANES POLYIMIDE AROMATIQUES**  
[72] LIU, CHUNQING, US  
[72] SERBAYEVA, RAISA, US  
[72] TANG, MAN-WING, US  
[72] ZHOU, LUBO, US  
[72] COUGHLIN, PETER K., US  
[73] UOP LLC, US  
[85] 2011-09-19  
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[51] **Int.Cl. H04W 12/00 (2009.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR SECURING DATA OF A MOBILE COMMUNICATIONS DEVICE**  
[54] **METHODE ET SYSTEME PERMETTANT DE SECURISER DES DONNEES D'UN APPAREIL DE COMMUNICATION MOBILE**  
[72] PIGEON, NICOLE, US  
[72] TU, VAN QUY, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2756523)  
[87] (2756523)  
[22] 2011-11-01  
[30] US (61/408,882) 2010-11-01

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[13] C

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[25] EN  
[54] **DISPLAY DEVICES CONTAINING A CIRCULAR POLARIZING SYSTEM AND METHODS RELATED THERETO**  
[54] **DISPOSITIFS D'AFFICHAGE CONTENANT UN SYSTEME DE POLARISATION CIRCULAIRE ET PROCEDES CONNEXES**  
[72] FLETCHER, BERGEN ALBERT, CA  
[72] PURDY, MICHAEL LORNE, CA  
[72] PRIETO, GLOVER RUIZ, CA  
[72] ROBINSON, JAMES ALEXANDER, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2756547)  
[87] (2756547)  
[22] 2011-11-01  
[30] EP (10189878.1) 2010-11-03

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[13] C

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[25] EN  
[54] **MULTILAYER SUSCEPTOR STRUCTURE**  
[54] **STRUCTURE DE SUSCEPTEUR MULTICOUCHE**  
[72] COLE, LORIN R., US  
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US  
[85] 2011-09-26  
[86] 2010-04-19 (PCT/US2010/031541)  
[87] (WO2010/123790)  
[30] US (61/214,106) 2009-04-20

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[25] EN  
[54] **METHOD, DEVICE AND COMPUTER PROGRAM PRODUCT FOR MAGNETIC TAMPER DETECTION IN A METER**  
[54] **METHODE, DISPOSITIF ET PROGRAMME INFORMATIQUE POUR LA DETECTION MAGNETIQUE DE TENTATIVES FRAUDULEUSES DANS UN COMPTEUR**  
[72] PRIDE, BRUCE MICHAEL, US  
[73] GENERAL ELECTRIC COMPANY, US  
[86] (2757886)  
[87] (2757886)  
[22] 2011-11-10  
[30] US (12/948,986) 2010-11-18

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[25] EN  
[54] **METHOD FOR PROCESSING BIOMATERIALS**  
[54] **PROCEDE DE TRANSFORMATION DE BIOMATERIAUX**  
[72] SIMUNOVIC, JOSIP, US  
[72] DROZD, JAMES MICHAEL, US  
[73] ULTRASEPTICS, INC., US  
[85] 2011-07-08  
[86] 2009-09-23 (PCT/US2009/057989)  
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[25] EN  
[54] **HOME APPLIANCE AND HOME APPLIANCE SYSTEM**  
[54] **APPAREIL DOMESTIQUE ET SYSTEME POUR APPAREIL DOMESTIQUE**  
[72] KIM, HYUN SANG, KR  
[72] KWON, EUI HYEOK, KR  
[72] KANG, HAE YONG, KR  
[72] KIM, YONG TAE, KR  
[72] LEE, KOON SEOK, KR  
[73] LG ELECTRONICS INC., KR  
[85] 2011-10-07  
[86] 2010-04-09 (PCT/KR2010/002211)  
[87] (WO2010/117242)  
[30] KR (10-2009-0031497) 2009-04-10  
[30] US (61/168,388) 2009-04-10

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[13] C

[51] **Int.Cl. H04W 4/12 (2009.01) H04W 12/10 (2009.01)**  
[25] EN  
[54] **CROSS-COMPONENT CRYPTOGRAPHIC MESSAGE SYNTAX MESSAGE CONSTRUCTION**  
[54] **CONSTRUCTION D'UN MESSAGE A SYNTAXE DE MESSAGE CRYPTOGRAPHIQUE A ELEMENTS CROISES**  
[72] SHERKIN, ALEXANDER, CA  
[72] VATS, NIKHIL, CA  
[72] SINGH, RAVI, CA  
[72] ADAMS, NEIL PATRICK, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2758364)  
[87] (2758364)  
[22] 2011-11-17  
[30] US (61/415,103) 2010-11-18

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[11] **2,758,779**  
[13] C

[51] **Int.Cl. G01F 1/74 (2006.01) G01N 33/28 (2006.01) G01F 1/84 (2006.01) G01N 27/10 (2006.01)**  
[25] EN  
[54] **DETERMINING CONCENTRATIONS OF COMPONENTS OF A MIXTURE**  
[54] **DETERMINATION DES CONCENTRATIONS D'ELEMENTS D'UN MELANGE**  
[72] HENRY, MANUS P., US  
[73] INVENSYS SYSTEMS, INC., US  
[86] (2758779)  
[87] (2758779)  
[22] 2011-11-18  
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[13] C

[51] **Int.Cl. A01B 71/04 (2006.01)**  
[25] EN  
[54] **A SEALED HUB-BEARING ASSEMBLY FOR AGRICULTURAL APPLICATIONS**  
[54] **ENSEMBLE ROULEMENT DE MOYEU ETANCHE POUR APPLICATIONS AGRICOLES**  
[72] MORERO, LUCA, IT  
[72] PICATTO, FABIO, IT  
[72] ANDERSSON, OVE LENNART, SE  
[72] URSO, STEFANO, IT  
[72] MARIVO, MASSIMO, IT  
[72] MALDERA, CARLO, IT  
[72] PANCHETTI, MARCO, IT  
[72] MAGNETTO, ANDREA, IT  
[73] AKTIEBOLAGET SKF, SE  
[85] 2011-10-17  
[86] 2009-04-29 (PCT/EP2009/055203)  
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[25] EN  
[54] **OVERHEAD POWER LINE MONITOR**  
[54] **DISPOSITIF DE SURVEILLANCE DE LIGNE ELECTRIQUE AERIENNE**  
[72] ALEX, PAUL ALAN, US  
[72] BREESE, DUNCAN, US  
[72] FISH, LARRY, US  
[72] LIPSKY, CHARLES, US  
[72] XU, CHUNCHUAN, US  
[73] UNDERGROUND SYSTEMS, INC., US  
[85] 2011-10-17  
[86] 2010-04-29 (PCT/US2010/033009)  
[87] (WO2010/127145)  
[30] US (61/174,228) 2009-04-30

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[13] C

[51] **Int.Cl. G09G 5/10 (2006.01) G06F 1/00 (2006.01)**  
[25] EN  
[54] **HANDHELD ELECTRONIC COMMUNICATION DEVICE HAVING AN AGE COMPENSATING DISPLAY**  
[54] **DISPOSITIF DE COMMUNICATION ELECTRONIQUE A MAIN EQUIPE D'UN AFFICHAGE A COMPENSATION D'USURE**  
[72] GRIFFIN, JASON TYLER, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2759327)  
[87] (2759327)  
[22] 2011-11-22  
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[25] EN

[54] **PROCESS FOR THE IODINATION OF AROMATIC COMPOUNDS**

[54] **PROCEDE POUR L'IODATION DE COMPOSES AROMATIQUES**

[72] CITTERIO, ATTILIO, IT  
[72] LATTUADA, LUCIANO, IT  
[72] FERRIGATO, AURELIA, IT  
[72] FRETТА, ROBERTA, IT  
[72] MAZZON, ROBERTA, IT  
[72] MELI, GABRIELE, IT  
[72] LEONARDI, GABRIELLA, IT  
[72] UGGERI, FULVIO, IT  
[72] VIGNALE, EVELIN, IT  
[72] VISIGALLI, MASSIMO, IT  
[73] BRACCO IMAGING S.P.A., IT  
[85] 2011-10-20  
[86] 2010-04-08 (PCT/EP2010/054624)  
[87] (WO2010/121904)  
[30] EP (09158319.5) 2009-04-21

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[13] C

[51] **Int.Cl. A47J 37/06 (2006.01) A47J 27/62 (2006.01)**

[25] EN

[54] **A DOUBLE-LAYER GRILLING DEVICE**

[54] **DISPOSITIF POUR GRIL DOUBLE COUCHE**

[72] ZHAN, YIXIN, CN  
[72] HUANG, HONGSHAN, CN  
[73] TSANN KUEN (ZHANGZHOU) ENTERPRISE CO., LTD., CN  
[86] (2760034)  
[87] (2760034)  
[22] 2011-12-01  
[30] CN (201020640960.1) 2010-12-02

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[13] C

[51] **Int.Cl. E21B 7/04 (2006.01) E21B 43/14 (2006.01) E21B 43/30 (2006.01)**

[25] EN

[54] **METHODS AND APPARATUS FOR DRILLING, COMPLETING AND CONFIGURING U-TUBE BOREHOLES**

[54] **PROCEDES ET APPAREIL DE FORAGE, DE COMPLETION ET DE CONFIGURATION DE TROUS DE FORAGE A TUBE EN U**

[72] HAY, RICHARD THOMAS, US  
[72] LEE, DEAN, US  
[72] GIL, NESTOR HUMBERTO, CA  
[72] TEBBUTT, KYLER, CA  
[72] SCHNELL, RODNEY ALAN, CA  
[72] HESS, JOE E., US  
[72] GRILLS, TRACY LORNE, CA  
[72] RYAN, BARRY GERARD, CA  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[86] (2760495)  
[87] (2760495)  
[22] 2005-11-17  
[62] 2,588,135  
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[13] C

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[25] EN

[54] **CLIP SUPPLY**

[54] **ALIMENTATION EN CLIPS**

[72] EBERT, DETLEF, DE  
[72] BIENERT, OLAF, DE  
[73] POLY-CLIP SYSTEM GMBH & CO. KG, DE  
[86] (2760718)  
[87] (2760718)  
[22] 2011-12-05  
[30] EP (10194964.2-1260) 2010-12-14

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[13] C

[51] **Int.Cl. A61K 31/167 (2006.01) A61K 8/41 (2006.01) A61K 8/42 (2006.01) A61K 8/63 (2006.01) A61K 31/138 (2006.01) A61K 31/569 (2006.01)**

[25] EN

[54] **METHODS FOR ADMINISTRATION AND FORMULATIONS FOR THE TREATMENT OF REGIONAL ADIPOSE TISSUE**

[54] **METHODES D'ADMINISTRATION ET FORMULATIONS DESTINEES AU TRAITEMENT DE TISSU ADIPEUX REGIONAL**

[72] DOBAK, JOHN DANIEL, US  
[72] LOCKE, KENNETH WALTER, US  
[73] NEOTHETICS, INC., US  
[85] 2011-11-10  
[86] 2010-05-27 (PCT/US2010/036484)  
[87] (WO2010/138770)  
[30] US (61/181,627) 2009-05-27  
[30] US (61/251,624) 2009-10-14  
[30] US (61/289,972) 2009-12-23

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[13] C

[51] **Int.Cl. H04W 36/00 (2009.01) H04W 64/00 (2009.01)**

[25] EN

[54] **HANDOFF IN DORMANT MODE IN A PACKET DATA NETWORK**

[54] **TRANSFERT EN MODE PASSIF DANS UN RESEAU DE DONNEES EN PAQUETS**

[72] HSU, RAYMOND T., US  
[72] MAHENDRAN, ARUNGUNDRAM C., US  
[73] QUALCOMM INCORPORATED, US  
[86] (2761980)  
[87] (2761980)  
[22] 2003-10-09  
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[30] US (10/269,936) 2002-10-10

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[13] C

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[25] EN  
[54] **HYDROCARBON GAS PROCESSING**  
[54] **TRAITEMENT DE GAZ D'HYDROCARBURES**  
[72] JOHNKE, ANDREW F., US  
[72] LEWIS, W. LARRY, US  
[72] WILKINSON, JOHN D., US  
[72] LYNCH, JOE T., US  
[72] HUDSON, HANK M., US  
[72] CUELLAR, KYLE T., US  
[73] ORTLOFF ENGINEERS, LTD., US  
[73] S.M.E. PRODUCTS LP, US  
[85] 2011-12-01  
[86] 2010-03-31 (PCT/US2010/029331)  
[87] (WO2010/144172)  
[30] US (61/186,361) 2009-06-11  
[30] US (12/689,616) 2010-01-19  
[30] US (12/717,394) 2010-03-04

[11] **2,765,271**  
[13] C

- [51] **Int.Cl. A61K 33/38 (2006.01) A61K 6/00 (2006.01) A61K 6/08 (2006.01) A61K 33/40 (2006.01) A61L 2/16 (2006.01) A61L 9/00 (2006.01) A61P 29/00 (2006.01) A61P 31/00 (2006.01) F24F 3/16 (2006.01)**  
[25] EN  
[54] **SILVER HYDROSOL, DENTAL APPLICATION AND OTHER USES THEREOF**  
[54] **HYDROSOL ARGENTE, UTILISATIONS EN DENTISTERIE ET AUTRES**  
[72] WILLOUGHBY, ANDREW J. M., CA  
[73] AMERICAN SILVER, LLC, US  
[85] 2011-12-12  
[86] 2010-06-10 (PCT/IB2010/001674)  
[87] (WO2010/143075)  
[30] US (12/482,359) 2009-06-10

[11] **2,765,377**  
[13] C

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[25] EN  
[54] **METHOD FOR CONTROLLING HOT WATER TEMPERATURE THROUGH OPERATION OF A CIRCULATION PUMP**  
[54] **METHODE PERMETTANT LE CONTROLE DE TEMPERATURE D'EAU CHAUDE AU MOYEN DE L'EXPLOITATION D'UNE POMPE DE CIRCULATION**  
[72] KIM, SI-HWAN, KR  
[72] SONG, YONGMIN, KR  
[73] KYUNG DONG ONE CORPORATION, KR  
[85] 2012-01-17  
[86] 2010-10-21 (PCT/KR2010/007236)  
[87] (WO2012/053679)

[11] **2,766,108**  
[13] C

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[25] EN  
[54] **BALL-RAMP CLUTCH**  
[54] **EMBRAYAGE COMPRENANT UNE RAMPE A BILLES**  
[72] GREENE, DARRELL F., CA  
[73] MAGNA POWERTRAIN INC., CA  
[85] 2011-12-20  
[86] 2010-06-21 (PCT/CA2010/000978)  
[87] (WO2010/148507)  
[30] US (61/219,472) 2009-06-23

[11] **2,766,115**  
[13] C

- [51] **Int.Cl. H05K 7/20 (2006.01) G06F 1/20 (2006.01) H01L 23/34 (2006.01)**  
[25] EN  
[54] **PASSIVE COOLING ENCLOSURE SYSTEM AND METHOD FOR ELECTRONICS DEVICES**  
[54] **SYSTEME D'ENCEINTE DE REFROIDISSEMENT PASSIF ET PROCEDE POUR DISPOSITIFS ELECTRONIQUES**  
[72] FACUSSE, MARIO E., US  
[73] XYBER TECHNOLOGIES, LLC., US  
[85] 2011-12-20  
[86] 2010-04-06 (PCT/US2010/030118)  
[87] (WO2011/005342)  
[30] US (12/488,818) 2009-06-22  
[30] US (12/716,888) 2010-03-03

[11] **2,766,640**  
[13] C

- [51] **Int.Cl. A61B 18/14 (2006.01) A61B 5/042 (2006.01)**  
[25] EN  
[54] **MAP AND ABLATE OPEN IRRIGATED HYBRID CATHETER**  
[54] **CATHETER HYBRIDE IRRIGUE OUVERT DE CARTOGRAPHIE ET D'ABLATION**  
[72] KIM, ISAAC, US  
[72] KOBLISH, JOSEF, US  
[72] VELILLA, SIMPLICIO, US  
[72] MIRIGIAN, MARK, US  
[73] BOSTON SCIENTIFIC SCIMED, INC., US  
[85] 2011-12-22  
[86] 2010-06-23 (PCT/US2010/039600)  
[87] (WO2011/008444)  
[30] US (61/221,967) 2009-06-30  
[30] US (61/325,456) 2010-04-19

[11] **2,766,887**  
[13] C

- [51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/08 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR DETERMINING BREATHING EFFORT CHARACTERISTIC MEASURES**  
[54] **PROCEDE ET APPAREIL POUR DETERMINER DES MESURES DE CARACTERISTIQUES D'EFFORT RESPIRATOIRE**  
[72] ADDISON, PAUL STANLEY, GB  
[72] CASSIDY, ANDREW, GB  
[72] WATSON, JAMES N., GB  
[73] NELLCOR PURITAN BENNETT IRELAND, IE  
[85] 2011-12-28  
[86] 2010-07-02 (PCT/IB2010/001675)  
[87] (WO2011/001280)  
[30] US (12/497,291) 2009-07-02

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[13] C

[51] **Int.Cl. C12N 1/20 (2006.01)**  
[25] EN  
[54] **NOVEL LACTOBACILLUS  
PLANTARUM AND  
COMPOSITION CONTAINING  
SAME**

[54] **NOUVEAU LACTOBACILLUS  
PLANTARUM ET COMPOSITION  
EN CONTENANT**

[72] KIM, BONG JOON, KR  
[72] JUNG, HEON WOONG, KR  
[72] KOH, JI HOON, KR  
[72] KIM, TAE JIN, KR  
[72] LEE, KANG PYO, KR  
[72] HWANG, KWANG WOO, KR  
[72] WON, TAE JOON, KR  
[73] CJ CHEILJEDANG CORP., KR  
[85] 2012-01-05  
[86] 2009-09-01 (PCT/KR2009/004911)  
[87] (WO2011/007922)  
[30] KR (10-2009-0064091) 2009-07-14

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[11] **2,767,412**  
[13] C

[51] **Int.Cl. B07B 13/14 (2006.01) B07B  
13/00 (2006.01)**  
[25] EN  
[54] **SEAL SYSTEMS FOR GRAIN  
SEPARATORS**

[54] **JOINTS D'ETANCHEITE POUR  
SEPARATEURS A GRAIN**

[72] HABERMAN, MATTHEW T., US  
[72] WEISS, KEVIN, US  
[73] CARTER DAY INTERNATIONAL,  
INC., US  
[86] (2767412)  
[87] (2767412)  
[22] 2012-02-07  
[30] US (61/441,465) 2011-02-10

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[51] **Int.Cl. A42B 3/04 (2006.01) A41D  
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(2006.01) A63B 71/10 (2006.01)**  
[25] EN  
[54] **PROTECTIVE HEADPIECE**  
[54] **PROTECTEUR POUR LA TETE**

[72] EMRICH, BRYAN, US  
[72] LARKIN, JOHN, US  
[72] MARIANI, FREDERICK, US  
[72] REMPE, WILLIAM, US  
[73] HOPLITE ARMOUR LLC, US  
[86] (2767704)  
[87] (2767704)  
[22] 2012-02-10  
[30] US (61/441,889) 2011-02-11  
[30] US (61/477,757) 2011-04-21

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[13] C

[51] **Int.Cl. B66F 15/00 (2006.01) B60S  
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[25] EN  
[54] **CAMERA DOLLY JACK**  
[54] **CRIC DE LEVAGE POUR  
CHARIOT A CAMERA**

[72] CHAPMAN, LEONARD T., US  
[73] CHAPMAN/LEONARD STUDIO  
EQUIPMENT, INC., US  
[86] (2768415)  
[87] (2768415)  
[22] 2012-02-21  
[30] US (13/042,326) 2011-03-07

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[11] **2,769,608**  
[13] C

[51] **Int.Cl. H04B 10/2507 (2013.01) H04B  
15/00 (2006.01)**  
[25] EN  
[54] **SIGNAL PROCESSING  
APPARATUS, TRANSMITTER,  
RECEIVER AND METHOD**

[54] **APPAREIL DE TRAITEMENT DE  
SIGNAUX, EMETTEUR,  
RECEPTEUR ET PROCEDE  
CONNEXE**

[72] NEBOJSA, STOJANOVIC, DE  
[73] HUawei TECHNOLOGIES CO.,  
LTD., CN  
[85] 2012-02-29  
[86] 2011-02-17 (PCT/CN2011/071047)  
[87] (WO2012/109791)

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G06F 15/00 (2006.01) H01R 35/02  
(2006.01)**  
[25] EN  
[54] **FLEXIBLE MOBILE COMPUTING  
DEVICES**

[54] **DISPOSITIF INFORMATIQUE  
MOBILE ET FLEXIBLE**

[72] LEUNG, KWOK CHING, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2770941)  
[87] (2770941)  
[22] 2012-03-12  
[30] EP (11162663.6) 2011-04-15

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[11] **2,771,794**  
[13] C

[51] **Int.Cl. B04C 5/04 (2006.01) B04C 5/13  
(2006.01)**  
[25] EN  
[54] **CYCLONE FOR SEPARATING  
STICKY PARTICLES FROM GAS  
STREAMS**

[54] **CYCLONE POUR LA  
SEPARATION DE PARTICULES  
COLLANTES DE COURANTS  
GAZEUX**

[72] MISSALLA, MICHAEL, DE  
[72] SCHMITZ, MITHAT, DE  
[73] OUTOTEC OYJ, FI  
[85] 2012-02-22  
[86] 2010-08-04 (PCT/EP2010/004780)  
[87] (WO2011/032620)  
[30] DE (10 2009 042 013.4) 2009-09-21

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[11] **2,772,012**  
[13] C

[51] **Int.Cl. A47D 1/00 (2006.01) A47B  
83/04 (2006.01) A47C 1/00 (2006.01)**  
[25] EN  
[54] **CHILD CHAIR**

[54] **SIEGE POUR ENFANT**

[72] KENNEDY, BROOK, US  
[72] CEDAR, JONATHAN, US  
[72] KELLY, COLIN, US  
[72] PHIPPS, TROY, US  
[72] VERNON, RYAN, US  
[72] OXLEY, NICHOLAS, US  
[72] FREITAG, ERIC, US  
[73] HELEN OF TROY LIMITED, BB  
[85] 2012-02-23  
[86] 2010-08-30 (PCT/US2010/047098)  
[87] (WO2011/031572)  
[30] US (12/584,727) 2009-09-11

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[13] C

[51] **Int.Cl. A61M 5/24 (2006.01)**  
[25] EN  
[54] **MEDICAL CARTRIDGE  
RECEIVER HAVING ACCESS  
DEVICE**  
[54] **MECANISME RECEPTEUR DE  
CARTOUCHES MEDICALES  
DOTE D'UN DISPOSITIF D'ACCES**  
[72] SELVITELLI, DAVID M., US  
[72] FINKE, MELVIN A., US  
[72] TREMBLAY, KATHLEEN, US  
[73] TYCO HEALTHCARE GROUP LP,  
CA  
[86] (2773487)  
[87] (2773487)  
[22] 2012-04-03  
[30] US (61/471,909) 2011-04-05

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[11] **2,773,843**  
[13] C

[51] **Int.Cl. E21B 43/26 (2006.01) E21B  
43/12 (2006.01)**  
[25] EN  
[54] **MOBILE, MODULAR,  
ELECTRICALLY POWERED  
SYSTEM FOR USE IN  
FRACTURING UNDERGROUND  
FORMATIONS**  
[54] **SYSTEME ELECTRIQUE MOBILE  
ET MODULAIRE UTILISE POUR  
FRACTURER DES FORMATIONS  
SOUTERRAINES**  
[72] COLI, TODD, CA  
[72] SCHELISKE, ELDON, CA  
[73] EVOLUTION WELL SERVICES,  
LLC, US  
[86] (2773843)  
[87] (2773843)  
[22] 2012-04-10  
[30] US (61/472,861) 2011-04-07

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[11] **2,774,063**  
[13] C

[51] **Int.Cl. H02J 9/06 (2006.01)**  
[25] EN  
[54] **POWER CONVERSION SYSTEM  
AND UNINTERRUPTIBLE POWER  
SUPPLY SYSTEM**  
[54] **SYSTEME DE CONVERSION DE  
PUISSANCE ET SYSTEME  
D'ALIMENTATION SANS  
COUPURE**  
[72] NAKANO, TOSHIHIDE, JP  
[72] SANADA, KAZUNORI, JP  
[73] TOSHIBA MITSUBISHI-ELECTRIC  
INDUSTRIAL SYSTEMS  
CORPORATION, JP  
[85] 2012-03-13  
[86] 2010-05-18 (PCT/JP2010/058334)  
[87] (WO2011/033820)  
[30] JP (PCT/JP2009/066182) 2009-09-16

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[11] **2,775,723**  
[13] C

[51] **Int.Cl. H04N 21/43 (2011.01) H04N  
21/40 (2011.01) H04N 21/434  
(2011.01)**  
[25] EN  
[54] **DIGITAL BROADCAST  
RECEIVER AND METHOD FOR  
PROCESSING CAPTION  
THEREOF**  
[54] **RECEPTEUR DE  
RADIOIFFUSION NUMERIQUE  
ET METHODE DE TRAITEMENT  
DE SOUS-TITRES CONNEXES**  
[72] PARK, TAE JIN, KR  
[73] LG ELECTRONICS INC., KR  
[86] (2775723)  
[87] (2775723)  
[22] 2004-09-16  
[62] 2,736,071  
[30] KR (10-2003-0064442) 2003-09-17

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[11] **2,775,817**  
[13] C

[51] **Int.Cl. B60L 11/18 (2006.01) B60S  
5/00 (2006.01) H02M 5/12 (2006.01)**  
[25] EN  
[54] **CHARGING STATION FOR  
ELECTRIC VEHICLES**  
[54] **POSTE DE CHARGE POUR LES  
VEHICULES ELECTRIQUES**  
[72] POULSEN, PEDER ULRIK, US  
[73] POULSEN HYBRID, LLC, US  
[86] (2775817)  
[87] (2775817)  
[22] 2012-04-24  
[30] US (61/517.666) 2011-04-25  
[30] US (13/452.208) 2012-04-20

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[11] **2,775,856**  
[13] C

[51] **Int.Cl. E21B 19/24 (2006.01)**  
[25] EN  
[54] **BEARING ASSEMBLY**  
[54] **ENSEMBLE DE ROULEMENT**  
[72] FOOTE, DEAN, CA  
[72] PUSTANYK, RANDY, CA  
[73] CATHEDRAL ENERGY SERVICES  
LTD., CA  
[86] (2775856)  
[87] (2775856)  
[22] 2012-04-30  
[30] US (61/481,046) 2011-04-29

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[11] **2,775,984**  
[13] C

[51] **Int.Cl. H04W 36/00 (2009.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR  
SWITCHING RINGING STATE  
SESSION WITH CUSTOMIZED  
ALERTING TONE**  
[54] **SYSTEME ET PROCEDE DE  
COMMUTATION DE SESSION  
D'ETAT DE SONNERIE A  
TONALITE D'ALERTE  
PERSONNALISEE**  
[72] LI, SHITAO, CN  
[72] LI, ZHENDONG, CN  
[73] ZTE CORPORATION, CN  
[85] 2012-03-29  
[86] 2010-07-21 (PCT/CN2010/075359)  
[87] (WO2011/038613)  
[30] CN (200910204403.7) 2009-09-30

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[11] **2,776,088**  
[13] C

[51] **Int.Cl. E05B 63/00 (2006.01) E05C  
7/04 (2006.01)**  
[25] EN  
[54] **PASSIVE DOOR LOCK DEVICE**  
[54] **DISPOSITIF DE VERROUILLAGE  
DE PORTE PASSIF**  
[72] NOLTE, DOUGLAS A., US  
[72] NAKANISHI, YOSHIKAZU, US  
[72] SHIMOJI, MANABU, US  
[73] TRUTH HARDWARE  
CORPORATION, US  
[86] (2776088)  
[87] (2776088)  
[22] 2012-05-04  
[30] US (61/482,795) 2011-05-05

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[11] **2,776,170**  
[13] C

[51] **Int.Cl. C12N 9/42 (2006.01) C13K 1/02 (2006.01)**  
[25] EN  
[54] **RECOMBINANT C1 .BETA.-GLUCOSIDASE FOR PRODUCTION OF SUGARS FROM CELLULOSIC BIOMASS**  
[54] **C1 S-GLUCOSIDASE RECOMBINANTE DESTINEE A LA PRODUCTION DE SUCRES A PARTIR D'UNE BIOMASSE CELLULOSIQUE**  
[72] CLARK, LOUIS, US  
[72] BAIDYARROY, DIPNATH, US  
[72] SZABO, LORAND, US  
[73] CODEXIS, INC., US  
[85] 2012-03-29  
[86] 2010-09-30 (PCT/US2010/050982)  
[87] (WO2011/041594)  
[30] US (61/247,379) 2009-09-30

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[11] **2,776,334**  
[13] C

[51] **Int.Cl. B21F 23/00 (2006.01) B21F 27/10 (2006.01) B21F 27/20 (2006.01) B23K 11/00 (2006.01) E04C 5/04 (2006.01)**  
[25] EN  
[54] **METHOD AND DEVICE FOR PRODUCING WELDED CONNECTIONS**  
[54] **PROCEDE ET DISPOSITIF DE FABRICATION DE LIAISONS SOUDEES**  
[72] HAEUSSLER, FRANZ, DE  
[72] HUNDEGGER, HANS, DE  
[73] HAEUSSLER INNOVATION GMBH, DE  
[85] 2012-04-02  
[86] 2010-08-16 (PCT/EP2010/061909)  
[87] (WO2011/042240)  
[30] DE (10 2009 048 425.6) 2009-10-06

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[11] **2,776,587**  
[13] C

[51] **Int.Cl. G01V 1/26 (2006.01) G01V 1/28 (2006.01) G01V 1/36 (2006.01)**  
[25] EN  
[54] **COMBINING SEISMIC DATA FROM SENSORS TO ATTENUATE NOISE**  
[54] **COMBINAISON DE DONNEES SISMIQUES PROVENANT DE CAPTEURS POUR ATTENUER LE BRUIT**  
[72] EDME, PASCAL, GB  
[72] MUYZERT, EVERHARD, GB  
[72] KRAGH, JULIAN EDWARD (ED), GB  
[72] ROBERTSSON, JOHAN O. A., GB  
[72] LIU, QINGLIN, NO  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2012-04-03  
[86] 2010-10-04 (PCT/US2010/051367)  
[87] (WO2011/044060)  
[30] US (12/573,266) 2009-10-05

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[11] **2,776,876**  
[13] C

[51] **Int.Cl. H04W 4/12 (2009.01)**  
[25] EN  
[54] **SYNCHRONIZING CERTIFICATES BETWEEN A DEVICE AND SERVER**  
[54] **SYNCHRONISATION DES CERTIFICATS ENTRE UN PERIPHERIQUE ET UN SERVEUR**  
[72] BROWN, MICHAEL K., CA  
[72] BROWN, MICHAEL S., CA  
[72] LITTLE, HERBERT A., CA  
[72] ADAMS, NEIL P., CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2776876)  
[87] (2776876)  
[22] 2006-10-24  
[62] 2,565,371  
[30] EP (05256655.1) 2005-10-27

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[11] **2,776,881**  
[13] C

[51] **Int.Cl. G06T 3/00 (2006.01) H04N 1/387 (2006.01) H04N 5/76 (2006.01)**  
[25] EN  
[54] **IMAGE PROCESSING DEVICE, IMAGE PROCESSING METHOD, IMAGE PROCESSING PROGRAM, AND RECORDING MEDIUM**  
[54] **DISPOSITIF DE TRAITEMENT D'IMAGE, PROCEDE DE TRAITEMENT D'IMAGE, PROGRAMME DE TRAITEMENT D'IMAGE ET SUPPORT D'ENREGISTREMENT**  
[72] ONAI, RIKIO, JP  
[72] SATO, TOMOHIRO, JP  
[72] MORI, MASAYA, JP  
[72] SANJO, MASAHIRO, JP  
[73] RAKUTEN, INC., JP  
[85] 2012-04-04  
[86] 2010-10-18 (PCT/JP2010/068281)  
[87] (WO2011/049046)  
[30] JP (2009-241233) 2009-10-20

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[11] **2,777,009**  
[13] C

[51] **Int.Cl. F16F 9/512 (2006.01)**  
[25] EN  
[54] **HYDRAULIC DAMPER SPOOL VALVE**  
[54] **DISTRIBUTEUR AUTOMATIQUE D'AMORTISSEUR HYDRAULIQUE**  
[72] HOLT, LAURENCE, CA  
[72] TWISSELL, PETER, GB  
[72] GRICKS, MICHAEL, GB  
[72] LAIDMAN, JEFFREY, CA  
[73] MULTIMATIC INC., CA  
[85] 2012-04-05  
[86] 2010-10-04 (PCT/IB2010/054482)  
[87] (WO2011/042855)  
[30] US (12/575,464) 2009-10-07

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[13] C

[51] **Int.Cl. A61L 27/22 (2006.01) A61L 27/52 (2006.01)**

[25] EN

[54] **RADIOPAQUE INJECTABLE NUCLEUS HYDROGEL COMPOSITIONS**

[54] **COMPOSITIONS D'HYDROGEL POUR NOYAU RADIO-OPAQUE INJECTABLE**

[72] BERLEMAN, ULRICH, CH  
[72] WILSON, THOMAS G., US  
[72] WRONSKI, PETER, US  
[72] DOUVILLE, THOMAS, US  
[73] SPINE WAVE, INC., US  
[85] 2012-04-13  
[86] 2010-10-26 (PCT/US2010/054014)  
[87] (WO2011/056528)  
[30] US (12/606,422) 2009-10-27

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[11] **2,778,382**  
[13] C

[51] **Int.Cl. G10L 19/02 (2013.01) G10L 19/18 (2013.01) G10L 19/12 (2013.01)**

[25] EN

[54] **AUDIO SIGNAL ENCODER, AUDIO SIGNAL DECODER, METHOD FOR ENCODING OR DECODING AN AUDIO SIGNAL USING AN ALIASING-CANCELLATION**

[54] **CODEUR DE SIGNAL AUDIO, DECODEUR DE SIGNAL AUDIO, PROCEDE DE CODAGE OU DE DECODAGE D'UN SIGNAL AUDIO UTILISANT UNE ANNULLATION DE REPLIEMENT**

[72] BESSETTE, BRUNO, CA  
[72] NEUENDORF, MAX, DE  
[72] GEIGER, RALF, DE  
[72] GOURNAY, PHILIPPE, CA  
[72] LEFEBVRE, ROCH, CA  
[72] GRILL, BERNHARD, DE  
[72] LECOMTE, JEREMIE, DE  
[72] BAYER, STEFAN, DE  
[72] RETTELBACH, NIKOLAUS, DE  
[72] VILLEMOS, LARS, SE  
[72] SALAMI, REDWAN, CA  
[72] DEN BRINKER, ALBERTUS C., NL  
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[73] VOICEAGE CORPORATION, CA  
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[73] DOLBY INTERNATIONAL AB, NL  
[85] 2012-04-19  
[86] 2010-10-19 (PCT/EP2010/065752)  
[87] (WO2011/048117)  
[30] US (61/253,468) 2009-10-20

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[11] **2,778,908**  
[13] C

[51] **Int.Cl. A61C 13/00 (2006.01) A61C 13/10 (2006.01)**

[25] EN

[54] **PRODUCTION OF INDIVIDUAL DENTAL PROSTHESES VIA CAD/CAM AND RAPID MANUFACTURING/RAPID PROTOTYPING FROM DATA OF THE DIGITAL IMPRESSION**

[54] **FABRICATION DE PROTHESES DENTAIRES INDIVIDUELLES PAR CONCEPTION ET FABRICATION ASSISTEES PAR ORDINATEUR, ET FABRICATION ET PROTOTYPAGE RAPIDES A PARTIR DES DONNEES DE LA PRISE D'EMPREINTES NUMERIQUE**

[72] RUPPERT, KLAUS, DE  
[72] BEYER, MARIO, DE  
[73] HERAEUS KULZER GMBH, DE  
[85] 2012-04-25  
[86] 2010-11-05 (PCT/EP2010/006753)  
[87] (WO2011/066895)  
[30] DE (10 2009 056 752.6) 2009-12-04

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[11] **2,779,340**  
[13] C

[51] **Int.Cl. B65F 1/00 (2006.01)**

[25] FR

[54] **DISMOUNTABLE MODULAR PLATFORM FOR WASTE DISPOSAL FACILITY**

[54] **PLATE-FORME MODULAIRE DEMONTABLE POUR DECHETTERIE**

[72] PEGOT-OGIER, JEAN-JACQUES, FR  
[72] BOSIO, MICHEL-JEAN, FR  
[73] MODULO BETON, FR  
[85] 2012-04-27  
[86] 2009-10-30 (PCT/FR2009/052100)  
[87] (WO2011/051573)

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[11] **2,780,101**  
[13] C

[51] **Int.Cl. A61F 13/505 (2006.01)**

[25] EN

[54] **COMFORT DIAPER ASSEMBLY**

[54] **ENSEMBLE COUCHE DE CONFORT**

[72] COATES, FREDRICA V., US  
[73] COATES, FREDRICA V., US  
[85] 2012-05-04  
[86] 2010-07-27 (PCT/US2010/043358)  
[87] (WO2011/014495)  
[30] US (61/273,059) 2009-07-30

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[11] **2,780,210**  
[13] C

[51] **Int.Cl. A47L 13/38 (2006.01) A47L 13/24 (2006.01)**  
[25] EN  
[54] **HANDLE FOR REMOVABLE CLEANING IMPLEMENT**  
[54] **MANCHE POUR OUTIL DE NETTOYAGE AMOVIBLE**  
[72] POLICICCHIO, NICOLA JOHN, US  
[72] RUCKER, DAVID CALVERT, US  
[72] SCHULLER, DAVID WILLIAM, US  
[72] HAGEE, RICHARD CHRISTOPHER, US  
[72] JURATOVAC, DIANA WOEHL, US  
[72] LANE, RICHARD LEE, US  
[72] BERGER, RYAN ROBERT, US  
[72] TEUFEL, RANIER BERNHARD, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 2012-05-07  
[86] 2010-11-04 (PCT/US2010/055400)  
[87] (WO2011/056940)  
[30] US (12/613,015) 2009-11-05

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[11] **2,780,381**  
[13] C

[51] **Int.Cl. G06F 3/01 (2006.01) G06F 1/16 (2006.01) G06F 3/042 (2006.01)**  
[25] EN  
[54] **OPTICAL NAVIGATION DEVICE WITH HAPTIC FEEDBACK**  
[54] **DISPOSITIF DE NAVIGATION OPTIQUE AVEC RETROACTION HAPTIQUE**  
[72] PASQUERO, JEROME, CA  
[72] FYKE, STEVEN HENRY, CA  
[72] HOLBEIN, MARC EDWARD, CA  
[72] HOLBROOK, THOMAS WILLIAM, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2780381)  
[87] (2780381)  
[22] 2012-06-20  
[30] EP (11171013.3) 2011-06-22

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[11] **2,780,584**  
[13] C

[51] **Int.Cl. G01D 5/244 (2006.01)**  
[25] EN  
[54] **CALIBRATION METHOD AND ANGLE MEASURING METHOD FOR AN ANGLE MEASURING DEVICE, AND ANGLE MEASURING DEVICE**  
[54] **PROCEDE D'ETALONNAGE ET PROCEDE DE MESURE ANGULAIRE POUR UN DISPOSITIF DE MESURE ANGULAIRE, AINSI QUE DISPOSITIF DE MESURE ANGULAIRE**  
[72] LIPPUNER, HEINZ, CH  
[72] VOKINGER, URS, CH  
[72] SIERCKS, KNUT, CH  
[73] LEICA GEOSYSTEMS AG, CH  
[85] 2012-05-10  
[86] 2010-11-25 (PCT/EP2010/068259)  
[87] (WO2011/064317)  
[30] EP (09177211.1) 2009-11-26

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[11] **2,780,702**  
[13] C

[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/18 (2006.01) H04L 29/02 (2006.01)**  
[25] EN  
[54] **CONTROLLING MULTIPLE NODES TO EXECUTE MESSAGES ONLY ONCE, WHICH ARE DIVIDED INTO GROUPS, OR USING SNMP, OR A COMBINATION THEREOF**  
[54] **ADMINISTRATION DE NOEUDS MULTIPLES POUVANT ETRE REPARTIS EN GROUPES, PAR COMMANDE D'EXECUTION UNIQUE DES MESSAGES OU PAR SNMP OU PAR UNE COMBINAISON DE CEUX-CI**  
[72] ABDOLLAHI, MAHSHID ELLIE, US  
[72] BHATIA, SANJAY, US  
[72] ESMAEILI, JAVAD M., US  
[73] SKYSTREAM NETWORKS INC., US  
[86] (2780702)  
[87] (2780702)  
[22] 2002-08-15  
[62] 2,457,813  
[30] US (09/933,265) 2001-08-20  
[30] US (09/933,260) 2001-08-20  
[30] US (09/933,264) 2001-08-20

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[11] **2,781,005**  
[13] C

[51] **Int.Cl. B62D 31/00 (2006.01)**  
[25] EN  
[54] **FOUR-WHEELED VEHICLE**  
[54] **VEHICULE A QUATRE ROUES**  
[72] LAMBRI, MARCO, IT  
[72] MARANO, LUCA, IT  
[72] SCOTTI, DAVIDE FABIO, IT  
[73] PIAGGIO & C.S.P.A., IT  
[85] 2012-05-15  
[86] 2010-10-27 (PCT/IB2010/002761)  
[87] (WO2011/061585)  
[30] IT (MI2009A002054) 2009-11-23

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[11] **2,782,901**  
[13] C

[51] **Int.Cl. H04M 3/533 (2006.01) G10L 15/02 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUS TO FACILITATE VOICEMAIL INTERACTION**  
[54] **METHODES ET APPAREILS POUR FACILITER L'INTERACTION AVEC LES MESSAGERIES VOCALES**  
[72] MILLER, JON STACEY, US  
[73] BLACKBERRY LIMITED, CA  
[86] (2782901)  
[87] (2782901)  
[22] 2012-06-29  
[30] EP (11173286.3) 2011-07-08

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[11] **2,783,676**  
[13] C

[51] **Int.Cl. E04G 21/26 (2006.01) E04G 25/06 (2006.01)**  
[25] EN  
[54] **TELESCOPIC STRUCTURAL SUPPORT**  
[54] **ETAI TELESCOPIQUE**  
[72] HAEBERLE, WILFRIED, DE  
[73] PERI GMBH, DE  
[85] 2012-06-07  
[86] 2010-12-08 (PCT/EP2010/069151)  
[87] (WO2011/073064)  
[30] DE (102009054627.8) 2009-12-14

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5 janvier 2016**

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[11] **2,783,767**  
[13] C

[51] **Int.Cl. G01D 11/30 (2006.01) B64D 47/08 (2006.01) G01C 11/00 (2006.01)**

[25] EN  
[54] **MEASURING DEVICE**  
[54] **DISPOSITIF DE MESURE**  
[72] BRAUCHLE, JOERG, DE  
[72] BERGER, RALF, DE  
[73] DEUTSCHES ZENTRUM FUER LUFT-UND RAUMFAHRT E.V., DE  
[86] (2783767)  
[87] (2783767)  
[22] 2012-07-25

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[11] **2,783,793**  
[13] C

[51] **Int.Cl. G07C 5/08 (2006.01) B64F 5/00 (2006.01)**

[25] EN  
[54] **A METHOD FOR DETECTING PERFORMANCE OF AN AIRCRAFT BASED ON A CUSTOMIZED MESSAGE**  
[54] **METHODE POUR DETECTER LA PERFORMANCE D'UN AERONEF D'APRES UN MESSAGE PERSONNALISE**  
[72] GU, ZHUPING, CN  
[72] WU, JIAJU, CN  
[72] ZHENG, FENGLIANG, CN  
[72] HUANG, LEI, CN  
[72] TANG, MINJIE, CN  
[73] AIR CHINA LIMITED, CN  
[86] (2783793)  
[87] (2783793)  
[22] 2012-07-26  
[30] CN (201110212037.7) 2011-07-27

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[11] **2,784,551**  
[13] C

[51] **Int.Cl. H04W 88/06 (2009.01) H03J 5/24 (2006.01) H04B 1/04 (2006.01)**

[25] EN  
[54] **MOBILE WIRELESS COMMUNICATIONS DEVICE WITH SELECTIVELY CONTROLLED ANTENNA AND FILTER SWITCHES AND RELATED METHODS**  
[54] **APPAREIL DE COMMUNICATION MOBILE SANS FIL MUNI D'UNE ANTENNE REGLABLE ET D'UN INTERRUPTEUR DE FILTRE, ET METHODES CONNEXES**  
[72] BREMER, BRIAN, US  
[72] HART, ATHENA, US  
[73] BLACKBERRY LIMITED, CA  
[86] (2784551)  
[87] (2784551)  
[22] 2012-08-02  
[30] US (13/197,166) 2011-08-03

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[11] **2,785,204**  
[13] C

[51] **Int.Cl. C07D 277/28 (2006.01) A61K 31/421 (2006.01) A61K 31/426 (2006.01) A61K 31/496 (2006.01) A61P 35/00 (2006.01) C07D 233/64 (2006.01) C07D 263/32 (2006.01)**

[25] EN  
[54] **HEDGEHOG INHIBITORS**  
[54] **INHIBITEURS DE LA VOIE HEDGEHOG**  
[72] VERNIER, JEAN-MICHEL, US  
[72] MAY, JOHN, US  
[72] O'CONNOR, PATRICK, US  
[72] RIPKA, WILLIAM, US  
[72] PINKERTON, ANTHONY, US  
[72] BOUNAUD, PIERRE-YVES, US  
[72] HOPKINS, STEPHANIE, US  
[73] SELEXAGEN THERAPEUTICS, INC., US  
[85] 2012-06-20  
[86] 2011-01-06 (PCT/US2011/020416)  
[87] (WO2011/085128)  
[30] US (61/293,128) 2010-01-07

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[11] **2,785,662**  
[13] C

[51] **Int.Cl. F16C 33/54 (2006.01) F16C 19/36 (2006.01) F16C 19/46 (2006.01) F16C 33/46 (2006.01) F16C 33/58 (2006.01)**

[25] EN  
[54] **CLOSED END BEARING CUP**  
[54] **CUVETTE DE PALIER A EXTREMITE FERMEE**  
[72] HAGAN, TIMOTHY J., US  
[73] SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, US  
[85] 2012-06-26  
[86] 2010-11-10 (PCT/US2010/056189)  
[87] (WO2011/060043)  
[30] US (61/259,859) 2009-11-10

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[11] **2,786,509**  
[13] C

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4439 (2006.01) A61P 35/00 (2006.01)**

[25] EN  
[54] **SULFONAMIDO DERIVATIVES OF 3,4-DIARYLPYRAZOLES AS PROTEIN KINASE INHIBITORS**  
[54] **DERIVES SULFONAMIDO DES 3,4-DIARYLPYRAZONES COMME INHIBITEURS DES PROTEINES KINASES**  
[72] PULICI, MAURIZIO, IT  
[72] MARCHIONNI, CHIARA, IT  
[72] TRAQUANDI, GABRIELLA, IT  
[73] NERVIANO MEDICAL SCIENCES S.R.L., IT  
[85] 2012-07-05  
[86] 2011-01-19 (PCT/EP2011/050654)  
[87] (WO2011/092088)  
[30] EP (10151805.8) 2010-01-27

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**Canadian Patents Issued  
January 5, 2016**

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[11] **2,787,254**  
[13] C

[51] **Int.Cl. H04L 27/26 (2006.01) H04B 7/26 (2006.01) H04L 1/16 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR TRANSMITTING UPLINK CONTROL INFORMATION IN A WIRELESS COMMUNICATION SYSTEM**

[54] **PROCEDE ET APPAREIL DE TRANSMISSION D'INFORMATIONS DE COMMANDE SUR LA LIAISON MONTANTE DANS UN SYSTEME DE COMMUNICATION SANS FIL**

[72] HAN, SEUNG HEE, KR  
[72] CHUNG, JAE HOON, KR  
[72] MOON, SUNG HO, KR  
[72] LEE, MOON IL, KR  
[73] LG ELECTRONICS INC., KR  
[85] 2012-07-16  
[86] 2011-01-12 (PCT/KR2011/000197)  
[87] (WO2011/087260)  
[30] US (61/295,741) 2010-01-17  
[30] US (61/298,553) 2010-01-27  
[30] US (61/298,550) 2010-01-27  
[30] US (61/305,966) 2010-02-19  
[30] US (61/320,775) 2010-04-05  
[30] KR (10-2011-0001871) 2011-01-07

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[11] **2,787,724**  
[13] C

[51] **Int.Cl. B03D 1/004 (2006.01) B03D 1/02 (2006.01)**

[25] EN

[54] **COLLECTOR AND FROTHING AGENT FOR FLOTATION BASED ON ORGANIC RESIDUES FOR THE RECOVERY OF METALS FROM MINERALS BY FROTH FLOTATION, COLLECTOR AND FROTHING AGENT RECOVERY PROCESS AND FOAMING FLOTATION PROCESS THAT USES THE COLLECTOR AND FROTHING AGENT**

[54] **AGENT COLLECTEUR ET MOUSSANT POUR LA FLOTTATION A BASE DE RESIDUS ORGANIQUES POUR LA RECUPERATION DE METAUX A PARTIR DE MINERAIS PAR FLOTTATION PAR MOUSSE, PROCEDE D'OBTENTION DE L'AGENT COLLECTEUR ET MOUSSANT DE FLOTTATION ET PROCEDE DE FLOTTATION PAR MOUSSE QUI UTILISE CET AGENT COLLECTEUR ET MOUSSANT**

[72] SAEZ NAVARRETE, CESAR ANTONIO, CL  
[72] REYES BOZO, LORENZO, CL  
[72] GINOCCHIO CEA, ROSANNA, CL  
[72] HERRERA MARCHANT, MIGUEL NICOLAS, CL  
[73] CENTRO DE INVESTIGACION MINERA Y METALURGICA, CL  
[73] PONTIFICIA UNIVERSIDAD CATOLICA DE CHILE, CL  
[73] GINOCCHIO CEA, ROSANNA, CL  
[73] HERRERA MARCHANT, MIGUEL NICOLAS, CL  
[73] CENTRO DE INVESTIGACION MINERA Y METALURGICA, CL  
[85] 2012-07-20  
[86] 2011-01-21 (PCT/IB2011/050283)  
[87] (WO2011/089572)  
[30] CL (201000051) 2010-01-22

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[11] **2,787,832**  
[13] C

[51] **Int.Cl. C12N 15/52 (2006.01) A23D 9/00 (2006.01) A61K 8/36 (2006.01) A61K 38/00 (2006.01) A61Q 19/10 (2006.01) C11B 1/00 (2006.01) C12N 1/19 (2006.01) C12N 9/00 (2006.01) C12N 15/63 (2006.01) C12P 7/64 (2006.01)**

[25] EN

[54] **POLYNUCLEOTIDE ENCODING ACYL-COA SYNTHETASE HOMOLOG AND USE THEREOF**

[54] **POLYNUCLEOTIDE CODANT POUR UN HOMOLOGUE D'ACYL-COA SYNTHETASE ET SON PROCEDE D'UTILISATION**

[72] OCHIAI, MISA, JP  
[73] SUNTORY HOLDINGS LIMITED, JP  
[85] 2012-07-20  
[86] 2011-02-01 (PCT/JP2011/052035)  
[87] (WO2011/093509)  
[30] JP (2010-019967) 2010-02-01

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[11] **2,788,187**  
[13] C

[51] **Int.Cl. A63B 53/04 (2015.01) A63B 53/02 (2015.01)**

[25] EN

[54] **GOLF COUPLING MECHANISMS AND RELATED METHODS**

[54] **MECANISMES DE COUPLAGE POUR LE GOLF ET METHODES CONNEXES**

[72] JERTSON, MARTY R., US  
[72] STOKKE, RYAN M., US  
[73] KARSTEN MANUFACTURING CORPORATION, US  
[86] (2788187)  
[87] (2788187)  
[22] 2012-08-28  
[30] US (61/529,880) 2011-08-31  
[30] US (61/590,232) 2012-01-24  
[30] US (13/429,319) 2012-03-24  
[30] US (13/468,675) 2012-05-10

**Brevets canadiens délivrés  
5 janvier 2016**

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[11] **2,788,459**  
[13] C

[51] **Int.Cl. C07D 205/04 (2006.01) A61K 31/397 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **METHODS OF SYNTHESIZING AND ISOLATING N-(BROMOACETYL)-3,3-DINITROAZETIDINE AND A COMPOSITION INCLUDING THE SAME**

[54] **PROCEDES DE SYNTHESE ET D'ISOLEMENT DE LA N-(BROMOACETYL)-3,3-DINITROAZETIDINE ET COMPOSITION ASSOCIEE**

[72] STRAESSLER, NICHOLAS A., US  
[72] CANNIZZO, LOUIS F., US  
[72] LI, PING, US  
[72] KRAMER, MICHAEL P., US  
[72] ROSENBERG, DAVID M., US  
[73] ORBITAL ATK, INC., US  
[85] 2012-07-27  
[86] 2011-01-18 (PCT/US2011/021500)  
[87] (WO2011/100090)  
[30] US (12/702,782) 2010-02-09

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[11] **2,789,028**  
[13] C

[51] **Int.Cl. C01B 31/04 (2006.01) C01B 31/02 (2006.01)**

[25] EN

[54] **CARBON MATERIAL AND METHOD FOR PRODUCING SAME**

[54] **MATERIAU CARBONE ET SON PROCEDE DE PRODUCTION**

[72] MURAMATSU, KAZUO, JP  
[72] TOYODA, MASAHIRO, JP  
[73] INCUBATION ALLIANCE, INC., JP  
[85] 2012-08-02  
[86] 2011-02-18 (PCT/JP2011/053535)  
[87] (WO2011/102473)  
[30] JP (2010-035466) 2010-02-19  
[30] JP (2010-216523) 2010-09-28  
[30] JP (2010-262449) 2010-11-25

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[11] **2,790,301**  
[13] C

[51] **Int.Cl. B65H 19/30 (2006.01) B65H 19/28 (2006.01) B65H 20/30 (2006.01) B65H 35/00 (2006.01)**

[25] EN

[54] **PROCESS FOR INITIATING A WEB WINDING PROCESS**

[54] **PROCESSUS POUR INITIER LE PROCESSUS D'ENROULEMENT D'UNE TOILE**

[72] SCHWAMBERGER, BRIAN CHRISTOPHER, US  
[72] LAMPING, MICHAEL JOSEPH, US  
[72] HOWELL, DAVID STUART, II, US  
[72] LEVANDOSKI, MARK, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[86] (2790301)  
[87] (2790301)  
[22] 2012-09-19  
[30] US (13/235,691) 2011-09-19

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[11] **2,790,995**  
[13] C

[51] **Int.Cl. B29C 73/02 (2006.01) B29C 73/04 (2006.01)**

[25] EN

[54] **METHOD FOR REPAIRING A MEMBER COMPRISING A FIBER-REINFORCED PLASTIC**

[54] **PROCEDE PERMETTANT DE REPARER UN ELEMENT COMPORTANT UNE RESINE RENFORCEE DE FIBRES**

[72] SHIGETOMI, TOSHIKAZU, JP  
[72] TANAKA, ATSUMI, JP  
[72] ONOHARA, KAORU, JP  
[72] HASEGAWA, KOICHI, JP  
[73] MITSUBISHI AIRCRAFT CORPORATION, JP  
[85] 2012-08-23  
[86] 2011-01-26 (PCT/JP2011/000399)  
[87] (WO2011/105007)  
[30] JP (2010-038989) 2010-02-24

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[11] **2,791,486**  
[13] C

[51] **Int.Cl. G06F 3/023 (2006.01) G06F 3/041 (2006.01) H01H 13/83 (2006.01) H04W 88/02 (2009.01)**

[25] EN

[54] **ELECTRIC DEVICE AND METHOD FOR CHARACTER DELETION**

[54] **DISPOSITIF ELECTRONIQUE ET METHODE DE SUPPRESSION DE CARACTERE**

[72] HONG, YOOJIN, US  
[73] BLACKBERRY LIMITED, CA  
[86] (2791486)  
[87] (2791486)  
[22] 2012-09-28  
[30] US (13/247,834) 2011-09-28  
[30] US (US2011/053757) 2011-09-28  
[30] EP (11185121.8) 2011-10-13

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[11] **2,792,311**  
[13] C

[51] **Int.Cl. A47C 16/00 (2006.01) A47G 27/02 (2006.01) A63C 19/04 (2006.01)**

[25] EN

[54] **PORTABLE SUPPORT MAT**

[54] **TAPIS DE SOUTIEN PORTATIF**

[72] LEGARE, DESIREE, CA  
[73] EXODUS TRAFFIC SYSTEMS LTD., CA  
[86] (2792311)  
[87] (2792311)  
[22] 2012-10-03  
[30] US (61543173) 2011-10-04

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[11] **2,792,496**  
[13] C

[51] **Int.Cl. H02H 3/33 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR SUPERVISORY CIRCUIT FOR GROUND FAULT CIRCUIT INTERRUPT DEVICE**

[54] **APPAREIL ET PROCEDE DESTINES A UN CIRCUIT DE SURVEILLANCE D'UN DISPOSITIF DISJONCTEUR DE FUITE A LA TERRE**

[72] KINSEL, HUGH T., US  
[72] ENDOZO, JOSELITO, US  
[73] SIEMENS INDUSTRY, INC., US  
[85] 2012-09-07  
[86] 2011-03-08 (PCT/US2011/027510)  
[87] (WO2011/112557)  
[30] US (61/311,955) 2010-03-09  
[30] US (13/041,704) 2011-03-07

**Canadian Patents Issued  
January 5, 2016**

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[11] **2,793,205**  
[13] C

[51] **Int.Cl. A61L 27/40 (2006.01) C12N 5/071 (2010.01) A61L 27/38 (2006.01) C12Q 1/02 (2006.01) A61F 2/06 (2013.01)**

[25] EN

[54] **MULTILAYERED VASCULAR TUBES**

[54] **TUBES VASCULAIRES MULTICOUCHES**

[72] KHATIWALA, CHIRAG, US

[72] MURPHY, KEITH, US

[72] SHEPHERD, BENJAMIN, US

[73] ORGANOVO, INC., US

[85] 2012-09-13

[86] 2011-03-16 (PCT/US2011/028713)

[87] (WO2011/116125)

[30] US (61/314,238) 2010-03-16

[30] GB (GB 1008781.5) 2010-05-26

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[11] **2,793,576**  
[13] C

[51] **Int.Cl. B64C 25/58 (2006.01)**

[25] EN

[54] **LANDING GEAR VIBRATION ABSORBER AND METHOD OF OPERATING SAID LANDING GEAR VIBRATION ABSORBER**

[54] **AMORTISSEUR DE VIBRATIONS DE TRAIN D'ATTERISSAGE ET METHODE DE FONCTIONNEMENT DUDIT AMORTISSEUR DE VIBRATIONS DE TRAIN D'ATTERISSAGE**

[72] RAMMER, RAPHAEL, DE

[72] ZNIKA, PETER, DE

[73] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE

[86] (2793576)

[87] (2793576)

[22] 2012-10-26

[30] EP (11400066.4) 2011-12-21

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[11] **2,793,803**  
[13] C

[51] **Int.Cl. A63F 3/06 (2006.01)**

[25] EN

[54] **METHOD FOR PREVENTING AND DETECTING TAMPERING OF SCRATCH-OFF COATINGS ON SUBSTRATES, AND ASSOCIATED SUBSTRATES**

[54] **PROCEDE DE PREVENTION ET DE DETECTION D'UNE MANIPULATION FRAUDULEUSE DE FILMS A GRATTER APPLIQUES SUR DES SUBSTRATS, ET SUBSTRATS ASSOCIES**

[72] IRWIN, KENNETH EARL, JR., US

[72] STREETER, GARY, US

[73] SCIENTIFIC GAMES HOLDINGS LIMITED, IS

[85] 2012-09-19

[86] 2010-11-30 (PCT/IB2010/055513)

[87] (WO2011/117688)

[30] US (61/340,806) 2010-03-23

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[11] **2,794,131**  
[13] C

[51] **Int.Cl. H01H 3/22 (2006.01)**

[25] FR

[54] **ELECTRICAL SWITCHING DEVICE HAVING AN ULTRAFAST ACTUATION MECHANISM AND HYBRID SWITCH COMPRISING SUCH A DEVICE**

[54] **DISPOSITIF DE COMMUTATION ELECTRIQUE A MECANISME D'ACTIONNEMENT ULTRA-RAPIDE ET INTERRUPTEUR HYBRIDE COMPRENANT UN TEL DISPOSITIF**

[72] BACH, JULIEN, FR

[72] BRICQUET, CEDRIC, FR

[73] SCHNEIDER ELECTRIC INDUSTRIES SAS, FR

[85] 2012-09-21

[86] 2010-04-15 (PCT/FR2010/000304)

[87] (WO2011/128516)

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[11] **2,795,637**  
[13] C

[51] **Int.Cl. B64C 3/44 (2006.01) B64C 3/50 (2006.01) B64C 9/04 (2006.01) B64C 13/24 (2006.01)**

[25] EN

[54] **HIGH-POSITIONED 3-POSITION VARIABLE CAMBER KRUEGER**

[54] **VOLET KRUEGER SURELEVE A CAMBRURE VARIABLE A TROIS POSITIONS**

[72] SAKURAI, SEIYA, US

[72] FOX, STEPHEN J., US

[72] REYES, VICTOR, US

[72] CHARLES, KARA MARIE, US

[73] THE BOEING COMPANY, US

[86] (2795637)

[87] (2795637)

[22] 2012-11-14

[30] US (13/370,314) 2012-02-10

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[11] **2,796,430**  
[13] C

[51] **Int.Cl. B01D 46/52 (2006.01) B29C 45/00 (2006.01)**

[25] EN

[54] **THREE-DIMENSIONAL FILTER**

[54] **FILTRE TRIDIMENSIONNEL**

[72] PLATT, KEITH, US

[73] DIVERSITECH CORPORATION, US

[85] 2012-10-12

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[30] US (61/329,808) 2010-04-30

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[13] C

[51] **Int.Cl. A47F 11/06 (2006.01)**

[25] EN

[54] **EQUIPMENT FOR DISPLAYING INFORMATION CARRIERS, ESPECIALLY FOR ADVERTISING PURPOSES**

[54] **EQUIPEMENT POUR PRESENTATION DE SUPPORTS D'INFORMATION, PARTICULIEREMENT A DES FINS PUBLICITAIRES**

[72] GOTZY, ANDRAS, HU

[73] GOTZY, ANDRAS, HU

[85] 2012-10-16

[86] 2011-04-19 (PCT/HU2011/000034)

[87] (WO2011/132005)

[30] HU (P1000222) 2010-04-21

[30] HU (P1100205) 2011-04-18

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[11] **2,796,848**  
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- [51] **Int.Cl. A47K 10/38 (2006.01) A47K 10/26 (2006.01)**  
[25] EN  
[54] **INSERT FOR USE WITH A ROLL OF WEB MATERIAL, AND PROVIDING A UNIQUE IDENTIFIER FOR THE ROLL OF WEB MATERIAL**  
[54] **INSERT A UTILISER AVEC UN ROULEAU DE TISSU ET CONFERANT UN IDENTIFIANT UNIQUE POUR LE ROULEAU DE TISSU**  
[72] LOWERY, MORGAN J., US  
[72] HALLINGSTAD, GREGORY J., US  
[72] PELLAND, MICHAEL J., US  
[72] RECKAMP, STEVEN R., US  
[73] THE COLMAN GROUP, INC., US  
[85] 2012-10-18  
[86] 2010-04-22 (PCT/US2010/032061)  
[87] (WO2011/133157)

[11] **2,797,556**  
[13] C

- [51] **Int.Cl. H04B 7/04 (2006.01) H04L 1/18 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR ALLOCATING A DATA RATE IN A MULTI-ANTENNA TRANSMITTER**  
[54] **APPAREIL ET PROCEDURE D'ATTRIBUTION D'UN DEBIT DE DONNEES DANS UN EMETTEUR A ANTENNES MULTIPLES**  
[72] JEONG, HONG-SIL, KR  
[72] LEE, HYU-JIN, KR  
[72] MYUNG, SEHO, KR  
[72] KIM, JAE-YOEL, KR  
[73] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2012-10-25  
[86] 2011-04-28 (PCT/KR2011/003136)  
[87] (WO2011/136575)  
[30] KR (10-2010-0039734) 2010-04-28

[11] **2,798,638**  
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- [51] **Int.Cl. H01J 49/04 (2006.01) H01J 27/02 (2006.01) B01L 3/02 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR EXTRACTING A SAMPLE FROM A SURFACE**  
[54] **SYSTEME ET PROCEDURE PERMETTANT D'EXTRAIRE UN ECHANTILLON D'UNE SURFACE**  
[72] VAN BERKEL, GARY J., US  
[72] COVEY, THOMAS, CA  
[73] UT-BATTELLE, LLC, US  
[73] DH TECHNOLOGIES DEVELOPMENT PTE. LTD, SG  
[85] 2012-11-06  
[86] 2011-05-06 (PCT/US2011/035604)  
[87] (WO2011/140492)  
[30] US (61/332,486) 2010-05-07

[11] **2,798,778**  
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[25] EN  
[54] **ANTI-HUMAN TROP-2 ANTIBODY HAVING ANTI-TUMOR ACTIVITY IN VIVO**  
[54] **ANTICORPS ANTI-TROP-2 HUMAIN AYANT UNE ACTIVITE ANTICANCEREUSE IN VIVO**  
[72] NAKAMURA, KOJI, JP  
[72] OKAMURA, KENTARO, JP  
[72] TAMURA, MAKI, JP  
[72] YANAI, HIROYUKI, JP  
[72] KANKE, TORU, JP  
[73] LIVTECH, INC., JP  
[85] 2012-11-06  
[86] 2011-05-17 (PCT/JP2011/061709)  
[87] (WO2011/145744)  
[30] JP (2010-113302) 2010-05-17

[11] **2,798,963**  
[13] C

- [51] **Int.Cl. H03M 13/11 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR LAYERED DECODING IN A COMMUNICATION SYSTEM USING LOW-DENSITY PARTIY-CHECK CODES**  
[54] **APPAREIL ET PROCEDURE DE DECODAGE HIERARCHIQUE DANS UN SYSTEME DE COMMUNICATION UTILISANT DES CODES DE CONTROLE DE PARITE A FAIBLE DENSITE**  
[72] YANG, HYUN-KOO, KR  
[72] JEONG, HONG-SIL, KR  
[72] MYUNG, SEHO, KR  
[72] KIM, JAE-YOEL, KR  
[73] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2012-11-08  
[86] 2011-05-09 (PCT/KR2011/003444)  
[87] (WO2011/142570)  
[30] KR (10-2010-0044165) 2010-05-11

[11] **2,799,061**  
[13] C

- [51] **Int.Cl. H01R 13/04 (2006.01) B60R 11/02 (2006.01) H01R 4/22 (2006.01) H01R 13/627 (2006.01)**  
[25] EN  
[54] **ENTERTAINMENT SYSTEM MOUNTABLE IN A VEHICLE SEAT**  
[54] **SYSTEME AUDIOVISUEL MONTABLE DANS UN SIEGE DE VEHICULE**  
[72] SHALAM, DAVID M., US  
[73] AUDIOVOX CORPORATION, US  
[86] (2799061)  
[87] (2799061)  
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[25] EN

[54] **IMMUNOLOGICAL FUNCTION ENHANCING AGENT**

[54] **AGENT DESTINE A STIMULER LA FONCTION IMMUNITAIRE**

[72] YAMAGUCHI, TOMOHIRO, JP

[72] OTSUKA, HIROMICHI, JP

[73] CANINE-LAB.INC., JP

[85] 2012-11-14

[86] 2011-08-05 (PCT/JP2011/004455)

[87] (WO2012/017678)

[30] JP (2010-177041) 2010-08-06

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[11] **2,800,042**  
[13] C

[51] **Int.Cl. G01N 1/10 (2006.01) G01N 1/22 (2006.01) G01N 35/00 (2006.01)**

[25] EN

[54] **SEALER FOR TEST SAMPLE DEVICES**

[54] **ELEMENT D'ETANCHEITE POUR DES DISPOSITIFS D'ECHANTILLONS D'ESSAI**

[72] BISHOP, JAMES CLEMENT, US

[72] JUSTIN, MICHAEL JAMES, US

[72] FANNING, MARK JOSEPH, US

[73] BIOMERIEUX, INC., US

[86] (2800042)

[87] (2800042)

[22] 2004-08-13

[62] 2,535,155

[30] US (10/695,517) 2003-10-28

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[13] C

[51] **Int.Cl. C08G 18/48 (2006.01) C08G 18/63 (2006.01) C08G 18/76 (2006.01)**

[25] EN

[54] **AN MDI SYSTEM NON-TEMPERATURE SENSITIVE MEMORY SPONGE SUITABLE FOR FLAT FOAM FOAMING PROCESS**

[54] **MOUSSE A MEMOIRE INSENSIBLE A LA TEMPERATURE CONSTITUEE D'UN SYSTEME MDI ET ADAPTEE A UN PROCEDE D'EXPANSION HORIZONTALE**

[72] NI, ZHANGGEN, CN

[72] LIN, TAO, CN

[73] JIANGSU HEALTHCARE CO., LTD, CN

[85] 2012-11-22

[86] 2011-02-11 (PCT/CN2011/070935)

[87] (WO2012/106846)

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[11] **2,801,007**  
[13] C

[51] **Int.Cl. H04B 7/04 (2006.01) H04J 11/00 (2006.01) H04L 1/18 (2006.01)**

[25] EN

[54] **MULTIPLEXING CONTROL AND DATA INFORMATION FROM A USER EQUIPMENT IN MIMO TRANSMISSION MODE**

[54] **MULTIPLEXAGE D'INFORMATIONS DE COMMANDE ET DE DONNEES PROVENANT D'UN EQUIPEMENT UTILISATEUR EN MODE DE TRANSMISSION MIMO**

[72] PAPASAKELLARIOU, ARIS, US

[72] KIM, YOUNG-BUM, KR

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

[85] 2012-11-27

[86] 2011-06-08 (PCT/KR2011/004215)

[87] (WO2011/155773)

[30] US (61/352,631) 2010-06-08

[30] US (61/408,293) 2010-10-29

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[13] C

[51] **Int.Cl. H02B 1/20 (2006.01) H02B 1/056 (2006.01) H02B 1/32 (2006.01)**

[25] EN

[54] **HIGH DENSITY POWER/LIGHTING PANELBOARD**

[54] **TABLEAU DE DISTRIBUTION DE PUISSANCE/ECLAIRAGE DE HAUTE DENSITE**

[72] DOZIER, STEVEN W., US

[73] SCHNEIDER ELECTRIC USA, INC., US

[85] 2012-11-28

[86] 2011-05-19 (PCT/US2011/037108)

[87] (WO2011/156096)

[30] US (12/797,912) 2010-06-10

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[11] **2,801,118**  
[13] C

[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61L 24/10 (2006.01) A61P 7/04 (2006.01)**

[25] EN

[54] **PROCESS FOR MAKING DRY AND STABLE HEMOSTATIC COMPOSITIONS**

[54] **PROCEDE DE FABRICATION DE COMPOSITIONS HEMOSTATIQUES SOUS FORME SECHE ET STABLE**

[72] GOESSL, ANDREAS, AT

[73] BAXTER INTERNATIONAL INC., US

[73] BAXTER HEALTHCARE S.A., CH

[85] 2012-11-29

[86] 2011-06-01 (PCT/EP2011/059065)

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[13] C

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[25] EN  
[54] **PROCESS FOR PURIFYING NATURAL GAS AND REGENERATING ONE OR MORE ADSORBERS**  
[54] **PROCEDE DE PURIFICATION D'UN GAZ NATUREL ET DE REGENERATION D'UN OU PLUSIEURS ADSORBANTS**  
[72] BRESLER, LEONID, US  
[72] FREEMAN, CEDRIC, US  
[72] CLARK, KEITH R., US  
[73] UOP LLC, US  
[85] 2012-11-29  
[86] 2011-08-11 (PCT/US2011/047318)  
[87] (WO2012/024135)  
[30] US (12/859,166) 2010-08-18

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[11] **2,802,307**  
[13] C

[51] **Int.Cl. B01F 3/04 (2006.01) C01B 13/10 (2006.01) G01N 1/24 (2006.01) G01N 37/00 (2006.01) A01N 59/00 (2006.01) A01P 1/00 (2006.01) A61L 2/18 (2006.01) C02F 1/78 (2006.01)**  
[25] EN  
[54] **SYSTEM FOR PRODUCING AND DISTRIBUTING AN OZONATED FLUID**  
[54] **SYSTEME DE PRODUCTION ET DE DISTRIBUTION D'UN FLUIDE OZONE**  
[72] LYNN, DANIEL W., US  
[73] FOOD SAFETY TECHNOLOGY, LLC, US  
[85] 2012-12-11  
[86] 2011-06-09 (PCT/US2011/039711)  
[87] (WO2011/159541)  
[30] US (12/816,861) 2010-06-16

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[13] C

[51] **Int.Cl. C07C 323/62 (2006.01) A61K 31/192 (2006.01) A61K 31/44 (2006.01) A61P 19/06 (2006.01) C07D 213/24 (2006.01)**  
[25] EN  
[54] **PHENYLTHIOACETATE COMPOUNDS USEFUL AS URICOSURIC AGENTS**  
[54] **PHENYLTHIOACETATES UTILES EN TANT QU'AGENTS URICOSURIQUES**  
[72] OUK, SAMEDY, US  
[72] VERNIER, JEAN-MICHEL, US  
[72] GUNIC, ESMIR, US  
[73] ARDEA BIOSCIENCES, INC., US  
[85] 2012-12-13  
[86] 2011-06-15 (PCT/US2011/040586)  
[87] (WO2011/159840)  
[30] US (61/355,317) 2010-06-16

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[13] C

[51] **Int.Cl. G02B 26/08 (2006.01) B81B 5/00 (2006.01) B81B 7/02 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR SPATIAL LIGHT MODULATION**  
[54] **PROCEDES ET APPAREIL PERMETTANT DE MODULER UNE LUMIERE SPATIALE**  
[72] HAGOOD, NESBITT W., US  
[72] BARTON, ROGER, US  
[73] PIXTRONIX, INC., US  
[86] (2803899)  
[87] (2803899)  
[22] 2006-02-23  
[62] 2,598,825  
[30] US (60/655,827) 2005-02-23  
[30] US (60/676,053) 2005-04-29  
[30] US (11/218,690) 2005-09-02

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[13] C

[51] **Int.Cl. H02K 15/06 (2006.01) F04B 47/06 (2006.01) F04D 13/08 (2006.01) H02K 3/46 (2006.01)**  
[25] EN  
[54] **STATOR MAGNET WIRE END COIL RETENTION SYSTEM**  
[54] **SYSTEME DE RETENUE DE SPIRE TERMINALE D'AIMANT DE STATOR**  
[72] KNAPP, JOHN M., US  
[73] BAKER HUGHES INCORPORATED, US  
[86] (2804435)  
[87] (2804435)  
[22] 2013-02-04  
[30] US (61/594,741) 2012-02-03

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[11] **2,805,019**  
[13] C

[51] **Int.Cl. C08G 69/04 (2006.01) C08G 69/28 (2006.01)**  
[25] FR  
[54] **METHOD FOR PRODUCING POLYAMIDE**  
[54] **PROCEDE DE FABRICATION DE POLYAMIDE**  
[72] LOMEL, SEBASTIEN, FR  
[73] RHODIA OPERATIONS, FR  
[85] 2012-12-19  
[86] 2011-07-12 (PCT/EP2011/061806)  
[87] (WO2012/013481)  
[30] FR (1056158) 2010-07-27

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[13] C

[51] **Int.Cl. G01V 5/10 (2006.01) E21B 47/00 (2012.01) G01V 5/04 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM OF DETERMINING A PARAMETER ASSOCIATED WITH A FORMATION CORRECTED FOR NEUTRONS PRODUCED**  
[54] **PROCEDE ET SYSTEME PERMETTANT DE DETERMINER UN PARAMETRE ASSOCIE A UNE FORMATION, CORRIGE SELON LES NEUTRONS PRODUITS**  
[72] GUO, WEIJUN, US  
[72] ZANNONI, STEPHEN A., US  
[72] HARAMBOURE, CARLOS E., US  
[72] TRUAX, JEROME A., US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
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[13] C

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[25] EN  
[54] **USER PROGRAMMABLE HEARING ASSISTANCE DEVICE**  
[54] **DISPOSITIF AUDITIF POUVANT ETRE PROGRAMME PAR UN UTILISATEUR**

[72] SCHUMAIER, DANIEL R., US  
[73] SCHUMAIER, DANIEL R., US  
[86] (2805559)  
[87] (2805559)  
[22] 2008-04-23  
[62] 2,683,417  
[30] US (11/739,781) 2007-04-25  
[30] US (12/017,080) 2008-01-21  
[30] US (61/036,594) 2008-03-14

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[11] **2,808,029**  
[13] C

[51] **Int.Cl. B32B 3/30 (2006.01) B32B 3/04 (2006.01) D21H 27/38 (2006.01) D21H 27/40 (2006.01) G09F 7/00 (2006.01)**  
[25] EN  
[54] **PRINTING SUBSTRATE WITH INTEGRATED FRAME**  
[54] **SUBSTRAT D'IMPRESSION AVEC CADRE INTEGRE**

[72] DOMANSKI, CHRISTOPHER J., US  
[72] HENSHAW, CONSTANCE, US  
[72] OVERCASH, CANDACE L., US  
[72] NELLIS, GAIL MOORE, US  
[73] ELMER'S PRODUCTS INC., US  
[86] (2808029)  
[87] (2808029)  
[22] 2013-02-28  
[30] US (13/407,351) 2012-02-28

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[11] **2,809,124**  
[13] C

[51] **Int.Cl. A61G 7/057 (2006.01) A47C 21/04 (2006.01) A47C 27/10 (2006.01) A47C 27/18 (2006.01)**  
[25] EN  
[54] **THERAPEUTIC MATTRESS ASSEMBLY**  
[54] **ENSEMBLE DE MATELAS THERAPEUTIQUE**

[72] WYATT, CHARLES C., US  
[72] FONTAINE, RICKY J., US  
[73] TEMPUR WORLD, INC., US  
[86] (2809124)  
[87] (2809124)  
[22] 2001-11-06  
[62] 2,762,006  
[30] US (60/246,356) 2000-11-07

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[11] **2,806,826**  
[13] C

[51] **Int.Cl. G01L 1/25 (2006.01) G01N 23/20 (2006.01)**  
[25] EN  
[54] **X-RAY STRESS MEASURING APPARATUS**  
[54] **DISPOSITIF DE MESURE DE CONTRAINTE A RAYONS X**

[72] TORAYA, HIDEO, JP  
[72] MUNEKAWA, SHIGERU, JP  
[73] RIGAKU CORPORATION, JP  
[85] 2013-01-28  
[86] 2011-07-29 (PCT/JP2011/067517)  
[87] (WO2012/015046)  
[30] JP (2010-172594) 2010-07-30

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[11] **2,808,108**  
[13] C

[51] **Int.Cl. G01S 5/14 (2006.01) H04W 64/00 (2009.01)**  
[25] EN  
[54] **LOCATION ESTIMATION USING RADIO SCENE SIGNATURES**  
[54] **ESTIMATION D'EMPLACEMENT A L'AIDE DE SIGNATURES DE PAYSAGES RADIO**

[72] OKA, ANAND RAVINDRA, CA  
[72] SNOW, CHRISTOPHER HARRIS, US  
[72] NADDAFAZADEH SHIRAZI, GHASEM, CA  
[72] SIMMONS, SEAN BARTHOLOMEW, CA  
[72] OLIVER, ROBERT GEORGE, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2808108)  
[87] (2808108)  
[22] 2013-02-27  
[30] EP (12158955.0) 2012-03-09

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[13] C

[51] **Int.Cl. B01F 17/54 (2006.01) C09K 8/38 (2006.01) C09K 8/588 (2006.01) C09K 8/70 (2006.01) E21B 21/14 (2006.01)**  
[25] EN  
[54] **AQUEOUS FOAMING COMPOSITIONS WITH HIGH TOLERANCE TO HYDROCARBONS**  
[54] **COMPOSITIONS AQUEUSES FORMANT UNE MOUSSE AYANT UNE TOLERANCE ELEVEE AUX HYDROCARBURES**

[72] KOCZO, KALMAN, US  
[72] TSELNIK, OLEG, US  
[72] FALK, BENJAMIN, US  
[72] POLICELLO, GEORGE A., US  
[73] MOMENTIVE PERFORMANCE MATERIALS INC., US  
[85] 2013-02-22  
[86] 2011-09-15 (PCT/US2011/051739)  
[87] (WO2012/037333)  
[30] US (12/883,368) 2010-09-16

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[11] **2,807,471**  
[13] C

[51] **Int.Cl. E21B 43/26 (2006.01) E21B 23/04 (2006.01) E21B 33/124 (2006.01)**  
[25] EN  
[54] **PLUG COUNTER, FRACING SYSTEM AND METHOD**  
[54] **COMPTEUR ENFICHABLE, SYSTEME DE FRACTURATION ET PROCEDE**

[72] O'CONNELL, MARIA M., US  
[72] XU, YANG, US  
[72] MIRELES, HECTOR H., US  
[72] KORKMAZ, LALE, US  
[73] BAKER HUGUES INCORPORATED, US  
[85] 2013-02-04  
[86] 2011-06-23 (PCT/US2011/041663)  
[87] (WO2012/027015)  
[30] US (12/862,128) 2010-08-24

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[13] C

- [51] **Int.Cl. A61K 31/19 (2006.01) A61P 17/00 (2006.01) A61P 31/10 (2006.01)**  
[25] EN  
[54] **TREATMENT OF FUNGAL INFECTIONS**  
[54] **TRAITEMENT D'INFECTIONS FONGIQUES**  
[72] AGHOLME, ASTRID, SE  
[73] ABBELL AB, SE  
[85] 2013-02-27  
[86] 2011-09-12 (PCT/SE2011/051101)  
[87] (WO2012/036616)  
[30] US (61/383,825) 2010-09-17  
[30] EP (10177275.4) 2010-09-17

[11] **2,810,504**  
[13] C

- [51] **Int.Cl. C22C 19/05 (2006.01) B22F 1/00 (2006.01) C22C 1/04 (2006.01)**  
[25] EN  
[54] **NICKEL ALLOY**  
[54] **ALLIAGE DE NICKEL**  
[72] GU, YUEFENG, JP  
[72] YOKOKAWA, TADAHARU, JP  
[72] KOBAYASHI, TOSHIHARU, JP  
[72] OSADA, TOSHIO, JP  
[72] FUJIOKA, JUNZO, JP  
[72] HARADA, HIROSHI, JP  
[72] NAGAHAMA, DAISUKE, JP  
[72] KIKUCHI, YUSUKE, JP  
[73] HONDA MOTOR CO., LTD., JP  
[73] NATIONAL INSTITUTE FOR MATERIALS SCIENCE, JP  
[85] 2013-03-05  
[86] 2011-11-09 (PCT/JP2011/075861)  
[87] (WO2012/063879)  
[30] JP (2010-251967) 2010-11-10

[11] **2,810,691**  
[13] C

- [51] **Int.Cl. H04W 4/12 (2009.01)**  
[25] EN  
[54] **ELECTRONIC DEVICE AND METHOD FOR UPDATING MESSAGE RECIPIENTS BASED ON MESSAGE BODY INDICATORS**  
[54] **DISPOSITIF ELECTRONIQUE ET PROCEDE DE MISE A JOUR DES DESTINATAIRES D'UN MESSAGE EN FONCTION DES INDICATEURS D'UN CORPS DE MESSAGE**  
[72] MARTIN, DARYL J., CA  
[72] O'NEILL, CONOR M., CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2810691)  
[87] (2810691)  
[22] 2013-03-27  
[30] EP (12165771.2) 2012-04-26

[11] **2,810,855**  
[13] C

- [51] **Int.Cl. C07C 7/12 (2006.01) B01D 53/047 (2006.01) C07C 11/04 (2006.01) C10G 70/04 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR RECOVERING ETHYLENE FROM FLUIDIZED CATALYTIC CRACKING (FCC) OFF-GAS**  
[54] **PROCEDE ET APPAREIL POUR RECUPERER L'ETHYLENE CONTENU DANS LE DEGAGEMENT GAZEUX ISSU DU CRAQUAGE CATALYTIQUE EN LIT FLUIDISE (FCC)**  
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[72] KIM, JONG NAM, KR  
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[72] LEE, SEONG JUN, KR  
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[72] KO, CHANG HYUN, KR  
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[72] SELLE, ANDREW, US  
[72] EISENACHER, CHRISTIAN, US  
[72] NICHOLS, GREGORY, US  
[73] DISNEY ENTERPRISES, INC., US  
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[54] **METHOD, SYSTEM AND APPARATUS FOR AUTOMATED ALERTS**  
[54] **PROCEDE, SYSTEME ET APPAREIL POUR ALERTES AUTOMATISEES**  
[72] HYMEL, JAMES ALLEN, CA  
[72] THOMAS, ALEC REID, CA  
[72] KIKIC, EDVARD, CA  
[72] EVANS, JONATHAN ANDREW, CA  
[72] HODDER, JANINE MARY, CA  
[73] BLACKBERRY LIMITED, CA  
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[54] **NEW METHOD FOR EXTINGUISHING FIRE**  
[54] **NOUVEAU PROCEDE D'EXTINCTION D'INCENDIE**  
[72] GUO, HONGBAO, CN  
[72] ZHANG, WEIPENG, CN  
[73] XI'AN J&R FIRE FIGHTING EQUIPMENT CO., LTD., CN  
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[54] **ARYLOXYUREA COMPOUND AND PEST CONTROL AGENT**  
[54] **COMPOSE ARYLOXYUREE ET AGENT DE LUTTE CONTRE DES ORGANISMES NUISIBLES**  
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[72] NAKAMURA TAKEHIKO, JP  
[72] TAMAI TETSUO, JP  
[72] HANAI DAISUKE, JP  
[73] NIPPON SODA CO., LTD., JP  
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[54] **METHOD AND APPARATUS FOR ADJUSTING VIDEO COMPRESSION PARAMETERS FOR ENCODING SOURCE VIDEO BASED ON A VIEWER'S ENVIRONMENT**  
[54] **PROCEDE ET APPAREIL D'AJUSTEMENT DE PARAMETRES DE COMPRESSION VIDEO POUR CODAGE DE VIDEO DE SOURCE EN FONCTION DE L'ENVIRONNEMENT DU SPECTATEUR**  
[72] BEKIARES, TYRONE D., US  
[72] BROWN, ALLAN G., US  
[72] NOVORITA, ROBERT J., US  
[72] PAPPAS, SCOTT J., US  
[72] TINE, STEVEN D., US  
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[54] **METHOD OF REAL TIME MONITORING OF WELL OPERATIONS USING SELF-SENSING TREATMENT FLUIDS**  
[54] **PROCEDE DE SURVEILLANCE EN TEMPS REEL D'OPERATIONS DE PUIITS A L'AIDE DE FLUIDES DE TRAITEMENT A AUTO-DETECTION**  
[72] MARTIN, ROBERT S., US  
[72] NARVAEZ, GUIDO GUSTAVO, US  
[72] QU, QI, US  
[72] ITSKOVICH, GREGORY B., US  
[73] BAKER HUGHES INCORPORATED, US  
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[54] **VALVE DE DECOMPRESSION**  
[72] NINOMIYA, MAKOTO, JP  
[72] NOMICHI, KAORU, JP  
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[73] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP  
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[54] **METHOD OF PREVENTING OR REDUCING ALUMINOSILICATE SCALE IN INDUSTRIAL PROCESSES**  
[54] **PROCEDE VISANT A EMPECHER OU REDUIRE LES DEPOTS D'ALUMINOSILICATE LORS DE PROCEDES INDUSTRIELS**  
[72] TAYLOR, MATTHEW L., US  
[72] CHEN, HAUNN-LIN TONY, US  
[72] SPITZER, DONALD P., US  
[72] HEITNER, HOWARD I., US  
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[54] **DISPOSITIF DE CHAUFFAGE COMBINE SANS FLAMME**  
[72] BELL, PATRICK G., CA  
[72] BECKIE, WILLIAM N., CA  
[73] CONLEYMAX INC., CA  
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[54] **METHOD FOR PRODUCING FIBROUS MATERIALS PRE-IMPREGNATED WITH A THERMOHARDENABLE POLYMER**  
[54] **PROCEDE DE FABRICATION DE MATERIAU FIBREUX PRE-IMPREGNE DE POLYMERE THERMODURCISSABLE**  
[72] GAILLARD, PATRICE, FR  
[72] HAVEL, MICKAEL, US  
[72] KORZHENKO, ALEXANDER, FR  
[73] ARKEMA FRANCE, FR  
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[54] **PROCEDES POUR AMELIORER LA PRODUCTIVITE D'UN Puits**  
[72] GARCIA-LOPEZ DE VICTORIA, MARIELIZ, US  
[72] ABAD, CARLOS, US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2013-04-30  
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[54] **FLANGE MEMBER, PHOTOSENSITIVE DRUM, PROCESS CARTRIDGE, IMAGE FORMING APPARATUS, AND IMAGE FORMING METHOD**  
[54] **ELEMENT FORMANT REBORD, TAMBOUR PHOTOSENSIBLE, CARTOUCHE DE TRAITEMENT, APPAREIL DE FORMATION D'IMAGE ET PROCEDE DE FORMATION D'IMAGE**  
[72] KUBO, DAISUKE, JP  
[72] YANO, KEIICHI, JP  
[72] NAKAMURA, AKIRA, JP  
[72] ARAI, YOKO, JP  
[73] RICOH COMPANY, LTD., JP  
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[54] **MEDICAL APPARATUS AND METHOD OF MAKING THE SAME**  
[54] **APPAREIL MEDICAL ET SON PROCEDE DE FABRICATION**  
[72] SOKEL, JUSTIN W., US  
[72] ZUKOWSKI, STANISLAW L., US  
[73] W.L. GORE & ASSOCIATES, INC., US  
[85] 2013-05-03  
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[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE FENESTRATION**  
[72] CULLY, EDWARD H., US  
[73] W. L. GORE & ASSOCIATES, INC., US  
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[54] **PHOSPHONATES ET LEURS DERIVES UTILISES COMME AGENTS D'ACTIVATION D'INSECTICIDES**

[72] STOCK, DAVID, GB  
[72] PIPER, CATHERINE JULIA, GB  
[72] RAMSAY, JULIA LYNNE, GB  
[72] BIRCHMORE, MARK STEVEN, CH  
[72] MULQUEEN, PATRICK JOSEPH, GB  
[72] PERRY, RICHARD BRIAN, GB  
[73] SYNGENTA PARTICIPATIONS AG, CH

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[54] **GENERATION DE PUISSANCE POUR ACTIONNEURS A VALVE**

[72] DOLENTI, WILLIAM T., US  
[72] MORRIS, DANIEL J., US  
[72] CARLSON, DANIEL E., US  
[72] FLEURY, BYRON A., US  
[72] SIMONS, DAVID R., US  
[73] FLOWSERVE MANAGEMENT COMPANY, US

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[54] **METHODS TO CREATE HIGH CONDUCTIVITY FRACTURES THAT CONNECT HYDRAULIC FRACTURE NETWORKS IN A WELL**

[54] **PROCEDES POUR CREER DES FRACTURES A HAUTE CONDUCTIVITE QUI RACCORDENT DES RESEAUX DE FRACTURE HYDRAULIQUE DANS UN PUIS**

[72] GU, HONGREN, US  
[72] CHEN, YIYAN, US  
[72] WENG, XIAOWEI, US  
[73] SCHLUMBERGER CANADA LIMITED, CA

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[54] **COSMETIC COMPOSITIONS BASED ON A N-ACYL AMINO ACID COMPOUND AND HEXYLDECANOL**

[54] **COMPOSITIONS COSMETIQUES CONTENANT UN COMPOSE N-ACYL AMINOACIDE ET DE L'HEXYLDECANOL**

[72] TANAKA, SHUHEI, JP  
[73] THE PROCTER & GAMBLE COMPANY, US

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[54] **BUSE DE COULEE SOUS PRESSION ET PROCEDE DE COULEE SOUS PRESSION**

[72] MULLER, WALTER, DE  
[73] FERROFACTA GMBH, DE  
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[54] **METHOD FOR PRODUCING IMPLANT MATERIAL**

[54] **PROCEDE POUR PRODUIRE UN MATERIAU D'IMPLANT**

[72] HOTTA, YUJI, JP  
[72] SAKANE, MASATAKA, JP  
[73] KURARAY CO., LTD., JP  
[73] UNIVERSITY OF TSUKUBA, JP  
[85] 2013-05-17  
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[54] **INTERPOLYMER CROSSLINKED GEL AND METHOD OF USING GEL RETICULE D'INTERPOLYMER ET PROCEDE D'UTILISATION**

[72] SULLIVAN, PHILIP F., US  
[72] HUTCHINS, RICHARD D., US  
[72] MIRAKYAN, ANDREY, US  
[72] TUSTIN, GARY JOHN, GB  
[72] LIN, LIJUN, US  
[73] SCHLUMBERGER CANADA LIMITED, CA

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[54] **DERIVES DE CYCLODEXTRINE/DEOXY-6-THIOETHER-AMINO-ACIDE ET LEUR PROCEDE DE PREPARATION**

[72] QI, YOUMAO, CN  
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[54] **MODELISATION D'UNE INTERPRETATION DE DONNEES DE MODELISATION DE COMPACTION EN TEMPS REEL A PARTIR D'UN SYSTEME DE SURVEILLANCE MULTISECTION**

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[72] YANG, XUDONG, US  
[73] BAKER HUGHES INCORPORATED, US

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[54] **RACCORD TUBULAIRE EXTENSIBLE**

[72] CURLEY, ERIC J., US  
[72] ADAM, MARK K., US  
[72] GOMEZ, LEOPOLDO S., US  
[72] O'BRIEN, ROBERT S., US  
[72] BAUGH, JOHN L., US  
[73] BAKER HUGHES INCORPORATED, US

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[54] **OPTIMIZED INTEGRATED CONTROLS FOR OXY-FUEL COMBUSTION POWER PLANT**

[54] **COMMANDES INTEGREES OPTIMISEES POUR CENTRALE DE COMBUSTION OXYGAZ**

[72] LOU, XINSHENG, US  
[73] ALSTOM TECHNOLOGY LTD, CH  
[85] 2013-06-05  
[86] 2011-11-08 (PCT/US2011/059686)  
[87] (WO2012/078284)  
[30] US (12/962,368) 2010-12-07

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[11] **2,820,555**  
[13] C

[51] **Int.Cl. G01V 8/10 (2006.01) G01K 11/32 (2006.01) G01V 8/16 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR DISTRIBUTED ENVIRONMENTAL PARAMETER MEASUREMENT**

[54] **SYSTEME ET PROCEDE POUR LA MESURE DE PARAMETRES ENVIRONNEMENTAUX REPARTIS**

[72] HALL, TRAVIS S., US  
[73] BAKER HUGHES INCORPORATED, US

[85] 2013-06-06  
[86] 2011-11-08 (PCT/US2011/059765)  
[87] (WO2012/078287)  
[30] US (12/962,786) 2010-12-08

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[11] **2,820,660**  
[13] C

[51] **Int.Cl. C02F 1/52 (2006.01) C02F 11/12 (2006.01) C10G 1/04 (2006.01) G01N 33/28 (2006.01)**

[25] EN

[54] **MEASUREMENT AND PROCESS CONTROL TECHNIQUES FOR DEWATERING OF THICK FINE TAILINGS**

[54] **TECHNIQUES DE MESURAGE ET DE CONTROLE DE PROCEDE POUR LA DESHYDRATATION DES RESIDUS FINS EPAIS**

[72] SANCHEZ, ANA, CA  
[72] BUGG, TREVOR, CA  
[72] REVINGTON, ADRIAN, CA  
[73] SUNCOR ENERGY INC., CA  
[86] (2820660)  
[87] (2820660)  
[22] 2013-06-20  
[30] US (61/662,706) 2012-06-21

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[11] **2,820,793**  
[13] C

[51] **Int.Cl. G03F 7/14 (2006.01) B41C 1/05 (2006.01) B41N 1/22 (2006.01)**

[25] EN

[54] **METHOD OF IMPROVING PRINT PERFORMANCE IN FLEXOGRAPHIC PRINTING PLATES**

[54] **PROCEDE D'AMELIORATION DES PERFORMANCES D'IMPRESSIION DANS DES PLAQUES FLEXOGRAPHIQUES**

[72] BRYANT, LAURIE A., US  
[73] MACDERMID PRINTING SOLUTIONS, LLC, US  
[85] 2013-06-07  
[86] 2011-11-23 (PCT/US2011/061999)  
[87] (WO2012/094068)  
[30] US (12/984,699) 2011-01-05

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[11] **2,820,975**  
[13] C

[51] **Int.Cl. G21C 3/32 (2006.01)**

[25] EN

[54] **FUEL ROD LAYOUT FOR CANDU FUEL BUNDLE**

[54] **AGENCEMENT DE BARRES DE COMBUSTIBLE POUR GRAPPE DE COMBUSTIBLE CANDU**

[72] PARK, JOO-HWAN, KR  
[72] RYU, EUN HYUN, KR  
[72] SONG, YONG MANN, KR  
[72] JUNG, JONG YEOP, KR  
[73] KOREA ATOMIC ENERGY RESEARCH INSTITUTE, KR  
[86] (2820975)  
[87] (2820975)  
[22] 2013-07-16  
[30] KR (10-2012-0080766) 2012-07-24

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[11] **2,821,150**  
[13] C

[51] **Int.Cl. E21B 44/00 (2006.01) E21B 7/00 (2006.01) E21B 47/02 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR PRODUCING AND MEASURING A BOREHOLE**

[54] **PROCEDE ET DISPOSITIF POUR PRODUIRE ET MESURER UN Puits DE FORAGE**

[72] SCHWANZ, CHRISTOPH, DE  
[72] WIEDENMANN, ULLI, DE  
[73] BAUER SPEZIALTIEFBAU GMBH, DE  
[86] (2821150)  
[87] (2821150)  
[22] 2013-07-17  
[30] EP (12 005 850.8) 2012-08-13

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[11] **2,821,429**  
[13] C

[51] **Int.Cl. B62D 25/04 (2006.01)**

[25] EN

[54] **STRUCTURE FOR SIDE PORTION OF VEHICLE**

[54] **STRUCTURE POUR PARTIE LATERALE DE VEHICULE**

[72] KATO, SEIICHI, JP  
[72] KOBAYASHI, NORITAKA, JP  
[72] KOJIMA, HIDEAKI, JP  
[73] HONDA MOTOR CO., LTD., JP  
[85] 2013-06-12  
[86] 2011-11-08 (PCT/JP2011/075675)  
[87] (WO2012/081335)  
[30] JP (2010-277164) 2010-12-13

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[11] **2,822,023**  
[13] C

[51] **Int.Cl. B01J 35/10 (2006.01) B01J 21/06 (2006.01) B01J 21/08 (2006.01) B01J 23/30 (2006.01) B01J 27/14 (2006.01) B01J 37/03 (2006.01)**

[25] EN

[54] **CARRIER FOR NOX REDUCTION CATALYST**

[54] **SUPPORT POUR UN CATALYSEUR DE REDUCTION DES NOX**

[72] YONEMURA, MASANAO, JP  
[72] NOCHI, KATSUMI, JP  
[72] KIYOSAWA, MASASHI, JP  
[73] MITSUBISHI HITACHI POWER SYSTEMS, LTD., JP  
[85] 2013-06-17  
[86] 2011-12-07 (PCT/JP2011/078265)  
[87] (WO2012/086413)  
[30] JP (2010-283012) 2010-12-20

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[11] **2,822,314**  
[13] C

[51] **Int.Cl. A23D 9/00 (2006.01) C11B 1/10 (2006.01) C11B 3/00 (2006.01)**

[25] EN

[54] **CONCENTRATE OF OMEGA 3**

[54] **CONCENTRE D'OMEGA 3**

[72] SEPULVEDA REYES, JUVENAL ANTONIO, CL  
[72] BERRIOS CORNEJO, MIRIAM ROSA, CL  
[72] FUENZALIDA DIAZ, MIGUEL ANGEL, CL  
[72] MARKOVITS ROJAS, ALEJANDRO, CL  
[72] HARTING GLADE, THOMAS FRANCIS, CL  
[73] GOLDEN OMEGA S.A., CL  
[85] 2013-06-19  
[86] 2011-12-25 (PCT/CL2011/000082)  
[87] (WO2012/088620)  
[30] CL (1587-2010) 2010-12-27

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[11] **2,822,564**  
[13] C

[51] **Int.Cl. B01D 3/06 (2006.01)**  
[25] EN  
[54] **MICROFLUIDIC SYSTEM AND METHOD FOR PERFORMING A FLASH SEPARATION OF A RESERVOIR FLUID SAMPLE**  
[54] **SYSTEME MICROFLUIDIQUE ET PROCEDE POUR EFFECTUER UNE SEPARATION PAR VAPORISATION D'UN ECHANTILLON DE FLUIDE DE RESERVOIR**  
[72] SINGH, ANIL, US  
[72] SCHMIDT, KURT, GB  
[72] MOSTOWFI, FARSHID, CA  
[72] FISHER, ROBERT, CA  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2013-06-20  
[86] 2011-02-11 (PCT/IB2011/050573)  
[87] (WO2012/107799)

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[11] **2,823,093**  
[13] C

[51] **Int.Cl. A61B 17/11 (2006.01) A61B 17/115 (2006.01) A61L 24/04 (2006.01)**  
[25] EN  
[54] **SEAL ELEMENT FOR ANASTOMOSIS**  
[54] **ELEMENT DE SCHELEMENT POUR ANASTOMOSE**  
[72] BETTUCHI, MICHAEL, US  
[72] FOWLER, DAVID N., US  
[72] HADBA, AHMAD R., US  
[72] CRISCUOLO, CHRISTOPHER J., US  
[72] KENNEDY, JACK, US  
[73] TYCO HEALTHCARE GROUP LP, CA  
[86] (2823093)  
[87] (2823093)  
[22] 2005-09-29  
[62] 2,583,387  
[30] US (60/619,238) 2004-10-15

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[11] **2,823,769**  
[13] C

[51] **Int.Cl. E02D 7/08 (2006.01)**  
[25] EN  
[54] **POST DRIVER WITH GRAPPLER MECHANISM**  
[54] **ENFONCE-PIEU AVEC MECANISME A GRAPPIN**  
[72] NIEKAMP, GARY J., US  
[72] VAN LANT, TYLER, US  
[73] DANUSER LLC, US  
[86] (2823769)  
[87] (2823769)  
[22] 2013-08-12  
[30] US (13/753,253) 2013-01-29

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[11] **2,824,148**  
[13] C

[51] **Int.Cl. B29C 33/38 (2006.01) B82Y 40/00 (2011.01) B29C 33/42 (2006.01) B29C 39/26 (2006.01) B29C 59/02 (2006.01) B82B 1/00 (2006.01) G02B 5/18 (2006.01) G03F 7/20 (2006.01) H01L 21/027 (2006.01) H01L 51/50 (2006.01) H05B 33/02 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRODUCING MOLD FOR MINUTE PATTERN TRANSFER, METHOD FOR PRODUCING DIFFRACTION GRATING USING THE SAME, AND METHOD FOR PRODUCING ORGANIC EL ELEMENT INCLUDING THE DIFFRACTION GRATING**  
[54] **PROCEDE DE FABRICATION DE MOULE POUR TRANSFERT DE MOTIF FIN, PROCEDE DE FABRICATION DE RESEAU DE DIFFRACTION AVEC CELUI-CI, ET PROCEDE DE FABRICATION D'ELEMENT ELECTROLUMINESCENT ORGANIQUE COMPORTANT CE RESEAU**  
[72] MASUYAMA, SATOSHI, JP  
[72] TAKAHASHI, MADOKA, JP  
[72] NISHIMURA, SUZUSHI, JP  
[72] FUKUDA, MAKI, JP  
[72] SEKI, TAKASHI, JP  
[73] JX NIPPON OIL & ENERGY CORPORATION, JP  
[73] TOKYO INSTITUTE OF TECHNOLOGY, JP  
[85] 2013-07-08  
[86] 2012-01-13 (PCT/JP2012/050564)  
[87] (WO2012/096368)  
[30] JP (2011-006487) 2011-01-14

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[11] **2,824,654**  
[13] C

[51] **Int.Cl. A01L 15/00 (2006.01)**  
[25] EN  
[54] **A DEVICE AND METHOD TO TREAT ANIMAL HOOVES**  
[54] **DISPOSITIF ET PROCEDE POUR TRAITER LES SABOTS D'UN ANIMAL**  
[72] RICHARDS, RANDALL, US  
[73] GEA FARM TECHNOLOGIES, INC., US  
[85] 2013-07-04  
[86] 2012-01-11 (PCT/US2012/020944)  
[87] (WO2012/097066)  
[30] US (61/460,983) 2011-01-11

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[11] **2,825,456**  
[13] C

[51] **Int.Cl. C07D 207/333 (2006.01) A61K 31/40 (2006.01) A61P 3/00 (2006.01)**  
[25] EN  
[54] **TREATMENT FOR LIPODYSTROPHY**  
[54] **TRAITEMENT DE LA LIPODYSTROPHIE**  
[72] GAMBHIRE, DHIRAJ, IN  
[72] JANI, RAJENDRAKUMAR HARIPRASAD, IN  
[72] PANDEY, BIPIN, IN  
[72] SATA, KAUSHIK, IN  
[72] KOTHARI, HIMANSHU, IN  
[72] PATEL, PANKAJ RAMANBHAI, IN  
[73] CADILA HEALTHCARE LIMITED, IN  
[85] 2013-07-23  
[86] 2012-01-30 (PCT/IN2012/000069)  
[87] (WO2012/104869)  
[30] IN (257/MUM/2011) 2011-01-31

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[11] **2,825,594**  
[13] C

[51] **Int.Cl. A61K 31/716 (2006.01) C08B 37/00 (2006.01)**  
[25] EN  
[54] **WATER SOLUBLE NUTRITIONAL COMPOSITIONS COMPRISING CEREAL BETA-GLUCAN AND RESISTANT STARCH**  
[54] **COMPOSITIONS NUTRITIVES HYDROSOLUBLES COMPRENANT DU BETA-GLUCANE DE CEREALE ET DE L'AMIDON RESISTANT**  
[72] SOMAVAT, ROMEL, US  
[72] PATEL, GAURAV C., US  
[73] ABBOTT LABORATORIES, US  
[85] 2013-07-23  
[86] 2012-02-13 (PCT/US2012/024820)  
[87] (WO2012/112421)  
[30] US (61/443,825) 2011-02-17

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[11] **2,825,606**  
[13] C

[51] **Int.Cl. B65D 1/00 (2006.01) C08L 101/12 (2006.01)**  
[25] EN  
[54] **SUSTAINABLE PACKAGING FOR CONSUMER PRODUCTS**  
[54] **EMBALLAGE DURABLE POUR PRODUITS DE CONSOMMATION**  
[72] BOSWELL, EMILY CHARLOTTE, US  
[72] COLLIAS, DIMITRIS IOANNIS, US  
[72] MAGNESS, ROBERT EARL, US  
[72] ZIMMERMAN, DEAN ARTHUR, US  
[72] LAYMAN, JOHN MONCRIEF, US  
[72] MCDANIEL, JOHN ANDREW, US  
[72] RAUCKHORST, HOLLY BALASUBRAMANIAN, US  
[72] WATSON, ANDREW BENJAMIN, US  
[72] BURNS, ANTHONY JAMES, US  
[72] DUNPHY, BRANDON MATTHEW, US  
[72] NELTNER, ANDREW ERIC, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 2013-07-24  
[86] 2011-11-16 (PCT/US2011/060999)  
[87] (WO2012/102778)  
[30] US (13/013,302) 2011-01-25

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[11] **2,826,435**  
[13] C

[51] **Int.Cl. F02B 43/00 (2006.01) F02B 23/06 (2006.01) F02D 19/02 (2006.01) F02F 3/26 (2006.01)**  
[25] EN  
[54] **COMBUSTION SYSTEM FOR GASEOUS FUELLED INTERNAL COMBUSTION ENGINE**  
[54] **SYSTEME DE COMBUSTION POUR MOTEUR A COMBUSTION INTERNE A COMBUSTIBLE GAZEUX**  
[72] HUANG, JIAN, CA  
[72] GOUDIE, DALE W., CA  
[73] WESTPORT POWER INC., CA  
[86] (2826435)  
[87] (2826435)  
[22] 2013-09-06

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[11] **2,826,437**  
[13] C

[51] **Int.Cl. H02J 3/38 (2006.01) F03D 7/00 (2006.01) H02J 3/18 (2006.01)**  
[25] EN  
[54] **VOLTAGE CONTROL IN A DOUBLY-FED INDUCTION GENERATOR WIND TURBINE SYSTEM**  
[54] **COMMANDE DE TENSION DANS UNE EOLIENNE GENERATRICE A INDUCTION A DOUBLE ALIMENTATION**  
[72] WAGONER, ROBERT GREGORY, US  
[72] KLODOWSKI, ANTHONY MICHAEL, US  
[73] GENERAL ELECTRIC COMPANY, US  
[86] (2826437)  
[87] (2826437)  
[22] 2013-09-05  
[30] US (13/613,410) 2012-09-13

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[11] **2,826,455**  
[13] C

[51] **Int.Cl. B64C 13/50 (2006.01)**  
[25] EN  
[54] **A METHOD OF OPERATING ACTUATORS SIMULTANEOUSLY FOR MOVING AIRCRAFT FLAPS, AN AIRCRAFT FLAP DRIVE DEVICE, AND AN AIRCRAFT PROVIDED WITH SUCH A DEVICE**  
[54] **PROCEDE DE FONCTIONNEMENT SIMULTANE D'ACTIONNEURS POUR DEPLACER DES VOILETS D'AERONEF, DISPOSITIF D'ENTRAINEMENT DE VOLET D'AERONEF ET AERONEF DOTE D'UN TEL DISPOSITIF**  
[72] MARQUES, FREDERIC, FR  
[72] MERCIER, GUILLAUME, FR  
[72] MENIO, STEPHANE, FR  
[73] SAGEM DEFENSE SECURITE, FR  
[85] 2013-08-02  
[86] 2012-02-29 (PCT/EP2012/053409)  
[87] (WO2012/117009)  
[30] FR (1151645) 2011-03-01  
[30] US (61/552,999) 2011-10-28

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[11] **2,826,501**  
[13] C

[51] **Int.Cl. A63B 63/04 (2006.01)**  
[25] EN  
[54] **TARGET APPARATUS FOR HOCKEY OR OTHER SPORTS**  
[54] **APPAREIL CIBLE POUR HOCKEY OU AUTRES SPORTS**  
[72] DUNLOP, DWAYNE, CA  
[73] DUNLOP, DWAYNE, CA  
[86] (2826501)  
[87] (2826501)  
[22] 2013-09-06

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[11] **2,826,626**  
[13] C

[51] **Int.Cl. C09K 5/04 (2006.01)**  
[25] EN  
[54] **METHOD FOR PREPARING A  
TERNARY OR HIGHER  
ZEOTROPIC REFRIGERANT  
MIXTURE**  
[54] **PROCEDE DE PREPARATION  
D'UN MELANGE REFRIGERANT  
ZEOTROPIQUE AU MOINS  
TERNAIRE**  
[72] LOW, ROBERT E., GB  
[72] CORR, STUART, GB  
[73] MEXICHEM AMANCO HOLDING  
S.A. DE C.V., MX  
[85] 2013-08-02  
[86] 2012-02-14 (PCT/GB2012/050328)  
[87] (WO2012/110801)  
[30] GB (1102691.1) 2011-02-16

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[11] **2,826,888**  
[13] C

[51] **Int.Cl. E21B 49/00 (2006.01) E21B  
47/003 (2012.01) E21B 44/00 (2006.01)  
G09B 9/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND APPARATUS FOR  
MODELING THE BEHAVIOR OF  
A DRILLING ASSEMBLY**  
[54] **SYSTEME ET APPAREIL POUR  
LA MODELISATION DU  
COMPORTEMENT D'UN  
ENSEMBLE DE FORAGE**  
[72] DOWNTON, GEOFFREY C., GB  
[73] SCHLUMBERGER CANADA  
LIMITED, CA  
[85] 2013-08-08  
[86] 2012-02-13 (PCT/US2012/024891)  
[87] (WO2012/109663)  
[30] US (61/441,667) 2011-02-11  
[30] US (13/370,013) 2012-02-09

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[11] **2,826,983**  
[13] C

[51] **Int.Cl. G01S 19/00 (2010.01) G01B  
15/06 (2006.01) G01V 1/24 (2006.01)**  
[25] EN  
[54] **A SEISMIC MEASURING SYSTEM  
INCLUDING GPS RECEIVERS**  
[54] **SYSTEME DE MESURE SISMIQUE  
COMPRENANT DES  
RECEPTEURS GPS**  
[72] FENTON, PATRICK C., CA  
[73] NOVATEL INC., CA  
[86] (2826983)  
[87] (2826983)  
[22] 2004-07-16  
[62] 2,532,627  
[30] US (60/488,124) 2003-07-17  
[30] US (10/891,800) 2004-07-15

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[11] **2,827,132**  
[13] C

[51] **Int.Cl. E21B 33/12 (2006.01) B29C  
65/00 (2006.01) E21B 23/06 (2006.01)**  
[25] EN  
[54] **BOREHOLE METAL MEMBER  
BONDING BY PYROTECHNIC  
COMPOSITION**  
[54] **LIAISON D'ELEMENTS  
METALLIQUES DE FOND DE  
TROU PAR COMPOSITION  
PYROTECHNIQUE**  
[72] CORTEZ, STEVE MICHAEL, US  
[73] BAKER HUGHES INCORPORATED,  
US  
[85] 2013-08-12  
[86] 2012-03-30 (PCT/US2012/031416)  
[87] (WO2012/138556)  
[30] US (13/082,033) 2011-04-07

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[11] **2,827,341**  
[13] C

[51] **Int.Cl. H01M 2/24 (2006.01) B60R  
16/04 (2006.01)**  
[25] EN  
[54] **MOTOR VEHICLE BATTERY  
HAVING AN INTERNAL  
TERMINAL DISCONNECT  
SWITCH**  
[54] **BATTERIE DE VEHICULE A  
MOTEUR COMPORTANT UN  
SECTIONNEUR TERMINAL  
INTERNE**  
[72] BIRD, LON I., CA  
[73] LONNYB WELDN INC., CA  
[86] (2827341)  
[87] (2827341)  
[22] 2013-09-17

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[11] **2,827,865**  
[13] C

[51] **Int.Cl. F23D 14/22 (2006.01)**  
[25] EN  
[54] **OXY-FUEL BURNER  
ARRANGEMENT**  
[54] **BRULEUR OXY-COMBUSTIBLE**  
[72] COLE, JEFFREY D., US  
[72] JOHNSON, LEIGHTA MAUREEN, US  
[72] MONROIG, LOUIS WALTER, US  
[72] SLAVEJKOV, ALEKSANDAR  
GEORGI, US  
[73] AIR PRODUCTS AND CHEMICALS,  
INC., US  
[85] 2013-08-20  
[86] 2012-03-09 (PCT/US2012/028525)  
[87] (WO2012/122490)  
[30] US (61/451,250) 2011-03-10

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[11] **2,828,143**  
[13] C

[25] EN  
[54] **ZEAXANTHIN-ENRICHED  
POULTRY EGG**  
[54] **□UF DE VOLAILLE ENRICHI EN  
ZEAXANTHINE**  
[72] KAWASHIMA, YUKI, JP  
[72] NAGAI, HIDETADA, JP  
[72] IKARASHI, MICHIHISA, JP  
[73] JX NIPPON OIL & ENERGY  
CORPORATION, JP  
[85] 2013-08-22  
[86] 2012-02-17 (PCT/JP2012/053787)  
[87] (WO2012/114998)  
[30] JP (2011-037619) 2011-02-23

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[11] **2,828,614**  
[13] C

[51] **Int.Cl. F04B 23/06 (2006.01) F04B  
15/02 (2006.01) F04B 53/16 (2006.01)**  
[25] EN  
[54] **MODULAR PUMP ASSEMBLY**  
[54] **ENSEMBLE POMPES  
MODULAIRES**  
[72] COURTEMANCHE, ALAIN, CA  
[73] GEA FARM TECHNOLOGIES  
CANADA INC./DIVISION GEA  
HOULE, CA  
[85] 2013-08-29  
[86] 2012-03-05 (PCT/CA2012/050132)  
[87] (WO2012/119251)  
[30] US (61/449,398) 2011-03-04

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[11] **2,828,814**  
[13] C  
[51] **Int.Cl. H01R 13/514 (2006.01) H01R 9/26 (2006.01) H01R 13/518 (2006.01) H01R 13/73 (2006.01)**  
[25] EN  
[54] **MODULAR PLUG CONNECTORS**  
[54] **CONNECTEUR ENFICHABLE MODULAIRE**  
[72] SCHLEGEL, BERNARD, DE  
[73] HARTING ELECTRIC GMBH & CO. KG, DE  
[85] 2013-08-29  
[86] 2012-01-23 (PCT/DE2012/100016)  
[87] (WO2012/116692)  
[30] DE (10 2011 001 064.5) 2011-03-03

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[11] **2,829,097**  
[13] C  
[51] **Int.Cl. A61F 5/445 (2006.01) A61F 2/04 (2013.01) A61M 39/02 (2006.01)**  
[25] EN  
[54] **MEDICAL DEVICE FOR USE WITH A STOMA**  
[54] **DISPOSITIF MEDICAL POUR UTILISATION AVEC UN STOMATE**  
[72] ESKAROS, SHERIF A., US  
[72] EVERSON, DAVID C., US  
[72] FOUTRAKIS, GEORGE N., US  
[72] HERMAN, JOHN M., US  
[72] JOHNSON, MATTHEW A., US  
[72] LUTZ, PETER J., US  
[72] O'HARA, MICHAEL L., US  
[73] W. L. GORE & ASSOCIATES, INC., US  
[85] 2013-09-04  
[86] 2012-03-07 (PCT/US2012/027984)  
[87] (WO2012/122220)  
[30] US (61/450,422) 2011-03-08

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[11] **2,829,181**  
[13] C  
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/00 (2006.01)**  
[25] EN  
[54] **THE TREATMENT OF VIRAL INFECTIONS**  
[54] **TRAITEMENT D'INFECTIONS VIRALES**  
[72] FERNANDES, DESMOND BRIAN, ZA  
[72] ELLWOOD, PAMELA LEE, ZA  
[73] ENVIRON SKIN CARE (PTY) LTD, ZA  
[85] 2013-09-05  
[86] 2012-03-28 (PCT/IB2012/051483)  
[87] (WO2012/137106)  
[30] ZA (2011/02483) 2011-04-04

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[11] **2,829,244**  
[13] C  
[51] **Int.Cl. A47C 27/15 (2006.01) A47C 27/14 (2006.01)**  
[25] FR  
[54] **FOUR-SIDED REVERSIBLE BEDDING ELEMENT**  
[54] **ELEMENT DE LITERIE REVERSIBLE A QUATRE COTES**  
[72] LAURENT, OLIVIER, FR  
[72] SPORTIS, FABIENNE, FR  
[72] REQUET, FABRICE, FR  
[73] LAURENT, OLIVIER, FR  
[73] SPORTIS, FABIENNE, FR  
[73] REQUET, FABRICE, FR  
[85] 2013-09-05  
[86] 2012-03-14 (PCT/EP2012/054470)  
[87] (WO2012/123499)  
[30] FR (11/00758) 2011-03-14  
[30] FR (1161321) 2011-12-08

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[11] **2,829,737**  
[13] C  
[51] **Int.Cl. B23K 20/12 (2006.01)**  
[25] EN  
[54] **FRICTION STIR SPOT WELDING DEVICE AND FRICTION STIR SPOT WELDING METHOD**  
[54] **DISPOSITIF DE SOUDAGE PAR POINTS A FRICTION-MALAXAGE ET PROCEDE DE SOUDAGE PAR POINTS A FRICTION-MALAXAGE**  
[72] OKADA, HIDEKI, JP  
[72] KASHIKI, HAJIME, JP  
[72] FUKUHARA, KAZUMI, JP  
[72] FUJIMOTO, MITSUO, JP  
[73] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP  
[85] 2013-09-10  
[86] 2012-03-16 (PCT/JP2012/001845)  
[87] (WO2012/127832)  
[30] JP (2011-060853) 2011-03-18

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[11] **2,829,901**  
[13] C  
[51] **Int.Cl. E21B 43/26 (2006.01) C09K 8/68 (2006.01) E21B 37/00 (2006.01) E21B 43/22 (2006.01)**  
[25] EN  
[54] **METHOD OF USING POLYQUATERNIUMS IN WELL TREATMENTS**  
[54] **METHODE D'UTILISATION DE POLYQUATERNIUMS DANS LE TRAITEMENT DES Puits**  
[72] GUPTA, D.V. SATYANARAYANA, US  
[72] CAWIEZEL, KAY, US  
[73] BAKER HUGHES INCORPORATED, US  
[86] (2829901)  
[87] (2829901)  
[22] 2008-10-22  
[62] 2,641,479

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[11] **2,829,928**  
[13] C  
[51] **Int.Cl. E21B 33/124 (2006.01)**  
[25] EN  
[54] **COILED TUBING PACKER SYSTEM**  
[54] **SYSTEME D'ETANCHEITE A COLONNE DE PRODUCTION EN SPIRALE**  
[72] HUESTON, KENNETH JAMES, CA  
[72] HUBER, DOUGLAS, CA  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[86] (2829928)  
[87] (2829928)  
[22] 2013-10-10  
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[11] **2,830,426**  
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[51] **Int.Cl. F24H 9/20 (2006.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR REMOTELY MANAGING WATER HEATING UNITS IN A WATER HEATER TO ADDRESS GRID IMBALANCES AND RELATED WATER HEATERS AND CIRCUITS**

[54] **PROCEDES ET SYSTEMES DE GESTION A DISTANCE DES UNITES DE CHAUFFAGE D'EAU DANS UN CHAUFFE-EAU VISANT A CORRIGER LES DESEQUILIBRES DU RESEAU ELECTRIQUE ET CHAUFFE-EAU ET CIRCUITS CONNEXES**

[72] FLOHR, DANIEL, US  
[73] SEQUENTRIC ENERGY SYSTEMS, LLC, US  
[86] (2830426)  
[87] (2830426)  
[22] 2013-10-15  
[30] US (61/714,981) 2012-10-17  
[30] US (61/856,260) 2013-07-19  
[30] US (61/886,591) 2013-10-03

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[13] C

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[25] EN  
[54] **ENERGY CONSUMPTION MANAGEMENT**

[54] **GESTION DE LA CONSOMMATION D'ENERGIE**

[72] BORRETT, MARC, GB  
[72] HUOMO, HEIKKI, FI  
[73] REACTIVE TECHNOLOGIES LIMITED, GB  
[85] 2013-09-18  
[86] 2012-03-26 (PCT/EP2012/055355)  
[87] (WO2012/127065)  
[30] GB (1104986.3) 2011-03-24  
[30] EP (12161124.8) 2012-03-23

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[13] C

[51] **Int.Cl. C11D 3/34 (2006.01) C11D 3/20 (2006.01) C11D 3/30 (2006.01)**

[25] EN  
[54] **CONDITIONING AGENTS FOR PERSONAL CARE COMPOSITIONS**

[54] **AGENTS DE CONDITIONNEMENT POUR COMPOSITIONS D'HYGIENE CORPORELLE**

[72] KAPSNER, TIMOTHY ROLAND, US  
[72] NOWLAN, DANIEL THOMAS, III, US  
[73] ELC MANAGEMENT LLC, US  
[85] 2013-09-20  
[86] 2012-04-11 (PCT/US2012/033136)  
[87] (WO2012/142170)  
[30] US (61/475,145) 2011-04-13

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[13] C

[51] **Int.Cl. B62D 53/08 (2006.01)**

[25] EN  
[54] **SLIDING HITCH WITH AUTOMATIC ARMING LATCH**

[54] **ATTELAGE COULISSANT AVEC VERROU D'ARMEMENT AUTOMATIQUE**

[72] MCCALL, TRAVIS M., US  
[73] B & W CUSTOM TRUCK BEDS, INC., US  
[86] (2831191)  
[87] (2831191)  
[22] 2013-10-25  
[30] US (61/719,095) 2012-10-26  
[30] US (14/062,557) 2013-10-24

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[11] **2,831,228**  
[13] C

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 33/03 (2006.01)**

[25] EN  
[54] **ESP WITH OFFSET LATERALLY LOADED BEARINGS**

[54] **POMPE SUBMERSIBLE ELECTRIQUE (ESP) MUNI DE PALIERS CHARGES LATERALEMENT DECALES**

[72] FORSBERG, MICHAEL A., US  
[73] BAKER HUGHES INCORPORATED, US  
[85] 2013-09-24  
[86] 2012-02-09 (PCT/US2012/024394)  
[87] (WO2012/134639)  
[30] US (13/074,865) 2011-03-29

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[13] C

[51] **Int.Cl. F16B 19/02 (2006.01) B21D 53/10 (2006.01) B21D 53/92 (2006.01) B23P 15/00 (2006.01) B64D 37/02 (2006.01) F16B 5/01 (2006.01) F16B 13/00 (2006.01) F16L 5/00 (2006.01)**

[25] EN  
[54] **BUSHINGS, APPARATUSES INCLUDING BUSHINGS, AND ASSOCIATED METHODS**

[54] **DOUILLES, APPAREILS COMPORTANT DES DOUILLES ET PROCEDES ASSOCIES**

[72] CALLAHAN, KEVIN S., US  
[72] FISHER, ROBERT EARL, US  
[72] ALVARADO, SANTIAGO, JR., US  
[73] THE BOEING COMPANY, US  
[86] (2831515)  
[87] (2831515)  
[22] 2013-10-29  
[30] US (13/685,524) 2012-11-26

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[11] **2,831,636**  
[13] C

[51] **Int.Cl. A61L 2/07 (2006.01)**

[25] EN  
[54] **METHOD FOR STEAM STERILIZATION OF MEDICAL ARTICLES**

[54] **STERILISATION D'INSTRUMENTS MEDICAUX POUR L'INJECTION ET/OU L'INSTILLATION**

[72] MEIER, ANDREAS, DE  
[72] MIETHING, HOLGER, DE  
[73] KLOSTERFRAU BERLIN GMBH, DE  
[85] 2013-09-27  
[86] 2012-03-21 (PCT/EP2012/001250)  
[87] (WO2012/136313)  
[30] DE (10 2011 016 377.8) 2011-04-07  
[30] DE (10 2011 105 840.4) 2011-06-27

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[11] **2,831,659**  
[13] C

[51] **Int.Cl. G02B 1/04 (2006.01)**

[25] EN  
[54] **COMPOSITION FOR FORMING A CONTACT LENS**

[54] **COMPOSITION DE FORMATION D'UNE LENTILLE DE CONTACT**

[72] SEIFERLING, BERNHARD, DE  
[72] SCHMIDT, THOMAS, DE  
[72] VOGT, JURGEN, CH  
[73] NOVARTIS AG, CH  
[85] 2013-09-27  
[86] 2012-03-29 (PCT/EP2012/055661)  
[87] (WO2012/130956)  
[30] US (61/470,569) 2011-04-01

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[13] C

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[25] EN  
[54] **CORNER LATCHING PLAY YARD**  
[54] **PARC DE JEU A COINS**  
**VERROUILLABLES**  
[72] THORNE, HENRY F., US  
[72] DALEY, ROBERT D., US  
[72] HOPKE, FREDERICK KARL, US  
[72] WIEGMANN, ELIJAH M., US  
[72] BAILEY, JESSICA A., US  
[72] ROSENTHAL, JARED A., US  
[73] THORLEY INDUSTRIES LLC, US  
[85] 2013-09-30  
[86] 2012-03-28 (PCT/US2012/030784)  
[87] (WO2012/135244)  
[30] US (61/468,168) 2011-03-28

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[13] C

[51] **Int.Cl. F04D 29/32 (2006.01) F04D 29/046 (2006.01) F04D 29/06 (2006.01)**  
[25] EN  
[54] **RUNNER WITH INTEGRAL**  
**IMPELLOR PUMP**  
[54] **MOBILE COMPORTANT UNE**  
**POMPE A ROTOR INTEGRE**  
[72] PARMETER, LARRY J., US  
[72] MERRILL, DAN A., US  
[72] RUMBAUGH, MICHAEL A., US  
[72] CRAIG, CHAD A., US  
[73] BAKER HUGHES INCORPORATED,  
US  
[85] 2013-10-04  
[86] 2012-03-26 (PCT/US2012/030571)  
[87] (WO2012/141879)  
[30] US (13/083,762) 2011-04-11

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[13] C

[51] **Int.Cl. H04W 12/08 (2009.01) G06F 21/31 (2013.01) G06F 21/88 (2013.01)**  
[25] EN  
[54] **MOBILE COMMUNICATIONS**  
**DEVICE PROVIDING HEURISTIC**  
**SECURITY AUTHENTICATION**  
**FEATURES AND RELATED**  
**METHODS**  
[54] **APPAREIL DE COMMUNICATION**  
**MOBILE OFFRANT DES**  
**CARACTERISTIQUES**  
**D'AUTHENTIFICATION DE**  
**SECURITE HEURISTIQUE ET**  
**PROCEDES CONNEXES**  
[72] GOLDSMITH, MICHAEL ANDREW,  
CA  
[72] PAPO, ALEKSANDAR, CA  
[72] LOMBARDI, ROBERT JOSEPH, CA  
[72] MULAOSMANOVIC, JASMIN, CA  
[72] ALMALKI, NAZIH, CA  
[72] MCBRIDE, BRIAN EVERETT, CA  
[72] RABINOVITCH, PETER MARK, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2832675)  
[87] (2832675)  
[22] 2013-11-07  
[30] US (61/726,257) 2012-11-14  
[30] US (13/838,587) 2013-03-15

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[11] **2,832,702**  
[13] C

[51] **Int.Cl. B61G 9/20 (2006.01)**  
[25] EN  
[54] **KEY RETAINER FOR RAILWAY**  
**CAR COUPLER**  
[54] **DISPOSITIF DE RETENUE DE**  
**CLAVETTE POUR ATTELAGE DE**  
**WAGON FERROVIAIRE**  
[72] BOMGARDNER, CHARLES T., US  
[72] SOWDEN, IKE S., US  
[72] MONCAYO, ANDRES PAUL  
MONTTOYA, US  
[73] STRATO, INC., US  
[85] 2013-10-08  
[86] 2012-03-27 (PCT/US2012/030688)  
[87] (WO2012/148612)  
[30] US (13/093,464) 2011-04-25

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[13] C

[51] **Int.Cl. E21B 33/124 (2006.01) E21B 43/12 (2006.01)**  
[25] EN  
[54] **TUBULAR ACTUATING SYSTEM**  
**AND METHOD**  
[54] **SYSTEME ET PROCEDE**  
**D'ACTIONNEMENT POUR**  
**TUBULAIRE**  
[72] KING, JAMES G., US  
[73] BAKER HUGHES INCORPORATED,  
US  
[85] 2013-10-16  
[86] 2012-04-19 (PCT/US2012/034243)  
[87] (WO2012/145506)  
[30] US (13/089,646) 2011-04-19

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[13] C

[51] **Int.Cl. A61K 8/04 (2006.01) A61K 8/19 (2006.01) A61K 8/34 (2006.01) A61K 8/41 (2006.01) A61Q 5/12 (2006.01) B65D 83/60 (2006.01)**  
[25] EN  
[54] **COSMETIC COMPOSITION IN A**  
**CONTAINER**  
[54] **COMPOSITION COSMETIQUE**  
**DANS UN RECIPIENT**  
[72] LOECHEL, FLORIAN, DE  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 2013-10-17  
[86] 2012-05-10 (PCT/US2012/037243)  
[87] (WO2012/154918)  
[30] EP (11165474.5) 2011-05-10  
[30] EP (12166767.9) 2012-05-04

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[11] **2,833,991**  
[13] C

[51] **Int.Cl. F24H 9/20 (2006.01)**  
[25] EN  
[54] **WATER HEATER VALVES AND**  
**CONTROLLERS AND METHODS**  
**OF MOUNTING THE SAME**  
[54] **SOUPAPES ET REGULATEURS DE**  
**CHAUFFE-EAU ET PROCEDES DE**  
**FIXATION DE CEUX-CI**  
[72] BLESSING, DONALD, US  
[72] BUESCHER, THOMAS, US  
[73] EMERSON ELECTRIC CO., US  
[86] (2833991)  
[87] (2833991)  
[22] 2013-11-22  
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[30] US (14/081,414) 2013-11-15

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[13] C

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[25] EN  
[54] **ADMINISTRATION OF ILOPROST AS AEROSOL BOLUS**  
[54] **ADMINISTRATION D'ILOPROST COMME BOLUS SOUS FORME D'AEROSOL**  
[72] GESSLER, TOBIAS, DE  
[72] SCHMEHL, THOMAS, DE  
[72] SEEGER, WERNER, DE  
[72] VOSWINCKEL, ROBERT, DE  
[73] VECTURA GMBH, DE  
[85] 2013-10-23  
[86] 2012-04-26 (PCT/EP2012/057615)  
[87] (WO2012/146642)  
[30] EP (11163659.3) 2011-04-26

[11] **2,834,093**  
[13] C

- [51] **Int.Cl. F16L 25/03 (2006.01) B64D 45/02 (2006.01) B64D 37/32 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR PREVENTING SPARK PROPAGATION**  
[54] **APPAREIL DE PROTECTION CONTRE LA PROPAGATION D'ETINCELLE**  
[72] RORABAUGH, MICHAEL E., US  
[72] IRWIN, JAMES P., US  
[72] JOHNSON, BENJAMIN A., US  
[72] DOWELL, ERIK W., US  
[73] THE BOEING COMPANY, US  
[85] 2013-10-22  
[86] 2012-05-23 (PCT/US2012/039182)  
[87] (WO2012/177352)  
[30] US (13/167,809) 2011-06-24

[11] **2,834,150**  
[13] C

- [51] **Int.Cl. E05F 3/20 (2006.01) E05F 3/10 (2006.01) E05F 3/12 (2006.01)**  
[25] EN  
[54] **HINGE**  
[54] **CHARNIERE**  
[72] MIGLIORANZO, IVANO, IT  
[73] OL.MI S.R.L., IT  
[85] 2013-10-23  
[86] 2012-03-02 (PCT/IB2012/051006)  
[87] (WO2012/150507)  
[30] IB (PCT/IB2011/051967) 2011-05-04

[11] **2,834,517**  
[13] C

- [51] **Int.Cl. A61B 17/10 (2006.01) A61B 17/128 (2006.01) A61B 17/29 (2006.01)**  
[25] EN  
[54] **ACTUATOR AND DETACHABLE CONNECTOR OF FLEXIBLE CLIP APPLIER**  
[54] **ACTIONNEUR ET RACCORD AMOVIBLE D'APPLICATEUR A PINCE SOUPLE**  
[72] BOULNOIS, JEAN-LUC, US  
[72] SATO, MASAYASU, JP  
[72] KAWANO, TOMOHIRO, JP  
[73] MICROLINE SURGICAL, INC., US  
[86] (2834517)  
[87] (2834517)  
[22] 2010-01-25  
[62] 2,690,950  
[30] US (12/359,821) 2009-01-26

[11] **2,834,795**  
[13] C

- [51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/06 (2006.01) E21B 33/038 (2006.01)**  
[25] EN  
[54] **BOREHOLE SEAL, BACKUP AND METHOD**  
[54] **JOINT DE TROU DE FORAGE, SOUTIEN ET PROCEDE**  
[72] FARRAR, AMY L., US  
[72] WOOD, EDWARD T., US  
[72] BADKE, GREGORY C., US  
[72] CASTILLO, ROBERT O., US  
[72] FOSTER, ANTHONY P., US  
[73] BAKER HUGHES INCORPORATED, US  
[85] 2013-10-30  
[86] 2012-05-18 (PCT/US2012/038625)  
[87] (WO2012/162159)  
[30] US (13/114,519) 2011-05-24

[11] **2,836,580**  
[13] C

- [51] **Int.Cl. F21S 8/12 (2006.01) B60Q 1/04 (2006.01) B60Q 1/16 (2006.01) F21V 7/00 (2006.01) F21V 7/04 (2006.01) F21V 13/04 (2006.01)**  
[25] EN  
[54] **LED REFLECTOR OPTIC FOR AN AUTOMOTIVE HEADLIGHT**  
[54] **OPTIQUE DE REFLECTEUR A DIODE ELECTROLUMINESCENTE DESTINEE A UN PHARE AUTOMOBILE**  
[72] PECK, JOHN PATRICK, US  
[72] THOMAS, CECIL D., US  
[72] NATIVIDAD, FRANCISCO J., US  
[73] DIALIGHT CORPORATION, US  
[85] 2013-11-18  
[86] 2012-05-16 (PCT/US2012/038171)  
[87] (WO2012/158814)  
[30] US (13/111,030) 2011-05-19

[11] **2,836,582**  
[13] C

- [51] **Int.Cl. E21B 33/12 (2006.01) C09K 8/50 (2006.01) E21B 43/04 (2006.01)**  
[25] EN  
[54] **WELLBORE FLUID USED WITH SWELLABLE ELEMENTS**  
[54] **FLUIDE DE Puits DE FORAGE UTILISE AVEC DES ELEMENTS GONFLABLES**  
[72] LUYSTER, MARK, US  
[72] OFFENBACHER, MATTHEW, US  
[73] M-I L.L.C., US  
[85] 2013-11-18  
[86] 2012-05-18 (PCT/US2012/038494)  
[87] (WO2012/162117)  
[30] US (61/488,425) 2011-05-20  
[30] US (61/589,571) 2012-01-23

[11] **2,836,588**  
[13] C

- [51] **Int.Cl. H04B 1/40 (2015.01) H04W 52/02 (2009.01) H04B 5/00 (2006.01)**  
[25] EN  
[54] **A DUAL MODE WIRELESS COMMUNICATIONS DEVICE**  
[54] **DISPOSITIF DE COMMUNICATION SANS FIL BI-MODE**  
[72] MAGUIRE, YAEL G., US  
[73] FACEBOOK, INC., US  
[85] 2013-11-18  
[86] 2012-05-30 (PCT/US2012/039951)  
[87] (WO2012/166774)  
[30] US (13/118,693) 2011-05-31  
[30] US (13/118,700) 2011-05-31

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[13] C

[51] **Int.Cl. C12N 9/22 (2006.01)**  
[25] EN  
[54] **DSRNA ENDORIBONUCLEASES**  
[54] **ENDORIBONUCLEASES A ARN**  
**DOUBLE BRIN**  
[72] BUJNICKI, JANUSZ MAREK, PL  
[72] SKOWRONEK, KRZYSZTOF JERZY,  
PL  
[72] PIANKA, DARIUSZ, PL  
[72] SULEJ, AGATA AGNIESZKA, PL  
[73] MIEDZYNARODOWY INSTYTUT  
BIOLOGII MOLEKULARNEJ I  
KOMORKOWEJ, PL  
[85] 2013-11-22  
[86] 2012-06-07 (PCT/PL2012/050020)  
[87] (WO2012/169917)  
[30] PL (P.395178) 2011-06-08  
[30] US (61/494,574) 2011-06-08

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[11] **2,837,844**  
[13] C

[51] **Int.Cl. B01J 23/10 (2006.01) B01D**  
**53/86 (2006.01)**  
[25] EN  
[54] **COMPLEX OXIDE, METHOD FOR**  
**PRODUCING SAME, AND**  
**EXHAUST GAS PURIFICATION**  
**CATALYST**  
[54] **OXYDE COMPLEXE, SON**  
**PROCEDE DE PRODUCTION ET**  
**CATALYSEUR DE PURIFICATION**  
**DES GAZ D'ECHAPPEMENT**  
[72] OHTAKE, NAOTAKA, JP  
[72] MITSUOKA, KEIICHIRO, JP  
[72] YOKOTA, KAZUHIKO, CN  
[73] RHODIA OPERATIONS, FR  
[85] 2013-11-29  
[86] 2012-05-28 (PCT/JP2012/063587)  
[87] (WO2012/165363)  
[30] JP (2011-123011) 2011-06-01

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[13] C

[51] **Int.Cl. A61F 2/14 (2006.01)**  
[25] EN  
[54] **SCLERAL PROSTHESIS FOR**  
**TREATING PRESBYOPIA AND**  
**OTHER EYE DISORDERS AND**  
**RELATED DEVICES AND**  
**METHODS**  
[54] **PROTHESE SCLERALE POUR**  
**TRAITER LA PRESBYTIE ET**  
**D'AUTRES TROUBLES**  
**OCULAIRES ET DES DISPOSITIFS**  
**ET PROCEDES**  
**CORRESPONDANTS**  
[72] GRIFFIS, JACK C., III, US  
[73] REFOCUS GROUP, INC., US  
[86] (2838409)  
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[54] **MULTIPLE COIL STAPLE AND**  
**STAPLE APPLIER**  
[54] **AGRAFES MULTIPLES BOBINEES**  
**ET APPLICATEUR D'AGRAFES**  
[72] VIOLA, FRANK J., US  
[72] GRESHAM, RICHARD D., US  
[72] BLIER, KENNETH, US  
[72] MERTEN, PAUL, US  
[72] SAPIENTE, JOSEPH, US  
[72] HOLSTEN, HENRY, US  
[72] HEINRICH, RUSSELL, US  
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[72] MONDIN, MYRIAM, BE  
[72] HOUBEN, MARIE CHRISTINE, BE  
[72] LAMBERT, PIERRE, BE  
[73] COLGATE-PALMOLIVE COMPANY,  
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[54] **METHOD OF MOUNTING AND**  
**REGISTERING A PRINTING**  
**PLATE ON A PLATE CYLINDER**  
**OF A MULTICOLOUR OFFSET**  
**PRINTING PRESS**  
[54] **PROCEDE DE MONTAGE ET**  
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**CYLINDRE PORTE-PLAQUE**  
**D'UNE PRESSE D'IMPRESSON**  
**OFFSET MULTICOLORE**  
[72] HANS, MICHAEL, CH  
[72] KRESS, PATRICK, DE  
[72] SCHWITZKY, VOLKMAR ROLF, DE  
[73] KOENIG & BAUER  
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[54] **MODULAR STORAGE SERVER ARCHITECTURE WITH DYNAMIC DATA MANAGEMENT**

[54] **ARCHITECTURE DE SERVEUR DE STOCKAGE MODULAIRE A GESTION DE DONNEES DYNAMIQUE**

[72] TAYLOR, CLEMENT G., US

[72] CHIN, DANNY, US

[72] LERMAN, JESSE S., US

[72] GOODE, CHRISTOPHER W. B., US

[73] COMCAST IP HOLDINGS I, LLC, A DELAWARE LIMITED LIABILITY COMPANY, US

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[54] **SQUEEGEE ASSEMBLY FOR A FLOOR CLEANING MACHINE**

[54] **ENSEMBLE RACLETTE POUR UNE MACHINE DE NETTOYAGE DE SOL**

[72] OBERHAENSLI, FRANZ, CH

[72] MAYER, HEINRICH-TITO, CH

[73] DIVERSEY, INC., US

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[54] **OPTICAL CONNECTOR APPARATUS**

[54] **DISPOSITIF DE CONNECTEUR OPTIQUE**

[72] SHIMAZU, HIDETO, JP

[72] HASHIGUCHI, OSAMU, JP

[72] TANAKA, YUKITAKA, JP

[72] FUKAYAMA, KENZO, JP

[72] IZAKI, MASAHIRO, JP

[73] JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED, JP

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[54] **PORTABLE DRIP CONTAINMENT DEVICE APPARATUS AND METHOD**

[54] **DISPOSITIF PORTATIF RAMASSE-GOUTTES ET PROCEDE**

[72] MATSON, MARK, US

[73] MATSON, INC., D/B/A ACF TARP AND AWNING, US

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[54] **REUSABLE COFFEE FILTER**

[54] **FILTRE A CAFE REUTILISABLE**

[72] HERTAUS, ALAN, US

[73] LIPPER INTERNATIONAL, INC., US

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[54] **COMPOSITION FOR EMBRYO CULTURE**

[54] **COMPOSITION POUR LA CULTURE D'EMBRYONS**

[72] YAO, TATSUMA, JP

[72] ASAYAMA, YUTA, JP

[72] MATSUHISA, AKIO, JP

[73] FUSO PHARMACEUTICAL INDUSTRIES, LTD., JP

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[54] **LANCES FOR TOP SUBMERGED INJECTION**

[54] **LANCES PERMETTANT UNE INJECTION SUBMERGEE PAR LE HAUT**

[72] MATUREWICZ, ROBERT, AU

[72] REUTER, MARKUS, FI

[73] AUTOTEC OYJ, FI

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[54] **TRAILER JACK PLUNGER PIN RELEASE LEVER SYSTEM**

[54] **SYSTEME DE LEVIER DE LIBERATION DE TIGE DE PLONGEUR DE VERIN DE REMORQUE**

[72] YOUNG, OTIS, US

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[86] (2844153)

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[54] **EXTRACORPOREAL FLUID CIRCUIT**

[54] **CIRCUIT FLUIDIQUE EXTRACORPOREL**

[72] FOLDEN, THOMAS IRVIN, US

[72] CRNKOVICH, MARTIN JOSEPH, US

[72] SCHLAEPER, CHRISTIAN, US

[72] JENSEN, LYNN, US

[72] REIHANIFAM, MOHSEN, US

[73] FRESENIUS MEDICAL CARE HOLDINGS, INC., US

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[54] **HALL EFFECT GRAIN LEVEL SWITCH**

[54] **COMMUTATEUR DE NIVEAU DE GRAIN A EFFET HALL**

[72] MULLEN, BRANDON STEPHEN, US

[72] BLOEMENDAAL, BRENT J., US

[73] CTB, INC., US

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[54] **INTEGRATED MULTI-FUNCTION WINDOW**

[54] **FENETRE INTEGREE MULTIFONCTIONNELLE**

[72] LU, XIANFENG, CN

[72] SANG, JIANHUA, CN

[73] NINGBO XIANFENG NEW MATERIAL CO., LTD, CN

[85] 2014-02-19

[86] 2012-08-23 (PCT/CN2012/080497)

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[54] **FORMING PRESS**

[54] **PRESSE DE FACONNAGE A CHAUD**

[72] WOOD, CHRIS, CA

[73] MARWOOD METAL FABRICATION LIMITED, CA

[85] 2014-02-21

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[54] **SOYBEAN CULTIVAR GO1110272**

[54] **CULTIVAR DE SOJA GO1110272**

[72] GELIN, JEAN ROBERT, US

[73] SYNGENTA PARTICIPATIONS AG, CH

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[25] FR

[54] **REMOVEABLE STEP FOR AIRCRAFT, AND AIRCRAFT**

[54] **MARCHEPIED AMOVIBLE D'AERONEF, ET AERONEF**

[72] OLIVE, RICHARD, FR

[73] AIRBUS HELICOPTERS, FR

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[25] EN

[54] **ENVIRONMENT-FRIENDLY PAPER BAG RECYCLING STORAGE PLATE**

[54] **PLAQUE DE STOCKAGE DE RECYCLAGE DE SAC EN PAPIER ECORESPONSABLE**

[72] WU, JUNLIANG, CN

[73] SHANGHAI WORTH GARDEN PRODUCTS CO., LTD., CN

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[54] **FIRE STARTING TORCH**

[54] **TORCHE D'ALLUMAGE**

[72] BOCIAN, ANDRZEJ M, CA

[73] BOCIAN, ANDRZEJ M, CA

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[54] **METHODS AND SYSTEMS FOR OLEFIN PRODUCTION**

[54] **PROCEDES ET SYSTEMES POUR LA PRODUCTION D'OLEFINES**

[72] WERBA, GREG, US

[72] LANKTON, STEVEN, US

[72] KOZUP, STEVEN, US

[72] DA SILVA FERREIRA ALVES, JOAO JORGE, US

[72] LUEBKE, CHARLES P., US

[72] LIU, KIRK, US

[73] UOP LLC, US

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[54] **COMPOSITIONS COMPRISING SALBUTAMOL SULPHATE**

[54] **COMPOSITIONS CONTENANT DU SULFATE DE SALBUTAMOL**

[72] CORR, STUART, GB

[72] NOAKES, TIMOTHY JAMES, GB

[73] MEXICHEM AMANCO HOLDING S.A. DE C.V., MX

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[54] **NAVIGATING APPLICATIONS USING SIDE-MOUNTED TOUCHPAD**

[54] **APPLICATIONS DE NAVIGATION A L'AIDE D'UN PAVE TACTILE LATERAL**

[72] PAKIPOS, MATTHEW NICHOLAS, US

[72] CAHILL, MATTHEW, US

[73] FACEBOOK, INC., US

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[54] **SILICONE-BASED COMPOSITION FOR SKIN TREATMENT**

[54] **COMPOSITION A BASE DE SILICONE POUR LE TRAITEMENT DE LA PEAU**

[72] RAY, JAY RICHARD, II, US

[72] HODGE, CHARLES D., US

[73] CMPD LICENSING, LLC, US

[85] 2014-05-26

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[54] **ROTATOR BRAKING SYSTEM FOR A LIFT TRUCK LOAD HANDLER**

[54] **SYSTEME DE FREINAGE DE DISPOSITIF DE ROTATION POUR UN DISPOSITIF DE MANIPULATION DE CHARGES DE CHARIOT ELEVATEUR**

[72] WALTHERS, CHRISTOPHER M., US

[72] FLAK, ROBERT J., US

[73] CASCADE CORPORATION, US

[85] 2014-06-04

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[54] **REAR FOLDING TOOLBAR IMPLEMENT**

[54] **ACCESSOIRE D'ENGIN PLIABLE VERS L'ARRIERE**

[72] FRIGGSTAD, TERRANCE A., CA

[73] BOURGALT INDUSTRIES LTD., CA

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[54] **FLUIDIZED BED REACTOR AND PROCESS FOR PRODUCING OLEFINS FROM OXYGENATES**  
[54] **REACTEUR A LIT FLUIDISE ET PROCEDE POUR LA CONVERSION D'OXYGENATES EN OLEFINES**  
[72] WEI, FEI, CN  
[72] WEI, XIAOBO, CN  
[72] WANG, YAO, CN  
[72] ZHU, CHANG, CN  
[73] FUDE (BEIJING) CHEMICAL & INDUSTRY CO., LTD, CN  
[73] TSINGHUA UNIVERSITY, CN  
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[54] **RAILWAY VEHICLE DAMPING DEVICE**  
[54] **DISPOSITIF DE SUPPRESSION DES VIBRATIONS DANS UN VEHICULE FERROVIAIRE**  
[72] OGAWA, TAKAYUKI, JP  
[73] KYB CORPORATION, JP  
[85] 2014-07-17  
[86] 2013-03-13 (PCT/JP2013/056944)  
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[54] **STEREOSCOPIC IMAGE APPARATUS**  
[54] **DISPOSITIF D'IMAGE STEREOSCOPIQUE**  
[72] LEE, CHUL WOO, KR  
[72] CHO, SUNG HO, KR  
[72] LIM, BYUNG GUL, KR  
[73] MASTERIMAGE 3D ASIA, LLC., FR  
[85] 2014-09-03  
[86] 2014-03-26 (PCT/KR2014/002563)  
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[54] **REFROIDISSEUR RGE A TUBES HELICOIDAUX**  
[72] NEAL, KENNIETH, US  
[72] WILDERSON, ERIC, US  
[72] NEAL, EUGENE, US  
[73] NEAL, KENNIETH, US  
[73] NEAL, EUGENE, US  
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[86] 2013-04-18 (PCT/US2013/037230)  
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[30] US (61/635,007) 2012-04-18  
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[13] C

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[25] EN  
[54] **METHOD OF DRILLING WITH A STRING SEALED IN A RISER AND INJECTING FLUID INTO A RETURN LINE**  
[54] **PROCEDE DE FORAGE AVEC UNE CHAINE SCELLEE DANS UNE COLONNE MONTANTE ET INJECTION DE FLUIDE DANS UNE CONDUITE DE RETOUR**  
[72] ORBELL, CHARLES R., US  
[72] LEUCHTENBERG, CHRISTIAN, ID  
[72] GODFREY, CRAIG W., US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
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[13] C

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[54] **CHANNEL STATE INFORMATION (CSI) FEEDBACK AND CODEBOOK SUBSAMPLING**  
[54] **RETROACTION D'INFORMATIONS D'ETAT DE CANAL (CSI) ET SOUS-ECHANTILLONNAGE DE DICTIONNAIRE DE CODES**  
[72] YUE, GUOSEN, US  
[72] PRASAD, NARAYAN, US  
[72] RANGARAJAN, SAMPATH, US  
[73] NEC CORPORATION, JP  
[85] 2014-11-18  
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[25] EN  
[54] **ENHANCED TECHNIQUES FOR DEWATERING THICK FINE TAILINGS WITH FLOCCULANT DOSING ON CLAY BASIS**  
[54] **TECHNIQUES AMELIOREES D'ASSECHEMENT DE RESIDUS FINS ET EPAIS AVEC ETABLISSEMENT DE DOSE DE FLOCCULANT SUR UNE BASE D'ARGILE**  
[72] REVINGTON, ADRIAN PETER, CA  
[72] SANCHEZ, ANA CRISTINA, CA  
[72] BUGG, TREVOR, CA  
[72] OMOTOSO, OLADIPO, CA  
[73] SUNCOR ENERGY INC., CA  
[86] (2874099)  
[87] (2874099)  
[22] 2013-06-21  
[62] 2,820,324  
[30] US (61/662,726) 2012-06-21

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5 janvier 2016**

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[11] **2,874,982**  
[13] C

[51] **Int.Cl. E21B 21/06 (2006.01)**  
[25] EN  
[54] **SYSTEM FOR CONTAINMENT, MEASUREMENT, AND REUSE OF FLUIDS IN HYDRAULIC FRACTURING**

[54] **SYSTEME DE CONFINEMENT, MESURE ET REUTILISATION DES FLUIDES EN FRACTURATION HYDRAULIQUE**

[72] VICKERS, PAUL, CA  
[73] P.V. FLOOD CONTROL CORP., CA  
[85] 2014-11-26  
[86] 2013-05-29 (PCT/US2013/043170)  
[87] (WO2013/181284)  
[30] US (61/652,727) 2012-05-29

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[11] **2,877,254**  
[13] C

[51] **Int.Cl. E06B 9/42 (2006.01) E06B 9/34 (2006.01)**  
[25] EN  
[54] **ROLLER BLIND FOR A WINDOW THAT AFFORDS POSITIONING OF A SCREEN AT A STABLE HEIGHT BY MEANS OF A FRICTIONAL INTERFACE**

[54] **STORE ENROULEUR POUR FENETRE PERMETTANT LE POSITIONNEMENT D'UNE MOUSTIQUAIRE A UNE HAUTEUR STABLE AU MOYEN D'UNE INTERFACE DE FRICTION**

[72] MCGOWAN, LES, CA  
[73] MCGOWAN, LES, CA  
[86] (2877254)  
[87] (2877254)  
[22] 2015-01-09

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[11] **2,878,834**  
[13] C

[25] EN  
[54] **MEMBRANE ELECTRODE ASSEMBLY**

[54] **ENSEMBLE ELECTRODE A MEMBRANE**

[72] ONO, KEI, JP  
[72] TERASAKI, TAKAYUKI, JP  
[72] YAMAMOTO, MASAYA, JP  
[72] TOYOSHIMA, KENICHI, JP  
[72] HORIBE, NORIFUMI, JP  
[73] NISSAN MOTOR CO., LTD., JP  
[85] 2015-01-09  
[86] 2013-06-24 (PCT/JP2013/067276)  
[87] (WO2014/010399)  
[30] JP (2012-154961) 2012-07-10

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[11] **2,879,128**  
[13] C

[51] **Int.Cl. H04B 1/40 (2015.01) H04W 8/22 (2009.01)**  
[25] EN  
[54] **ADJUSTING MOBILE DEVICE STATE BASED ON USER INTENTIONS AND/OR IDENTITY**

[54] **AJUSTEMENT D'ETAT DE DISPOSITIF MOBILE SUR LA BASE D'INTENTIONS ET/OU D'IDENTITE D'UTILISATEUR**

[72] SCHILLINGS, BENOIT M., US  
[72] GARCIA, DAVID HARRY, US  
[73] FACEBOOK, INC., US  
[85] 2015-01-12  
[86] 2013-07-15 (PCT/US2013/050446)  
[87] (WO2014/014800)  
[30] US (13/554,838) 2012-07-20

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[11] **2,879,157**  
[13] C

[51] **Int.Cl. H04L 12/16 (2006.01) G06F 19/00 (2011.01) H04L 12/58 (2006.01) G06Q 30/02 (2012.01)**  
[25] EN  
[54] **DISCOVERING AND RANKING TRENDING LINKS ABOUT TOPICS**

[54] **DECOUVERTE ET CLASSEMENT DE LIENS DE TENDANCE CONCERNANT DES SUJETS**

[72] SPIVACK, NOVA, US  
[72] TER HEIDE, DOMINIEK, NL  
[73] BOTTLENOSE, INC., US  
[85] 2015-01-14  
[86] 2013-07-31 (PCT/US2013/052981)  
[87] (WO2014/022538)  
[30] US (61/678,057) 2012-07-31  
[30] US (61/678,565) 2012-08-01  
[30] US (61/723,280) 2012-11-06

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[11] **2,879,483**  
[13] C

[51] **Int.Cl. F22B 35/00 (2006.01)**  
[25] EN  
[54] **BOILER SYSTEM**

[54] **SYSTEME DE CHAUDIERES**

[72] YAMADA, KAZUYA, JP  
[72] NAMOTO, TETSUJI, JP  
[72] SAIMI, HIDETOMO, JP  
[73] MIURA CO., LTD., JP  
[85] 2015-01-19  
[86] 2013-02-28 (PCT/JP2013/055337)  
[87] (WO2014/128977)  
[30] JP (2013-033262) 2013-02-22

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[11] **2,880,970**  
[13] C

[51] **Int.Cl. A22B 3/08 (2006.01)**  
[25] EN  
[54] **POULTRY EUTHANASIA DEVICE**

[54] **DISPOSITIF D'EUTHANASIE DES VOLAILLES**

[72] MOYLE, RYAN, US  
[73] MOYLE, RYAN, US  
[86] (2880970)  
[87] (2880970)  
[22] 2015-02-03  
[30] US (61/935,228) 2014-02-03

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[11] **2,881,570**  
[13] C

[51] **Int.Cl. A61M 16/04 (2006.01)**  
[25] EN  
[54] **ENDOTRACHEAL CUFF AND TECHNIQUE FOR USING THE SAME**

[54] **BALLONNET ENDOTRACHEAL ET TECHNIQUE D'UTILISATION DU BALLONNET**

[72] NELSON, DONALD S., US  
[72] MEHTA, DHAIRYA, US  
[73] COVIDIEN LP, US  
[86] (2881570)  
[87] (2881570)  
[22] 2007-06-01  
[62] 2,654,938  
[30] US (11/472,733) 2006-06-22

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[11] **2,881,734**  
[13] C

[51] **Int.Cl. H04L 29/02 (2006.01) H04L 12/26 (2006.01)**  
[25] EN  
[54] **EXTERNAL INJECTION OF CLOUD BASED NETWORK FUNCTIONS INTO NETWORK SERVICES**

[54] **INJECTION EXTERNE DE FONCTIONNALITES RESEAU INFONUAGIQUES DANS LES SERVICES RESEAU**

[72] SELLA, WILLIAM THOMAS, US  
[73] LEVEL 3 COMMUNICATIONS, LLC, US  
[86] (2881734)  
[87] (2881734)  
[22] 2015-02-12  
[30] US (14/178,389) 2014-02-12

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January 5, 2016**

[11] **2,882,108**  
[13] C

[51] **Int.Cl. C12M 3/00 (2006.01) C12M 1/00 (2006.01) C12M 1/12 (2006.01) C12M 1/24 (2006.01)**

[25] EN

[54] **THREE DIMENSIONAL DEVICES FOR SUPPORTING MONOLAYER CELL GROWTH AND METHODS OF CULTURING CELLS THEREWITH**

[54] **DISPOSITIFS TRIDIMENSIONNELS SERVANT A SOUTENIR LA CROISSANCE CELLULAIRE MONOCOUCHE ET METHODES DE CULTURE DE CELLULES DANS LESDITS DISPOSITIFS**

[72] KASUTO, HAREL, IL  
[72] ABRAHAM, EYTAN, IL  
[72] ABERMAN, ZAMI, IL  
[73] PLURISTEM LTD., IL  
[85] 2015-02-13  
[86] 2013-08-31 (PCT/IB2013/058184)  
[87] (WO2014/037862)  
[30] US (61/697,445) 2012-09-06

[11] **2,883,974**  
[13] C

[51] **Int.Cl. H04L 12/16 (2006.01) G06F 19/00 (2011.01) H04L 12/58 (2006.01)**

[25] EN

[54] **DISCOVERING AND RANKING TRENDING LINKS ABOUT TOPICS**

[54] **DECOUVERTE ET CLASSEMENT DE LIENS DE TENDANCE CONCERNANT DES SUJETS**

[72] SPIVACK, NOVA, US  
[72] TER HEIDE, DOMINIEK, NL  
[73] BOTTLENOSE, INC., US  
[86] (2883974)  
[87] (2883974)  
[22] 2013-07-31  
[62] 2,879,157  
[30] US (61/678,057) 2012-07-31  
[30] US (61/678,565) 2012-08-01  
[30] US (61/723,280) 2012-11-06

[11] **2,885,621**  
[13] C

[51] **Int.Cl. A61K 9/127 (2006.01) A61K 47/24 (2006.01) A61K 47/28 (2006.01) A61K 47/36 (2006.01)**

[25] EN

[54] **TRANSPULMONARY LIPOSOME FOR CONTROLLING DRUG ARRIVAL**

[54] **LIPOSOME TRANSPULMONAIRE POUR CONTROLER L'ARRIVEE D'UN MEDICAMENT**

[72] TAKEUCHI, HIROFUMI, JP  
[72] NAKANO, KOJI, JP  
[72] TOYOBUKU, HIDEKAZU, JP  
[73] TAKEUCHI, HIROFUMI, JP  
[73] OTSUKA PHARMACEUTICAL CO., LTD., JP  
[86] (2885621)  
[87] (2885621)  
[22] 2008-03-28  
[62] 2,682,376  
[30] JP (2007-090874) 2007-03-30

[11] **2,887,025**  
[13] C

[51] **Int.Cl. C07F 9/24 (2006.01) A61K 33/42 (2006.01) A61P 35/00 (2006.01) C07H 19/073 (2006.01)**

[25] EN

[54] **2,3'-ANHYDRO-2'-DEOXY-5-FLUOROURIDINE DERIVATIVES WITH CYTOTOXIC ACTIVITY, A MANUFACTURING PROCESS AND APPLICATION**

[54] **DERIVES DE 2,3'-ANHYDRO-2'-DESOXY-5-FLUOROURIDINE A ACTIVITE CYTOTOXIQUE, PROCEDE DE FABRICATION ET APPLICATION**

[72] CELEWICZ, LECH, PL  
[72] KACPRZAK, KAROL, PL  
[72] LEWANDOWSKA, MARTA, PL  
[72] RUSZKOWSKI, PIOTR, PL  
[73] ADAM MICKIEWICZ UNIVERSITY, PL  
[85] 2015-02-19  
[86] 2014-08-22 (PCT/PL2014/050050)  
[87] (WO2015/050468)  
[30] PL (P.408981) 2014-07-24

[11] **2,887,039**  
[13] C

[51] **Int.Cl. C07H 19/073 (2006.01) A61K 31/7072 (2006.01) A61P 31/00 (2006.01)**

[25] EN

[54] **2',3'-DIDEOXY-5-FLUOROURIDINE DERIVATIVES, A PROCESS FOR THE MANUFACTURE THEREOF AND APPLICATION THEREOF**

[54] **DERIVES DE 2',3'-DIDEOXY-5-FLUOROURIDINE, UN PROCEDE DE FABRICATION DE CEUX-CI ET LEUR APPLICATION**

[72] CELEWICZ, LECH, PL  
[72] KACPRZAK, KAROL, PL  
[72] BARANIAK, DAGMARA, PL  
[72] LEWANDOWSKA, MARTA, PL  
[72] RUSZKOWSKI, PIOTR, PL  
[73] ADAM MICKIEWICZ UNIVERSITY, PL  
[85] 2015-01-09  
[86] 2014-03-04 (PCT/PL2014/050009)  
[87] (WO2015/050467)  
[30] PL (P.407152) 2014-02-12

[11] **2,887,149**  
[13] C

[51] **Int.Cl. D21C 1/02 (2006.01) C07H 1/06 (2006.01) C07H 1/08 (2006.01) D21C 3/04 (2006.01)**

[25] EN

[54] **PROCESSES FOR PRODUCING CELLULOSE PULP, SUGARS, AND CO-PRODUCTS FROM LIGNOCELLULOSIC BIOMASS**

[54] **PROCEDES PERMETTANT DE PRODUIRE DE LA PATE CELLULOSIQUE, DES SUCRES ET DES COPRODUITS A PARTIR D'UNE BIOMASSE LIGNOCELLULOSIQUE**

[72] RETSINA, THEODORA, US  
[72] PYLKKANEN, VESA, US  
[72] RUTHERFORD, STEVEN, US  
[73] API INTELLECTUAL PROPERTY HOLDINGS, LLC, US  
[85] 2015-04-02  
[86] 2013-10-03 (PCT/US2013/063208)  
[87] (WO2014/055726)  
[30] US (61/709,960) 2012-10-04  
[30] US (61/781,635) 2013-03-14  
[30] US (61/842,356) 2013-07-02  
[30] US (14/044,784) 2013-10-03  
[30] US (14/044,790) 2013-10-03

**Brevets canadiens délivrés  
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[11] **2,889,046**

[13] C

[51] **Int.Cl. C22B 59/00 (2006.01) B01J  
20/22 (2006.01) C22B 3/24 (2006.01)  
C22B 23/00 (2006.01)**

[25] EN

[54] **METHOD FOR RECOVERING  
SCANDIUM**

[54] **PROCEDE DE COLLECTE DE  
SCANDIUM**

[72] TAKANO, MASATOSHI, JP

[72] OZAKI, YOSHITOMO, JP

[72] ASANO, SATOSHI, JP

[72] GOTO, MASAHIRO, JP

[72] KUBOTA, FUKIKO, JP

[72] BABA, YUZO, JP

[73] SUMITOMO METAL MINING CO.,  
LTD., JP

[73] KYUSHU UNIVERSITY, NATIONAL  
UNIVERSITY CORPORATION, JP

[85] 2015-04-22

[86] 2014-04-08 (PCT/JP2014/060149)

[87] (WO2015/025558)

[30] JP (2013-172261) 2013-08-22

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[11] **2,890,146**

[13] C

[51] **Int.Cl. A01K 1/015 (2006.01) A01K  
29/00 (2006.01) B01J 20/22 (2006.01)**

[25] EN

[54] **AMMONIA REDUCING AGENT  
FOR ANIMAL BEDDINGS AND  
LITTERS**

[54] **AGENT DE REDUCTION  
D'AMMONIAC POUR PAILLAGES  
ET LITIERES D'ANIMAUX**

[72] AYLEN, PETER, CA

[72] GURNEY, STEVE, CA

[72] BYLYCIA, JENNIFER, CA

[73] ABSORBENT PRODUCTS LTD., CA

[85] 2015-05-01

[86] 2013-11-01 (PCT/CA2013/050833)

[87] (WO2014/067012)

[30] US (61/722,469) 2012-11-05

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[11] **2,889,451**

[13] C

[51] **Int.Cl. F17B 1/26 (2006.01)**

[25] EN

[54] **GASHOLDER SEALING MEMBER  
AND GASHOLDER SEALING  
STRUCTURE**

[54] **MATERIAU D'ETANCHEITE DE  
GAZOMETRE ET STRUCTURE  
D'ETANCHEITE DE GAZOMETRE**

[72] SHIBAYAMA, SATOSHI, JP

[73] THE YOKOHAMA RUBBER CO.,  
LTD., JP

[85] 2015-04-24

[86] 2013-10-23 (PCT/JP2013/078662)

[87] (WO2014/069294)

[30] JP (2012-242397) 2012-11-02

# Canadian Applications Open to Public Inspection

December 20, 2015 to December 26, 2015

## Demandes canadiennes mises à la disponibilité du public

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<p>[21] <b>2,849,223</b> [13] A1</p> <p>[51] <b>Int.Cl. H02H 5/00 (2006.01) F24C 3/12 (2006.01) F24C 5/16 (2006.01) F24C 7/08 (2006.01) G08B 17/10 (2006.01) G08C 17/02 (2006.01) H01H 47/00 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>DALMATIAN - SUB PANEL DISCONNECT</b></p> <p>[54] <b>DALMATIAN - DEBRANCHEMENT DE COFFRET SECONDAIRE</b></p> <p>[72] RANSOM, MICAH WILLIAM, CA [71] VIKING INNOVATIONS LTD., CA [22] 2014-06-25 [41] 2015-12-25</p>	<p>[21] <b>2,853,147</b> [13] A1</p> <p>[51] <b>Int.Cl. A01G 31/02 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>FLOATING NURSERY SYSTEM FOR LOW COST PRODUCTION, MAINTENANCE AND LIVE STORAGE OF FIELD READY TREES AND BRUSH AND TOMATOES</b></p> <p>[54] <b>SYSTEME DE POUPONNIERE FLOTTANTE PERMETTANT LA PRODUCTION, L'ENTRETIEN ET LE STOCKAGE VIVANT PEU COUTEUX D'ARBRES, ARBUSTES ET PLANTS DE TOMATE PRETS A ETRE PLANTES</b></p> <p>[72] SIDLOSKI, RODNEY P., CA [71] SIDLOSKI, RODNEY P., CA [22] 2014-06-25 [41] 2015-12-25</p>	<p>[21] <b>2,854,739</b> [13] A1</p> <p>[51] <b>Int.Cl. E04B 9/24 (2006.01) E04B 9/06 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>DECORATIVE SYSTEM</b></p> <p>[54] <b>SYSTEME DE DECORATION</b></p> <p>[72] FARRELL, JOHN, CA [71] FARRELL, JOHN, CA [22] 2014-06-20 [41] 2015-12-20</p>
<p>[21] <b>2,851,612</b> [13] A1</p> <p>[51] <b>Int.Cl. B60K 11/00 (2006.01)</b></p> <p>[25] FR</p> <p>[54] <b>FLAT OIL CASING FOR T-REX WITH A KAWASAKI 1400CC ENGINE</b></p> <p>[54] <b>CARTER D'HUILE A FOND PLAT POUR T-REX AVEC MOTEUR KAWASAKI 1400CC</b></p> <p>[72] DELAROCHELLIERE, JEAN, CA [71] DELAROCHELLIERE, JEAN, CA [22] 2014-06-20 [41] 2015-12-20</p>	<p>[21] <b>2,854,169</b> [13] A1</p> <p>[51] <b>Int.Cl. G06Q 30/02 (2012.01) G09F 23/10 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>COMPUTER IMPLEMENTED TRANSACTION RECEIPT ADVERTISING WITH SCANNABLE CODES AND REAL TIME ADVERTISEMENT SELECTION</b></p> <p>[54] <b>PUBLICITE A RECU DE TRANSACTION INFORMATISE COMPORTANT DES CODES LISIBLES ET CHOIX DE PUBLICITE EN TEMPS REEL</b></p> <p>[72] FANG, GEOFFRY, CA [71] FANG, GEOFFRY, CA [22] 2014-06-23 [41] 2015-12-23</p>	<p>[21] <b>2,854,748</b> [13] A1</p> <p>[51] <b>Int.Cl. C09K 8/32 (2006.01) C09K 8/64 (2006.01) E21B 33/138 (2006.01) E21B 43/26 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>METHOD OF REDUCING FRICTIONAL LOSSES IN OIL AND GAS WELL DRILLING</b></p> <p>[54] <b>METHODE DE REDUCTION DE PERTES PAR FRICTION DESTINEE AU FORAGE DE PUITES DE PETROLE ET DE GAZ</b></p> <p>[72] MIRZAEI, AMIR A., CA [72] RAD, HIRBOD, CA [71] MIRZAEI, AMIR A., CA [71] RAD, HIRBOD, CA [22] 2014-06-20 [41] 2015-12-20</p>
		<p>[21] <b>2,854,770</b> [13] A1</p> <p>[51] <b>Int.Cl. G06Q 10/10 (2012.01) H04L 12/16 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>SYSTEM FOR GENERATING AND COMPLETING SAFETY EVALUATION FORMS</b></p> <p>[54] <b>SYSTEME DE PRODUCTION ET REMPLISSAGE DE FORMULAIRES D'EVALUATION DE SECURITE</b></p> <p>[72] HEINEMAN, THEOLYNN L., CA [72] AGUILAR, ANGEL L., CA [71] ILIFE WORKPLACE SAFETY &amp; HEALTH LTD., CA [22] 2014-06-20 [41] 2015-12-20</p>

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[21] **2,854,794**  
[13] A1

[51] **Int.Cl. F24H 1/20 (2006.01) F24H 9/18 (2006.01) F28D 1/06 (2006.01)**  
[25] EN  
[54] **HEATING LIQUID IN PORTABLE TANKS**  
[54] **LIQUIDE CHAUFFANT POUR RESERVOIRS PORTATIFS**  
[72] BOURGAULT, CLAUDE, CA  
[72] BLANDIN, GRANT, CA  
[72] BRUMMITT, DALE, CA  
[72] GAMRACY, RICK, CA  
[72] HENDERSON, WILLIAM DAN, CA  
[72] LOEPPKY, STEVE, CA  
[72] NAGY, DUANE, CA  
[71] DRYAIR MANUFACTURING CORP., CA  
[22] 2014-06-20  
[41] 2015-12-20

[21] **2,854,818**  
[13] A1

[51] **Int.Cl. F22B 1/30 (2006.01)**  
[25] EN  
[54] **ELECTRODE WATER HEATER**  
[54] **CHAUFFE-EAU A ELECTRODE**  
[72] MAHONEY, JEFF, CA  
[71] MAHONEY, JEFF, CA  
[22] 2014-06-20  
[41] 2015-12-20

[21] **2,854,894**  
[13] A1

[51] **Int.Cl. B64D 25/06 (2006.01) H02G 1/02 (2006.01)**  
[25] EN  
[54] **PERSONNEL CARRYING DEVICES**  
[54] **DISPOSITIFS DE TRANSPORT PERSONNEL**  
[72] LEMKE, TRENT, CA  
[71] ASCENT AEROSPACE LTD., CA  
[22] 2014-06-23  
[41] 2015-12-23

[21] **2,854,917**  
[13] A1

[51] **Int.Cl. A01K 39/012 (2006.01)**  
[25] EN  
[54] **LANTERN SHAPED BIRD FEEDER**  
[54] **MANGEOIRE A OISEAUX EN FORME DE LANTERNE**  
[72] COTE, PAUL L., CA  
[71] BROME BIRD CARE INC., CA  
[22] 2014-06-20  
[41] 2015-12-20

[21] **2,854,965**  
[13] A1

[51] **Int.Cl. H04L 12/16 (2006.01) G06F 17/30 (2006.01) G06F 19/00 (2011.01)**  
[25] EN  
[54] **DREAM ORIENTED SOCIAL MEDIA WEBSITE**  
[54] **SITE WEB DE MEDIAS SOCIAUX AXE SUR LES REVES**  
[72] FORSTER, KENNETH SCOTT, US  
[72] WHITE, TIMOTHY DON, US  
[71] FORSTER, KENNETH SCOTT, US  
[71] WHITE, TIMOTHY DON, US  
[22] 2014-06-23  
[41] 2015-12-23

[21] **2,855,051**  
[13] A1

[51] **Int.Cl. G10D 3/16 (2006.01)**  
[25] EN  
[54] **PORTABLE GUITAR PICK HOLDER**  
[54] **SUPPORT DE MEDIATOR PORTABLE**  
[72] UNKNOWN, ZZ  
[71] JI, JOHNNY, CA  
[22] 2014-06-25  
[41] 2015-12-25

[21] **2,855,053**  
[13] A1

[51] **Int.Cl. A47G 23/02 (2006.01) A41D 13/08 (2006.01) A41D 19/015 (2006.01) F16M 13/04 (2006.01)**  
[25] EN  
[54] **BEVERAGE HOLDER AND METHOD OF MAKING SAME**  
[54] **SUPPORT POUR BOISSON ET SA METHODE DE FABRICATION**  
[72] GODBOUT, KERRY ANNE, CA  
[71] GODBOUT, KERRY ANNE, CA  
[22] 2014-06-25  
[41] 2015-12-25

[21] **2,855,055**  
[13] A1

[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/042 (2006.01)**  
[25] EN  
[54] **INFORMATION INPUT DEVICE AND INFORMATION INPUT METHOD**  
[54] **DISPOSITIF D'ENTREE D'INFORMATION ET METHODE D'ENTREE D'INFORMATION**  
[72] IZUMI, KENJI, JP  
[71] SHIMANE PREFECTURAL GOVERNMENT, JP  
[22] 2014-06-23  
[41] 2015-12-23

[21] **2,855,057**  
[13] A1

[51] **Int.Cl. C13B 20/06 (2011.01) C13B 20/00 (2011.01) C13B 20/12 (2011.01) A01G 9/18 (2006.01) A23B 7/02 (2006.01) A23B 7/04 (2006.01) C11B 9/02 (2006.01)**  
[25] EN  
[54] **PROCESS AND EQUIPMENT FOR THE PRODUCTION OF NEW SUGAR A LIFE SAVER MATERIAL OF HIGH NOURISHMENT VALUE**  
[54] **PROCEDE ET EQUIPEMENT DE TRANSFORMATION D'UN NOUVEAU SUCRE EN MATERIAU DE SAUVETAGE AYANT UNE VALEUR NUTRITIVE ELEVEE**  
[72] NABI, GHULAM, CA  
[71] NABI, GHULAM, CA  
[22] 2014-06-23  
[41] 2015-12-23

**Canadian Applications Open to Public Inspection  
December 20, 2015 to December 26, 2015**

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[21] **2,855,061**  
[13] A1

[51] **Int.Cl. F16K 17/34 (2006.01) B65D 90/24 (2006.01)**

[25] EN

[54] **EXCESS FLOW BALL TYPE CHECK VALVE FOR PREVENTING LEAKS FROM LIQUID HOLDING TANKS AND THE LIKE**

[54] **CLAPET DE NON-RETOUR DE TYPE A BILLE POUR ECOULEMENT EXCESSIF DESTINE A EMPECHER LES FUITES DES RESERVOIRS DE STOCKAGE DE LIQUIDE ET AUTRES SEMBLABLES**

[72] BOLIVAR, ROGER E., CA  
[71] BOLIVAR, ROGER E., CA  
[22] 2014-06-25  
[41] 2015-12-25

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[21] **2,855,064**  
[13] A1

[51] **Int.Cl. G06F 3/041 (2006.01) G06F 3/0484 (2013.01) G06F 3/0488 (2013.01)**

[25] EN

[54] **TOUCH INPUT SYSTEM AND INPUT CONTROL METHOD**

[54] **DISPOSITIF D'ENTREE TACTILE ET METHODE DE COMMANDE D'ENTREE**

[72] IZUMI, KENJI, JP  
[72] SHINOMURA, YUJI, JP  
[71] SHIMANE PREFECTURAL GOVERNMENT, JP  
[22] 2014-06-25  
[41] 2015-12-25

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[21] **2,855,079**  
[13] A1

[51] **Int.Cl. A47C 17/86 (2006.01) A47C 19/22 (2006.01) A47C 21/04 (2006.01) A47C 29/00 (2006.01)**

[25] EN

[54] **CONVERTIBLE BED FRAME AND CONVERTIBLE COVER**

[54] **CADRE DE LIT CONVERTIBLE ET REVETEMENT DE LIT CONVERTIBLE**

[72] WRIGHT, DAVID, CA  
[71] WRIGHT, DAVID, CA  
[22] 2014-06-25  
[41] 2015-12-25

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[21] **2,855,089**  
[13] A1

[51] **Int.Cl. A41D 13/08 (2006.01) A41D 19/015 (2006.01) A63B 71/14 (2006.01)**

[25] EN

[54] **UNIVERSAL WRIST COVER WITH SHIELDING APPENDAGE**

[54] **COUVRE-POIGNET UNIVERSEL DOTE D'UN APPENDICE PROTECTEUR**

[72] TREMBLAY, ROGER, CA  
[71] TREMBLAY, ROGER, CA  
[22] 2014-06-23  
[41] 2015-12-23

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[21] **2,855,105**  
[13] A1

[51] **Int.Cl. E21B 19/14 (2006.01) E21B 19/15 (2006.01)**

[25] EN

[54] **SCARA ROBOTIC PIPE RACKING SYSTEM**

[54] **SYSTEME DE RANGEMENT DE TUYAU ROBOTIQUE SCARA**

[72] UNKNOWN, ZZ  
[71] MILAN, RAJIC, CA  
[71] VRACAR, JOVAN, CA  
[22] 2014-06-25  
[41] 2015-12-25

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[21] **2,855,109**  
[13] A1

[51] **Int.Cl. E04G 3/30 (2006.01) B24C 1/00 (2006.01) E04G 3/22 (2006.01) E04G 23/02 (2006.01)**

[25] EN

[54] **FRAME MOUNTED HYDRODEMOLITION SYSTEM FOR TREATING LARGE INCLINED WALL SURFACES**

[54] **APPAREIL D'HYDRODEMOLITION SUR CADRE DESTINE AU TRAITEMENT DE SURFACES MURALES INCLINEES IMPORTANTES**

[72] MACNEIL, DAVID, CA  
[72] MACNEIL, GERARD, CA  
[72] MACNEIL, JESSE, CA  
[72] MACNEIL, BRETT, CA  
[72] MACNEIL, GORDON, CA  
[72] BOSE, VERNON, CA  
[71] MAC & MAC HYDRODEMOLITION INC., CA  
[22] 2014-06-23  
[41] 2015-12-23

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[21] **2,855,110**  
[13] A1

[51] **Int.Cl. G06F 21/60 (2013.01) G06F 21/84 (2013.01) G06T 5/00 (2006.01) H04L 12/58 (2006.01) H04W 4/12 (2009.01)**

[25] EN

[54] **SYSTEMS, METHODS AND DEVICES FOR PROVIDING VISUAL PRIVACY TO MESSAGES**

[54] **SYSTEMES, METHODES ET DISPOSITIFS DESTINES A ASSURER L'ACCES PRIVE AUX MESSAGES**

[72] XAVIER, BRANDON OLIVER, CA  
[71] XAVIER, BRANDON OLIVER, CA  
[22] 2014-06-25  
[41] 2015-12-24  
[30] US (14/313,361) 2014-06-24

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[21] **2,855,113**  
[13] A1

[51] **Int.Cl. F16L 55/40 (2006.01)**

[25] EN

[54] **PIPE PIG**

[54] **RACLEUR**

[72] SIVACOE, ORLANDE W., CA  
[71] SIVACOE, ORLANDE W., CA  
[22] 2014-06-25  
[41] 2015-12-25

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[21] **2,855,128**  
[13] A1

[51] **Int.Cl. E21B 17/02 (2006.01)**

[25] EN

[54] **DOWNHOLE COUPLING**

[54] **RACCORD DE FOND DE TROU**

[72] LAUDER, ARTHUR W., CA  
[72] HARRIS, JORDAN, CA  
[71] LAUDER, ARTHUR W., CA  
[22] 2014-06-23  
[41] 2015-12-23

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[21] **2,855,142**  
[13] A1

[51] **Int.Cl. F24F 3/06 (2006.01)**

[25] EN

[54] **CONVECTOR FOR ACCESS FLOOR ENVIRONMENTS**

[54] **CONVENTEUR DONNANT ACCES AUX ENVIRONNEMENTS DE PLANCHER**

[72] DERRICK, VINCE, CA  
[71] DERRICK, VINCE, CA  
[22] 2014-06-25  
[41] 2015-12-25

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[21] **2,855,167**  
[13] A1

[51] **Int.Cl. C01B 33/021 (2006.01) H01B 3/46 (2006.01) H01B 5/00 (2006.01) H01B 7/28 (2006.01)**

[25] EN

[54] **PRODUCING ULTRA PURITY SILICON ALONG WITH ELECTRICITY PRODUCTION BY HIGH CAPACITY SOLAR AND WIND SYSTEMS**

[54] **PRODUCTION DE SILICIUM ULTRAPUR AINSI QUE PRODUCTION D'ELECTRICITE A L'AIDE DE DISPOSITIFS SOLAIRE ET EOLIEN GRANDE CAPACITE**

[72] NABI, GHULAM, CA  
[71] NABI, GHULAM, CA  
[22] 2014-06-23  
[41] 2015-12-23

[21] **2,855,189**  
[13] A1

[51] **Int.Cl. B60R 1/00 (2006.01) B60J 1/20 (2006.01) G02B 3/08 (2006.01)**

[25] EN

[54] **DRIVER VISION FIELD EXTENDER**

[54] **DISPOSITIF AMELIORANT LE CHAMP DE VISION DU CONDUCTEUR**

[72] WEBBER, JAMES, US  
[71] NORTH EAST WINDOWS SOLUTIONS, LLC, US  
[22] 2014-06-26  
[41] 2015-12-26

[21] **2,855,238**  
[13] A1

[51] **Int.Cl. B60R 9/06 (2006.01)**

[25] EN

[54] **AUXILIARY STORAGE SYSTEM**

[54] **SYSTEME DE STOCKAGE AUXILIAIRE**

[72] RHODES, RYAN LORNE, CA  
[71] NASHCO ENTERPRISES LTD., CA  
[22] 2014-06-23  
[41] 2015-12-23

[21] **2,855,257**  
[13] A1

[51] **Int.Cl. F24D 13/00 (2006.01) F24C 7/04 (2006.01) F24C 7/06 (2006.01) H05B 3/00 (2006.01)**

[25] EN

[54] **INFRARED HEATER APPLIANCE, PARTICULARLY SUITABLE FOR USE IN AREAS AT RISK OF EXPLOSION**

[54] **APPAREIL CHAUFFANT A INFRAROUGE, DESTINE NOTAMMENT AUX ZONES EXPOSEES A UN RISQUE D'EXPLOSION**

[72] IOLLI, VITTORIO, IT  
[71] STAR PROGETTI TECNOLOGIE APPLICATE S.P.A., IT  
[22] 2014-06-23  
[41] 2015-12-23

[21] **2,855,326**  
[13] A1

[51] **Int.Cl. F16L 51/00 (2006.01) F16L 51/02 (2006.01)**

[25] EN

[54] **METHOD OF INSTALLING AN EXPANSION COMPENSATOR**

[54] **METHODES D'INSTALLATION DE COMPENSATEUR DE DILATATION**

[72] CONRAD, WAYNE ERNEST, CA  
[71] G.B.D. CORP., BS  
[22] 2014-06-26  
[41] 2015-12-26

[21] **2,855,329**  
[13] A1

[51] **Int.Cl. A61H 3/00 (2006.01) A61H 3/04 (2006.01)**

[25] FR

[54] **SLIPPER FOR WALKER**

[54] **PANTOUFLE POUR MARCHETTE**

[72] OSPINAL, HECTOR, CA  
[71] OSPINAL, HECTOR, CA  
[22] 2014-06-26  
[41] 2015-12-26

[21] **2,855,396**  
[13] A1

[51] **Int.Cl. F16L 47/34 (2006.01) A01G 23/10 (2006.01) F16L 41/06 (2006.01) F16L 41/12 (2006.01) F16L 47/30 (2006.01)**

[25] EN

[54] **TUBING CONNECTOR SYSTEM**

[54] **SYSTEME DE RACCORD DE TUBE**

[72] VACHON, LEANDRE, CA  
[71] LE GROUPE DSD INC., CA  
[22] 2014-06-26  
[41] 2015-12-26

[21] **2,855,403**  
[13] A1

[51] **Int.Cl. A41B 13/10 (2006.01) A41D 13/04 (2006.01) A45F 5/00 (2006.01) A61J 9/06 (2006.01)**

[25] EN

[54] **COMBINED BABY BIB AND SUPPORTING BOTTLE HOLDER**

[54] **COMBINAISON DE BAVETTE ET DE PORTE-BOUEILLE POUR BEBE**

[72] ADLER, DANIEL, US  
[72] ADLER, CLAIRE, US  
[71] ADLER, DANIEL, US  
[71] ADLER, CLAIRE, US  
[22] 2014-06-26  
[41] 2015-12-26

[21] **2,857,811**  
[13] A1

[51] **Int.Cl. F16L 51/00 (2006.01) F16L 51/02 (2006.01)**

[25] EN

[54] **METHOD OF INSTALLING AN EXPANSION COMPENSATOR AND AN EXPANSION COMPENSATOR**

[54] **METHODE D'INSTALLATION D'UN COMPENSATEUR DE DILATATION ET UN COMPENSATEUR DE DILATATION**

[72] CONRAD, WAYNE ERNEST, CA  
[71] G.B.D. CORP., BS  
[22] 2014-07-25  
[41] 2015-12-26  
[30] CA (2,855,326) 2014-06-26

**Canadian Applications Open to Public Inspection  
December 20, 2015 to December 26, 2015**

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[21] **2,857,861**  
[13] A1

[51] **Int.Cl. A01G 31/00 (2006.01) C05F 11/00 (2006.01)**  
[25] EN  
[54] **A CULTIVATION MEDIUM PRESENTING WATER AVAILABILITY COMPARABLE TO THAT OF A PEAT**  
[54] **UN MILIEU DE CULTURE OFFRANT UNE DISPONIBILITE D'EAU COMPARABLE A CELLE D'UNE MOUSSE**  
[72] TOURNAYRE, LAURENT, FR  
[72] BEAUDET, ERIC, FR  
[71] FLORENTAISE, FR  
[22] 2014-07-25  
[41] 2015-12-20  
[30] EP (14 305 960.8) 2014-06-20

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[21] **2,866,880**  
[13] A1

[51] **Int.Cl. A01G 9/02 (2006.01)**  
[25] EN  
[54] **ADJUSTABLE PLANTER DISK DISQUE DE JARDINIERE AJUSTABLE**  
[72] RUSSELL, BRIAN J., US  
[72] THUMA, MICHAEL, US  
[72] VOGLER, MICHAEL R., US  
[71] SUNCAST TECHNOLOGIES, LLC, US  
[22] 2014-10-10  
[41] 2015-12-23  
[30] US (14/311,997) 2014-06-23

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[21] **2,868,600**  
[13] A1

[51] **Int.Cl. B27M 3/00 (2006.01)**  
[25] EN  
[54] **PROCESSES FOR PREPARING TRIM BOARDS**  
[54] **PROCEDES DE PREPARATION DE PLANCHES DE GARNITURE**  
[72] DROUIN, NICHOLAS, CA  
[72] BEAULIEU, PATRICK, CA  
[72] DROUIN, JEAN-FRANCOIS, CA  
[71] PRODUITS MATRA INC., CA  
[22] 2014-10-21  
[41] 2015-12-21  
[30] US (62/015,419) 2014-06-21

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[21] **2,874,623**  
[13] A1

[51] **Int.Cl. F16L 55/132 (2006.01) F16L 55/07 (2006.01) F16L 55/11 (2006.01) F16L 55/136 (2006.01)**  
[25] EN  
[54] **GRIPPER FOR TEST AND ISOLATION PLUGS**  
[54] **DISPOSITIF DE PREHENSION POUR BOUCHONS D'ESSAI OU D'ISOLEMENT**  
[72] KOTLYAR, ALEX, US  
[72] KOBZIAR, DANKO, US  
[72] BERNESKI, JIM, US  
[71] EST GROUP, INC., US  
[22] 2014-12-15  
[41] 2015-12-20  
[30] US (14/310,241) 2014-06-20

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[21] **2,875,377**  
[13] A1

[51] **Int.Cl. B23Q 41/02 (2006.01)**  
[25] EN  
[54] **A PROCESSING SYSTEM AND METHOD FOR A WORK PIECE SURFACE**  
[54] **UN SYSTEME DE TRAITEMENT ET UNE METHODE DESTINEE A UNE SURFACE DE PIECE DE TRAVAIL**  
[72] CHEN, QIYUE, CN  
[71] TAIZHOU FEDERAL ROBOT TECHNOLOGY CO., LTD., CN  
[22] 2014-12-18  
[41] 2015-12-23  
[30] CN (CN201410283672.8) 2014-06-23

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[21] **2,876,610**  
[13] A1

[51] **Int.Cl. A47F 7/00 (2006.01) A47B 63/00 (2006.01) A47B 97/02 (2006.01) A47F 7/14 (2006.01)**  
[25] EN  
[54] **SNAP-IN CARD TOP RISER**  
[54] **RELEVEUR DE CARTE A ENCLenchEMENT**  
[72] CAYCE, CRAIG WILLIAM, US  
[72] WEGSTEIN, BRIAN LEE, US  
[71] HALLMARK CARDS, INCORPORATED, US  
[22] 2015-01-05  
[41] 2015-12-20  
[30] US (14/310,595) 2014-06-20

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[21] **2,876,688**  
[13] A1

[51] **Int.Cl. G09F 3/02 (2006.01) G09F 7/00 (2006.01)**  
[25] EN  
[54] **DISPLAY HOLDER SYSTEM**  
[54] **DISPOSITIF DE SUPPORT D'AFFICHAGE**  
[72] KOTT, MARLA CHARISSE, CA  
[72] MACMILLAN, KRISTIN SARAH, CA  
[72] FELDMAN, ALEXANDER JEFFREY, CA  
[72] ROBERTS, ROBBIE GORDON, CA  
[71] ILLEN PRODUCTS LTD., CA  
[22] 2014-12-24  
[41] 2015-12-20  
[30] US (62/015371) 2014-06-20

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[21] **2,877,055**  
[13] A1

[51] **Int.Cl. E04G 3/30 (2006.01) B02C 19/00 (2006.01) B24C 5/04 (2006.01) E04G 3/20 (2006.01) E04G 23/08 (2006.01)**  
[25] EN  
[54] **FRAME MOUNTED HYDRODEMOLITION SYSTEM FOR TREATING LARGE INCLINED WALL SURFACES**  
[54] **APPAREIL D'HYDRODEMOLITION SUR CADRE DESTINE AU TRAITEMENT DE SURFACES MURALES INCLINEES IMPORTANTES**  
[72] MACNEIL, DAVID, CA  
[72] MACNEIL, GERARD, CA  
[72] MACNEIL, JESSE, CA  
[72] MACNEIL, BRETT, CA  
[72] MACNEIL, GORDON, CA  
[72] BOSE, VERNON, CA  
[71] MAC & MAC HYDRODEMOLITION INC., CA  
[22] 2014-10-09  
[41] 2015-12-23  
[30] CA (2,855,109) 2014-06-23

**Demandes canadiennes mises à la disponibilité du public  
20 décembre 2015 au 26 décembre 2015**

[21] **2,877,700**  
[13] A1

[51] **Int.Cl. F21S 10/04 (2006.01) F21V 19/02 (2006.01) F21V 23/00 (2015.01) H05B 37/02 (2006.01)**

[25] EN

[54] **ELECTRIC CANDLE WITH ILLUMINATING PANEL**

[54] **CHANDELLE ELECTRIQUE DOTE E D'UN PANNEAU LUMINEUX**

[72] LI, XIAOFENG, CN

[71] LI, XIAOFENG, CN

[22] 2015-01-13

[41] 2015-12-24

[30] CN (201420342430) 2014-06-24

[30] US (14/449,865) 2014-08-01

[30] CN (PCT/CN2014/087931) 2014-09-30

[30] US (14/594,318) 2015-01-12

[21] **2,878,299**  
[13] A1

[51] **Int.Cl. C12N 5/077 (2010.01) C12N 1/04 (2006.01) C12N 5/02 (2006.01)**

[25] EN

[54] **METHODS OF UPSCALING MESENCHYMAL STROMAL CELL PRODUCTION, COMPOSITIONS AND KIT THEREOF**

[54] **METHODES D'INTERPOLATION DE PRODUCTION DE CELLULES STROMALES MESENCHYMALES, COMPOSITIONS ET TROUSSE ASSOCIEE**

[72] KOKUNDKAR, UDAYKUMAR, IN

[72] RAJ, SWATHI SUNDAR, IN

[72] BALASUBRAMANIAN, SUDHA, IN

[72] THEJ, CHARAN, IN

[72] MRUTHYUNJAYA, ASHWIN KUNIGAL, IN

[72] DAMODARAN, DEVI, IN

[72] RAMADASSE, BALAMURUGAN, IN

[72] MAJUMDAR, ANISH SEN, IN

[72] BHAGWAT, SWAROOP, IN

[71] STEMPEUTICS RESEARCH PVT. LTD., IN

[22] 2015-01-19

[41] 2015-12-24

[30] IN (3072/CHE/2014) 2014-06-24

[21] **2,878,984**  
[13] A1

[51] **Int.Cl. B41J 2/01 (2006.01) B41F 17/38 (2006.01) B41J 3/407 (2006.01)**

[25] EN

[54] **INKJET RECORDING APPARATUS**

[54] **APPAREIL D'ENREGISTREMENT FONCTIONNANT A JET D'ENCRE**

[72] IZAWA, HIDEO, JP

[72] NAMIKI, TAKAO, JP

[72] KATAGIRI, YASUSHI, JP

[72] ISHIKAWA, AKIRA, JP

[71] MIYAKOSHI PRINTING MACHINERY CO., LTD., JP

[22] 2015-01-19

[41] 2015-12-25

[30] JP (2014-130816) 2014-06-25

[21] **2,880,546**  
[13] A1

[51] **Int.Cl. G06Q 40/06 (2012.01)**

[25] EN

[54] **METHOD FOR EXCHANGING AN ASSET FOR SHARES OF AN INVESTMENT FUND IN AN INVESTMENT FUND CORPORATION**

[54] **METHODE D'ECHANGE D'UN ACTIF CONTRE DES PARTS D'UN FONDS D'INVESTISSEMENT DANS UNE SOCIETE DE FONDS D'INVESTISSEMENT**

[72] SEIF, SOM, CA

[72] TASEVSKI, VLADIMIR, CA

[71] PURPOSE INVESTMENTS INC., CA

[22] 2015-01-29

[41] 2015-12-20

[30] US (62/015,038) 2014-06-20

[21] **2,881,366**  
[13] A1

[51] **Int.Cl. B60P 1/18 (2006.01) B62D 53/06 (2006.01)**

[25] EN

[54] **TRAILER APPARATUSES**

[54] **APPAREILS DE REMORQUAGE**

[72] ROBERTSON, NEIL HARRISON MCNEIL, US

[71] FONTAINE COMMERCIAL TRAILER, INC., US

[22] 2015-02-09

[41] 2015-12-26

[30] US (62/017,493) 2014-06-26

[30] US (14/585,879) 2014-12-30

[21] **2,881,561**  
[13] A1

[51] **Int.Cl. E06B 3/263 (2006.01) E06B 3/04 (2006.01)**

[25] EN

[54] **DOOR JAMB AND SILL ASSEMBLIES**

[54] **ENSEMBLE DE MONTANT ET SEUIL DE PORTE**

[72] GRONDIN, JEREMIE, CA

[72] ROUILLARD, ERIC, CA

[71] EXTRUCAN INC., CA

[22] 2015-02-10

[41] 2015-12-24

[21] **2,886,122**  
[13] A1

[51] **Int.Cl. G05D 1/10 (2006.01) B64C 13/18 (2006.01) F41G 9/00 (2006.01) F42B 15/01 (2006.01)**

[25] EN

[54] **FLIGHT VEHICLE AUTOPILOT PILOTE AUTOMATIQUE DE VEHICULE AERIEN**

[72] WISE, KEVIN A., US

[72] LAVRETSKY, EUGENE, US

[72] ROBERTS, BRIAN C., US

[72] FRANCIS, JAMES H., JR., US

[71] THE BOEING COMPANY, US

[22] 2015-03-24

[41] 2015-12-26

[30] US (14/316,053) 2014-06-26

[21] **2,887,715**  
[13] A1

[51] **Int.Cl. F24C 3/08 (2006.01) F23C 7/00 (2006.01) F23D 14/10 (2006.01)**

[25] EN

[54] **HOME APPLIANCE WITH SUPPLEMENTAL COMBUSTION AIR SUPPLY APPARATUS**

[54] **APPAREIL ELECTROMENAGER DOTE D'UN DISPOSITIF SUPPLEMENTAIRE D'APPROVISIONNEMENT D'AIR DE COMBUSTION**

[72] BRADEN, BEN, US

[72] MOYERS, RICHARD, US

[72] HANNA, CHARLIE, US

[72] RUSSELL, TIMOTHY, US

[71] BSH HOME APPLIANCES CORPORATION, US

[71] BSH BOSCH UND SIEMENS HAUSGERATE GMBH, DE

[22] 2015-04-09

[41] 2015-12-26

[30] US (14/315,824) 2014-06-26

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December 20, 2015 to December 26, 2015**

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[21] **2,887,764**  
[13] A1

[51] **Int.Cl. C10L 1/224 (2006.01) C10L 10/08 (2006.01)**  
[25] EN  
[54] **HYDROCARBYL SOLUBLE QUATERNARY AMMONIUM CARBOXYLATES AND FUEL COMPOSITIONS CONTAINING THEM**  
[54] **CARBOXYLATES D'AMMONIUM QUATERNAIRE SOLUBLES DANS UN GROUPE HYDROCARBYLE ET COMPOSITIONS DE CARBURANT EN CONTENANT**  
[72] FANG, XINGGAO, US  
[72] SCHWAB, SCOTT D., US  
[72] TAYLOR, DANIEL, US  
[71] AFTON CHEMICAL CORPORATION, US  
[22] 2015-04-09  
[41] 2015-12-25  
[30] US (14/315,302) 2014-06-25

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[21] **2,887,792**  
[13] A1

[51] **Int.Cl. H03M 1/66 (2006.01) H04L 27/34 (2006.01)**  
[25] EN  
[54] **IN-PHASE AND QUADRATURE RADIO FREQUENCY DIGITAL-TO-ANALOG CONVERTER**  
[54] **CONVERTISSEUR NUMERIQUE-ANALOGIQUE DE RADIOFREQUENCES DE FLUX EN PHASE OU EN QUADRATURE**  
[72] HITKO, DONALD A., US  
[72] BARINGER, CYNTHIA D., US  
[71] THE BOEING COMPANY, US  
[22] 2015-04-10  
[41] 2015-12-26  
[30] US (14/316,112) 2014-06-26

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[21] **2,887,959**  
[13] A1

[51] **Int.Cl. A47L 5/30 (2006.01) A47L 9/10 (2006.01) A47L 9/30 (2006.01)**  
[25] EN  
[54] **UPRIGHT VACUUM CLEANER**  
[54] **ASPIRATEUR VERTICAL**  
[72] THEISING, JOHN L., US  
[71] EMERSON ELECTRIC CO., US  
[22] 2015-04-13  
[41] 2015-12-25  
[30] US (14/314,735) 2014-06-25

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[21] **2,888,082**  
[13] A1

[51] **Int.Cl. A63H 33/00 (2006.01) A47D 15/00 (2006.01) A61J 9/00 (2006.01)**  
[25] EN  
[54] **DECORATIVE ATTACHMENT FOR A BABY BOTTLE**  
[54] **ACCESSOIRE DECORATIF DE BOUTEILLE POUR BEBE**  
[72] EGAN-WYER, DAMIEN O., CA  
[72] EGAN-WYER, MELANIE, CA  
[71] EGAN.WYER GROUP INC., CA  
[22] 2015-04-15  
[41] 2015-12-26  
[30] US (62/017,527) 2014-06-26  
[30] US (14/592,254) 2015-01-08

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[21] **2,888,549**  
[13] A1

[51] **Int.Cl. B01D 3/30 (2006.01)**  
[25] EN  
[54] **A FRACTIONATION TRAY HAVING A MANWAY UNIT**  
[54] **UN PLATEAU DE FRACTIONNEMENT COMPORTANT UN MODULE DE GALERIE D'HOMME**  
[72] SUMMERS, DANIEL RICHARD, US  
[72] MAGANA, SALVADOR LOPEZ, US  
[72] BOWDEN, ROBERT, US  
[72] PARKER, CHARLES SIDNEY, US  
[71] SULZER CHEMTECH AG, CH  
[22] 2015-04-14  
[41] 2015-12-23  
[30] US (62/002,334) 2014-06-23

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[21] **2,889,826**  
[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01) A61P 9/12 (2006.01) C12Q 1/68 (2006.01)**  
[25] EN  
[54] **METHODS OF TREATING PULMONARY HYPERTENSION BY ADMINISTRATION OF NATRIURETIC PEPTIDE RECEPTOR C SIGNALING PATHWAY ACTIVATORS**  
[54] **METHODES DE TRAITEMENT DE L'HYPERTENSION PULMONAIRE PAR ADMINISTRATION D'UN RECEPTEUR DU PEPTIDE NATRIURETIQUE C SIGNALANT DES ACTIVEURS DE SEQUENCE**  
[72] EGOM, EMMANUEL E., CA  
[71] EGOM, EMMANUEL E., CA  
[22] 2015-04-30  
[41] 2015-12-20  
[30] US (61/998,171) 2014-06-20

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[21] **2,891,692**  
[13] A1

[51] **Int.Cl. B43L 1/00 (2006.01) A63B 69/00 (2006.01) G09B 25/00 (2006.01)**  
[25] EN  
[54] **3-DIMENSIONAL COACHING BOARD**  
[54] **PLANCHE DE COACHING EN 3 DIMENSIONS**  
[72] FOXCROFT, DAVID RONALD, CA  
[72] EDWARDS, GARETH, CA  
[71] FOX 40 INTERNATIONAL INC., CA  
[22] 2015-05-20  
[41] 2015-12-25  
[30] US (62/016,936) 2014-06-25

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[21] **2,891,812**  
[13] A1

[51] **Int.Cl. F28F 1/40 (2006.01) F24D 5/02 (2006.01) F24H 3/08 (2006.01) F24H 9/18 (2006.01)**  
[25] EN  
[54] **HVAC SYSTEMS AND METHODS WITH IMPROVED HEAT EXCHANGERS**  
[54] **APPAREILS ET METHODES DE CVCA A ECHANGEURS THERMIQUES AMELIORES**  
[72] MULEY, KIRANKUMAR, IN  
[72] SAHU, KAPIL, IN  
[72] KOWALD, GLENN W., US  
[72] SWORNALATHA, AJAY C.P., IN  
[72] BURMANIA, IAN, US  
[72] WHITESITT, JOHN, US  
[72] ZIMMER, DONALD, US  
[71] LENNOX INDUSTRIES INC., US  
[22] 2015-05-15  
[41] 2015-12-25  
[30] US (14/315,251) 2014-06-25

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[21] **2,892,526**  
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01)**  
[25] EN  
[54] **ADAPTER ASSEMBLY FOR INTERCONNECTING ELECTROMECHANICAL SURGICAL DEVICES AND SURGICAL LOADING UNITS, AND SURGICAL SYSTEMS THEREOF**  
[54] **DISPOSITIF ADAPTATEUR DESTINE A CONNECTER DES APPAREILS CHIRURGICAUX ELECTROMECHANIQUES ET DES CHARGEURS CHIRURGICAUX, ET LEURS DISPOSITIFS CHIRURGICAUX**  
[72] ZERGIEBEL, EARL M., US  
[72] CHOWANIEC, DAVID M., US  
[72] WILLIAMS, RYAN, US  
[72] SUBRAMANIAN, ANAND, US  
[72] RICHARD, PAUL, US  
[71] COVIDIEN LP, US  
[22] 2015-05-27  
[41] 2015-12-26  
[30] US (62/017,610) 2014-06-26  
[30] US (14/672,973) 2015-03-30

[21] **2,892,737**  
[13] A1

[51] **Int.Cl. B25J 9/12 (2006.01) B25J 5/00 (2006.01) B25J 19/02 (2006.01) B25J 19/04 (2006.01)**  
[25] EN  
[54] **ROBOT ALIGNMENT SYSTEMS AND METHODS OF ALIGNING A ROBOT**  
[54] **DISPOSITIFS D'ALIGNEMENT DE ROBOT ET METHODES D'ALIGNEMENT D'UN ROBOT**  
[72] SARH, BRANKO, US  
[72] ERICKSON, CHRIS J., US  
[72] CALDARERA, MICHAEL L., US  
[71] THE BOEING COMPANY, US  
[22] 2015-05-26  
[41] 2015-12-20  
[30] US (14/311,041) 2014-06-20

[21] **2,892,808**  
[13] A1

[51] **Int.Cl. A61B 17/115 (2006.01) A61B 17/04 (2006.01) A61B 17/11 (2006.01)**  
[25] EN  
[54] **SYSTEM FOR DELIVERING AN ANVIL ASSEMBLY TO A SURGICAL SITE**  
[54] **MECANISME DE DISTRIBUTION D'UN DISPOSITIF D'ENCLUME A UN SITE CHIRURGICAL**  
[72] WILLIAMS, JUSTIN, US  
[71] COVIDIEN LP, US  
[22] 2015-05-25  
[41] 2015-12-24  
[30] US (14/313,283) 2014-06-24

[21] **2,892,833**  
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 17/28 (2006.01)**  
[25] EN  
[54] **ADAPTER ASSEMBLIES FOR INTERCONNECTING ELECTROMECHANICAL HANDLE ASSEMBLIES AND SURGICAL LOADING UNITS**  
[54] **DISPOSITIFS ADAPTATEURS DESTINES A CONNECTER DES DISPOSITIFS DE POIGNEE ELECTROMECHANIQUES ET DES CHARGEURS CHIRURGICAUX**  
[72] CHOWANIEC, DAVID, US  
[72] PRIBANIC, RUSSELL, US  
[72] MARCZYK, STANISLAW, US  
[72] ZERGIEBEL, EARL, US  
[72] IRKA, PHILIP, US  
[72] SUBRAMANIAN, ANAND, US  
[72] RICHARD, PAUL, US  
[71] COVIDIEN LP, US  
[22] 2015-05-21  
[41] 2015-12-26  
[30] US (62/017,539) 2014-06-26  
[30] US (14/672,731) 2015-03-30

[21] **2,892,868**  
[13] A1

[51] **Int.Cl. A61B 17/115 (2006.01) A61B 17/04 (2006.01) A61B 17/11 (2006.01)**  
[25] EN  
[54] **ANVIL ASSEMBLY DELIVERY SYSTEMS**  
[54] **MECANISMES DE DISTRIBUTION DE DISPOSITIF D'ENCLUME**  
[72] WILLIAMS, JUSTIN, US  
[71] COVIDIEN LP, US  
[22] 2015-05-21  
[41] 2015-12-24  
[30] US (14/313,303) 2014-06-24

[21] **2,893,156**  
[13] A1

[51] **Int.Cl. H01R 13/50 (2006.01) H01R 24/28 (2011.01) H01R 24/64 (2011.01) H01R 4/24 (2006.01) H01R 43/01 (2006.01)**  
[25] EN  
[54] **ELECTRICAL CONNECTOR WITH REMOVABLE EXTERNAL LOAD BAR, AND METHOD OF ITS USE**  
[54] **CONNECTEUR ELECTRIQUE DOTE D'UNE BARRE DE CHARGE EXTERNE AMOVIBLE ET SA METHODE D'UTILISATION**  
[72] SULLIVAN, ROBERT W., US  
[71] SULLIVAN, ROBERT W., US  
[22] 2015-05-29  
[41] 2015-12-23  
[30] US (14/120,730) 2014-06-23

[21] **2,893,229**  
[13] A1

[51] **Int.Cl. F16D 67/00 (2006.01) B64C 13/24 (2006.01) F16D 7/00 (2006.01) F16H 35/10 (2006.01) F16H 61/22 (2006.01)**  
[25] EN  
[54] **TORQUE LIMITATION SYSTEMS AND METHODS**  
[54] **SYSTEMES ET METHODES DE LIMITATION DE COUPLE**  
[72] DAVIES, STEPHEN, GB  
[71] GOODRICH ACTUATION SYSTEMS LIMITED, GB  
[22] 2015-06-01  
[41] 2015-12-23  
[30] EP (14275141.1) 2014-06-23

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[21] **2,893,401**  
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 17/28 (2006.01)**  
[25] EN  
[54] **ADAPTER ASSEMBLY FOR INTERCONNECTING ELECTROMECHANICAL SURGICAL DEVICES AND SURGICAL LOADING UNITS, AND SURGICAL SYSTEMS THEREOF**  
[54] **DISPOSITIF ADAPTATEUR D'INTERCONNEXION D'APPAREILS CHIRURGICAUX ELECTROMECHANIQUES ET DE MODULES DE CHARGEMENT CHIRURGICAUX, ET LEURS DISPOSITIFS CHIRURGICAUX**  
[72] ZERGIEBEL, EARL M., US  
[72] CHOWANIEC, DAVID M., US  
[72] WILLIAMS, RYAN, US  
[72] SUBRAMANIAN, ANAND, US  
[71] COVIDIEN LP, US  
[22] 2015-05-26  
[41] 2015-12-26  
[30] US (62/017,510) 2014-06-26  
[30] US (14/700,917) 2015-04-30

[21] **2,893,904**  
[13] A1

[51] **Int.Cl. G06F 13/12 (2006.01) G06F 13/42 (2006.01)**  
[25] EN  
[54] **A PHYSICAL INTERFACE MODULE**  
[54] **UN MODULE D'INTERFACE PHYSIQUE**  
[72] PERRINE, JEROME, CH  
[72] GOUPIL, HERVE, CH  
[72] VAN RIEK, MAURICE, CH  
[71] NAGRAVISION S.A., CH  
[22] 2015-06-08  
[41] 2015-12-20  
[30] EP (14173326.1) 2014-06-20

[21] **2,893,968**  
[13] A1

[51] **Int.Cl. B60N 2/14 (2006.01)**  
[25] EN  
[54] **ROTATABLE VEHICLE SEAT FRAME ASSEMBLY**  
[54] **DISPOSITIF DE CADRE DE SIEGE DE VEHICULE PIVOTANT**  
[72] YIN, QING-KUN, TW  
[72] CHANG, CHIN-CHEN, TW  
[71] COLIGEN CORP., TW  
[22] 2015-06-10  
[41] 2015-12-26  
[30] CN (201410288699.6) 2014-06-26

[21] **2,894,103**  
[13] A1

[51] **Int.Cl. E06B 3/46 (2006.01) E06B 3/42 (2006.01)**  
[25] EN  
[54] **SLIDING SASH SECONDARY LOCK**  
[54] **VERROU SECONDAIRE POUR VOLET COULISSANT**  
[72] BACZUK, ERIC A., US  
[72] DODGE, TRAVIS J., US  
[71] MILGARD MANUFACTURING INCORPORATED, US  
[22] 2015-06-11  
[41] 2015-12-24  
[30] US (14/313,013) 2014-06-24  
[30] US (14/712,858) 2015-05-14

[21] **2,894,108**  
[13] A1

[51] **Int.Cl. A01D 47/00 (2006.01)**  
[25] EN  
[54] **HEADER WITH INPUT GEARBOX**  
[54] **BEC CUEILLEUR DOTE D'UN ENGRENAGE D'ENTREE**  
[72] SURMANN, KLEMENS, DE  
[72] SCHULZE SELTING, STEPHAN, DE  
[72] SCHULZE RUCKAMP, JAN BERND, DE  
[72] SUDHUES, STEFFEN, DE  
[71] CARL GERINGHOFF GMBH & CO. KG, DE  
[22] 2015-06-10  
[41] 2015-12-25  
[30] DE (10 2014 009 159.7) 2014-06-25

[21] **2,894,113**  
[13] A1

[51] **Int.Cl. C08L 77/06 (2006.01) C08J 5/04 (2006.01) C08K 7/02 (2006.01)**  
[25] EN  
[54] **COMPOSITE COMPRISING A MATRIX MATERIAL MADE OF AN AMORPHOUS POLYAMIDE AND USE THEREOF**  
[54] **COMPOSITE COMPORTANT UN MATERIAU MATRICE FAIT D'UN POLYAMIDE AMORPHE ET SON UTILISATION**  
[72] HOPPE, RALF, CH  
[72] TRZASKOWSKI, JUSTYNA, CH  
[71] EMS-PATENT AG, CH  
[22] 2015-06-12  
[41] 2015-12-20  
[30] EP (14 173 332.9) 2014-06-20  
[30] EP (15 160 633.2) 2015-03-24

[21] **2,894,116**  
[13] A1

[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01) B01D 53/18 (2006.01)**  
[25] EN  
[54] **A CALCINER AND A METHOD FOR CALCINATION OF A CARBON DIOXIDE RICH SORBENT**  
[54] **UN CALCINATEUR ET UNE METHODE DE CALCINATION D'UN SORBANT RICHE EN DIOXYDE DE CARBONE**  
[72] BALFE, MICHAEL CHARLES, DE  
[72] HEINZ, GERHARD, DE  
[72] STALLMANN, OLAF, DE  
[72] WEINGARTNER, CHRISTOPH, DE  
[71] ALSTOM TECHNOLOGY LTD, CH  
[22] 2015-06-12  
[41] 2015-12-24  
[30] EP (14173579.5) 2014-06-24

[21] **2,894,132**  
[13] A1

[51] **Int.Cl. H01L 29/08 (2006.01) H01L 27/08 (2006.01) H01L 29/16 (2006.01)**  
[25] EN  
[54] **CELLULAR LAYOUT FOR SEMICONDUCTOR DEVICES**  
[54] **DISPOSITION CELLULAIRE DE DISPOSITIFS SEMI-CONDUCTEURS**  
[72] BOLOTNIKOV, ALEXANDER VIKTOROVICH, US  
[72] LOSEE, PETER ALMERN, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2015-06-11  
[41] 2015-12-24  
[30] US (14/313,820) 2014-06-24

[21] **2,894,136**  
[13] A1

[51] **Int.Cl. F16C 3/02 (2006.01) B63H 23/12 (2006.01) B63H 23/34 (2006.01) F16D 1/00 (2006.01) H02K 7/14 (2006.01)**  
[25] EN  
[54] **DRIVE SHAFTS**  
[54] **ARBRES D'ENTRAINEMENT**  
[72] SALTER, BENJAMIN GUY, GB  
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LTD., GB  
[22] 2015-06-11  
[41] 2015-12-24  
[30] EP (14173593.6) 2014-06-24

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[21] **2,894,143**  
[13] A1

[51] **Int.Cl. H01L 29/08 (2006.01) H01L 27/08 (2006.01) H01L 29/16 (2006.01)**

[25] EN

[54] **CELLULAR LAYOUT FOR SEMICONDUCTOR DEVICES**

[54] **DISPOSITION CELLULAIRE DE DISPOSITIFS SEMI-CONDUCTEURS**

[72] BOLOTNIKOV, ALEXANDER VIKTOROVICH, US

[72] LOSEE, PETER ALMERN, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2015-06-11

[41] 2015-12-24

[30] US (14/313,785) 2014-06-24

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[21] **2,894,172**  
[13] A1

[51] **Int.Cl. F16F 13/10 (2006.01) B60K 5/12 (2006.01) F16F 5/00 (2006.01) F16F 9/344 (2006.01)**

[25] EN

[54] **FLUID-FILLED VIBRATION DAMPING DEVICE**

[54] **DISPOSITIF AMORTISSEUR DE VIBRATION REMPLI DE FLUIDE**

[72] FURUMACHI, NAOKI, JP

[72] YASUDA, TAKAYOSHI, JP

[72] KUNIYA, TAKESHI, JP

[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP

[22] 2015-06-12

[41] 2015-12-23

[30] JP (2014-128638) 2014-06-23

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[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 17/285 (2006.01) A61B 17/94 (2006.01)**

[25] EN

[54] **HAND HELD SURGICAL HANDLE ASSEMBLY, SURGICAL ADAPTERS FOR USE BETWEEN SURGICAL HANDLE ASSEMBLY AND SURGICAL END EFFECTORS, AND METHODS OF USE**

[54] **DISPOSITIF DE POIGNEE CHIRURGICALE TENUE A LA MAIN, ADAPTEURS CHIRURGICAUX A INSERER ENTRE LE DISPOSITIF DE POIGNEE CHIRURGICALE ET LES EFFECTEURS D'EXTREMITÉ CHIRURGICAUX, ET METHODES D'UTILISATION**

[72] ZERGIEBEL, EARL M., US

[72] CHOWANIEC, DAVID M., US

[72] WILLIAMS, RYAN, US

[72] FOWLER, DAVID, US

[71] COVIDIEN LP, US

[22] 2015-06-15

[41] 2015-12-26

[30] US (62/017,599) 2014-06-26

[30] US (14/734,159) 2015-06-09

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[21] **2,894,335**  
[13] A1

[51] **Int.Cl. F16H 57/022 (2012.01)**

[25] EN

[54] **ROTATING UNIT FOR ROTATING A COMPONENT MOUNTED IN A ROTABLE MANNER ON A WIND TURBINE**

[54] **MODULE ROTATIF DESTINE A FAIRE PIVOTER UNE COMPOSANTE INSTALLEE DE MANIERE ROTATIVE SUR UNE EOLIENNE**

[72] TREDE, ALF, DE

[72] EUSTERBARKEY, CARSTEN, DE

[71] SENVION SE, DE

[22] 2015-06-16

[41] 2015-12-26

[30] DE (10 2014 009 306.9) 2014-06-26

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[21] **2,894,373**  
[13] A1

[51] **Int.Cl. F16L 19/02 (2006.01) F16L 19/025 (2006.01) F16L 19/04 (2006.01)**

[25] EN

[54] **FLANGE FITTING**

[54] **RACCORD DE BRIDE**

[72] ZANETTACCI, CHARLES, GB

[72] FARQUHAR, KEITH, GB

[71] SPIRAX-SARCO LIMITED, GB

[22] 2015-06-16

[41] 2015-12-20

[30] GB (1411018.3) 2014-06-20

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[21] **2,894,383**  
[13] A1

[51] **Int.Cl. C09K 8/62 (2006.01) E21B 43/26 (2006.01)**

[25] EN

[54] **METHOD OF MAKING A FRACTURING FLUID COMPOSITION AND UTILIZATION THEREOF**

[54] **METHODE DE FABRICATION D'UNE COMPOSITION DE FLUIDE DE FRACTURATION ET SON UTILISATION**

[72] KELLY, RICHARD M., US

[72] RENZ, WALTER L., US

[71] PRAXAIR TECHNOLOGY, INC., US

[22] 2015-06-15

[41] 2015-12-24

[30] US (14/313572) 2014-06-24

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[21] **2,894,591**  
[13] A1

[51] **Int.Cl. C25B 11/00 (2006.01) C02F 1/46 (2006.01) C02F 1/76 (2006.01) C02F 1/78 (2006.01) C25B 1/13 (2006.01) C25B 1/26 (2006.01) C25B 11/02 (2006.01) C25B 11/04 (2006.01) C01B 7/01 (2006.01) C01B 13/10 (2006.01)**

[25] EN

[54] **DIAMOND COATED ELECTRODES FOR ELECTROCHEMICAL PROCESSING AND APPLICATIONS THEREOF**

[54] **ELECTRODES REVETUES DE DIAMANT DESTINEES AU TRAITEMENT ELECTROCHIMIQUE ET APPLICATIONS CONNEXES**

[72] GOROKHOVSKY, VLADIMIR, US  
[72] SULLIVAN, PATRICK, US  
[72] BRONDUM, KLAUS, US  
[72] JONTE, PATRICK B., US  
[71] VAPOR TECHNOLOGIES, INC., US  
[22] 2015-06-18  
[41] 2015-12-26  
[30] US (62/017,555) 2014-06-26  
[30] US (14/736,934) 2015-06-11

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[21] **2,894,620**  
[13] A1

[51] **Int.Cl. B24B 9/04 (2006.01) A63C 3/10 (2006.01)**

[25] EN

[54] **SKATE SHARPENING FIXTURE**

[54] **APPAREIL D'AFFUTAGE DE PATIN**

[72] SCHATZ, KURT M., CA  
[71] MAGNA CLOSURES INC., CA  
[22] 2015-06-17  
[41] 2015-12-20  
[30] US (62/015,158) 2014-06-20  
[30] US (14/736,947) 2015-06-11

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[21] **2,894,622**  
[13] A1

[51] **Int.Cl. A61B 5/055 (2006.01)**

[25] EN

[54] **REAL-TIME GENERATION OF MRI SLICES**

[54] **TRANCHES D'IMAGES PAR IRM PRODUITES EN TEMPS REEL**

[72] GOVARI, ASSAF, IL  
[72] SCHWARTZ, YITZHACK, IL  
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL  
[22] 2015-06-17  
[41] 2015-12-25  
[30] US (14/314,128) 2014-06-25

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[21] **2,894,628**  
[13] A1

[51] **Int.Cl. C05F 17/02 (2006.01) A01G 31/00 (2006.01) C05F 9/00 (2006.01) C05F 17/00 (2006.01)**

[25] EN

[54] **CLOSED LOOP COMPOST TEA BREWER**

[54] **INFUSEUR DE THE DE COMPOST A BOUCLE FERMEE**

[72] FINGERLE, MATTHEW, US  
[71] FINGERLE, MATTHEW, US  
[22] 2015-06-17  
[41] 2015-12-26  
[30] US (62/017,391) 2014-06-26  
[30] US (14/585,784) 2014-12-30

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[21] **2,894,685**  
[13] A1

[51] **Int.Cl. H04W 52/02 (2009.01) H04W 28/22 (2009.01) H04W 80/02 (2009.01)**

[25] EN

[54] **APPARATUS AND METHOD TO REDUCE A RATE OF RECEIVING DATA**

[54] **APPAREIL ET METHODE DESTINES A REDUIRE UNE QUANTITE DE DONNEES RECUES**

[72] SMADI, MOHAMMED NAWAF, CA  
[72] KEZYS, VYTAUTAS ROBERTAS, CA  
[72] BADAWY, GHADA, CA  
[71] BLACKBERRY LIMITED, CA  
[22] 2015-06-19  
[41] 2015-12-20  
[30] US (14/310,616) 2014-06-20

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[21] **2,894,726**  
[13] A1

[51] **Int.Cl. H02J 1/00 (2006.01) B63J 99/00 (2009.01) H02H 7/125 (2006.01) H02K 17/44 (2006.01)**

[25] EN

[54] **SYSTEM FOR SUPPLYING ELECTRICAL POWER TO A LOAD AND CORRESPONDING POWER SUPPLY METHOD**

[54] **APPAREIL D'ALIMENTATION DE PUISSANCE ELECTRIQUE ET METHODE D'ALIMENTATION ELECTRIQUE CORRESPONDANTE**

[72] FESSLER, ERIC, FR  
[72] CROUZET, GILBERT-PHILIPPE, FR  
[72] LECLERE, LOIC, FR  
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LTD, GB  
[22] 2015-06-18  
[41] 2015-12-23  
[30] EP (14305980.6) 2014-06-23

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[21] **2,894,783**  
[13] A1

[51] **Int.Cl. B05C 11/02 (2006.01)**

[25] EN

[54] **COVER MEMBER FOR A ROBOT USED IN A PAINTING PROCESS HAVING ABSORPTIVE PROPERTIES**

[54] **ELEMENT DE REVETEMENT POUR UN ROBOT UTILISE EN PEINTURE ET OFFRANT DES PROPRIETES ABSORBANTES**

[72] D'ANDRETA, MARK, US  
[71] TD INDUSTRIAL COVERINGS, INC., US  
[22] 2015-06-17  
[41] 2015-12-25  
[30] US (62/016,776) 2014-06-25  
[30] US (14/741,546) 2015-06-17

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20 décembre 2015 au 26 décembre 2015**

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[21] **2,894,835**  
[13] A1

[51] **Int.Cl. E06B 3/20 (2006.01) E06B 3/08 (2006.01)**  
[25] EN  
[54] **REINFORCED WINDOW PROFILE**  
[54] **PROFIL DE FENETRE RENFORCE**  
[72] ZOHAR, AVI, CA  
[72] TODD, JOHN, CA  
[72] DUDLEY, ANDREW, US  
[72] GANDHI, ASHISHKUMAR, CA  
[72] COMMISSO, DOMENIC, CA  
[72] CHANDLER, STEVE, CA  
[71] ROYAL GROUP, INC., CA  
[22] 2015-06-18  
[41] 2015-12-20  
[30] US (62/015,039) 2014-06-20  
[30] US (14/742,084) 2015-06-17

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[21] **2,894,905**  
[13] A1

[51] **Int.Cl. G02B 6/46 (2006.01) B29C 70/68 (2006.01) B64C 27/32 (2006.01) B64D 47/00 (2006.01) B64F 5/00 (2006.01)**  
[25] EN  
[54] **EMBEDDING FIBER OPTIC CABLES IN ROTORCRAFT COMPOSITES**  
[54] **INTEGRATION DE CABLES DE FIBRES OPTIQUES DANS LES COMPOSITES DESTINES AUX APPAREILS ROTATIFS**  
[72] SUTTON, DREW, US  
[72] TUCKER, BRIAN, US  
[72] SCHANK, TROY, US  
[71] BELL HELICOPTER TEXTRON INC., US  
[22] 2015-06-17  
[41] 2015-12-20  
[30] US (14/310,172) 2014-06-20

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[21] **2,894,906**  
[13] A1

[51] **Int.Cl. H01M 2/30 (2006.01) H01M 2/34 (2006.01) H01M 10/44 (2006.01) H02J 7/00 (2006.01)**  
[25] EN  
[54] **ELECTRICITY CHARGING/DISCHARGING DEVICE WITH INSULATION PACKAGE ENCLOSE MEMBER HAVING ELECTRODE PLATE PAIR WITH MULTIPLE-SIDED ELECTRIC CONDUCTIVE TERMINALS**  
[54] **DISPOSITIF DE CHARGE ET DECHARGE D'ELECTRICITE DOTE D'UN ELEMENT D'ENCEINTE ISOLANT COMPORTANT UNE PAIRE DE PLAQUES D'ELECTRODE DOTEES DE BORNES CONDUCTRICES D'ELECTRICITE A PLUSIEURS COTES**  
[72] YANG, TAI-HER, TW  
[71] YANG, TAI-HER, TW  
[22] 2015-06-19  
[41] 2015-12-20  
[30] US (14/310,498) 2014-06-20  
[30] US (14/310,517) 2014-06-20  
[30] US (14/310,542) 2014-06-20

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[21] **2,894,930**  
[13] A1

[51] **Int.Cl. A61M 25/095 (2006.01) A61B 1/05 (2006.01) A61B 8/12 (2006.01) A61B 18/14 (2006.01)**  
[25] EN  
[54] **ASSISTIVE MANUAL ZEROING VISUALIZATION**  
[54] **VISUALISATION DE ZERO MANUELLE ASSISTEE**  
[72] KATZ, NATAN SHARON, IL  
[72] TURGEMAN, AHARON, IL  
[72] KRUPNIK, RONEN, IL  
[72] LUDWIN, DORON MOSHE, IL  
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL  
[22] 2015-06-18  
[41] 2015-12-26  
[30] US (14/315,408) 2014-06-26

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[21] **2,894,940**  
[13] A1

[51] **Int.Cl. B01D 27/06 (2006.01) B01D 46/10 (2006.01)**  
[25] EN  
[54] **HELICALLY WRAPPED FILTER**  
[54] **FILTRE A FIBRES HELICOIDALES**  
[72] KATHAN, KYLE, US  
[72] BENNETT, JESSICA, US  
[72] CAMERO, JOSE, US  
[71] PALL CORPORATION, US  
[22] 2015-06-19  
[41] 2015-12-26  
[30] US (14/315,490) 2014-06-26

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[21] **2,894,943**  
[13] A1

[51] **Int.Cl. H02K 1/22 (2006.01) H02K 3/28 (2006.01)**  
[25] EN  
[54] **AXIAL-FLUX ELECTRIC MACHINE WITH WINDING ROTOR AND METHOD FOR THE PRODUCTION THEREOF**  
[54] **MACHINE ELECTRIQUE A FLUX AXIAL DOTE D'UN ROTOR D'ENROULEMENT ET SA METHODE DE PRODUCTION**  
[72] LUCCHI, GIORGIO, IT  
[71] LUCCHI R. ELETTROMECCANICA SRL, IT  
[22] 2015-06-19  
[41] 2015-12-20  
[30] IT (RN2014A000024) 2014-06-20

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[21] **2,894,988**  
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 17/30 (2006.01) H04L 12/16 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR ANALYSING AND PROFILING CLIENT INTERACTION**  
[54] **SYSTEME ET METHODE D'ANALYSE ET D'ETABLISSEMENT DE PROFIL D'INTERACTION CLIENT**  
[72] TAYLOR, RUSSELL, AU  
[72] DUNLOP, SCOTT, AU  
[72] CLAVEN, JESSE, AU  
[71] SUNA IP PTY LTD, AU  
[22] 2015-06-23  
[41] 2015-12-24  
[30] AU (2014203427) 2014-06-24

**Canadian Applications Open to Public Inspection  
December 20, 2015 to December 26, 2015**

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[21] **2,894,996**  
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) H04W 4/00 (2009.01)**  
[25] EN  
[54] **COMPUTER-IMPLEMENTED METHOD AND SYSTEM FOR EPHEMERAL ADVERTISING**  
[54] **SYSTEME INFORMATISE DE PUBLICITE EPHEMERE ET METHODE**  
[72] IGELMAN, MARVIN, CA  
[72] CHUNG, STEVE, US  
[72] PARK, JUNGSOO, US  
[71] IGELMAN, MARVIN, CA  
[71] CHUNG, STEVE, US  
[71] PARK, JUNGSOO, US  
[22] 2015-06-25  
[41] 2015-12-25  
[30] US (62016946) 2014-06-25

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[21] **2,895,002**  
[13] A1

[51] **Int.Cl. A47K 17/00 (2006.01) A47G 29/00 (2006.01) A47K 3/00 (2006.01)**  
[25] EN  
[54] **BATHING AREA ACCESSORIES**  
[54] **ACCESSOIRES POUR ESPACE DE BAIN**  
[72] COHEN, BEN, US  
[72] KNOWLES, GRETA, US  
[72] LILLY, ERIN, US  
[72] LILLY, THOMAS, US  
[72] MCDONALD, ALAN, US  
[72] TEMPAS, JEFF, US  
[72] ZIMBRIC, LUKE, US  
[71] KOHLER CO., US  
[22] 2015-06-19  
[41] 2015-12-20  
[30] US (62/015,214) 2014-06-20

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[21] **2,895,005**  
[13] A1

[51] **Int.Cl. B05D 1/28 (2006.01) B05C 1/12 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR FORMING HYDROPHOBIC STRUCTURES IN A POROUS SUBSTRATE**  
[54] **SYSTEME ET METHODE DE FORMATION DE STRUCTURES HYDROPHOBQUES DANS UN SUBSTRAT POREUX**  
[72] O'NEIL, JASON, US  
[72] ZHOU, JING, US  
[72] KANUNGO, MANDAKINI, US  
[72] JIA, NANCY Y., US  
[72] MCCONVILLE, PAUL J., US  
[72] HONG, WEI, US  
[71] XEROX CORPORATION, US  
[22] 2015-06-15  
[41] 2015-12-23  
[30] US (14/311909) 2014-06-23

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[21] **2,895,006**  
[13] A1

[51] **Int.Cl. B60S 9/14 (2006.01) B60S 9/22 (2006.01)**  
[25] EN  
[54] **HEIGHT EXTENDER FOR CONTROL ARM SKATE**  
[54] **PALLONGE DE HAUTEUR POUR PATIN DE BRAS DE REGLAGE**  
[72] POYNTER, JAMES RODNEY, US  
[71] POYNTER, JAMES RODNEY, US  
[22] 2015-06-19  
[41] 2015-12-20  
[30] US (62/014,758) 2014-06-20  
[30] US (14/743,326) 2015-06-18

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[21] **2,895,017**  
[13] A1

[51] **Int.Cl. H02G 3/14 (2006.01)**  
[25] EN  
[54] **FLOOR BOX COVER**  
[54] **COUVERCLE DE BOITE DE PLANCHER**  
[72] YE, ZACHARY, CN  
[71] THOMAS & BETTS INTERNATIONAL, LLC, US  
[22] 2015-06-18  
[41] 2015-12-25  
[30] US (14/721,130) 2015-05-26  
[30] CN (201410290522.X) 2014-06-25

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[21] **2,895,019**  
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01) A61G 99/00 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR DETERMINING PATIENT ADHERENCE TO A PRESCRIBED MEDICATION PROTOCOL**  
[54] **SYSTEMES ET METHODES DE DETERMINATION D'ADHESION D'UN PATIENT A UN PROTOCOLE RELATIF A LA MEDICATION D'ORDONNANCE**  
[72] PINSONNEAULT, ROGER G., US  
[71] MCKESSON CORPORATION, US  
[22] 2015-06-22  
[41] 2015-12-23  
[30] US (14/312471) 2014-06-23

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[21] **2,895,021**  
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01) H04L 12/16 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR E-PRESCRIPTION TRANSACTION PREDESTINATION EVALUATION, EDITING, REJECTION AND MESSAGING**  
[54] **SYSTEMES ET METHODES D'EVALUATION PREDESTINATION, MODIFICATION, REFUS ET INFORMATION RELATIVEMENT A UNE ORDONNANCE EN FORMAT ELECTRONIQUE**  
[72] PINSONNEAULT, ROGER G., US  
[72] KAYE, ELIZABETH S., US  
[71] MCKESSON CORPORATION, US  
[22] 2015-06-22  
[41] 2015-12-23  
[30] US (62/016088) 2014-06-23  
[30] US (14/674944) 2015-03-31

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[21] **2,895,024**  
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR DETERMINING COVERAGE FOR MEDICATION OR SERVICES RELATED TO SPECIFIC CONDITIONS OR LEVELS OF CARE**  
[54] **SYSTEMES ET METHODES DE DETERMINATION DE COUVERTURE RELATIVE A DES MEDICAMENTS OU DES SERVICES ASSOCIES A DES TROUBLES OU DES NIVEAUX DE SOINS SPECIFIQUES**  
[72] PINSONNEAULT, ROGER G., US  
[72] IRMEN, MONIQUE L., US  
[71] MCKESSON CORPORATION, US  
[22] 2015-06-22  
[41] 2015-12-23  
[30] US (14/312424) 2014-06-23

[21] **2,895,027**  
[13] A1

[51] **Int.Cl. G01N 33/48 (2006.01)**  
[25] EN  
[54] **PAPER-BASED CHEMICAL ASSAY DEVICES WITH IMPROVED FLUIDIC STRUCTURES**  
[54] **DISPOSITIFS D'EPREUVE CHIMIQUE SUR PAPIER OFFRANT DES STRUCTURES FLUIDIQUES AMELIOREES**  
[72] ZHOU, JING, US  
[72] KANUNGO, MANDAKINI, US  
[72] JIA, NANCY Y., US  
[72] HONG, WEI, US  
[71] XEROX CORPORATION, US  
[22] 2015-06-15  
[41] 2015-12-23  
[30] US (14/312128) 2014-06-23

[21] **2,895,036**  
[13] A1

[51] **Int.Cl. E05B 65/08 (2006.01)**  
[25] EN  
[54] **RECESSED LOCK ACTUATING DEVICE FOR SLIDING DOORS**  
[54] **DISPOSITIF ACTIONNANT UN VERROU EN CREUX POUR PORTES COULISSANTES**  
[72] WOLF, GLEN M., US  
[71] TRUTH HARDWARE CORPORATION, US  
[22] 2015-06-19  
[41] 2015-12-20  
[30] US (62/015139) 2014-06-20

[21] **2,895,040**  
[13] A1

[51] **Int.Cl. B32B 37/06 (2006.01) B32B 41/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR FORMING BONDED SUBSTRATES**  
[54] **SYSTEME ET PROCEDE DE FORMATION DE SUBSTRATS LIES**  
[72] BEACHNER, JAMES R., US  
[72] ZHOU, JING, US  
[72] KANUNGO, MANDAKINI, US  
[72] JIA, NANCY Y., US  
[72] MCCONVILLE, PAUL J., US  
[72] HONG, WEI, US  
[71] XEROX CORPORATION, US  
[22] 2015-06-15  
[41] 2015-12-23  
[30] US (14/311970) 2014-06-23

[21] **2,895,059**  
[13] A1

[51] **Int.Cl. F16B 37/14 (2006.01) E04F 13/24 (2006.01) F16B 25/00 (2006.01) F16B 35/06 (2006.01)**  
[25] EN  
[54] **THERMALLY-ISOLATING FASTENER**  
[54] **FIXATION AYANT DES PROPRIETES D'ISOLEMENT THERMIQUE**  
[72] HOHMANN, RONALD P., JR., US  
[71] MITEK HOLDINGS, INC., US  
[22] 2015-06-22  
[41] 2015-12-24  
[30] US (14/313,645) 2014-06-24

[21] **2,895,074**  
[13] A1

[51] **Int.Cl. H01L 51/00 (2006.01) H01L 51/48 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRODUCING A SEMICONDUCTING ORGANIC FILM**  
[54] **METHODE DE PRODUCTION D'UNE PELLICULE ORGANIQUE SEMICONDUCTRICE**  
[72] GUICHARD, PIERRE JEAN YVES, FR  
[72] DERENNES, CHRISTOPHE, FR  
[71] ARMOR, FR  
[22] 2015-06-19  
[41] 2015-12-24  
[30] FR (14 55 832) 2014-06-24

[21] **2,895,097**  
[13] A1

[51] **Int.Cl. A47H 23/08 (2006.01)**  
[25] EN  
[54] **FUSED WINDOW SHIELD**  
[54] **PARE-BRISE THERMOFIXE**  
[72] KINSEY, HONG XU, CN  
[71] KINSEY, HONG XU, CN  
[22] 2015-06-25  
[41] 2015-12-25  
[30] US (62/017,104) 2014-06-25  
[30] US (14/716,777) 2015-05-19  
[30] US (14/749,404) 2015-06-24

[21] **2,895,105**  
[13] A1

[51] **Int.Cl. B60K 35/00 (2006.01) H04W 4/00 (2009.01) H04W 4/12 (2009.01) H04W 84/18 (2009.01)**  
[25] EN  
[54] **METHOD TO DISPLAY CONTEXT DEPENDENT INFORMATION TO A USER IN OR FROM A VEHICLE**  
[54] **METHODE D'AFFICHAGE D'INFORMATION LIEE AU CONTEXTE DESTINEE A UN UTILISATEUR DANS UN VEHICULE OU A PARTIR D'UN VEHICULE**  
[72] VANDEWEERD, SEAN, CA  
[72] NATHWANI, SANJAY, CA  
[71] BLACKBERRY LIMITED, CA  
[22] 2015-06-25  
[41] 2015-12-26  
[30] US (14/315,856) 2014-06-26

**Canadian Applications Open to Public Inspection  
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[21] **2,895,112**  
[13] A1

[51] **Int.Cl. E04G 21/32 (2006.01) A62B 35/00 (2006.01)**  
[25] EN  
[54] **PERSONAL SAFETY APPARATUS AND SYSTEM**  
[54] **APPAREIL DE SECURITE PERSONNEL ET SYSTEME**  
[72] PALET, TIMOTHY JAMES, US  
[71] SESCO L.L.C., US  
[22] 2015-06-22  
[41] 2015-12-25  
[30] US (14/314,923) 2014-06-25

[21] **2,895,114**  
[13] A1

[51] **Int.Cl. F16L 23/16 (2006.01) F16L 23/00 (2006.01) F16L 25/12 (2006.01) F16L 41/12 (2006.01) F16L 41/16 (2006.01) F16L 55/11 (2006.01)**  
[25] EN  
[54] **LINE STOP ADAPTER FOR MECHANICAL JOINT OUTLET**  
[54] **ADAPTATEUR DE ROBINET D'ARRET POUR SORTIE DE JOINT MECANIQUE**  
[72] FARRELLY, ROBERT E., US  
[71] FARRELLY, ROBERT E., US  
[22] 2015-06-22  
[41] 2015-12-20  
[30] US (62/015,001) 2014-06-20

[21] **2,895,217**  
[13] A1

[51] **Int.Cl. A61K 39/40 (2006.01) A61P 31/04 (2006.01) C07K 16/12 (2006.01) C12P 21/00 (2006.01)**  
[25] EN  
[54] **POLYCLONAL ANTIBODIES AGAINST CLOSTRIDIUM DIFFICILE AND USES THEREOF**  
[54] **ANTICORPS POLYCLONAUX CONTRE LE CLOSTRIDIUM DIFFICILE ET LEURS UTILISATIONS**  
[72] MAITI, PRADIP K., CA  
[71] IMMUNIMED INC, CA  
[22] 2015-06-22  
[41] 2015-12-20  
[30] US (62/015,339) 2014-06-20

[21] **2,895,240**  
[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01) H04W 12/08 (2009.01) H04W 80/02 (2009.01)**  
[25] EN  
[54] **DEVICE PAIRING AND LOGIN FOR DIFFERENT NETWORK SERVICES OFFERED AT HOSPITALITY ESTABLISHMENT**  
[54] **PAIRAGE DE DISPOSITIF ET OUVERTURE DE SESSION POUR DIFFERENTS SERVICES RESEAU OFFERT DANS UN ETABLISSEMENT D'HEBERGEMENT**  
[72] WARRICK, PETER S., CA  
[72] CASSIDY, BRENDAN G., CA  
[72] CARRIERE, LINDSEY M., CA  
[72] CARRIERE, LYNDON J., CA  
[72] SEGSTRO, AARON J., CA  
[71] GUEST TEK INTERACTIVE ENTERTAINMENT LTD., CA  
[22] 2015-06-16  
[41] 2015-12-20  
[30] US (62/015,111) 2014-06-20

[21] **2,895,292**  
[13] A1

[51] **Int.Cl. C08J 7/04 (2006.01) C08L 1/02 (2006.01) C30B 33/00 (2006.01)**  
[25] EN  
[54] **SURFACE MODIFICATION OF CELLULOSE NANOCRYSTALS**  
[54] **MODIFICATION DE LA SURFACE DE NANOCRISTAUX CELLULOSIQUES**  
[72] CRANSTON, EMILY, CA  
[72] HU, ZHEN, CA  
[71] MCMASTER UNIVERSITY, CA  
[22] 2015-06-22  
[41] 2015-12-20  
[30] US (62/014,740) 2014-06-20

[21] **2,895,304**  
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 21/64 (2013.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MANAGING DATA INTEGRITY IN ELECTRONIC DATA STORAGE**  
[54] **SYSTEME ET METHODE DE GESTION DE L'INTEGRITE DES DONNEES DANS UN DISPOSITIF DE STOCKAGE ELECTRONIQUE DE DONNEES**  
[72] YACH, DAVID, CA  
[72] MORIN, MARC, CA  
[72] HOFF, ALEXANDER, CA  
[72] CHERRY, JAMES ANDREW, CA  
[72] BROWN, MICHAEL STEPHEN, CA  
[72] MCGARRY, ALEXANDER, CA  
[71] AUVIK NETWORKS INC., CA  
[22] 2015-06-23  
[41] 2015-12-23  
[30] US (62/015,804) 2014-06-23  
[30] US (62/016,140) 2014-06-24

[21] **2,895,320**  
[13] A1

[51] **Int.Cl. C09K 8/64 (2006.01) C09K 8/32 (2006.01) E21B 43/26 (2006.01)**  
[25] EN  
[54] **METHOD OF REDUCING FRICTIONAL LOSSES IN OIL AND GAS WELL DRILLING**  
[54] **METHODE DE REDUCTION DE PERTES PAR FRICTION DESTINEE AU FORAGE DE Puits DE PETROLE ET DE GAZ**  
[72] MIRZAEL, AMIR A., CA  
[72] RAD, HIRBOD, CA  
[71] MIRZAEL, AMIR A., CA  
[71] RAD, HIRBOD, CA  
[22] 2015-06-18  
[41] 2015-12-20  
[30] CA (2,854,748) 2014-06-20  
[30] US (62/015,080) 2014-06-20

**Demandes canadiennes mises à la disponibilité du public**  
**20 décembre 2015 au 26 décembre 2015**

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[21] **2,895,366**  
[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR AUTHENTICATING USER IDENTIFIES IN NETWORKED COMPUTER SYSTEM**

[54] **MECANISMES ET METHODES D'AUTHENTIFICATION D'IDENTITE UTILISATEUR DANS LES SYSTEMES INFORMATIQUES EN RESEAU**

[72] SIVASHANMUGAM, PRABAHARAN, US  
[72] VAN HEERDEN, LAUREN, US  
[72] CUMMINS, MICHAEL D., CA  
[72] DEL VECCHIO, ORIN, CA  
[72] NADARAJAH, GUNALAN, CA  
[72] LOUNSBURY, EDWARD, CA  
[72] CHAN, PAUL MON-WAH, CA  
[72] BARNETT, JONATHAN K., CA  
[72] METWALLI, ASHRAF, CA  
[72] DANIELAK, JAKUB, CA  
[71] THE TORONTO-DOMINION BANK, CA  
[22] 2015-06-23  
[41] 2015-12-23  
[30] US (62/016,012) 2014-06-23  
[30] US (62/016,017) 2014-06-23

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[21] **2,895,376**  
[13] A1

[51] **Int.Cl. E05F 15/59 (2015.01) E05D 7/00 (2006.01) E05D 15/16 (2006.01) E06B 3/44 (2006.01)**  
[25] EN  
[54] **OVERHEAD DOOR AND FRAME ASSEMBLY**

[54] **ENSEMBLE DE CADRE ET DE PORTE ESCAMOTABLE AU PLAFOND**

[72] SCHWEISS, MICHAEL L., US  
[71] SCHWEISS, MICHAEL L., US  
[22] 2015-06-26  
[41] 2015-12-26  
[30] US (61/998,361) 2014-06-26

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[21] **2,895,377**  
[13] A1

[51] **Int.Cl. B01D 27/08 (2006.01)**  
[25] EN  
[54] **FILTER CARTRIDGE HAVING DOUBLE THREADS**

[54] **CARTOUCHE DE FILTRE A TISSAGE DOUBLE**

[72] LIN, JACK, CN  
[72] QIAN, YU CUI, CN  
[72] CHEN, PENG, CN  
[71] KEMFLO (NANJING) ENVIRONMENTAL TECHNOLOGY CO., LTD., CN  
[71] KEMFLO INTERNATIONAL CO., LTD., TW  
[71] LIN, CHING SHIUNG, TW  
[22] 2015-06-23  
[41] 2015-12-25  
[30] CN (201420341364.1) 2014-06-25

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[21] **2,895,388**  
[13] A1

[51] **Int.Cl. H05K 7/20 (2006.01) H05K 7/10 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR PASSIVE COOLING OF COMPONENTS WITHIN ELECTRICAL DEVICES**

[54] **APPAREILS ET METHODES DE REFROIDISSEMENT PASSIF DE COMPOSANTS DANS LES DISPOSITIFS ELECTRONIQUES**

[72] TATTA, ANTHONY DOMINIC, US  
[72] VILAGY, JONATHAN, US  
[72] PETERSON, CRAIG ANDREW, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2015-06-25  
[41] 2015-12-26  
[30] US (14/316,575) 2014-06-26

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[21] **2,895,409**  
[13] A1

[51] **Int.Cl. F23R 3/00 (2006.01) F01D 25/08 (2006.01) F01D 25/12 (2006.01) F02C 7/12 (2006.01) F02C 7/24 (2006.01) F23R 3/42 (2006.01)**  
[25] EN  
[54] **CONICAL-FLAT HEAT SHIELD FOR GAS TURBINE ENGINE COMBUSTOR DOME**

[54] **ECRAN THERMOPROTECTEUR PLAT CONIQUE POUR DOME DE COMBUSTOR DE TURBINE A GAZ**

[72] ELKADY, AHMED MOSTAFA, US  
[72] DANIS, ALLEN MICHAEL, US  
[72] ROBERSON, ERIC MATTHEW, US  
[72] MUELLER, MARK ANTHONY, US  
[72] MOERTLE, GEORGE, US  
[72] LI, SHUI-CHI, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2015-06-25  
[41] 2015-12-26  
[30] US (62/017,472) 2014-06-26

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[21] **2,895,438**  
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MANAGING OR DISTRIBUTING PROMOTIONAL OFFERS**

[54] **SYSTEME ET PROCEDE DE GESTION OU DISTRIBUTION D'OFFRES PROMOTIONNELLES**

[72] CHEVRIER, MARIE-PIER, CA  
[72] DITTMAR, CHRISTIAN, DE  
[71] THE SAMPLER APP INC., CA  
[22] 2015-06-25  
[41] 2015-12-24  
[30] US (62/016,461) 2014-06-24

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[21] **2,895,449**  
[13] A1

[51] **Int.Cl. G01B 11/25 (2006.01) G01B 11/245 (2006.01) G06T 17/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR FREQUENCY-BASED 3D RECONSTRUCTION OF OBJECTS**

[54] **SYSTEME ET METHODE DE RECONSTRUCTION 3D D'OBJETS FONDEE SUR LA FREQUENCE**

[72] YANG, HERBERT, CA

[72] LIU, DING, CA

[72] CHEN, XIDA, CA

[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA

[22] 2015-06-23

[41] 2015-12-23

[30] US (62/015907) 2014-06-23

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[21] **2,895,450**  
[13] A1

[51] **Int.Cl. A62C 27/00 (2006.01)**

[25] EN

[54] **CONTROL SYSTEM AND METHOD FOR CONTROLLING THE MOVEMENT OF AN AERIAL APPARATUS**

[54] **DISPOSITIF DE COMMANDE ET METHODE DE COMMANDE DU MOUVEMENT D'UN APPAREIL AERIEN**

[72] KARREMANN, MARTIN, US

[71] IVECO MAGIRUS AG, DE

[22] 2015-06-23

[41] 2015-12-25

[30] EP (14173886.4) 2014-06-25

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[21] **2,895,454**  
[13] A1

[51] **Int.Cl. H04W 8/00 (2009.01) H04W 12/00 (2009.01) H04W 84/10 (2009.01)**

[25] EN

[54] **PERSONAL AREA NETWORK SYSTEM AND METHOD**

[54] **SYSTEME DE RESEAU D'ESPACE PERSONNEL ET METHODE**

[72] HILLIER, PETER MATTHEW, CA

[72] HILLIER, KATAYOUN, CA

[71] MITEL NETWORKS CORPORATION, CA

[22] 2015-06-23

[41] 2015-12-25

[30] US (14/315117) 2014-06-25

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[21] **2,895,455**  
[13] A1

[51] **Int.Cl. H04W 4/24 (2009.01) H04W 76/02 (2009.01) H04W 88/06 (2009.01) G06Q 30/02 (2012.01)**

[25] EN

[54] **MOBILE ELECTRONIC COMMUNICATIONS WITH GRACE PERIOD**

[54] **COMMUNICATIONS ELECTRONIQUES MOBILES COMPORTANT UNE PERIODE DE GRACE**

[72] TING, DEREK, CA

[72] WONG, RICH, US

[72] HUNTINGTON, TRISTAN, CA

[71] ENFLICK INC., CA

[22] 2015-06-23

[41] 2015-12-25

[30] US (62/016829) 2014-06-25

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[21] **2,895,484**  
[13] A1

[51] **Int.Cl. C08J 3/24 (2006.01) C08J 9/04 (2006.01) C08L 25/00 (2006.01)**

[25] EN

[54] **REVERSIBLY CROSS-LINKABLE RESIN**

[54] **RESINE RETICULABLE DE MANIERE REVERSIBLE**

[72] GAWRYLA, MATTHEW DANIEL, US

[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US

[22] 2015-06-23

[41] 2015-12-24

[30] US (62/016,233) 2014-06-24

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[21] **2,895,497**  
[13] A1

[51] **Int.Cl. G01N 15/08 (2006.01)**

[25] EN

[54] **A CHARACTERIZATION METHOD FOR A RESERVOIR MICRO PORE STRUCTURE AND A SYSTEM THEREOF**

[54] **UNE METHODE DE CARACTERISATION D'UNE STRUCTURE MICROPOREUSE DE RESERVOIR ET APPAREIL CONNEXE**

[72] LI, JIANMING, CN

[72] JIN, XU, CN

[72] WANG, XIAOQI, CN

[71] PETROCHINA COMPANY LIMITED, CN

[22] 2015-06-23

[41] 2015-12-24

[30] CN (201410287262.0) 2014-06-24

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[21] **2,895,505**  
[13] A1

[51] **Int.Cl. E21B 12/06 (2006.01) E21B 23/08 (2006.01)**

[25] EN

[54] **DRIFTING SYSTEM**

[54] **SYSTEME DE DERIVE**

[72] RASTEGAR, GHOLAM HOSSEIN, AU

[71] SCHOELLER-BLECKMANN OILFIELD EQUIPMENT AG, AT

[22] 2015-06-23

[41] 2015-12-24

[30] GB (1411202.3) 2014-06-24

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[21] **2,895,510**  
[13] A1

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

[25] EN

[54] **HEAVY METAL RECOVERY SYSTEM AND APPARATUS**

[54] **SYSTEME ET APPAREIL DE RECUPERATION DE METAUX LOURDS**

[72] DIETRICH, BRANDON V., US

[71] DIETRICH, BRANDON V., US

[22] 2015-06-23

[41] 2015-12-25

[30] US (62/016978) 2014-06-25

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[21] **2,895,518**  
[13] A1

[51] **Int.Cl. H04W 40/04 (2009.01) H04W 4/14 (2009.01) H04W 80/10 (2009.01) H04W 88/06 (2009.01) H04W 4/24 (2009.01)**

[25] EN

[54] **MOBILE ELECTRONIC COMMUNICATIONS USING INTERNET PROTOCOL**

[54] **COMMUNICATIONS ELECTRONIQUES MOBILES EMPLOYANT UN PROTOCOLE INTERNET**

[72] TING, DEREK, CA

[72] LERNER, JONATHAN, US

[71] ENFLICK INC., CA

[22] 2015-06-23

[41] 2015-12-25

[30] US (14/314209) 2014-06-25

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[21] **2,895,520**  
[13] A1

[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/20 (2012.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR AUTHENTICATING USER IDENTITIES IN NETWORKED COMPUTER SYSTEMS**  
[54] **MECANISMES ET METHODES D'AUTHEMIFICATION D'IDENTITE UTILISATEUR DANS LES SYSTEMES INFORMATIQUES EN RESEAU**  
[72] SIVASHANMUGAM, PRABAHARAN, US  
[72] VA HEERDEN, LAUREN, US  
[72] CUMMINS, MICHAEL D., CA  
[72] DEL VECCHIO, ORIN, CA  
[72] NADARAJAH, GUNALAN, CA  
[72] LOUNSBURY, EDWARD, CA  
[72] CHAN, PAUL MON-WAH, CA  
[72] BARNETT, JONATHAN K., CA  
[72] METWALLI, ASHRAF, CA  
[72] DANIELAK, JAKUB, CA  
[71] THE TORONTO-DOMINION BANK, CA  
[22] 2015-06-23  
[41] 2015-12-23  
[30] US (62/016,012) 2014-06-23  
[30] US (62/016,017) 2014-06-23

[21] **2,895,531**  
[13] A1

[51] **Int.Cl. F01D 11/24 (2006.01) F01D 11/08 (2006.01) F01D 25/24 (2006.01) F02C 7/18 (2006.01)**  
[25] EN  
[54] **GAS TURBINE ENGINE SPRING MOUNTED MANIFOLD**  
[54] **COLLECTEUR FIXE PAR RESSORT POUR TURBINE A GAZ**  
[72] DAY, CHRISTOPHE JUDE, US  
[72] PORANSKI, CHRISTOPHER FRANCIS, US  
[72] THOMPSON, JAMES EDWARD, US  
[72] LAUBENTHAL, JEFFREY SCOTT, US  
[72] MAZUK, JAMES L., US  
[72] SMITH, VERNON LEROY, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2015-06-23  
[41] 2015-12-24  
[30] US (62/016,234) 2014-06-24  
[30] US (14/709,732) 2015-05-12

[21] **2,895,545**  
[13] A1

[51] **Int.Cl. H01H 83/00 (2006.01) H02S 40/32 (2014.01) H02S 50/10 (2014.01) H02H 3/033 (2006.01)**  
[25] EN  
[54] **ARC FAULT DETECTION AND EXTINGUISHING**  
[54] **DETECTION DE DEFAUT D'ARC ET EXTINCTION**  
[72] NICOLESCU, ALEXANDRU DORIN, CA  
[72] ORR, RAYMOND KENNETH, CA  
[71] SOLANTRO SEMICONDUCTOR CORP., CA  
[22] 2015-06-23  
[41] 2015-12-26  
[30] US (14/316,477) 2014-06-26

[21] **2,895,549**  
[13] A1

[51] **Int.Cl. G01V 1/30 (2006.01) E21B 49/00 (2006.01) E21B 43/26 (2006.01)**  
[25] EN  
[54] **FRACTURING AND REACTIVATED FRACTURE VOLUMES**  
[54] **FRACTURATION ET VOLUMES DE FRACTURE REACTIVEE**  
[72] GARCIA-TEIJEIRO, XAVIER, GB  
[72] KOUTSABELOULIS, NIKOLAOS CONSTANTINOS, GB  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2015-06-23  
[41] 2015-12-25  
[30] US (62/017,010) 2014-06-25  
[30] US (14/723,148) 2015-05-27

[21] **2,895,554**  
[13] A1

[51] **Int.Cl. E04F 13/22 (2006.01) E04B 1/41 (2006.01)**  
[25] EN  
[54] **THERMAL WALL ANCHOR**  
[54] **ANCRAGE MURAL THERMIQUE**  
[72] HOHMANN, RONALD P., JR., US  
[71] MITEK HOLDINGS, INC., US  
[22] 2015-06-23  
[41] 2015-12-24  
[30] US (14/313,689) 2014-06-24

[21] **2,895,560**  
[13] A1

[51] **Int.Cl. H01H 9/16 (2006.01) H01H 45/08 (2006.01)**  
[25] EN  
[54] **SWITCHING ARRANGEMENT**  
[54] **DISPOSITIF DE COMMUTATION**  
[72] KOCH, HARRY, DE  
[72] KROEKER, MATTHIAS, DE  
[72] LINDNER, CHRISTIAN, DE  
[71] TYCO ELECTRONICS AMP GMBH, DE  
[22] 2015-06-23  
[41] 2015-12-25  
[30] DE (102014212132.9) 2014-06-25

[21] **2,895,562**  
[13] A1

[51] **Int.Cl. A61L 2/04 (2006.01) A23L 3/16 (2006.01) A61K 8/02 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR THE PREPARATION AND STERILIZATION OF VISCOUS PRODUCTS CONTAINING TEMPERATURE SENSITIVE COMPOUNDS**  
[54] **APPAREIL ET METHODE DE PREPARATION ET STERILISATION DE PRODUITS VISQUEUX RENFERMENT DES COMPOSES SENSIBLES A LA TEMPERATURE**  
[72] MARES, PHILIPPE, FR  
[72] COELHO, GIL, FR  
[71] SPX APV DANMARK A/S, DK  
[22] 2015-06-23  
[41] 2015-12-25  
[30] EP (14 306 004.4) 2014-06-25

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[13] A1

[51] **Int.Cl. H01Q 13/28 (2006.01) E21B 36/00 (2006.01) E21B 43/24 (2006.01)**  
[25] EN  
[54] **SYSTEM FOR EXTRACTION OF HYDROCARBONS UNDERGROUND**  
[54] **APPAREIL D'EXTRACTION D'HYDROCARBURES SOUTERRAINS**  
[72] OKONIEWSKI, MICHAL, US  
[72] PASALIC, DARNIR, US  
[72] VACA, PEDRO, US  
[72] DIECKMANN, GUNTHER HANS, US  
[72] KUEHNE, DONALD LEROY, US  
[72] VIGIL, MIGUEL, US  
[72] STORSLETT, STEIN J., US  
[71] CHEVRON U.S.A. INC., US  
[22] 2015-06-23  
[41] 2015-12-23  
[30] US (62/015745) 2014-06-23

[21] **2,895,614**  
[13] A1

[51] **Int.Cl. B65D 83/14 (2006.01)**  
[25] EN  
[54] **PLASTIC BEER KEG**  
[54] **BARIL DE BIERE EN PLASTIQUE**  
[72] APPS, WILLIAM P., US  
[71] REHRIG PACIFIC COMPANY, US  
[22] 2015-06-23  
[41] 2015-12-23  
[30] US (62/015,733) 2014-06-23

[21] **2,895,615**  
[13] A1

[51] **Int.Cl. A47C 21/04 (2006.01)**  
[25] EN  
[54] **ACTIVE THERMAL MATTRESS**  
[54] **MATELAS THERMIQUE ACTIF**  
[72] GOLIN, MICHAEL A., US  
[72] DEFRANKS, MICHAEL S., US  
[71] DREAMWELL, LTD., US  
[22] 2015-06-22  
[41] 2015-12-23  
[30] US (62/015,723) 2014-06-23

[21] **2,895,620**  
[13] A1

[51] **Int.Cl. G01J 3/443 (2006.01)**  
[25] EN  
[54] **TELECENTRIC, WIDE-FIELD FLUORESCENCE SCANNING SYSTEMS AND METHODS**  
[54] **APPAREIL A BALAYAGE DE FLUORESCENCE TELECENTRIQUE A LARGE CHAMP ET METHODES**  
[72] BOUZID, AHMED, US  
[71] LI-COR, INC., US  
[22] 2015-06-22  
[41] 2015-12-23  
[30] US (14/312,409) 2014-06-23

[21] **2,895,624**  
[13] A1

[51] **Int.Cl. G06F 17/10 (2006.01) G06F 17/16 (2006.01)**  
[25] EN  
[54] **DETECTING AN EVENT FROM TIME-SERIES DATA SEQUENCES**  
[54] **DETECTION D'UN EVENEMENT DANS UNE SEQUENCE DE DONNEES TEMPORELLES**  
[72] HASSAN, EHTESHAM, IN  
[72] AGARWAL, PUNEET, IN  
[72] SHROFF, GAUTAM, IN  
[71] TATA CONSULTANCY SERVICES LIMITED, IN  
[22] 2015-06-25  
[41] 2015-12-26  
[30] IN (2074/MUM/2014) 2014-06-26

[21] **2,895,661**  
[13] A1

[51] **Int.Cl. F41A 3/26 (2006.01) F41A 3/66 (2006.01)**  
[25] EN  
[54] **HANDGUN**  
[54] **ARME DE POING**  
[72] CONLE, HENNING, CH  
[71] CONLE, HENNING, CH  
[22] 2015-06-25  
[41] 2015-12-26  
[30] AT (A 507/2014) 2014-06-26

[21] **2,895,664**  
[13] A1

[51] **Int.Cl. A01D 41/12 (2006.01) A01D 75/00 (2006.01)**  
[25] EN  
[54] **DRAPER PLATFORM WITH CENTER SECTION AND LATERAL SECTIONS ARRANGED LATERALLY TO THE CENTER SECTION**  
[54] **TABLIER DOTE D'UNE SECTION CENTRALE ET DE SECTIONS LATERALES DISPOSEES LATERALEMENT PAR RAPPORT A LA SECTION CENTRALE**  
[72] SCHULZE SELTING, STEPHAN, DE  
[72] WEBERMANN, DIRK, DE  
[72] SCHULZE RUCKAMP, JAN BERND, DE  
[72] SUDHUES, STEFFEN, DE  
[72] POKRIEFKE, MICHAEL, DE  
[71] CARL GERINGHOFF GMBH & CO. KG, DE  
[22] 2015-06-25  
[41] 2015-12-25  
[30] DE (10 2014 009 156.2) 2014-06-25

[21] **2,895,666**  
[13] A1

[51] **Int.Cl. A01D 41/12 (2006.01) A01D 41/06 (2006.01) A01D 47/00 (2006.01)**  
[25] EN  
[54] **COMBINE HEADER WITH SUPPORT WHEELS**  
[54] **BEC CUEILLEUR DE MOISSONNEUSE DOTE DE ROUES DE SOUTIEN**  
[72] SCHULZE SELTING, STEPHAN, DE  
[72] WEBERMANN, DIRK, DE  
[72] ALBINGER, BERND, DE  
[72] TIESSEN, REIMER, DE  
[71] CARL GERINGHOFF GMBH & CO. KG, DE  
[22] 2015-06-25  
[41] 2015-12-25  
[30] DE (10 2014 009 158.9) 2014-06-25

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[13] A1

[51] **Int.Cl. A45F 3/04 (2006.01) A45F 3/02 (2006.01)**  
[25] EN  
[54] **BACKPACK WITH IMPROVED ACCESS OPENING**  
[54] **SAC A DOS AVEC OUVERTURE D~ACCES AMELIORE**  
[72] ROWE, MICHAEL D., US  
[72] LORENZ, MICHAEL A., US  
[72] AFRICA, THOMAS J., US  
[71] ACCO BRANDS CORPORATION, US  
[22] 2015-06-26  
[41] 2015-12-26  
[30] US (62/017,506) 2014-06-26

[21] **2,895,724**  
[13] A1

[51] **Int.Cl. H02G 15/08 (2006.01) H01R 4/30 (2006.01)**  
[25] EN  
[54] **ELBOW WITH INTERNAL ASSEMBLY SYSTEM**  
[54] **COUDE AVEC SYSTEME D~ASSEMBLAGE INTERNE**  
[72] SIEBENS, LARRY NORMAN, US  
[71] THOMAS & BETTS INTERNATIONAL, LLC, US  
[22] 2015-06-25  
[41] 2015-12-26  
[30] US (62/017,531) 2014-06-26

[21] **2,895,729**  
[13] A1

[51] **Int.Cl. B22F 5/10 (2006.01) B22F 3/16 (2006.01) F01D 9/02 (2006.01) F01D 25/12 (2006.01)**  
[25] EN  
[54] **SHROUD SEGMENT AND METHOD OF MANUFACTURING**  
[54] **SEGMENT DE CARENAGE ET METHODE DE FABRICATION**  
[72] SCALZO, ORLANDO, CA  
[72] CAMPOMANES, MARC, CA  
[72] HOSKING, ERIC, CA  
[72] BOUTHILLIER, ALAIN, CA  
[71] PRATT & WHITNEY CANADA CORP., CA  
[22] 2015-06-25  
[41] 2015-12-25  
[30] US (14/314,233) 2014-06-25

[21] **2,895,753**  
[13] A1

[51] **Int.Cl. H01J 27/18 (2006.01)**  
[25] EN  
[54] **ANTENNA ARRANGEMENT**  
[54] **STRUCTURE D~ANTENNE**  
[72] STAUBER, SIEGFRIED, CH  
[71] AMPASS-EXPLORER CORP., VG  
[22] 2015-06-23  
[41] 2015-12-26  
[30] EP (14174557.0) 2014-06-26

[21] **2,895,795**  
[13] A1

[51] **Int.Cl. G01V 3/12 (2006.01) G01N 23/20 (2006.01)**  
[25] EN  
[54] **ON-BODY CONCEALED WEAPON DETECTION SYSTEM**  
[54] **SYSTEME DE DETECTION D~ARME CACHEE SUR LE CORPS**  
[72] NIKOLOVA, NATALIA K., CA  
[72] MCCOMBE, JUSTIN J., CA  
[71] MCMASTER UNIVERSITY, CA  
[22] 2015-06-26  
[41] 2015-12-26  
[30] US (62/017,410) 2014-06-26

[21] **2,895,803**  
[13] A1

[51] **Int.Cl. E04D 13/03 (2006.01) E04B 7/18 (2006.01) E04D 13/14 (2006.01)**  
[25] EN  
[54] **SUPPORT STRUCTURE FOR USE ON ROOF**  
[54] **STRUCTURE DE SOUTIEN POUR UTILISATION SUR UN TOIT**  
[72] PENDLEY, TIMOTHY, US  
[72] MCLAIN, MICHAEL J., US  
[71] T&M INVENTIONS, LLC, US  
[22] 2015-06-26  
[41] 2015-12-26  
[30] US (14/316,762) 2014-06-26  
[30] US (14/316,751) 2014-06-26  
[30] US (14/316,743) 2014-06-26

[21] **2,895,850**  
[13] A1

[51] **Int.Cl. E05C 3/16 (2006.01)**  
[25] EN  
[54] **LATCH MECHANISM FOR AN EXIT DEVICE**  
[54] **MECANISME DE VERROUILLAGE POUR UN DISPOSITIF DE SORTIE**  
[72] CORWIN, LARRY GENE, JR., US  
[71] HANCHETT ENTRY SYSTEMS, INC., US  
[22] 2015-06-26  
[41] 2015-12-26  
[30] US (62/017,372) 2014-06-26

[21] **2,895,889**  
[13] A1

[51] **Int.Cl. E06B 7/14 (2006.01) E02D 31/02 (2006.01)**  
[25] EN  
[54] **WINDOW WELL DRAINAGE SYSTEM FOR DRAINING SURFACE WATER RUNOFF AND METHOD FOR PERFORMING THE SAME**  
[54] **SYSTEME DE DRAINAGE POUR MUR D~ENCADREMENT POUR SOUPIRAIL PERMETTANT LE DRAINAGE DES EAUX DE RUISSELLEMENT DE SURFACE ET PROCEDE D~EXECUTION DE CELUI-CI**  
[72] QUIRION, JACQUES, CA  
[71] GESTION JACQUES QUIRION INC., CA  
[22] 2015-06-26  
[41] 2015-12-26  
[30] US (62/017,572) 2014-06-26

[21] **2,910,181**  
[13] A1

[51] **Int.Cl. B65G 27/00 (2006.01) F26B 17/02 (2006.01) F26B 17/04 (2006.01)**  
[25] EN  
[54] **FLUID REMOVAL SYSTEM**  
[54] **SYSTEME DE RETRAIT DE FLUIDE**  
[72] MACDONALD, JEFFERY RAYMOND, CA  
[72] MCINTOSH, MORGAN HORACE JOHN, CA  
[72] KELLEY, STEVEN RANDALL, CA  
[72] MCARTHUR, REX STACEY, US  
[71] CMP SYSTEMS, INC., CA  
[22] 2015-10-26  
[41] 2015-12-21  
[30] US (62/160,399) 2015-05-12

# PCT Applications Entering the National Phase

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[13] A1

[51] **Int.Cl. H04W 76/02 (2009.01) H04W 68/00 (2009.01)**

[25] EN

[54] **ACCESS NETWORK DEVICE AND COMMUNICATION METHOD**

[54] **DISPOSITIF DE RESEAU D'ACCES ET METHODE DE COMMUNICATION**

[72] XI, QINGHUA, CN

[72] LI, MING, CN

[72] DONG, WEIWEI, CN

[71] HUAWEI TECHNOLOGIES CO., LTD., CN

[85] 2015-06-25

[86] 2014-06-24 (PCT/CN2014/080636)

[87] (2895599)

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[21] **2,899,253**  
[13] A1

[51] **Int.Cl. G09G 5/06 (2006.01) H04N 5/262 (2006.01)**

[25] EN

[54] **TONING MONITOR, TONING SYSTEM AND TONING METHOD**

[54] **MONITEUR DE VIRAGE, SYSTEME DE VIRAGE ET METHODE DE VIRAGE**

[72] WANG, ZUNZHENG, CN

[71] SZ ZUNZHENG DIGITAL VIDEO CO., LTD., CN

[85] 2015-07-30

[86] 2014-06-20 (PCT/CN2014/080427)

[87] (2899253)

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[21] **2,904,493**  
[13] A1

[51] **Int.Cl. A61K 38/05 (2006.01) A61K 36/48 (2006.01) A61P 19/06 (2006.01)**

[25] EN

[54] **URIC ACID-LOWERING AGENT**

[54] **AGENT ABAISSANT LE TAUX D'ACIDE URIQUE**

[72] SUZUKI, TOSHIHIDE, JP

[72] FUKIZAWA, SHINYA, JP

[72] BEPPU, YOSHINORI, JP

[72] WATANABE, HIROSHI, JP

[71] SUNTORY HOLDINGS LIMITED, JP

[85] 2015-09-15

[86] 2014-06-20 (PCT/JP2014/066424)

[87] (2904493)

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[21] **2,908,105**  
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01) C07H 21/00 (2006.01) A61P 27/02 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**

[25] EN

[54] **MODIFIED TGF-BETA2 OLIGONUCLEOTIDES**

[54] **OLIGONUCLEOTIDES DE TGF-BETA2 MODIFIES**

[72] JASCHINSKI, FRANK, DE

[72] JANICOT, MICHEL, BE

[72] UHLMANN, EUGEN, DE

[71] ISARNA THERAPEUTICS GMBH, DE

[85] 2015-09-25

[86] 2014-03-27 (PCT/EP2014/056232)

[87] (WO2014/154843)

[30] EP (13161474.5) 2013-03-27

[30] EP (13173078.0) 2013-06-20

[30] EP (13199838.7) 2013-12-30

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[21] **2,908,593**  
[13] A1

[51] **Int.Cl. C07K 7/08 (2006.01) A61K 38/10 (2006.01)**

[25] EN

[54] **NOVEL .ALPHA.4.BETA.7 PEPTIDE DIMER ANTAGONISTS**

[54] **NOUVEAUX ANTAGONISTES DIMERES PEPTIDIQUES DE L'.ALPHA.4.BETA.7**

[72] BHANDARI, ASHOK, US

[72] PATEL, DINESH V., US

[72] MATTHEAKIS, LARRY C., US

[71] PROTAGONIST THERAPEUTICS, INC., US

[85] 2015-10-01

[86] 2014-03-31 (PCT/US2014/032391)

[87] (WO2014/165448)

[30] US (61/807,714) 2013-04-02

[30] US (14/229,784) 2014-03-28

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[13] A1

[51] **Int.Cl. A61K 47/32 (2006.01) A61K 47/30 (2006.01)**

[25] EN

[54] **POLYPLEXES**

[54] **POLYPLEXES**

[72] DUVALL, CRAIG, US

[72] EVANS, BRIAN CONNOR, US

[72] BROPHY, COLLEEN, US

[72] HOCKING, KYLE, US

[71] VANDERBILT UNIVERSITY, US

[85] 2015-11-03

[86] 2014-04-11 (PCT/US2014/033873)

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[30] US (61/811,078) 2013-04-11

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[13] A1

[51] **Int.Cl. G03B 17/56 (2006.01) F16M 11/06 (2006.01) F16M 13/02 (2006.01)**  
[25] EN  
[54] **APPARATUS, SYSTEMS AND METHODS FOR SUPPORTING A TABLET DEVICE USED WITH A CAMERA**  
[54] **APPAREILLAGE, SYSTEMES ET PROCEDES DE SOUTIEN D'UN DISPOSITIF DE TABLETTE UTILISE AVEC UN APPAREIL PHOTO**  
[72] SLATER, DAVID, CA  
[71] SLATER, DAVID, CA  
[85] 2015-09-28  
[86] 2014-04-01 (PCT/IB2014/060348)  
[87] (WO2014/162260)  
[30] US (61/807,917) 2013-04-03  
[30] US (61/847,248) 2013-07-17

[21] **2,912,902**  
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01)**  
[25] EN  
[54] **POLYMORPHIC FORMS OF NILOTINIB HYDROCHLORIDE**  
[54] **FORMES POLYMORPHIQUES DE CHLORHYDRATE DE NILOTINIB**  
[72] PEDDY, VISHWESHWAR, IN  
[72] CHENNURU, RAMANAIAH, IN  
[72] RAMAKRISHNAN, SRIVIDYA, IN  
[71] DR. REDDY'S LABORATORIES LIMITED, IN  
[85] 2015-10-23  
[86] 2014-04-23 (PCT/IB2014/060935)  
[87] (WO2014/174456)  
[30] IN (1795/CHE/2013) 2013-04-24

[21] **2,913,267**  
[13] A1

[51] **Int.Cl. B01J 8/00 (2006.01) B01D 3/00 (2006.01) E04H 5/02 (2006.01) F25J 3/04 (2006.01)**  
[25] EN  
[54] **MANUFACTURING YARD**  
[54] **COUR DE FABRICATION**  
[72] HARDY, YVES, CA  
[72] BROMET, EMMANUELLE, FR  
[72] ROY, JEAN, CA  
[72] GRIGOLETTO, PHILIPPE, FR  
[72] LI, QUN-FANG, CN  
[72] FERRIERE, HERVE, FR  
[72] MADE, SYLVAIN, CA  
[72] GRANGER, CLAUDE, CA  
[71] L'AIR LIQUIDE - SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR  
[85] 2015-11-23  
[86] 2014-05-22 (PCT/IB2014/001937)  
[87] (WO2014/195807)  
[30] US (61/827,103) 2013-05-24  
[30] US (61/827,096) 2013-05-24  
[30] US (61/921,164) 2013-12-27

[21] **2,913,495**  
[13] A1

[51] **Int.Cl. F17C 13/04 (2006.01) G05D 16/20 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MANAGING FLUID SUPPLY IN A PROCESS CONTROL SYSTEM**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE GERER L'ALIMENTATION EN FLUIDE DANS UN SYSTEME DE COMMANDE DE TRAITEMENT**  
[72] MUIR, GORDON CAMERON, US  
[71] TESCOM CORPORATION, US  
[85] 2015-11-24  
[86] 2014-06-03 (PCT/US2014/040606)  
[87] (WO2014/197424)  
[30] US (61/830,574) 2013-06-03

[21] **2,913,597**  
[13] A1

[51] **Int.Cl. B65D 85/804 (2006.01)**  
[25] EN  
[54] **SINGLE SERVE CAPSULE HAVING A LIQUID DISTRIBUTOR**  
[54] **CAPSULE DE DOSAGE POURVUE D'UN DISTRIBUTEUR DE LIQUIDE**  
[72] EMPL, GUNTER, DE  
[72] KRUGER, MARC, DE  
[71] K-FEE SYSTEM GMBH, DE  
[85] 2015-11-25  
[86] 2014-05-27 (PCT/EP2014/060954)  
[87] (WO2014/191413)  
[30] DE (10 2013 210 031.0) 2013-05-29  
[30] DE (10 2013 225 779.1) 2013-12-12  
[30] DE (10 2014 100 689.5) 2014-01-22

[21] **2,914,244**  
[13] A1

[51] **Int.Cl. E21B 34/14 (2006.01) E21B 34/00 (2006.01)**  
[25] EN  
[54] **PROTECTIVE SLEEVE FOR BALL ACTIVATED DEVICE**  
[54] **GAINE PROTECTRICE DESTINEE A UN DISPOSITIF ACTIVE PAR UNE BILLE**  
[72] BRAEKKE, KRISTOFFER, NO  
[72] ANTONSEN, ROGER, US  
[71] TRICAN COMPLETION SOLUTIONS AS, NO  
[85] 2015-12-01  
[86] 2014-06-06 (PCT/NO2014/050096)  
[87] (WO2014/196872)  
[30] NO (20130792) 2013-06-06

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[13] A1

[51] **Int.Cl. B29C 45/16 (2006.01) B29B 11/08 (2006.01) B29C 45/26 (2006.01) B29C 49/22 (2006.01)**

[25] EN

[54] **PREFORM INJECTION MOLDING DEVICE**

[54] **DISPOSITIF DE MOULAGE PAR INJECTION DE PREFORMES**

[72] TOYODA, TAMOTSU, JP

[72] HOSOKOSHIYAMA, HIROSHI, JP

[72] SATO, MAMORU, JP

[72] ISHIZAWA, YASUHIRO, JP

[71] YOSHINO KOGYOSHO CO., LTD., JP

[85] 2015-12-03

[86] 2014-05-15 (PCT/JP2014/002566)

[87] (WO2014/207986)

[30] JP (2013-137102) 2013-06-28

[30] JP (2013-137105) 2013-06-28

[30] JP (2013-137108) 2013-06-28

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[21] **2,914,464**  
[13] A1

[51] **Int.Cl. C22C 38/00 (2006.01) B21D 22/20 (2006.01) C21D 1/18 (2006.01) C21D 9/00 (2006.01) C21D 9/46 (2006.01) C22C 38/58 (2006.01) C25D 5/26 (2006.01)**

[25] EN

[54] **HOT-STAMPED MOLDED BODY, AND METHOD FOR PRODUCING HOT STAMP MOLDED BODY**

[54] **PRODUIT ESTAMPE A CHAUD ET PROCEDE POUR LA PRODUCTION D'UN PRODUIT ESTAMPE A CHAUD**

[72] AKIBA, KOJIRO, JP

[72] KONDO, YUSUKE, JP

[72] KIKUCHI, YOSHITAKA, JP

[72] KATO, SATOSHI, JP

[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2015-12-03

[86] 2014-06-06 (PCT/JP2014/065113)

[87] (WO2014/199923)

[30] JP (2013-122351) 2013-06-11

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[21] **2,914,469**  
[13] A1

[51] **Int.Cl. E02D 7/00 (2006.01)**

[25] EN

[54] **APPARATUS AND METHODS FOR PIPE PILING PLACEMENT**

[54] **APPAREIL ET PROCEDES DE BATTAGE DE PIEUX TUBULAIRES**

[72] SUVER, PAUL W., US

[71] AMERICAN PILEDIVING EQUIPMENT, INC., US

[85] 2015-12-03

[86] 2013-06-14 (PCT/US2013/045866)

[87] (WO2014/035529)

[30] US (13/594,839) 2012-08-26

[30] US (61/831,535) 2013-06-05

[30] US (61/831,554) 2013-06-05

[30] US (13/917,132) 2013-06-13

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[21] **2,914,472**  
[13] A1

[51] **Int.Cl. A61K 9/107 (2006.01) A61K 47/34 (2006.01) A61P 27/02 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **OPHTHALMIC FORMULATION OF POLYOXYL LIPID OR POLYOXYL FATTY ACID AND TREATMENT OF OCULAR CONDITIONS**

[54] **FORMULATION OPHTALMIQUE D'ACIDE GRAS OU LIPIDIQUE DE POLYOXYLE, ET TRAITEMENT DE PATHOLOGIES OCULAIRES**

[72] MITRA, ASHIM K., US

[72] WEISS, SIDNEY L., US

[72] MCNALLY, EUGENE J., US

[71] OCULAR TECHNOLOGIES SARL, CH

[85] 2015-12-03

[86] 2013-08-23 (PCT/US2013/056513)

[87] (WO2014/032026)

[30] US (61/693,189) 2012-08-24

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[21] **2,914,489**  
[13] A1

[51] **Int.Cl. F16K 3/36 (2006.01) F16N 3/00 (2006.01)**

[25] EN

[54] **LUBRICATION SYSTEM FOR A GATE VALVE**

[54] **SYSTEME DE LUBRIFICATION POUR UNE SOUPE A TIROIR**

[72] KELLEY, JOHN D., US

[72] MOORE, KIRK W., US

[71] PENTAIR FLOW SERVICES AG, CH

[85] 2015-12-03

[86] 2014-06-03 (PCT/US2014/040737)

[87] (WO2014/197496)

[30] US (61/830,451) 2013-06-03

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[21] **2,914,492**  
[13] A1

[51] **Int.Cl. C07K 14/415 (2006.01)**

[25] EN

[54] **TRANSGENIC CEREAL PLANTS WITH INCREASED RESISTANCE TO RUST DISEASES**

[54] **PLANTES CEREALIERES TRANSGENIQUES PRESENTANT UNE RESISTANCE ACCRUE AUX MALADIES DE LA ROUILLE**

[72] YAN, LIULING, US

[72] CARVER, BRETT, US

[72] FANG, TILIN, US

[72] HUNGER, ROBERT M., US

[71] THE BOARD OF REGENTS FOR OKLAHOMA STATE UNIVERSITY, US

[85] 2015-12-03

[86] 2014-06-03 (PCT/US2014/040747)

[87] (WO2014/197505)

[30] US (61/830,444) 2013-06-03

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[13] A1

[51] **Int.Cl. F01D 11/02 (2006.01) F01D 11/18 (2006.01) F01D 25/00 (2006.01)**  
[25] EN  
[54] **CLEARANCE CONTROL RING ASSEMBLY**  
[54] **ENSEMBLE ANNEAU DE REGULATION DE JEU**  
[72] MONDAL, BHASKAR NANDA, IN  
[72] RAHAIM, JOHN JOSEPH, US  
[72] MONIZ, THOMAS, US  
[72] ROSS, STEVEN A., US  
[72] KIRK, JOEL, US  
[72] HUNTER, SCOTT, US  
[72] FUSINATO, DANIEL, US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2015-12-03  
[86] 2014-06-04 (PCT/US2014/040792)  
[87] (WO2014/200768)  
[30] US (61/833,544) 2013-06-11

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[21] **2,914,495**  
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01) A61B 17/03 (2006.01) A61L 27/04 (2006.01)**  
[25] EN  
[54] **SYNTHETIC CHORD FOR CARDIAC VALVE REPAIR APPLICATIONS**  
[54] **CORDE SYNTHETIQUE POUR DES APPLICATIONS DE REPARATION DE VALVULE CARDIAQUE**  
[72] LONGORIA, JAMES, US  
[72] CHIN, ROY, US  
[71] LC THERAPEUTICS, INC., US  
[85] 2015-12-03  
[86] 2014-06-04 (PCT/US2014/040943)  
[87] (WO2014/197620)  
[30] US (61/831,457) 2013-06-05

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[21] **2,914,501**  
[13] A1

[51] **Int.Cl. A61K 39/39 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR REDUCING OR PREVENTING METASTASIS**  
[54] **COMPOSITIONS ET PROCEDES POUR REDUIRE OU PREVENIR LES METASTASES**  
[72] BEN-ELIYAHU, SHAMGAR, IL  
[72] MATZNER, PINI, IL  
[72] REED, STEVEN G., US  
[71] INFECTIOUS DISEASE RESEARCH INSTITUTE, US  
[85] 2015-12-03  
[86] 2014-06-04 (PCT/US2014/040954)  
[87] (WO2014/197629)  
[30] US (61/830,675) 2013-06-04  
[30] US (14/256,881) 2014-04-18

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[21] **2,914,505**  
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01) A61B 17/00 (2006.01)**  
[25] EN  
[54] **ANNULOPLASTY DEVICE**  
[54] **DISPOSITIF D'ANNULOPLASTIE**  
[72] LONGORIA, JAMES, US  
[72] CHIN, ROY, US  
[71] LC THERAPEUTICS, INC., US  
[85] 2015-12-03  
[86] 2014-06-04 (PCT/US2014/040955)  
[87] (WO2014/197630)  
[30] US (61/831,450) 2013-06-05

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[21] **2,914,507**  
[13] A1

[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/08 (2006.01) A61B 17/10 (2006.01)**  
[25] EN  
[54] **TISSUE ANCHOR AND DEPLOYMENT DEVICE FOR SAME**  
[54] **ANCRAGE TISSULAIRE ET DISPOSITIF DE DEPLOIEMENT POUR CELUI-CI**  
[72] LONGORIA, JAMES, US  
[72] CHIN, ROY, US  
[71] LC THERAPEUTICS, INC., US  
[85] 2015-12-03  
[86] 2014-06-04 (PCT/US2014/040958)  
[87] (WO2014/197633)  
[30] US (61/831,454) 2013-06-05

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[21] **2,914,670**  
[13] A1

[51] **Int.Cl. F16B 7/04 (2006.01)**  
[25] FR  
[54] **MECHANICAL CONNECTION FOR PROFILE SECTIONS, HAVING CRADLES INCLUDING MULTIPLE LAYERS OF MATERIALS**  
[54] **CONNEXION MECANIQUE POUR PROFILS, A BERCEAUX COMPRENANT PLUSIEURS COUCHES DE MATERIAUX**  
[72] COURTIN, ERIC, FR  
[71] COURTIN, ERIC, FR  
[85] 2015-12-07  
[86] 2013-11-08 (PCT/FR2013/052687)  
[87] (WO2014/195587)  
[30] FR (1355300) 2013-06-07

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[21] **2,914,681**  
[13] A1

[51] **Int.Cl. A61L 15/46 (2006.01)**  
[25] EN  
[54] **ABSORBENT ARTICLE COMPRISING COMPLEXED OR ENCAPSULATED REACTIVE COMPOUNDS**  
[54] **ARTICLE ABSORBANT COMPRENANT DES COMPOSES REACTIFS COMPLEXES OU ENCAPSULES**  
[72] SCAVONE, TIMOTHY ALAN, US  
[72] AVILES, MISAEL, US  
[72] GRAY, BRIAN FRANCIS, US  
[72] ELLINGSON, PETER CHRISTOPHER, US  
[72] DUVAL, DEAN LARRY, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2015-12-07  
[86] 2014-06-18 (PCT/US2014/042889)  
[87] (WO2014/205047)  
[30] US (61/836,776) 2013-06-19

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[13] A1

[51] **Int.Cl. G09B 23/30 (2006.01) G09B 9/00 (2006.01)**  
[25] EN  
[54] **MODULAR PATIENT SIMULATING MANNEQUIN AND METHOD THEREOF**  
[54] **MANNEQUIN DE SIMULATION DE PATIENT MODULAIRE ET PROCEDE ASSOCIE**  
[72] JACOBY, JEFFERY, US  
[72] COTE, YANICK, CA  
[72] DIOTTE, LOUIS, CA  
[72] GALIBOIS, MICHEL, CA  
[71] CAE HEALTHCARE CANADA, CA  
[85] 2015-12-08  
[86] 2014-04-04 (PCT/CA2014/000331)  
[87] (WO2014/205540)  
[30] US (61/841,305) 2013-06-29  
[30] US (14/231,306) 2014-03-31

[21] **2,914,703**  
[13] A1

[51] **Int.Cl. B29C 47/32 (2006.01) B29C 47/16 (2006.01) B29C 43/24 (2006.01) B29C 47/08 (2006.01) B29C 47/92 (2006.01)**  
[25] FR  
[54] **DIE FOR MANUFACTURING A FILM BY EXTRUSION**  
[54] **FILIERE POUR LA FABRICATION D'UN FILM PAR EXTRUSION**  
[72] LE GAL, GUY, FR  
[71] BLUE SOLUTIONS, FR  
[85] 2015-12-08  
[86] 2014-06-10 (PCT/EP2014/061998)  
[87] (WO2014/198706)  
[30] FR (1355322) 2013-06-10

[21] **2,914,728**  
[13] A1

[51] **Int.Cl. A61K 31/7084 (2006.01) A61K 31/7088 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01)**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING A GPG OLIGODEOXYNUCLEOTIDE AND CYCLIC DI-GMP**  
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT UN OLIGODESOXYNUCLEOTIDE GPG ET DI-GMP CYCLIQUE**  
[72] SCHRIER, CARLA CRISTINA, NL  
[72] BROK DEN, MARTIJN, NL  
[72] ADEMA, GOSSE, NL  
[71] INTERVET INTERNATIONAL B.V., NL  
[85] 2015-12-08  
[86] 2014-06-13 (PCT/EP2014/062308)  
[87] (WO2014/198862)  
[30] EP (13172144.1) 2013-06-14

[21] **2,914,735**  
[13] A1

[51] **Int.Cl. H01G 11/84 (2013.01) H01G 15/00 (2013.01) H01M 2/10 (2006.01)**  
[25] FR  
[54] **METHOD FOR PRODUCING A MODULE FOR THE STORAGE OF ELECTRICAL ENERGY, ASSOCIATED PRODUCTION TOOL, AND MODULE FOR THE STORAGE OF ELECTRICAL ENERGY, OBTAINED BY IMPLEMENTING THE METHOD**  
[54] **PROCEDE DE FABRICATION D'UN MODULE DE STOCKAGE D'ENERGIE ELECTRIQUE, OUTIL DE FABRICATION ASSOCIE ET MODULE DE STOCKAGE D'ENERGIE ELECTRIQUE OBTENU EN METTANT EN OEUVRE LE PROCEDE**  
[72] GOUZERH, JEAN-MARC, FR  
[72] SAGEL, PHILIPPE, FR  
[72] LE GALL, LAURENT, FR  
[72] JUVENTIN-MATHES, ANNE-CLAIRE, FR  
[71] BLUE SOLUTIONS, FR  
[85] 2015-12-08  
[86] 2014-06-24 (PCT/EP2014/063300)  
[87] (WO2014/206992)  
[30] FR (1356217) 2013-06-27

[21] **2,914,748**  
[13] A1

[51] **Int.Cl. F04C 14/22 (2006.01) F15B 11/16 (2006.01)**  
[25] EN  
[54] **VARIABLE DISPLACEMENT PUMP AND GEARBOX CONTROL SYSTEM**  
[54] **POMPE A CYLINDREE VARIABLE ET COMMANDE DE BOITE DE VITESSES**  
[72] HOLTSMANN, LUDGER, DE  
[72] MAUSER, THILO, DE  
[72] NGUYEN, VAN DOAN, DE  
[71] MAGNA POWERTRAIN BAD HOMBURG GMBH, DE  
[85] 2015-12-08  
[86] 2014-07-01 (PCT/EP2014/064002)  
[87] (WO2015/003960)  
[30] DE (10 2013 107 180.5) 2013-07-08

[21] **2,914,776**  
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 47/12 (2006.01) C07K 16/24 (2006.01)**  
[25] EN  
[54] **METHODS AND FORMULATIONS WHICH ALLOW THE MODULATION OF IMMUNE RESPONSES RELATED TO THE ADMINISTRATION OF A BIOPHARMACEUTICAL DRUG**  
[54] **METHODES ET FORMULATIONS POUR UNE MODULATION DE REPONSES IMMUNITAIRES ASSOCIEES A L'ADMINISTRATION DE MEDICAMENT BIOPHARMACEUTIQUE**  
[72] KRONTHALER, ULRICH, DE  
[72] VIERTLBOCK-SCHUDY, MARGOT, DE  
[72] BARON, MELANIE, DE  
[71] HEXAL AG, DE  
[85] 2015-12-08  
[86] 2014-07-21 (PCT/EP2014/065612)  
[87] (WO2015/007912)  
[30] EP (13177259.2) 2013-07-19

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[21] <b>2,914,783</b> [13] A1	[21] <b>2,914,807</b> [13] A1	[21] <b>2,914,811</b> [13] A1
<p>[51] <b>Int.Cl. C07D 407/04 (2006.01) C07D 493/04 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>METHOD FOR PREPARING LONG-CHAIN ALKYL CYCLIC ACETALS MADE FROM SUGARS</b></p> <p>[54] <b>PROCEDE POUR LA PREPARATION D'ACETALS CYCLIQUES ALKYL A LONGUES CHAINES, A BASE DE SUCRES</b></p> <p>[72] GOZLAN, CHARLOTTE, FR</p> <p>[72] DUGUET, NICOLAS, FR</p> <p>[72] LEMAIRE, MARC, FR</p> <p>[72] QUENEAU, YVES, FR</p> <p>[72] REDL, ANDREAS, BE</p> <p>[71] SYRAL BELGIUM NV, BE</p> <p>[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR</p> <p>[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR</p> <p>[85] 2015-12-08</p> <p>[86] 2014-06-13 (PCT/IB2014/062194)</p> <p>[87] (WO2014/199345)</p> <p>[30] FR (13/01375) 2013-06-14</p>	<p>[51] <b>Int.Cl. C09K 8/12 (2006.01) C09K 8/62 (2006.01) E21B 43/26 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>FRACTURING FLUID VISCOSITY-CONTROLLING AGENT TO BE USED IN HYDRAULIC FRACTURING</b></p> <p>[54] <b>AGENT DE REGULATION DE LA VISCOSITE D'UN FLUIDE DE FRACTURATION A UTILISER AU COURS D'UNE FRACTURATION HYDRAULIQUE</b></p> <p>[72] IDO, TORU, JP</p> <p>[72] YAMAGUCHI, NOBORU, JP</p> <p>[71] SUMITOMO SEIKA CHEMICALS CO., LTD., JP</p> <p>[85] 2015-12-08</p> <p>[86] 2014-06-09 (PCT/JP2014/065198)</p> <p>[87] (WO2014/199938)</p> <p>[30] JP (2013-121803) 2013-06-10</p>	<p>[25] EN</p> <p>[54] <b>MUSCLE PRESERVATION IN OVERWEIGHT OR OBESE ADULT DURING WEIGHT LOSS PROGRAM</b></p> <p>[54] <b>CONSERVATION DES MUSCLES CHEZ DES ADULTES EN SURPOIDS OU OBESES PENDANT UN PROGRAMME DE PERTE DE POIDS</b></p> <p>[72] WEIJS, PETER JOHAN MARIE, NL</p> <p>[72] DE VOGEL, JOHAN, NL</p> <p>[72] VERLAAN, GEORGE, NL</p> <p>[72] JOURDAN, MARION, NL</p> <p>[71] N.V. NUTRICIA, NL</p> <p>[85] 2015-12-08</p> <p>[86] 2013-06-10 (PCT/NL2013/050411)</p> <p>[87] (WO2014/200332)</p>
[21] <b>2,914,786</b> [13] A1	[21] <b>2,914,808</b> [13] A1	[21] <b>2,914,812</b> [13] A1
<p>[51] <b>Int.Cl. H04W 4/10 (2009.01) H04W 88/16 (2009.01)</b></p> <p>[25] EN</p> <p>[54] <b>SIP EXTENSION FOR DMR NETWORKS MATCHING PMR FEATURES</b></p> <p>[54] <b>EXTENSION DE SIP POUR DES RESEAUX DMR CORRESPONDANT A DES FONCTIONS PMR</b></p> <p>[72] LUCANO, DANIELE, IT</p> <p>[72] OLIVIERI, CLAUDIA, IT</p> <p>[72] PIZZORNO, MARCO, IT</p> <p>[71] SELEX ES S.P.A., IT</p> <p>[85] 2015-12-08</p> <p>[86] 2014-06-17 (PCT/IB2014/062305)</p> <p>[87] (WO2014/203168)</p> <p>[30] EP (13425084.4) 2013-06-17</p>	<p>[51] <b>Int.Cl. H04N 7/15 (2006.01) H04N 21/431 (2011.01) G09G 5/00 (2006.01) G09G 5/14 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>TRANSMISSION TERMINAL, PROGRAM, IMAGE DISPLAY METHOD AND TRANSMISSION SYSTEM</b></p> <p>[54] <b>TERMINAL D'EMISSION, PROGRAMME, PROCEDE D'AFFICHAGE D'IMAGES ET SYSTEME D'EMISSION</b></p> <p>[72] NAGASE, TATSUYA, JP</p> <p>[72] KATO, YOSHINAGA, JP</p> <p>[71] RICOH COMPANY, LTD., JP</p> <p>[85] 2015-12-08</p> <p>[86] 2014-06-18 (PCT/JP2014/066749)</p> <p>[87] (WO2014/208569)</p> <p>[30] JP (2013-136213) 2013-06-28</p> <p>[30] JP (2014-078007) 2014-04-04</p>	<p>[51] <b>Int.Cl. B01J 20/02 (2006.01) B01D 53/86 (2006.01) B01J 20/04 (2006.01) B01J 20/08 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>INTEGRATED SUPPORTS FOR EMISSION CONTROL CATALYSTS</b></p> <p>[54] <b>SUPPORTS INTEGRES POUR CATALYSEURS DE PURIFICATION DES EMISSIONS</b></p> <p>[72] ZHENG, XIAOLAI, US</p> <p>[72] WASSERMANN, KNUT, US</p> <p>[72] DEEBA, MICHEL, US</p> <p>[72] ARNOLD, MIRKO, US</p> <p>[72] KOENIG, RENE, DE</p> <p>[71] BASF CORPORATION, US</p> <p>[85] 2015-12-08</p> <p>[86] 2014-06-11 (PCT/US2014/041874)</p> <p>[87] (WO2014/201094)</p> <p>[30] US (61/834,620) 2013-06-13</p> <p>[30] US (14/300,720) 2014-06-10</p>

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[21] **2,914,813**  
[13] A1

[51] **Int.Cl. B01J 4/00 (2006.01)**  
[25] EN  
[54] **MONITORED RELEASE SOLID FEED SYSTEM**  
[54] **SYSTEME D'ALIMENTATION EN MATIERES SOLIDES A LIBERATION SURVEILLEE**  
[72] FERRARI, SARAH L., US  
[72] LANE, JOHN W., US  
[71] EVAPCO, INC., US  
[85] 2015-12-08  
[86] 2014-06-11 (PCT/US2014/041906)  
[87] (WO2014/201115)  
[30] US (61/833,589) 2013-06-11  
[30] US (14/301,629) 2014-06-11

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[21] **2,914,814**  
[13] A1

[51] **Int.Cl. A61F 5/44 (2006.01) A61F 5/445 (2006.01)**  
[25] EN  
[54] **FECAL MATTER CONTAINMENT DEVICE**  
[54] **DISPOSITIF DESTINE A CONTENIR DES MATIERES FECALES**  
[72] PALEY, JAMES K., US  
[71] HELPFUL PRODUCTS 4U, LLC, US  
[85] 2015-12-08  
[86] 2014-06-11 (PCT/US2014/041916)  
[87] (WO2014/201121)  
[30] US (61/833,968) 2013-06-12

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[21] **2,914,816**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**  
[25] EN  
[54] **MULTIPLEXABLE TAG-BASED REPORTER SYSTEM**  
[54] **SYSTEME RAPPORTEUR MULTIPLEXABLE A BASE D'ETIQUETTES**  
[72] WEBSTER, PHILIPPA J., US  
[71] NANOSTRING TECHNOLOGIES, INC., US  
[85] 2015-12-08  
[86] 2014-06-12 (PCT/US2014/042096)  
[87] (WO2014/201232)  
[30] US (61/834,926) 2013-06-14

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[21] **2,914,817**  
[13] A1

[51] **Int.Cl. A47C 9/06 (2006.01) B64D 11/06 (2006.01)**  
[25] EN  
[54] **COMPACT AIRCRAFT CABIN ATTENDANT SEAT**  
[54] **SIEGE COMPACT D'AGENT DE BORD D'AERONEF**  
[72] BURD, PETER JOHN LESLIE, GB  
[71] B/E AEROSPACE, INC., US  
[85] 2015-12-08  
[86] 2014-06-13 (PCT/US2014/042317)  
[87] (WO2014/204804)  
[30] US (61/836,304) 2013-06-18  
[30] US (14/301,598) 2014-06-11

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[21] **2,914,818**  
[13] A1

[51] **Int.Cl. B64D 11/04 (2006.01) B64D 11/00 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR PRE-HEATING POTABLE WATER IN AIRCRAFT WITH WASTE HEAT**  
[54] **APPAREIL POUR PRECHAUFFER DE L'EAU POTABLE DANS UN AERONEF AVEC DE LA CHALEUR PERDUE**  
[72] BURD, PETER JOHN LESLIE, GB  
[71] B/E AEROSPACE, INC., US  
[85] 2015-12-08  
[86] 2014-06-13 (PCT/US2014/042337)  
[87] (WO2014/204808)  
[30] US (61/836,400) 2013-06-18  
[30] US (14/301,547) 2014-06-11

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[21] **2,914,905**  
[13] A1

[51] **Int.Cl. E21B 47/26 (2012.01) E21B 12/02 (2006.01)**  
[25] EN  
[54] **WELLBORE COMPONENT LIFE MONITORING SYSTEM**  
[54] **SYSTEME DE SURVEILLANCE DE DUREE UTILE DE COMPOSANT DE Puits DE FORAGE**  
[72] KIRKHOPE, KENNEDY J., CA  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2015-12-09  
[86] 2013-07-11 (PCT/US2013/050078)  
[87] (WO2015/005923)

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[21] **2,914,907**  
[13] A1

[51] **Int.Cl. E21B 47/00 (2012.01) E21B 21/08 (2006.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR USING A WELL EVALUATION PILL TO CHARACTERIZE SUBTERRANEAN FORMATIONS AND FLUIDS**  
[54] **PROCEDE ET SYSTEME D'UTILISATION D'UNE PILULE D'EVALUATION DE Puits POUR CARACTERISER DES FORMATIONS SOUTERRAINES ET DES FLUIDES**  
[72] JAMISON, DALE E., US  
[72] PELLETIER, MICHAEL T., US  
[72] MITCHELL, IAN D., US  
[72] ROWE, MATHEW D., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2015-12-09  
[86] 2013-07-24 (PCT/US2013/051851)  
[87] (WO2015/012823)

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[21] **2,914,908**  
[13] A1

[51] **Int.Cl. E21B 33/124 (2006.01) E21B 23/06 (2006.01) E21B 33/13 (2006.01)**  
[25] EN  
[54] **WELLBORE ISOLATION DEVICES AND METHODS OF USE TO PREVENT PUMP OFFS**  
[54] **DISPOSITIFS D'ISOLEMENT DE Puits DE FORAGE ET PROCEDES D'UTILISATION POUR PREVENIR LES EPUISEMENTS**  
[72] COLES, RANDOLPH S., US  
[72] MAPPUS, CHRISTIAN S., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2015-12-09  
[86] 2013-07-25 (PCT/US2013/051999)  
[87] (WO2015/012834)

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[21] **2,914,910**  
[13] A1

[51] **Int.Cl. E21B 7/06 (2006.01) E21B 15/04 (2006.01) E21B 19/24 (2006.01)**

[25] EN

[54] **ADJUSTABLE BULLNOSE ASSEMBLY FOR USE WITH A WELLBORE DEFLECTOR ASSEMBLY**

[54] **ENSEMBLE BOUCHON DE CONDUITE REGLABLE DESTINE A ETRE UTILISE AVEC UN ENSEMBLE DEFLECTEUR DE PUIITS DE FORAGE**

[72] LAJESIC, BORISA, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-12-09

[86] 2013-07-25 (PCT/US2013/052080)

[87] (WO2015/012844)

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[21] **2,914,912**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G06F 17/50 (2006.01)**

[25] EN

[54] **A SIMULATION-TO-SEISMIC WORKFLOW CONSTRUED FROM CORE BASED ROCK TYPING AND ENHANCED BY ROCK REPLACEMENT MODELING**

[54] **FLUX DE TRAVAIL ENTRE SIMULATION ET SISMIQUE INTERPRETE A PARTIR D'IDENTIFICATION DE ROCHE A BASE DE CAROTTE ET AMELIORE PAR LA MODELISATION DE REMPLACEMENT DE ROCHE**

[72] RAMSAY, TRAVIS ST. GEORGE, US

[72] YARUS, JEFFREY MARC, US

[71] LANDMARK GRAPHICS CORPORATION, US

[85] 2015-12-09

[86] 2013-08-13 (PCT/US2013/054752)

[87] (WO2015/023265)

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[21] **2,914,914**  
[13] A1

[51] **Int.Cl. C02F 1/463 (2006.01)**

[25] EN

[54] **ELECTRO-COAGULATION AND METAL SAND TREATMENT FOR WASTEWATER**

[54] **TRAITEMENT PAR ELECTROCOAGULATION ET SABLE METALLIQUE POUR EAUX USEES**

[72] LANDIS, CHARLES R., US

[72] STONE, SHANTEL J., US

[72] DONALD, DAVID M., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-12-09

[86] 2014-01-28 (PCT/US2014/013289)

[87] (WO2015/116024)

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[21] **2,914,915**  
[13] A1

[51] **Int.Cl. G06Q 50/30 (2012.01) G06Q 50/10 (2012.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR OBTAINING AND USING TARGETED INSIGHTS WITHIN A DIGITAL CONTENT AND INFORMATION SHARING SYSTEM**

[54] **SYSTEMES ET PROCEDES POUR OBTENIR ET UTILISER DES APERCUS CIBLES DANS UN CONTENU NUMERIQUE ET SYSTEME DE PARTAGE D'INFORMATIONS**

[72] TURNER, DAVID WAYNE, US

[71] PARALLEL 6, INC., US

[85] 2015-12-09

[86] 2014-03-17 (PCT/US2014/030900)

[87] (WO2014/146028)

[30] US (61/798,358) 2013-03-15

[30] US (14/092,882) 2013-11-27

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[21] **2,914,918**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C40B 30/04 (2006.01) G01N 33/566 (2006.01) G01N 33/573 (2006.01)**

[25] EN

[54] **COMPOSITIONS FOR OVARIAN CANCER ASSESSMENT HAVING IMPROVED SPECIFICITY**

[54] **COMPOSITIONS PRESENTANT UNE GRANDE SPECIFICITE POUR L'EVALUATION DU CANCER DE L'OVAIRE**

[72] MUNROE, DONALD, US

[72] CHAN, DANIEL W., US

[72] ZHANG, ZHEN, US

[71] JOHNS HOPKINS UNIVERSITY, US

[71] VERMILLION, INC., US

[85] 2015-12-09

[86] 2014-05-08 (PCT/US2014/037295)

[87] (WO2014/182896)

[30] US (61/822,197) 2013-05-10

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[21] **2,914,922**  
[13] A1

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

[25] EN

[54] **CULTURE MEDIUM COMPOSITIONS FOR MATURATING CARDIOMYOCYTES DERIVED FROM PLURIPOTENT MAMMALIAN STEM CELLS**

[54] **COMPOSITIONS DE MILIEU DE CULTURE POUR LA MATURATION DE CARDIOMYOCYTES DERIVES DE CELLULES SOUCHES MAMMALIENNES PLURIPOTENTES**

[72] BRAAM, STEFAN ROBBERT, NL

[71] PLURIOMICS B.V., NL

[85] 2015-12-09

[86] 2014-06-06 (PCT/NL2014/050366)

[87] (WO2014/200339)

[30] NL (2010953) 2013-06-11

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[21] <b>2,914,924</b> [13] A1	[21] <b>2,914,925</b> [13] A1	[21] <b>2,914,929</b> [13] A1
[51] <b>Int.Cl. C07K 16/28 (2006.01)</b> [25] EN [54] <b>CD40 SIGNALLING INHIBITOR AND A FURTHER COMPOUND, WHEREIN THE FURTHER COMPOUND IS A BILE ACID, A BILE ACID DERIVATIVE, AN TGR5-RECEPTOR AGONIST, AN FXR AGONIST OR A COMBINATION THEREOF, FOR THE TREATMENT OF CHRONIC INFLAMMATION, AND THE PREVENTION OF GASTROINTESTINAL CANCER OR FIBROSIS.</b>	[51] <b>Int.Cl. E02D 7/02 (2006.01)</b> [25] EN [54] <b>METHOD OF AND DRIVER FOR INSTALLING FOUNDATION ELEMENTS IN A GROUND FORMATION</b> [54] <b>PROCEDE ET ENGIN DE BATTAGE POUR INSTALLER DES ELEMENTS DE FONDATION DANS UNE FORMATION TERRESTRE</b> [72] STAM, JUSTIN EDWARD, NL [71] IHC HOLLAND IE B.V., NL [85] 2015-12-09 [86] 2014-06-18 (PCT/NL2014/050399) [87] (WO2014/204307) [30] NL (2011001) 2013-06-18	[51] <b>Int.Cl. C25C 3/08 (2006.01)</b> [25] EN [54] <b>POLARITY REVERSAL ELECTROLYSIS</b> [54] <b>ELECTROLYSE A INVERSION DE POLARITE</b> [72] AZAD, ABDUL R. M., US [71] AZAD, ABDUL R. M., US [85] 2015-12-09 [86] 2014-06-09 (PCT/US2014/041531) [87] (WO2014/200916) [30] US (61/833,095) 2013-06-10
[54] <b>INHIBITEUR DE LA SIGNALISATION DU CD40 ET AUTRE COMPOSE, L'AUTRE COMPOSE ETANT UN ACIDE BILIAIRE, UN DERIVE D'ACIDE BILIAIRE, UN AGONISTE DU RECEPTEUR TGR5, UN AGONISTE DU FXR OU UNE COMBINAISON DE CEUX-CI, POUR LE TRAITEMENT D'UNE INFLAMMATION CHRONIQUE, ET LA PREVENTION D'UN CANCER OU D'UNE FIBROSE GASTRO-INTESTINAL(E)</b> [72] ADANG, ANTON EGBERT PETER, NL [72] DE BOER, MARK, NL [72] THEWISSEN, MARIELLE MARIE GUILLAUME LOUIS, NL [71] FAST FORWARD PHARMACEUTICALS B.V., NL [85] 2015-12-09 [86] 2014-06-13 (PCT/NL2014/050390) [87] (WO2014/200349) [30] EP (13171913.0) 2013-06-13	[21] <b>2,914,926</b> [13] A1	[21] <b>2,914,931</b> [13] A1
	[51] <b>Int.Cl. G06Q 50/24 (2012.01) G06Q 50/22 (2012.01)</b> [25] EN [54] <b>VALUE-BASED HEALTH CARE MANAGEMENT SYSTEMS AND METHODS</b> [54] <b>SYSTEMES ET PROCEDES DE GESTION INTEGREE DES SOINS DE SANTE BASEE SUR LA VALEUR</b> [72] ESRAILIAN, ERIC, US [72] HOMMES, DANIEL W., US [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US [85] 2015-12-09 [86] 2014-05-15 (PCT/US2014/038235) [87] (WO2014/186598) [30] US (61/823,811) 2013-05-15	[51] <b>Int.Cl. F16C 33/74 (2006.01) F16J 15/56 (2006.01)</b> [25] EN [54] <b>ACTUATOR BUSHINGS HAVING INTEGRAL SEALS</b> [54] <b>BAGUES D'ACTIONNEUR AYANT DES JOINTS INTEGRAUX</b> [72] BELL, MEREDITH, US [72] JACKSON, TRENTON FRANK, US [71] FISHER CONTROLS INTERNATIONAL LLC, US [85] 2015-12-09 [86] 2014-06-10 (PCT/US2014/041640) [87] (WO2014/200967) [30] US (13/914,080) 2013-06-10
	[21] <b>2,914,928</b> [13] A1	[21] <b>2,914,932</b> [13] A1
	[51] <b>Int.Cl. C08L 83/04 (2006.01)</b> [25] EN [54] <b>POLYOLEFIN ELASTOMER AND POLYSILOXANE BLENDS</b> [54] <b>MELANGES D'ELASTOMERE POLYOLEFINIQUE ET DE POLYSILOXANE</b> [72] CREE, STEPHEN H., CH [71] DOW GLOBAL TECHNOLOGIES LLC, US [85] 2015-12-09 [86] 2014-06-02 (PCT/US2014/040488) [87] (WO2014/209543) [30] US (61/838,991) 2013-06-25	[51] <b>Int.Cl. C12P 7/64 (2006.01)</b> [25] EN [54] <b>PRODUCTION OF BIODIESEL AND PRODUCTS OBTAINED THEREFROM</b> [54] <b>PRODUCTION DE BIODIESEL ET PRODUITS OBTENUS A PARTIR DE CELUI-CI</b> [72] ELLENS, CODY J., US [72] SLADE, DAVID A., US [72] ALBIN, BRADLEY NEIL, US [72] WINKEL, DEREK J., US [72] DOWNEY, JARED A., US [71] RENEWABLE ENERGY GROUP, INC., US [85] 2015-12-09 [86] 2014-06-10 (PCT/US2014/041708) [87] (WO2014/201001) [30] US (61/833,504) 2013-06-11

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[21] **2,915,032**  
[13] A1

[51] **Int.Cl. B60G 21/05 (2006.01) B29C 65/00 (2006.01) B60G 21/055 (2006.01) F16F 1/366 (2006.01)**

[25] EN  
[54] **TWIST BEAM AXLE**  
[54] **ESSIEU COMPOSITION A BRAS OSCILLANTS**

[72] ZAK, ALEXANDER, US  
[72] LOTTES, RAINER, AT  
[72] FRANSCHITZ, STEPHAN, AT  
[72] HALBAUER, HANNES, AT  
[71] COSMA ENGINEERING EUROPE AG, AT  
[85] 2015-10-29  
[86] 2014-04-28 (PCT/EP2014/001127)  
[87] (WO2014/177266)  
[30] DE (20 2013 004 035.1) 2013-04-30

[21] **2,915,036**  
[13] A1

[51] **Int.Cl. B01D 1/14 (2006.01) B01D 19/00 (2006.01) C02F 1/04 (2006.01)**

[25] EN  
[54] **MULTI-STAGE BUBBLE COLUMN HUMIDIFIER**  
[54] **HUMIDIFICATEUR MULTI-ETAGE A COLONNE A BULLES**

[72] GOVINDAN, PRAKASH, US  
[72] ELSHARQAWY, MOSTAFA, SA  
[72] LAM, STEVEN, US  
[72] ST. JOHN, MAXIMUS, US  
[72] LIENHARD, JOHN, US  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[71] KING FAHD UNIVERSITY OF PETROLEUM & MINERALS, SA  
[85] 2015-12-10  
[86] 2014-06-06 (PCT/US2014/041226)  
[87] (WO2014/200829)  
[30] US (13/916,038) 2013-06-12

[21] **2,915,038**  
[13] A1

[51] **Int.Cl. B65C 3/18 (2006.01) B67B 5/03 (2006.01)**

[25] EN  
[54] **PLANT FOR APPLYING PROTECTIVE MEMBRANES ON BEVERAGE CANS**  
[54] **INSTALLATION POUR APPLIQUER DES MEMBRANES DE PROTECTION SUR DES CANETTES**

[72] RIBI, LEON ANTOINE, CH  
[71] RIBI PACK SPA, IT  
[85] 2015-11-25  
[86] 2013-03-13 (PCT/IB2013/051966)  
[87] (WO2014/140690)

[21] **2,915,039**  
[13] A1

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

[25] EN  
[54] **SYSTEMS AND METHODS FOR EMV CHIP AND PIN PAYMENTS**  
[54] **SYSTEMES ET PROCEDES DESTINES AUX PAIEMENTS PAR PUCE ET PIN SELON LA NORME EMV**

[72] GOLDFARB, SIVANNE, US  
[72] PATEL, NARIK, US  
[72] VOEGE, MICHAEL, US  
[72] MOGHADAM, ALI MINAEI, US  
[72] GOVINDARAJAN, SATISH, US  
[71] PAYPAL, INC., US  
[85] 2015-12-10  
[86] 2014-06-06 (PCT/US2014/041297)  
[87] (WO2014/204676)  
[30] US (61/836,084) 2013-06-17  
[30] US (14/268,749) 2014-05-02

[21] **2,915,041**  
[13] A1

[51] **Int.Cl. C02F 1/42 (2006.01) C02F 1/62 (2006.01)**

[25] EN  
[54] **MANGANESE OXIDE-BASED AND METALLOMANGANESE OXIDE-BASED ION-EXCHANGERS FOR REMOVING MERCURY (+2) IONS FROM LIQUID STREAMS**  
[54] **ECHANGEURS D'IONS A BASE D'OXYDES DE MANGANESE ET D'OXYDES DE METALLOMANGANESE POUR ELIMINER LES IONS DE MERCURE (+2) DE COURANTS DE LIQUIDE**

[72] LEWIS, GREGORY J., US  
[72] JAKUBCZAK, PAULINA, US  
[72] MARTE, JULIO C., US  
[71] UOP LLC, US  
[85] 2015-12-10  
[86] 2014-06-16 (PCT/US2014/042509)  
[87] (WO2014/209655)  
[30] US (13/924,971) 2013-06-24

[21] **2,915,042**  
[13] A1

[51] **Int.Cl. C09K 5/10 (2006.01) C23F 11/12 (2006.01)**

[25] EN  
[54] **EXTENDED OPERATION ENGINE COOLANT COMPOSITION**  
[54] **COMPOSITION DE LIQUIDE DE REFROIDISSEMENT DE MOTEUR A DUREE UTILE ETENDUE**

[72] TURCOTTE, DAVID E., US  
[72] MESZAROS, LADISLAUS, DE  
[72] EMBAUGH, DAVID F., US  
[72] WU, GEFEI, US  
[71] ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC, US  
[85] 2015-12-10  
[86] 2014-06-09 (PCT/US2014/041527)  
[87] (WO2014/200913)  
[30] US (13/916,141) 2013-06-12

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[13] A1

[51] **Int.Cl. C08K 5/10 (2006.01) C08L 23/08 (2006.01) H01B 3/44 (2006.01)**

[25] EN

[54] **VOLTAGE-STABILIZED POLYMERIC COMPOSITIONS**

[54] **COMPOSITIONS POLYMERES STABILISEES EN TENSION**

[72] TOMER, VIVEK, US

[72] PERSON, TIMOTHY J., US

[72] WELSH, DEAN M., US

[72] BERNIUS, MARK T., US

[71] DOW GLOBAL TECHNOLOGIES LLC, US

[85] 2015-12-10

[86] 2014-06-17 (PCT/US2014/042600)

[87] (WO2014/209661)

[30] US (61/839,422) 2013-06-26

[21] **2,915,049**  
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) H04W 4/12 (2009.01) H04W 12/06 (2009.01) G06Q 20/40 (2012.01)**

[25] EN

[54] **METHODS AND SYSTEMS RELATING TO VISUAL COMMUNICATIONS**

[54] **PROCEDES ET SYSTEMES RELATIFS A DES COMMUNICATIONS VISUELLES**

[72] O'CONNOR, CHELSEA, CA

[72] WHITE, JULIAN, CA

[71] DIVE COMMUNICATIONS INC., CA

[85] 2015-12-10

[86] 2015-04-22 (PCT/CA2015/000261)

[87] (WO2015/161356)

[30] US (61/982,462) 2014-04-22

[21] **2,915,053**  
[13] A1

[51] **Int.Cl. B22F 5/00 (2006.01) E21B 10/46 (2006.01)**

[25] EN

[54] **PCD ELEMENTS AND PROCESS FOR MAKING THE SAME**

[54] **ELEMENTS DE DIAMANT POLYCRISTALLIN ET PROCEDE D'ELABORATION ASSOCIE**

[72] BOWDEN, NEAL ALAN, US

[72] MONTROSS, CHARLES S., US

[71] ULTERRA DRILLING TECHNOLOGIES, L.P., US

[85] 2015-12-10

[86] 2014-06-11 (PCT/US2014/041950)

[87] (WO2014/201141)

[30] US (61/833,875) 2013-06-11

[21] **2,915,047**  
[13] A1

[51] **Int.Cl. B26F 1/20 (2006.01)**

[25] EN

[54] **A PERFORATING APPARATUS FOR MANUFACTURING A NONLINEAR LINE OF WEAKNESS**

[54] **APPAREIL DE PERFORATION POUR LA FABRICATION D'UNE LIGNE DE FAIBLESSE NON LINEAIRE**

[72] KIEN, KATHRYN CHRISTIAN, US

[72] SLOVUT, DEBORAH SUE, US

[72] VAUGHN, JEFFREY MOSS, US

[71] THE PROCTOR & GAMBLE COMPANY, US

[85] 2015-12-10

[86] 2014-06-11 (PCT/US2014/041820)

[87] (WO2014/201071)

[30] US (61/834,117) 2013-06-12

[21] **2,915,052**  
[13] A1

[51] **Int.Cl. B65D 51/00 (2006.01) B65D 51/18 (2006.01)**

[25] EN

[54] **CLOSURE ASSEMBLY**

[54] **ENSEMBLE DE FERMETURE**

[72] DING, RAN, US

[72] CABRAL, NICOLAU S., US

[72] FALAKI, MOHAMMAD, US

[72] POST, ROBERT J., US

[72] PENNINGTON, GERALD M., US

[72] PENNOCK, BRANDON J., US

[72] MCCABE, MICHAEL J., US

[72] PHAM, KHOA D., US

[72] JACKSON, FRANK P., US

[72] NIXON, THOMAS R., US

[71] SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, US

[85] 2015-12-10

[86] 2014-06-11 (PCT/US2014/041883)

[87] (WO2014/201098)

[30] US (61/835,375) 2013-06-14

[21] **2,915,054**  
[13] A1

[51] **Int.Cl. C07D 401/06 (2006.01) A61K 31/41 (2006.01) A61P 29/00 (2006.01) A61P 31/00 (2006.01) C07D 257/04 (2006.01)**

[25] EN

[54] **METALLOENZYME INHIBITOR COMPOUNDS**

[54] **COMPOSES INHIBITEURS DE METALLO-ENZYMES**

[72] HOEKSTRA, WILLIAM J., US

[72] YATES, CHRISTOPHER M., US

[71] VIAMET PHARMACEUTICALS, INC., US

[85] 2015-12-10

[86] 2014-06-11 (PCT/US2014/041984)

[87] (WO2014/201161)

[30] US (61/834,324) 2013-06-12

[21] **2,915,055**  
[13] A1

[51] **Int.Cl. C07C 231/12 (2006.01) C07C 235/08 (2006.01)**

[25] EN

[54] **HYDROXYETHYLENE DERIVATIVES FOR THE TREATMENT OF ARTHROSIS**

[54] **DERIVES D'HYDROXYETHYLENE POUR LE TRAITEMENT DE L'ARTHROSE**

[72] KLEIN, MARKUS, DE

[71] MERCK PATENT GMBH, DE

[85] 2015-12-10

[86] 2014-05-14 (PCT/EP2014/001304)

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[30] EP (13002995.2) 2013-06-12

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[13] A1  
[51] **Int.Cl. G06F 13/14 (2006.01)**  
[25] EN  
[54] **USING DUAL PHYS TO SUPPORT MULTIPLE PCIE LINK WIDTHS**  
[54] **UTILISATION DE PHY DOUBLE POUR ACCUEILLIR DE MULTIPLES LARGEURS DE LIAISON PCIE**  
[72] YOUSUF, FAROOQ, US  
[71] WESTERN DIGITAL TECHNOLOGIES, INC., US  
[85] 2015-12-10  
[86] 2014-06-11 (PCT/US2014/042007)  
[87] (WO2014/201178)  
[30] US (61/833,772) 2013-06-11  
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[13] A1  
[51] **Int.Cl. C07C 45/50 (2006.01) C07C 47/02 (2006.01)**  
[25] EN  
[54] **HEAT MANAGEMENT PROCESS INVOLVING EXPANSION COOLING AND COOLED GAS RECIRCULATION**  
[54] **PROCEDE DE GESTION DE LA CHALEUR COMPORTANT UN REFROIDISSEMENT PAR DETENTE ET UNE RECIRCULATION DE GAZ REFROIDI**  
[72] MILLER, GLENN A., US  
[72] COX, IRVIN B., US  
[72] MOKHTARZADEH, MORTEZA, US  
[71] DOW TECHNOLOGY INVESTMENTS LLC, US  
[85] 2015-12-10  
[86] 2014-06-18 (PCT/US2014/042835)  
[87] (WO2014/209696)  
[30] US (61/839,901) 2013-06-27

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[13] A1  
[51] **Int.Cl. F16H 57/025 (2012.01) F16H 57/02 (2012.01)**  
[25] EN  
[54] **GEARED MOTOR**  
[54] **MOTOREDUCTEUR**  
[72] BUHN, OLIVER, DE  
[72] TEGELTIJA, MIKI, DE  
[71] SEW-EURODRIVE GMBH & CO. KG, DE  
[85] 2015-12-10  
[86] 2014-06-12 (PCT/EP2014/001593)  
[87] (WO2015/003770)  
[30] DE (10 2013 011 385.7) 2013-07-09

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[13] A1  
[51] **Int.Cl. F02D 19/08 (2006.01)**  
[25] EN  
[54] **MULTI-FUEL SYSTEM FOR INTERNAL COMBUSTION ENGINES**  
[54] **SYSTEME MULTICARBURANT POUR DES MOTEURS A COMBUSTION INTERNE**  
[72] MONROS, SERGE V., US  
[71] MONROS, SERGE V., US  
[85] 2015-12-10  
[86] 2014-06-19 (PCT/US2014/043168)  
[87] (WO2014/209750)  
[30] US (61/840,129) 2013-06-27  
[30] US (14/308,103) 2014-06-18

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[13] A1  
[51] **Int.Cl. A61B 5/0205 (2006.01) A61B 5/021 (2006.01) A61B 5/024 (2006.01)**  
[25] EN  
[54] **PREDICTING HYPOVOLEMIC HYPOTENSIVE CONDITIONS USING A PULSE VOLUME WAVEFORM**  
[54] **PREDICTION D'ETATS HYPOTENSIFS HYPOVOLEMiques AU MOYEN D'UNE FORME D'ONDE DE VOLUME D'IMPULSION**  
[72] BRUMFIELD, ANNE M., US  
[72] BERKOW, JAN K., US  
[71] INTELLOMED, INC., US  
[85] 2015-12-10  
[86] 2014-06-11 (PCT/US2014/042012)  
[87] (WO2014/201183)  
[30] US (61/833,680) 2013-06-11

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[21] **2,915,061**  
[13] A1  
[51] **Int.Cl. B60Q 1/44 (2006.01) G06F 19/00 (2011.01)**  
[25] EN  
[54] **DEVICE FOR PREVENTING ACCIDENTS CAUSED BY REAR COLLISIONS AND OPERATING SYSTEM THEREOF**  
[54] **DISPOSITIF POUR LA PREVENTION D'ACCIDENTS PAR COLLISION ARRIERE ET SON SYSTEME DE FONCTIONNEMENT**  
[72] PINO MENDEZ, JUAN JOSE, ES  
[71] PINO MENDEZ, JUAN JOSE, ES  
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[86] 2014-06-10 (PCT/ES2014/000093)  
[87] (WO2014/198971)  
[30] ES (P201300843) 2013-06-10

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[21] **2,915,062**  
[13] A1  
[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 10/06 (2012.01)**  
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[54] **METHOD FOR GENERATING A DISCRETE FORECASTED STAFF REPORT**  
[54] **PROCEDE DE GENERATION D'UN RAPPORT DE NOTATION PREDIT DISCRET**  
[72] ULRICH, RICHARD BENNETT, US  
[72] FLETCHER, CHARLES BRANDON, US  
[72] NOWLIN, CHRISTOPHER JAMES, US  
[71] WAL-MART STORES, INC., US  
[85] 2015-12-10  
[86] 2014-06-12 (PCT/US2014/042045)  
[87] (WO2014/201201)  
[30] US (13/915,801) 2013-06-12

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[13] A1

[51] **Int.Cl. C12P 7/64 (2006.01) B01D 17/02 (2006.01) C12N 9/50 (2006.01)**

[25] EN

[54] **PROCESS OF EXTRACTING OIL FROM THIN STILLAGE**

[54] **PROCEDE D'EXTRACTION D'HUILE A PARTIR DE RESIDUS DILUES DE DISTILLATION**

[72] KREEL, NATHANIAL, US

[72] JUMP, JOSEPH, US

[71] NOVOZYMES A/S, DK

[85] 2015-12-10

[86] 2014-06-20 (PCT/US2014/043392)

[87] (WO2014/209789)

[30] US (61/838,650) 2013-06-24

[30] US (61/863,727) 2013-08-08

[30] US (61/943,794) 2014-02-24

[30] US (61/991,866) 2014-05-12

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[21] **2,915,064**  
[13] A1

[51] **Int.Cl. C07K 14/705 (2006.01) G01N 33/567 (2006.01) G01N 33/68 (2006.01)**

[25] EN

[54] **METHODS**

[54] **PROCEDES**

[72] MCGRANE, SCOTT JOSPEPH, GB

[72] TAYLOR, ANDREW JOHN, GB

[72] GIBBS, MATTHEW RONALD, GB

[71] MARS, INCORPORATED, US

[85] 2015-12-10

[86] 2014-06-13 (PCT/GB2014/000233)

[87] (WO2014/199114)

[30] GB (1310664.6) 2013-06-14

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[21] **2,915,065**  
[13] A1

[51] **Int.Cl. C12P 7/64 (2006.01)**

[25] EN

[54] **PROCESSES FOR RECOVERING OIL FROM FERMENTATION PRODUCT PROCESSES AND PROCESSES FOR PRODUCING FERMENTATION PRODUCTS**

[54] **PROCEDES DE RECUPERATION D'HUILE A PARTIR DE PROCEDES DE PRODUCTION DE PRODUITS DE FERMENTATION ET PROCEDES DE PRODUCTION DE PRODUITS DE FERMENTATION**

[72] MATTHEWS, JOHN, US

[72] CLARK, SUZANNE, US

[72] JUMP, JOSEPH, US

[72] KREEL, NATHANIAL, US

[71] NOVOZYMES A/S, DK

[85] 2015-12-10

[86] 2014-06-20 (PCT/US2014/043444)

[87] (WO2014/209800)

[30] US (61/838,650) 2013-06-24

[30] US (61/863,727) 2013-08-08

[30] US (61/943,794) 2014-02-24

[30] US (61/991,866) 2014-05-12

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[21] **2,915,066**  
[13] A1

[51] **Int.Cl. H02J 13/00 (2006.01) G01R 21/06 (2006.01)**

[25] EN

[54] **NON-TECHNICAL LOSSES IN A POWER DISTRIBUTION GRID**

[54] **PERTES NON TECHNIQUES DANS UN RESEAU DE DISTRIBUTION D'ELECTRICITE**

[72] BERNHEIM, HENRICK F., US

[72] HANSELL, JERRITT H., US

[72] MARTIN, MARCIA REID, US

[71] ASTROLINK INTERNATIONAL LLC, US

[71] DOMINION ENERGY TECHNOLOGIES, INC., US

[85] 2015-12-10

[86] 2014-06-13 (PCT/US2014/042300)

[87] (WO2014/201348)

[30] US (61/834,567) 2013-06-13

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[21] **2,915,067**  
[13] A1

[51] **Int.Cl. C07C 2/32 (2006.01) B01J 31/22 (2006.01) C08F 4/64 (2006.01)**

[25] EN

[54] **HYPERBRANCHED ETHYLENE-BASED OLIGOMERS**

[54] **OLIGOMERES A BASE D'ETHYLENE HYPER-RAMIFIES**

[72] ARRIOLA, DANIEL J., US

[72] BAILEY, BRAD C., US

[72] KLOSIN, JERZY, US

[72] LYSENKO, ZENON, US

[72] ROOF, GORDON R., US

[72] SMITH, AUSTIN J., US

[71] DOW GLOBAL TECHNOLOGIES LLC, US

[85] 2015-12-10

[86] 2014-06-24 (PCT/US2014/043754)

[87] (WO2014/209927)

[30] US (61/840,622) 2013-06-28

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[21] **2,915,068**  
[13] A1

[51] **Int.Cl. G06F 21/57 (2013.01) G06F 9/445 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR DIRECTING APPLICATION UPDATES**

[54] **SYSTEMES ET PROCEDES PERMETTANT DE COMMANDER DES MISES A JOUR D'APPLICATIONS**

[72] SATISH, SOURABH, US

[72] WAWDA, ABUBAKAR A., US

[72] VILJOEN, PETRUS JOHANNES, US

[72] EGAN, GERRY A., US

[71] SYMANTEC CORPORATION, US

[85] 2015-12-10

[86] 2014-06-25 (PCT/US2014/044079)

[87] (WO2014/210144)

[30] US (13/928,348) 2013-06-26

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[21] **2,915,069**  
[13] A1  
[51] **Int.Cl. G01F 3/10 (2006.01)**  
[25] EN  
[54] **SYSTEMS, DEVICES, AND METHODS FOR MEASURING AND PROCESSING FUEL METER MEASUREMENTS**  
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES PERMETTANT DE MESURER ET DE TRAITER DES MESURES DE COMPTEUR DE COMBUSTIBLE**  
[72] ARTIUCH, ROMAN L., US  
[71] DRESSER, INC., US  
[85] 2015-12-10  
[86] 2014-06-13 (PCT/US2014/042346)  
[87] (WO2014/201383)  
[30] US (61/835,497) 2013-06-14  
[30] US (14/301,986) 2014-06-11

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[21] **2,915,070**  
[13] A1  
[51] **Int.Cl. G21G 1/00 (2006.01) G21G 1/10 (2006.01)**  
[25] EN  
[54] **PROCESS OF GENERATING GERMANIUM**  
[54] **PROCEDE DE PRODUCTION DE GERMANIUM**  
[72] UHLAND, WILLIAM C., US  
[72] PIPES, DAVID WAYNE, US  
[72] PERRIGO, MELISSA DIANNE, US  
[71] MALLINCKRODT LLC, US  
[85] 2015-12-10  
[86] 2014-06-26 (PCT/US2014/044397)  
[87] (WO2014/210352)  
[30] US (61/840,103) 2013-06-27

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[21] **2,915,071**  
[13] A1  
[51] **Int.Cl. G01B 11/27 (2006.01) H02S 20/32 (2014.01)**  
[25] EN  
[54] **SUN LIGHT OPTICAL ALIGNING APPARATUS**  
[54] **APPAREIL D'ALIGNEMENT OPTIQUE DE LUMIERE SOLAIRE**  
[72] BUSHONG, JAMES HOWARD, JR., US  
[71] BUSHONG, JAMES HOWARD, JR., US  
[85] 2015-12-10  
[86] 2014-07-01 (PCT/US2014/044987)  
[87] (WO2015/002914)  
[30] US (61/957,437) 2013-07-02

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[21] **2,915,072**  
[13] A1  
[51] **Int.Cl. H02J 13/00 (2006.01) H04B 3/54 (2006.01)**  
[25] EN  
[54] **INFERRING FEEDER AND PHASE POWERING A TRANSMITTER**  
[54] **DEDUCTION DE LA LIGNE D'ALIMENTATION ET DE LA PHASE D'ALIMENTATION D'UN EMETTEUR**  
[72] HANSELL, JERRITT H., US  
[72] BERNHEIM, HENRIK F., US  
[71] ASTROLINK INTERNATIONAL LLC, US  
[71] DOMINION ENERGY TECHNOLOGIES, INC., US  
[85] 2015-12-10  
[86] 2014-06-13 (PCT/US2014/042393)  
[87] (WO2014/201410)  
[30] US (61/834,573) 2013-06-13

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[21] **2,915,073**  
[13] A1  
[51] **Int.Cl. A61F 2/24 (2006.01)**  
[25] EN  
[54] **MITRAL VALVE SPACER AND SYSTEM AND METHOD FOR IMPLANTING THE SAME**  
[54] **ESPACEUR DE VALVE MITRALE ET SYSTEME ET PROCEDE POUR SON IMPLANTATION**  
[72] WILSON, JONATHAN E., US  
[72] MURPHY, JOHN, US  
[72] ROBERTSON, JACK, US  
[72] SEGUIN, CHRISTOPHER, US  
[71] CARDIOSOLUTIONS, INC., US  
[85] 2015-12-10  
[86] 2014-06-16 (PCT/US2014/042465)  
[87] (WO2014/201452)  
[30] US (61/835,093) 2013-06-14

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[13] A1  
[51] **Int.Cl. C07D 213/61 (2006.01) A61K 31/18 (2006.01) A61K 31/4418 (2006.01) A61P 29/00 (2006.01) C07C 311/20 (2006.01)**  
[25] EN  
[54] **N-(4-HYDROXY-4-METHYL-CYCLOHEXYL)-4-PHENYLBENZENESULFONAMIDES AND N-(4-HYDROXY-4-METHYL-CYCLOHEXYL)-4-(2-PYRIDYL)BENZENESULFONAMIDES AND THEIR THERAPEUTIC USE**  
[54] **N-(4-HYDROXY-4-METHYLCYCLOHEXYL)-4-PHENYLBENZENESULFONAMIDES ET N-(4-HYDROXY-4-METHYLCYCLOHEXYL)-4-(2-PYRIDYL)BENZENESULFONAMIDES ET LEUR UTILISATION THERAPEUTIQUE**  
[72] PATEL, LISA, GB  
[72] SMITH, STEPHEN ALLAN, GB  
[72] GREIG, IAIN ROBERT, GB  
[72] WILLIAMS, SAMUEL CAMERON, GB  
[71] PIMCO 2664 LIMITED, GB  
[85] 2015-12-10  
[86] 2014-06-24 (PCT/GB2014/051921)  
[87] (WO2014/207445)  
[30] GB (1311361.8) 2013-06-26

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[21] **2,915,076**  
[13] A1  
[51] **Int.Cl. H01J 49/02 (2006.01) G01N 27/62 (2006.01) H01J 49/26 (2006.01)**  
[25] EN  
[54] **CONTAMINATION FILTER FOR MASS SPECTROMETER**  
[54] **FILTRE DE CONTAMINATION POUR SPECTROMETRE DE MASSE**  
[72] COVEY, THOMAS R., CA  
[72] SCHNEIDER, BRADLEY B., CA  
[71] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG  
[85] 2015-12-10  
[86] 2014-06-20 (PCT/IB2014/001143)  
[87] (WO2014/203071)  
[30] US (61/838,185) 2013-06-21  
[30] US (62/014,657) 2014-06-19

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[13] A1

[51] **Int.Cl. A61N 1/08 (2006.01) A61N 1/05 (2006.01) A61N 1/36 (2006.01)**  
[25] EN  
[54] **DYNAMIC MODIFICATION OF MODULATION THROUGHOUT A THERAPY PERIOD**  
[54] **MODIFICATION DYNAMIQUE D'UNE MODULATION PENDANT TOUTE LA DUREE D'UNE THERAPIE**  
[72] MASHIACH, ADI, BE  
[72] MASHIACH, ITZIK, BE  
[71] MASHIACH, ADI, BE  
[71] MASHIACH, ITZIK, BE  
[85] 2015-12-10  
[86] 2014-06-17 (PCT/IB2014/002291)  
[87] (WO2015/004540)  
[30] US (61/836,089) 2013-06-17

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[13] A1

[51] **Int.Cl. G07C 9/00 (2006.01) G06F 3/0481 (2013.01) G02B 27/01 (2006.01) G06F 3/01 (2006.01) G06F 3/03 (2006.01)**  
[25] EN  
[54] **PORTABLE USER CONTROL SYSTEM AND METHOD THEREFOR**  
[54] **SYSTEME DE COMMANDE UTILISATEUR PORTABLE ET PROCEDE ASSOCIE**  
[72] CHEIKH, STEPHANE, FR  
[72] IRMINGER, RENAUD, CH  
[72] O'SULLIVAN, KEVIN, GB  
[72] KELLY, MICHAEL GARRY, IE  
[71] SITA INFORMATION NETWORKING COMPUTING IRELAND LIMITED, IE  
[85] 2015-12-08  
[86] 2014-06-13 (PCT/EP2014/062464)  
[87] (WO2014/198945)  
[30] US (61/835,258) 2013-06-14  
[30] GB (1403967.1) 2014-03-06

[21] **2,915,082**  
[13] A1

[51] **Int.Cl. C05G 3/00 (2006.01) C05B 7/00 (2006.01) C05B 13/00 (2006.01) C05C 1/02 (2006.01) C05C 3/00 (2006.01) C05C 5/02 (2006.01) C05C 5/04 (2006.01) C05D 1/00 (2006.01) C05D 1/02 (2006.01) C05D 9/02 (2006.01)**  
[25] EN  
[54] **LAYERED FERTILIZER COMPOSITION**  
[54] **COMPOSITION D'ENGRAIS EN COUCHES**  
[72] KHALEEL, MOHAMED AKASHA, SA  
[71] SAUDI BASIC INDUSTRIES CORPORATION, SA  
[85] 2015-12-08  
[86] 2014-06-26 (PCT/IB2014/062626)  
[87] (WO2014/207696)  
[30] US (61/840,651) 2013-06-28

[21] **2,915,083**  
[13] A1

[51] **Int.Cl. F02D 41/14 (2006.01) F02D 19/02 (2006.01) F02M 21/02 (2006.01)**  
[25] EN  
[54] **GAS ENGINE**  
[54] **MOTEUR A GAZ**  
[72] OTSUBO, HIROYUKI, JP  
[72] KISHIO, KAZUMA, JP  
[71] YANMAR CO., LTD., JP  
[85] 2015-12-10  
[86] 2014-05-28 (PCT/JP2014/064115)  
[87] (WO2014/199829)  
[30] JP (2013-122701) 2013-06-11

[21] **2,915,084**  
[13] A1

[51] **Int.Cl. F02K 7/18 (2006.01)**  
[25] EN  
[54] **SELECTABLE MODE RAMJET/ROCKET JET ENGINE**  
[54] **REACTEUR A STATOREACTEUR/FUSEE A MODE POUVANT ETRE SELECTIONNE**  
[72] LAFOREST, LUC, CA  
[72] RUPCICH, TIMOTHY STEPHEN, CA  
[71] 8801541 CANADA INC., CA  
[85] 2015-12-09  
[86] 2014-06-10 (PCT/CA2014/050535)  
[87] (WO2014/197982)  
[30] US (61/833,208) 2013-06-10

[21] **2,915,085**  
[13] A1

[51] **Int.Cl. C12N 5/07 (2010.01) C12N 5/077 (2010.01) A61K 35/12 (2015.01) A61L 27/00 (2006.01) A61P 13/12 (2006.01) C12N 5/10 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRODUCING RENAL PROGENITOR CELLS AND DRUG COMPRISING THE SAME**  
[54] **PROCEDE DE PRODUCTION DE CELLULES PRECURSEURS RENALES ET MEDICAMENT CONTENANT DES CELLULES PRECURSEURS RENALES**  
[72] OSAFUNE, KENJI, JP  
[72] TOYOHARA, TAKAFUMI, JP  
[72] YAMAGISHI, YUKIKO, JP  
[71] KYOTO UNIVERSITY, JP  
[71] ATELLAS PHARMA INC., JP  
[85] 2015-12-10  
[86] 2014-06-11 (PCT/JP2014/066081)  
[87] (WO2014/200115)  
[30] JP (2013-123072) 2013-06-11  
[30] JP (2014-092108) 2014-04-25

[21] **2,915,086**  
[13] A1

[51] **Int.Cl. G01V 13/00 (2006.01)**  
[25] EN  
[54] **COMPUTER PROGRAM FOR WELLBORE RESISTIVITY LOGGING CALIBRATION**  
[54] **PROGRAMME INFORMATIQUE POUR L'ETALONNAGE DE LA DIAGRAPHIE DE RESISTIVITE DE PUIITS DE FORAGE**  
[72] DONDERICI, BURKAY, US  
[71] HALLIBURTON ENERGY SERVICES INC., US  
[85] 2015-12-10  
[86] 2013-07-26 (PCT/US2013/052361)  
[87] (WO2015/012870)

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[21] **2,915,087**  
[13] A1

[51] **Int.Cl. B01F 3/04 (2006.01) B05B 1/30 (2006.01) B05B 12/04 (2006.01) B05B 12/12 (2006.01) F17D 3/12 (2006.01)**

[25] FR

[54] **SYSTEM AND METHOD FOR INJECTING LIQUID ODORANT INTO A NATURAL GAS PIPELINE**

[54] **SYSTEME ET PROCEDE D'INJECTION D'ODORISANT LIQUIDE DANS UNE CANALISATION DE GAZ NATUREL**

[72] CAGNON, FRANCOIS, FR

[72] KAMECHE, MOHAMED, FR

[71] ENGIE, FR

[85] 2015-12-09

[86] 2014-06-10 (PCT/FR2014/051398)

[87] (WO2014/199069)

[30] FR (1355338) 2013-06-10

[21] **2,915,088**  
[13] A1

[51] **Int.Cl. C12N 5/074 (2010.01) C12N 5/071 (2010.01) C12N 5/00 (2006.01)**

[25] EN

[54] **SC-.BETA. CELLS AND COMPOSITIONS AND METHODS FOR GENERATING THE SAME**

[54] **CELLULES DERIVEES DE CELLULES SOUCHES ET COMPOSITIONS ET PROCEDES POUR GENERER CES CELLULES**

[72] PETERSON, QUINN P., US

[72] PAGLIUCA, FELICIA J., US

[72] MELTON, DOUGLAS A., US

[72] MILLMAN, JEFFREY R., US

[72] SEGEL, MICHAEL SARIS, US

[72] GURTLER, MADS, US

[72] FRYER, BENJAMIN, US

[72] REZANIA, ALIREZA, US

[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US

[71] JANSSEN BIOTECH, INC., US

[85] 2015-12-10

[86] 2014-06-11 (PCT/US2014/041988)

[87] (WO2015/002724)

[30] US (61/833,898) 2013-06-11

[30] US (61/972,212) 2014-03-28

[21] **2,915,089**  
[13] A1

[51] **Int.Cl. C01B 31/04 (2006.01)**

[25] FR

[54] **METHOD FOR EXFOLIATING CARBONACEOUS MATERIALS CONTAINING GRAPHITE, ASSISTED BY A DIELS-ALDER REACTION**

[54] **PROCEDE D'EXFOLIATION DE MATERIAUX CARBONES CONTENANT DU GRAPHITE, ASSISTE PAR REACTION DE DIELS-ALDER**

[72] BASSANI, DARIO, FR

[72] VERLHAC, JEAN-BAPTISTE, FR

[72] BARES, HUGO FLORIAN, FR

[71] UNIVERSITE DE BORDEAUX, FR

[71] INSTITUT POLYTECHNIQUE DE BORDEAUX, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR

[85] 2015-12-09

[86] 2014-07-30 (PCT/FR2014/051976)

[87] (WO2015/015120)

[30] FR (1357602) 2013-07-31

[21] **2,915,090**  
[13] A1

[51] **Int.Cl. C12N 1/04 (2006.01) C05F 11/08 (2006.01) C12N 1/02 (2006.01) C12N 1/14 (2006.01) C12N 1/20 (2006.01) C12N 1/22 (2006.01) C12N 11/10 (2006.01) C12N 11/12 (2006.01)**

[25] EN

[54] **SOLID INOCULUM CARRIED IN A SUPERABSORBENT AGRO-PELLET WITH A VARIABLE VOLUME, OPERATING IN A NATURAL MINIFERMENTER, AND PRODUCTION METHOD**

[54] **INOCULUM SOLIDE SUPPORTE DANS UN AGROGRANULAT SUPERABSORBANT A VOLUME VARIABLE FONCTIONNANT EN MINIFERMENTEUR NATUREL ET PROCEDE D'OBTENTION**

[72] CHELLE, RENE, FR

[72] MAKOUMBOU, URBAIN, FR

[71] AB7 INNOVATION S.A.S.U., FR

[85] 2015-12-10

[86] 2014-07-22 (PCT/FR2014/000173)

[87] (WO2015/007964)

[30] FR (1301727) 2013-07-19

[21] **2,915,091**  
[13] A1

[51] **Int.Cl. C12N 5/071 (2010.01)**

[25] EN

[54] **SC-.BETA. CELLS AND COMPOSITIONS AND METHODS FOR GENERATING THE SAME**

[54] **CELLULES ? DERIVEES DE CELLULES SOUCHES ET COMPOSITIONS ET PROCEDES POUR GENERER CES CELLULES**

[72] PETERSON, QUINN P., US

[72] PAGLIUCA, FELICIA J., US

[72] MELTON, DOUGLAS A., US

[72] MILLMAN, JEFFREY R., US

[72] SEGEL, MICHAEL SARIS, US

[72] GURTLER, MADS, US

[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US

[85] 2015-12-10

[86] 2014-06-11 (PCT/US2014/041992)

[87] (WO2014/201167)

[30] US (61/833,898) 2013-06-11

[30] US (61/972,212) 2014-03-28

[21] **2,915,092**  
[13] A1

[51] **Int.Cl. G01N 33/70 (2006.01)**

[25] EN

[54] **METHODS FOR DETERMINING TOTAL BODY SKELETAL MUSCLE MASS**

[54] **PROCEDES DE DETERMINATION DE LA MASSE MUSCULAIRE SQUELETTIQUE TOTALE DU CORPS**

[72] HELLERSTEIN, MARC K., US

[72] EVANS, WILLIAM, US

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO. 2) LIMITED, GB

[85] 2015-12-10

[86] 2014-06-12 (PCT/US2014/042186)

[87] (WO2014/201291)

[30] US (61/834,267) 2013-06-12

[30] US (61/888,105) 2013-10-08

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[21] **2,915,093**  
[13] A1

[51] **Int.Cl. H02H 3/00 (2006.01) H02H 9/00 (2006.01)**  
[25] EN  
[54] **ADAPTIVE ARC FAULT DETECTION TRIP DECISION BUFFER**  
[54] **TAMPON DE DECISION DE DECLenchement DE DEFaUT D'ARC ADAPTATIF**  
[72] SCHROEDER, JEREMY D., US  
[71] SCHNEIDER ELECTRIC USA, INC., US  
[85] 2015-12-09  
[86] 2013-06-27 (PCT/US2013/048074)  
[87] (WO2014/209311)

[21] **2,915,094**  
[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01) A63F 13/30 (2014.01)**  
[25] FR  
[54] **COMMUNICATION METHOD FOR AN INTERACTIVE APPLICATION BETWEEN TERMINALS IN A SCREEN PROJECTION ROOM**  
[54] **PROCEDE DE COMMUNICATION POUR UNE APPLICATION INTERACTIVE ENTRE TERMINAUX DANS UNE SALLE DE PROJECTION SUR ECRAN**  
[72] BORGOGNO, SYLVAIN, FR  
[71] HIGHLANDS TECHNOLOGIES SOLUTIONS, FR  
[85] 2015-12-10  
[86] 2014-02-28 (PCT/FR2014/050451)  
[87] (WO2014/202848)  
[30] FR (13 55886) 2013-06-20

[21] **2,915,095**  
[13] A1

[51] **Int.Cl. H01H 9/20 (2006.01) H01H 9/46 (2006.01) H01H 71/00 (2006.01) H01H 71/02 (2006.01)**  
[25] EN  
[54] **PLUG-ON NEUTRAL CONNECTION**  
[54] **CONNEXION DE NEUTRE ENFICHABLE**  
[72] PEARSON, DAVID R., US  
[72] POTRATZ, JASON, US  
[71] SCHNEIDER ELECTRIC USA, INC., US  
[85] 2015-12-09  
[86] 2013-06-27 (PCT/US2013/048270)  
[87] (WO2014/209325)

[21] **2,915,096**  
[13] A1

[51] **Int.Cl. B63H 25/44 (2006.01) B63H 20/34 (2006.01) B63H 25/48 (2006.01)**  
[25] EN  
[54] **BOAT SPEED MINIMISATION SYSTEM**  
[54] **SYSTEME PERMETTANT DE REDUIRE AU MINIMUM LA VITESSE D'UN BATEAU**  
[72] PIETSCH, HOWARD CHARLES, AU  
[71] PIETSCH, HOWARD CHARLES, AU  
[85] 2015-12-11  
[86] 2013-02-22 (PCT/AU2013/000166)  
[87] (WO2013/188901)  
[30] AU (2012902594) 2012-06-20

[21] **2,915,097**  
[13] A1

[51] **Int.Cl. C12N 5/071 (2010.01) C12N 5/0735 (2010.01) C12N 5/074 (2010.01)**  
[25] EN  
[54] **RENAL PROGENITOR CELLS**  
[54] **CELLULES PROGENITRICES RENALES**  
[72] LITTLE, MELISSA, AU  
[72] TAKASATO, MINORU, AU  
[71] THE UNIVERSITY OF QUEENSLAND, AU  
[85] 2015-12-11  
[86] 2014-06-13 (PCT/AU2014/000608)  
[87] (WO2014/197934)  
[30] AU (2013902215) 2013-06-14  
[30] AU (2013904580) 2013-11-27

[21] **2,915,098**  
[13] A1

[51] **Int.Cl. H01H 9/34 (2006.01) H02B 11/04 (2006.01)**  
[25] EN  
[54] **INTERNAL ARC MANAGEMENT AND VENTILATION FOR ELECTRICAL EQUIPMENT**  
[54] **GESTION D'ARC INTERNE ET VENTILATION D'UN EQUIPEMENT ELECTRIQUE**  
[72] FABER, TIMOTHY R., US  
[72] WOODSON, CAMERON, US  
[72] SIEFKES, JUSTIN, US  
[71] SCHNEIDER ELECTRIC USA, INC., US  
[85] 2015-12-09  
[86] 2013-07-17 (PCT/US2013/050797)  
[87] (WO2015/009291)

[21] **2,915,099**  
[13] A1

[51] **Int.Cl. E02D 17/13 (2006.01)**  
[25] EN  
[54] **METHOD AND FACILITY FOR MANUFACTURING A CONTINUOUS WALL IN THE GROUND**  
[54] **PROCEDE ET INSTALLATION DE FABRICATION D'UNE PAROI CONTINUE DANS LE SOL**  
[72] STEFF DE VERNINAC, BERTRAND, FR  
[72] DARSON-BALLEUR, SABINE, FR  
[72] RENALIER, FLORENCE, FR  
[72] COUDRY, MICHEL, FR  
[71] SOLETANCHE FREYSSINET, FR  
[85] 2015-12-10  
[86] 2014-06-11 (PCT/FR2014/051412)  
[87] (WO2014/199078)  
[30] FR (1355437) 2013-06-12

[21] **2,915,100**  
[13] A1

[51] **Int.Cl. E06B 3/82 (2006.01) E06B 3/30 (2006.01) E06B 3/70 (2006.01) E06B 5/16 (2006.01)**  
[25] EN  
[54] **DOOR AND METHOD OF FORMING A DOOR**  
[54] **PORTE ET PROCEDE DE FORMATION D'UNE PORTE**  
[72] BERTOVIC, TOMO ZVONKO, AU  
[71] INTER-JOIN PTY LTD, AU  
[85] 2015-12-11  
[86] 2014-06-14 (PCT/AU2014/000623)  
[87] (WO2014/197945)  
[30] AU (2013100831) 2013-06-14

[21] **2,915,101**  
[13] A1

[51] **Int.Cl. E04F 13/00 (2006.01)**  
[25] EN  
[54] **THERMOPLASTIC TILE PANEL FOR ARCHITECTURAL COVERING**  
[54] **PANNEAU DE CARREAUX THERMOPLASTIQUES POUR LE REVETEMENT DE BATIMENTS**  
[72] SORANO, RAFAEL GONCALVES DE SOUZA, BR  
[71] PLASLATINA INDUSTRIA PLASTICA LTDA-ME, BR  
[85] 2015-12-11  
[86] 2014-05-28 (PCT/BR2014/000177)  
[87] (WO2014/197956)  
[30] BR (BR 20 2013 014633 7) 2013-06-12

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[21] **2,915,102**  
[13] A1

[51] **Int.Cl. C01F 5/24 (2006.01) C01F 11/18 (2006.01)**  
[25] FR  
[54] **MINERAL COMPOSITION BASED ON A MIXED SOLID PHASE OF CALCIUM AND MAGNESIUM CARBONATES AND PROCESS FOR PREPARING SUCH A COMPOSITION**  
[54] **COMPOSITION MINERALE A BASE D'UNE PHASE SOLIDE MIXTE DE CARBONATES DE CALCIUM ET DE MAGNESIUM ET PROCEDE DE PREPARATION D'UNE TELLE COMPOSITION**  
[72] LORGUILLOUX, MARION, BE  
[72] PELLETIER, MARC, FR  
[72] GARTNER, ROBERT SEBASTIAN, BE  
[72] CHOPIN, THIERRY, BE  
[71] S.A. LHOIST RECHERCHE ET DEVELOPPEMENT, BE  
[85] 2015-12-09  
[86] 2014-09-15 (PCT/EP2014/069625)  
[87] (WO2015/039994)  
[30] BE (2013/0617) 2013-09-19

[21] **2,915,103**  
[13] A1

[25] EN  
[54] **STABLE SWEETENER COMPOSITIONS**  
[54] **COMPOSITIONS STABLES D'EDULCORANT**  
[72] GALAEV, IGOR, NL  
[72] UIJEN, HENRIETTE MARIA WILHELMINA JACOBA CATHARINA, NL  
[72] LANKHORST, PETER PHILIP, NL  
[71] DSM IP ASSETS B.V., NL  
[85] 2015-12-10  
[86] 2014-07-31 (PCT/EP2014/066535)  
[87] (WO2015/014958)  
[30] US (13/956,103) 2013-07-31

[21] **2,915,104**  
[13] A1

[51] **Int.Cl. A61K 38/22 (2006.01) A61K 47/48 (2006.01) A61P 3/10 (2006.01) A61P 5/48 (2006.01) A61P 5/50 (2006.01) A61P 9/10 (2006.01) A61P 25/28 (2006.01) C07K 1/113 (2006.01) C07K 14/575 (2006.01)**  
[25] EN  
[54] **NON-AGGLOMERATING BIOCONJUGATES OF AMYLIN-MIMETIC COMPOUNDS AND POLYETHYLENE GLYCOL**  
[54] **BIOCONJUGUES DE COMPOSES MIMETIQUE D'AMYLIN ET DE POLYETHYLENEGLYCOL NE S'AGGLOMERANT PAS**  
[72] TRAMBAIOLI DA ROCHA E LIMA, LUIS MAURICIO, BR  
[72] GUERREIRO ROSADO, LUIZ HENRIQUE, BR  
[72] AVILA NETTO GUTERRES, MARIANA FERNANDES DE, BR  
[72] MELO VIEIRA GONCALVES FERREIRA, BRUNO, BR  
[71] UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, BR  
[85] 2015-12-11  
[86] 2014-06-13 (PCT/BR2014/000199)  
[87] (WO2014/197961)  
[30] BR (BR 10 2013 017626-5) 2013-06-14

[21] **2,915,106**  
[13] A1

[51] **Int.Cl. F01D 25/18 (2006.01) F02C 7/28 (2006.01)**  
[25] FR  
[54] **TRUNNION FOR HIGH-PRESSURE TURBINE, AND TURBOJET ENGINE INCLUDING SUCH A TRUNNION**  
[54] **TOURILLON POUR TURBINE HAUTE PRESSION, ET TURBOREACTEUR INCLUANT UN TEL TOURILLON**  
[72] JUDET, MAURICE GUY, FR  
[72] COULOMBEAU, LAURENT JACQUES MICHEL, FR  
[72] GARIN, FABRICE, FR  
[71] SNECMA, FR  
[85] 2015-12-10  
[86] 2014-06-11 (PCT/FR2014/051420)  
[87] (WO2014/199083)  
[30] FR (1355443) 2013-06-12

[21] **2,915,109**  
[13] A1

[51] **Int.Cl. F16B 19/05 (2006.01) F16B 19/10 (2006.01)**  
[25] FR  
[54] **ASSEMBLY HAVING A TEMPERATURE-DEPENDENT SELF-TIGHTENING CONNECTION**  
[54] **ASSEMBLAGE A LIAISON AUTO-SERRANTE EN TEMPERATURE**  
[72] REVEL, THOMAS, FR  
[72] CARRERE, BENOIT, FR  
[72] MECUSON, GAUTIER, FR  
[71] HERAKLES, FR  
[85] 2015-12-10  
[86] 2014-06-17 (PCT/FR2014/051492)  
[87] (WO2014/202891)  
[30] FR (1355705) 2013-06-18

[21] **2,915,110**  
[13] A1

[51] **Int.Cl. C11D 3/22 (2006.01)**  
[25] EN  
[54] **STRUCTURED LIQUID COMPOSITIONS**  
[54] **COMPOSITIONS LIQUIDES STRUCTUREES**  
[72] FERNANDEZ-PRIETO, SUSANA, BE  
[72] LANT, NEIL JOSEPH, GB  
[72] GUIDA, VINCENZO, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2015-12-10  
[86] 2014-07-11 (PCT/US2014/046264)  
[87] (WO2015/006634)  
[30] EP (13176301.3) 2013-07-12

[21] **2,915,112**  
[13] A1

[51] **Int.Cl. C11D 1/62 (2006.01) C11D 3/00 (2006.01) C11D 3/22 (2006.01)**  
[25] EN  
[54] **STRUCTURED FABRIC CARE COMPOSITIONS**  
[54] **COMPOSITIONS D'ENTRETIEN DES TISSUS STRUCTURES**  
[72] FERNANDEZ-PRIETO, SUSANA, BE  
[72] LANT, NEIL JOSEPH, GB  
[72] SAVEYN, PIETER JAN MARIA, BE  
[72] GUIDA, VINCENZO, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2015-12-10  
[86] 2014-07-11 (PCT/US2014/046265)  
[87] (WO2015/006635)  
[30] EP (13176347.6) 2013-07-12

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[21] **2,915,113**  
[13] A1

[51] **Int.Cl. A01K 67/027 (2006.01) C12N 5/0735 (2010.01) C07K 16/00 (2006.01) C12N 5/16 (2006.01)**

[25] EN

[54] **TRANSGENIC NON-HUMAN MAMMAL FOR PRODUCING CHIMERIC HUMAN IMMUNOGLOBULIN E ANTIBODIES**

[54] **MAMMIFERE TRANSGENIQUE NON HUMAIN UTILISE EN VUE DE LA PRODUCTION D'ANTICORPS HUMAINS CHIMERES DE TYPE IMMUNOGLOBULINE E**

[72] COGNE, MICHEL, FR

[72] LAFFLEUR, BRICE, FR

[72] CUVILLIER, ARMELLE, FR

[72] BOSSELUT, MARIE, FR

[71] B CELL DESIGN, FR

[71] UNIVERSITE DE LIMOGES, FR

[85] 2015-12-10

[86] 2014-07-03 (PCT/IB2014/062826)

[87] (WO2015/001510)

[30] EP (13305964.2) 2013-07-05

[21] **2,915,114**  
[13] A1

[51] **Int.Cl. H04N 19/70 (2014.01) H04N 19/105 (2014.01) H04N 19/159 (2014.01) H04N 19/174 (2014.01) H04N 19/597 (2014.01)**

[25] EN

[54] **PROCESSING ILLUMINATION COMPENSATION FOR VIDEO CODING**

[54] **TRAITEMENT DE LA COMPENSATION D'ECLAIRAGE POUR CODAGE VIDEO**

[72] ZHANG, LI, US

[72] CHEN, YING, US

[72] KARCZEWICZ, MARTA, US

[71] QUALCOMM INCORPORATED, US

[85] 2015-12-10

[86] 2014-07-16 (PCT/US2014/046874)

[87] (WO2015/009842)

[30] US (61/846,985) 2013-07-16

[30] US (14/332,105) 2014-07-15

[21] **2,915,115**  
[13] A1

[51] **Int.Cl. A61B 5/15 (2006.01) B29C 45/00 (2006.01)**

[25] EN

[54] **INTRA-MOLD STERILIZATION OF PLASTIC-EMBEDDED NEEDLE**

[54] **STERILISATION A L'INTERIEUR D'UN MOULE D'UNE AIGUILLE INCORPOREE DANS DU PLASTIQUE**

[72] SEIFERT, KEVIN J., US

[71] FACET TECHNOLOGIES, LLC, US

[85] 2015-12-10

[86] 2014-06-09 (PCT/US2014/041561)

[87] (WO2014/200923)

[30] US (61/833,088) 2013-06-10

[21] **2,915,116**  
[13] A1

[51] **Int.Cl. G06F 11/36 (2006.01) G06F 9/44 (2006.01)**

[25] EN

[54] **AUTOMATED GENERATION OF SCRIPTED AND MANUAL TEST CASES**

[54] **GENERATION AUTOMATISEE DE JEUX D'ESSAI PREDEFINIS ET MANUELS**

[72] CRAWSHAY, DAVID, US

[72] ANGHELESCU, FLORIN MUGUR, CA

[71] LANDMARK GRAPHICS CORPORATION, US

[85] 2015-12-10

[86] 2013-07-23 (PCT/US2013/051703)

[87] (WO2015/012814)

[21] **2,915,118**  
[13] A1

[51] **Int.Cl. A61B 5/15 (2006.01)**

[25] EN

[54] **LANCET NEEDLE WITH ALIGNMENT AND RETENTION NOTCH**

[54] **AIGUILLE DE LANCETTE AVEC ENCOCHE D'ALIGNEMENT ET DE RETENTION**

[72] SEIFERT, KEVIN J., US

[71] FACET TECHNOLOGIES, LLC, US

[85] 2015-12-10

[86] 2014-06-09 (PCT/US2014/041563)

[87] (WO2014/200924)

[30] US (61/833,090) 2013-06-10

[21] **2,915,119**  
[13] A1

[51] **Int.Cl. A61F 2/44 (2006.01) A61B 17/70 (2006.01)**

[25] EN

[54] **INTERSPINOUS PROCESS IMPLANT HAVING PIN DRIVEN ENGAGEMENT ARMS**

[54] **IMPLANT D'APOPHYSE INTER-EPINEUSE AYANT DES BRAS DE PRISE ENTRAINEES PAR UNE BROCHE**

[72] HESS, HAROLD, US

[72] MOSELEY, TODD, US

[72] FROCK, MELISSA, US

[72] ROGERS, ADAM, US

[71] SPINAL SIMPLICITY LLC, US

[85] 2015-12-10

[86] 2014-06-13 (PCT/US2014/042233)

[87] (WO2014/201317)

[30] US (61/834,964) 2013-06-14

[21] **2,915,121**  
[13] A1

[51] **Int.Cl. A61C 7/00 (2006.01) A61C 7/14 (2006.01)**

[25] EN

[54] **PROCESS FOR THE MANUFACTURE OF A PATIENT-SPECIFIC REPLACEMENT BRACKET FOR ORTHODONTIC TREATMENT AND A BRACKET MANUFACTURED ACCORDING TO THE PROCESS**

[54] **PROCEDE DE FABRICATION D'UN ATTACHEMENT ORTHODONTIQUE DE REMPLACEMENT SPECIFIQUE AU PATIENT POUR UN TRAITEMENT D'ORTHOPEDIE MAXILLAIRE, ET ATTACHEMENT ORTHODONTIQUE FABRIQUE PAR CE PROCEDE**

[72] WIECHMANN, DIRK, DE

[71] DW LINGUAL SYSTEMS GMBH, DE

[85] 2015-12-09

[86] 2014-05-14 (PCT/EP2014/059897)

[87] (WO2014/187715)

[30] DE (10 2013 209 735.2) 2013-05-24

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[21] **2,915,122**  
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01)**  
[25] EN  
[54] **PROTEIN PRODUCTION IN PLANTS**  
[54] **PRODUCTION DE PROTEINES DANS DES PLANTES**  
[72] PEET, RICHARD C., US  
[72] ROMMENS, CAIUS, US  
[72] CHRETIEN, ROBERT, US  
[72] YAN, HUA, US  
[72] OSUMI, TERUKO, US  
[71] J.R. SIMPLOT COMPANY, US  
[85] 2015-12-10  
[86] 2014-06-13 (PCT/US2014/042245)  
[87] (WO2014/201321)  
[30] US (61/835,274) 2013-06-14

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[21] **2,915,123**  
[13] A1

[51] **Int.Cl. H04W 8/18 (2009.01) G06Q 50/30 (2012.01)**  
[25] EN  
[54] **DETECTING CARRIERS FOR MOBILE DEVICES**  
[54] **DETECTION DE PORTEUSES POUR DES DISPOSITIFS MOBILES**  
[72] SHAO, WENQI, US  
[72] BAIN, ALEX, US  
[72] LIANG, YINGYI, US  
[72] SADEWHITE, JAMES, US  
[72] CHING, TSZ KUEN, US  
[71] FACEBOOK, INC., US  
[85] 2015-12-10  
[86] 2014-06-13 (PCT/US2014/042247)  
[87] (WO2014/204797)  
[30] US (13/922,144) 2013-06-19

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[21] **2,915,125**  
[13] A1

[51] **Int.Cl. G09F 3/00 (2006.01) G09F 3/02 (2006.01)**  
[25] EN  
[54] **PAD OF LABELS AND LABELS FOR USE ON STORE SHELVES IN A RETAIL ENVIRONMENT**  
[54] **BLOC D'ETIQUETTES ET ETIQUETTES POUR UTILISATION SUR DES ETAGERES DE MAGASINS DANS UN ENVIRONNEMENT DE VENTE AU DETAIL**  
[72] WEIDAUER, JEFFREY, US  
[72] WILKINSON, MICHAEL, US  
[72] BLACKWELL, JEFFREY, US  
[72] ATEN, SCOTT, US  
[72] ADLER, DAVID, US  
[72] BETHARDS, GENE, US  
[71] ELECTRONIC IMAGING SERVICES, INC., US  
[85] 2015-12-10  
[86] 2014-06-13 (PCT/US2014/042271)  
[87] (WO2014/201328)  
[30] US (61/835,219) 2013-06-14  
[30] US (61/880,410) 2013-09-20  
[30] US (14/081,703) 2013-11-15  
[30] US (14/254,113) 2014-04-16

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[21] **2,915,126**  
[13] A1

[51] **Int.Cl. B26B 21/40 (2006.01) B26B 21/44 (2006.01)**  
[25] EN  
[54] **SHAVING BLADE ASSEMBLY**  
[54] **ENSEMBLE LAME DE RASAGE**  
[72] BOZIKIS, IOANNIS, GR  
[71] BIC-VIOLEX SA, GR  
[85] 2015-12-10  
[86] 2013-06-19 (PCT/EP2013/062811)  
[87] (WO2014/202139)

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[21] **2,915,127**  
[13] A1

[51] **Int.Cl. A61K 31/198 (2006.01) A61K 31/445 (2006.01) A61K 38/47 (2006.01) A61P 3/00 (2006.01)**  
[25] EN  
[54] **ALLOSTERIC CHAPERONES AND USES THEREOF**  
[54] **CHAPERONNES ALLOSTERIQUES ET LEURS UTILISATIONS**  
[72] PARENTI, GIANCARLO, IT  
[72] PORTO, CATERINA, IT  
[72] MORACCI, MARCO, IT  
[72] FERRARA, MARIA CARMINA, IT  
[72] COBUCCI-PONZANO, BEATRICE, IT  
[72] ANDRIA, GENEROSO, IT  
[71] CONSIGLIO NAZIONALE DELLE RICERCHE, IT  
[71] FONDAZIONE TELETHON, IT  
[85] 2014-12-08  
[86] 2013-06-06 (PCT/EP2013/061730)  
[87] (WO2013/182652)  
[30] US (61/656,246) 2012-06-06

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[21] **2,915,128**  
[13] A1

[51] **Int.Cl. C09D 11/00 (2014.01) C09D 11/02 (2014.01)**  
[25] EN  
[54] **NANOPARTICLE-BASED INK FORMULATIONS**  
[54] **FORMULATIONS D'ENCRE A BASE DE NANOPARTICULES**  
[72] PIETRI, EMMANUELLE, FR  
[72] EL QACEMI, VIRGINIE, FR  
[72] KAUFFMAN, LOUIS DOMINIQUE, FR  
[72] VERSINI, CORINNE, FR  
[72] DIDANE, YAHIA, FR  
[71] GENES'INK SA, FR  
[85] 2015-12-09  
[86] 2014-06-26 (PCT/EP2014/063592)  
[87] (WO2015/000796)  
[30] FR (1301570) 2013-07-03

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[21] **2,915,129**  
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/47 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **PHOSPHATIDYLINOSITOL 3-KINASE INHIBITORS**  
[54] **INHIBITEURS DE PHOSPHATIDYLINOSITOL 3-KINASE**  
[72] EVARTS, JERRY, US  
[72] KAPLAN, JOSHUA, US  
[72] KIM, MUSONG, US  
[72] PATEL, LEENA, US  
[72] PERREAULT, STEPHANE, US  
[72] PHILLIPS, GARY, US  
[72] TREIBERG, JENNIFER A., US  
[72] VAN VELDHUIZEN, JOSHUA, US  
[71] GILEAD SCIENCES, INC., US  
[85] 2015-12-10  
[86] 2014-06-13 (PCT/US2014/042392)  
[87] (WO2014/201409)  
[30] US (61/835,333) 2013-06-14

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[21] **2,915,130**  
[13] A1

[51] **Int.Cl. H04W 74/08 (2009.01)**  
[25] EN  
[54] **LTE CHANNEL ACCESS OVER UNLICENSED BANDS**  
[54] **ACCES A UN CANAL D'EVOLUTION A LONG TERME (LTE) SUR DES BANDES NON AUTORISEES**  
[72] YERRAMALLI, SRINIVAS, US  
[72] LUO, TAO, US  
[72] BHUSHAN, NAGA, US  
[72] GAAL, PETER, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2015-12-10  
[86] 2014-06-30 (PCT/US2014/044797)  
[87] (WO2015/009433)  
[30] US (61/847,369) 2013-07-17  
[30] US (14/317,090) 2014-06-27

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[21] **2,915,131**  
[13] A1

[51] **Int.Cl. A61K 31/713 (2006.01) A61K 47/22 (2006.01) A61K 47/26 (2006.01) A61K 47/36 (2006.01)**  
[25] EN  
[54] **FREEZE-DRIED POLYELECTROLYTE COMPLEXES THAT MAINTAIN SIZE AND BIOLOGICAL ACTIVITY**  
[54] **COMPLEXES DE POLYELECTROLYTES LYOPHILISES QUI MAINTIENNENT LES DIMENSIONS ET L'ACTIVITE BIOLOGIQUE**  
[72] BUSCHMANN, MICHAEL D., CA  
[72] LAVERTU, MARC, CA  
[72] VEILLEUX, DANIEL, CA  
[71] POLYVALOR, SOCIETE EN COMMANDITE, CA  
[85] 2015-12-10  
[86] 2014-06-09 (PCT/CA2014/000490)  
[87] (WO2014/197970)  
[30] US (61/833,010) 2013-06-10

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[21] **2,915,133**  
[13] A1

[51] **Int.Cl. E21B 47/13 (2012.01) E21B 17/04 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR GENERATING ELECTROMAGNETIC TELEMETRY SIGNALS**  
[54] **PROCEDES ET APPAREILS POUR GENERER DES SIGNAUX DE TELEMETRIE ELECTROMAGNETIQUES**  
[72] LOGAN, AARON W., CA  
[72] AHMOYE, DANIEL W., CA  
[72] SWITZER, DAVID, CA  
[72] LOGAN, JUSTIN C., CA  
[72] DERKACZ, PATRICK R., CA  
[72] KAZEMI MIRAKI, MOJTABA, CA  
[71] EVOLUTION ENGINEERING INC., CA  
[85] 2015-12-10  
[86] 2014-06-20 (PCT/CA2014/050590)  
[87] (WO2014/201572)  
[30] US (61/838,196) 2013-06-21

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[21] **2,915,134**  
[13] A1

[51] **Int.Cl. B05D 7/08 (2006.01)**  
[25] EN  
[54] **DIRECT IMPRINTED PANEL WITH TWO-LAYER-STRUCTURE**  
[54] **PANNEAU DIRECTEMENT IMPRIME POURVU D'UN SYSTEME DE DEUX COUCHES**  
[72] DOHRING, DIETER, DE  
[71] KRONOPLUS TECHNICAL AG, CH  
[85] 2015-12-10  
[86] 2013-06-20 (PCT/EP2013/062905)  
[87] (WO2014/202143)

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[21] **2,915,135**  
[13] A1

[51] **Int.Cl. C09D 11/03 (2014.01) A01N 25/34 (2006.01) A61K 8/02 (2006.01) A61Q 13/00 (2006.01)**  
[25] EN  
[54] **MATRIX WITH FUNCTIONAL COMPOUND AND FILM-FORMING AGENT**  
[54] **MATRICE**  
[72] JARVENPAA, JANNE, FI  
[72] HOLOPAINEN, KARI, FI  
[71] OPES CORPORATION OY, FI  
[85] 2015-12-11  
[86] 2014-06-06 (PCT/FI2014/050458)  
[87] (WO2014/199011)  
[30] FI (PCT/FI2013/050649) 2013-06-13

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[21] **2,915,136**  
[13] A1

[51] **Int.Cl. E21B 47/18 (2012.01) E21B 4/14 (2006.01)**  
[25] EN  
[54] **MUD HAMMER**  
[54] **MARTEAU A BOUE**  
[72] LOGAN, AARON W., CA  
[72] LOGAN, JUSTIN C., CA  
[71] EVOLUTION ENGINEERING INC., CA  
[85] 2015-12-10  
[86] 2014-06-20 (PCT/CA2014/050591)  
[87] (WO2014/201573)  
[30] US (61/838,199) 2013-06-21

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[21] **2,915,138**  
[13] A1

[51] **Int.Cl. A61B 5/11 (2006.01) A61G 11/00 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **SYSTEM, METHOD AND DEVICE FOR MONITORING LIGHT AND SOUND IMPACT ON A PERSON**

[54] **SYSTEME, PROCEDE ET DISPOSITIF POUR SURVEILLER UN IMPACT LUMINEUX ET SONORE SUR UNE PERSONNE**

[72] KAESTLE, SIEGFRIED WALTER, NL

[71] KONINKLIJKE PHILIPS N.V., NL

[85] 2015-12-10

[86] 2014-06-02 (PCT/EP2014/061316)

[87] (WO2014/198570)

[30] EP (13171351.3) 2013-06-11

[30] US (61/833,475) 2013-06-11

[21] **2,915,139**  
[13] A1

[51] **Int.Cl. C03C 17/00 (2006.01) C03C 17/42 (2006.01) G02B 1/10 (2015.01) G02B 1/11 (2015.01)**

[25] FR

[54] **ITEM COATED WITH A SILICON/ORGANIC LAYER IMPROVING THE PERFORMANCES OF AN OUTER COATING**

[54] **ARTICLE REVETU D'UNE COUCHE DE NATURE SILICO-ORGANIQUE AMELIORANT LES PERFORMANCES D'UN REVETEMENT EXTERNE**

[72] CHIAROTTO, SEBASTIEN, FR

[72] FAURE, BRUCE, FR

[72] PEGA, STEPHANIE, FR

[72] SCHERER, KARIN, FR

[71] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR

[85] 2015-12-11

[86] 2014-06-13 (PCT/FR2014/051463)

[87] (WO2014/199103)

[30] FR (1355604) 2013-06-14

[21] **2,915,141**  
[13] A1

[51] **Int.Cl. A61K 38/36 (2006.01) A01K 67/027 (2006.01) A61P 7/04 (2006.01) C07K 14/745 (2006.01) C12N 9/64 (2006.01)**

[25] FR

[54] **FACTEUR VII TRANSGENIQUE PRESENTANT UNE N-GLYCOSYLATION SPECIFIQUE ET POINT ISOELECTRIQUE SUBSTANTIELLEMENT HOMOGENE**

[54] **FACTOR VII COMPOSITION HAVING A SUBSTANTIALLY HOMOGENEOUS ISOELECTRIC POINT**

[72] CHEVREUX, GUILLAUME, FR

[71] LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES, FR

[85] 2015-12-10

[86] 2014-06-10 (PCT/EP2014/062051)

[87] (WO2014/198735)

[30] FR (FR 13/55403) 2013-06-11

[21] **2,915,143**  
[13] A1

[51] **Int.Cl. C12N 15/85 (2006.01) A61K 35/12 (2015.01)**

[25] EN

[54] **CELL POPULATIONS, METHODS OF TRANSDIFFERENTIATION AND METHODS OF USE THEREOF**

[54] **POPULATIONS CELLULAIRES, PROCEDES DE TRANSDIFFERENCIATION ET LEURS PROCEDES D'UTILISATION**

[72] FERBER, SARAH, IL

[71] ORGENESIS LTD., IL

[71] TEL HASHOMER-MEDICAL RESEARCH, INFRASTRUCTURE AND SERVICES LTD., IL

[85] 2015-12-11

[86] 2014-06-13 (PCT/IB2014/002164)

[87] (WO2014/207578)

[30] US (61/834,759) 2013-06-13

[30] US (61/834,767) 2013-06-13

[21] **2,915,145**  
[13] A1

[51] **Int.Cl. A61K 49/04 (2006.01) A61K 9/08 (2006.01) A61K 9/51 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR USE IN ONCOLOGY**

[54] **COMPOSITIONS ET PROCEDES DESTINES A ETRE UTILISES EN ONCOLOGIE**

[72] POUL, LAURENCE, FR

[72] LEVY, LAURENT, FR

[72] BERJAUD, CELINE, FR

[72] GERMAIN, MATTHIEU, FR

[72] POTTIER, AGNES, FR

[71] NANOBIOFIX, FR

[85] 2015-12-10

[86] 2014-06-19 (PCT/EP2014/062976)

[87] (WO2014/202738)

[30] EP (13305830.5) 2013-06-20

[30] US (61/837,406) 2013-06-20

[21] **2,915,147**  
[13] A1

[51] **Int.Cl. C08G 18/48 (2006.01) C08F 283/00 (2006.01) C08F 290/06 (2006.01) C08G 18/08 (2006.01) C08G 18/10 (2006.01) C08G 18/32 (2006.01) C08G 18/34 (2006.01) C08G 18/42 (2006.01) C08G 18/66 (2006.01) C08G 18/75 (2006.01) C08G 18/76 (2006.01) C08G 18/81 (2006.01) C09D 175/06 (2006.01) C09D 175/08 (2006.01)**

[25] EN

[54] **AQUEOUS DISPERSION OF A COPOLYMER**

[54] **DISPERSION AQUEUSE D'UN POLYMERE MIXTE**

[72] REUTER, HARDY, DE

[72] STEINMETZ, BERNHARD, DE

[72] BLOHM, MATTHIAS, DE

[72] TEICHMANN, CARSTEN, DE

[72] GOB, BIANCA, DE

[71] BASF COATINGS GMBH, DE

[85] 2015-12-10

[86] 2014-06-04 (PCT/EP2014/061551)

[87] (WO2015/007427)

[30] EP (13176912.7) 2013-07-17

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[21] **2,915,149**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/00 (2006.01) C40B 30/04 (2006.01)**  
[25] EN  
[54] **CATALYTIC NUCLEIC ACID AND GOLD NANOPARTICLES FOR DETECTION OF BIOMOLECULES**  
[54] **ACIDE NUCLEIQUE CATALYTIQUE ET NANOPARTICULES D'OR POUR LA DETECTION DE BIOMOLECULES**  
[72] CHAN, WARREN CHE WOR, CA  
[72] ZAGOROVSKY, KYRYLO, CA  
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA  
[85] 2015-12-11  
[86] 2013-06-12 (PCT/CA2013/050442)  
[87] (WO2014/197965)

[21] **2,915,150**  
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 50/24 (2012.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR IMPLEMENTING A 64 BIT DATA SEARCHING AND DELIVERY PORTAL**  
[54] **SYSTEME ET PROCEDE POUR IMPLÉMENTER UNE RECHERCHE DE DONNEES SUR 64 BITS ET PORTAIL DE LIVRAISON**  
[72] CHARLOT, REGIS, US  
[72] NAEYMI-RAD, FRANK, US  
[72] BODAL, AZIZ, US  
[72] CARDWELL, MATTHEW, US  
[72] OGANESOVA, ALINA, US  
[72] YOUNG, ANDRE, US  
[72] MASARIE, FRED, US  
[72] ALVIN, DAVID, US  
[72] HAINES, DAVID, US  
[72] MALDONADO, JOSE, US  
[72] KOBASHI, MASAYO, US  
[71] INTELLIGENT MEDICAL OBJECTS, INC., US  
[85] 2015-12-10  
[86] 2014-07-28 (PCT/US2014/048356)  
[87] (WO2015/026485)  
[30] US (13/971,653) 2013-08-20

[21] **2,915,153**  
[13] A1

[51] **Int.Cl. A61B 3/14 (2006.01)**  
[25] EN  
[54] **INTEGRATED OCT-REFRACTOMETER SYSTEM FOR OCULAR BIOMETRY**  
[54] **SYSTEME A REFRACTOMETRE A OCT INTEGRES DE BIOMETRIE OCULAIRE**  
[72] ARTSYUKHOVICH, ALEXANDER N., US  
[72] ASLAN, Z. ARAS, US  
[72] YU, LINGFENG, US  
[72] BOUKHNY, MIKHAIL, US  
[71] NOVARTIS AG, CH  
[85] 2015-12-10  
[86] 2014-09-18 (PCT/US2014/056381)  
[87] (WO2015/042305)  
[30] US (14/031,799) 2013-09-19

[21] **2,915,155**  
[13] A1

[51] **Int.Cl. H01L 23/49 (2006.01) H01L 23/50 (2006.01) H01L 23/66 (2006.01)**  
[25] EN  
[54] **ELECTRONIC DEVICE HAVING A LEAD WITH SELECTIVELY MODIFIED ELECTRICAL PROPERTIES**  
[54] **DISPOSITIF ELECTRONIQUE AYANT UN CONDUCTEUR A PROPRIETES ELECTRIQUES SELECTIVEMENT MODIFIEES**  
[72] CAHILL, SEAN S., US  
[72] SANJUAN, ERIC A., US  
[71] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE  
[85] 2015-12-11  
[86] 2014-07-02 (PCT/EP2014/001824)  
[87] (WO2015/000595)  
[30] US (61/842,945) 2013-07-03

[21] **2,915,156**  
[13] A1

[51] **Int.Cl. A47L 1/06 (2006.01)**  
[25] EN  
[54] **ATTACHABLE RECEPTACLE**  
[54] **RESERVOIR AMOVIBLE**  
[72] BEIJ, JACQUES, DE  
[71] BEIJ, JACQUES, DE  
[85] 2015-12-11  
[86] 2014-05-30 (PCT/EP2014/061238)  
[87] (WO2014/198559)  
[30] DE (DE 10 2013 106 238.5) 2013-06-14

[21] **2,915,159**  
[13] A1

[51] **Int.Cl. A61M 5/42 (2006.01) A61M 5/20 (2006.01)**  
[25] EN  
[54] **INJECTION DEVICE**  
[54] **DISPOSITIF D'INJECTION**  
[72] BITAR, AHMAD, GB  
[72] JENNINGS, DOUGLAS IVAN, GB  
[71] CILAG GMBH INTERNATIONAL, CH  
[85] 2015-12-11  
[86] 2014-06-11 (PCT/EP2014/062163)  
[87] (WO2014/198794)  
[30] GB (1310394.0) 2013-06-11

[21] **2,915,160**  
[13] A1

[51] **Int.Cl. C11D 17/04 (2006.01) C11D 3/386 (2006.01) C11D 11/00 (2006.01) D06F 39/02 (2006.01)**  
[25] EN  
[54] **STAIN TREATMENT DEVICE AND PROCESS**  
[54] **DISPOSITIF DE TRAITEMENT DE TACHE ET PROCEDE**  
[72] BENSON, PAUL, GB  
[72] COOLEY, STUART STEPHEN, GB  
[72] SMITH, ELIZABETH JANE, GB  
[71] UNILEVER PLC, GB  
[85] 2015-12-11  
[86] 2014-06-06 (PCT/EP2014/061863)  
[87] (WO2014/206712)  
[30] EP (13174148.0) 2013-06-27

[21] **2,915,161**  
[13] A1

[51] **Int.Cl. A47B 96/20 (2006.01) B27D 5/00 (2006.01) B29C 63/00 (2006.01) B32B 1/04 (2006.01) B32B 15/08 (2006.01) B32B 15/098 (2006.01)**  
[25] EN  
[54] **FIRE-RETARDANT EDGE MATERIAL FOR PANELS, CORRESPONDING SANDWICH PANEL, AND FIRE-RETARDANT COVER LAYER**  
[54] **MATERIEL DE CHANTS IGNIFUGE POUR DES PANNEAUX, PANNEAU SANDWICH CORRESPONDANT AINSI QUE COUCHE DE REVETEMENT IGNIFUGE**  
[72] REIFFERSCHIED, MORITZ, DE  
[71] LUFTHANSA TECHNIK AG, DE  
[85] 2015-12-11  
[86] 2014-07-15 (PCT/EP2014/065150)  
[87] (WO2015/010960)  
[30] DE (10 2013 214 391.5) 2013-07-23

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[21] **2,915,163**  
[13] A1

[51] **Int.Cl. A61K 31/198 (2006.01) A61K 31/165 (2006.01) A61P 21/00 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **NEW THERAPEUTIC USES OF ENZYME INHIBITORS**

[54] **NOUVELLES UTILISATIONS THERAPEUTIQUES D'INHIBITEURS ENZYMATIQUES**

[72] MULVANY, KENNETH, GB

[72] PRITCHARD, MARTYN, GB

[71] PROXIMAGEN LIMITED, GB

[85] 2015-12-11

[86] 2014-06-12 (PCT/GB2014/051817)

[87] (WO2014/199171)

[30] GB (1310488.0) 2013-06-12

[30] GB (1322036.3) 2013-12-12

[21] **2,915,164**  
[13] A1

[51] **Int.Cl. A61K 31/05 (2006.01) A61K 31/19 (2006.01) A61K 31/191 (2006.01) A61K 31/7034 (2006.01) A61K 31/7048 (2006.01) A61P 25/00 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **COMBINATION OF PENTACYCLIC TRITERPENES AND HYDROXYTYROSOL AND DERIVATIVES THEREOF**

[54] **COMBINAISON DE TRITERPENES PENTACYCLIQUES ET D'HYDROXYTYROSOL ET DERIVES DE CEUX-CI**

[72] QUINTELA FERNANDEZ, JOSE CARLOS, ES

[72] DE LA FUENTE GARCIA, ESTHER, ES

[72] PUGLIESE, MARCO, ES

[72] MANCERA AROCA, PILAR, ES

[72] BUSTOS SANTAFAE, JAVIER, ES

[72] ESPINOSA PARRILLA, JUAN FRANCISCO, ES

[72] VIRGILI TRESERRES, NOEMI, ES

[72] WAPPENHANS BATTESTINI, BLANCA, ES

[71] NATAC BIOTECH, S.L, ES

[85] 2015-12-11

[86] 2014-06-12 (PCT/EP2014/062269)

[87] (WO2014/198842)

[30] EP (13171906.4) 2013-06-13

[21] **2,915,166**  
[13] A1

[51] **Int.Cl. G02C 7/08 (2006.01)**

[25] EN

[54] **FOCAL LENGTH ADJUSTMENT**

[54] **REGLAGE DE LA DISTANCE FOCALE**

[72] STEVENS, ROBERT, GB

[72] HOLLAND, BENJAMIN, GB

[72] NISPER, JON, GB

[72] MACKENZIE, GRAEME, GB

[71] ADLENS LIMITED, GB

[85] 2015-12-11

[86] 2014-06-13 (PCT/GB2014/051837)

[87] (WO2014/199180)

[30] GB (1310658.8) 2013-06-14

[21] **2,915,167**  
[13] A1

[51] **Int.Cl. G01S 5/02 (2010.01)**

[25] EN

[54] **IMPROVED METHOD FOR FINGERPRINT BASED LOCALIZATION OF MOBILE DEVICES**

[54] **PROCEDE AMELIORE DE LOCALISATION DE DISPOSITIFS MOBILES SUR LA BASE D'EMPREINTES DIGITALES**

[72] BURGESS, THOMAS, AT

[72] KRAINZ, MARKUS, AT

[71] INDOO.RS GMBH, AT

[85] 2015-12-11

[86] 2014-06-13 (PCT/EP2014/062388)

[87] (WO2014/198898)

[30] US (61/834,894) 2013-06-14

[30] US (61/835,553) 2013-06-15

[21] **2,915,169**  
[13] A1

[51] **Int.Cl. C07K 7/64 (2006.01) A61K 38/12 (2006.01) A61K 39/12 (2006.01) A61K 47/48 (2006.01) C07K 14/045 (2006.01) C07K 14/47 (2006.01)**

[25] EN

[54] **IMMUNOTHERAPY**

[54] **IMMUNOTHERAPIE**

[72] COBBOLD, MARK, GB

[72] MILLAR, DAVID, GB

[71] THE UNIVERSITY OF BIRMINGHAM, GB

[85] 2015-12-11

[86] 2014-07-04 (PCT/GB2014/052052)

[87] (WO2015/001361)

[30] GB (1312133.0) 2013-07-05

[21] **2,915,170**  
[13] A1

[51] **Int.Cl. B07C 5/342 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR SORTING PLANT MATERIAL UNITS**

[54] **APPAREIL ET PROCEDE POUR TRIER DES UNITES DE MATERIELS VEGETAUX**

[72] STRUIJK, WIM, NL

[72] VAN DER EL, WIM, NL

[71] IG SPECIALS B.V., NL

[85] 2015-12-11

[86] 2014-06-25 (PCT/EP2014/063453)

[87] (WO2014/207073)

[30] NL (2011066) 2013-06-28

[21] **2,915,171**  
[13] A1

[51] **Int.Cl. E21B 37/02 (2006.01) E21B 10/32 (2006.01) E21B 43/12 (2006.01)**

[25] EN

[54] **DOWNHOLE CLEANING TOOL AND CLEANING METHOD**

[54] **OUTIL DE NETTOYAGE DE FOND ET PROCEDE DE NETTOYAGE**

[72] LYKKEBO, JESPER LUNDGAARD, DK

[71] WELLTEC A/S, DK

[85] 2015-12-11

[86] 2014-06-26 (PCT/EP2014/063473)

[87] (WO2014/207084)

[30] EP (13173976.5) 2013-06-27

[21] **2,915,172**  
[13] A1

[51] **Int.Cl. C12M 1/107 (2006.01) C12M 1/00 (2006.01) C12M 1/02 (2006.01) C12M 1/34 (2006.01) C12M 1/36 (2006.01)**

[25] EN

[54] **METHOD FOR THE PRODUCTION OF A LIQUID FERTILISER AND A BIOGAS PLANT FOR THE IMPLEMENTATION OF THE METHOD**

[54] **PROCEDE POUR PRODUIRE UN ENGRAIS LIQUIDE ET INSTALLATION DE BIOGAZ POUR METTRE EN ~UVRE LE PROCEDE**

[72] LIEBENEINER, ROLF, DE

[71] BEKON HOLDING AG, DE

[85] 2015-12-11

[86] 2014-07-04 (PCT/EP2014/064338)

[87] (WO2015/001091)

[30] DE (102013213258.1) 2013-07-05

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[21] **2,915,173**  
[13] A1

[51] **Int.Cl. F28F 1/40 (2006.01)**  
[25] EN  
[54] **A TUBE FOR HEAT TRANSFER  
TUBE POUR TRANSFERT DE  
CHALEUR**  
[72] LANG, YANPING, CN  
[71] LUVATA ESPOO OY, FI  
[85] 2015-12-11  
[86] 2014-07-11 (PCT/EP2014/064939)  
[87] (WO2015/007645)  
[30] CN (201310301247.2) 2013-07-18

[21] **2,915,174**  
[13] A1

[51] **Int.Cl. A61K 38/07 (2006.01) C07K  
14/52 (2006.01)**  
[25] EN  
[54] **TETRAPEPTIDES DERIVED  
FROM HUMAN C-X-C  
CHEMOKINES USEFUL FOR  
TREATMENT OF VARIOUS SKIN  
CONDITIONS**  
[54] **TETRAPEPTIDES DERIVES DES  
CHIMIOKINES C-X-C HUMAINES  
POUVANT ETRE UTILISES EN  
VUE DU TRAITEMENT DE  
DIVERSES AFFECTIONS  
CUTANEEES**  
[72] ZHANG, LIJUAN, US  
[72] CARMICHAEL, ROBIN, US  
[71] HELIX BIOMEDIX INC., US  
[85] 2015-12-11  
[86] 2014-05-14 (PCT/US2014/037978)  
[87] (WO2014/200651)  
[30] US (61/835,424) 2013-06-14

[21] **2,915,176**  
[13] A1

[51] **Int.Cl. G01P 15/08 (2006.01) B81B  
5/00 (2006.01) B81C 1/00 (2006.01)  
G01P 15/125 (2006.01)**  
[25] EN  
[54] **ACCELERATION SENSOR AND  
METHOD FOR PRODUCING AN  
ACCELERATION SENSOR**  
[54] **DETECTEUR D'ACCELERATION  
ET PROCEDE DE PRODUCTION  
D'UN DETECTEUR  
D'ACCELERATION**  
[72] GEIGER, WOLFRAM, DE  
[72] BARTHOLOMEYCZIK, JULIAN, DE  
[72] LEINFELDER, PETER, DE  
[71] NORTHROP GRUMMAN LITEF  
GMBH, DE  
[85] 2015-10-22  
[86] 2014-03-27 (PCT/EP2014/000833)  
[87] (WO2014/177243)  
[30] DE (10 2013 007 593.9) 2013-05-02

[21] **2,915,177**  
[13] A1

[51] **Int.Cl. H02J 7/34 (2006.01)**  
[25] EN  
[54] **METHOD TO DECOUPLE  
BATTERY FROM HIGH LEVEL  
CRANKING CURRENTS OF  
DIESEL ENGINES**  
[54] **PROCEDE POUR DECOUPLER  
UNE BATTERIE DE COURANTS  
DE DEMARRAGE DE HAUT  
NIVEAU DE MOTEURS DIESEL**  
[72] KIRLEW, PATRICK, US  
[72] COCHRAN, MICHAEL JOSEPH, US  
[71] UNISON INDUSTRIES, LLC, US  
[85] 2015-12-11  
[86] 2014-05-29 (PCT/US2014/039885)  
[87] (WO2014/200697)  
[30] US (61/834,839) 2013-06-13

[21] **2,915,178**  
[13] A1

[51] **Int.Cl. E21B 47/02 (2006.01) E21B  
44/00 (2006.01)**  
[25] EN  
[54] **PROBABILISTIC  
METHODOLOGY FOR REAL  
TIME DRILLING**  
[54] **METHODOLOGIE PROBABILISTE  
POUR FORAGE EN TEMPS REEL**  
[72] YARUS, JEFFREY MARC, US  
[72] SRIVASTAVA, RAE MOHAN, CA  
[72] SAIKIA, KALYAN, US  
[72] YARUS, JORDAN MICHAEL, US  
[71] LANDMARK GRAPHICS  
CORPORATION, US  
[85] 2015-12-11  
[86] 2013-08-13 (PCT/US2013/054755)  
[87] (WO2015/023266)

[21] **2,915,181**  
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR  
DETERMINING CAPACITY IN  
COMPUTER ENVIRONMENTS  
USING DEMAND PROFILES**  
[54] **SYSTEME ET PROCEDE  
PERMETTANT DE DETERMINER  
LA CAPACITE DANS DES  
ENVIRONNEMENTS  
INFORMATIQUES A L'AIDE DE  
PROFILS DE DEMANDES**  
[72] YUYITUNG, TOM S., CA  
[72] DE CIANTIS, GIAMPIERO, CA  
[72] KOUZNETSOV, MIKHAIL, CA  
[71] CIRBA INC., CA  
[85] 2015-12-11  
[86] 2014-06-16 (PCT/CA2014/050561)  
[87] (WO2014/198001)  
[30] US (61/835,359) 2013-06-14

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[21] **2,915,183**  
[13] A1

[51] **Int.Cl. C09K 8/40 (2006.01) C09K 8/54 (2006.01) C09K 8/584 (2006.01) C09K 8/74 (2006.01) E21B 37/00 (2006.01) E21B 43/22 (2006.01)**

[25] EN

[54] **A MUTUAL SOLVENT FOR DOWNHOLE USE**

[54] **COSOLVANT DESTINE A ETRE UTILISE EN FOND DE TROU**

[72] KAKADJIAN, SARKIS R, US  
[72] HUBER, STEPHEN, US  
[72] RAMOS, VIOLETA, US  
[72] ZAMORA, FRANK, US  
[71] TRICAN WELL SERVICE LTD., CA  
[85] 2015-12-11  
[86] 2014-07-03 (PCT/CA2014/050630)  
[87] (WO2015/000077)  
[30] US (13/934,316) 2013-07-03

[21] **2,915,185**  
[13] A1

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

[25] EN

[54] **INJECTION DEVICE**

[54] **DISPOSITIF D'INJECTION**

[72] JENNINGS, DOUGLAS IVAN, GB  
[72] BITAR, AHMAD, GB  
[71] CILAG GMBH INTERNATIONAL, CH  
[85] 2015-12-11  
[86] 2014-06-11 (PCT/EP2014/062168)  
[87] (WO2014/198799)  
[30] GB (1310392.4) 2013-06-11

[21] **2,915,202**  
[13] A1

[51] **Int.Cl. F01L 9/04 (2006.01) F02D 41/20 (2006.01) G01R 31/06 (2006.01) H01F 7/18 (2006.01)**

[25] EN

[54] **PULSE WIDTH MODULATION CONTROL OF SOLENOID MOTOR**

[54] **COMMANDE DE MODULATION DE DUREE D'IMPULSIONS D'UN MOTEUR A SOLENOIDE**

[72] YOSHIDA, AMY M., US  
[72] KOSTRZEWA, THOMAS J., US  
[72] HUGHES, ERIC T., US  
[72] BREST, MICHAEL L., US  
[72] GRIFFIN, ERIC J., US  
[72] HERSHBERG, JERRY, US  
[71] RAYTHEON COMPANY, US  
[85] 2015-12-11  
[86] 2014-06-11 (PCT/US2014/042009)  
[87] (WO2014/201180)  
[30] US (61/833,592) 2013-06-11  
[30] US (61/833,599) 2013-06-11  
[30] US (61/833,587) 2013-06-11  
[30] US (14/088,176) 2013-11-22  
[30] US (14/091,128) 2013-11-26  
[30] US (14/170,276) 2014-01-31

[21] **2,915,203**  
[13] A1

[51] **Int.Cl. C08G 65/26 (2006.01) C08H 8/00 (2010.01) C08G 8/20 (2006.01) C08G 16/02 (2006.01) C08G 18/20 (2006.01) C08G 18/28 (2006.01) C08G 18/32 (2006.01) C08L 61/06 (2006.01) C08L 97/02 (2006.01) C09J 161/06 (2006.01)**

[25] EN

[54] **BIO-OIL POLYOLS, ALKOXYLATED BIO-OIL POLYOLS AND BIO-OIL PHENOLIC RESINS**

[54] **POLYOLS DE BIO-HUILES, POLYOLS DE BIO-HUILES ALCOXYLES ET RESINES PHENOLIQUES COMPRENANT DES BIO-HUILES**

[72] GARBARK, DANIEL, US  
[72] BENECKE, HERMAN, US  
[72] MOORE, MEGAN, US  
[72] PERRY, MARK J., US  
[72] CAFMEYER, JEFFREY T., US  
[71] BATTELLE MEMORIAL INSTITUTE, US  
[85] 2015-12-11  
[86] 2014-06-11 (PCT/US2014/042016)  
[87] (WO2014/201185)  
[30] US (61/833,882) 2013-06-11  
[30] US (61/833,884) 2013-06-11  
[30] US (61/861,023) 2013-08-01  
[30] US (61/917,931) 2013-12-18

[21] **2,915,204**  
[13] A1

[51] **Int.Cl. E06B 9/40 (2006.01) E06B 9/42 (2006.01) E06B 9/44 (2006.01)**

[25] EN

[54] **COVERING FOR AN ARCHITECTURAL OPENING HAVING NESTED ROLLERS**

[54] **COUVERTURE POUR OUVERTURE ARCHITECTURALE COMPRENANT DES ROULEAUX EMBOITES**

[72] BUCCOLA, NICKOLAS C., JR., US  
[72] DREW, TERRENCE M., US  
[72] FALLER, KENNETH M., US  
[72] SMITH, KENT A., US  
[71] HUNTER DOUGLAS INC., US  
[85] 2015-12-11  
[86] 2014-06-12 (PCT/US2014/042131)  
[87] (WO2014/201253)  
[30] US (61/834,080) 2013-06-12  
[30] US (14/212,387) 2014-03-14  
[30] US (14/213,449) 2014-03-14

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[21] **2,915,205**  
[13] A1

[51] **Int.Cl. E02D 15/06 (2006.01) E02D 27/52 (2006.01)**

[25] EN

[54] **OFFSHORE PREPARATION SYSTEM**

[54] **SYSTEME DE PREPARATION EN MER**

[72] PIENADO, RENE E., US

[71] MEEDL68 LP, US

[85] 2015-12-11

[86] 2014-06-12 (PCT/US2014/042151)

[87] (WO2014/201267)

[30] US (61/834,323) 2013-06-12

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[21] **2,915,206**  
[13] A1

[51] **Int.Cl. A61K 9/12 (2006.01) A61K 31/506 (2006.01) A61K 31/573 (2006.01) A61K 31/7034 (2006.01) A61K 47/06 (2006.01) A61K 47/10 (2006.01) A61K 47/18 (2006.01) A61K 47/30 (2006.01) A61K 47/34 (2006.01) A61P 17/00 (2006.01) A61P 23/00 (2006.01) A61P 31/04 (2006.01) A61P 31/10 (2006.01)**

[25] EN

[54] **NON-AEROSOL FOAMS FOR TOPICAL ADMINISTRATION**

[54] **MOUSSES NON AEROSOL POUR L'ADMINISTRATION TOPIQUE**

[72] MATHUR, RAJIV, CA

[72] ZHOU, MENG, CA

[72] TUSHAKIRAN, MALLIKA, CA

[71] CONTRACT PHARMACEUTICALS LIMITED, CA

[85] 2015-12-11

[86] 2014-06-16 (PCT/CA2014/000500)

[87] (WO2014/201541)

[30] US (61/835,986) 2013-06-17

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[21] **2,915,210**  
[13] A1

[51] **Int.Cl. C07K 16/12 (2006.01) A61K 39/104 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF BURKHOLDERIA INFECTIONS**

[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT D'INFECTIONS PAR BURKHOLDERIA**

[72] GOODMAN, STEVEN D., US

[72] BAKALETZ, LAUREN O., US

[72] AMER, AMAL, US

[71] RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL, US

[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US

[71] OHIO STATE INNOVATION FOUNDATION, US

[85] 2015-12-11

[86] 2014-06-12 (PCT/US2014/042201)

[87] (WO2014/201305)

[30] US (61/834,846) 2013-06-13

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[21] **2,915,211**  
[13] A1

[51] **Int.Cl. A61K 39/02 (2006.01)**

[25] EN

[54] **NOVEL PISCIRICKETTSIA SALMONIS ISOLATE**

[54] **NOUVEL ISOLAT DE PISCIRICKETTSIA SALMONIS**

[72] DUESUND, HENRIK, NO

[72] MENDOZAS, JULIO, CL

[71] CERMAQ AS, NO

[85] 2015-12-11

[86] 2014-06-13 (PCT/EP2014/062409)

[87] (WO2014/198913)

[30] US (61/834,885) 2013-06-14

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[21] **2,915,215**  
[13] A1

[51] **Int.Cl. A61G 1/02 (2006.01) A61G 13/00 (2006.01) A61G 13/02 (2006.01) A61G 13/12 (2006.01)**

[25] EN

[54] **PATIENT HOLDING HOSPITAL UNIT, PATIENT TRANSPORTATION SYSTEM AND PATIENT TRANSPORTATION AND LIFE SUPPORT SYSTEM**

[54] **UNITE D'HOPITAL DE SUPPORT DE PATIENT, SYSTEME DE TRANSPORT DE PATIENT ET SYSTEME DE TRANSPORT ET DE REANIMATION DE PATIENT**

[72] GIULIANOTTI, PIER, US

[72] VITTORI, ARTURO, US

[72] VOGLER, ANDREAS, US

[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US

[85] 2015-12-11

[86] 2014-06-13 (PCT/US2014/042277)

[87] (WO2014/201334)

[30] US (61/834,511) 2013-06-13

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[21] **2,915,216**  
[13] A1

[51] **Int.Cl. A61F 13/532 (2006.01) A61F 13/537 (2006.01)**

[25] EN

[54] **ABSORBENT ARTICLE AND ABSORBENT CORE FORMING CHANNELS WHEN WET**

[54] **ARTICLE ABSORBANT ET NOYAU ABSORBANT FORMANT DES CANAUX UNE FOIS MOUILLE**

[72] BIANCHI, ERNESTO GABRIEL, DE

[72] EHRNSPERGER, BRUNO JOHANNES, DE

[72] HOLLENBERG, DORIS, DE

[72] RINNERT, THORSTEN, DE

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2015-12-11

[86] 2014-06-05 (PCT/US2014/041059)

[87] (WO2014/200794)

[30] EP (13172113.6) 2013-06-14

[30] EP (14167432.5) 2014-05-07

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[21] **2,915,217**  
[13] A1

[51] **Int.Cl. F01L 9/04 (2006.01) F02D 41/20 (2006.01) G01R 31/06 (2006.01) H01F 7/18 (2006.01)**

[25] EN

[54] **METHOD FOR EMBEDDED FEEDBACK CONTROL FOR BI-STABLE ACTUATORS**

[54] **PROCEDE DE CONTROLE DE RETROACTION INTEGRE POUR ACTIONNEURS BI-STABLES**

[72] GRIFFIN, ERIC J., US  
[72] HERSHBERG, JERRY, US  
[71] RAYTHEON COMPANY, US  
[85] 2015-12-11  
[86] 2014-06-11 (PCT/US2014/041963)  
[87] (WO2014/201150)  
[30] US (61/833,587) 2013-06-11  
[30] US (61/833,599) 2013-06-11  
[30] US (61/833,592) 2013-06-11  
[30] US (14/091,128) 2013-11-26

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[21] **2,915,218**  
[13] A1

[51] **Int.Cl. F01L 9/04 (2006.01) F02D 41/20 (2006.01) G01R 31/06 (2006.01) H01F 7/18 (2006.01)**

[25] EN

[54] **VACUUM STABLE MECHANISM DRIVE ARM**

[54] **BRAS D'ENTRAINEMENT DE MECANISME STABLE SOUS VIDE**

[72] GRIFFIN, ERIC J., US  
[72] BREST, MICHAEL L., US  
[72] SUNADA, WALLACE H., US  
[71] RAYTHEON COMPANY, US  
[85] 2015-12-11  
[86] 2014-06-11 (PCT/US2014/041966)  
[87] (WO2014/201153)  
[30] US (61/833,587) 2013-06-11  
[30] US (61/833,599) 2013-06-11  
[30] US (61/833,592) 2013-06-11  
[30] US (14/088,176) 2013-11-22

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[21] **2,915,219**  
[13] A1

[51] **Int.Cl. A41D 13/12 (2006.01)**

[25] EN

[54] **SURGICAL SUIT**

[54] **VETEMENT CHIRURGICAL**

[72] GIULIANOTTI, PIER, US  
[72] VITTORI, ARTURO, US  
[72] VOGLER, ANDREAS, US  
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US  
[85] 2015-12-11  
[86] 2014-06-13 (PCT/US2014/042279)  
[87] (WO2014/201336)  
[30] US (61/834,506) 2013-06-13

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[21] **2,915,221**  
[13] A1

[51] **Int.Cl. C08J 9/40 (2006.01) B01J 13/00 (2006.01) C04B 28/00 (2006.01) C04B 28/24 (2006.01) C04B 38/00 (2006.01) E04B 1/74 (2006.01)**

[25] EN

[54] **COMPOSITE INSULATION INCLUDING INORGANIC AEROGEL AND MELAMINE FOAM**

[54] **MATERIAUX COMPOSITES ISOLANTS COMPRENANT UN AEROGEL INORGANIQUE ET UNE MOUSSE DE MELAMINE**

[72] BONNARDEL, PIERRE-ANTOINE, FR  
[72] CHAUSSON, SOPHIE, FR  
[72] GERARDIN, EMILIE, FR  
[71] ASPEN AEROGELS, INC., US  
[85] 2015-12-11  
[86] 2014-06-13 (PCT/EP2014/062437)  
[87] (WO2014/198931)  
[30] FR (1355558) 2013-06-14

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[21] **2,915,223**  
[13] A1

[51] **Int.Cl. A61F 2/88 (2006.01)**

[25] EN

[54] **IMPLANTABLE LUMINAL DEVICES**

[54] **DISPOSITIFS LUMINAUX IMPLANTABLES**

[72] RUDAKOV, LEON, US  
[72] BLACK, ANDREW, US  
[72] LEOPOLD, ANDREW, US  
[72] JENSEN, KELLY, US  
[71] ARTVENTIVE MEDICAL GROUP, INC., US  
[85] 2015-12-11  
[86] 2014-06-13 (PCT/US2014/042427)  
[87] (WO2014/201434)  
[30] US (61/835,461) 2013-06-14  
[30] US (61/835,406) 2013-06-14  
[30] US (61/836,061) 2013-06-17  
[30] US (61/900,321) 2013-11-05  
[30] US (61/904,376) 2013-11-14  
[30] US (61/904,379) 2013-11-14  
[30] US (14/101,171) 2013-12-09  
[30] US (61/939,659) 2014-02-13

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[21] **2,915,226**  
[13] A1

[51] **Int.Cl. B60G 21/02 (2006.01) B62D 9/02 (2006.01) B62D 61/06 (2006.01) B62K 5/00 (2013.01)**

[25] EN

[54] **LEANING VEHICLE**

[54] **VEHICULE A INCLINAISON**

[72] MERCIER, DANIEL, CA  
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA  
[85] 2015-12-11  
[86] 2014-06-16 (PCT/US2014/042536)  
[87] (WO2014/201463)  
[30] US (61/835,062) 2013-06-14  
[30] US (61/884,442) 2013-09-30

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[21] **2,915,229**  
[13] A1

[51] **Int.Cl. G01N 33/92 (2006.01) C12N 9/02 (2006.01) C12P 7/42 (2006.01) C12P 7/64 (2006.01)**

[25] EN

[54] **METHODS OF PRODUCING OMEGA-HYDROXYLATED FATTY ACID DERIVATIVES**

[54] **PROCEDES DE PRODUCTION DE DERIVES D'ACIDES GRAS OMEGA-HYDROXYLES**

[72] SCHIRMER, ANDREAS W., US

[72] WANG, HAIBO, US

[72] DEL CARDAYRE, STEPHEN B., US

[72] HU, ZHIHAO, US

[72] HOM, LOUIS G., US

[72] ZHU, BAOLONG, US

[72] CHANG, CINDY, US

[72] POPOVA, EMANUELA E., US

[71] REG LIFE SCIENCES, LLC, US

[85] 2015-12-11

[86] 2014-06-16 (PCT/US2014/042594)

[87] (WO2014/201474)

[30] US (61/835,464) 2013-06-14

[21] **2,915,232**  
[13] A1

[51] **Int.Cl. A61N 1/378 (2006.01) A61N 1/36 (2006.01) A61N 1/37 (2006.01)**

[25] EN

[54] **POWER ARCHITECTURE FOR AN IMPLANTABLE MEDICAL DEVICE HAVING A NON-RECHARGEABLE BATTERY**

[54] **ARCHITECTURE D'ALIMENTATION POUR UN DISPOSITIF MEDICAL IMPLANTABLE AYANT UNE BATTERIE NON RECHARGEABLE**

[72] LAMONT, ROBERT G., US

[72] PARRAMON, JORDI, US

[72] OZAWA, ROBERT D., US

[71] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US

[85] 2015-12-11

[86] 2014-06-17 (PCT/US2014/042792)

[87] (WO2015/023359)

[30] US (13/966,510) 2013-08-14

[21] **2,915,235**  
[13] A1

[51] **Int.Cl. G01N 1/44 (2006.01) G01N 30/06 (2006.01) G01N 1/24 (2006.01)**

[25] EN

[54] **SAMPLE CONDITIONING SYSTEM FOR LOW PRESSURE GAS**

[54] **SYSTEME DE TRAITEMENT D'ECHANTILLONS POUR GAZ A BASSE PRESSION**

[72] ROLSTON, CLAUDE A., US

[72] THOMPSON, KENNETH O., US

[71] MUSTANG SAMPLING, LLC, US

[85] 2015-12-11

[86] 2014-06-19 (PCT/US2014/043092)

[87] (WO2014/209731)

[30] US (61/839,603) 2013-06-26

[30] US (14/308,453) 2014-06-18

[21] **2,915,238**  
[13] A1

[51] **Int.Cl. A61F 13/49 (2006.01) A61F 13/551 (2006.01)**

[25] EN

[54] **ARRAY OF DISPOSABLE ABSORBENT ARTICLES FOR FITTING BROAD RANGE OF WEARERS**

[54] **ENSEMBLE D'ARTICLES ABSORBANTS JETABLES DESTINES A S'ADAPTER A UNE LARGE PLAGE D'UTILISATEURS**

[72] SEITZ, BRET DARREN, US

[72] LAVON, GARY DEAN, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2015-12-11

[86] 2014-06-19 (PCT/US2014/043221)

[87] (WO2014/205241)

[30] US (61/837,416) 2013-06-20

[21] **2,915,241**  
[13] A1

[51] **Int.Cl. C03B 5/235 (2006.01)**

[25] EN

[54] **CONTROLLING GLASSMELTING FURNACE OPERATION**

[54] **REGLAGE DE FONCTIONNEMENT DE FOUR DE FUSION DE VERRE**

[72] KOBAYASHI, HISASHI, US

[72] TORKAMANI, SARAH, US

[72] FRANCIS, ARTHUR, US

[72] KOBAYASHI, WILLIAM THORU, US

[72] YUAN, JUNLU, CN

[71] PRAXAIR TECHNOLOGY, INC., US

[85] 2015-12-11

[86] 2014-06-20 (PCT/US2014/043436)

[87] (WO2014/205362)

[30] US (13/923,002) 2013-06-20

[21] **2,915,244**  
[13] A1

[51] **Int.Cl. A61M 16/06 (2006.01)**

[25] EN

[54] **HELMET FOR ANESTHESIA**

[54] **CASQUE POUR ANESTHESIE**

[72] GIULIANOTTI, PIER, US

[72] VITTORI, ARTURO, US

[72] VOGLER, ANDREAS, US

[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US

[85] 2015-12-11

[86] 2014-06-13 (PCT/US2014/042281)

[87] (WO2014/201338)

[30] US (61/834,510) 2013-06-13

[21] **2,915,245**  
[13] A1

[25] EN

[54] **ROBOTIC SURGICAL STATION**

[54] **STATION CHIRURGICALE ROBOTIQUE**

[72] GIULIANOTTI, PIER, US

[72] VITTORI, ARTURO, US

[72] VOGLER, ANDREAS, US

[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US

[85] 2015-12-11

[86] 2014-06-13 (PCT/US2014/042286)

[87] (WO2014/201340)

[30] US (61/834,504) 2013-06-13

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[21] **2,915,247**  
[13] A1

[51] **Int.Cl. C10G 17/00 (2006.01)**  
[25] EN  
[54] **OIL SOLUBLE HYDROGEN SULFIDE SCAVENGER**  
[54] **PIEGEUR DE SULFURE D'HYDROGENE SOLUBLE DANS L'HUILE**  
[72] POLAND, ROSS, US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2015-12-11  
[86] 2014-06-27 (PCT/US2014/044559)  
[87] (WO2015/009429)  
[30] US (13/946,836) 2013-07-19

[21] **2,915,248**  
[13] A1

[25] EN  
[54] **A METHOD FOR CONTROLLING AIR FLOW IN A FUEL CELL POWER SYSTEM**  
[54] **PROCEDE PERMETTANT DE REGULER LE FLUX D'AIR DANS UN SYSTEME D'ALIMENTATION DE PILE A COMBUSTIBLE**  
[72] CAUCHI, MARCO, IT  
[72] SPATARO, MARCO, IT  
[71] NUVERA FUEL CELLS, INC., US  
[85] 2015-12-11  
[86] 2014-06-27 (PCT/US2014/044584)  
[87] (WO2014/210464)  
[30] US (61/840,862) 2013-06-28

[21] **2,915,249**  
[13] A1

[51] **Int.Cl. C12N 5/071 (2010.01) C12N 5/077 (2010.01) A61K 35/12 (2015.01)**  
[25] EN  
[54] **ADIPOSE CELLS FOR CHONDROCYTE APPLICATIONS**  
[54] **CELLULES ADIPEUSES POUR DES APPLICATIONS DE CHONDROCYTES**  
[72] O'HEERON, PETE, US  
[71] SPINALCYTE, LLC, US  
[85] 2015-12-11  
[86] 2014-06-13 (PCT/US2014/042322)  
[87] (WO2014/204806)  
[30] US (61/836,975) 2013-06-19

[21] **2,915,250**  
[13] A1

[51] **Int.Cl. A01N 1/02 (2006.01) A61K 31/17 (2006.01) A61K 31/4706 (2006.01)**  
[25] EN  
[54] **CELL STABILIZATION**  
[54] **STABILISATION DE CELLULES**  
[72] MULLER-COHN, JUDY, US  
[72] DIAZ, PAUL, US  
[72] MULLER, ROLF, US  
[72] LIBERAL, VASCO, US  
[72] PEREZ-LADAGA, ALBERT, US  
[71] BIOMATRICA, INC., US  
[85] 2015-12-11  
[86] 2014-06-13 (PCT/US2014/042396)  
[87] (WO2015/002729)  
[30] US (61/834,517) 2013-06-13

[21] **2,915,251**  
[13] A1

[51] **Int.Cl. E21B 17/10 (2006.01)**  
[25] EN  
[54] **STABILIZER**  
[54] **STABILISATEUR**  
[72] XU, WEI JAKE, US  
[72] ODELL, ALBERT C., II, US  
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US  
[85] 2015-12-11  
[86] 2014-06-27 (PCT/US2014/044710)  
[87] (WO2014/210539)  
[30] US (61/840,436) 2013-06-27  
[30] US (14/316,544) 2014-06-26

[21] **2,915,252**  
[13] A1

[51] **Int.Cl. A61B 5/0215 (2006.01) A61B 5/00 (2006.01) A61B 5/02 (2006.01) A61B 5/026 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR INTRAVASCULAR MEASUREMENTS**  
[54] **APPAREIL ET PROCEDE POUR MESURES INTRAVASCULAIRES**  
[72] SHAM, KIN-JOE, US  
[72] DONADIO, JAMES V., III., US  
[72] CHAN, CHARLES C. H., US  
[72] MCSHERRY, PAUL MICHAEL, US  
[72] GAM, PAUL J., US  
[71] ZURICH MEDICAL CORPORATION, US  
[85] 2015-12-11  
[86] 2014-07-01 (PCT/US2014/045171)  
[87] (WO2015/003024)  
[30] US (61/841,517) 2013-07-01  
[30] US (61/985,858) 2014-04-29

[21] **2,915,253**  
[13] A1

[51] **Int.Cl. C07K 14/315 (2006.01) C12N 9/26 (2006.01)**  
[25] EN  
[54] **BACTERIAL HYALURONIDASE AND PROCESS FOR ITS PRODUCTION**  
[54] **HYALURONIDASE BACTERIENNE ET SON PROCEDE DE PRODUCTION**  
[72] MESSINA, LUCIANO, IT  
[72] MUSUMECCI, LUCA, IT  
[72] VACCARO, SUSANNA, IT  
[71] FIDIA FARMACEUTICI S.P.A., IT  
[85] 2015-12-11  
[86] 2014-06-13 (PCT/IB2014/062193)  
[87] (WO2014/203133)  
[30] IT (MI2013A000992) 2013-06-17

[21] **2,915,254**  
[13] A1

[51] **Int.Cl. H04W 88/02 (2009.01)**  
[25] EN  
[54] **FOLDABLE CURVED WIRELESS COMMUNICATION DEVICE FOR INSERTION INTO HIP POCKET**  
[54] **DISPOSITIF DE COMMUNICATION SANS FIL INCURVE PLIABLE DESTINE A ETRE INTRODUIT DANS UNE POCHE ARRIERE**  
[72] LUMBARD, JOHN ASHMORE, US  
[71] LUMBARD, JOHN ASHMORE, US  
[85] 2015-12-11  
[86] 2014-07-03 (PCT/US2014/045338)  
[87] (WO2015/003105)  
[30] US (13/858,344) 2013-07-05  
[30] US (14/143,117) 2013-12-30

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[21] **2,915,255**  
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61K 31/7088 (2006.01) A61K 39/395 (2006.01) A61P 27/02 (2006.01)**

[25] EN

[54] **METHODS FOR TREATING OR PREVENTING OPHTHALMOLOGICAL CONDITIONS**

[54] **PROCEDES POUR TRAITER OU PREVENIR DES ETATS OPHTALMOLOGIQUES**

[72] PATEL, SAMIR, US

[71] OPHTHOTECH CORPORATION, US

[85] 2015-12-11

[86] 2014-07-11 (PCT/US2014/046416)

[87] (WO2015/006734)

[30] US (61/845,938) 2013-07-12

[30] US (61/845,935) 2013-07-12

[30] US (61/845,936) 2013-07-12

[30] US (61/866,502) 2013-08-15

[30] US (61/866,503) 2013-08-15

[30] US (61/866,507) 2013-08-15

[30] US (61/911,854) 2013-12-04

[30] US (61/911,860) 2013-12-04

[30] US (61/911,894) 2013-12-04

[30] US (61/926,848) 2014-01-13

[30] US (61/926,825) 2014-01-13

[30] US (61/926,812) 2014-01-13

[30] US (61/931,116) 2014-01-24

[30] US (61/931,125) 2014-01-24

[30] US (61/931,135) 2014-01-24

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[21] **2,915,256**  
[13] A1

[51] **Int.Cl. B64D 25/14 (2006.01)**

[25] EN

[54] **SELF-TENSIONING GIRT**

[54] **ENTRETOISE AUTO-TENDEUSE**

[72] RIVAULT, JEAN-YVES, FR

[72] BERLUREAU, STEPHANE, FR

[71] ZODIAC AEROSAFETY SYSTEMS, FR

[85] 2015-12-11

[86] 2014-06-17 (PCT/IB2014/062310)

[87] (WO2014/203172)

[30] US (61/835,733) 2013-06-17

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[21] **2,915,257**  
[13] A1

[51] **Int.Cl. B65D 5/46 (2006.01) B65D 5/54 (2006.01)**

[25] EN

[54] **CARTON WITH HANDLE**

[54] **CARTON A POIGNEE**

[72] OLIVEIRA, STEVEN M., US

[72] FITZWATER, KELLY R., US

[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US

[85] 2015-12-11

[86] 2014-07-22 (PCT/US2014/047563)

[87] (WO2015/013250)

[30] US (61/958,266) 2013-07-24

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[21] **2,915,258**  
[13] A1

[51] **Int.Cl. A23C 9/123 (2006.01) A23C 9/13 (2006.01) A23C 9/20 (2006.01) A61K 35/00 (2006.01)**

[25] EN

[54] **A COMPOSITION COMPRISING L. RHAMNOSUS GG**

[54] **COMPOSITION COMPRENANT LA SOUCHE DE L. RHAMNOSUS GG**

[72] BORSARI, ANDREA, IT

[72] ZAMBRINI, VITTORIO ANGELO, IT

[71] GRANAROLO S.P.A., IT

[85] 2015-12-11

[86] 2014-06-26 (PCT/IB2014/062619)

[87] (WO2014/207690)

[30] IT (MI2013A001083) 2013-06-28

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[21] **2,915,260**  
[13] A1

[51] **Int.Cl. B65D 5/42 (2006.01) B65D 5/06 (2006.01) B65D 25/00 (2006.01) B65D 77/22 (2006.01)**

[25] EN

[54] **CARTON FOR A FOOD PRODUCT**

[54] **CARTON POUR PRODUIT ALIMENTAIRE**

[72] MILLS, KAREN L., US

[72] BAKER, MARK P., US

[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US

[85] 2015-12-11

[86] 2014-07-24 (PCT/US2014/047946)

[87] (WO2015/013483)

[30] US (61/958,323) 2013-07-25

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[21] **2,915,262**  
[13] A1

[51] **Int.Cl. H01M 4/86 (2006.01)**

[25] EN

[54] **METHOD OF COMPRESSING FUEL CELL ELECTRODES, RESULTANT FUEL CELL, AND A HOUSING FOR THE FUEL CELL WHICH UTILIZES ELECTROLYTE RESERVOIRS**

[54] **PROCEDE DE COMPRESSION D'ELECTRODES DE PILE A COMBUSTIBLE, PILE A COMBUSTIBLE RESULTANTE, ET BOITIER POUR LA PILE A COMBUSTIBLE UTILISANT DES RESERVOIRS D'ELECTROLYTE**

[72] WOLF, KARI R., JR., US

[72] FODOR, JOE, US

[71] ALCOTEK, INC., US

[85] 2015-12-11

[86] 2014-07-28 (PCT/US2014/048445)

[87] (WO2015/013712)

[30] US (61/858,955) 2013-07-26

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[21] **2,915,263**  
[13] A1

[51] **Int.Cl. A61G 13/12 (2006.01) A47C 20/02 (2006.01) A61F 5/37 (2006.01)**

[25] EN

[54] **PATIENT POSITIONING SYSTEM**

[54] **SYSTEME DE POSITIONNEMENT DE PATIENT**

[72] MARSHALL, STEPHEN, US

[72] KERNS, BYRON WESLEY, US

[72] WATTS, ELIZABETH, US

[71] COVIDIEN LP, US

[85] 2015-12-11

[86] 2014-06-18 (PCT/US2014/042872)

[87] (WO2014/205035)

[30] US (61/836,465) 2013-06-18

[30] US (61/900,036) 2013-11-05

[30] US (61/902,447) 2013-11-11

[30] US (61/927,019) 2014-01-14

[30] US (14/228,962) 2014-03-28

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[21] **2,915,265**  
[13] A1

[51] **Int.Cl. G05B 19/00 (2006.01)**  
[25] EN  
[54] **BIOMETRIC IDENTIFICATION SYSTEM USING PULSE WAVEFORM**  
[54] **SYSTEME D'IDENTIFICATION BIOMETRIQUE UTILISANT UNE FORME D'ONDE D'IMPULSION**  
[72] PHILLIPS, BRIAN KIRBY, US  
[72] WILSON, GEOFFREY A., US  
[71] INTEGRATED MONITORING SYSTEMS, LLC, US  
[85] 2015-12-11  
[86] 2014-06-05 (PCT/US2014/041004)  
[87] (WO2014/200788)  
[30] US (13/916,818) 2013-06-13

[21] **2,915,267**  
[13] A1

[51] **Int.Cl. A61M 25/00 (2006.01) A61M 29/02 (2006.01)**  
[25] EN  
[54] **CATHETER-ASSISTED TUMOR TREATMENT**  
[54] **TRAITEMENT DE TUMEUR ASSISTE PAR CATHETER**  
[72] RUDAKOV, LEON, US  
[71] ARTVENTIVE MEDICAL GROUP, INC., US  
[85] 2015-12-11  
[86] 2013-12-20 (PCT/US2013/076964)  
[87] (WO2014/200563)  
[30] US (61/835,406) 2013-06-14  
[30] US (61/835,461) 2013-06-14  
[30] US (61/900,321) 2013-11-05  
[30] US (14/101,171) 2013-12-09

[21] **2,915,268**  
[13] A1

[51] **Int.Cl. G06F 3/0488 (2013.01)**  
[25] EN  
[54] **INDEPENDENT HIT TESTING FOR TOUCHPAD MANIPULATIONS AND DOUBLE-TAP ZOOMING**  
[54] **TESTS D'IMPACT INDEPENDANTS POUR MANIPULATIONS DE PAVES TACTILES ET ZOOM PAR DOUBLE TAPOTEMENT**  
[72] RAKOW, MATTHEW ALLEN, US  
[72] MENON, KRISHNAN, US  
[72] ENS, MICHAEL J., US  
[72] WILLS, JONATHAN, US  
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US  
[85] 2015-12-11  
[86] 2013-09-20 (PCT/US2013/061046)  
[87] (WO2014/200546)  
[30] US (13/918,547) 2013-06-14

[21] **2,915,269**  
[13] A1

[51] **Int.Cl. C22B 11/00 (2006.01) C22B 3/04 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRE-TREATMENT OF GOLD-BEARING OXIDE ORES**  
[54] **PROCEDE DE PRETRAITEMENT DE MINERAIS OXYDES AURIFERES**  
[72] CHOI, YEONUK, CA  
[72] GHARELAR, AHMAD  
[72] GHAREMANINEZHAD, CA  
[71] BARRICK GOLD CORPORATION, CA  
[85] 2015-11-23  
[86] 2014-05-28 (PCT/IB2014/001378)  
[87] (WO2014/191832)  
[30] US (61/828,558) 2013-05-29

[21] **2,915,271**  
[13] A1

[51] **Int.Cl. G01C 21/20 (2006.01)**  
[25] EN  
[54] **STRUCTURE NAVIGATION**  
[54] **NAVIGATION A TRAVERS UNE STRUCTURE**  
[72] APPLGATE, PHILLIP ROY, GB  
[72] BROWN, STEPHEN WILLIAM, GB  
[71] BAE SYSTEMS PLC, GB  
[85] 2015-11-26  
[86] 2014-05-28 (PCT/GB2014/051615)  
[87] (WO2014/191731)  
[30] GB (1309559.1) 2013-05-29  
[30] EP (13275127.2) 2013-05-29

[21] **2,915,272**  
[13] A1

[51] **Int.Cl. H04H 20/33 (2009.01) H04H 20/42 (2009.01) H04N 21/236 (2011.01) H04N 21/2385 (2011.01) H04N 21/438 (2011.01) H04N 19/61 (2014.01) H04L 27/02 (2006.01)**  
[25] EN  
[54] **DISTRIBUTION SYSTEM, RECEPTION APPARATUS, AND METHODS FOR TRANSITIONING TO NEW SERVICES**  
[54] **SYSTEME DE DISTRIBUTION, APPAREIL DE RECEPTION ET PROCEDES POUR EFFECTUER UNE TRANSITION A DE NOUVEAUX SERVICES**  
[72] FAY, LUKE, US  
[71] SONY CORPORATION, JP  
[85] 2015-12-11  
[86] 2014-05-28 (PCT/US2014/039741)  
[87] (WO2014/209527)  
[30] US (13/930,814) 2013-06-28

[21] **2,915,276**  
[13] A1

[51] **Int.Cl. C09J 163/00 (2006.01) C09J 7/00 (2006.01) C09J 7/02 (2006.01)**  
[25] EN  
[54] **ROLL OF AN ADHESIVE TAPE HAVING AN ADHESIVE LAYER COMPRISING A STRUCTURAL ADHESIVE AND ITS METHOD OF MANUFACTURE**  
[54] **ROULEAU D'ADHESIF COMPORTANT UNE COUCHE ADHESIVE COMPRENANT UN ADHESIF STRUCTUREL ET SON PROCEDE DE FABRICATION**  
[72] WIKIERAK, TOMASZ P., PL  
[72] MALINOWSKI, PAWEL M., PL  
[72] PAPROCKI, MARCIN J., PL  
[72] CURA, ELISABETH, DE  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2015-12-11  
[86] 2014-06-10 (PCT/US2014/041637)  
[87] (WO2014/200965)  
[30] EP (13171874.4) 2013-06-13

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[21] **2,915,277**  
[13] A1

[51] **Int.Cl. G01S 5/00 (2006.01)**  
[25] EN  
[54] **METHOD FOR REDUCING A RISK OF TAMPERING AND/OR SPOOFING OF LOCATION DATA OF AN OBJECT OVER TIME, AND USE OF SIGNALS-IN-SPACE RECEIVER AND READER IN SUCH METHOD**

[54] **PROCEDE ET SYSTEME PERMETTANT DE RECUPERER DES DONNEES DE LOCALISATION D'UN OBJET AU COURS DU TEMPS AU MOYEN D'UN RECEPTEUR GNSS A DES FINS D'ANTI-MYSTIFICATION, ET RECEPTEUR ET LECTEUR DE SIGNAUX DANS L'ESPACE POUR CE PROCEDE ET CE SYSTEME**

[72] FOLKERS, WILLEM, BE  
[71] FOLKERS, WILLEM, BE  
[85] 2015-11-26  
[86] 2014-03-21 (PCT/NL2014/050179)  
[87] (WO2014/193221)  
[30] NL (2010886) 2013-05-29

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[21] **2,915,279**  
[13] A1

[51] **Int.Cl. A61K 39/08 (2006.01) A61K 39/00 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS OF IMMUNIZING AGAINST C. DIFFICILE**

[54] **COMPOSITIONS ET PROCEDES D'IMMUNISATION CONTRE LE CLOSTRIDIUM DIFFICILE**

[72] PIETROBON, PATRICIA, US  
[72] FOGLIA, GINAMARIE, US  
[72] DE BRUYN, GUY, US  
[72] GURUNATHAN, SANJAY, US  
[71] SANOFI PASTEUR INC., US  
[85] 2015-12-11  
[86] 2014-06-13 (PCT/US2014/042298)  
[87] (WO2014/201346)  
[30] US (61/835,246) 2013-06-14

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[21] **2,915,281**  
[13] A1

[51] **Int.Cl. A61F 2/46 (2006.01) A61B 17/15 (2006.01) A61B 17/32 (2006.01)**  
[25] EN  
[54] **SURGICAL CUT VALIDATION TOOL AND METHOD**

[54] **OUTIL DE VALIDATION DE COUPE CHIRURGICALE ET PROCEDE**

[72] ROBICHAUD, JEAN, CA  
[71] LABORATOIRES BODYCAD INC., CA  
[85] 2015-11-27  
[86] 2014-06-11 (PCT/CA2014/050541)  
[87] (WO2014/197987)  
[30] US (61/834,534) 2013-06-13

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[21] **2,915,284**  
[13] A1

[51] **Int.Cl. H02K 21/24 (2006.01) H02K 7/14 (2006.01)**  
[25] EN  
[54] **A WORKING ASSEMBLY SUITABLE FOR USE IN AN AGRICULTURE MACHINE AND AN AGRICULTURE MACHINE**

[54] **ENSEMBLE DE TRAVAIL DESTINE A ETRE UTILISE DANS UNE MACHINE AGRICOLE ET MACHINE AGRICOLE**

[72] VAN DE VOORT VAN DE KLEY, ANTONIUS THEODORUS MARIA, NL  
[71] KVERNELAND A/S, NO  
[85] 2015-11-27  
[86] 2014-05-27 (PCT/EP2014/060887)  
[87] (WO2014/191378)  
[30] EP (13169715.3) 2013-05-29

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[21] **2,915,292**  
[13] A1

[51] **Int.Cl. B64D 25/14 (2006.01)**  
[25] FR  
[54] **METHOD FOR ARMING/DISARMING AN AIRCRAFT DOOR EVACUATION SLIDE AND IMPLEMENTATION MECHANISM**

[54] **PROCEDE D'ARMEMENT/DESARMEMENT DE TOBOGGAN DE PORTE D'AVION ET MECANISME DE MISE EN OEUVRE**

[72] BESSETTES, CYRILLE, FR  
[72] BUCHET, DAMIEN, FR  
[72] OTHOMENE, RENAUD, FR  
[71] LATECOERE, FR  
[85] 2015-12-11  
[86] 2014-06-13 (PCT/EP2014/062482)  
[87] (WO2014/198952)  
[30] FR (1355563) 2013-06-14

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[21] **2,915,293**  
[13] A1

[51] **Int.Cl. B64C 1/14 (2006.01) B64D 15/00 (2006.01) B64D 15/12 (2006.01) F16J 15/06 (2006.01)**  
[25] FR  
[54] **ANTI-ICING / DE-ICING SYSTEM FOR AIRCRAFT DOOR AND AIRCRAFT DOOR EQUIPPED WITH SUCH A SYSTEM**

[54] **PROCEDE ET SYSTEME D'ANTIGIVRAGE/DEGIVRAGE DE PORTE D'AERONEF ET PORTE D'AERONEF EQUIPEE D'UN TEL SYSTEME**

[72] PERRIER, CHRISTOPHE, FR  
[72] BESETTES, CYRILLE, FR  
[72] AMALRIC, BERNARD, FR  
[72] FLORETZ, BERTRAND, FR  
[72] TORRIS, ANTOINE, FR  
[72] COME, OLIVIER, FR  
[71] LATECOERE, FR  
[71] JPR, FR  
[85] 2015-12-11  
[86] 2014-06-14 (PCT/EP2014/062486)  
[87] (WO2014/198956)  
[30] FR (1355589) 2013-06-14

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[21] **2,915,294**  
[13] A1

[51] **Int.Cl. H01M 2/12 (2006.01)**  
[25] EN  
[54] **PRESSURE COMPENSATION SYSTEM HAVING A SAFETY FUNCTION FOR AN ELECTROLYTIC TANK**

[54] **SYSTEME DE COMPENSATION DE PRESSION A FONCTION DE SECURITE POUR RESERVOIR D'ELECTROLYTE**

[72] HARRER, MARTIN, AT  
[72] BINDER, PAUL, AT  
[72] PINZL, MICHAEL, AT  
[72] WHITEHEAD, ADAM, AT  
[71] GILDEMEISTER ENERGY STORAGE GMBH, AT  
[85] 2015-12-01  
[86] 2014-05-27 (PCT/EP2014/060984)  
[87] (WO2014/195191)  
[30] AT (A50374/2013) 2013-06-06

[21] **2,915,295**  
[13] A1

[51] **Int.Cl. H05K 7/14 (2006.01) H05K 7/20 (2006.01)**  
[25] FR  
[54] **METHOD FOR INTEGRATING A DETACHABLE INTERCONNECTION MODULE IN A CABINET, CABINET THUS FITTED, AND AIRCRAFT COMPRISING A BAY CONSISTING OF SUCH CABINETS**

[54] **PROCEDE D'INTEGRATION DE MODULE D'INTERCONNEXION AMOVIBLE DANS UN MEUBLE, MEUBLE AINSI EQUIPE ET AERONEF COMPORTANT UNE BAIE CONSTITUEE DE TELS MEUBLES**

[72] MORRISON, DAMIEN, FR  
[72] PUERTOLAS, BASTIEN, FR  
[72] DELAME, CYRILLE, FR  
[72] BOUCOURT, GERARD, FR  
[72] GRIMM, MARTIAL, FR  
[72] AMALRIC, BERNARD, FR  
[72] BANASIAK, VINCENT, FR  
[72] BERNADAC, JEAN CHARLES, FR  
[72] ESCALAUP, OLIVIER, FR  
[72] GRI, PHILIPPE, FR  
[71] LATELEC, FR  
[85] 2015-12-11  
[86] 2014-06-14 (PCT/EP2014/062487)  
[87] (WO2014/198957)  
[30] FR (1355612) 2013-06-15

[21] **2,915,296**  
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01)**  
[25] EN  
[54] **STRUCTURE, MANUFACTURING AND USES OF HUMAN-DERIVED CELL-PERMEABLE PEPTIDES CONJUGATED WITH SPECIFIC BIOLOGICALLY ACTIVE CARGO PEPTIDES**

[54] **STRUCTURE, FABRICATION ET UTILISATIONS DE PEPTIDES PERMEABLES AUX CELLULES D'ORIGINE HUMAINE CONJUGUES A DES PEPTIDES CARGO SPECIFIQUES BIOLOGIQUEMENT ACTIFS**

[72] LITTMAN, BRUCE H., US  
[72] THOMPSON, JOHN F., US  
[72] MARCOUX, FRANK W., US  
[71] PORTAGE PHARMACEUTICALS LTD., VG  
[85] 2015-12-10  
[86] 2014-06-11 (PCT/IB2014/002029)  
[87] (WO2015/025217)  
[30] US (61/833,819) 2013-06-11

[21] **2,915,299**  
[13] A1

[51] **Int.Cl. B21K 3/04 (2006.01)**  
[25] EN  
[54] **METHODS FOR PRODUCING FORGED PRODUCTS AND OTHER WORKED PRODUCTS**

[54] **PROCEDES DE PRODUCTION DE PRODUITS FORGES ET D'AUTRES PRODUITS TRAVAILLES**

[72] BUSH, DUSTIN M., US  
[72] ROEGNER, ERIC V., US  
[72] COLVIN, EDWARD L., US  
[72] MUELLER, LARRY N., US  
[72] RIOJA, ROBERTO J., US  
[72] BODILY, BRANDON HENDRICKSON, US  
[71] ALCOA INC., US  
[85] 2015-12-10  
[86] 2014-07-09 (PCT/US2014/045952)  
[87] (WO2015/006447)  
[30] US (61/844,744) 2013-07-10  
[30] US (61/845,260) 2013-07-11  
[30] US (61/895,046) 2013-10-24  
[30] US (61/913,077) 2013-12-06  
[30] US (61/955,027) 2014-03-18

[21] **2,915,300**  
[13] A1

[51] **Int.Cl. C09K 3/18 (2006.01) B01D 1/06 (2006.01) B01D 1/26 (2006.01) C07C 29/74 (2006.01) C07C 29/80 (2006.01)**  
[25] EN  
[54] **METHOD FOR REPROCESSING AIRCRAFT DE-ICING AGENTS COMPRISING GLYCOL**

[54] **PROCEDE DE RETRAITEMENT D'AGENTS DE DEGIVRAGE DES AVIONS CONTENANT DU GLYCOL**

[72] STANKOWIAK, ACHIM, DE  
[71] CLARIANT INTERNATIONAL LTD, CH  
[85] 2015-12-11  
[86] 2014-05-23 (PCT/EP2014/001413)  
[87] (WO2014/198379)  
[30] DE (10 2013 009 949.8) 2013-06-13

[21] **2,915,303**  
[13] A1

[51] **Int.Cl. G01N 29/06 (2006.01) G01N 29/44 (2006.01)**  
[25] EN  
[54] **SAFT ANALYSIS OF DEFECTS CLOSE TO THE SURFACE**

[54] **ANALYSE SAFT DE DEFECTS SUPERFICIELS**

[72] MOOSHOFER, HUBERT, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2015-12-11  
[86] 2014-01-16 (PCT/EP2014/050752)  
[87] (WO2014/198424)  
[30] DE (10 2013 211 064.2) 2013-06-13

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[21] **2,915,305**  
[13] A1

[51] **Int.Cl. F25B 7/00 (2006.01) F25B 9/00 (2006.01) F25B 30/00 (2006.01)**  
[25] EN  
[54] **METHOD FOR OPERATING A HEAT PUMP ARRANGEMENT, AND HEAT PUMP ARRANGEMENT**  
[54] **PROCEDE DE FONCTIONNEMENT D'UN ENSEMBLE POMPE A CHALEUR ET ENSEMBLE POMPE A CHALEUR**  
[72] GROMOLL, BERND, DE  
[72] REISSNER, FLORIAN, DE  
[72] SCHAFFER, JOCHEN, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2015-12-11  
[86] 2014-06-04 (PCT/EP2014/061528)  
[87] (WO2014/198593)  
[30] DE (10 2013 211 087.1) 2013-06-14

[21] **2,915,306**  
[13] A1

[51] **Int.Cl. F25B 9/14 (2006.01) F04B 9/00 (2006.01) F04B 31/00 (2006.01) F04C 19/00 (2006.01) F25B 31/02 (2006.01)**  
[25] EN  
[54] **METHOD FOR OPERATING A HEAT PUMP AND HEAT PUMP**  
[54] **PROCEDE DE FONCTIONNEMENT D'UNE POMPE A CHALEUR ET POMPE A CHALEUR**  
[72] GROMOLL, BERND, DE  
[72] REISSNER, FLORIAN, DE  
[72] SCHAFFER, JOCHEN, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2015-12-11  
[86] 2014-06-05 (PCT/EP2014/061692)  
[87] (WO2014/198627)  
[30] DE (10 2013 211 084.7) 2013-06-14

[21] **2,915,308**  
[13] A1

[51] **Int.Cl. A21B 1/42 (2006.01)**  
[25] EN  
[54] **TEMPERATURE DETECTION DEVICE AND HEAT TREATMENT DEVICE**  
[54] **DISPOSITIF DE DETECTION DE TEMPERATURE ET DISPOSITIF DE TRAITEMENT THERMIQUE**  
[72] VAN RENS, JOSEPH JOHAN MARIA, NL  
[72] STROLENBERG, ALEX, NL  
[72] VAN LEUKEN, BART, NL  
[71] GEA FOOD SOLUTIONS BAKEL B.V., NL  
[85] 2015-12-11  
[86] 2014-06-05 (PCT/EP2014/061733)  
[87] (WO2014/198637)  
[30] EP (13172019.5) 2013-06-14

[21] **2,915,309**  
[13] A1

[51] **Int.Cl. A61J 1/03 (2006.01) A61J 7/00 (2006.01)**  
[25] EN  
[54] **MEDICINE CONTAINER, HOUSING AND DISPLAY FOR MEDICINE CONTAINER**  
[54] **RECIPIENT POUR MEDICAMENT, LOGEMENT ET AFFICHAGE POUR RECIPIENT POUR MEDICAMENT**  
[72] VAN DE WOUW, DOORTJE, NL  
[72] VAN HERPEN, MAARTEN MARINUS JOHANNES WILHELMUS, NL  
[71] KONINKLIJKE PHILIPS N.V., NL  
[85] 2015-12-11  
[86] 2014-06-06 (PCT/EP2014/061791)  
[87] (WO2014/198648)  
[30] EP (13172124.3) 2013-06-14

[21] **2,915,311**  
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **ANTI-TWEAKR ANTIBODIES AND USES THEREOF**  
[54] **ANTICORPS ANTI-TWEAKR ET LEURS UTILISATIONS**  
[72] VOTSMEIER, CHRISTIAN, DE  
[72] HAMMER, STEFANIE, DE  
[72] GRITZAN, UWE, DE  
[72] BORKOWSKI, SANDRA, DE  
[72] ZUBOV, DMITRY, DE  
[72] LINDEN, LARS, DE  
[72] CHRISTIAN, SVEN, DE  
[72] HARRENGA, AXEL, DE  
[72] BIRKENFELD, JORG, DE  
[72] FREIBERG, CHRISTOPH, DE  
[72] GOLFIER, SVEN, DE  
[72] EICKER, ANDREA, DE  
[72] GREVEN, SIMONE, DE  
[72] STELTE-LUDWIG, BEATRIX, DE  
[72] RASCHKE, MARIAN, DE  
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE  
[85] 2015-12-11  
[86] 2014-06-12 (PCT/EP2014/062207)  
[87] (WO2014/198817)  
[30] EP (13172111.0) 2013-06-14

[21] **2,915,312**  
[13] A1

[51] **Int.Cl. A63B 69/36 (2006.01) A63B 53/04 (2015.01) A63B 71/06 (2006.01) A63D 15/08 (2006.01)**  
[25] EN  
[54] **SPORTS EQUIPMENT**  
[54] **EQUIPEMENT DE SPORT**  
[72] FEENEY, STEPHEN PATRICK, GB  
[71] FEENEY, STEPHEN PATRICK, GB  
[85] 2015-12-08  
[86] 2014-06-24 (PCT/GB2014/051919)  
[87] (WO2014/207444)  
[30] GB (1311263.6) 2013-06-25

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[21] **2,915,313**  
[13] A1

[51] **Int.Cl. G01S 19/29 (2010.01) G01S 19/37 (2010.01)**  
[25] EN  
[54] **RECEIVER AND METHOD FOR DIRECT SEQUENCE SPREAD SPECTRUM SIGNALS**  
[54] **RECEPTEUR ET PROCEDE POUR SIGNAUX DE SPECTRE ETALE A SEQUENCE DIRECTE (DSSS)**  
[72] TURNER, MICHAEL, GB  
[72] MAK, KWOK, GB  
[71] AIRBUS DEFENCE AND SPACE LIMITED, GB  
[85] 2015-12-07  
[86] 2014-06-05 (PCT/GB2014/051738)  
[87] (WO2014/195712)  
[30] EP (13275134.8) 2013-06-05

[21] **2,915,315**  
[13] A1

[51] **Int.Cl. F03D 5/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND PROCESS FOR STARTING THE FLIGHT OF POWER WING AIRFOILS, IN PARTICULAR FOR WIND GENERATOR**  
[54] **SYSTEME ET PROCEDE DE DEMARRAGE DU VOL DE PROFILS D'AILE DE PUISSANCE, EN PARTICULIER POUR AEROGENERATEUR**  
[72] IPPOLITO, MASSIMO, IT  
[71] KITE GEN RESEARCH S.R.L., IT  
[85] 2015-12-09  
[86] 2014-06-05 (PCT/IT2014/000154)  
[87] (WO2014/199406)  
[30] IT (TO2013A000480) 2013-06-12

[21] **2,915,316**  
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/712 (2006.01) A61P 3/06 (2006.01)**  
[25] EN  
[54] **ANTISENSE OLIGOMERS AND CONJUGATES TARGETING PCSK9**  
[54] **OLIGOMERES ANTISENS ET CONJUGUES CIBLANT PCSK9**  
[72] ALBÆK, NANNA, DK  
[72] HEDTJARN, MAJ, DK  
[72] LINDHOLM, MARIE, SE  
[72] NIELSEN, NIELS FISKER, DK  
[72] PETRI, ANDREAS, DK  
[72] RAVN, JACOB, DK  
[71] ROCHE INNOVATION CENTER COPENHAGEN A/S, DK  
[85] 2015-12-09  
[86] 2014-06-27 (PCT/EP2014/063757)  
[87] (WO2014/207232)  
[30] EP (13174092.0) 2013-06-27  
[30] EP (13192930.9) 2013-11-14  
[30] EP (13192938.2) 2013-11-14  
[30] EP (PCT/EP2013/073858) 2013-11-14  
[30] EP (14153253.1) 2014-01-30  
[30] EP (14168331.8) 2014-05-14

[21] **2,915,317**  
[13] A1

[51] **Int.Cl. H04L 12/70 (2013.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR TRAFFIC-AWARE MEDIUM ACCESS SELECTION**  
[54] **SYSTEMES ET PROCEDES POUR METTRE EN OEUVRE UNE SELECTION D'ACCES AU SUPPORT SENSIBLE AU TRAFIC**  
[72] AU, KELVIN, CA  
[72] DJUKIC, PETAR, CA  
[72] MA, JIANGLEI, CA  
[71] HUAWAI TECHNOLOGIES CO., LTD., CN  
[85] 2015-12-10  
[86] 2014-04-30 (PCT/CN2014/076628)  
[87] (WO2014/180276)  
[30] US (13/887,914) 2013-05-06

[21] **2,915,318**  
[13] A1

[51] **Int.Cl. C22B 3/18 (2006.01) C22B 59/00 (2006.01)**  
[25] EN  
[54] **PROCESS OF ISOLATING RARE EARTH ELEMENTS**  
[54] **PROCEDE D'ISOLEMENT D'ELEMENTS DE TERRES RARES**  
[72] GABOR, ESTHER, DE  
[72] MEURER, GUIDO, DE  
[72] LANGER, MARTIN, DE  
[72] TIFFERT, YVONNE, DE  
[72] REICHERT, JORG, DE  
[72] FIEDLER, MARCO, DE  
[71] B.R.A.I.N. BIOTECHNOLOGY RESEARCH AND INFORMATION NETWORK AG, DE  
[85] 2015-12-11  
[86] 2014-06-12 (PCT/EP2014/062245)  
[87] (WO2014/198830)  
[30] EP (13003058.8) 2013-06-14

[21] **2,915,319**  
[13] A1

[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/4439 (2006.01) A61K 31/497 (2006.01) A61K 31/501 (2006.01) A61K 31/506 (2006.01) A61K 31/5377 (2006.01) A61P 7/08 (2006.01) A61P 9/00 (2006.01) A61P 9/10 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) C07D 401/12 (2006.01)**  
[25] EN  
[54] **BENZIMIDAZOLE-2-PIPERAZINE HETEROCYCLIC COMPOUND, PHARMACEUTICAL COMPOSITION THE SAME, PREPARATION METHOD AND USE THEREOF**  
[54] **COMPOSE HETEROCYCLIQUE DE BENZIMIDAZOLE-2-PIPERAZINE, COMPOSITION PHARMACEUTIQUE LE CONTENANT, PROCEDE DE PREPARATION ET D'UTILISATION ASSOCIE**  
[72] FAN, XING, CN  
[72] QIN, JIHONG, CN  
[71] SHANGHAI HUILUN LIFE SCIENCE & TECHNOLOGY CO., LTD., CN  
[85] 2015-12-10  
[86] 2014-06-13 (PCT/CN2014/079827)  
[87] (WO2014/201972)  
[30] CN (201310240069.7) 2013-06-17

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[21] **2,915,320**  
[13] A1

[51] **Int.Cl. C01B 19/02 (2006.01)**  
[25] FR  
[54] **ELEMENTAL SELENIUM NANOPARTICLES AND PRODUCTION METHOD**  
[54] **NANOPARTICULES DE SELENIUM ELEMENTAIRE ET PROCEDE DE PREPARATION**  
[72] BRAVO, DAVID, CH  
[72] MARKUS, LENZ, DE  
[71] PANCOSMA S.A., CH  
[85] 2015-12-11  
[86] 2014-06-18 (PCT/EP2014/062865)  
[87] (WO2014/202686)  
[30] EP (13003121.4) 2013-06-19  
[30] FR (13/02552) 2013-11-04

[21] **2,915,321**  
[13] A1

[51] **Int.Cl. A61K 31/437 (2006.01) A61K 31/444 (2006.01) A61K 31/4545 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **PYRAZOLOPYRIDINE DERIVATIVES FOR USE IN THE TREATMENT OF BLADDER CANCER**  
[54] **DERIVES DE PYRAZOLOPYRIDINE A UTILISER DANS LE TRAITEMENT DU CANCER DE LA VESSIE**  
[72] ALCOUFFE, CHANTAL, FR  
[71] SANOFI, FR  
[85] 2015-12-10  
[86] 2014-06-13 (PCT/EP2014/062456)  
[87] (WO2014/198942)  
[30] FR (1355578) 2013-06-14

[21] **2,915,322**  
[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01)**  
[25] EN  
[54] **A GAS LIFT SYSTEM AND A GAS LIFT METHOD**  
[54] **SYSTEME D'EXTRACTION AU GAZ ET PROCEDE D'EXTRACTION AU GAZ**  
[72] VASQUES, RICARDO REVES, DK  
[71] WELLTEC A/S, DK  
[85] 2015-12-11  
[86] 2014-06-25 (PCT/EP2014/063362)  
[87] (WO2014/207025)  
[30] EP (13173704.1) 2013-06-26

[21] **2,915,323**  
[13] A1

[51] **Int.Cl. A01K 85/01 (2006.01)**  
[25] EN  
[54] **FISHING LURE**  
[54] **LEURRE DE PECHE**  
[72] TSYBULNYK, SERGIY, CA  
[71] TSYBULNYK, SERGIY, CA  
[85] 2015-12-03  
[86] 2013-06-04 (PCT/CA2013/000542)  
[87] (WO2014/194397)

[21] **2,915,324**  
[13] A1

[51] **Int.Cl. A61L 9/12 (2006.01) A01M 1/20 (2006.01)**  
[25] EN  
[54] **DEVICE FOR EVAPORATING VOLATILE COMPOSITIONS**  
[54] **DISPOSITIF POUR L'EVAPORATION DE COMPOSITIONS VOLATILES**  
[72] TURNER, RONALD DAVID, US  
[72] HASENOEHL, ERIK JOHN, US  
[72] BAHM, JEANNINE REBECCA, US  
[72] GRUENBACHER, DANA PAUL, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2015-12-04  
[86] 2014-06-13 (PCT/US2014/042283)  
[87] (WO2014/201339)  
[30] US (61/834,619) 2013-06-13

[21] **2,915,325**  
[13] A1

[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/53 (2006.01) A61P 11/00 (2006.01) A61P 13/00 (2006.01) A61P 25/04 (2006.01) A61P 43/00 (2006.01) C07D 405/14 (2006.01) C07D 409/14 (2006.01)**  
[25] EN  
[54] **AMINO-TRIAZINE DERIVATIVES AND PHARMACEUTICAL COMPOSITION CONTAINING SAID DERIVATIVES**  
[54] **DERIVES AMINO-TRIAZINE ET COMPOSITION PHARMACEUTIQUE CONTENANT LESDITS DERIVES**  
[72] KAI, HIROYUKI, JP  
[71] SHIONOGI & CO., LTD., JP  
[85] 2015-12-11  
[86] 2014-06-13 (PCT/JP2014/065678)  
[87] (WO2014/200078)  
[30] JP (2013-125134) 2013-06-14

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[13] A1

[51] **Int.Cl. A61K 9/28 (2006.01) A61K 33/06 (2006.01) A61K 33/14 (2006.01) A61K 45/06 (2006.01)**  
[25] FR  
[54] **COMPOSITION FOR THE ORAL ADMINISTRATION OF MAGNESIUM, IN ASSOCIATION WITH A COMPOSITION FOR TREATING TYPE 2 DIABETES OR THE COMPLICATIONS THEREOF**  
[54] **COMPOSITION POUR ADMINISTRATION ORALE DE MAGNESIUM, EN ASSOCIATION AVEC UNE COMPOSITION DESTINEE A TRAITER LE DIABETE DE TYPE 2 OU SES COMPLICATIONS**  
[72] JOANNY MENVIELLE-BOURG, FABIENNE, FR  
[71] JOANNY MENVIELLE-BOURG, FABIENNE, FR  
[85] 2015-12-10  
[86] 2014-06-03 (PCT/EP2014/061518)  
[87] (WO2014/198591)  
[30] EP (13305789.3) 2013-06-11

[21] **2,915,332**  
[13] A1

[51] **Int.Cl. A23L 3/3562 (2006.01)**  
[25] EN  
[54] **USE OF RESISTANT STARCHES IN COATING COMPOSITIONS**  
[54] **UTILISATION D'AMIDONS RESISTANTS DANS DES COMPOSITIONS D'ENROBAGE**  
[72] BAUR, JOACHIM N.C., CA  
[72] DARLEY, KENNETH S., CA  
[72] HAZLETT, LUKE P., CA  
[72] KALLO, JOHN P., CA  
[72] PATEL, NILESH C., CA  
[71] GRIFFITH LABORATORIES LIMITED, CA  
[85] 2015-12-11  
[86] 2014-06-13 (PCT/CA2014/000499)  
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[13] A1

[51] **Int.Cl. D04B 1/24 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRODUCING A KNITTED ARTICLE, AND ARTICLE THUS PRODUCED**  
[54] **PROCEDE POUR PRODUIRE UN ARTICLE TRICOTE, ET ARTICLE AINSI PRODUIT**  
[72] GRASSI, NERINO, IT  
[72] CONTI, PAOLO, IT  
[71] GOLDEN LADY COMPANY S.P.A., IT  
[85] 2015-12-10  
[86] 2014-06-11 (PCT/IB2014/062122)  
[87] (WO2014/199307)  
[30] IT (FI2013A000139) 2013-06-11  
[30] IT (FI2013A000213) 2013-09-11

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[13] A1

[51] **Int.Cl. E04H 7/20 (2006.01) E04G 21/12 (2006.01) E04H 7/18 (2006.01)**  
[25] EN  
[54] **PRESTRESSED CONCRETE ROOF FOR CYLINDRICAL TANK**  
[54] **TOIT EN BETON PRECONTRAIT POUR RESERVOIR CYLINDRIQUE**  
[72] DEGUCHI, TOMOKO, JP  
[72] KURIYAMA, KAZUhide, JP  
[71] IHI CORPORATION, JP  
[85] 2015-12-11  
[86] 2014-09-05 (PCT/JP2014/073482)  
[87] (WO2015/037531)  
[30] JP (2013-187391) 2013-09-10

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[13] A1

[51] **Int.Cl. F02D 41/18 (2006.01) E02F 9/20 (2006.01)**  
[25] EN  
[54] **DEVICE AND METHOD FOR CONTROLLING ENGINE RPM FOR CONSTRUCTION MACHINERY**  
[54] **DISPOSITIF ET PROCEDE POUR COMMANDER UNE VITESSE DE ROTATION DE MOTEUR POUR MACHINE DE CONSTRUCTION**  
[72] NAM, CHAN-UNG, KR  
[71] VOLVO CONSTRUCTION EQUIPMENT AB, SE  
[85] 2015-12-11  
[86] 2013-06-26 (PCT/KR2013/005629)  
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[13] A1

[51] **Int.Cl. G01V 3/28 (2006.01) E21B 47/00 (2012.01) E21B 49/00 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHODS FOR MAKING AZIMUTHAL RESISTIVITY MEASUREMENTS**  
[54] **APPAREIL ET PROCEDES PERMETTANT D'EFFECTUER DES MESURES DE RESISTIVITE AZIMUTALES**  
[72] WANG, TSILI, US  
[71] WELL RESOLUTIONS TECHNOLOGY, US  
[85] 2015-12-14  
[86] 2014-06-12 (PCT/US2014/042192)  
[87] (WO2014/201297)  
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[13] A1

[51] **Int.Cl. G06Q 20/16 (2012.01) G06Q 20/00 (2012.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR FACILITATING TRANSACTIONS**  
[54] **SYSTEME ET PROCEDE POUR FACILITER DES TRANSACTIONS**  
[72] VEA, ORLANDO, PH  
[72] FERNANDEZ, BENJAMIN, PH  
[72] VILLANUEVA, ANGELITO, PH  
[72] IBASCO, ALEX D., PH  
[72] DIAMANTE, SHERWIN, PH  
[72] GAW, GILBERT, PH  
[71] EINNOVATIONS HOLDINGS PTE. LTD., SG  
[85] 2015-12-11  
[86] 2014-06-13 (PCT/SG2014/000278)  
[87] (WO2014/200439)  
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[21] **2,915,351**  
[13] A1

[51] **Int.Cl. E21B 43/16 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR STIMULATING THE PRODUCTION OF HYDROCARBONS FROM SUBTERRANEAN FORMATIONS**  
[54] **PROCEDES ET COMPOSITIONS DE STIMULATION DE LA PRODUCTION D'HYDROCARBURES A PARTIR DE FORMATIONS SOUTERRAINES**  
[72] HILL, RANDAL M., US  
[72] CHAMPAGNE, LAKIA M., US  
[72] LETT, NATHAN L., US  
[72] DISMUKE, KEITH INGRAM, US  
[72] GERMACK, DAVID, US  
[72] MAST, NICOLE, US  
[72] SOEUNG, MELINDA, US  
[71] CESI CHEMICAL, INC., US  
[85] 2015-12-14  
[86] 2014-06-13 (PCT/US2014/042326)  
[87] (WO2014/201367)  
[30] US (13/918,166) 2013-06-14  
[30] US (13/918,155) 2013-06-14

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[13] A1

[51] **Int.Cl. C08G 59/56 (2006.01)**  
[25] EN  
[54] **STRUCTURAL ADHESIVE COMPOSITIONS**  
[54] **COMPOSITIONS D'ADHESIF STRUCTURAL**  
[72] DESAI, UMESH C., US  
[72] CHAO, TIEN-CHIEH, US  
[72] NAKAJIMA, MASAYUKI, US  
[72] RAGUNATHAN, KALIAPPA G., US  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 2015-12-14  
[86] 2014-06-13 (PCT/US2014/042328)  
[87] (WO2014/201369)  
[30] US (13/918,021) 2013-06-14

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[13] A1

[51] **Int.Cl. C07K 14/62 (2006.01) C07K 7/64 (2006.01) C07K 14/72 (2006.01)**  
[25] EN  
[54] **STABILIZED POLYPEPTIDE INSULIN RECEPTOR MODULATORS**  
[54] **MODULATEURS STABILISES DU RECEPTEUR DE L'INSULINE POLYPEPTIDIQUE**  
[72] VERDINE, GREGORY L., US  
[72] HILINSKI, GERARD, US  
[72] LIANG, REBECCA YUE, US  
[72] NAGEL, YVONNE ALICE, US  
[72] ZHOU, MINYUN, US  
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US  
[85] 2015-12-14  
[86] 2014-06-13 (PCT/US2014/042329)  
[87] (WO2014/201370)  
[30] US (61/835,242) 2013-06-14

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[21] **2,915,355**  
[13] A1

[51] **Int.Cl. B60N 2/48 (2006.01)**  
[25] EN  
[54] **SEAT HEADREST**  
[54] **APPUIE-TETE DE SIEGE**  
[72] ARRIOLA, JASON, US  
[72] REGAN, WILL, US  
[71] CARDIFF PRODUCTS, US  
[85] 2015-12-11  
[86] 2013-06-11 (PCT/US2013/045134)  
[87] (WO2013/188371)  
[30] US (61/658,041) 2012-06-11

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[21] **2,915,357**  
[13] A1

[51] **Int.Cl. A61K 33/24 (2006.01) A61K 9/14 (2006.01) A61K 31/575 (2006.01) C07F 15/00 (2006.01)**  
[25] EN  
[54] **LIPID-BASED PLATINUM COMPOUNDS AND NANOPARTICLES**  
[54] **COMPOSES DU PLATINE A BASE DE LIPIDES ET NANOPARTICULES CORRESPONDANTES**  
[72] SENGUPTA, SHILADITYA, US  
[72] ROY, MONIDEEPA, US  
[72] SARKAR, ARINDAM, IN  
[72] HOSSAIN, SK SAMAD, IN  
[72] SENGUPTA, ANIRUDDHA, IN  
[72] DUTTA, PRADIP KUMAR, IN  
[72] ANSARI, AASIF, IN  
[72] MANDAL, SWADHIN K., IN  
[71] INVICTUS ONCOLOGY PVT. LTD., IN  
[85] 2015-12-14  
[86] 2014-06-13 (PCT/US2014/042339)  
[87] (WO2014/201376)  
[30] IN (1781/DEL/2013) 2013-06-14

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[21] **2,915,358**  
[13] A1

[51] **Int.Cl. A61K 9/70 (2006.01)**  
[25] EN  
[54] **MUCOADHESIVE DEVICES FOR DELIVERY OF ACTIVE AGENTS**  
[54] **DISPOSITIFS MUCOADHESIFS POUR L'ADMINISTRATION D'AGENTS ACTIFS**  
[72] HARRIS, BARUCH Z., US  
[72] MURTHY, VIJAY M. K., US  
[72] STEINBERG, DAVID ADAM, US  
[72] PEARLMAN, RODNEY, US  
[72] ROSEN, HOWARD BRIAN, US  
[72] LANGER, ROBERT SAMUEL, US  
[72] BARASH, HILA EPSTEIN, US  
[72] BEHR, JONATHAN ROBERT, US  
[72] MITRAGOTRI, SAMIR SURESH, US  
[71] ENTREGA, INC., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[71] HARRIS, BARUCH Z., US  
[71] MURTHY, VIJAY M. K., US  
[71] STEINBERG, DAVID ADAM, US  
[71] PEARLMAN, RODNEY, US  
[71] ROSEN, HOWARD BRIAN, US  
[71] LANGER, ROBERT SAMUEL, US  
[71] BARASH, HILA EPSTEIN, US  
[71] BEHR, JONATHAN ROBERT, US  
[71] MITRAGOTRI, SAMIR SURESH, US  
[85] 2015-12-11  
[86] 2013-06-14 (PCT/US2013/045976)  
[87] (WO2013/188819)  
[30] US (61/659,781) 2012-06-14  
[30] US (61/659,784) 2012-06-14  
[30] US (61/671,287) 2012-07-13

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[13] A1

[51] **Int.Cl. H04N 19/80 (2014.01) H04N 19/30 (2014.01)**  
[25] EN  
[54] **RE-SAMPLING FILTERS FOR SCALABLE VIDEO CODING**  
[54] **RE-ECHANTILLONNAGE DE FILTRES POUR CODAGE VIDEO EVOLUTIF**  
[72] MINOO, KOOHYAR, US  
[72] BAYLON, DAVID M., US  
[71] ARRIS TECHNOLOGY, INC., US  
[85] 2015-12-14  
[86] 2014-06-13 (PCT/US2014/042411)  
[87] (WO2014/201421)  
[30] US (61/835,340) 2013-06-14  
[30] US (61/847,070) 2013-07-16  
[30] US (14/304,399) 2014-06-13

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[21] **2,915,360**  
[13] A1

[51] **Int.Cl. A43B 17/00 (2006.01) A43B 7/14 (2006.01) A43B 17/18 (2006.01) A43B 17/08 (2006.01)**

[25] EN

[54] **CONTOURED INSOLES FOR FOOTWEAR**

[54] **SEMELLES INTERIEURES PROFILEES POUR ARTICLES CHAUSSANTS**

[72] WAKELAND, DAN, US  
[72] GRAY, JEFF, US  
[72] GOOCH, MATTHEW WARREN, US  
[71] WAKELAND, DAN, US  
[71] GRAY, JEFF, US  
[71] GOOCH, MATTHEW WARREN, US  
[85] 2015-12-11  
[86] 2014-06-13 (PCT/US2014/042413)  
[87] (WO2014/201423)  
[30] US (61/835,442) 2013-06-14

[21] **2,915,361**  
[13] A1

[51] **Int.Cl. G07F 17/32 (2006.01) A63F 3/00 (2006.01) G06F 3/14 (2006.01)**

[25] EN

[54] **INTERCHANGEABLE GAMING LAYOUT POWERED BY A DISPLAY ELEMENT**

[54] **TOPOLOGIE DE JEU INTERCHANGEABLE RENDUE PAR UN ELEMENT D'AFFICHAGE**

[72] MULLIGAN, TIMOTHY, US  
[71] MULLIGAN, TIMOTHY, US  
[85] 2015-12-11  
[86] 2014-06-19 (PCT/US2014/043058)  
[87] (WO2014/205150)  
[30] US (61/837,321) 2013-06-20  
[30] US (61/976,230) 2014-04-07  
[30] US (14/308,694) 2014-06-18

[21] **2,915,362**  
[13] A1

[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/13 (2012.01)**

[25] EN

[54] **ELECTROMAGNETIC TELEMETRY APPARATUS AND METHODS FOR USE IN WELLBORES**

[54] **APPAREIL DE TELEMESURE ELECTROMAGNETIQUE ET PROCEDES D'UTILISATION DANS DES TROUS DE FORAGE**

[72] JOHNSON, MICHAEL H., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2015-12-14  
[86] 2014-06-16 (PCT/US2014/042523)  
[87] (WO2015/009372)  
[30] US (13/941,728) 2013-07-15

[21] **2,915,363**  
[13] A1

[51] **Int.Cl. E21B 47/09 (2012.01) G01V 3/18 (2006.01)**

[25] EN

[54] **METHOD FOR LOCATING CASING DOWNHOLE USING OFFSET XY MAGNETOMETERS**

[54] **PROCEDE PERMETTANT DE LOCALISER LE TUBAGE EN FOND DE TROU EN UTILISANT DES MAGNETOMETRES XY DECALES**

[72] HANAK, FRANCIS CHAD, US  
[72] BLANZ, MARTIN, DE  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2015-12-14  
[86] 2014-06-16 (PCT/US2014/042524)  
[87] (WO2015/009373)  
[30] US (13/944,380) 2013-07-17

[21] **2,915,364**  
[13] A1

[51] **Int.Cl. C07D 233/58 (2006.01)**

[25] EN

[54] **METHOD AND INDUSTRIAL PROCESS FOR CONTINUOUS SYNTHESIS OF DIFFERENT IONIC LIQUIDS**

[54] **PROCEDE ET PROCESSUS TECHNIQUE POUR LA SYNTHESE EN CONTINU DE LIQUIDES IONIQUES DIFFERENTS**

[72] POMMERSHEIM, RAINER, DE  
[71] TULIPORT S.A.R.L., LU  
[85] 2015-12-08  
[86] 2014-05-06 (PCT/EP2014/059150)  
[87] (WO2014/180802)  
[30] DE (10 2013 007 733.8) 2013-05-07

[21] **2,915,365**  
[13] A1

[51] **Int.Cl. C07D 249/08 (2006.01) A61K 31/497 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **NUCLEAR TRANSPORT MODULATORS AND USES THEREOF**

[54] **MODULATEURS DE TRANSPORT NUCLEAIRE ET LEURS UTILISATIONS**

[72] BALOGLU, ERKAN, US  
[72] SHACHAM, SHARON, US  
[72] MCCAULEY, DILARA, US  
[72] KASHYAP, TRINAYAN, US  
[72] SENAPEDIS, WILLIAM, US  
[72] LANDESMAN, YOSEF, US  
[72] GOLAN, GALI, IL  
[72] KALID, ORI, IL  
[72] SHECHTER, SHARON, US  
[71] KARYOPHARM THERAPEUTICS INC., US  
[85] 2015-12-11  
[86] 2014-06-20 (PCT/US2014/043479)  
[87] (WO2014/205389)  
[30] US (61/838,172) 2013-06-21

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[21] **2,915,374**  
[13] A1

[51] **Int.Cl. A01C 7/18 (2006.01)**  
[25] EN  
[54] **CROP INPUT VARIETY SELECTION SYSTEMS, METHODS, AND APPARATUS**  
[54] **SYSTEMES, PROCEDES ET APPAREIL DE SELECTION DE VARIETE D'ENTREE DE CULTURE**  
[72] SAUDER, DEREK, US  
[72] KOCH, DALE, US  
[72] PLATTNER, TROY, US  
[71] PRECISION PLANTING LLC, US  
[85] 2015-12-11  
[86] 2014-06-23 (PCT/US2014/043739)  
[87] (WO2014/205454)  
[30] US (61/838,141) 2013-06-21  
[30] US (61/923,426) 2014-01-03  
[30] US (61/971,937) 2014-03-28

[21] **2,915,376**  
[13] A1

[51] **Int.Cl. G05F 1/46 (2006.01) H02J 7/00 (2006.01) H02J 9/00 (2006.01)**  
[25] EN  
[54] **POWER CIRCUIT FOR CONSUMER ELECTRONIC DEVICES**  
[54] **CIRCUIT ELECTRIQUE POUR FOURNIR DE L'ENERGIE A DES DISPOSITIFS ELECTRONIQUES GRAND PUBLIC**  
[72] FREEMAN, MICHAEL H., US  
[72] DIETER, ROBERT, US  
[72] FREEMAN, MITCHAEAL C., US  
[72] PILLAI, SATEESH, US  
[72] SEGARRA, DANIEL, US  
[71] ADVANCED CHARGING TECHNOLOGIES, LLC, US  
[85] 2015-12-14  
[86] 2014-06-16 (PCT/US2014/042529)  
[87] (WO2014/201461)  
[30] US (61/835,438) 2013-06-14  
[30] US (61/841,079) 2013-06-28  
[30] US (61/844,784) 2013-07-10  
[30] US (14/304,774) 2014-06-13

[21] **2,915,378**  
[13] A1

[51] **Int.Cl. A61M 5/142 (2006.01)**  
[25] EN  
[54] **VENTED IMPLANTABLE DRUG-DELIVERY DEVICE**  
[54] **DISPOSITIF IMPLANTABLE VENTILE D'ADMINISTRATION DE MEDICAMENT**  
[72] WANG, BIN, US  
[72] SHIH, JASON, US  
[72] HARBERS, GREGORY, US  
[72] JIANG, FUKANG, US  
[72] CAFFEY, SEAN, US  
[71] MINIPUMPS, LLC, US  
[85] 2015-12-14  
[86] 2014-06-17 (PCT/US2014/042730)  
[87] (WO2014/204957)  
[30] US (61/835,832) 2013-06-17

[21] **2,915,379**  
[13] A1

[51] **Int.Cl. A01D 34/00 (2006.01)**  
[25] EN  
[54] **YIELD MONITORING APPARATUS, SYSTEMS, AND METHODS**  
[54] **APPAREIL, SYSTEMES ET PROCEDES DE SURVEILLANCE DE RENDEMENT**  
[72] KOCH, JUSTIN, US  
[72] STRNAD, MICHAEL, US  
[71] PRECISION PLANTING LLC, US  
[85] 2015-12-11  
[86] 2014-06-23 (PCT/US2014/043741)  
[87] (WO2014/205455)  
[30] US (61/838,130) 2013-06-21  
[30] US (62/010,355) 2014-06-10

[21] **2,915,381**  
[13] A1

[51] **Int.Cl. C08G 75/00 (2006.01)**  
[25] EN  
[54] **METHOD FOR PREPARING DIOXYHETEROCYCLE-BASED ELECTROCHROMIC POLYMERS**  
[54] **PROCEDE DE PREPARATION DE POLYMERES ELECTROCHROMIQUES DIOXYHETEROCYCLIQUES**  
[72] REYNOLDS, JOHN R., US  
[72] ESTRADA, LEANDRO, US  
[72] DEININGER, JAMES, US  
[72] ARROYAVE-MON-DRAGON, FRANK ANTONIO, US  
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US  
[71] GEORGIA TECH RESEARCH CORPORATION GEORGIA INSTITUTE OF TECHNOLOGY, US  
[85] 2015-12-14  
[86] 2014-06-18 (PCT/US2014/042844)  
[87] (WO2014/205024)  
[30] US (61/836,206) 2013-06-18

[21] **2,915,383**  
[13] A1

[51] **Int.Cl. G06F 9/50 (2006.01)**  
[25] EN  
[54] **AUTOMATED SYSTEM FOR GENERATIVE MULTIMODEL MULTICLASS CLASSIFICATION AND SIMILARITY ANALYSIS USING MACHINE LEARNING**  
[54] **SYSTEME AUTOMATISE POUR UNE CLASSIFICATION GENERATIVE A MULTIPLES CLASSES ET MULTIPLES MODELES, ET ANALYSE DE SIMILARITE A L'AIDE D'UN APPRENTISSAGE AUTOMATIQUE**  
[72] PERMEH, RYAN, US  
[72] MCCLURE, STUART, US  
[72] WOLFF, MATTHEW, US  
[72] GOLOMB, GARY, US  
[72] SOEDER, DEREK A., US  
[72] LEVITES, SEAGEN, US  
[72] O'DEA, MICHAEL, US  
[72] ACEVEDO, GABRIEL, US  
[72] CHISHOLM, GLENN, US  
[71] CYLANCE INC., US  
[85] 2015-12-11  
[86] 2014-06-24 (PCT/US2014/043934)  
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[13] A1  
[51] **Int.Cl. A61M 36/12 (2006.01)**  
[25] EN  
[54] **RADIOACTIVE THERAPEUTIC DEVICE WITH FIXATION**  
[54] **DISPOSITIF THERAPEUTIQUE RADIOACTIF AYANT UN ELEMENT DE FIXATION**  
[72] MUNRO, JOHN J., US  
[72] HOLLOWES, MATTHEW R., US  
[71] SPEC MED INTELLECTUAL PROPERTY, LLC, US  
[85] 2015-12-14  
[86] 2014-06-18 (PCT/US2014/042938)  
[87] (WO2014/205076)  
[30] US (61/837,409) 2013-06-20

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[13] A1  
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01)**  
[25] EN  
[54] **CB1 RECEPTOR ANTIGEN-BINDING PROTEINS AND USES THEREOF**  
[54] **PROTEINES DE LIAISON A L'ANTIGENE SE LIANT AUX RECEPTEURS CB1 ET LEURS UTILISATIONS**  
[72] COWARD, PETER, US  
[72] MOORE, STEVEN A., JR., US  
[72] MENG, SHI-YUAN, US  
[72] TSAI, MEI-MEI, US  
[72] KING, CHADWICK TERENCE, CA  
[72] NAZARIAN, AARON AVRAHAM, US  
[71] AMGEN INC., US  
[85] 2015-12-11  
[86] 2014-06-25 (PCT/US2014/044164)  
[87] (WO2014/210205)  
[30] US (61/839,458) 2013-06-26

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[13] A1  
[51] **Int.Cl. H01B 7/00 (2006.01) G01R 19/145 (2006.01)**  
[25] EN  
[54] **CONDUCTOR ASSEMBLY**  
[54] **ENSEMBLE CONDUCTEUR**  
[72] GRAVERMANN, MARK, DE  
[72] BUSEMANN, FRIEDRICH A., DE  
[72] LOHMEIER, GERHARD, DE  
[72] WEICHOLD, JENS, DE  
[72] SCHUBERT, BERND, DE  
[72] STALDER, MICHAEL H., DE  
[72] ZANOLI, PASQUALE, IT  
[72] BOLCATO, GIULIANO, IT  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2015-12-14  
[86] 2014-06-19 (PCT/US2014/043103)  
[87] (WO2014/205170)  
[30] EP (13172902.2) 2013-06-19

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[13] A1  
[51] **Int.Cl. A61G 1/02 (2006.01) A61G 1/013 (2006.01)**  
[25] EN  
[54] **ASSISTED LIFTING DEVICES FOR ROLL-IN COTS**  
[54] **DISPOSITIF D'AIDE AU LEVAGE POUR CIVIERES ROULANTES**  
[72] DIETZ, TIMOTHY, US  
[72] MAGILL, BRIAN, US  
[71] FERNO-WASHINGTON, INC., US  
[85] 2015-12-11  
[86] 2014-06-12 (PCT/US2014/042088)  
[87] (WO2014/201228)  
[30] US (61/835,039) 2013-06-14

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[13] A1  
[51] **Int.Cl. C02F 1/58 (2006.01) C01F 5/02 (2006.01) C02F 1/04 (2006.01) C02F 1/64 (2006.01) C02F 1/72 (2006.01) C22B 3/04 (2006.01) C22B 3/44 (2006.01) C22B 23/00 (2006.01) C22B 21/00 (2006.01) C22B 26/20 (2006.01) C22B 26/22 (2006.01) C22B 47/00 (2006.01)**  
[25] EN  
[54] **WASTEWATER TREATMENT PROCESS**  
[54] **PROCEDE DE TRAITEMENT DES EAUX USEES**  
[72] OHARA, HIDEKI, JP  
[72] OZAKI, YOSHITOMO, JP  
[71] SUMITOMO METAL MINING CO., LTD., JP  
[85] 2015-12-11  
[86] 2014-05-15 (PCT/JP2014/062988)  
[87] (WO2014/199771)  
[30] JP (2013-125700) 2013-06-14

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[13] A1  
[51] **Int.Cl. G06F 17/30 (2006.01)**  
[25] EN  
[54] **AUTOMATED INFORMATION LOGGING AND VIEWING SYSTEM FOR HYDROCARBON RECOVERY OPERATIONS**  
[54] **SYSTEME AUTOMATISE DE JOURNALISATION ET DE VISUALISATION D'INFORMATIONS POUR OPERATIONS DE RECUPERATION D'HYDROCARBURES**  
[72] LI, WANQIANG, CN  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2015-12-14  
[86] 2013-07-24 (PCT/CN2013/080017)  
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[25] EN  
[54] **FOOD COMPOSITIONS THAT ENHANCE NITRIC OXIDE MEDIATED SIGNALLING**  
[54] **COMPOSITIONS ALIMENTAIRES QUI ACTIVENT LA SIGNALISATION MEDIEE PAR L'OXYDE NITRIQUE**  
[72] CROZIER, STEPHEN, US  
[72] STUART, DAVID, US  
[71] THE HERSHEY COMPANY, US  
[85] 2015-12-11  
[86] 2014-06-13 (PCT/US2014/042312)  
[87] (WO2014/201360)  
[30] US (61/834,569) 2013-06-13

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[13] A1

[51] **Int.Cl. A61K 35/76 (2015.01) A61K 39/125 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **METHODS FOR THE TREATMENT OF BLADDER CANCER**  
[54] **METHODES DE TRAITEMENT DU CANCER DE LA VESSIE**  
[72] SHAFREN, DARREN RAYMOND, AU  
[72] AU, GOUGH, AU  
[72] PANDHA, HARDEV, GB  
[72] SIMPSON, GUY, GB  
[71] VIRALYTICS LIMITED, AU  
[85] 2015-12-14  
[86] 2014-06-13 (PCT/AU2014/000611)  
[87] (WO2014/201492)  
[30] US (61/836,083) 2013-06-17

[21] **2,915,398**  
[13] A1

[51] **Int.Cl. A23B 4/015 (2006.01)**  
[25] EN  
[54] **COMPACT EQUIPMENT FOR THE ELECTROLYTIC STERILISATION OF FOOD PRODUCTS AND UTENSILS**  
[54] **EQUIPEMENT COMPACT POUR LA STERILISATION PAR ELECTROLYSE D'ALIMENTS ET D'USTENSILES**  
[72] DUVOISIN, CHARLES ADRIANO, BR  
[71] DUVOISIN, CHARLES ADRIANO, BR  
[85] 2015-12-14  
[86] 2014-06-20 (PCT/BR2014/000198)  
[87] (WO2015/000045)  
[30] BR (102013017403-3) 2013-07-05

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[13] A1

[51] **Int.Cl. G01J 3/443 (2006.01) G01N 21/71 (2006.01) G01N 21/85 (2006.01)**  
[25] EN  
[54] **LIBS MEASURING TUBE**  
[54] **TUBE DE MESURE PAR LIBS**  
[72] LISNER, UDO-WALTER, DE  
[72] REST, TORSTEN, DE  
[72] WACHTER, JESSICA, DE  
[72] MAKOWE, JOACHIM, DE  
[72] MORKENS, VOLKER, DE  
[72] GEHLEN, CHRISTOPH DOMINIC, DE  
[71] K+S AKTIENGESELLSCHAFT, DE  
[85] 2015-12-14  
[86] 2014-06-12 (PCT/DE2014/000300)  
[87] (WO2014/198256)  
[30] DE (10 2013 009 962.5) 2013-06-14

[21] **2,915,400**  
[13] A1

[51] **Int.Cl. H02M 7/48 (2007.01) H02M 7/483 (2007.01) H02M 7/493 (2007.01) H03H 7/01 (2006.01)**  
[25] EN  
[54] **A POWER CONVERTER WITH OIL FILLED REACTORS**  
[54] **CONVERTISSEUR DE PUISSANCE A REACTEURS A BAIN D'HUILE**  
[72] HYTTINEN, MATS, SE  
[71] ABB TECHNOLOGY LTD, CH  
[85] 2015-12-14  
[86] 2013-06-14 (PCT/EP2013/062367)  
[87] (WO2014/198331)

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[13] A1

[51] **Int.Cl. A47J 31/06 (2006.01) A47J 31/44 (2006.01)**  
[25] EN  
[54] **A FOOD OR BEVERAGE PREPARATION MACHINE WITH DETACHABLE BREWING UNIT**  
[54] **MACHINE DE PREPARATION D'ALIMENT OU DE BOISSON COMPRENANT UNE UNITE D'INFUSION DETACHABLE**  
[72] AIT BOUZIAD, YOUCEF, CH  
[72] AGON, FABIEN LUDOVIC, CH  
[72] PERENTES, ALEXANDRE, CH  
[72] YOAKIM, ALFRED, CH  
[72] DUMUR, PHILIPPE, FR  
[71] NESTEC S.A., CH  
[85] 2015-12-14  
[86] 2014-08-08 (PCT/EP2014/067065)  
[87] (WO2015/024798)  
[30] EP (13181420.4) 2013-08-22

[21] **2,915,402**  
[13] A1

[51] **Int.Cl. H01L 23/49 (2006.01) G01J 5/06 (2006.01) G01J 5/20 (2006.01) H01L 23/367 (2006.01) H01L 23/467 (2006.01) H01L 23/473 (2006.01) H01L 23/66 (2006.01) H01L 27/146 (2006.01) H01S 5/024 (2006.01)**  
[25] EN  
[54] **HEAT ISOLATION STRUCTURES FOR HIGH BANDWIDTH INTERCONNECTS**  
[54] **STRUCTURES D'ISOLATION THERMIQUE POUR DES INTERCONNEXIONS A LARGEUR DE BANDE ELEVEE**  
[72] CAHILL, SEAN S., US  
[72] SANJUAN, ERIC A., US  
[71] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE  
[85] 2015-12-14  
[86] 2014-07-02 (PCT/EP2014/001820)  
[87] (WO2015/000591)  
[30] US (61/842,955) 2013-07-03

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[13] A1

[51] **Int.Cl. F16H 9/18 (2006.01) F16H 57/035 (2012.01) B62D 11/00 (2006.01) F16H 59/50 (2006.01) F16H 59/58 (2006.01) F16H 61/662 (2006.01)**

[25] EN

[54] **CONTINUOUSLY VARIABLE TRANSMISSION**

[54] **TRANSMISSION A VARIATION CONTINUE**

[72] FAIRHEAD, RYAN JAMES, CA  
[72] MICACCHI, STEVE, CA  
[71] BPG RECREATIONAL INC., CA  
[85] 2015-12-14  
[86] 2013-06-12 (PCT/CA2013/050445)  
[87] (WO2013/185228)  
[30] US (61/658,653) 2012-06-12

[21] **2,915,404**  
[13] A1

[51] **Int.Cl. H01L 23/49 (2006.01) H01L 23/00 (2006.01) H01L 23/31 (2006.01) H01L 23/50 (2006.01) H01L 23/66 (2006.01)**

[25] EN

[54] **COATED BOND WIRES FOR DIE PACKAGES AND METHODS OF MANUFACTURING SAID COATED BOND WIRES**

[54] **FILS DE CONNEXION GAINES POUR BOITIER DE MATRICE ET PROCEDES DE FABRICATION DE CES FILS DE CONNEXION GAINES**

[72] CAHILL, SEAN S., US  
[72] SANJUAN, ERIC A., US  
[71] ROSENBERGER  
HOCHFREQUENZTECHNIK GMBH & CO. KG, DE  
[85] 2015-12-14  
[86] 2014-07-02 (PCT/EP2014/001821)  
[87] (WO2015/000592)  
[30] US (61/842,951) 2013-07-03

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[13] A1

[51] **Int.Cl. C12N 5/00 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR TREATING METABOLIC DISORDERS**

[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DES TROUBLES METABOLIQUES**

[72] CINCOTTA, ANTHONY H., US  
[72] ZHANG, YAHONG, US  
[71] VEROSCIENCE LLC, US  
[85] 2015-12-11  
[86] 2014-06-13 (PCT/US2014/042397)  
[87] (WO2014/201411)  
[30] US (61/834,864) 2013-06-13

[21] **2,915,406**  
[13] A1

[51] **Int.Cl. H01L 21/56 (2006.01) H01L 23/49 (2006.01) H01L 23/50 (2006.01) H01L 23/66 (2006.01)**

[25] EN

[54] **A SUBSTRATE LESS DIE PACKAGE HAVING WIRES WITH DIELECTRIC AND METAL COATINGS AND THE METHOD OF MANUFACTURING THE SAME**

[54] **BOITIER DE PUCE SANS SUBSTRAT AYANT DES FILS A REVETEMENTS DIELECTRIQUE ET METALLIQUE ET SON PROCEDE DE FABRICATION**

[72] CAHILL, SEAN S., US  
[72] SANJUAN, ERIC A., US  
[71] ROSENBERGER  
HOCHFREQUENZTECHNIK GMBH & CO. KG, DE  
[85] 2015-12-14  
[86] 2014-07-02 (PCT/EP2014/001822)  
[87] (WO2015/000593)  
[30] US (61/842,950) 2013-07-03

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[13] A1

[51] **Int.Cl. H01L 23/49 (2006.01) H01L 23/367 (2006.01) H01L 23/38 (2006.01) H01L 23/467 (2006.01) H01L 23/473 (2006.01) H01L 23/66 (2006.01) H01L 25/065 (2006.01) H01L 25/10 (2006.01) H01Q 23/00 (2006.01)**

[25] EN

[54] **AN INTERCONNECT SYSTEM COMPRISING AN INTERCONNECT HAVING A PLURALITY OF METAL CORES AT LEAST PARTIALLY SURROUNDED BY A DIELECTRIC LAYER**

[54] **SYSTEME D'INTERCONNEXION COMPORTANT UN CONDUCTEUR A RUBAN PRESENTANT UNE PLURALITE D'AMES METALLIQUES AU MOINS PARTIELLEMENT ENTOUREES PAR UNE COUCHE DIELECTRIQUE**

[72] CAHILL, SEAN, S., US  
[72] SANJUAN, ERIC, A., US  
[71] ROSENBERGER  
HOCHFREQUENZTECHNIK GMBH & CO. KG, DE  
[85] 2015-12-14  
[86] 2014-07-02 (PCT/EP2014/001823)  
[87] (WO2015/000594)  
[30] US (61/842,948) 2013-07-03  
[30] US (61/842,949) 2013-07-03  
[30] US (61/842,954) 2013-07-03

[21] **2,915,408**  
[13] A1

[51] **Int.Cl. F16J 15/12 (2006.01) F16K 3/24 (2006.01)**

[25] EN

[54] **SEAL ASSEMBLIES FOR USE WITH FLUID VALVES**

[54] **ENSEMBLES JOINTS A UTILISER AVEC DES SOUPAPES DE FLUIDE**

[72] MANN, J. ADIN, US  
[72] ANDERSON, SHAWN W., US  
[71] FISHER CONTROLS  
INTERNATIONAL LLC, US  
[85] 2015-12-11  
[86] 2014-06-18 (PCT/US2014/042868)  
[87] (WO2014/205033)  
[30] US (13/920,730) 2013-06-18

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[13] A1

[51] **Int.Cl. B29C 67/00 (2006.01)**  
[25] EN  
[54] **PRINTED THREE-DIMENSIONAL (3D) FUNCTIONAL PART AND METHOD OF MAKING**  
[54] **PIECE FONCTIONNELLE IMPRIMEE EN TROIS DIMENSIONS (3D) ET PROCEDE DE REALISATION**  
[72] LEWIS, JENNIFER A., US  
[72] BELL, MICHAEL A., US  
[72] BUSBEE, TRAVIS A., US  
[72] MINARDI, JOHN E., II, US  
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US  
[85] 2015-12-11  
[86] 2014-06-24 (PCT/US2014/043860)  
[87] (WO2014/209994)  
[30] US (61/838,714) 2013-06-24

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[13] A1

[51] **Int.Cl. C22C 21/12 (2006.01) C22F 1/057 (2006.01)**  
[25] FR  
[54] **EXTRADOS STRUCTURAL ELEMENT MADE FROM AN ALUMINIUM COPPER LITHIUM ALLOY**  
[54] **ELEMENT DE STRUCTURE EXTRADOS EN ALLIAGE ALUMINIUM CUIVRE LITHIUM**  
[72] DANIELOU, ARMELLE, FR  
[72] POUGET, GAELLE, US  
[72] SIGLI, CHRISTOPHE, FR  
[71] CONSTELLIUM ISSOIRE, FR  
[85] 2015-12-14  
[86] 2014-06-18 (PCT/FR2014/000138)  
[87] (WO2015/011346)  
[30] FR (13/01459) 2013-07-21

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[13] A1

[51] **Int.Cl. A61K 38/26 (2006.01) A61K 38/28 (2006.01) A61P 3/10 (2006.01)**  
[25] EN  
[54] **INSULIN GLARGINE/LIXISENATIDE FIXED RATIO FORMULATION**  
[54] **FORMULATION CONTENANT UN RAPPORT FIXE INSULINE GLARGINE/LIXISENATIDE**  
[72] SOUHAMI, ELISABETH, FR  
[72] SILVESTRE, LOUISE, FR  
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE  
[85] 2015-12-14  
[86] 2014-06-13 (PCT/EP2014/062418)  
[87] (WO2014/202483)  
[30] EP (13172341.3) 2013-06-17  
[30] EP (13192556.2) 2013-11-12

[21] **2,915,410**  
[13] A1

[51] **Int.Cl. H01L 23/40 (2006.01) H01L 23/50 (2006.01) H01L 23/66 (2006.01)**  
[25] EN  
[54] **MIXED IMPEDANCE BOND WIRE CONNECTIONS AND METHOD OF MAKING THE SAME**  
[54] **CONNEXIONS PAR FILS A IMPEDANCE MIXTE ET PROCEDE DE PRODUCTION CORRESPONDANT**  
[72] CAHILL, SEAN S., US  
[72] SANJUAN, ERIC A., US  
[71] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE  
[85] 2015-12-14  
[86] 2014-07-02 (PCT/EP2014/001826)  
[87] (WO2015/000597)  
[30] US (61/842,942) 2013-07-03

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[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01)**  
[25] EN  
[54] **HUMANIZED ANTIBODIES TO CLUSTER OF DIFFERENTIATION 3 (CD3)**  
[54] **ANTICORPS HUMANISES POUR LE GROUPE DE DIFFERENTIATION 3 (CD3)**  
[72] ELLIS, RONALD, IL  
[72] TAL, MICHAEL, IL  
[72] SAMIRA, SARIT, IL  
[72] RACHAMIM, NURIT, IL  
[72] JONES, TIMOTHY DAVID, GB  
[72] CARR, FRANCIS JOSEPH, GB  
[72] DOTAN, SHAHAR, IL  
[71] THERAPIX BIOSCIENCES LTD., IL  
[85] 2015-12-14  
[86] 2013-03-12 (PCT/IB2013/001165)  
[87] (WO2013/186613)  
[30] US (61/659,717) 2012-06-14

[21] **2,915,414**  
[13] A1

[51] **Int.Cl. A61M 1/02 (2006.01) A61M 1/10 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR BLOOD CONCENTRATION**  
[54] **APPAREIL DE CONCENTRATION DE SANG**  
[72] COTTON, STEPHEN, GB  
[72] GOURLAY, TERENCE, GB  
[71] BRIGHTWAKE LIMITED, GB  
[85] 2015-12-14  
[86] 2014-07-23 (PCT/GB2014/052249)  
[87] (WO2015/011473)  
[30] GB (1313137.0) 2013-07-23

[21] **2,915,415**  
[13] A1

[51] **Int.Cl. H04N 7/00 (2011.01) A41D 1/00 (2006.01)**  
[25] EN  
[54] **SPORTS GARMENT FOR FIRST-PERSON VIEW EVENT BROADCASTING**  
[54] **VETEMENT DE SPORT POUR LA RETRANSMISSION D'EVENEMENTS PAR LE SPORTIF LUI-MEME**  
[72] ILDEFONSO HUERTAS, JOSE ANTONIO, ES  
[71] FIRST VISION TECHNOLOGIES S.L., ES  
[85] 2015-12-14  
[86] 2014-06-09 (PCT/ES2014/070476)  
[87] (WO2014/198987)  
[30] ES (U201330748) 2013-06-14

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[13] A1

[51] **Int.Cl. H01C 1/08 (2006.01) H01C 7/12 (2006.01)**  
[25] EN  
[54] **WIND TURBINE**  
[54] **EOLIENNE**  
[72] BERENTS, GERD, DE  
[72] SCHROBSDORFF, SIMON, DE  
[71] WOBLEN PROPERTIES GMBH, DE  
[85] 2015-12-14  
[86] 2014-06-16 (PCT/EP2014/062531)  
[87] (WO2014/206783)  
[30] DE (10 2013 211 898.8) 2013-06-24

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[13] A1

[51] **Int.Cl. F16L 58/10 (2006.01) B05B 13/04 (2006.01) B29C 47/02 (2006.01) F16L 27/08 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR PRODUCING A TUBE SEAM**  
[54] **APPAREIL POUR REALISER UNE JONCTION ENTRE TUBES**  
[72] GLASBERG, CHRISTIAN, FI  
[72] KARJALAINEN, KARI, FI  
[72] SJOBERG, SVEN, FI  
[72] SIEKKINEN, ALPO, FI  
[71] UPONOR INFRA OY, FI  
[85] 2015-12-14  
[86] 2014-06-19 (PCT/FI2014/050499)  
[87] (WO2014/202839)  
[30] FI (20135678) 2013-06-20

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[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 29/00 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **PI3K PROTEIN KINASE INHIBITORS, PARTICULARLY DELTA AND/OR GAMMA INHIBITORS**  
[54] **INHIBITEURS DE PROTEINE KINASE PI3K, EN PARTICULIER INHIBITEURS DELTA ET/OU GAMMA**  
[72] BHAVAR, PRASHANT KASHINATH, IN  
[72] VAKKALANKA, SWAROOP KUMAR VENKATA SATYA, CH  
[72] BABU, GOVINDARAJULU, IN  
[71] RHIZEN PHARMACEUTICALS SA, CH  
[85] 2015-12-14  
[86] 2014-07-01 (PCT/IB2014/062775)  
[87] (WO2015/001491)  
[30] IN (2937/CHE/2013) 2013-07-02  
[30] IN (5935/CHE/2013) 2013-12-18

[21] **2,915,419**  
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[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/551 (2006.01) A61P 25/00 (2006.01) C07D 243/02 (2006.01) C07D 401/12 (2006.01) C07D 413/12 (2006.01)**  
[25] EN  
[54] **SUBSTITUTED PHENYL-2,3-BENZODIAZEPINES**  
[54] **PHENYL-2,3-BENZODIAZEPINE SUBSTITUEE**  
[72] SIEGEL, STEPHAN, DE  
[72] BAURLE, STEFAN, DE  
[72] CLEVE, ARWED, DE  
[72] HAENDLER, BERNARD, DE  
[72] FERNANDEZ-MONTALVAN, AMAURY ERNESTO, DE  
[72] MONNING, URSULA, DE  
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE  
[85] 2015-12-14  
[86] 2014-06-17 (PCT/EP2014/062674)  
[87] (WO2014/202578)  
[30] EP (13172351.2) 2013-06-17

[21] **2,915,421**  
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[51] **Int.Cl. C08J 5/04 (2006.01)**  
[25] EN  
[54] **A FIBER MAT REINFORCED RESIN COMPOSITE**  
[54] **COMPOSITE DE RESINE RENFORCEE PAR UN FEUTRE DE FIBRES**  
[72] BIESALSKI, MARKUS, DE  
[72] REHAHN, MATTHIAS, DE  
[72] KLEIN, ROLAND, DE  
[72] MEHLHASE, SABRINA, DE  
[72] BAASKE, MATTHIAS, DE  
[72] DIETZ, JENNIFER, DE  
[72] SCHABEL, SAMUEL, DE  
[72] KROLING, HENRI, DE  
[72] BUTER, ANDREAS, DE  
[72] FLECKENSTEIN, JOHANNA, DE  
[72] NUBBO, NARMIN, DE  
[72] MILETZKY, FRANK, DE  
[72] ENDRES, ANGELIKA, DE  
[72] DUETSCH, MICHAEL, DE  
[72] RINGENA, OKKO, DE  
[72] VALKONEN, SANNA, FI  
[71] UPM-KYMMENE CORPORATION, FI  
[85] 2015-12-14  
[86] 2014-06-24 (PCT/FI2014/050505)  
[87] (WO2014/207308)  
[30] FI (20135716) 2013-06-28

[21] **2,915,422**  
[13] A1

[51] **Int.Cl. B29C 51/00 (2006.01) B29D 35/12 (2010.01) B29C 70/04 (2006.01) B29C 70/34 (2006.01) B29D 22/00 (2006.01)**  
[25] FR  
[54] **METHOD FOR MAKING A HOLLOW OBJECT**  
[54] **PROCEDE DE FABRICATION D'UN OBJET CREUX**  
[72] BOUCHER, BEATRICE, FR  
[72] GAUTIER, GERARD, CH  
[71] SALOMON S.A.S., FR  
[71] BOUCHER, BEATRICE, FR  
[71] GAUTIER, GERARD, CH  
[85] 2015-12-14  
[86] 2014-06-25 (PCT/FR2014/000143)  
[87] (WO2014/207325)  
[30] FR (13 01485) 2013-06-25

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[13] A1

[51] **Int.Cl. F23N 5/20 (2006.01) F23N 5/24 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR CONTROLLING THE OPERATION OF A BURNER**  
[54] **PROCEDE ET SYSTEME DE COMMANDE DU FONCTIONNEMENT D'UN BRULEUR**  
[72] VENDRAMINI, ANTONIO, IT  
[71] SIT S.P.A., IT  
[85] 2015-12-14  
[86] 2014-07-01 (PCT/IB2014/062770)  
[87] (WO2015/001487)  
[30] IT (PD2013A000186) 2013-07-02

[21] **2,915,424**  
[13] A1

[51] **Int.Cl. C07C 45/67 (2006.01) A61K 31/122 (2006.01) A61P 25/28 (2006.01) C07C 49/757 (2006.01)**  
[25] EN  
[54] **HYPERFORIN DERIVATIVES AND THEIR USE IN ALZHEIMER'S DISEASE**  
[54] **DERIVES D'HYPERFORINE ET LEUR UTILISATION DANS LA MALADIE D'ALZHEIMER**  
[72] MORAZZONI, PAOLO, IT  
[72] RIVA, ANTONELLA, IT  
[72] FONTANA, GABRIELE, IT  
[71] INDENA S.P.A., IT  
[85] 2015-12-14  
[86] 2014-06-17 (PCT/EP2014/062707)  
[87] (WO2014/202597)  
[30] IT (MI2013A001012) 2013-06-19

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[13] A1

[51] **Int.Cl. A61K 35/76 (2015.01) A61K 31/135 (2006.01) A61K 38/48 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **VACCINIA VIRUS FOR GENE-DIRECTED ENZYME PRODRUG THERAPY**  
[54] **VIRUS VACCINAL POUR THERAPIE PAR PRODRUGUE ACTIVEE PAR DES ENZYMES EXPRIMEES PAR DES GENES**  
[72] MARAIS, RICHARD, GB  
[72] SPRINGER, CAROLINE, GB  
[72] TOMMASINI, SERENA, GB  
[71] THE INSTITUTE OF CANCER RESEARCH: ROYAL CANCER HOSPITAL, GB  
[85] 2015-12-14  
[86] 2014-06-18 (PCT/GB2014/051873)  
[87] (WO2014/202977)  
[30] GB (1310917.8) 2013-06-19

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[13] A1

[51] **Int.Cl. A61C 7/00 (2006.01) A61C 7/08 (2006.01) A61C 7/14 (2006.01) A61C 9/00 (2006.01) A61C 13/00 (2006.01)**  
[25] EN  
[54] **ARRANGEMENT, DEVICE AND METHOD FOR PRODUCING AN ORTHODONTIC APPARATUS AND DEVICE FOR INDIRECT ADHESION OF AN ORTHODONTIC APPARATUS**  
[54] **SYSTEME, DISPOSITIF ET PROCEDE DE FABRICATION D'UN APPAREIL ORTHODONTIQUE ET DISPOSITIF POUR LE COLLAGE INDIRECT D'UN APPAREIL ORTHODONTIQUE**  
[72] DJAMCHIDI, CEPAND, DE  
[71] SONNENBERG CONSULTING AG, CH  
[85] 2015-12-14  
[86] 2014-06-17 (PCT/EP2014/062727)  
[87] (WO2014/202609)  
[30] DE (102013010186.7) 2013-06-17

[21] **2,915,428**  
[13] A1

[51] **Int.Cl. E01H 5/06 (2006.01)**  
[25] EN  
[54] **A SNOW-PLOUGH BLADE GROUP FOR ABSORBING LATERAL IMPACTS**  
[54] **DISPOSITIF DE DENEIGEMENT**  
[72] GANDOLFI, FABIO, IT  
[71] GILETTA S.P.A., IT  
[85] 2015-12-14  
[86] 2014-06-16 (PCT/IB2014/062259)  
[87] (WO2014/203143)  
[30] IT (BO2013A 000304) 2013-06-18

[21] **2,915,430**  
[13] A1

[51] **Int.Cl. A61K 9/51 (2006.01) A61K 9/08 (2006.01) A61K 47/48 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR USE IN MEDICAL DIAGNOSIS**  
[54] **COMPOSITIONS ET PROCEDES POUR UNE UTILISATION EN DIAGNOSTIC MEDICAL**  
[72] POUL, LAURENCE, FR  
[72] LEVY, LAURENT, FR  
[72] BERJAUD, CELINE, FR  
[72] GERMAIN, MATTHIEU, FR  
[72] POTTIER, AGNES, FR  
[71] NANABIOTIX, FR  
[85] 2015-12-14  
[86] 2014-06-19 (PCT/EP2014/062947)  
[87] (WO2014/202723)  
[30] EP (13305831.3) 2013-06-20  
[30] US (61/837,389) 2013-06-20

[21] **2,915,433**  
[13] A1

[51] **Int.Cl. A01G 1/04 (2006.01)**  
[25] EN  
[54] **HOLDER AND METHOD FOR THE COMMERCIAL GROWING, STORAGE, TRANSPORTATION AND/OR SALE OF MUSHROOMS**  
[54] **SUPPORT ET PROCEDE DE CULTURE, STOCKAGE, TRANSPORT ET/OU VENTE DE CHAMPIGNONS POUR LE COMMERCE**  
[72] LAPIERRE, HILDE, BE  
[72] VAN ROBAYS, STEVEN, BE  
[71] ARCHIDUC USIL BVBA, BE  
[85] 2015-12-14  
[86] 2014-06-20 (PCT/EP2014/062989)  
[87] (WO2014/206870)  
[30] BE (2013/0455) 2013-06-28

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[13] A1

[51] **Int.Cl. A61C 17/06 (2006.01) A61M 16/00 (2006.01) A61M 16/04 (2006.01)**  
[25] EN  
[54] **ORAL CARE SYSTEM METHOD AND KIT**  
[54] **PROCEDE ET KIT DE SYSTEME DE SOIN ORAL**  
[72] ZACHAR, ORON, IL  
[72] EINAV, ELAD, IL  
[71] AIRWAY MEDIX SPOLKA S.A., PL  
[85] 2015-09-09  
[86] 2013-03-11 (PCT/IB2013/051924)  
[87] (WO2013/136256)  
[30] US (61/609,331) 2012-03-11  
[30] PL (PL399069) 2012-05-07  
[30] AU (2012268881) 2012-12-24  
[30] GB (1223458.9) 2012-12-27

[21] **2,915,439**  
[13] A1

[51] **Int.Cl. C07K 1/04 (2006.01)**  
[25] EN  
[54] **PEPTIDE-RESIN CONJUGATE AND USE THEREOF**  
[54] **CONJUGUE PEPTIDE-RESINE ET SON UTILISATION**  
[72] BARLOS, KLEOMENIS, GR  
[72] BARLOS, KOSTAS, GR  
[72] GATOS, DIMITRIOS, GR  
[71] CHEMICAL & BIOPHARMACEUTICAL LABORATORIES OF PATRAS S.A., GR  
[85] 2015-12-14  
[86] 2014-06-19 (PCT/IB2014/062430)  
[87] (WO2014/203193)  
[30] GB (1310921.0) 2013-06-19

[21] **2,915,442**  
[13] A1

[51] **Int.Cl. A01B 79/00 (2006.01) A01G 25/16 (2006.01) A01G 31/00 (2006.01) A01G 31/02 (2006.01)**  
[25] EN  
[54] **PLANT GROWTH SYSTEM**  
[54] **SYSTEME DE CROISSANCE D'UN VEGETAL**  
[72] DE GROOT, JACOB FRANK, NL  
[72] VAN DER VEEN, DOLF, NL  
[72] HEMPENIUS, EELKE GJALT, NL  
[71] ROCKWOOL INTERNATIONAL A/S, DK  
[85] 2015-12-14  
[86] 2014-07-04 (PCT/EP2014/064319)  
[87] (WO2015/001083)  
[30] EP (13175294.1) 2013-07-05

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[13] A1

[51] **Int.Cl. G10L 19/005 (2013.01) G10L 19/02 (2013.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR OBTAINING SPECTRUM COEFFICIENTS FOR A REPLACEMENT FRAME OF AN AUDIO SIGNAL, AUDIO DECODER, AUDIO RECEIVER AND SYSTEM FOR TRANSMITTING AUDIO SIGNALS**  
[54] **PROCEDE ET APPAREIL D'OBTENTION DE COEFFICIENTS SPECTRAUX POUR UNE TRAME DE SUBSTITUTION D'UN SIGNAL AUDIO, DECODEUR AUDIO, RECEPTEUR AUDIO ET SYSTEME D'EMISSION DE SIGNAUX AUDIO**  
[72] SUKOWSKI, JANINE, DE  
[72] SPERSCHNEIDER, RALPH, DE  
[72] MARKOVIC, GORAN, DE  
[72] JAEGER, WOLFGANG, DE  
[72] HELMRICH, CHRISTIAN, DE  
[72] EDLER, BERND, DE  
[72] GEIGER, RALF, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANTEN FORSCHUNG E.V., DE  
[85] 2015-12-14  
[86] 2014-06-20 (PCT/EP2014/063058)  
[87] (WO2014/202770)  
[30] EP (13173161.4) 2013-06-21  
[30] EP (14167072.9) 2014-05-05

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[13] A1

[51] **Int.Cl. C23C 10/28 (2006.01) C21D 9/573 (2006.01) C21D 9/63 (2006.01) C23C 10/52 (2006.01) C23C 10/60 (2006.01) C23C 12/00 (2006.01) C23C 12/02 (2006.01) F27B 9/02 (2006.01) F27B 9/10 (2006.01) F27B 9/28 (2006.01)**  
[25] EN  
[54] **DIFFUSION OF ALUMINIUM-SILICON INTO A STEEL SHEET**  
[54] **DIFFUSION D'ALUMINO-SILICIUM DANS UNE BANDE CONTINUE DE TOLE D'ACIER**  
[72] SCHWARTZ, ROLF-JOSEF, DE  
[72] SCHWARTZ, EVA, DE  
[71] SCHWARTZ GMBH, DE  
[85] 2015-12-14  
[86] 2014-06-23 (PCT/EP2014/063150)  
[87] (WO2014/206933)  
[30] EP (13173619.1) 2013-06-25

[21] **2,915,443**  
[13] A1

[51] **Int.Cl. A61K 31/713 (2006.01) A61P 21/00 (2006.01)**  
[25] EN  
[54] **DOUBLE-STRANDED ANTISENSE NUCLEIC ACID WITH EXON-SKIPPING EFFECT**  
[54] **ACIDE NUCLEIQUE ANTISENS A DOUBLE BRIN AYANT UN EFFET DE SAUT D'EXON**  
[72] YOKOTA, TAKANORI, JP  
[72] NISHINA, KAZUTAKA, JP  
[72] YOSHIOKA, KOTARO, JP  
[72] OBIKA, SATOSHI, JP  
[72] SHIMO, TAKENORI, JP  
[71] NATIONAL UNIVERSITY CORPORATION TOKYO MEDICAL AND DENTAL UNIVERSITY, JP  
[71] OSAKA UNIVERSITY, JP  
[85] 2015-12-14  
[86] 2014-06-16 (PCT/JP2014/003208)  
[87] (WO2014/203518)  
[30] US (61/835,634) 2013-06-16  
[30] US (61/836,672) 2013-06-19

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[13] A1

[51] **Int.Cl. G01N 21/88 (2006.01)**  
[25] EN  
[54] **SIZING DEFECT DETECTION SYSTEM AND SIZING DEFECT DETECTION METHOD**  
[54] **SYSTEME DE DETECTION DE DEFAUT D'ENCOLLAGE ET PROCEDE DE DETECTION DE DEFAUT D'ENCOLLAGE**  
[72] YAMAZAKI, MASAHIKO, JP  
[71] YOSHINO GYPSUM CO., LTD., JP  
[85] 2015-12-14  
[86] 2014-05-23 (PCT/JP2014/063628)  
[87] (WO2014/208226)  
[30] JP (2013-131749) 2013-06-24

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[21] **2,915,445**  
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 47/40 (2006.01)**  
[25] EN  
[54] **PRESERVED ETHERIFIED CYCLODEXTRIN DERIVATIVES CONTAINING LIQUID AQUEOUS PHARMACEUTICAL COMPOSITION**  
[54] **COMPOSITION PHARMACEUTIQUE AQUEUSE LIQUIDE CONTENANT DES DERIVES DE CYCLODEXTRINE ETHERIFIES CONSERVES**  
[72] AVEN, MICHAEL, DE  
[72] LUKAS, TIM, DE  
[71] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE  
[85] 2015-12-14  
[86] 2014-07-16 (PCT/EP2014/065204)  
[87] (WO2015/007760)  
[30] EP (13177268.3) 2013-07-19

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[51] **Int.Cl. H04N 21/414 (2011.01) H04N 21/4143 (2011.01) H04N 21/44 (2011.01) H04N 21/442 (2011.01) H04N 21/643 (2011.01) H04N 21/647 (2011.01)**  
[25] EN  
[54] **CONCEPT FOR DETERMINING THE QUALITY OF A MEDIA DATA STREAM WITH VARYING QUALITY-TO-BITRATE**  
[54] **CONCEPT DE DETERMINATION DE LA QUALITE D'UN FLUX DE DONNEES MEDIA A RAPPORT QUALITE/DEBIT BINAIRE VARIABLE**  
[72] SCHMIDMER, CHRISTIAN, DE  
[72] KEYHL, MICHAEL, DE  
[72] OBERMANN, MATTHIAS, DE  
[72] BITTO, ROLAND, DE  
[71] OPTICOM DIPL.-ING. MICHAEL KEYHL GMBH, DE  
[85] 2015-12-14  
[86] 2014-06-18 (PCT/EP2014/062853)  
[87] (WO2014/202682)  
[30] DE (10 2013 211 571.7) 2013-06-19

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[13] A1

[51] **Int.Cl. C12N 5/00 (2006.01) C12N 5/07 (2010.01) C07H 21/04 (2006.01) C12N 5/10 (2006.01)**  
[25] EN  
[54] **TARGETED INTEGRATION**  
[54] **INTEGRATION CIBLEE**  
[72] BAHR, SCOTT, US  
[72] BORGSCHULTE, TRISSA, US  
[72] KAYSER, KEVIN, US  
[71] SIGMA ALDRICH CO. LLC, US  
[85] 2015-12-14  
[86] 2014-06-19 (PCT/US2014/043138)  
[87] (WO2014/205192)  
[30] US (61/837,019) 2013-06-19

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[51] **Int.Cl. B23P 17/04 (2006.01) A61M 5/31 (2006.01)**  
[25] EN  
[54] **PROVIDING A PHARMACOKINETIC DRUG DOSING REGIME**  
[54] **FOURNITURE D'UN REGIME DE DOSAGE DE MEDICAMENT PHARMACOCINETIQUE**  
[72] LOEW-BASELLI, ALEXANDRA, AT  
[72] SPOTTS, GERALD DICKEY, US  
[72] OH, MYUNGSHIN, US  
[71] BAXALTA GMBH, CH  
[71] BAXALTA INCORPORATED, US  
[85] 2015-12-14  
[86] 2014-06-20 (PCT/US2014/043517)  
[87] (WO2015/006033)  
[30] US (61/837,421) 2013-06-20  
[30] US (61/840,969) 2013-06-28  
[30] US (61/881,214) 2013-09-23

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[21] **2,915,473**  
[13] A1

[51] **Int.Cl. A61B 5/11 (2006.01) A61B 5/024 (2006.01) A61B 5/145 (2006.01) A61G 7/043 (2006.01)**  
[25] EN  
[54] **CORRELATING SENSOR DATA OBTAINED FROM A WEARABLE SENSOR DEVICE WITH SENSOR DATA OBTAINED FROM A SMART PHONE**  
[54] **CORRELATION DE DONNEES DE DETECTION OBTENUES A PARTIR D'UN DISPOSITIF DE DETECTION PORTABLE, AVEC DES DONNEES DE DETECTION OBTENUES A PARTIR D'UN SMARTPHONE**  
[72] CARTER, ABRAHAM, US  
[72] SCOTT, DAVID, US  
[71] AMIGO, INC., US  
[85] 2015-12-15  
[86] 2014-05-15 (PCT/US2014/038264)  
[87] (WO2014/186619)  
[30] US (61/823,830) 2013-05-15  
[30] US (14/279,140) 2014-05-15

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[21] **2,915,474**  
[13] A1

[51] **Int.Cl. A61K 31/403 (2006.01) A61P 17/04 (2006.01) A61P 25/20 (2006.01)**  
[25] EN  
[54] **USE OF NK-1 RECEPTOR ANTAGONIST SERLOPITANT IN PRURITUS**  
[54] **UTILISATION DE SERLOPITANT, ANTAGONISTE DU RECEPTEUR NK -1, DANS LE TRAITEMENT DU PRURIT**  
[72] ZHANG, XIAOMING, US  
[72] SCHNIPPER, EDWARD F., US  
[72] PERLMAN, ANDREW J., US  
[72] LARRICK, JAMES W., US  
[71] TIGERCAT PHARMA, INC., US  
[85] 2015-12-14  
[86] 2014-06-24 (PCT/US2014/043811)  
[87] (WO2014/209962)  
[30] US (61/838,784) 2013-06-24  
[30] US (13/925,509) 2013-06-24

[21] **2,915,475**  
[13] A1

[51] **Int.Cl. B01L 3/00 (2006.01)**  
[25] EN  
[54] **CASE AND CASE HOLDER FOR BIOLOGICAL SAMPLES AND CORRESPONDING METHOD OF USE**  
[54] **BOITIER ET SUPPORT DE BIOLOGIQUES ET PROCEDE CORRESPONDANT D'UTILISATION**  
[72] PALLAS, MICHAEL, US  
[72] FOSTER, EVAN, US  
[72] FONSECA, JORGE, US  
[72] NURSE, JAMES, US  
[72] STRAUB, THEODORE, US  
[71] LIFE TECHNOLOGIES CORPORATION, US  
[85] 2015-12-15  
[86] 2014-05-27 (PCT/US2014/039623)  
[87] (WO2014/190357)  
[30] US (61/827,477) 2013-05-24

[21] **2,915,477**  
[13] A1

[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/08 (2006.01) A61B 17/10 (2006.01) A61B 17/12 (2006.01) A61B 17/122 (2006.01) A61B 17/128 (2006.01)**  
[25] EN  
[54] **HEMOSTASIS DEVICE WITH ONE WAY TRAP**  
[54] **DISPOSITIF D'HEMOSTASE AVEC PIEGE A UNE VOIE**  
[72] RAYBIN, SAMUEL, US  
[72] RYAN, SHAWN, US  
[72] SMITH, PAUL, US  
[71] BOSTON SCIENTIFIC SCIMED, INC., US  
[85] 2015-12-14  
[86] 2014-06-24 (PCT/US2014/043890)  
[87] (WO2014/210019)  
[30] US (61/839,009) 2013-06-25

[21] **2,915,483**  
[13] A1

[51] **Int.Cl. B60C 7/00 (2006.01)**  
[25] EN  
[54] **ANNULAR RING AND NON-PNEUMATIC TIRE**  
[54] **BAGUE ANNULAIRE ET BANDAGE NON PNEUMATIQUE**  
[72] THOMPSON, RONALD, US  
[71] THOMPSON, RONALD, US  
[85] 2015-12-15  
[86] 2014-06-13 (PCT/US2014/042327)  
[87] (WO2014/201368)  
[30] US (61/835,549) 2013-06-15

[21] **2,915,486**  
[13] A1

[51] **Int.Cl. C08G 61/08 (2006.01)**  
[25] EN  
[54] **THERMAL INSULATION**  
[54] **ISOLATION THERMIQUE**  
[72] CRUCE, CHRISTOPHER J., US  
[72] GIARDELLO, MICHAEL A., US  
[72] CONLEY, BRIAN L., US  
[72] STEPHEN, ANTHONY R., US  
[71] MATERIA, INC., US  
[85] 2015-12-14  
[86] 2014-06-24 (PCT/US2014/043968)  
[87] (WO2014/210076)  
[30] US (61/838,824) 2013-06-24  
[30] US (61/948,196) 2014-03-05

[21] **2,915,488**  
[13] A1

[51] **Int.Cl. G05F 1/70 (2006.01)**  
[25] EN  
[54] **SOURCE IMPEDANCE ESTIMATION**  
[54] **ESTIMATION D'IMPEDANCE DE SOURCE**  
[72] ALLEN, WILLIAM F., CA  
[72] HAES, DENNIS, US  
[71] SCHWEITZER ENGINEERING LABORATORIES, INC., US  
[85] 2015-12-15  
[86] 2014-05-30 (PCT/US2014/040322)  
[87] (WO2014/204637)  
[30] US (13/919,487) 2013-06-17

[21] **2,915,490**  
[13] A1

[51] **Int.Cl. G05D 16/06 (2006.01)**  
[25] EN  
[54] **HEATED FLUID REGULATORS**  
[54] **REGULATEURS DE FLUIDE CHAUFFE**  
[72] GRIFFIN, JAMES LYMAN, JR., US  
[72] MCKINNEY, HAROLD JOE, US  
[71] EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC., US  
[85] 2015-12-14  
[86] 2014-06-25 (PCT/US2014/044011)  
[87] (WO2014/210104)  
[30] US (13/926,687) 2013-06-25

[21] **2,915,492**  
[13] A1

[51] **Int.Cl. E21B 4/02 (2006.01) E21B 7/00 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHODS FOR PERFORMING DOWNHOLE OPERATIONS USING A SELECTABLY OPERABLE MOTOR**  
[54] **APPAREIL ET PROCEDES POUR EFFECTUER DES MANŒUVRES EN FOND DE TROU A L'AIDE D'UN MOTEUR ACTIONNABLE DE FACON SELECTIVE**  
[72] HONEKAMP, JACOB R., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2015-12-15  
[86] 2014-06-16 (PCT/US2014/042527)  
[87] (WO2015/012976)  
[30] US (13/949,960) 2013-07-24

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[21] **2,915,494**  
[13] A1

[51] **Int.Cl. B65D 5/54 (2006.01) B65D 71/36 (2006.01)**  
[25] EN  
[54] **CARTON AND CARTON BLANK**  
[54] **CARTON ET DECOUPE DE CARTON**  
[72] BALL, NATHANIEL B., US  
[71] WESTROCK PACKAGING SYSTEMS, LLC, US  
[85] 2015-12-15  
[86] 2014-06-17 (PCT/US2014/042609)  
[87] (WO2014/204882)  
[30] US (61/837,001) 2013-06-19

[21] **2,915,495**  
[13] A1

[51] **Int.Cl. B65D 71/36 (2006.01) B65D 5/54 (2006.01)**  
[25] EN  
[54] **CARTON AND CARTON BLANK**  
[54] **CARTON ET EBAUCHE DE CARTON**  
[72] BALL, NATHANIEL B., US  
[72] RAMSUER, BRANDON L., US  
[71] WESTROCK PACKAGING SYSTEMS, LLC, US  
[85] 2015-12-15  
[86] 2014-06-17 (PCT/US2014/042614)  
[87] (WO2014/204886)  
[30] US (61/837,068) 2013-06-19

[21] **2,915,496**  
[13] A1

[51] **Int.Cl. F01D 25/02 (2006.01) B64D 15/16 (2006.01) F01D 5/28 (2006.01) F02C 7/047 (2006.01)**  
[25] EN  
[54] **FLOW SURFACE**  
[54] **SURFACE D'ECOULEMENT**  
[72] KRAY, NICHOLAS JOSEPH, US  
[72] BEDEL, DAVID L., US  
[72] PRENTICE, IAN FRANCIS, US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2015-12-15  
[86] 2014-06-17 (PCT/US2014/042624)  
[87] (WO2014/209665)  
[30] US (61/840,838) 2013-06-28

[21] **2,915,497**  
[13] A1

[51] **Int.Cl. A61F 13/20 (2006.01) A61F 13/34 (2006.01)**  
[25] EN  
[54] **DISCRETE CORD DELIVERY APPARATUS**  
[54] **APPAREIL DE DISTRIBUTION DE CORDON DISTINCT**  
[72] DURLING, EVAN JOSEPH, US  
[72] STRONG, KEVIN CHARLES, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2015-12-14  
[86] 2014-06-26 (PCT/US2014/044212)  
[87] (WO2014/210237)  
[30] US (61/840,216) 2013-06-27

[21] **2,915,498**  
[13] A1

[51] **Int.Cl. E02F 9/22 (2006.01) F15B 13/02 (2006.01)**  
[25] EN  
[54] **DEVICE FOR CONTROLLING CONTROL VALVE OF CONSTRUCTION MACHINE, METHOD FOR CONTROLLING SAME, AND METHOD FOR CONTROLLING DISCHARGE FLOW RATE OF HYDRAULIC PUMP**  
[54] **DISPOSITIF DE COMMANDE D'UNE VANNE DE COMMANDE D'UN ENGIN DE CHANTIER, SON PROCEDE DE COMMANDE ET PROCEDE DE COMMANDE DU DEBIT DE REFOULEMENT D'UNE POMPE HYDRAULIQUE**  
[72] KIM, JIN-WOOK, KR  
[72] LEE, SANG-HEE, KR  
[72] SHIN, HUNG-JU, KR  
[71] VOLVO CONSTRUCTION EQUIPMENT AB, SE  
[85] 2015-12-14  
[86] 2013-06-26 (PCT/KR2013/005656)  
[87] (WO2014/208787)

[21] **2,915,499**  
[13] A1

[51] **Int.Cl. C12N 15/10 (2006.01) G06F 19/20 (2011.01) C12Q 1/68 (2006.01) G01N 33/566 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR SAMPLE PROCESSING**  
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT D'ECHANTILLON**  
[72] HINDSON, BENJAMIN, US  
[72] HINDSON, CHRISTOPHER, US  
[72] SCHNALL-LEVIN, MICHAEL, US  
[72] NESS, KEVIN, US  
[72] JAROSZ, MIRNA, US  
[72] MASQUELIER, DONALD, US  
[72] SAXONOV, SERGE, US  
[72] MERRILL, LANDON, US  
[72] PRICE, ANDREW, US  
[72] HARDENBOL, PAUL, US  
[72] LI, YUAN, US  
[71] 10X GENOMICS, INC., US  
[85] 2015-12-14  
[86] 2014-06-26 (PCT/US2014/044398)  
[87] (WO2014/210353)  
[30] US (61/840,403) 2013-06-27  
[30] US (61/844,804) 2013-07-10  
[30] US (13/966,150) 2013-08-13  
[30] US (PCT/US2013/054797) 2013-08-13  
[30] US (61/896,060) 2013-10-26  
[30] US (61/909,974) 2013-11-27  
[30] US (61/937,344) 2014-02-07  
[30] US (61/940,318) 2014-02-14  
[30] US (61/991,018) 2014-05-09

[21] **2,915,501**  
[13] A1

[51] **Int.Cl. B24D 3/00 (2006.01) B24D 18/00 (2006.01)**  
[25] EN  
[54] **ABRASIVE ARTICLE HAVING A DROSS RIDGE AND METHOD OF FORMING SAME**  
[54] **OBJET ABRASIF POSSEDANT UNE STRIE A SCORIES ET SON PROCEDE DE FORMATION**  
[72] SETH, ANUJ, US  
[72] RICE, WILLIAM C., US  
[72] MANNING, JAMES J., US  
[71] SAINT-GOBAIN ABRASIVES, INC., US  
[71] SAINT-GOBAIN ABRASIFS, FR  
[85] 2015-12-14  
[86] 2014-06-27 (PCT/US2014/044511)  
[87] (WO2014/210423)  
[30] US (61/840,918) 2013-06-28

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[13] A1

[51] **Int.Cl. G01N 27/68 (2006.01)**  
[25] EN  
[54] **DUAL POLARITY SPARK ION SOURCE**  
[54] **SOURCE D'IONS D'ETINCELLE A POLARITE DOUBLE**  
[72] BOUMSELLEK, SAID, US  
[72] IVASHIN, DMITRIY, US  
[71] IMPLANT SCIENCES CORPORATION, US  
[85] 2015-12-14  
[86] 2014-06-27 (PCT/US2014/044520)  
[87] (WO2014/210428)  
[30] US (61/840,050) 2013-06-27

[21] **2,915,503**  
[13] A1

[51] **Int.Cl. A61M 21/00 (2006.01)**  
[25] EN  
[54] **DEVICE AND METHOD FOR ATTENTION AND FOCUS ACQUISITION AND MAINTENANCE**  
[54] **DISPOSITIF ET PROCEDE PERMETTANT D'ATTIRER L'ATTENTION ET DE CONCENTRER L'ATTENTION**  
[72] BRANCACCIO, RICHARD MICHAEL, US  
[71] BRANCACCIO, RICHARD MICHAEL, US  
[85] 2015-12-15  
[86] 2014-06-17 (PCT/US2014/042630)  
[87] (WO2014/204897)  
[30] US (13/919,218) 2013-06-17

[21] **2,915,504**  
[13] A1

[51] **Int.Cl. B24D 3/00 (2006.01) B24D 7/00 (2006.01)**  
[25] EN  
[54] **ABRASIVE ARTICLE INCLUDING SHAPED ABRASIVE PARTICLES**  
[54] **ARTICLE ABRASIF COMPRENANT DES PARTICULES ABRASIVES FACONNEES**  
[72] LOUAPRE, DAVID, US  
[72] BREDER, KRISTIN, US  
[72] IYENGAR, SUJATHA, US  
[72] LIOR, ADAM D., US  
[71] SAINT-GOBAIN CERAMICS & PLASTICS, INC., US  
[85] 2015-12-14  
[86] 2014-06-27 (PCT/US2014/044543)  
[87] (WO2014/210442)  
[30] US (61/841,163) 2013-06-28

[21] **2,915,505**  
[13] A1

[51] **Int.Cl. A61M 25/01 (2006.01)**  
[25] EN  
[54] **METHODS AND DEVICES FOR PROTECTING CATHETER TIPS AND STEREOTACTIC FIXTURES FOR MICROCATHETERS**  
[54] **PROCEDES ET DISPOSITIFS DE PROTECTION D'EMBOUS DE CATHETERS ET FIXATIONS STEREOTACTIQUES POUR MICROCATHETERS**  
[72] SINGH, DEEP, ARJUN, US  
[72] ANAND, PJ, US  
[71] ALCYONE LIFESCIENCES, INC., US  
[85] 2015-12-15  
[86] 2014-06-17 (PCT/US2014/042726)  
[87] (WO2014/204954)  
[30] US (61/835,905) 2013-06-17  
[30] US (61/984,061) 2014-04-25

[21] **2,915,506**  
[13] A1

[51] **Int.Cl. B24D 7/00 (2006.01) B24B 55/00 (2006.01)**  
[25] EN  
[54] **COATED ABRASIVE ARTICLE BASED ON A SUNFLOWER PATTERN**  
[54] **ARTICLE ABRASIF REVETU BASE SUR UN MOTIF DE TOURNESOL**  
[72] SETH, ANUJ, US  
[71] SAINT-GOBAIN ABRASIVES, INC., US  
[85] 2015-12-14  
[86] 2014-06-27 (PCT/US2014/044591)  
[87] (WO2014/210470)  
[30] US (61/840,854) 2013-06-28

[21] **2,915,507**  
[13] A1

[51] **Int.Cl. B01F 13/08 (2006.01)**  
[25] EN  
[54] **MIXING ASSEMBLIES INCLUDING MAGNETIC IMPELLERS**  
[54] **ENSEMBLES DE MELANGE COMPRENANT DES ROUES MAGNETIQUES**  
[72] WERTH, ALBERT A., US  
[72] CAHILL, MICHAEL E., US  
[72] PAGLIARO, ANTHONY P., JR., US  
[71] SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, US  
[85] 2015-12-14  
[86] 2014-06-27 (PCT/US2014/044667)  
[87] (WO2014/210511)  
[30] US (61/841,182) 2013-06-28  
[30] US (61/841,189) 2013-06-28  
[30] US (61/874,727) 2013-09-06  
[30] US (61/891,477) 2013-10-16  
[30] US (61/915,366) 2013-12-12  
[30] US (61/934,260) 2014-01-31

[21] **2,915,508**  
[13] A1

[51] **Int.Cl. H01H 47/00 (2006.01)**  
[25] EN  
[54] **DISTRIBUTED CONTROL IN ELECTRIC POWER DELIVERY SYSTEMS**  
[54] **COMMANDE DISTRIBUEE DANS DES SYSTEMES DE FOURNITURE D'ENERGIE ELECTRIQUE**  
[72] ZWEIGLE, GREGARY C., US  
[72] BLOOD, ELLERY A., US  
[71] SCHWEITZER ENGINEERING LABORATORIES, INC., US  
[85] 2015-12-15  
[86] 2014-06-17 (PCT/US2014/042806)  
[87] (WO2014/209688)  
[30] US (61/839,774) 2013-06-26  
[30] US (14/303,827) 2014-06-13

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[13] A1

[51] **Int.Cl. B24D 3/00 (2006.01) B24D 18/00 (2006.01)**  
[25] EN  
[54] **ABRASIVE ARTICLE INCLUDING SHAPED ABRASIVE PARTICLES**  
[54] **ARTICLE ABRASIF COMPRENANT DES PARTICULES ABRASIVES FACONNEES**  
[72] LOUAPRE, DAVID, US  
[72] BREDER, KRISTIN, US  
[72] IYENGAR, SUJATHA, US  
[72] LIOR, ADAM D., US  
[71] SAINT-GOBAIN CERAMICS & PLASTICS, INC., US  
[85] 2015-12-14  
[86] 2014-06-27 (PCT/US2014/044746)  
[87] (WO2014/210568)  
[30] US (61/841,155) 2013-06-28

[21] **2,915,510**  
[13] A1

[51] **Int.Cl. A61B 17/08 (2006.01) A61B 17/10 (2006.01) A61B 17/122 (2006.01) A61B 17/128 (2006.01)**  
[25] EN  
[54] **TISSUE GRASPING AND WOUND CLOSING CLIPPING DEVICE**  
[54] **DISPOSITIF DE PREHENSION DE TISSU ET D'AGRAFAGE DE FERMETURE DE PLAIE**  
[72] KAPPEL, GARY, US  
[72] CROWLEY, PETER, US  
[71] BOSTON SCIENTIFIC SCIMED, INC., US  
[85] 2015-12-14  
[86] 2014-06-30 (PCT/US2014/044933)  
[87] (WO2015/006083)  
[30] US (61/844,608) 2013-07-10

[21] **2,915,511**  
[13] A1

[51] **Int.Cl. G06F 9/06 (2006.01) G06F 3/048 (2013.01)**  
[25] EN  
[54] **DETECTING A USER AND ALTERING DEVICE SETTINGS**  
[54] **DETECTION D'UN UTILISATEUR ET MODIFICATION DE PARAMETRES DE DISPOSITIF**  
[72] CHATTERTON, GEOFFREY W., US  
[72] KHANNA, RAMANEK, US  
[72] NICHOLS, TIMOTHY C., US  
[71] PAYPAL, INC., US  
[85] 2015-12-14  
[86] 2014-08-22 (PCT/US2014/052402)  
[87] (WO2015/031210)  
[30] US (14/014,178) 2013-08-29

[21] **2,915,512**  
[13] A1

[51] **Int.Cl. C04B 14/06 (2006.01) C04B 24/24 (2006.01) C04B 28/04 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR IMPROVED PLASTERS**  
[54] **SYSTEME ET PROCEDE POUR DES PLATRES AMELIORES**  
[72] RIOS, MANUEL JOE, US  
[72] RIOS, ANTHONY MICHAEL, US  
[71] RIVERS DEL REY, US  
[85] 2015-12-14  
[86] 2014-07-17 (PCT/US2014/047099)  
[87] (WO2015/009971)  
[30] US (61/847,352) 2013-07-17  
[30] US (14/334,591) 2014-07-17

[21] **2,915,513**  
[13] A1

[51] **Int.Cl. B25C 7/00 (2006.01) B25C 5/00 (2006.01) B25C 5/16 (2006.01)**  
[25] EN  
[54] **AN ACCESSORY FOR A FASTENING GUN**  
[54] **ACCESSOIRE POUR UN PISTOLET DE FIXATION**  
[72] SMEATON, KEVIN ROY, AU  
[72] DOOLE, KEVIN GRAHAM, AU  
[71] QUICK GRIP STAPLES (HK) LIMITED, CN  
[85] 2015-12-15  
[86] 2013-06-18 (PCT/AU2013/000641)  
[87] (WO2013/188905)  
[30] AU (2012902547) 2012-06-18  
[30] AU (2012905288) 2012-12-05

[21] **2,915,514**  
[13] A1

[51] **Int.Cl. A43B 13/18 (2006.01) A43B 13/14 (2006.01) A43B 13/20 (2006.01)**  
[25] EN  
[54] **DIFFERING VOID CELL MATRICES FOR SOLE SUPPORT**  
[54] **MATRICES DE CELLULES VIDES DIFFERENTES POUR SUPPORT DE SEMELLE**  
[72] DAHL, JEROD, US  
[72] FOLEY, PETER, US  
[72] METZER, COLLIN, US  
[72] KANOUS, TREVOR, US  
[72] SUGANO, ERIC, US  
[71] SKYDEX TECHNOLOGIES, INC., US  
[85] 2015-12-14  
[86] 2014-07-29 (PCT/US2014/048690)  
[87] (WO2015/017446)  
[30] US (61/861,514) 2013-08-02

[21] **2,915,515**  
[13] A1

[51] **Int.Cl. B60N 2/28 (2006.01)**  
[25] EN  
[54] **CHILD SAFETY SEAT**  
[54] **SIEGE DE SECURITE POUR ENFANT**  
[72] HAAS, MARTIN, DE  
[72] FRANK, RICHARD, DE  
[72] HENSELER, RICHARD, DE  
[71] BRITAX ROMER KINDERSICHERHEIT GMBH, DE  
[85] 2015-12-15  
[86] 2014-07-07 (PCT/EP2014/001859)  
[87] (WO2015/007372)  
[30] EP (13003568.6) 2013-07-16

[21] **2,915,516**  
[13] A1

[51] **Int.Cl. F42D 1/28 (2006.01)**  
[25] EN  
[54] **BLASTING SYSTEMS & METHODS**  
[54] **SYSTEMES ET PROCEDES D'EXPLOSION**  
[72] PARK, ALLEN, AU  
[71] PARK, ALLEN, AU  
[85] 2015-12-15  
[86] 2014-06-16 (PCT/AU2014/050072)  
[87] (WO2014/201514)  
[30] AU (2013902178) 2013-06-17

[21] **2,915,517**  
[13] A1

[51] **Int.Cl. C07D 207/22 (2006.01) C07D 207/16 (2006.01) C07D 207/46 (2006.01)**  
[25] EN  
[54] **PREPARATION METHOD FOR PYRROLIDINE-2-CARBOXYLIC ACID DERIVATIVES**  
[54] **PROCEDE DE PREPARATION DE DERIVES D'ACIDE PYRROLIDINE-2-CARBOXYLIQUE**  
[72] ZHANG, BIN, CN  
[72] LI, YUANQIANG, CN  
[72] CHE, DAQING, CN  
[72] QIAN, LINGFENG, CN  
[72] ZHU, GUOLIANG, CN  
[72] YE, WENFA, CN  
[71] ZHEJIANG JIUZHOU PHARMACEUTICAL CO., LTD., CN  
[85] 2015-12-15  
[86] 2014-06-23 (PCT/CN2014/080520)  
[87] (WO2014/206257)  
[30] CN (201310261857.4) 2013-06-26  
[30] CN (201310580894.1) 2013-11-19  
[30] CN (201410255311.2) 2014-06-10

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[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) H04N 21/478 (2011.01) H04N 21/80 (2011.01) G06F 3/14 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD OF PROMOTING ITEMS RELATED TO PROGRAMMING CONTENT**

[54] **SYSTEME ET PROCEDE DE PROMOTION D'ARTICLES EN LIEN AVEC UN CONTENU DE PROGRAMME**

[72] CIPOLLETTA, ANTHONY LUIGI, CA  
[72] WARGER, GABRIELLA RAQUELLE, CA

[71] THE TALARIAST INC., CA

[85] 2015-12-15  
[86] 2014-06-19 (PCT/CA2014/000507)  
[87] (WO2014/201546)  
[30] US (61/837507) 2013-06-20

[21] **2,915,519**  
[13] A1

[51] **Int.Cl. C08L 23/06 (2006.01) B65D 41/12 (2006.01)**

[25] EN

[54] **SEALING COMPOUNDS WITH BARRIER PROPERTIES**

[54] **COMPOSES D'ETANCHEITE A PROPRIETES BARRIERES**

[72] EICHLER, WALDEMAR, DE  
[72] WITTENBERG, RUDIGER, DE

[71] ACTEGA DS GMBH, DE

[85] 2015-12-15  
[86] 2013-07-22 (PCT/EP2013/065436)  
[87] (WO2015/010718)

[21] **2,915,520**  
[13] A1

[51] **Int.Cl. G02B 26/10 (2006.01) A61B 5/00 (2006.01) G01B 9/00 (2006.01)**

[25] EN

[54] **SCANNING OPTICAL SYSTEM WITH MULTIPLE OPTICAL SOURCES**

[54] **SYSTEME OPTIQUE DE BALAYAGE AVEC SOURCES OPTIQUES MULTIPLES**

[72] JEGLORZ, TOBIAS, DE  
[72] DONITZKY, CHRISTOF, DE

[71] WAVELIGHT GMBH, DE

[85] 2015-12-15  
[86] 2013-09-02 (PCT/EP2013/068068)  
[87] (WO2015/028099)

[21] **2,915,521**  
[13] A1

[51] **Int.Cl. E01B 31/12 (2006.01) B23D 79/02 (2006.01) B23K 11/04 (2006.01)**

[25] EN

[54] **WELDING UNIT FOR WELDING RAILS OF A TRACK**

[54] **DISPOSITIF D'EBAVURAGE DE JOINTS DE RAIL SOUDES BOUT A BOUT**

[72] FLETZER, ROBERT, AT

[71] PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H., AT

[85] 2015-12-15  
[86] 2014-07-07 (PCT/EP2014/001854)  
[87] (WO2015/014433)  
[30] AT (GM 253/2013) 2013-08-02

[21] **2,915,522**  
[13] A1

[51] **Int.Cl. B07B 1/18 (2006.01)**

[25] EN

[54] **PROFILED STRAINER BAR AND STRAINER MADE OF PROFILED STRAINER BARS**

[54] **BARRE DE TAMIS PROFILEE ET DISPOSITIF DE TAMISAGE A BARRES DE TAMIS PROFILEES**

[72] MICKELAT, THOMAS, DE  
[72] REINSTEIN, MICHAEL, DE

[71] ANDRITZ FIEDLER GMBH, DE

[85] 2015-12-15  
[86] 2014-08-14 (PCT/EP2014/002258)  
[87] (WO2015/024648)  
[30] DE (10 2013 013 907.4) 2013-08-20  
[30] DE (10 2014 011 679.4) 2014-08-05

[21] **2,915,523**  
[13] A1

[51] **Int.Cl. C25D 3/06 (2006.01) C25D 5/12 (2006.01) C25D 9/08 (2006.01) C25D 9/10 (2006.01)**

[25] EN

[54] **METHOD FOR MANUFACTURING CHROMIUM-CHROMIUM OXIDE COATED SUBSTRATES**

[54] **PROCEDE PERMETTANT DE FABRIQUER DES SUBSTRATS RECOUVERTS DE CHROME-D'OXYDE DE CHROME**

[72] WIJENBERG, JACQUES HUBERT  
OLGA JOSEPH, NL

[71] TATA STEEL IJMUIDEN B.V., NL

[85] 2015-12-15  
[86] 2014-05-21 (PCT/EP2014/060420)  
[87] (WO2014/202316)  
[30] EP (13003159.4) 2013-06-20

[21] **2,915,524**  
[13] A1

[51] **Int.Cl. C12P 5/02 (2006.01) C12P 7/04 (2006.01) C12P 7/16 (2006.01) C12P 7/30 (2006.01) C12P 7/42 (2006.01) C12P 7/52 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING ORGANIC COMPOSITIONS FROM OXYHYDROGEN AND CO2 VIA ACETOACETYL-COA AS INTERMEDIATE PRODUCT**

[54] **PROCEDE DE PREPARATION DE COMPOSES ORGANIQUES A PARTIR DE GAZ DE BROWN ET DE CO2 PAR L'INTERMEDIAIRE D'ACETOACETYL-COA COMME PRODUIT INTERMEDIAIRE**

[72] WITTMANN, EVA MARIA, DE  
[72] HAAS, THOMAS, DE

[72] SCHAFFER, STEFFEN, DE  
[72] POTTER, MARKUS, CN  
[72] SCHIEMANN, YVONNE, DE  
[72] KIRCHNER, NICOLE, DE

[71] EVONIK DEGUSSA GMBH, DE

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[86] 2014-05-30 (PCT/EP2014/061245)  
[87] (WO2014/198560)  
[30] EP (13172030.2) 2013-06-14

[21] **2,915,525**  
[13] A1

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

[25] EN

[54] **ELECTROCHROMIC DEVICES ON NON-RECTANGULAR SHAPES**

[54] **DISPOSITIFS ELECTROCHROMIQUES SUR DES FORMES NON RECTANGULAIRES**

[72] DIXIT, ABHISHEK ANANT, US  
[72] MARTIN, TODD, US  
[72] PRADHAN, ANSHU A., US  
[72] JACK, GORDON, US  
[72] BHATNAGAR, YASHRAJ, US

[71] VIEW, INC., US

[85] 2015-12-15  
[86] 2014-06-17 (PCT/US2014/042819)  
[87] (WO2014/205014)  
[30] US (61/836,602) 2013-06-18  
[30] US (61/859,131) 2013-07-26  
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[13] A1  
[51] **Int.Cl. G01N 29/44 (2006.01) G05B 23/02 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR FILTERING NOISE FROM ACOUSTIC ENERGY FROM A VALVE**  
[54] **SYSTEME ET PROCEDE PERMETTANT DE FILTRER LE BRUIT ISSU DE L'ENERGIE ACOUSTIQUE EN PROVENANCE D'UNE VALVE**  
[72] SCHOONOVER, LARRY GENE, US  
[71] DRESSER, INC., US  
[85] 2015-12-15  
[86] 2014-06-18 (PCT/US2014/042833)  
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[30] US (13/928,991) 2013-06-27

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[13] A1  
[51] **Int.Cl. G06F 17/30 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR TEXT MINING DOCUMENTS**  
[54] **SYSTEME ET PROCEDE D'EXPLORATION DE TEXTE DANS DES DOCUMENTS**  
[72] MARMANIS, BABIS, US  
[72] KLEBE, SKOTT, US  
[72] BILLINGTON, JOHN, US  
[71] COPYRIGHT CLEARANCE CENTER, INC., US  
[85] 2015-12-15  
[86] 2014-06-18 (PCT/US2014/042888)  
[87] (WO2014/205046)  
[30] US (61/836,407) 2013-06-18

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[13] A1  
[51] **Int.Cl. G01S 19/25 (2010.01) G01S 19/23 (2010.01) G01S 19/28 (2010.01) G01S 19/30 (2010.01) G01S 19/51 (2010.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR DETECTING GNSS SATELLITE SIGNALS IN SIGNAL DEGRADED ENVIRONMENTS**  
[54] **PROCEDES ET APPAREIL POUR DETECTER DES SIGNAUX DE SATELLITE GNSS DANS DES ENVIRONNEMENTS DE SIGNAL DEGRADE**  
[72] AFZAL, MUHAMMAD HARIS, CA  
[72] AMINIAN, BEHNAM, CA  
[71] RX NETWORKS INC., CA  
[85] 2015-12-07  
[86] 2013-06-05 (PCT/CA2013/050431)  
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[13] A1  
[51] **Int.Cl. F03D 7/00 (2006.01) F16D 59/00 (2006.01)**  
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[54] **OVERRUN PROTECTION FOR WIND TURBINES**  
[54] **PROTECTION CONTRE LE DEPASSEMENT DE VITESSE POUR EOLIENNES**  
[72] GRANT, CHRISTOPHER, CA  
[72] VANDERMEER, DAVID, CA  
[71] ORENDA ENERGY SOLUTIONS INC., CA  
[85] 2015-12-15  
[86] 2014-07-03 (PCT/CA2014/050631)  
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[13] A1  
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[25] EN  
[54] **SYSTEM FOR SECURING A DENTAL PROSTHESIS**  
[54] **SYSTEME DE FIXATION DE PROTHESE DENTAIRE**  
[72] MARTINEZ NAVARRO, MANUEL ANGEL, ES  
[71] MARTINEZ NAVARRO, MANUEL ANGEL, ES  
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[86] 2013-07-01 (PCT/ES2013/070447)  
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[51] **Int.Cl. C07C 29/153 (2006.01) B01J 27/051 (2006.01) C07C 27/06 (2006.01) C10L 1/02 (2006.01)**  
[25] EN  
[54] **PRODUCTION OF MIXED ALCOHOLS FROM SYNTHESIS GAS**  
[54] **PRODUCTION D'ALCOOLS MIXTES A PARTIR DE GAZ DE SYNTHESE**  
[72] TIJM, PETER J., US  
[72] STEVENS, REX R., US  
[71] STANDARD ALCOHOL COMPANY OF AMERICA, INC., US  
[85] 2015-12-15  
[86] 2014-06-18 (PCT/US2014/042904)  
[87] (WO2014/205059)  
[30] US (61/837,413) 2013-06-20  
[30] US (14/307,173) 2014-06-17

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[13] A1  
[51] **Int.Cl. H04L 12/801 (2013.01) H04L 29/06 (2006.01)**  
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[54] **DATA CENTER REDUNDANCY IN A NETWORK**  
[54] **REDONDANCE DE CENTRE DE DONNEES DANS UN RESEAU**  
[72] WATERS, JOHN F., JR., US  
[72] DUGAN, ANDREW, US  
[72] PAREDES, SALVADOR, US  
[72] EL-AAWAR, NASSER NABIH, US  
[71] LEVEL 3 COMMUNICATIONS, LLC, US  
[85] 2015-12-15  
[86] 2014-06-18 (PCT/US2014/043034)  
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[54] **AZETIDINE ESTROGEN RECEPTOR MODULATORS AND USES THEREOF**

[54] **MODULATEURS AZETIDINE DES RECEPTEURS D'OESTROGENES ET LEURS UTILISATIONS**

[72] GOVEK, STEVEN P., US  
[72] KAHRAMAN, MEHMET, US  
[72] SMITH, NICHOLAS D., US  
[72] HAGER, JEFFREY H., US  
[72] CHOW MANEVAL, EDNA, US  
[71] SERAGON PHARMACEUTICALS, INC., US  
[85] 2015-12-15  
[86] 2014-06-18 (PCT/US2014/043038)  
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[30] US (61/837,091) 2013-06-19  
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[13] A1

[51] **Int.Cl. C07D 405/14 (2006.01) A61K 31/44 (2006.01) A61K 31/4402 (2006.01) A61K 31/4406 (2006.01) A61K 31/4409 (2006.01) A61P 25/00 (2006.01) C07D 401/04 (2006.01) C07D 403/04 (2006.01) C07D 413/04 (2006.01) C07D 413/14 (2006.01) C07D 417/04 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 498/04 (2006.01) C07H 19/044 (2006.01)**

[25] EN

[54] **INDOLIN-2-ONE OR PYRROLO-PYRIDIN/PYRIMIDIN-2-ONE DERIVATIVES**

[54] **DERIVES INDOLIN-2-ONE OU PYRROLO-PYRIDIN/PYRIMIDIN-2-ONE**

[72] BRUNNER, DANIELA, US  
[72] HILPERT, HANS, CH  
[72] KOLCZEWSKI, SABINE, DE  
[72] LIMBERG, ANJA, CH  
[72] MALBERG, JESSICA, US  
[72] PRINSSEN, ERIC, FR  
[72] RIEMER, CLAUS, DE  
[72] SHANKAR, BAVANI G., US  
[72] STOLL, THEODOR, CH  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2015-12-15  
[86] 2014-06-16 (PCT/EP2014/062491)  
[87] (WO2014/202493)  
[30] EP (13172663.0) 2013-06-19

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[13] A1

[51] **Int.Cl. C07K 19/00 (2006.01) A61K 31/66 (2006.01) A61P 37/00 (2006.01) C07F 9/02 (2006.01) C07H 3/06 (2006.01)**

[25] EN

[54] **PHOSPHORYLCHOLINE CONJUGATES AND USES THEREOF**

[54] **CONJUGES DE PHOSPHORYLCHOLINE ET LEURS UTILISATIONS**

[72] BLANK, MIRIAM, IL  
[72] SHOENFELD, YEHUDA, IL  
[71] SHOENFELD, YEHUDA, IL  
[71] BLANK, MIRIAM, IL  
[85] 2015-08-05  
[86] 2014-02-05 (PCT/IL2014/050124)  
[87] (WO2014/122646)  
[30] US (61/760,668) 2013-02-05

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[13] A1

[51] **Int.Cl. A61K 9/50 (2006.01) C11D 3/386 (2006.01) C11D 17/00 (2006.01) C12N 9/98 (2006.01)**

[25] EN

[54] **GRANULES WITH SMALL SMOOTH CORES**

[54] **GRANULES COMPOSES DE NOYAUX LISSES DE PETITE TAILLE**

[72] BECKER, NATHANIEL T., US  
[72] SCOTT, DAVID M., US  
[72] ALLGEIER, ALAN M., US  
[72] KOIVUSALO, SANNA, US  
[72] GEBERT, MARK S., US  
[72] WHITE, LUTHER, US  
[72] MALMI, TIMO, US  
[72] VAHA-VAHE, PEKKA, US  
[71] DANISCO US INC., US  
[85] 2015-12-15  
[86] 2014-06-19 (PCT/US2014/043084)  
[87] (WO2014/205161)  
[30] US (61/837,122) 2013-06-19

[21] **2,915,540**  
[13] A1

[51] **Int.Cl. C12Q 1/02 (2006.01) A01K 67/027 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **A METHOD AND QUALITY CONTROL MOLECULAR BASED MOUSE EMBRYO ASSAY FOR USE WITH IN VITRO FERTILIZATION TECHNOLOGY**

[54] **PROCEDE ET ESSAI MOLECULAIRE DE CONTROLE QUALITE SUR UN EMBRYON DE SOURIS POUR UNE UTILISATION AVEC LA TECHNOLOGIE DE LA FECONDACTION IN VITRO**

[72] NI, HSIAO-TZU, US  
[72] ES-SLAMI, SAMIRA, US  
[72] GILBERT, REBECCA SUSAN, US  
[71] IRVINE SCIENTIFIC SALES COMPANY, INC., US  
[85] 2015-09-08  
[86] 2014-03-14 (PCT/US2014/029410)  
[87] (WO2014/153173)  
[30] US (61/783,557) 2013-03-14

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[13] A1

[51] **Int.Cl. H01B 7/00 (2006.01) H01R 43/00 (2006.01)**

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[54] **CONDUCTOR ASSEMBLY**

[54] **ENSEMBLE CONDUCTEUR**

[72] GRAVERMANN, MARK, DE  
[72] BUSEMANN, FRIEDRICH, DE  
[72] LOHMEIER, GERHARD, DE  
[72] WEICHOLD, JENS, DE  
[72] SCHUBERT, BERND, DE  
[72] STALDER, MICHAEL H., DE  
[72] ZANOLI, PASQUALE, IT  
[72] BOLCATO, GIULIANO, IT  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2015-12-15  
[86] 2014-06-19 (PCT/US2014/043126)  
[87] (WO2014/209738)  
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[13] A1

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[25] EN  
[54] **COMPRESSION MOLDED GREEN RUBBER COMPONENT AND METHOD FOR MANUFACTURING THE SAME**  
[54] **COMPOSANT DE CAOUTCHOUC CRU MOULE PAR COMPRESSION ET SON PROCEDE DE FABRICATION**  
[72] MCEWEN, MARK, US  
[72] MISNER, JON, US  
[72] WALTERS, JACOB, US  
[72] NESBITT, ADAM, US  
[72] STUCKEY, JON, US  
[72] ASPER, ROBERT, US  
[71] BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC, US  
[85] 2015-12-15  
[86] 2014-06-20 (PCT/US2014/043330)  
[87] (WO2015/009402)  
[30] US (61/846,591) 2013-07-15  
[30] US (14/182,386) 2014-02-18

[21] **2,915,544**  
[13] A1

[51] **Int.Cl. B60C 13/00 (2006.01) B60C 13/04 (2006.01)**  
[25] EN  
[54] **LOW-METAL TIRE**  
[54] **PNEUMATIQUE A FAIBLE TENEUR EN METAL**  
[72] STUCKEY, JON, US  
[72] CLEMMER, KATHLEEN, US  
[72] WEATHERWAX, KENT, US  
[71] BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC, US  
[85] 2015-12-15  
[86] 2014-06-20 (PCT/US2014/043332)  
[87] (WO2015/012980)  
[30] US (13/947,695) 2013-07-22

[21] **2,915,545**  
[13] A1

[51] **Int.Cl. B66B 21/12 (2006.01)**  
[25] EN  
[54] **SAFETY CHAIN FOR AISLE PALLETS FOR TRANSPORTING PEOPLE AND GOODS**  
[54] **CHAINE DE SECURITE POUR RACLETES DE TAPIS POUR LE TRANSPORT DE PERSONNES ET DE MARCHANDISES**  
[72] GONZALEZ ALEMANY, MIGUEL ANGEL, ES  
[72] GONZALEZ PANTIGA, JUAN DOMINGO, ES  
[72] MENDIOLAGOITIA JULIANA, JOSE, ES  
[72] PALOMERO COCHO, FRANCISCO, ES  
[72] CASTANO LANTERO, AURELIO, ES  
[72] MORAN GARCIA, EDUARDO, ES  
[72] ROS ZUAZUA, PEDRO, ES  
[71] THYSSENKRUPP ELEVATOR INNOVATION CENTER, S.A., ES  
[85] 2015-12-15  
[86] 2014-06-11 (PCT/ES2014/070481)  
[87] (WO2015/011313)  
[30] ES (P201331142) 2013-07-25

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[13] A1

[51] **Int.Cl. G01N 30/16 (2006.01) B01F 15/04 (2006.01) G01N 30/32 (2006.01) G01N 30/60 (2006.01)**  
[25] EN  
[54] **SELF-LIMITING INJECTION ASSEMBLY FOR SAMPLE INTRODUCTION IN HPLC**  
[54] **ENSEMBLE INJECTION AUTO-LIMITANT POUR INTRODUIRE L'ECHANTILLON EN CLHP**  
[72] CASEY, DUNCAN ROBERT, GB  
[72] SALEHI-REYHANI, ALI, GB  
[72] GAUTHE, BEATRICE LUCILE LEA EVA, GB  
[71] IMPERIAL INNOVATIONS LTD, GB  
[85] 2015-12-15  
[86] 2013-07-30 (PCT/GB2013/052035)  
[87] (WO2014/020330)  
[30] GB (1213537.2) 2012-07-30

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[13] A1

[51] **Int.Cl. F01K 17/02 (2006.01) F01K 23/04 (2006.01) F01K 25/06 (2006.01) F01K 25/10 (2006.01) F02C 7/143 (2006.01)**  
[25] EN  
[54] **DEVICE FOR ENERGY SAVING**  
[54] **DISPOSITIF D'ECONOMIE D'ENERGIE**  
[72] VAN BEVEREN, PETRUS CAROLUS, NL  
[71] P.T.I., NL  
[71] VAN BEVEREN, PETRUS CAROLUS, NL  
[85] 2015-12-15  
[86] 2014-07-01 (PCT/IB2014/001244)  
[87] (WO2015/004515)  
[30] BE (2013/0478) 2013-07-09

[21] **2,915,556**  
[13] A1

[51] **Int.Cl. C21D 3/06 (2006.01) C21D 3/00 (2006.01) C21D 7/02 (2006.01) C21D 8/00 (2006.01) C21D 8/02 (2006.01) C22C 38/40 (2006.01)**  
[25] EN  
[54] **STAINLESS STEEL RESISTANT TO DELAYED CRACKING AND A METHOD FOR ITS PRODUCTION**  
[54] **ACIER INOXYDABLE RESISTANT A LA FISSURATION DIFFEREE ET PROCEDE POUR SA PRODUCTION**  
[72] TALONEN, JUHO, FI  
[71] OUTOKUMPU OYJ, FI  
[85] 2015-12-15  
[86] 2014-06-19 (PCT/FI2014/050496)  
[87] (WO2015/001177)  
[30] FI (20135739) 2013-07-05

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[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/395 (2006.01) A61K 31/422 (2006.01) A61K 31/427 (2006.01) A61K 31/437 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/454 (2006.01) A61K 31/4985 (2006.01) A61K 31/506 (2006.01) A61K 31/517 (2006.01) A61K 31/538 (2006.01) C07D 405/14 (2006.01) C07D 413/04 (2006.01) C07D 417/14 (2006.01) C07D 487/04 (2006.01)**

[25] EN

[54] **NOVEL SUBSTITUTED BICYCLIC COMPOUNDS AS BROMODOMAIN INHIBITORS**

[54] **NOUVEAUX COMPOSES BICYCLIQUES SUBSTITUES UTILISES COMME INHIBITEURS DE BROMODOMAINES**

[72] LIU, SHUANG, US  
[72] QUINN, JOHN FREDERICK, US  
[72] DUFFY, BRYAN CORDELL, US  
[72] WANG, RUIFANG, US  
[72] JIANG, MAY XIAOWU, US  
[72] MARTIN, GREGORY SCOTT, US  
[72] ZHAO, HE, US  
[72] ELLIS, MICHAEL, US  
[72] WAGNER, GREGORY STEVEN, US  
[72] YOUNG, PETER RONALD, US  
[71] ZENITH EPIGENETICS CORP., CA  
[85] 2015-12-15  
[86] 2014-06-20 (PCT/IB2014/002238)  
[87] (WO2015/004533)  
[30] US (61/837,830) 2013-06-21  
[30] US (61/911,668) 2013-12-04

[21] **2,915,566**  
[13] A1

[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/343 (2006.01) A61K 31/427 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **2,3-DIHYDROBENZOFURAN-5-YL COMPOUNDS AS DYRK KINASE INHIBITORS**

[54] **COMPOSES 2,3-DIHYDROBENZOFURAN-5-YL UTILISES COMME INHIBITEURS DE KINASES DYRK**

[72] LEBAN, JOHANN, AT  
[72] ZAJA, MIRKO, DE  
[71] 4SC DISCOVERY GMBH, DE  
[85] 2015-12-15  
[86] 2014-06-17 (PCT/EP2014/062774)  
[87] (WO2014/202638)  
[30] EP (13172577.2) 2013-06-18

[21] **2,915,567**  
[13] A1

[51] **Int.Cl. E21B 33/038 (2006.01)**

[25] EN

[54] **SUBSEA CONNECTION**

[54] **CONNEXION SOUS-MARINE**

[72] LOKKA, TROND, NO  
[72] AASE, ODDBJORN, NO  
[71] FMC KONGSBERG SUBSEA AS, NO  
[85] 2015-12-15  
[86] 2014-06-18 (PCT/EP2014/062831)  
[87] (WO2014/206831)  
[30] NO (20130878) 2013-06-24

[21] **2,915,569**  
[13] A1

[51] **Int.Cl. B60P 7/06 (2006.01) B65D 81/05 (2006.01)**

[25] EN

[54] **DUNNAGE BAG ARRANGEMENT**

[54] **AGENCEMENT DE SAC DE FARDAGE**

[72] PANSEGROUW, BESTER JACOBUS, ZA  
[71] STOPAK (PTY) LTD, ZA  
[85] 2015-12-15  
[86] 2014-06-13 (PCT/IB2014/062197)  
[87] (WO2014/203134)  
[30] ZA (2013/04659) 2013-06-21

[21] **2,915,570**  
[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM PROTECTING AGAINST IDENTITY THEFT OR REPLICATION ABUSE**

[54] **PROCEDE ET SYSTEME DE PROTECTION CONTRE LE VOL D'IDENTITE OU L'ABUS DE REPLICATION**

[72] ROSENDAL, CLAUS, DK  
[72] OSTERGAARD, JAKOB, DK  
[71] SMS PASSCODE A/S, DK  
[85] 2015-12-15  
[86] 2014-06-19 (PCT/EP2014/062938)  
[87] (WO2014/202718)  
[30] EP (13173061.6) 2013-06-20

[21] **2,915,572**  
[13] A1

[51] **Int.Cl. A61L 27/24 (2006.01) A61L 27/34 (2006.01) A61L 31/04 (2006.01) A61L 31/10 (2006.01) A61C 8/00 (2006.01) C08L 89/06 (2006.01)**

[25] EN

[54] **MEDICAL DEVICE COMPRISING COLLAGEN-VI**

[54] **DISPOSITIF MEDICAL COMPRENANT DU COLLAGENE VI**

[72] MORGELIN, MATTHIAS, SE  
[72] GRETZER, CHRISTINA, SE  
[71] DENTSPLY IH AB, SE  
[85] 2015-12-15  
[86] 2014-06-19 (PCT/EP2014/062939)  
[87] (WO2014/206856)  
[30] EP (13173411.3) 2013-06-24

[21] **2,915,573**  
[13] A1

[51] **Int.Cl. F23D 14/36 (2006.01) F23D 14/64 (2006.01)**

[25] EN

[54] **AN AIR-GAS MIXER DEVICE FOR PREMIX BURNER EQUIPMENT**

[54] **DISPOSITIF DE MELANGE AIR-GAZ POUR EQUIPEMENT DE BRULEUR A PREMELANGE**

[72] RANALLI, ANTONIO, IT  
[72] LENTI, MASSIMO, IT  
[71] SIT S.P.A., IT  
[85] 2015-12-15  
[86] 2014-06-17 (PCT/IB2014/062281)  
[87] (WO2015/001438)  
[30] IT (PD2013A000189) 2013-07-05

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[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/10 (2006.01) C07K 16/28 (2006.01) C07K 16/32 (2006.01) C07K 16/46 (2006.01)**

[25] EN

[54] **HUMANIZED OR CHIMERIC CD3 ANTIBODIES**

[54] **ANTICORPS ANTI-CD3 HUMANISES OU CHIMERES**

[72] VAN DEN BRINK, EDWARD, NL

[72] NEIJSEN, JOOST J., NL

[72] LABRIJN, ARAN FRANK, NL

[72] MEESTERS, JOYCE, NL

[72] SCHUURMAN, JANINE, NL

[72] PARREN, PAUL, NL

[71] GENMAB A/S, DK

[85] 2015-12-15

[86] 2014-07-04 (PCT/EP2014/064326)

[87] (WO2015/001085)

[30] EP (PCT/EP2013/064330) 2013-07-05

[30] EP (PCT/EP2014/050340) 2014-01-09

[30] DK (PA 2014 00009) 2014-01-09

[21] **2,915,576**  
[13] A1

[51] **Int.Cl. A01M 23/06 (2006.01)**

[25] EN

[54] **TRAP FOR CATCHING ANIMALS, IN PARTICULAR MURIDAE**

[54] **PIEGE POUR ATTRAPER DES ANIMAUX, EN PARTICULIER DES MURIDES**

[72] PECORARO, THOMAS, IT

[71] PECORARO, THOMAS, IT

[85] 2015-12-14

[86] 2014-06-17 (PCT/IB2014/062301)

[87] (WO2014/203166)

[30] IT (TO2013A000497) 2013-06-17

[21] **2,915,577**  
[13] A1

[51] **Int.Cl. B66B 23/10 (2006.01)**

[25] EN

[54] **MOVING-WALKWAY PLATE OF A MOVING WALKWAY**

[54] **PALETTE DE TAPIS ROULANT ET TAPIS ROULANT**

[72] MAKOVEC, CHRISTOPH, AT

[72] MATHEISL, MICHAEL, AT

[72] SCHULZ, ROBERT, AT

[72] ILLEDITS, THOMAS, AT

[72] HAUER, UWE, DE

[72] EIDLER, WERNER, AT

[71] INVENTIO AG, CH

[85] 2015-12-15

[86] 2014-07-08 (PCT/EP2014/064619)

[87] (WO2015/010894)

[30] EP (13178135.3) 2013-07-26

[21] **2,915,578**  
[13] A1

[51] **Int.Cl. B01J 23/847 (2006.01) B01J 23/89 (2006.01) B01J 35/00 (2006.01) B01J 37/02 (2006.01) B01J 37/03 (2006.01) B01J 37/16 (2006.01) C07C 31/04 (2006.01)**

[25] EN

[54] **NATA03 : LA203 CATALYST WITH CO-CATALYST COMPOSITION FOR PHOTOCATALYTIC REDUCTION OF CARBON DIOXIDE**

[54] **COMPOSITION DE CATALYSEUR NATAO3 : LA2O3 AVEC CO-CATALYSEUR POUR LA REDUCTION PHOTOCATALYTIQUE DE DIOXYDE DE CARBONE**

[72] VELU, JEYALAKSHMI, IN

[72] KONDA, KRISHNAMURTHY RAMASWAMY, IN

[72] BALASUBRAMANIAN, VISWANATHAN, IN

[72] RAMESH, KANAPARTHI, IN

[72] PEDDY, VENKATA CHALAPATHI RAO, IN

[72] NETTEM, VENKATESWARLU CHOUDARY, IN

[72] GANDHAM, SRI GANESH, IN

[71] HINDUSTAN PETROLEUM CORPORATION LIMITED, IN

[71] INDIAN INSTITUTE OF TECHNOLOGY, MADRAS, IN

[85] 2015-12-15

[86] 2013-08-27 (PCT/IN2013/000521)

[87] (WO2014/203265)

[30] IN (2039/MUM/2013) 2013-06-17

[21] **2,915,579**  
[13] A1

[51] **Int.Cl. H01M 2/10 (2006.01) H01M 2/20 (2006.01) H01M 10/44 (2006.01) H01M 10/48 (2006.01) H01G 9/26 (2006.01)**

[25] EN

[54] **POWER STORAGE DEVICE, POWER STORAGE SYSTEM, ELECTRONIC APPARATUS, ELECTRIC VEHICLE AND ELECTRIC POWER SYSTEM**

[54] **ACCUMULATEUR ELECTRIQUE, SYSTEME D'ACCUMULATION ELECTRIQUE, DISPOSITIF ELECTRIQUE, VEHICULE ELECTRIQUE ET SYSTEME DE PUISSANCE ELECTRIQUE**

[72] SUGENO, NAOYUKI, JP

[72] AOYAMA, TSUTOMU, JP

[72] ADACHI, TATSUYA, JP

[71] SONY CORPORATION, JP

[85] 2015-12-15

[86] 2014-05-19 (PCT/JP2014/002624)

[87] (WO2015/001699)

[30] JP (2013-138982) 2013-07-02

[21] **2,915,580**  
[13] A1

[51] **Int.Cl. H01M 10/44 (2006.01)**

[25] EN

[54] **POWER STORAGE APAPRATUS AND CONTROL METHOD FOR A POWER STORAGE APPARATUS**

[54] **DISPOSITIF DE STOCKAGE ELECTRIQUE ET PROCEDE DE COMMANDE DE DISPOSITIF DE STOCKAGE ELECTRIQUE**

[72] NAKAMURA, KAZUO, JP

[72] OZAWA, ATSUSHI, JP

[71] SONY CORPORATION, JP

[85] 2015-12-15

[86] 2014-05-29 (PCT/JP2014/002837)

[87] (WO2015/001703)

[30] JP (2013-139368) 2013-07-03

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[13] A1

[51] **Int.Cl. G03G 9/087 (2006.01) G03G 9/08 (2006.01) G03G 9/10 (2006.01)**  
[25] EN  
[54] **TONER AND TONER PRODUCING METHOD, AND DEVELOPER**  
[54] **TONER ET PROCEDE DE PRODUCTION DE TONER, ET REVELATEUR**  
[72] MORITANI, TATSURU, JP  
[72] MORIYA, YOSHIHIRO, JP  
[72] INOUE, RYOTA, JP  
[72] YAMAGUCHI, TATSUKI, JP  
[71] RICOH COMPANY, LTD., JP  
[85] 2015-12-15  
[86] 2014-06-05 (PCT/JP2014/065520)  
[87] (WO2014/203790)  
[30] JP (2013-128095) 2013-06-19  
[30] JP (2014-041248) 2014-03-04

[21] **2,915,582**  
[13] A1

[51] **Int.Cl. G06T 19/00 (2011.01) A63F 13/52 (2014.01)**  
[25] EN  
[54] **IMAGE PROCESSING APPARATUS, IMAGE PROCESSING SYSTEM, IMAGE PROCESSING METHOD AND STORAGE MEDIUM**  
[54] **APPAREIL DE TRAITEMENT D'IMAGE, SYSTEME DE TRAITEMENT D'IMAGE, PROCEDE DE TRAITEMENT D'IMAGE, ET SUPPORT DE STOCKAGE**  
[72] PERRIN, CYRIL, FR  
[71] SQUARE ENIX HOLDINGS CO., LTD., JP  
[85] 2015-12-15  
[86] 2014-06-10 (PCT/JP2014/065827)  
[87] (WO2014/203837)  
[30] US (61/835,765) 2013-06-17

[21] **2,915,584**  
[13] A1

[51] **Int.Cl. E04H 7/06 (2006.01)**  
[25] EN  
[54] **METHOD FOR CONSTRUCTING CYLINDRICAL TANK**  
[54] **PROCEDE DE CONSTRUCTION D'UN RESERVOIR CYLINDRIQUE**  
[72] YAMADA, JUICHIRO, JP  
[72] KATO, SHIGEKI, JP  
[71] IHI CORPORATION, JP  
[85] 2015-12-15  
[86] 2014-06-26 (PCT/JP2014/066998)  
[87] (WO2014/208670)  
[30] JP (2013-135162) 2013-06-27

[21] **2,915,586**  
[13] A1

[51] **Int.Cl. A61K 6/08 (2006.01) A61C 5/00 (2006.01) A61C 13/00 (2006.01) A61L 24/02 (2006.01) A61L 24/04 (2006.01) A61L 27/14 (2006.01)**  
[25] EN  
[54] **BISGMA-FREE ORTHODONTIC ADHESIVES**  
[54] **ADHESIFS ORTHODONTIQUES DEPOURVUS DE BISGMA**  
[72] LOPEZ PALACIOS, EIRA, MX  
[72] ALVAREZ GAYOSSO, CARLOS ANDRES, MX  
[72] SAEZ ESPINOLA, GABRIEL, MX  
[71] UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO, MX  
[85] 2015-12-15  
[86] 2014-06-17 (PCT/MX2014/000092)  
[87] (WO2014/204289)  
[30] MX (MX/a/2013/006893) 2013-06-17

[21] **2,915,588**  
[13] A1

[51] **Int.Cl. F24F 11/00 (2006.01) F24F 9/00 (2006.01)**  
[25] EN  
[54] **AIR CURTAIN DEVICE MEASURING A TEMPERATURE PROFILE AND METHOD THERE FOR**  
[54] **DISPOSITIF DE RIDEAU D'AIR MESURANT UN PROFIL DE TEMPERATURE ET PROCEDE ASSOCIE**  
[72] WEENING, FREERK, NL  
[71] BIDDLE B.V., NL  
[85] 2015-12-15  
[86] 2014-05-13 (PCT/NL2014/050302)  
[87] (WO2014/204297)  
[30] NL (2010998) 2013-06-18

[21] **2,915,591**  
[13] A1

[51] **Int.Cl. G01F 1/82 (2006.01) A01D 41/127 (2006.01)**  
[25] EN  
[54] **APPARATUS, SYSTEMS, AND METHODS FOR YIELD SENSOR INSTALLATION**  
[54] **APPAREIL, SYSTEMES ET PROCEDES POUR INSTALLATION DE DETECTION DE RENDEMENT**  
[72] KOCH, JUSTIN, US  
[72] STRNAD, MICHAEL, US  
[72] MULLINS, BRAD, US  
[71] PRECISION PLANTING LLC, US  
[85] 2015-12-15  
[86] 2014-06-24 (PCT/US2014/043963)  
[87] (WO2014/210073)  
[30] US (61/838,787) 2013-06-24

[21] **2,915,592**  
[13] A1

[51] **Int.Cl. C07C 319/26 (2006.01) C07C 319/30 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR PRODUCING DIMETHYL SULFIDE FROM SOUR GAZ**  
[54] **SYSTEMES ET PROCEDES POUR LA PRODUCTION DE SULFURE DE DIMETHYLE A PARTIR D'UN GAZ CORROSIF**  
[72] MILAM, STANLEY NEMEC, US  
[72] TEGELAAR, ERIK WILLEM, NL  
[72] FREEMAN, JOHN JUSTIN, US  
[72] TAYLOR, RICHARD BRUCE, US  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2015-12-15  
[86] 2014-06-25 (PCT/US2014/044023)  
[87] (WO2014/210110)  
[30] US (61/839,982) 2013-06-27

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[13] A1

[51] **Int.Cl. E21B 43/22 (2006.01) E21B 37/06 (2006.01)**  
[25] EN  
[54] **REMEDICATION OF ASPHALTENE-INDUCED PLUGGING OF WELLBORES AND PRODUCTION LINES**  
[54] **TRAITEMENT DE L'OBTURATION DES PUITES DE FORAGE ET DES CIRCUITS DE PRODUCTION INDUITE PAR LES ASPHALTENES**  
[72] MILAM, STANLEY NEMEC, US  
[72] TEGELAAR, ERIK WILLEM, NL  
[72] FREEMAN, JOHN JUSTIN, US  
[72] TAYLOR, RICHARD BRUCE, US  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2015-12-15  
[86] 2014-06-25 (PCT/US2014/044026)  
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[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 3/14 (2006.01)**  
[25] EN  
[54] **EXECUTION AND DISPLAY OF EVENTS IN WEB BROWSERS**  
[54] **EXECUTION ET AFFICHAGE D'EVENEMENTS DANS DES NAVIGATEURS WEB**  
[72] NEKKALAPUDI, BANU DURGA SATISH, US  
[71] PAYPAL, INC., US  
[85] 2015-12-15  
[86] 2014-06-26 (PCT/US2014/044304)  
[87] (WO2014/210290)  
[30] US (13/928,753) 2013-06-27

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[21] **2,915,598**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) B01J 19/00 (2006.01) C07H 21/00 (2006.01) C09D 133/26 (2006.01)**  
[25] EN  
[54] **CATALYST-FREE SURFACE FUNCTIONALIZATION AND POLYMER GRAFTING**  
[54] **GREFFAGE DE POLYMER ET FONCTIONNALISATION DE SURFACE SANS CATALYSEUR**  
[72] BERTI, LORENZO, US  
[72] BROWN, ANDREW A., GB  
[72] GEORGE, WAYNE N., GB  
[71] ILLUMINA, INC., US  
[85] 2015-12-15  
[86] 2014-06-26 (PCT/US2014/044356)  
[87] (WO2015/002813)  
[30] US (61/841,647) 2013-07-01  
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[21] **2,915,600**  
[13] A1

[51] **Int.Cl. G06T 19/00 (2011.01) B22F 3/10 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR CREATING COMPENSATED DIGITAL REPRESENTATIONS FOR USE IN ADDITIVE MANUFACTURING PROCESSES**  
[54] **SYSTEMES ET PROCEDES PERMETTANT DE CREER DES REPRESENTATIONS NUMERIQUES COMPENSEES DESTINEES A ETRE UTILISEES LORS DE PROCESSUS DE FABRICATION ADDITIVE**  
[72] GRAHAM, MICHAEL EVANS, US  
[72] CARTER, WILLIAM THOMAS, US  
[72] CHEVERTON, MARK ALLEN, US  
[72] YANG, PINGHAI, US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2015-12-15  
[86] 2014-06-27 (PCT/US2014/044484)  
[87] (WO2014/210408)  
[30] US (13/930,097) 2013-06-28

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[21] **2,915,602**  
[13] A1

[51] **Int.Cl. F16H 57/08 (2006.01) F02C 7/32 (2006.01) F02C 7/36 (2006.01) F02K 3/06 (2006.01)**  
[25] EN  
[54] **LIGHTWEIGHT GEAR ASSEMBLY FOR EPICYCLIC GEARBOX**  
[54] **PIGNONNERIE LEGERE POUR BOITE DE VITESSES EPICYCLOIDALE**  
[72] VAN DER MERWE, GERT J., US  
[72] BRADLEY, DONALD ALBERT, US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2015-12-15  
[86] 2014-06-27 (PCT/US2014/044579)  
[87] (WO2014/210462)  
[30] US (61/840,779) 2013-06-28

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[21] **2,915,606**  
[13] A1

[51] **Int.Cl. B25F 1/00 (2006.01) B25G 1/08 (2006.01)**  
[25] EN  
[54] **POCKET FIELD TOOLS**  
[54] **OUTILS DE TERRAIN DE POCHE**  
[72] KING, L. HERBERT, JR., US  
[72] KEEVEN, JAMES, US  
[72] RHEA, STEVEN, US  
[71] THE PATENT STORE LLC, US  
[85] 2015-12-15  
[86] 2014-08-21 (PCT/US2014/000183)  
[87] (WO2015/041709)  
[30] US (13/987,974) 2013-09-20

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[21] **2,915,609**  
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) H04W 4/02 (2009.01)**  
[25] EN  
[54] **ROUTINE SUGGESTION SYSTEM**  
[54] **SYSTEME DE SUGGESTION DE ROUTINE**  
[72] ZHAO, LUCY MA, US  
[72] ZAMER, KAMAL, US  
[71] EBAY INC., US  
[85] 2015-12-15  
[86] 2014-03-26 (PCT/US2014/031866)  
[87] (WO2014/160779)  
[30] US (13/853,455) 2013-03-29  
[30] US (13/931,176) 2013-06-28

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[21] **2,915,614**  
[13] A1

[51] **Int.Cl. B62D 55/26 (2006.01)**  
[25] EN  
[54] **A TRACK SHOE HAVING INCREASED SERVICE LIFE USEFUL IN A TRACK DRIVE SYSTEM**  
[54] **PATIN DE CHENILLE PRESENTANT UNE DUREE DE VIE UTILE AUGMENTEE DANS UN SYSTEME D'ENTRAINEMENT A CHENILLE**  
[72] TALBOT, CLAUDE, CA  
[72] OLSEN, ALMA, US  
[71] ARCELORMITTAL INVESTIGACION Y DESAROLLO S.L., ES  
[71] TALBOT, CLAUDE, CA  
[71] OLSEN, ALMA, US  
[85] 2015-12-15  
[86] 2014-05-07 (PCT/US2014/037089)  
[87] (WO2014/182778)  
[30] US (61/820,551) 2013-05-07

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[21] **2,915,615**  
[13] A1

[51] **Int.Cl. G06F 13/38 (2006.01)**  
[25] EN  
[54] **PLATFORM FOR GENERATING SENSOR DATA**  
[54] **PLATEFORME POUR LA GENERATION DE DONNEES DE CAPTEUR**  
[72] CARTER, ABRAHAM, US  
[72] SCOTT, DAVID, US  
[71] AMIIGO, INC., US  
[85] 2015-12-15  
[86] 2014-05-12 (PCT/US2014/037719)  
[87] (WO2014/183124)  
[30] US (61/822,207) 2013-05-10  
[30] US (14/275,493) 2014-05-12

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[21] **2,915,617**  
[13] A1

[51] **Int.Cl. G06F 13/38 (2006.01)**  
[25] EN  
[54] **UPDATING FIRMWARE TO CUSTOMIZE THE PERFORMANCE OF A WEARABLE SENSOR DEVICE TO A PARTICULAR USE**  
[54] **MISE A JOUR D'UN MICROLOGICIEL DE FACON A ADAPTER LES PERFORMANCES D'UN DISPOSITIF PORTABLE A CAPTEURS A UNE UTILISATION PARTICULIERE**  
[72] CARTER, ABRAHAM, US  
[72] SCOTT, DAVID, US  
[71] AMIIGO, INC., US  
[85] 2015-12-15  
[86] 2014-05-12 (PCT/US2014/037730)  
[87] (WO2014/183129)  
[30] US (13/891,699) 2013-05-10

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[21] **2,915,619**  
[13] A1

[51] **Int.Cl. G06F 9/44 (2006.01) G06F 15/16 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CUSTOMIZED SOFTWARE DEVELOPMENT KIT (SDK) GENERATION**  
[54] **PROCEDE ET APPAREIL POUR LA GENERATION D'UN KIT DE DEVELOPPEMENT LOGICIEL (SDK) PERSONNALISE**  
[72] CHANDARIA, TRISALA, US  
[72] LEONELLI, JEAN-BAPTISTE, US  
[71] CIAMBELLA LTD., VG  
[85] 2015-12-15  
[86] 2014-06-17 (PCT/US2014/042780)  
[87] (WO2014/204987)  
[30] US (61/836,628) 2013-06-18  
[30] US (61/842,906) 2013-07-03  
[30] US (61/847,819) 2013-07-18

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[21] **2,915,620**  
[13] A1

[51] **Int.Cl. G06F 9/44 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CODE VIRTUALIZATION AND REMOTE PROCESS CALL GENERATION**  
[54] **PROCEDE ET APPAREIL POUR LA VIRTUALISATION DE CODE ET LA GENERATION D'UN APPEL DE PROCESSUS DISTANT**  
[72] CHANDARIA, TRISALA, US  
[72] LEONELLI, JEAN-BAPTISTE, US  
[71] CIAMBELLA LTD., VG  
[85] 2015-12-15  
[86] 2014-06-17 (PCT/US2014/042783)  
[87] (WO2014/204989)  
[30] US (61/836,628) 2013-06-18  
[30] US (61/842,906) 2013-07-03

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[21] **2,915,626**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/24 (2011.01)**  
[25] EN  
[54] **METHOD FOR DETERMINING COPY NUMBER VARIATIONS IN SEX CHROMOSOMES**  
[54] **METHODE POUR DETERMINER LES VARIATIONS DU NOMBRE DE COPIES DANS DES CHROMOSOMES SEXUELS**  
[72] ABDUEVA, DIANA, US  
[71] VERINATA HEALTH, INC., US  
[85] 2015-12-15  
[86] 2014-06-17 (PCT/US2014/042785)  
[87] (WO2014/204991)  
[30] US (61/836,057) 2013-06-17

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[13] A1

- [51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/18 (2011.01) G06F 19/22 (2011.01)**
- [25] EN
- [54] **METHODS AND PROCESSES FOR NON-INVASIVE ASSESSMENT OF GENETIC VARIATIONS**
- [54] **PROCEDES ET PROCESSUS D'EVALUATION NON INVASIVE DE VARIATIONS GENETIQUES**
- [72] KIM, SUNG K., US
- [72] HANNUM, GREGORY, US
- [72] GEIS, JENNIFER, US
- [72] DECIU, COSMIN, US
- [71] SEQUENOM, INC., US
- [85] 2015-12-15
- [86] 2014-06-20 (PCT/US2014/043497)
- [87] (WO2014/205401)
- [30] US (61/838,048) 2013-06-21

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[21] **2,915,631**

[13] A1

- [51] **Int.Cl. F04D 29/24 (2006.01)**
- [25] EN
- [54] **DEBRIS REMOVING IMPELLER BACKVANE**
- [54] **CONTRE-AILETTE D'EQUILIBRAGE DE ROUE D'ELIMINATION DE DEBRIS**
- [72] LOPES, JEFFREY D., US
- [71] FLOW CONTROL LLC., US
- [85] 2015-12-15
- [86] 2014-06-23 (PCT/US2014/043660)
- [87] (WO2014/205439)
- [30] US (61/837,753) 2013-06-21

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[21] <b>2,852,738</b> [13] A1	[21] <b>2,852,795</b> [13] A1	[21] <b>2,853,009</b> [13] A1
[51] <b>Int.Cl. A61G 12/00 (2006.01) A47B 67/02 (2006.01) A47F 1/00 (2006.01) A61J 1/00 (2006.01) B65G 1/02 (2006.01)</b> [25] EN [54] <b>GRAVITY DISPENSING BIN SYSTEM</b> [54] <b>MECANISME DE BAC A DISTRIBUTION PAR GRAVITE</b> [72] NEIDIG, DUANE, CA [72] FORSYTH, SHAD, CA [71] ASSOCIATED HEALTH SYSTEMS, CA [22] 2014-05-30 [41] 2015-11-30	[51] <b>Int.Cl. F15B 1/033 (2006.01) B65D 90/48 (2006.01) F17C 7/00 (2006.01)</b> [25] EN [54] <b>DUMPING WELL</b> [54] <b>PUITS DE DECHARGEMENT</b> [72] RAJEWSKI, ROBERT K., CA [71] RAJEWSKI, ROBERT K., CA [22] 2014-05-30 [41] 2015-11-30	[51] <b>Int.Cl. G07F 17/32 (2006.01) A63F 13/25 (2014.01) A63F 13/45 (2014.01)</b> [25] EN [54] <b>THREE DIMENSIONAL ENHANCEMENTS TO GAME COMPONENTS IN GAMING SYSTEMS</b> [54] <b>AMELIORATIONS EN TROIS DIMENSIONS DE COMPOSANTES DE JEU DANS LES SYSTEMES DE JEU</b> [72] COMEAU, BRIAN, CA [72] TRAINOR, BETHANY, CA [72] LEGER, FRANCOIS ROMEO, CA [71] GTECH CANADA ULC, CA [22] 2014-05-30 [41] 2015-11-30
[21] <b>2,852,784</b> [13] A1	[21] <b>2,852,829</b> [13] A1	[21] <b>2,853,012</b> [13] A1
[51] <b>Int.Cl. B65F 1/14 (2006.01) B65D 81/20 (2006.01) B65D 88/74 (2006.01) B65D 90/28 (2006.01)</b> [25] EN [54] <b>VACUUM FOOD SCRAPS AND TRASH BIN</b> [54] <b>ASPIRATEUR A DECHETS ALIMENTAIRES ET POUBELLE</b> [72] SUN, WEIHUA, CA [72] YU, XIAOWEI, CA [71] SUN, WEIHUA, CA [71] YU, XIAOWEI, CA [22] 2014-05-30 [41] 2015-11-30	[51] <b>Int.Cl. A01D 57/20 (2006.01)</b> [25] EN [54] <b>CROP FLOW ASSISTANCE DEVICE FOR HARVESTING HEADER</b> [54] <b>DISPOSITIF D~AIDE A LA RECOLTE POUR BEC DE COUPE</b> [72] HONEY, GREGORY, CA [72] HONEY, GLENN, CA [71] HONEY BEE MANUFACTURING LTD., CA [22] 2014-05-30 [41] 2015-11-30	[51] <b>Int.Cl. G06Q 50/22 (2012.01)</b> [25] EN [54] <b>JOINT SURGERY TRIAGE TOOL</b> [54] <b>OUTIL DE TRIAGE DE CHIRURGIE D~ARTICULATION</b> [72] COOKE, DEREK, CA [71] COOKE, DEREK, CA [22] 2014-05-30 [41] 2015-11-30
[21] <b>2,852,790</b> [13] A1	[21] <b>2,852,858</b> [13] A1	
[51] <b>Int.Cl. A01M 23/08 (2006.01)</b> [25] EN [54] <b>HUMANE SMALL ANIMAL TRAP</b> [54] <b>PIEGE NON VIOLENT POUR PETIT ANIMAL</b> [72] OZGA, CHRIS, CA [71] OZGA, CHRIS, CA [22] 2014-05-30 [41] 2015-11-30	[51] <b>Int.Cl. H01Q 3/32 (2006.01) H01Q 21/06 (2006.01)</b> [25] EN [54] <b>PHASE SHIFTER</b> [54] <b>DISPOSITIF DE DECALAGE DE PHASE</b> [72] ABDELLATIF, AHMED SHEHATA, CA [72] TAEB, AIDIN, CA [72] RANJKESH, NAZY, CA [72] GIGOYAN, SUREN, CA [72] ABDELAZIZ, AHMED KAMAL SAID, CA [72] SAFAVI-NAEINI, SAFIEDDIN, CA [71] C-COM SATELLITE SYSTEMS INC., CA [22] 2014-05-30 [41] 2015-11-30	

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[21] **2,853,016**  
[13] A1

[51] **Int.Cl. G07F 17/32 (2006.01) A63F 13/25 (2014.01) A63F 13/30 (2014.01) A63F 13/45 (2014.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR THREE DIMENSIONAL GAMES IN GAMING SYSTEMS**

[54] **SYSTEMES ET METHODES DESTINES AUX JEUX EN TROIS DIMENSIONS DANS LES SYSTEMES DE JEU**

[72] LEBLANC, VICKY, CA  
[72] AMOS, WILLIAM GEORGE, CA  
[71] GTECH CANADA ULC, CA  
[22] 2014-05-30  
[41] 2015-11-30

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[21] **2,853,020**  
[13] A1

[51] **Int.Cl. A01K 15/00 (2006.01)**

[25] EN

[54] **CATTLE LEG LIFTER, CATTLE CHUTE INCLUDING A CATTLE LEG LIFTER, AND METHOD FOR MOBILIZING AN ANIMAL LEG**

[54] **DISPOSITIF DE SOULEVEMENT DE PATTE DE BOVIN, COULOIR DE CONTENTION COMPORTANT UN DISPOSITIF DE SOULEVEMENT DE PATTE DE BOVIN ET METHODE DE MOBILISATION D-UNE PATTE D-UN ANIMAL**

[72] BLANCHARD, PIERRE, CA  
[71] EQUIPEMENTS P.F.B. INC., CA  
[22] 2014-05-30  
[41] 2015-11-30

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[21] **2,853,074**  
[13] A1

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

[25] EN

[54] **IN SITU HYDROCARBON RECOVERY USING DISTRIBUTED FLOW CONTROL DEVICES FOR ENHANCING TEMPERATURE CONFORMANCE**

[54] **RECUPERATION D'HYDROCARBURE SUR PLACE A L'AIDE DE DISPOSITIFS DE CONTROLE DE FLUX DISTRIBUES PERMETTANT D'AMELIORER LA CONFORMITE DE LA TEMPERATURE**

[72] STAHL, RICHARD, CA  
[72] SMITH, JENNIFER, CA  
[71] SUNCOR ENERGY INC., CA  
[22] 2014-05-30  
[41] 2015-11-30

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[21] **2,853,257**  
[13] A1

[51] **Int.Cl. A63F 13/5258 (2014.01) A63F 13/21 (2014.01) A63F 13/67 (2014.01)**

[25] EN

[54] **SYSTEMS, METHODS AND DEVICES FOR MOVING GAME COMPONENTS IN GAMING SYSTEMS**

[54] **SYSTEMES, METHODES ET DISPOSITIFS SERVANT A DEPLACER DES ELEMENTS DE JEU DANS LES SYSTEMES DE JEU**

[72] LEBLANC, VICKY, CA  
[72] COMEAU, BRIAN, CA  
[71] GTECH CANADA ULC, CA  
[22] 2014-05-30  
[41] 2015-11-30

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[21] **2,853,533**  
[13] A1

[51] **Int.Cl. A61F 13/15 (2006.01) A61F 13/84 (2006.01)**

[25] EN

[54] **DISPOSABLE LINER FOR INSERTION INTO GARMENT AND DISPENSER THEREFOR**

[54] **DOUBLURE JETABLE A INSERER DANS UN VETEMENT ET DISTRIBUTEUR ASSOCIE**

[72] MCLEAN, DARLENE, CA  
[71] MCLEAN, DARLENE, CA  
[22] 2014-05-30  
[41] 2015-11-30

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[21] **2,859,116**  
[13] A1

[51] **Int.Cl. G05B 24/02 (2006.01) B65G 43/00 (2006.01) B65G 43/08 (2006.01)**

[25] EN

[54] **LIGHT-BASED POSITION CONTROL OF A MANUAL PICKING PROCESS**

[54] **CONTROLE DE POSITION FONDE SUR LA LUMIERE DESTINE A UN PROCEDE DE RAMASSAGE MANUEL**

[72] LOPETRONE, JOHN A., US  
[71] FIVES INC., US  
[22] 2014-08-13  
[41] 2015-11-30  
[30] US (14/291,576) 2014-05-30

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[21] **2,868,359**  
[13] A1

[51] **Int.Cl. A61J 19/00 (2006.01)**

[25] EN

[54] **VOMIT COLLECTION ASSEMBLY**

[54] **DISPOSITIF DE COLLECTE DE VOMISSURES**

[72] LEVAL, LAURENT, CA  
[71] LEVAL, LAURENT, CA  
[22] 2014-10-17  
[41] 2015-11-30  
[30] US (14,292,173) 2014-05-30

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[21] **2,882,483**  
[13] A1

[51] **Int.Cl. B62K 13/06 (2006.01) B60L 8/00 (2006.01) B62K 5/00 (2013.01)**

[25] FR

[54] **STRUCTURAL BEARING FRAME FOR SOLAR QUADRICYCLE**

[54] **CADRE STRUCTUREL PORTANT POUR QUADRICYCLE SOLAIRE**

[72] CHRISTEN, ROGER, CA  
[71] CHRISTEN, ROGER, CA  
[22] 2015-02-23  
[41] 2015-11-30  
[30] MA (37095) 2014-05-30

**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,883,507**  
[13] A1

[51] **Int.Cl. H05K 7/02 (2006.01) A47L 15/42 (2006.01) F24C 15/00 (2006.01) G09F 9/30 (2006.01)**

[25] EN

[54] **LIGHT EMITTING DISPLAY BOARD AND DISPLAY PANEL RETAINING INTERFACE FOR A DOMESTIC APPLIANCE**

[54] **PANNEAU D~AFFICHAGE LUMINEUX ET INTERFACE DE RETENUE DE PANNEAU D~AFFICHAGE DESTINEE A UN ELECTROMENAGER**

[72] HUNTER, JASON, US

[72] SAVITZ, GEORGE, US

[71] BSH HOME APPLIANCES CORPORATION, US

[71] BSH BOSCH UND SIEMENS HAUSGERATE GMBH, DE

[22] 2015-03-03

[41] 2015-11-30

[30] US (14/291,561) 2014-05-30

[21] **2,886,272**  
[13] A1

[51] **Int.Cl. B01D 67/00 (2006.01) B01D 71/06 (2006.01)**

[25] EN

[54] **MEMBRANE COMPRISING SELF-ASSEMBLED BLOCK COPOLYMER AND PROCESS FOR PRODUCING THE SAME BY SPRAY COATING (IC)**

[54] **MEMBRANE COMPORTANT UN COPOLYMER SEQUENCE AUTOASSEMBLE ET PROCEDE DE PRODUCTION ASSOCIE PAR TECHNIQUE DE DEPOT PAR PULVERISATION (IC)**

[72] AAMER, KHALED ABDEL-HAKIM HELMY, US

[72] SINGH, AMARNAUTH, US

[72] SHI, SELINA, US

[71] PALL CORPORATION, US

[22] 2015-03-26

[41] 2015-11-30

[30] US (62/005,863) 2014-05-30

[21] **2,886,288**  
[13] A1

[51] **Int.Cl. C08F 297/08 (2006.01) C08F 4/80 (2006.01) C08F 232/08 (2006.01)**

[25] EN

[54] **SELF-ASSEMBLING POLYMERS - I**

[54] **POLYMERES AUTOASSEMBLANT - I**

[72] AAMER, KHALED ABDEL-HAKIM HELMY, US

[71] PALL CORPORATION, US

[22] 2015-03-26

[41] 2015-11-30

[30] US (14/292,376) 2014-05-30

[21] **2,886,210**  
[13] A1

[51] **Int.Cl. B01D 71/62 (2006.01) C08F 232/08 (2006.01) C08F 297/08 (2006.01) C08J 5/18 (2006.01) C08J 9/228 (2006.01) C08L 45/00 (2006.01) C08L 53/00 (2006.01)**

[25] EN

[54] **MEMBRANE COMPRISING SELF-ASSEMBLED BLOCK COPOLYMER AND PROCESS FOR PRODUCING THE SAME BY SPIN COATING (IA)**

[54] **MEMBRANE COMPORTANT UN COPOLYMER SEQUENCE AUTOASSEMBLE ET PROCEDE DE PRODUCTION ASSOCIE PAR TECHNIQUE DE DEPOT PAR ROTATION (IA)**

[72] AAMER, KHALID ABDEL-HAKIM HELMY, US

[72] SINGH, AMARNAUTH, US

[71] PALL CORPORATION, US

[22] 2015-03-26

[41] 2015-11-30

[30] US (14/292,640) 2014-05-30

[21] **2,886,283**  
[13] A1

[51] **Int.Cl. B01D 67/00 (2006.01) B01D 71/06 (2006.01)**

[25] EN

[54] **MEMBRANES COMPRISING SELF-ASSEMBLED BLOCK COPOLYMERS AND PROCESS FOR PRODUCING THE SAME BY SPRAY COATING (IIC)**

[54] **MEMBRANES COMPORTANT DES COPOLYMERES SEQUENCES AUTOASSEMBLES ET PROCEDE DE PRODUCTION ASSOCIE PAR TECHNIQUE DE DEPOT PAR PULVERISATION (IIC)**

[72] AAMER, KHALED ABDEL-HAKIM HELMY, US

[72] SINGH, AMARNAUTH, US

[72] SHI, SELINA, US

[71] PALL CORPORATION, US

[22] 2015-03-26

[41] 2015-11-30

[30] US (62/005,753) 2014-05-30

[21] **2,886,291**  
[13] A1

[51] **Int.Cl. B01D 67/00 (2006.01) B01D 71/06 (2006.01)**

[25] EN

[54] **MEMBRANE COMPRISING SELF-ASSEMBLED BLOCK COPOLYMER AND PROCESS FOR PRODUCING THE SAME BY HYBRID CASTING (IB)**

[54] **MEMBRANE COMPORTANT UN COPOLYMER SEQUENCE AUTOASSEMBLE ET PROCEDE DE PRODUCTION ASSOCIE PAR TECHNIQUE DE DEPOT PAR COULAGE HYBRIDE (IB)**

[72] AAMER, KHALED ABDEL-HAKIM HELMY, US

[72] GRZENIA, DAVID LUKAS, US

[71] PALL CORPORATION, US

[22] 2015-03-26

[41] 2015-11-30

[30] US (14/492,710) 2014-05-30

[21] **2,886,303**  
[13] A1

[51] **Int.Cl. B01D 27/08 (2006.01)**

[25] EN

[54] **FILTER ELEMENTS AND METHODS FOR FILTERING FLUIDS**

[54] **ELEMENTS DE FILTRE ET METHODES DE FILTRAGE DE LIQUIDES**

[72] CARRION, ALEXANDER, US

[71] PALL CORPORATION, US

[22] 2015-03-26

[41] 2015-11-30

[30] US (14/292,030) 2014-05-30

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[21] **2,888,426**  
[13] A1

[51] **Int.Cl. G01M 7/02 (2006.01) G01S 5/18 (2006.01)**  
[25] EN  
[54] **NOISE SOURCE DECOMPOSITION SYSTEM AND METHOD USING AN ADAPTABLE APERTURE PHASED ARRAY**  
[54] **MECANISME ET METHODE DE DECOMPOSITION DE SOURCE DE BRUIT A L~AIDE D~UN RESEAU PILOTE EN PHASE A OUVERTURE ADAPTABLE**  
[72] UNDERBRINK, JAMES ROBERT, US  
[72] BRUSNIAK, LEON, US  
[71] THE BOEING COMPANY, US  
[22] 2015-04-16  
[41] 2015-11-30  
[30] US (14/292,854) 2014-05-31

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[21] **2,888,903**  
[13] A1

[51] **Int.Cl. B62D 25/00 (2006.01)**  
[25] EN  
[54] **VEHICLE CROSS-SUPPORT MEMBER WITH HYBRID METAL JOINT**  
[54] **ELEMENT DE SUPPORT TRANSVERSAL POUR VEHICULE DOTE D~UN JOINT METALLIQUE HYBRIDE**  
[72] DAVOS, PETER, CA  
[71] VAN-ROB INC., CA  
[22] 2015-04-22  
[41] 2015-11-30  
[30] US (62/005,035) 2014-05-30

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[21] **2,889,394**  
[13] A1

[51] **Int.Cl. C08J 5/18 (2006.01) C08J 9/00 (2006.01) C08L 45/00 (2006.01) C08L 53/00 (2006.01)**  
[25] EN  
[54] **SELF-ASSEMBLED STRUCTURE AND MEMBRANE COMPRISING BLOCK COPOLYMER AND PROCESS FOR PRODUCING THE SAME BY SPIN COATING (IIIA)**  
[54] **STRUCTURE AUTOASSEMBLEE ET MEMBRANE COMPORTANT UN COPOLYMER SEQUENCE ET PROCEDE DE PRODUCTION ASSOCIE A L~AIDE DE TECHNIQUE DE DEPOT PAR ROTATION (IIIA)**  
[72] AAMER, KHALED ABDEL-HAKIM HELMY, US  
[72] SHI, SELINA, US  
[71] PALL CORPORATION, US  
[22] 2015-04-24  
[41] 2015-11-30  
[30] US (14/292,580) 2014-05-30

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[21] **2,889,437**  
[13] A1

[51] **Int.Cl. C08F 297/06 (2006.01) C08F 4/80 (2006.01) C08F 8/04 (2006.01) C08J 5/18 (2006.01) C08L 53/00 (2006.01)**  
[25] EN  
[54] **SELF-ASSEMBLING POLYMERS - II**  
[54] **POLYMERES AUTOASSEMBLANT - II**  
[72] AAMER, KHALED ABDEL-HAKIM HELMY, US  
[71] PALL CORPORATION, US  
[22] 2015-04-24  
[41] 2015-11-30  
[30] US (14/292,611) 2014-05-30

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[21] **2,889,441**  
[13] A1

[51] **Int.Cl. B01D 67/00 (2006.01) B01D 71/80 (2006.01)**  
[25] EN  
[54] **MEMBRANE COMPRISING SELF-ASSEMBLED BLOCK COPOLYMER AND PROCESS FOR PRODUCING THE SAME BY SPIN COATING (IIA)**  
[54] **MEMBRANE COMPORTANT UN COPOLYMER SEQUENCE AUTOASSEMBLE ET PROCEDE DE PRODUCTION ASSOCIE PAR TECHNIQUE DE DEPOT PAR ROTATION (IIA)**  
[72] AAMER, KHALED ABDEL-HAKIM HELMY, US  
[72] SHI, SELINA, US  
[71] PALL CORPORATION, US  
[22] 2015-04-24  
[41] 2015-11-30  
[30] US (14/292,665) 2014-05-30

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[21] **2,889,445**  
[13] A1

[51] **Int.Cl. C08J 9/28 (2006.01) C08J 5/18 (2006.01) C08L 45/00 (2006.01) C08L 53/00 (2006.01)**  
[25] EN  
[54] **MEMBRANE COMPRISING SELF-ASSEMBLED BLOCK COPOLYMER AND PROCESS FOR PRODUCING THE SAME BY HYBRID CASTING (IIB)**  
[54] **MEMBRANE COMPORTANT UN COPOLYMER SEQUENCE AUTOASSEMBLE ET PROCEDE DE PRODUCTION ASSOCIE PAR TECHNIQUE DE DEPOT PAR COULAGE HYBRIDE (IIB)**  
[72] AAMER, KHALED ABDEL-HAKIM HELMY, US  
[72] GRZENIA, DAVID LUKAS, US  
[71] PALL CORPORATION, US  
[22] 2015-04-24  
[41] 2015-11-30  
[30] US (14/292,446) 2014-05-30

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**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,889,460**  
[13] A1

[51] **Int.Cl. B65G 47/52 (2006.01)**  
[25] EN  
[54] **PALLET STACKER CONVEYOR**  
[54] **COURROIE DE TRANSPORT**  
**D~EMPILEUR DE PALETTES**  
[72] HILGENDROF, DENNIS J., US  
[71] HILGENDROF, DENNIS J., US  
[22] 2015-04-30  
[41] 2015-11-30  
[30] US (14/292,899) 2014-05-31

[21] **2,889,580**  
[13] A1

[51] **Int.Cl. C08F 297/06 (2006.01) C08F**  
**4/80 (2006.01) C08J 5/18 (2006.01)**  
**C08L 53/00 (2006.01)**  
[25] EN  
[54] **SELF-ASSEMBLING POLYMERS -**  
**III**  
[54] **POLYMERES AUTOASSEMBLANT**  
**- III**  
[72] AAMER, KHALED ABDEL-HAKIM  
HELMY, US  
[71] PALL CORPORATION, US  
[22] 2015-04-24  
[41] 2015-11-30  
[30] US (14/292,722) 2014-05-30

[21] **2,890,578**  
[13] A1

[51] **Int.Cl. C08F 297/06 (2006.01) C08J**  
**5/18 (2006.01) C08J 9/00 (2006.01)**  
[25] EN  
[54] **SELF-ASSEMBLING POLYMERS -**  
**V**  
[54] **POLYMERES AUTOASSEMBLANT**  
**- V**  
[72] AAMER, KHALED ABDEL-HAKIM  
HELMY, US  
[71] PALL CORPORATION, US  
[22] 2015-05-08  
[41] 2015-11-30  
[30] US (14/292,739) 2014-05-30

[21] **2,890,610**  
[13] A1

[51] **Int.Cl. H01P 1/19 (2006.01)**  
[25] EN  
[54] **DITHERING THE**  
**MAGNETIZATION OF A FERRITE**  
**LOAD**  
[54] **JUXTAPOSITION DE**  
**MAGNETISATION D~UNE**  
**CHARGE DE FERRITE**  
[72] ALEXANDER, JEFFREY, US  
[71] HONEYWELL INTERNATIONAL  
INC., US  
[22] 2015-05-06  
[41] 2015-11-30  
[30] US (14/292,433) 2014-05-30

[21] **2,890,722**  
[13] A1

[51] **Int.Cl. C08J 5/18 (2006.01) C08F**  
**297/06 (2006.01) C08J 9/00 (2006.01)**  
**C08L 53/00 (2006.01)**  
[25] EN  
[54] **SELF-ASSEMBLED STRUCTURE**  
**AND MEMBRANE COMPRISING**  
**BLOCK COPOLYMER AND**  
**PROCESS FOR PRODUCING THE**  
**SAME BY SPIN COATING (IVA)**  
[54] **STRUCTURE AUTOASSEMBLEE**  
**ET MEMBRANE COMPORTANT**  
**UN COPOLYMER SEQUENCE**  
**ET PROCEDE DE PRODUCTION**  
**ASSOCIE A L~AIDE DE**  
**TECHNIQUE DE DEPOT PAR**  
**ROTATION (IVA)**  
[72] AAMER, KHALED ABDEL-HAKIM  
HELMY, US  
[72] SHI, SELINA, US  
[71] PALL CORPORATION, US  
[22] 2015-05-08  
[41] 2015-11-30  
[30] US (14/292,255) 2014-05-30

[21] **2,890,737**  
[13] A1

[51] **Int.Cl. C08F 297/06 (2006.01) C08J**  
**5/18 (2006.01) C08J 9/00 (2006.01)**  
[25] EN  
[54] **SELF-ASSEMBLING POLYMERS -**  
**IV**  
[54] **POLYMERES AUTOASSEMBLANT**  
**- IV**  
[72] AAMER, KHALED ABDEL-HAKIM  
HELMY, US  
[71] PALL CORPORATION, US  
[22] 2015-05-08  
[41] 2015-11-30  
[30] US (14/292,531) 2014-05-30

[21] **2,890,777**  
[13] A1

[51] **Int.Cl. C10M 163/00 (2006.01) C10M**  
**133/16 (2006.01) C10M 137/10**  
**(2006.01) C10M 159/12 (2006.01)**  
[25] EN  
[54] **LUBRICATING OIL**  
**COMPOSITION AND ADDITIVE**  
**THEREFOR HAVING IMPROVED**  
**WEAR PROPERTIES**  
[54] **COMPOSITION D~HUILE**  
**LUBRIFIANTE ET ADDITIF**  
**ASSOCIE AYANT DES**  
**PROPRIETES ANTIUSURES**  
**AMELIOREES**  
[72] LAGONA, JASON A., US  
[72] LOPER, JOHN T., US  
[71] AFTON CHEMICAL  
CORPORATION, US  
[22] 2015-05-06  
[41] 2015-11-30  
[30] US (62/005,135) 2014-05-30  
[30] US (14/701,899) 2015-05-01

[21] **2,891,864**  
[13] A1

[51] **Int.Cl. B64C 11/32 (2006.01) B64C**  
**11/06 (2006.01)**  
[25] EN  
[54] **VARIABLE-PITCH ROTOR WITH**  
**REMOTE COUNTERWEIGHTS**  
[54] **ROTOR A PAS VARIABLE DOTE**  
**DE CONTREPOIDS ELOIGNES**  
[72] NIERGARTH, DANIEL ALAN, US  
[72] MILLER, BRANDON WAYNE, US  
[72] BRADLEY, DONALD ALBERT, US  
[71] GENERAL ELECTRIC COMPANY,  
US  
[22] 2015-05-21  
[41] 2015-11-30  
[30] US (62/005,572) 2014-05-30

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[21] **2,891,871**  
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01) A61B 5/00 (2006.01) A61B 6/00 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR SELECTING READERS FOR THE ANALYSIS OF RADIOLOGY ORDERS USING ORDER SUBSPECIALTIES**

[54] **METHODE ET MECANISME DE SELECTION DE LECTEURS EN VUE DE L~ANALYSE DE DEMANDES DE RADIOLOGIE A L~AIDE DE SURSPECIALITE ASSOCIEE A LA DEMANDE**

[72] CHUNG, DESMOND RYAN, CA  
[72] LAM, ELIZABETH, CA  
[71] INTELERAD MEDICAL SYSTEMS INCORPORATED, CA

[22] 2015-05-15  
[41] 2015-11-30  
[30] US (62/005,227) 2014-05-30

[21] **2,891,977**  
[13] A1

[51] **Int.Cl. B64C 1/18 (2006.01)**

[25] EN

[54] **SLIDING CONNECTION BETWEEN THE FLOOR STRUCTURE AND THE HULL STRUCTURE OF AN AIRCRAFT**

[54] **RACCORD COULISSANT ENTRE LA STRUCTURE DE PLANCHER ET LA STRUCTURE DE COQUE D~UN AERONEF**

[72] DAZET, FRANCIS, FR  
[72] ANTYPAS, JEROME, FR  
[72] BEL, LAURENT, FR  
[72] DELORME, PHILIPPE, FR  
[72] BRISBART, RAPHAEL, FR  
[71] AIRBUS OPERATIONS (SAS), FR

[22] 2015-05-14  
[41] 2015-11-30  
[30] FR (14 54 912) 2014-05-30

[21] **2,891,983**  
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01) A61B 6/00 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR SELECTING READERS FOR THE ANALYSIS OF RADIOLOGY ORDERS USING DUE-IN-TIME REQUIREMENTS OF RADIOLOGY ORDERS**

[54] **METHODE ET MECANISME DE SELECTION DE LECTEURS EN VUE DE L~ANALYSE DE DEMANDES DE RADIOLOGIE A L~AIDE DE CONDITIONS TEMPORELLES DE DEMANDES DE RADIOLOGIE**

[72] LAM, ELIZABETH, CA  
[72] CHUNG, DESMOND RYAN, CA  
[71] INTELERAD MEDICAL SYSTEMS INCORPORATED, CA

[22] 2015-05-15  
[41] 2015-11-30  
[30] US (62/005,227) 2014-05-30

[21] **2,892,136**  
[13] A1

[51] **Int.Cl. C08J 5/18 (2006.01) C08L 53/00 (2006.01) C08F 297/06 (2006.01)**

[25] EN

[54] **SELF-ASSEMBLED STRUCTURE AND MEMBRANE COMPRISING BLOCK COPOLYMER AND PROCESS FOR PRODUCING THE SAME BY SPIN COATING (VA)**

[54] **STRUCTURE AUTOASSEMBLEE ET MEMBRANE COMPORTANT UN COPOLYMER SEQUENCE ET PROCEDE DE PRODUCTION ASSOCIE A L~AIDE DE TECHNIQUE DE DEPOT PAR ROTATION (VA)**

[72] AAMER, KHALED ABDEL-HAKIM HELMY, US  
[72] SHI, SELINA, US  
[71] PALL CORPORATION, US

[22] 2015-05-15  
[41] 2015-11-30  
[30] US (14/292,193) 2014-05-30

[21] **2,892,415**  
[13] A1

[51] **Int.Cl. C08F 297/06 (2006.01) C08F 8/04 (2006.01) C08J 5/18 (2006.01) C08J 9/00 (2006.01)**

[25] EN

[54] **SELF-ASSEMBLING POLYMERS - VI**

[54] **POLYMERES AUTOASSEMBLANT - VI**

[72] AAMER, KHALED ABDEL-HAKIM HELMY, US  
[71] PALL CORPORATION, US

[22] 2015-05-15  
[41] 2015-11-30  
[30] US (14/292,751) 2014-05-30

[21] **2,892,416**  
[13] A1

[51] **Int.Cl. C08J 5/18 (2006.01) C08J 9/00 (2006.01) C08L 53/00 (2006.01) C08F 297/06 (2006.01)**

[25] EN

[54] **SELF-ASSEMBLED STRUCTURE AND MEMBRANE COMPRISING BLOCK COPOLYMER AND PROCESS FOR PRODUCING THE SAME BY SPIN COATING (VIA)**

[54] **STRUCTURE AUTOASSEMBLEE ET MEMBRANE COMPORTANT UN COPOLYMER SEQUENCE ET PROCEDE DE PRODUCTION ASSOCIE A L~AIDE DE TECHNIQUE DE DEPOT PAR ROTATION (VIA)**

[72] AAMER, KHALED ABDEL-HAKIM HELMY, US  
[72] SHI, SELINA, US  
[71] PALL CORPORATION, US

[22] 2015-05-15  
[41] 2015-11-30  
[30] US (14/292,320) 2014-05-30

**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,892,434**  
[13] A1

[51] **Int.Cl. B66F 9/12 (2006.01) B25J 15/10 (2006.01) B27B 29/02 (2006.01) B66C 1/22 (2006.01) B66F 11/00 (2006.01)**

[25] EN

[54] **A PICK-UP AND ALIGNMENT MECHANISM FOR LOGS AND A METHOD OF USE**

[54] **UN MECANISME DE RAMASSAGE ET ALIGNEMENT DE BILLOTS ET UNE METHODE D-UTILISATION**

[72] ZORN, GARY LEE, US

[71] ZORN, GARY LEE, US

[22] 2015-05-22

[41] 2015-11-30

[30] US (62/005,056) 2014-05-30

[30] US (14/713,679) 2015-05-15

[21] **2,892,634**  
[13] A1

[51] **Int.Cl. A61K 8/73 (2006.01) A61K 8/06 (2006.01) A61K 8/25 (2006.01) A61K 8/26 (2006.01) A61K 8/28 (2006.01) A61K 8/33 (2006.01) A61K 8/37 (2006.01) A61Q 15/00 (2006.01)**

[25] EN

[54] **DEODORANT ANTIPERSPIRANT COMPOSITIONS**

[54] **COMPOSITIONS ANTISUDORIFIQUES DEODORANTES**

[72] ANCONI, GLASIELA LEMOS, BR

[72] LOFFREDO, LUCIANA DE CASTRO MONTEIRO, BR

[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US

[22] 2015-05-26

[41] 2015-11-30

[30] US (62/005,010) 2014-05-30

[30] US (14/684,695) 2015-04-13

[21] **2,892,637**  
[13] A1

[51] **Int.Cl. A61K 8/73 (2006.01) A61K 8/31 (2006.01) A61K 8/37 (2006.01) A61Q 15/00 (2006.01)**

[25] EN

[54] **AEROSOL DEODORANT ANTIPERSPIRANT COMPOSITIONS**

[54] **COMPOSITIONS ANTISUDORIFIQUES DEODORANTES EN AEROSOL**

[72] ANCONI, GLASIELA LEMOS, BR

[72] LOFFREDO, LUCIANA DE CASTRO MONTEIRO, BR

[72] PASSERO, ALAN, BR

[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US

[22] 2015-05-26

[41] 2015-11-30

[30] US (62/005,016) 2014-05-30

[30] US (14/684,704) 2015-04-13

[21] **2,892,713**  
[13] A1

[51] **Int.Cl. H04M 3/56 (2006.01) G06Q 10/06 (2012.01) H04L 12/24 (2006.01) H04L 12/26 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR MANAGING INFRASTRUCTURE SYSTEMS**

[54] **SYSTEMES ET PROCEDES DE GESTION DE SYSTEMES D'INFRASTRUCTURE**

[72] TADEPALLI, VENU M., US

[72] ASTAFUROV, GEORGE, US

[72] YEMBRA, TEMIDAYO TEMIDOYO, US

[72] IMRAN, ASHEQ, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2015-05-29

[41] 2015-11-30

[30] US (14/292,595) 2014-05-30

[21] **2,892,717**  
[13] A1

[51] **Int.Cl. A45D 27/22 (2006.01) B26B 21/40 (2006.01)**

[25] EN

[54] **RAZOR CARTRIDGE DISPENSER**

[54] **DISTRIBUTEUR DE RECHARGES DE RASOIR**

[72] LEE, STUART HARVEY, US

[72] SCHAEPEPERS, JOCHEN RAINER, US

[71] HF GLOBAL, INC., US

[22] 2015-05-26

[41] 2015-11-30

[30] US (62/005,077) 2014-05-30

[30] US (14/720,119) 2015-05-22

[21] **2,892,898**  
[13] A1

[51] **Int.Cl. F03D 7/00 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR WIND TURBINE NACELLE-POSITION RECALIBRATION AND WIND DIRECTION ESTIMATION**

[54] **SYSTEMES ET METHODES DE REVISION DE LA POSITION DE LA NACELLE D'UNE EOLIENNE ET D'ESTIMATION DE LA DIRECTION DU VENT**

[72] GREGG, PETER ALAN, IN

[72] WILSON, MEGAN MICHELA, US

[72] CHANDRASHEKAR, SIDDHANTH, IN

[72] GUJJAR, VINEEL CHANDRAKANTH, IN

[72] SRIVASTAVA, MANISHA, US

[72] MCCULLOCH, COLIN CRAIG, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2015-05-28

[41] 2015-11-30

[30] US (14/291,140) 2014-05-30

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[21] **2,892,953**  
[13] A1

[51] **Int.Cl. H02K 5/132 (2006.01) H02K 5/16 (2006.01)**  
[25] EN  
[54] **MOTOR BEARING FOR ELECTRICAL SUBMERSIBLE MOTORS**  
[54] **ROULEMENT DE MOTEUR POUR MOTEURS ELECTRIQUES SUBMERSIBLES**  
[72] PARMETER, LARRY JAMES, US  
[72] LEAMY, BRETT D., US  
[72] ROBERTS, RANDY S., US  
[72] DAVIS, GREGORY AUSTIN, US  
[72] KENNER, JOHN VANDERSTAAY, US  
[71] SUMMIT ESP, LLC, US  
[22] 2015-05-27  
[41] 2015-11-30  
[30] US (62/005,520) 2014-05-30

[21] **2,893,094**  
[13] A1

[51] **Int.Cl. A41C 3/00 (2006.01) A41C 5/00 (2006.01)**  
[25] EN  
[54] **GARMENT AND METHOD OF MANUFACTURING SAME**  
[54] **VETEMENT ET METHODE DE FABRICATION ASSOCIEE**  
[72] LAU, MUN CHEE ANGELA, ZZ  
[71] CLOVER MYSTIQUE CO. LIMITED, HK  
[22] 2015-05-29  
[41] 2015-11-30  
[30] US (14/291,440) 2014-05-30

[21] **2,893,143**  
[13] A1

[51] **Int.Cl. B65F 1/14 (2006.01) B62B 1/24 (2006.01) B62B 5/00 (2006.01)**  
[25] EN  
[54] **ROLL-OUT CART WITH LID LATCH**  
[54] **CHARIOT DOTE D'UN LOQUET DE COUVERCLE**  
[72] BROKAW, KIM C., US  
[71] BROKAW INDUSTRIES, INC., US  
[22] 2015-05-29  
[41] 2015-11-30  
[30] US (62/005,690) 2014-05-30  
[30] US (62/020,388) 2014-07-02  
[30] US (14/724,249) 2015-05-28

[21] **2,893,150**  
[13] A1

[51] **Int.Cl. E21B 47/24 (2012.01) E21B 44/00 (2006.01)**  
[25] EN  
[54] **DOWNHOLE MWD SIGNAL ENHANCEMENT, TRACKING, AND DECODING**  
[54] **AMELIORATION, SUIVI ET DECODAGE DE SIGNAL MVD DE FOND DE Puits**  
[72] WHITE, MATTHEW A., US  
[72] WHITACRE, TIM, US  
[72] VAN STEENWYK, BRETT, US  
[72] YOUSSEF, MOHAMED, US  
[71] SCIENTIFIC DRILLING INTERNATIONAL, INC., US  
[22] 2015-05-29  
[41] 2015-11-30  
[30] US (62/005,843) 2014-05-30  
[30] US (62/072,805) 2014-10-30  
[30] US (14/723,414) 2015-05-27

[21] **2,893,154**  
[13] A1

[51] **Int.Cl. A61B 18/14 (2006.01) A61M 25/00 (2006.01)**  
[25] EN  
[54] **CATHETER WITH DISTAL SECTION HAVING SIDE-BY-SIDE LOOPS**  
[54] **CATHETER DOTE D'UNE SECTION DISTALE AYANT DES BOUCLES LATERALES**  
[72] HOITINK, RYAN, US  
[72] BASU, SHUBHAYU, US  
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL  
[22] 2015-05-28  
[41] 2015-11-30  
[30] US (14/292,635) 2014-05-30

[21] **2,893,164**  
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01) G06F 19/00 (2011.01)**  
[25] EN  
[54] **JOINT SURGERY TRIAGE TOOL**  
[54] **OUTIL DE TRIAGE DE CHIRURGIE D-ARTICULATION**  
[72] COOKE, T. DEREK V., CA  
[71] COOKE, T. DEREK V., CA  
[22] 2015-05-29  
[41] 2015-11-30  
[30] CA (2,853,012) 2014-05-30

[21] **2,893,165**  
[13] A1

[51] **Int.Cl. E06B 7/16 (2006.01)**  
[25] EN  
[54] **WEATHERSTRIP SEAL, METAL INSERT THEREFOR AND METHOD FOR MANUFACTURING THE SAME**  
[54] **JOINT COUPE-FROID, INSERTION METALLIQUE ASSOCIEE ET METHODE DE FABRICATION DUDIT JOINT**  
[72] BERNIER, MARIE-JOSEE, CA  
[72] LONGPRE, YANNICK, CA  
[71] WATERVILLE TG INC., CA  
[22] 2015-05-29  
[41] 2015-11-30  
[30] US (62/005,668) 2014-05-30

[21] **2,893,177**  
[13] A1

[51] **Int.Cl. B05B 15/02 (2006.01)**  
[25] EN  
[54] **SELF-CLEANING SPRINKLER**  
[54] **GICLEUR AUTONETTOYANT**  
[72] SMITH, KENJI, CA  
[72] SMITH, KIYOSHI, CA  
[72] BAILEY, KEVIN, CA  
[72] BAILEY, MATTHEW, CA  
[72] GIBBONS, DUNCAN J., CA  
[72] KIM, JOHN, CA  
[72] WILLIAMS, PATRICK, CA  
[71] RHIZA IRRIGATIONAL LTD, CA  
[22] 2015-05-29  
[41] 2015-11-30  
[30] US (62/005,291) 2014-05-30

[21] **2,893,179**  
[13] A1

[51] **Int.Cl. B60G 11/26 (2006.01)**  
[25] EN  
[54] **SUSPENSION SYSTEM FOR MOTOR VEHICLES**  
[54] **MECANISME DE SUSPENSION POUR VEHICULES A MOTEUR**  
[72] DRAPEAU, DANIEL, CA  
[71] EQUIPEMENTS FDS INC., CA  
[22] 2015-05-29  
[41] 2015-11-30  
[30] CA (2,853,773) 2014-05-30

**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,893,182**  
[13] A1

[51] **Int.Cl. D06F 37/00 (2006.01)**  
[25] EN  
[54] **LAUNDRY TREATMENT APPARATUS**  
[54] **APPAREIL DE TRAITEMENT DE LA LESSIVE**  
[72] LEE, JIHONG, KR  
[72] JEONG, KWANWOONG, KR  
[71] LG ELECTRONICS, INC., KR  
[22] 2015-05-29  
[41] 2015-11-30  
[30] KR (10-2014-0065892) 2014-05-30

[21] **2,893,188**  
[13] A1

[51] **Int.Cl. D06F 37/00 (2006.01)**  
[25] EN  
[54] **LAUNDRY TREATMENT APPARATUS**  
[54] **APPAREIL DE TRAITEMENT DE LA LESSIVE**  
[72] SANG, MINKYU, KR  
[72] HEO, KWANGCHUL, KR  
[71] LG ELECTRONICS INC., KR  
[22] 2015-05-29  
[41] 2015-11-30  
[30] KR (10-2014-0065884) 2014-05-30

[21] **2,893,231**  
[13] A1

[51] **Int.Cl. F41B 5/10 (2006.01) F41B 5/14 (2006.01)**  
[25] EN  
[54] **ARCHERY BOW WITH CIRCULAR STRING TRACK**  
[54] **ARC DOTE D'UNE FENTE DE CORDE CIRCULAIRE**  
[72] MCPHERSON, MATHEW A., US  
[72] SIMONDS, GARY L., US  
[71] MCPHERSON, MATHEW A., US  
[71] SIMONDS, GARY L., US  
[22] 2015-05-29  
[41] 2015-11-30  
[30] US (14/725468) 2015-05-29  
[30] US (62/005913) 2014-05-30

[21] **2,893,183**  
[13] A1

[51] **Int.Cl. D06F 39/00 (2006.01)**  
[25] EN  
[54] **LAUNDRY TREATMENT APPARATUS**  
[54] **APPAREIL DE TRAITEMENT DE LA LESSIVE**  
[72] LEE, JIHONG, KR  
[72] HEO, KWANGCHUL, KR  
[71] LG ELECTRONICS INC., KR  
[22] 2015-05-29  
[41] 2015-11-30  
[30] KR (10-2014-0065885) 2014-05-30  
[30] KR (10-2015-0069663) 2015-05-19

[21] **2,893,205**  
[13] A1

[51] **Int.Cl. D06F 39/00 (2006.01)**  
[25] EN  
[54] **LAUNDRY TREATMENT APPARATUS**  
[54] **APPAREIL DE TRAITEMENT DE LA LESSIVE**  
[72] SEO, JINWOO, KR  
[72] LEE, JIHONG, KR  
[71] LG ELECTRONICS INC., KR  
[22] 2015-05-29  
[41] 2015-11-30  
[30] KR (10-2014-0065883) 2014-05-30

[21] **2,893,234**  
[13] A1

[51] **Int.Cl. F41B 5/10 (2006.01) F41B 5/14 (2006.01)**  
[25] EN  
[54] **ARCHERY BOW CABLE MOUNTED PROTECTOR**  
[54] **PROTECTEUR INSTALLE SUR UN CABLE D'ARC**  
[72] MCPHERSON, MATHEW A., US  
[71] MCPHERSON, MATHEW A., US  
[22] 2015-05-29  
[41] 2015-11-30  
[30] US (14/725,262) 2015-05-29  
[30] US (62/005,913) 2014-05-30

[21] **2,893,187**  
[13] A1

[51] **Int.Cl. D06F 37/00 (2006.01)**  
[25] EN  
[54] **LAUNDRY TREATMENT APPARATUS**  
[54] **APPAREIL DE TRAITEMENT DE LA LESSIVE**  
[72] LEE, JIHONG, US  
[72] KIM, WOONSEONG, KR  
[71] LG ELECTRONICS INC., KR  
[22] 2015-05-29  
[41] 2015-11-30  
[30] KR (10-2014-0065891) 2014-05-30  
[30] KR (10-2015-0069662) 2015-05-19

[21] **2,893,213**  
[13] A1

[51] **Int.Cl. D06F 37/00 (2006.01)**  
[25] EN  
[54] **LAUNDRY TREATMENT APPARATUS**  
[54] **APPAREIL DE TRAITEMENT DE LA LESSIVE**  
[72] SEO, JINWOO, KR  
[72] LEE, JIHONG, KR  
[72] KIM, WOONSEONG, KR  
[71] LG ELECTRONICS INC., KR  
[22] 2015-05-29  
[41] 2015-11-30  
[30] KR (10-2014-0065894) 2014-05-30

[21] **2,893,246**  
[13] A1

[51] **Int.Cl. A47J 37/04 (2006.01) A47J 37/07 (2006.01)**  
[25] EN  
[54] **GRILL AND ROTISSERIE APPARATUS**  
[54] **APPAREIL DE GRILL ET ROTISSERIE**  
[72] JELLIS, DON, US  
[71] JELLIS, DON, US  
[22] 2015-06-01  
[41] 2015-11-30  
[30] US (62/005722) 2014-05-30

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[21] **2,893,311**  
[13] A1  
[51] **Int.Cl. B01D 33/48 (2006.01)**  
[25] EN  
[54] **CLEANING SYSTEMS AND METHODS FOR ROTARY SCREEN SEPARATORS**  
[54] **DISPOSITIFS DE NETTOYAGE ET METHODES DESTINES AUX TAMIS-SEPARATEURS ROTATIFS**  
[72] DEWAARD, DAVID, US  
[71] DARITECH, INC., US  
[22] 2015-06-01  
[41] 2015-11-30  
[30] US (62/005,910) 2014-05-30  
[30] US (14/726,848) 2015-06-01

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[21] **2,893,329**  
[13] A1  
[51] **Int.Cl. A47J 27/10 (2006.01) A47J 27/62 (2006.01) A47J 36/00 (2006.01) A47J 43/00 (2006.01) F24H 1/06 (2006.01) F24H 9/14 (2006.01) F24H 9/20 (2006.01)**  
[25] EN  
[54] **CODE TRANSLATION METHOD FOR PRECISION SOUS-VIDE COOKER DEVICE**  
[54] **METHODE DE TRADUCTION DE CODE POUR DISPOSITIF DE CUISSON DE PRECISION SOUS VIDE**  
[72] WU, JEFF, US  
[71] WU, JEFF, US  
[22] 2015-06-01  
[41] 2015-11-30  
[30] US (62/005/860) 2014-05-30  
[30] US (14/491,961) 2014-09-19

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[21] **2,893,335**  
[13] A1  
[51] **Int.Cl. A47J 27/10 (2006.01) A47J 27/62 (2006.01) A47J 36/00 (2006.01) A47J 43/00 (2006.01) F24H 1/06 (2006.01) F24H 9/14 (2006.01) F24H 9/20 (2006.01)**  
[25] EN  
[54] **SOUS-VIDE COOKER WITH IMAGE TRANSLATION FUNCTIONALITY**  
[54] **CUISEUR SOUS VIDE DOTE D'UNE FONCTIONNALITE DE TRADUCTION D'IMAGE**  
[72] WU, JEFF, US  
[71] WU, JEFF, US  
[22] 2015-06-01  
[41] 2015-11-30  
[30] US (62/005,875) 2014-05-30  
[30] US (14/491,961) 2014-09-19

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[21] **2,893,340**  
[13] A1  
[51] **Int.Cl. H02J 9/06 (2006.01) H02J 7/00 (2006.01) H05B 37/02 (2006.01)**  
[25] EN  
[54] **EMERGENCY LIGHTING SYSTEM**  
[54] **DISPOSITIF D~ECLAIRAGE D'URGENCE**  
[72] RODRIGUEZ, YAN, US  
[72] JOHNSON, JAMES C., US  
[72] ALTENBURGER, RAY, US  
[72] CARMICHAEL, RICHARD ALLEN, US  
[72] MAVIS, DEAN, US  
[71] ABL IP HOLDING LLC, US  
[22] 2015-06-01  
[41] 2015-11-30  
[30] US (62/005,341) 2014-05-30

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[21] **2,893,351**  
[13] A1  
[51] **Int.Cl. E04B 2/88 (2006.01)**  
[25] EN  
[54] **CURTAIN WALL SYSTEM AND METHOD**  
[54] **SYSTEME DE MUR-RIDEAU ET METHODE**  
[72] LOYD, STEPHEN N., US  
[71] STEPHEN N. LOYD IRREVOCABLE FAMILY TRUST, US  
[22] 2015-05-28  
[41] 2015-11-29  
[30] US (14/290,069) 2014-05-29

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[21] **2,893,354**  
[13] A1  
[51] **Int.Cl. H01P 1/18 (2006.01) H01P 1/06 (2006.01) H01P 3/16 (2006.01)**  
[25] EN  
[54] **PHASE SHIFTER**  
[54] **DISPOSITIF DE DECALAGE DE PHASE**  
[72] ABDELLATIF, AHMED SHEHATA, CA  
[72] TAEB, AIDIN, CA  
[72] RANJKESH, NAZY, CA  
[72] GIGOYAN, SUREN, CA  
[72] ABDELAZIZ, AHMED KAMAL SAID, CA  
[72] SAFAVI-NAEINI, SAFIEDDIN, CA  
[71] C-COM SATELLITE SYSTEMS INC., CA  
[22] 2015-05-29  
[41] 2015-11-30  
[30] CA (2,852,858) 2014-05-30

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[13] A1  
[51] **Int.Cl. A47J 27/10 (2006.01) A47J 27/62 (2006.01) A47J 36/00 (2006.01) A47J 43/00 (2006.01) F24H 1/06 (2006.01) F24H 9/14 (2006.01) F24H 9/20 (2006.01)**  
[25] EN  
[54] **EVENT TRACKING PRECISION SOUS VIDE COOKER DEVICE**  
[54] **APPAREIL DE CUISSON SOUS VIDE DE PRECISION A SUIVI D'EVENEMENT**  
[72] WU, JEFF, US  
[71] WU, JEFF, US  
[22] 2015-06-01  
[41] 2015-11-30  
[30] US (62/005,844) 2014-05-30  
[30] US (14/491,961) 2014-09-19

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[21] **2,893,382**  
[13] A1

[51] **Int.Cl. B63H 25/42 (2006.01) B63H 5/15 (2006.01) B63H 25/08 (2006.01)**

[25] EN

[54] **HIGH MANEUVERABILITY STEERING SYSTEM FOR WORK BOATS AND OTHER WATERCRAFT**

[54] **MECANISME DE DIRECTION FACILEMENT MAN-UVRABLE POUR BATEAUX DE TRAVAIL ET AUTRES EMBARCATIONS**

[72] BATTLE, ZACHERY B., US

[71] MAVRIK MARINE INC., US

[22] 2015-06-01

[41] 2015-11-30

[30] US (61/997,404) 2014-05-30

[21] **2,893,394**  
[13] A1

[51] **Int.Cl. F16L 37/091 (2006.01) F16L 21/08 (2006.01)**

[25] EN

[54] **PUSH-TO-CONNECT FITTING INTEGRATED PACKING ARRANGEMENT, DEVICE AND METHODS**

[54] **DISPOSITION DE PAQUETAGE INTEGRE DE RACCORD A POUSSEE, DISPOSITIF ET METHODES ASSOCIES**

[72] CROMPTON, DAVID B., US

[72] DIAS, LIBARDO OCHOA, US

[71] QUICK FITTING, INC., US

[22] 2015-05-29

[41] 2015-11-30

[30] US (14/291,740) 2014-05-30

[21] **2,893,395**  
[13] A1

[51] **Int.Cl. H04N 5/275 (2006.01) H04N 5/341 (2011.01) G06T 7/00 (2006.01)**

[25] EN

[54] **PHOTOGRAPHIC SCENE REPLACEMENT SYSTEM**

[54] **SYSTEME DE REMPLACEMENT DE SCENE PHOTOGRAPHIQUE**

[72] BENSON, KEITH A., US

[71] LIFETOUCH INC., US

[22] 2015-05-29

[41] 2015-11-30

[30] US (14/292,267) 2014-05-30

[21] **2,893,492**  
[13] A1

[51] **Int.Cl. H02K 5/02 (2006.01) F04D 29/42 (2006.01)**

[25] EN

[54] **MOTOR CASING FOR PUMPS, PARTICULARLY CENTRIFUGAL PUMPS AND PERIPHERAL CENTRIFUGAL PUMPS**

[54] **ENVELOPPE DE MOTEUR DESTINEE AUX POMPES, NOTAMMENT LES POMPES CENTRIFUGES ET LES POMPES CENTRIFUGES PERIPHERIQUES**

[72] SINICO, FRANCESCO, IT

[72] CAILOTTO, PIETRO, IT

[71] DAB PUMPS S.P.A., IT

[22] 2015-05-28

[41] 2015-11-30

[30] IT (PD2014A000134) 2014-05-30

[21] **2,893,500**  
[13] A1

[51] **Int.Cl. A47J 27/10 (2006.01) A47J 27/62 (2006.01) A47J 36/00 (2006.01) A47J 43/00 (2006.01) F24H 1/06 (2006.01) F24H 9/14 (2006.01) F24H 9/20 (2006.01)**

[25] EN

[54] **COMBINATION COOKER WITH SOUS VIDE FUNCTIONALITY**

[54] **CUISEUR COMBINE AYANT UNE FONCTIONNALITE DE MISE SOUS VIDE**

[72] WU, JEFF, US

[71] WU, JEFF, US

[22] 2015-06-01

[41] 2015-11-30

[30] US (62/005,885) 2014-05-30

[30] US (14/491,961) 2014-09-19

[21] **2,906,822**  
[13] A1

[51] **Int.Cl. B65H 35/07 (2006.01) B65H 37/00 (2006.01)**

[25] FR

[54] **DISTRIBUTOR FOR ADHESIVE MEMBRANE (SURFACE GLOVE)**

[54] **DISTRIBUTRICE DE MEMBRANE AVEC ADHESIVE (GANT DE SURFACE)**

[72] STANLEY, WALTER, CA

[71] STANLEY, WALTER, CA

[22] 2015-10-06

[41] 2015-12-09

[21] **2,912,785**  
[13] A1

[51] **Int.Cl. A62C 35/68 (2006.01) A62C 37/11 (2006.01)**

[25] EN

[54] **SPRINKLER ASSEMBLY FOR ATTACHMENT TO A PIPING SYSTEM**

[54] **ENSEMBLE DIFFUSEUR DESTINE A ETRE FIXE SUR UN SYSTEME DE TUYAUTERIE**

[72] ORR, SHAWN G., US

[72] FRANSON, SCOTT T., US

[71] THE VIKING CORPORATION, US

[22] 2011-08-02

[41] 2012-08-02

[62] 2,817,833

[30] US (13/014,470) 2011-01-26

[21] **2,913,464**  
[13] A1

[51] **Int.Cl. A44C 21/00 (2006.01) G06K 19/07 (2006.01) G07F 1/06 (2006.01)**

[25] EN

[54] **CHIP WITH INSERT INCLUDING AN ELECTRONIC MICROCHIP**

[54] **PUCE DOTEE D'UNE INSERTION COMPRENANT UNE MICROPUCE ELECTRONIQUE**

[72] CHAPET, PIERRE, FR

[72] CHARLIER, GERARD, FR

[71] GAMING PARTNERS INTERNATIONAL, FR

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[41] 2007-05-09

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[13] A1

[51] **Int.Cl. C10G 1/04 (2006.01)**  
[25] EN  
[54] **INTEGRATED PROCESSES FOR RECOVERY OF HYDROCARBON FROM OIL SANDS**  
[54] **PROCEDES INTEGRES POUR LA RECUPERATION DES HYDROCARBURES DANS LES SABLES BITUMINEUX**  
[72] PIERRE, FRITZ, JR, US  
[72] ADEYINKA, OLUSOLA B., CA  
[72] SPEIRS, BRIAN C., CA  
[72] ESMAEILI, PAYMAN, CA  
[72] MYERS, RONALD D., CA  
[72] ALVAREZ, EMILIO, US  
[71] IMPERIAL OIL RESOURCES LIMITED, CA  
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US  
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[41] 2011-11-21  
[62] 2,832,931  
[30] CA (2,704,927) 2010-05-21

[21] **2,913,798**  
[13] A1

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[25] EN  
[54] **FLUID CONTAINMENT AND MANAGEMENT SYSTEM**  
[54] **SYSTEME DE RETENTION ET DE GESTION DES FLUIDES**  
[72] NOLT, DAVID A., US  
[71] D.A. NOLT, INC., US  
[22] 2012-10-05  
[41] 2013-04-11  
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[30] US (61/627,297) 2011-10-07  
[30] US (61/685,647) 2012-03-21

[21] **2,913,816**  
[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/134 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS OF DIVERTING FLUIDS IN A WELLBORE USING DESTRUCTIBLE PLUGS**  
[54] **SYSTEMES ET PROCEDES DE DEVIATION DE FLUIDES DANS UN Puits DE FORAGE A L'AIDE DE BOUCHONS DESTRUCTIBLES**  
[72] ENTCHEV, PAVLIN B., US  
[72] SOREM, WILLIAM A., US  
[72] WANG, ZHIHUA, NO  
[72] BAKER, DAVID A., US  
[72] MONTGOMERY, JOHN K., US  
[72] MERCER, LARRY, QA  
[72] PETRIE, DENNIS H., US  
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US  
[71] RASGAS COMPANY LIMITED, QA  
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[13] A1

[51] **Int.Cl. B66B 7/06 (2006.01) D07B 1/04 (2006.01)**  
[25] EN  
[54] **ROPE FOR HOISTING MACHINE, ELEVATOR AND USE**  
[54] **CABLE POUR MACHINE DE LEVAGE, ELEVATEUR ET UTILISATION**  
[72] PELTO-HUIKKO, RAIMO, FI  
[72] VALJUS, PETTERI, FI  
[72] HONKANEN, JUHA, FI  
[72] SJODAHL, KIM, FI  
[71] KONE CORPORATION, FI  
[22] 2009-01-15  
[41] 2009-07-23  
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[13] A1

[51] **Int.Cl. B65D 81/34 (2006.01) A23L 5/00 (2016.01) B65D 30/20 (2006.01) B65D 65/02 (2006.01) A23L 7/161 (2016.01)**  
[25] EN  
[54] **MICROWAVE POPCORN PACKAGE; METHODS AND PRODUCT**  
[54] **EMBALLAGE DE POPCORN POUR APPAREIL A MICRO-ONDES, ET PROCEDES ET PRODUIT ASSOCIES**  
[72] GORMAN, CHARLES THOMAS, US  
[72] WAROSH, PAUL JOHN, US  
[71] CONAGRA FOODS RDM, INC., US  
[22] 2008-01-07  
[41] 2008-07-17  
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[30] US (60/879,142) 2007-01-08

[21] **2,914,271**  
[13] A1

[51] **Int.Cl. H01R 13/717 (2006.01) H02J 9/02 (2006.01)**  
[25] EN  
[54] **CONFIGURABLE SAFETY LIGHT RECEPTACLE**  
[54] **PRISE DE LAMPE DE SECURITE CONFIGURABLE**  
[72] MISENER, DONALD LOWELL, CA  
[71] CALM TECHNOLOGIES INC., CA  
[22] 2007-08-31  
[41] 2008-03-26  
[62] 2,887,257  
[30] US (60/847,185) 2006-09-26

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[13] A1

[51] **Int.Cl. F16K 31/60 (2006.01) F16K 11/00 (2006.01) F16K 31/02 (2006.01) G05G 1/10 (2006.01)**  
[25] EN  
[54] **FAUCET HANDLE WITH ANGLED INTERFACE**  
[54] **POIGNEE DE ROBINET PRESENTANT UNE INTERFACE INCLINEE**  
[72] DAVIDSON, KYLE, US  
[72] THOMAS, KURT J., US  
[72] BROWN, DEREK A., US  
[72] SHAW, RYAN J., US  
[71] DELTA FAUCET COMPANY, US  
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[41] 2013-01-17  
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[13] A1

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[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  
[71] KAH, CARL L.C., JR., US  
[22] 2003-05-12  
[41] 2003-11-20  
[62] 2,817,889  
[30] US (60/379,871) 2002-05-10

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[13] A1

[51] **Int.Cl. F21V 7/00 (2006.01) F21K 9/68 (2016.01) F21V 7/04 (2006.01) F21V 15/015 (2006.01)**  
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[54] **INDIRECT LIGHTING LUMINAIRE**  
[54] **LUMINAIRE A ECLAIRAGE INDIRECT**  
[72] BOYER, JOHN D., US  
[72] HUTCHENS, DANIEL, US  
[72] WRIGHT, TRAVIS MONTGOMERY, US  
[71] LSI INDUSTRIES, INC., US  
[22] 2014-02-25  
[41] 2014-10-02  
[62] 2,870,386  
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[51] **Int.Cl. A61M 16/00 (2006.01) A61F 5/56 (2006.01) A61M 16/10 (2006.01)**  
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[54] **AUTOTITRATING METHOD AND APPARATUS**  
[54] **PROCEDE ET APPAREIL D'AUTOTITRAGE**  
[72] GRADON, LEWIS GEORGE, NZ  
[72] WHITING, DAVID ROBIN, NZ  
[72] GERRED, ANDREW GORDON, NZ  
[72] SMITH, GREGORY MARTYN, NZ  
[72] ANDERSON, FIONA ELISABETH, NZ  
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ  
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[41] 2006-02-09  
[62] 2,576,171  
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[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 47/32 (2006.01) G02B 1/04 (2006.01) G02C 7/04 (2006.01)**  
[25] EN  
[54] **OCULAR DEVICES AND METHODS OF MAKING AND USING THEREOF**  
[54] **DISPOSITIFS OCULAIRES ET PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES**  
[72] PRUITT, JOHN DALLAS, US  
[72] WINTERTON, LYNN COOK, US  
[72] LALLY, JOHN MARTIN, US  
[71] NOVARTIS AG, CH  
[22] 2007-11-05  
[41] 2008-06-19  
[62] 2,668,576  
[30] US (60/864,428) 2006-11-06

[21] **2,914,873**  
[13] A1

[51] **Int.Cl. H04W 28/04 (2009.01) H04W 72/06 (2009.01) H04W 72/12 (2009.01) H04W 52/02 (2009.01)**  
[25] EN  
[54] **RANK INDICATOR TRANSMISSION DURING DISCONTINUOUS RECEPTION**  
[54] **TRANSMISSION D'INDICATEUR DE RANG PENDANT UNE RECEPTION DISCONTINUE**  
[72] YU, YI, US  
[72] WOMACK, JAMES EARL, US  
[72] CAI, ZHIJUN, US  
[71] BLACKBERRY LIMITED, CA  
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[41] 2009-10-01  
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[30] US (12/058,444) 2008-03-28

[21] **2,914,966**  
[13] A1

[51] **Int.Cl. C07D 311/06 (2006.01) A61K 31/366 (2006.01) A61K 31/4025 (2006.01) A61K 31/4155 (2006.01) A61K 31/4184 (2006.01) A61K 31/427 (2006.01) A61K 31/428 (2006.01) A61K 31/4433 (2006.01) A61K 31/472 (2006.01) A61K 31/4725 (2006.01) A61K 38/45 (2006.01) C07D 217/02 (2006.01) C07D 235/04 (2006.01) C07D 263/54 (2006.01) C07D 307/78 (2006.01) C07D 311/22 (2006.01) C07D 333/52 (2006.01) C07D 417/04 (2006.01)**  
[25] EN  
[54] **IRE-1ALPHA INHIBITORS**  
[54] **INHIBITEURS DE L'IRE-1 ALPHA**  
[72] ZENG, QINGPING, US  
[72] TORO, ANDRAS, US  
[72] PATTERSON, JOHN BRUCE, US  
[72] ZUBOVICS, ZOLTAN, US  
[72] YANG, YUN, US  
[72] WU, ZHIPENG, US  
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[71] MANKIND CORPORATION, US  
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[54] **CONDENSING SKELETAL IMPLANT THAT FACILITATE INSERTION**  
[54] **IMPLANT SQUELETTIQUE A CONDENSATION FACILITANT L'INTRODUCTION**  
[72] FROMOVICH, OPHIR, IL  
[72] JACOBY, YUVAL, IL  
[72] BICHACHO, NITZAN, IL  
[72] KARMON, BEN-ZION, IL  
[71] NOBEL BIOCARE SERVICES AG, CH  
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[30] IL (156033) 2003-05-21

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[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 17/295 (2006.01)**  
[25] EN  
[54] **SURGICAL STAPLING AND CUTTING DEVICE AND METHOD FOR USING THE DEVICE**  
[54] **DISPOSITIF CHIRURGICAL D'AGRAFAGE ET DE COUPE, PROCEDE D'UTILISATION DUDIT DISPOSITIF**  
[72] SMITH, KEVIN W., US  
[72] PALMER, MATTHEW A., US  
[72] KLINE, KOREY ROBERT, US  
[72] DEVILLE, DEREK DEE, US  
[71] ETHICON ENDO-SURGERY, INC., US  
[22] 2006-07-25  
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[30] US (60/702,643) 2005-07-26  
[30] US (60/760,000) 2006-01-18  
[30] US (60/811,950) 2006-06-08  
[30] US (11/491,626) 2006-07-24

[21] **2,915,117**  
[13] A1

[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  
[71] DRINKING BIRD SOFTWARE LTD., CA  
[22] 2009-03-25  
[41] 2009-11-05  
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[13] A1

[51] **Int.Cl. H03K 17/78 (2006.01) H01L 31/04 (2014.01)**  
[25] EN  
[54] **OPTICALLY POWERED DRIVE CIRCUIT AND METHOD FOR CONTROLLING A SEMICONDUCTOR SWITCH**  
[54] **CIRCUIT D'ATTAQUE OPTIQUE ET METHODE DE COMMANDE D'UN INTERRUPTEUR A SEMI CONDUCTEUR**  
[72] SCHUTTEN, MICHAEL JOSEPH, US  
[72] STEIGERWALD, ROBERT LOUIS, US  
[72] KOSTE, GLEN PETER, US  
[72] NASADOSKI, JEFFREY JOSEPH, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2006-11-02  
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[13] A1

[51] **Int.Cl. A61K 31/513 (2006.01) A61K 31/485 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **USE OF OPIOID ANTAGONISTS TO ATTENUATE ENDOTHELIAL CELL PROLIFERATION AND MIGRATION**  
[54] **UTILISATION D'ANTAGONISTES DES OPIOIDES POUR ATTENUER LA PROLIFERATION ET LA MIGRATION DES CELLULES ENDOTHELIALES**  
[72] MOSS, JONATHAN, US  
[72] LINGEN, MARK, US  
[72] SINGLETON, PATRICK A., US  
[72] GARCIA, JOE G.N., US  
[72] YUAN, CHUN-SU, US  
[71] THE UNIVERSITY OF CHICAGO, US  
[22] 2007-04-17  
[41] 2007-10-25  
[62] 2,649,710  
[30] US (11/379,010) 2006-04-17

[21] **2,915,168**  
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) C12N 5/0783 (2010.01) A61K 39/385 (2006.01) A61K 39/39 (2006.01) A61P 37/02 (2006.01) A61P 37/04 (2006.01) A61P 37/06 (2006.01) C07K 7/08 (2006.01) C07K 14/47 (2006.01) C12N 5/10 (2006.01) C12N 15/12 (2006.01)**  
[25] EN  
[54] **REGULATORY T CELL EPITOPES, COMPOSITIONS AND USES THEREOF**  
[54] **EPITOPES DE LYMPHOCYTES T REGULATEURS, COMPOSITIONS ET UTILISATIONS DE CEUX-CI**  
[72] DE GROOT, ANNE, US  
[72] MARTIN, WILLIAM, US  
[72] RIVERA, DAN, US  
[71] EPIVAX, INC., US  
[22] 2008-01-29  
[41] 2008-08-07  
[62] 2,677,073  
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[13] A1

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[25] EN  
[54] **A METHOD OF CONTROLLING UPLINK TRANSMISSION POWER IN A COMMUNICATIONS NETWORK**  
[54] **PROCEDE DE COMMANDE DE PUISSANCE D'EMISSION EN LIAISON MONTANTE DANS UN RESEAU DE COMMUNICATION**  
[72] JOKINEN, HARRI, FI  
[72] RIDDINGTON, EDDIE, GB  
[71] NOKIA SOLUTIONS AND NETWORKS OY, FI  
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[41] 2011-03-03  
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[30] EP (PCT/EP2009/060946) 2009-08-25

[21] **2,915,225**  
[13] A1

[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/315 (2006.01)**  
[25] EN  
[54] **INJECTION DEVICE**  
[54] **DISPOSITIF D'INJECTION**  
[72] BOSTROM, ANDERS, SE  
[72] GABRIELSSON, ELIN, SE  
[71] SHL GROUP AB, SE  
[22] 2012-08-28  
[41] 2013-03-07  
[62] 2,846,491  
[30] SE (1150788-6) 2011-08-31  
[30] US (61/529,325) 2011-08-31

[21] **2,915,261**  
[13] A1

[51] **Int.Cl. G02F 1/1333 (2006.01) G02F 1/1335 (2006.01) G02F 1/13357 (2006.01) H05K 7/20 (2006.01) G02B 1/11 (2015.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR THERMALLY CONTROLLING AN ELECTRONIC DISPLAY**  
[54] **SYSTEME ET PROCEDE POUR REGULER THERMIQUEMENT UN AFFICHAGE ELECTRONIQUE**  
[72] DUNN, WILLIAM R., US  
[71] MANUFACTURING RESOURCES INTERNATIONAL, INC., US  
[22] 2008-11-17  
[41] 2009-05-22  
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[30] US (11/941,728) 2007-11-16  
[30] US (61/033,058) 2008-03-03  
[30] US (61/033,064) 2008-03-03  
[30] US (61/039,454) 2008-03-26  
[30] US (61/053,713) 2008-05-16  
[30] US (61/057,599) 2008-05-30  
[30] US (61/076,126) 2008-06-26  
[30] US (12/191,834) 2008-08-14  
[30] US (12/234,307) 2008-09-19  
[30] US (12/234,360) 2008-09-19  
[30] US (12/235,200) 2008-09-22  
[30] US (12/237,365) 2008-09-24  
[30] US (61/115,333) 2008-11-17

[21] **2,915,288**  
[13] A1

[51] **Int.Cl. B60T 15/36 (2006.01) B60T 15/00 (2006.01) B61H 13/34 (2006.01)**  
[25] EN  
[54] **BRAKE CYLINDER MAINTAINING VALVE**  
[54] **SOUPAPE DE MAINTIEN D'UN CYLINDRE DE FREIN**  
[72] CALL, DERICK, US  
[72] CONNELL, JASON, US  
[72] NEWTON, STEVEN R., US  
[71] NEW YORK AIR BRAKE LLC, US  
[22] 2013-10-16  
[41] 2014-04-24  
[62] 2,888,054  
[30] US (13/652,896) 2012-10-16  
[30] US (14/039,037) 2013-09-27

[21] **2,915,391**  
[13] A1

[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/723 (2013.01) H04L 12/28 (2006.01)**  
[25] EN  
[54] **PROVIDING ACCESS TO CONFIGURABLE PRIVATE COMPUTER NETWORKS**  
[54] **FOURNITURE D'ACCES A DES RESEAUX INFORMATIQUES PRIVES CONFIGURABLES**  
[72] BRANDWINE, ERIC JASON, US  
[72] BRANDWINE, CLARISSA LOREE COOK, US  
[72] COHN, DANIEL T., US  
[72] DOANE, ANDREW J., US  
[72] MOSES, CARL J., US  
[72] SCHMIDT, STEPHEN E., US  
[71] AMAZON TECHNOLOGIES INC., US  
[22] 2009-12-08  
[41] 2010-06-17  
[62] 2,744,720  
[30] US (12/332,214) 2008-12-10

# Index of Canadian Patents Issued

January 5, 2016

## Index des brevets canadiens délivrés

5 janvier 2016

3M INNOVATIVE PROPERTIES COMPANY	2,708,768	AKTIEBOLAGET SKF	2,759,014	ANIMA CELL METROLOGY	2,517,566
AARDOOM, RAPHAEL	2,706,071	ALANI, LAMAN	2,669,938	ANTICANCER, INC.	2,460,985
ABAD, CARLOS	2,816,695	ALBERS, REINHARD	2,610,459	API INTELLECTUAL PROPERTY HOLDINGS, LLC	2,887,149
ABBAS, RAAFAT	2,682,863	ALBRECHT, DANIEL S.	2,498,973	ARAI, YOKO	2,816,696
ABBELL AB	2,809,793	ALBRECHT, KLAUS	2,723,884	ARBEL, OMER	2,682,448
ABBOTT LABORATORIES	2,498,973	ALCON		ARCHER, STEPHEN	2,604,625
ABBOTT LABORATORIES	2,825,594	REFRACTIVEHORIZONS, INC.	2,687,547	ARDEA BIOSCIENCES, INC.	2,675,358
ABBOTT MEDICAL OPTICS INC.	2,668,727	ALCON, INC.	2,643,397	ARDEA BIOSCIENCES, INC.	2,802,692
ABBOTT MEDICAL OPTICS INC.	2,669,299	ALEX, PAUL ALAN	2,759,045	ARDIFF, HENRY G.	2,681,554
ABBVIE DEUTSCHLAND GMBH & CO KG	2,691,529	ALFA LAVAL CORPORATE AB	2,750,471	ARISTOTLE UNIVERSITY THESSALONIKI	2,627,107
ABBVIE INC.	2,669,938	ALFANO, NICHOLAS	2,683,449	ARKEMA FRANCE	2,604,287
ABDOLLAHI, MAHSHID ELLIE	2,780,702	ALI INDUSTRIES, INC.	2,697,783	ARKEMA FRANCE	2,664,250
ABE, SHINOBU	2,664,799	ALI, CHRISTOPHER	2,697,783	ARKEMA FRANCE	2,816,269
ABEL, RICHARD M.	2,604,287	ALI, FRANK F.	2,697,783	ARNTZ, CLAUDIA	2,628,678
ABERMAN, ZAMI	2,882,108	ALI, SYED	2,750,454	ARVIDSON, BRIAN D.	2,681,554
ABRAHAM, EYTAN	2,882,108	ALI, TERRY	2,697,783	ARZELIER, CLAUDE JEAN FREDERIC	2,735,043
ABSORBENT PRODUCTS LTD.	2,890,146	ALLACCEM, INCORPORATED	2,683,383	ARZNEIMITTEL GMBH APOTHEKER VETTER & CO. RAVENSBURG	2,728,117
ABSORBENT TECHNOLOGIES, INC.	2,693,796	ALLAWI, HATIM T.	2,654,016	ASAI, KUNIO	2,707,966
ADAM MICKIEWICZ UNIVERSITY	2,887,025	ALLEN, JONATHON SHANE	2,625,067	ASANO, SATOSHI	2,889,046
ADAM MICKIEWICZ UNIVERSITY	2,887,039	ALLER, THOMAS ARTHUR	2,653,286	ASAYAMA, YUTA	2,843,373
ADAM, MARK K.	2,819,998	ALLERGAN, INC.	2,724,848	ASTON, CHRISTOPHER J.	2,504,340
ADAMS, NEIL P.	2,776,876	ALLNEX AUSTRIA GMBH	2,694,096	ASTRIUM LIMITED	2,679,289
ADAMS, NEIL PATRICK	2,758,364	ALLNEX BELGIUM S.A.	2,723,464	ATOMIC ENERGY OF CANADA LIMITED	2,567,936
ADAMS, RALPH	2,584,222	ALMALKI, NAZIH	2,832,675	ATS BIOTECH INC.	2,660,984
ADDEX PHARMA S.A.	2,680,125	ALPA LUMBER INC.	2,708,592	ATTARWALA, SHABBIR	2,703,865
ADDEX PHARMA SA	2,704,436	ALSTOM TECHNOLOGY LTD	2,820,216	AUDENAERT, DOMINIQUE	2,670,458
ADDISON, PAUL STANLEY	2,766,887	ALTHORPE, CHRISTOPHER	2,705,001	AUDIOVOX CORPORATION	2,799,061
ADVANCED ACCELERATOR APPLICATIONS	2,625,436	ALTMAN, NATHAN	2,601,313	AUESTAD, NANCY	2,498,973
AGA, YASUHIRO	2,705,916	ALTMANN, ANDRES CLAUDIO	2,491,778	AUGOYARD, MARC	2,680,512
AGCO CORPORATION	2,707,080	ALVARADO, SANTIAGO, JR.	2,831,515	AUSDIAGNOSTICS PTY LTD.	2,545,613
AGHOLME, ASTRID	2,809,793	ALVES, RICARDO E.	2,676,925	AUTIO, KARI	2,715,807
AGRAWAL, AVNEESH	2,753,999	AMADEUS S.A.S.	2,667,399	AUVINEN, PERTTI	2,655,772
AHMAVAARA, KALLE I.	2,679,270	AMAZON TECHNOLOGIES, INC.	2,719,593	AVON PRODUCTS, INC.	2,706,107
AHMED, OSMAN	2,735,865	AMERICAN ALDES VENTILATION CORPORATION	2,570,948	AVON PRODUCTS, INC.	2,707,768
AIR CHINA LIMITED	2,783,793	AMERICAN SILVER, LLC	2,765,271	AVON PRODUCTS, INC.	2,707,942
AIR PRODUCTS AND CHEMICALS, INC.	2,827,865	AMERICAN TELECONFERENCING SERVICES, LTD.	2,672,517	AXELROD, GLEN S.	2,703,699
AIRBUS HELICOPTERS	2,847,592	AMOUROUX, CHRISTOPHE	2,729,333	AYLEN, PETER	2,890,146
AIRBUS HELICOPTERS DEUTSCHLAND GMBH	2,793,576	AMPHENOL CORPORATION	2,691,180	AYOUB, JOSEPH	2,621,034
AIRBUS OPERATIONS (S.A.S)	2,726,499	ANDERSON, ETHAN J.	2,713,150	B & W CUSTOM TRUCK BEDS, INC.	2,831,191
AIRBUS OPERATIONS	2,696,178	ANDERSSON, OVE LENNART	2,759,014	BABA, YUZO	2,889,046
AIRBUS OPERATIONS GMBH	2,706,218	ANDERSSON-ENGELS, STEFAN	2,505,642	BABIKIAN, DIKRAN S.	2,684,284
AIRBUS OPERATIONS LIMITED	2,686,725	ANDREWIN, KEVIN	2,683,449	BACA, MANUEL	2,703,544
AIRBUS OPERATIONS SAS	2,500,988	ANDRITZ TECHNOLOGY AND ASSET MANAGEMENT GMBH	2,673,380	BACH, JULIEN	2,794,131
		ANEW INSTITUTE SP. Z.O.O.	2,701,197	BADKE, GREGORY C.	2,834,795
				BAER, HANS	2,738,197
				BAIDYAROY, DIPNATH	2,776,170
				BAILEY, JESSICA A.	2,831,880

**Index des brevets canadiens délivrés  
5 janvier 2016**

BAILEY, WILLIAM JOHN	2,621,034	BAYON, YVES	2,632,294	BLACKBERRY LIMITED	2,545,940
BAKER HUGHES INCORPORATED	2,749,776	BEARDSLEY, JOHN	2,640,346	BLACKBERRY LIMITED	2,583,062
BAKER HUGHES INCORPORATED	2,804,435	BEARDSLEY, JOHN W.	2,650,352	BLACKBERRY LIMITED	2,589,373
BAKER HUGHES INCORPORATED	2,815,589	BEAULIEU, NICOLE M.	2,648,100	BLACKBERRY LIMITED	2,632,509
BAKER HUGHES INCORPORATED	2,819,653	BECKER, MORITZ Y.	2,658,132	BLACKBERRY LIMITED	2,683,449
BAKER HUGHES INCORPORATED	2,819,998	BECKIE, WILLIAM N.	2,815,986	BLACKBERRY LIMITED	2,708,673
BAKER HUGHES INCORPORATED	2,820,555	BEECKMAN, TOM	2,670,458	BLACKBERRY LIMITED	2,711,038
BAKER HUGHES INCORPORATED	2,827,132	BEKIARES, TYRONE D.	2,814,995	BLACKBERRY LIMITED	2,719,139
BAKER HUGHES INCORPORATED	2,829,901	BELISLE, DENIS	2,565,693	BLACKBERRY LIMITED	2,722,509
BAKER HUGHES INCORPORATED	2,831,228	BELL, PATRICK G.	2,815,986	BLACKBERRY LIMITED	2,722,643
BAKER HUGHES INCORPORATED	2,832,430	BELLARE, MIHIR	2,668,676	BLACKBERRY LIMITED	2,722,713
BAKER HUGHES INCORPORATED	2,833,405	BELLEMERE, PHILIPPE	2,680,512	BLACKBERRY LIMITED	2,735,043
BAKER HUGHES INCORPORATED	2,834,795	BENDIX COMMERCIAL VEHICLE SYSTEMS LLC	2,691,675	BLACKBERRY LIMITED	2,737,529
BAKER HUGHES INCORPORATED	2,807,471	BENHAM, SIMON L.	2,504,340	BLACKBERRY LIMITED	2,743,703
BALAS, KONSTANTINOS	2,652,010	BENZ, WALTER	2,567,936	BLACKBERRY LIMITED	2,756,523
BALDWIN FILTERS, INC.	2,707,690	BERARDI, ROGERIO	2,746,488	BLACKBERRY LIMITED	2,756,547
BALK, WOUTER	2,639,211	BERBIGUIER, LAURENT MICHEL ANDRE	2,550,784	BLACKBERRY LIMITED	2,758,364
BALLY, MARCEL	2,725,535	BERESCH, EDUARD	2,723,844	BLACKBERRY LIMITED	2,759,327
BARANIAK, DAGMARA	2,887,039	BERGE, JEROME	2,664,250	BLACKBERRY LIMITED	2,770,941
BARKER, EARL	2,641,094	BERGER, GISBERT	2,707,094	BLACKBERRY LIMITED	2,776,876
BARKER, EARL	2,700,099	BERGER, RALF	2,783,767	BLACKBERRY LIMITED	2,780,381
BARNES, JORDAN D.	2,722,509	BERGER, RYAN ROBERT	2,780,210	BLACKBERRY LIMITED	2,782,901
BARRY, ROBERT L.	2,587,909	BERGERON, CYRIL	2,656,453	BLACKBERRY LIMITED	2,784,551
BART, JACQUES RENE	2,550,784	BERLEMAN, ULRICH	2,777,777	BLACKBERRY LIMITED	2,791,486
BARTESAGHI, ANGELO	2,719,781	BERNARD, MARC	2,657,584	BLACKBERRY LIMITED	2,808,108
BARTON, ROGER	2,803,899	BERNDL, GUNTHER	2,669,938	BLACKBERRY LIMITED	2,810,691
BASF CATALYSTS LLC	2,661,564	BERRIOS CORNEJO, MIRIAM ROSA	2,822,314	BLACKBERRY LIMITED	2,811,570
BASF CATALYSTS LLC	2,679,599	BERSTIS, VIKTORS	2,564,389	BLACKBERRY LIMITED	2,832,675
BASF PLANT SCIENCE GMBH	2,659,993	BERTHEVAS, PAUL R.	2,676,264	BLANCHARD, KENNETH L.	2,715,972
BASF PLANT SCIENCE GMBH	2,665,336	BESEMER, ARIE CORNELIS	2,693,493	BLESSING, DONALD	2,833,991
BASF SE	2,625,067	BESSETTE, BRUNO	2,778,382	BLIER, KENNETH	2,640,346
BATTELLE MEMORIAL INSTITUTE	2,668,723	BETH ISRAEL DEACONESS MEDICAL CENTER, INC.	2,659,956	BLIER, KENNETH	2,838,528
BAUER SPEZIALTIEFBAU GMBH	2,821,150	BETTUCHI, MICHAEL	2,823,093	BLOCK, CHRISTOPH	2,628,678
BAUER, CHRISTOPH	2,668,949	BEUGELS, JEAN HUBERT MARIE	2,650,444	BLOEMENDAAL, BRENT J.	2,844,700
BAUER, JOERG	2,659,993	BEUM, HEE TAE	2,810,855	BLOMBERG, PETER	2,750,471
BAUER, JOERG	2,665,336	BEYER, MARIO	2,778,908	BLUEBEAM SOFTWARE, INC.	2,676,283
BAUGH, JOHN L.	2,819,998	BHATIA, SANJAY	2,780,702	BLUM, RONALD D.	2,655,349
BAUMHOF, ANDREAS	2,653,633	BHATNAGAR, ASHOK	2,681,554	BOBDE, NIKHIL	2,657,655
BAUST, JOHN G.	2,736,221	BIAIS, MAXIME	2,667,111	BOBRICK WASHROOM EQUIPMENT, INC.	2,684,284
BAUST, JOHN M.	2,736,221	BIALEK, JADWIGA MALGORZATA	2,686,963	BOCCI DESIGN & MANUFACTURING INC.	2,682,448
BAVARIAN NORDIC INC.	2,665,068	BIENERT, OLAF	2,760,718	BOCCIA, HENRI	2,629,779
BAXTER HEALTHCARE S.A.	2,801,118	BIO-RAD LABORATORIES, INC.	2,602,913	BOCIAN, ANDRZEJ M	2,848,947
BAXTER INTERNATIONAL INC.	2,801,118	BIOGEMMA	2,694,899	BODNER, RENATA F.	2,676,925
BAYER CONSUMER CARE AG	2,703,818	BIOMERIEUX, INC.	2,800,042	BOEBST, BENJAMIN	2,728,117
BAYER HEALTHCARE, LLC	2,419,905	BIORIGINAL FOOD & SCIENCE CORPORATION	2,659,993	BOECHAT, JOAO VICTOR	2,746,488
BAYER MATERIALSCIENCE LLC	2,610,459	BIOSENSE WEBSTER, INC.	2,491,778	BOETTGER, FRANK	2,728,117
BAYER, STEFAN	2,778,382	BIOSENSE WEBSTER, INC.	2,557,027	BOFF, JEFFREY M.	2,498,973
		BIOTEQ ENVIRONMENTAL TECHNOLOGIES INC.	2,700,467	BOMAN, ARNE	2,688,485
		BIRCHMORE, MARK STEVEN	2,817,626	BOMBARDIER TRANSPORTATION GMBH	2,663,585
		BIRD, LON I.	2,827,341	BOMGARDNER, CHARLES T.	2,832,702
		BIRUTIS, ANDRIUS S.	2,444,155	BONFILS, JEAN-MICHEL	2,643,919
		BISHOP, GORDON	2,665,209	BOONE, SCOTT	2,698,743
		BISHOP, JAMES CLEMENT	2,800,042	BORGENDALE, KENNETH WAYNE	2,650,169
		BJERKHOLT, BORRE	2,690,954	BORRETT, MARC	2,830,647
		BLACKBERRY LIMITED	2,525,357	BOSCHETTI, EGISTO	2,602,913
				BOSIO, MICHEL-JEAN	2,779,340
				BOSS, GREGORY JENSEN	2,663,232
				BOSTON SCIENTIFIC SCIMED, INC.	2,766,640

## Index of Canadian Patents Issued January 5, 2016

BOSWELL, EMILY CHARLOTTE	2,825,606	BURNS, BRENT J.	2,526,668	CHAPMAN, LEONARD T.	2,768,415
BOTTLENOSE, INC.	2,879,157	BURNS, CHRISTOPHER JOHN	2,701,959	CHAPMAN/LEONARD STUDIO EQUIPMENT, INC.	2,768,415
BOTTLENOSE, INC.	2,883,974	BYLYCIA, JENNIFER	2,890,146	CHARLES, KARA MARIE	2,795,637
BOUDREAUX, CHAD PAUL	2,568,577	BYRNE, NORMAN R.	2,723,140	CHARLTON, STEVEN C.	2,419,905
BOUILLOT, ANNE MARIE JEANNE	2,705,113	CADILA HEALTHCARE LIMITED	2,825,456	CHASE, PRESTON A.	2,669,545
BOULNOIS, JEAN-LUC	2,834,517	CAHILL, MATTHEW	2,852,664	CHAUMONT, GILLES	2,667,399
BOUNAUD, PIERRE-YVES	2,785,204	CAI, YAN	2,669,938	CHAVDA, KAVITA	2,620,428
BOURGAULT INDUSTRIES LTD.	2,859,184	CALCATERRA, FARRELL F.	2,707,690	CHEBEN, PAVEL	2,578,541
BOWER, BENJAMIN S.	2,597,980	CALIFORNIA INNOVATIONS INC.	2,444,155	CHEEKS, ROY	2,736,221
BP P.L.C.	2,705,720	CALIS, GIJSBERTUS HENDRIKUS MARIA	2,650,444	CHEN, GANG	2,663,232
BRACCO IMAGING S.P.A.	2,759,342	CALLAHAN, KEVIN S.	2,831,515	CHEN, HAUNN-LIN TONY	2,815,766
BRADLEY, HORACE EDDIE, JR.	2,679,004	CAMPBELL, EMMA MICHELLE	2,625,664	CHEN, JIAN	2,328,496
BRAJE, WILFRIED	2,691,529	CAMPIN, JOHN ALFRED	2,687,547	CHEN, JIANFENG	2,819,653
BRATTY, MICHAEL	2,700,467	CANADY, DANIEL	2,715,858	CHEN, NANCY XIUYIN	2,632,697
BRAUCHLE, JOERG	2,783,767	CANINE-LAB.INC.	2,799,516	CHEN, SHAU-LIN F.	2,661,564
BREE, JEAN-PIERRE	2,639,590	CANNIZZO, LOUIS F.	2,788,459	CHEN, WEIXING	2,691,180
BREESE, DUNCAN	2,759,045	CANRIG DRILLING TECHNOLOGY, LTD.	2,698,743	CHEN, YEN-FU	2,564,389
BREITENBACH, JOERG	2,669,938	CANTLEY, LEWIS C.	2,659,956	CHEN, YIYAN	2,817,871
BREMER, BRIAN	2,784,551	CARDIOPRECISION LIMITED	2,712,110	CHEVRON U.S.A. INC.	2,687,095
BREMNES, JARLE JANSEN	2,644,808	CARLOFF, RUDIGER	2,699,735	CHIN, DANNY	2,841,216
BRESLER, LEONID	2,801,232	CARLOFF, RUDIGER	2,699,057	CHO, SOON HAENG	2,810,855
BRESSOLLIER, PHILIPPE	2,646,892	CARLSON, DANIEL E.	2,817,634	CHO, SUNG HO	2,861,727
BREZNIKAR, JOZE	2,714,510	CARTER DAY INTERNATIONAL, INC.	2,767,412	CHOWDHRY, MUBARIK MAHMOOD	2,625,067
BRICQUET, CEDRIC	2,794,131	CASACCIA, LORENZO	2,679,270	CHRISTENSEN, LARS HYLLING	2,605,258
BRIDGEPORT FITTINGS, INC.	2,726,800	CASALE SA	2,667,956	CHRISTIAN M. PUTTLITZ CONSULTING, LLC	2,734,690
BRIDGEPORT FITTINGS, INC.	2,745,940	CASCADE CORPORATION	2,858,263	CHRISTIE, DAVID	2,625,067
BRINKER, RONALD J.	2,653,742	CASH, ALAN B.	2,589,995	CHRISTOFK, HEATHER R.	2,659,956
BRODDE, MARTIN	2,453,140	CASSIDY, ANDREW	2,766,887	CHUGAI SEIYAKU KABUSHIKI KAISHA	2,700,498
BROOK, FRANCES	2,350,210	CASTILLO, ROBERT O.	2,834,795	CHUNG, JAE HOON	2,787,254
BROUWER, GUSTAAF FRANS	2,564,894	CATALA, JEAN-LOUIS	2,500,988	CID-NUNEZ, JOSE MARIA	2,680,125
BROWN, ALLAN G.	2,814,995	CATHEDRAL ENERGY SERVICES LTD.	2,775,856	CID-NUNEZ, JOSE MARIA	2,704,436
BROWN, DAVID P.	2,694,173	CATTACIN, GILLES	2,643,765	CITTADINO, ANTONIO M.	2,526,668
BROWN, MICHAEL K.	2,776,876	CATTANEO, FIORENZO	2,504,340	CITTERIO, ATTILIO	2,759,342
BROWN, MICHAEL S.	2,776,876	CATTERALL, GREGORY JOHN	2,625,067	CIUFOLINI, MARCO	2,725,535
BRUGNER, NIKOLAUS	2,603,438	CAUDLE, MATTHEW TYLER	2,679,599	CJ CHEILJEDANG CORP.	2,767,410
BRUGO, MARIA ATTILIA	2,646,892	CAWIEZEL, KAY	2,829,901	CLARK, EDDIE W.	2,693,796
BRUMSICKLE, WILLIAM E.	2,687,696	CEDAR, JONATHAN	2,772,012	CLARK, KEITH R.	2,801,232
BRUNELLI, SILVIA	2,641,816	CELEWICZ, LECH	2,887,025	CLARK, LOUIS	2,776,170
BRUNENGO, PAOLO	2,667,956	CELEWICZ, LECH	2,887,039	CLARK, LOUIS	2,776,170
BRUNET, ANTOINE	2,718,847	CEM CORPORATION	2,645,085	CLARK, RICHARD	2,687,621
BRUSASCO, CATERINA	2,668,374	CENEDESE, ANGELO	2,687,768	CLARK, STANLEY R.	2,707,080
BRYANT, LAURIE A.	2,820,793	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2,569,545	CLEMENS, WOLFGANG	2,698,548
BUCHANAN, GAIL	2,719,880	CENTRO DE INVESTIGACION MINERA Y METALURGICA	2,787,724	CLEMENTI, EMILIO	2,641,816
BUCHMEIER, MICHAEL	2,644,262	CEREJA, NEVTON	2,676,925	CLOAREC, YVON	2,655,916
BUDNEY, DEAN	2,676,264	CHABRIER, STEPHANE	2,694,981	CMPD LICENSING, LLC	2,857,043
BUDZ, GREGORY D.	2,526,668	CHADBOURNE, CHRISTOPHER G.	2,638,402	CNH INDUSTRIAL CANADA, LTD.	2,648,452
BUECHLER, JOE	2,625,664	CHAE, EUN HEE	2,686,926	CNH INDUSTRIAL CANADA, LTD.	2,722,716
BUESCHER, THOMAS	2,833,991	CHAE, SANG MI	2,686,926	COATES, FREDRICA V.	2,780,101
BUGG, TREVOR	2,820,660	CHAHINE, MOHAMED	2,745,371	COCCHINI, FRANCO	2,704,241
BUGG, TREVOR	2,874,099	CHANDLER, RONALD L.	2,671,043	CODEXIS, INC.	2,776,170
BUJNICKI, JANUSZ MAREK	2,837,143	CHANG, ESTHER H.	2,638,899	COLE, JEFFREY D.	2,827,865
BULLARD, BRYAN	2,648,100	CHAPMAN, CHRIS	2,681,761	COLE, LORIN R.	2,757,004
BUNN-O-MATIC CORPORATION	2,632,063			COLGATE-PALMOLIVE COMPANY	2,838,826
BURGESS, KEVIN EDWARD	2,725,536			COLI, TODD	2,773,843
BURGESS, KEVIN EDWARD	2,726,843			COLLIAS, DIMITRIS IOANNIS	2,825,606
BURKE, JONAH S.	2,619,230			COLOTTE, BAPTISTE	2,621,711
BURKE, KEVIN CHARLES	2,658,829			COLSON, PIERRE-JEAN	2,678,073
BURLEY, BRENT	2,810,865				
BURNS, ANTHONY JAMES	2,825,606				

**Index des brevets canadiens délivrés  
5 janvier 2016**

COMBE, FLORIAN CHRISTIAN GREGORY	2,705,001	DANIEL, BERIAN JOHN	2,705,720	DOURTHE, CEDRIC	2,667,399
COMCAST IP HOLDINGS I, LLC, A DELAWARE LIMITED LIABILITY COMPANY	2,841,216	DANIEL, PIERRE	2,667,795	DOUVILLE, THOMAS	2,777,777
COMPAGNIE LAITIERE EUROPEENNE	2,650,495	DANIELS, STEVEN MATTHEW	2,733,443	DOWELL, ERIK W.	2,834,093
COMPTEL CORPORATION	2,651,922	DANISCO US INC.	2,597,980	DOWNTON, GEOFFREY C.	2,826,888
CONLEYMAX INC.	2,815,986	DANUSER LLC	2,823,769	DOZIER, STEVEN W.	2,801,073
CONRAD, PAUL KINGSLEY NEWTON	2,621,826	DASSONVILLE, DAGMAR	2,632,294	DR. KAMPRAD KG	2,576,385
CONSENSUM AS	2,630,188	DAVIDSON, BRETT CHARLES	2,725,328	DRELON, GODEFROY FRANCIS FREDERIC	2,643,538
CONTE, DOMINIQUE	2,540,093	DAVIS, WILLIAM E.	2,693,946	DRESCHER, KARLA	2,691,529
COOPERATIE AVEBE U.A.	2,704,845	DE RYBEL, BERT	2,670,458	DRIVE, MARINE	2,638,072
COOK, BRUCE R.	2,731,819	DE WAAL, DANIEL	2,648,100	DROZD, JAMES MICHAEL	2,758,110
COOPER, GARTH JAMES SMITH	2,632,697	DEANS, DOUGLAS BROOKS	2,611,800	DRYER, LAURENCE	2,707,768
COQUILLEAU, LAURENT	2,675,144	DEBRUYNE, LESLIE MARK	2,658,829	DSM IP ASSETS B.V.	2,650,444
CORBETT, JAMES J.	2,585,883	DEEGAN, DAVID	2,681,761	DU, ZHONGDA	2,664,633
CORCORAN, DEAN	2,587,909	DEELEY, JON MICHAEL STEWART	2,705,720	DUAN, DEHUI	2,665,933
CORNELL UNIVERSITY	2,713,150	DEFAUW, LARRY	2,714,360	DUFRESNES, THIERRY	2,667,399
CORR, STUART	2,826,626	DEGOTT, PIERRE	2,694,981	DUIGENAN, JOHN JUSTIN	2,650,169
CORR, STUART	2,851,026	DEKEL, ELIEZER	2,650,169	DULL, LAWRENCE	2,686,878
CORTEZ, STEVE MICHAEL	2,827,132	DEL GATTO, ANNARITA	2,625,436	DUMITRU, DAN	2,545,940
COSKUN, AHMET U.	2,644,319	DELCAIRE, ALAIN	2,665,068	DUNCAN, JEFFREY B.	2,737,161
COSSU, GIULIO	2,641,816	DELPRAT, PATRICK	2,664,250	DUNLOP, DWAYNE	2,826,501
COUET, BENOIT	2,621,034	DEMIR, HILMI VOLKAN	2,734,690	DUNN-COLEMAN, NIGEL	2,597,980
COUGHLIN, PETER K.	2,755,925	DEN BRINKER, ALBERTUS C.	2,778,382	DUNNE, PAUL	2,683,683
COULOMBE, STEPHANE	2,737,476	DENG, YONG	2,721,736	DUNPHY, BRANDON MATTHEW	2,825,606
COULTER, RYAN	2,683,723	DENIKE, RICHARD L.	2,582,521	DUNPHY, JAMES R.	2,608,800
COULTER, RYAN	2,683,725	DENSMORE, ADAM	2,578,541	DUNSMOIR, JOHN W.	2,564,389
COURTEMANCHE, ALAIN	2,828,614	DEPUY SYNTHES PRODUCTS, INC.	2,530,422	DURANT, TONY ALAN	2,745,275
COVEY, THOMAS	2,798,638	DERRENBERGER, MIKE ARTHUR	2,613,998	DURIG, THOMAS	2,686,035
COVIDIEN LP	2,630,565	DESCHENES, JOHANNE	2,565,693	DURY, VINCENT	2,621,034
COVIDIEN LP	2,881,570	DEUTSCHES ZENTRUM FUER LUFT-UND RAUMFAHRT E.V.	2,783,767	DUVEY, GUILLAUME ALBERT JACQUES	2,680,125
CRAIG, ANTHONY DUNCAN	2,679,289	DEWALD, MARK	2,715,858	E-VISION, LLC	2,655,349
CRAIG, CHAD A.	2,832,430	DEWITT, GARY M.	2,714,360	EAST CAROLINA UNIVERSITY	2,713,150
CRAMER, JEFFREY W.	2,685,825	DH TECHNOLOGIES DEVELOPMENT PTE. LTD	2,798,638	EATON, ROBERT	2,715,287
CRAN, BRIAN	2,587,909	DIALIGHT CORPORATION	2,836,580	EBERT, DETLEF	2,760,718
CRISCUOLO, CHRISTOPHER J.	2,823,093	DIASORIN IRELAND LIMITED	2,710,300	ECHOSTAR TECHNOLOGIES LLC	2,717,492
CRNKOVICH, MARTIN JOSEPH	2,844,234	DIETERLE, MARTIN	2,679,599	ECOLE DE TECHNOLOGIE SUPERIEURE	2,737,476
CROW, HOWARD M.	2,619,230	DIETZ, DENNIS R.	2,570,948	EDME, PASCAL	2,776,587
CROWN PACKAGING TECHNOLOGY, INC.	2,705,001	DIEWALD, GUENTHER	2,620,844	EDWARDS, CRAIG	2,668,727
CSL LIMITED	2,703,544	DIFRANCESCO, FRANCIS J.	2,687,621	EFAFLEX TOR-UND SICHERHEITSSYSTEME GMBH & CO. KG	2,714,510
CTB, INC.	2,744,520	DIGGINS, JARRET A.	2,608,891	EISENACHER, CHRISTIAN	2,810,865
CTB, INC.	2,844,700	DILLAWAY, BLAIR B.	2,658,132	EISSENSTAT, MICHAEL	2,665,933
CUELLAR, KYLE T.	2,764,282	DINGELDEIN, MARK S.	2,744,520	EKVALL, JOHAN	2,643,397
CULLIS, PIETER	2,725,535	DISH NETWORK L.L.C.	2,717,492	ELC MANAGEMENT LLC	2,830,978
CULLY, EDWARD H.	2,737,161	DISNEY ENTERPRISES, INC.	2,810,865	ELEKTROBIT WIRELESS COMMUNICATIONS OY	2,715,807
CULLY, EDWARD H.	2,817,029	DIVERSEY, INC.	2,841,532	ELLIS, BRIAN	2,698,743
CURLEY, ERIC J.	2,819,998	DIVERSITECH CORPORATION	2,796,430	ELLWOOD, PAMELA LEE	2,829,181
CURRY, JAMES, III	2,650,153	DOBAK, JOHN DANIEL	2,761,744	ELMER'S PRODUCTS INC.	2,808,029
CYTEC TECHNOLOGY CORP.	2,815,766	DOCKSER, KENNETH ALAN	2,649,857	EMERSON ELECTRIC CO.	2,833,991
D'ALESSI, FABIO	2,687,768	DOI, KAZUHISA	2,677,657	EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC.	2,745,275
D'SOUZA, RICHARD	2,637,965	DOLBY INTERNATIONAL AB	2,778,382	EMERSON RETAIL SERVICES INC.	2,499,201
DA SILVA FERREIRA ALVES, JOAO JORGE	2,850,604	DOLENTI, WILLIAM T.	2,817,634	EMRICH, BRYAN	2,767,704
DA SILVA, RON	2,525,173	DOMANSKI, CHRISTOPHER J.	2,808,029	ENDOCARE, INC.	2,736,221
DADA, EMMANUEL A.	2,713,346	DOMERCQ, OLIVIER	2,718,847		
DALEY, ROBERT D.	2,831,880	DOMINOWSKA, EWA	2,720,500		
DALZIEL, SEAN	2,678,073	DOOLEY, KEVIN ALLAN	2,727,184		
		DORCY, GERAUD	2,729,333		
		DORCY, YVES	2,729,333		
		DORSCHU, MARKO	2,650,444		
		DOSHI, RAJIV	2,653,139		

## Index of Canadian Patents Issued January 5, 2016

ENDOEVOOLUTION, LLC	2,687,621	FERNANDES, DESMOND		FUENZALIDA DIAZ, MIGUEL	
ENDOZO, JOSELITO	2,792,496	BRIAN	2,829,181	ANGEL	2,822,314
ENERGIZER BRANDS, LLC	2,752,824	FERREIRA, IAN P.	2,720,500	FUERST, THOMAS	2,738,197
ENGLISH, JASON B.	2,731,819	FERRIGATO, AURELIA	2,759,342	FUJII, NOBUYOSHI	2,705,916
ENGVALL, DANIEL	2,571,186	FERROFACTA GMBH	2,818,199	FUJIKAWA, MASANORI	2,558,111
ENVIRON SKIN CARE (PTY) LTD	2,829,181	FERRUGHELLI, DAVID T.	2,731,819	FUJIMOTO, MITSUO	2,829,737
ERDTMAN, THOMAS	2,630,188	FEZER, SUSAN F.	2,679,004	FUJIOKA, JUNZO	2,810,504
EREMA ENGINEERING		FIDIA FARMACEUTICI S.P.A.	2,692,191	FUJITA, YASUTAKA	2,677,657
RECYCLING MASCHINEN		FIELD, GEORGE RAYMOND	2,696,552	FUJITSU LIMITED	2,681,127
UND ANLAGEN		FIGLAR, BASTIAN	2,674,732	FUJITSU LIMITED	2,684,838
GESELLSCHAFT M.B.H.	2,712,053	FILVAROFF, ELLEN	2,328,496	FUKAYAMA, KENZO	2,841,689
ERGEN, CHARLES W.	2,717,492	FINKE, MELVIN A.	2,773,487	FUKUDA, MAKI	2,824,148
ESKAROS, SHERIF A.	2,829,097	FINVERS, IVARS	2,583,034	FUKUHARA, KAZUMI	2,829,737
ESMAEILI, JAVAD M.	2,780,702	FISH, LARRY	2,759,045	FUNG, SEK CHUNG	2,624,393
ESSEX, PAUL J.	2,643,397	FISHER, ROBERT	2,822,564	FURUKAWA HIRONORI	2,813,908
ESSILOR INTERNATIONAL		FISHER, ROBERT EARL	2,831,515	FUSO PHARMACEUTICAL	
(COMPAGNIE GENERALE		FITCH, BLAKE G.	2,605,374	INDUSTRIES, LTD.	2,843,373
D'OPTIQUE)	2,540,093	FIXTERI OY	2,687,074	FYKE, STEVEN HENRY	2,780,381
ETHICON ENDO-SURGERY, INC.	2,568,577	FLAK, ROBERT J.	2,858,263	GAILLARD, PATRICE	2,816,269
EVANS, JONATHAN ANDREW	2,811,570	FLAMEL TECHNOLOGIES	2,609,618	GAJRIA, AJAY	2,703,699
EVERSON, DAVID C.	2,829,097	FLAXAN GMBH & CO. KG	2,714,351	GALASSO, GIUSEPPE	2,704,241
EVOLUTION WELL		FLEISSMAN, LEONA GIAT	2,706,107	GALIVEL, JEAN PIERRE	2,621,711
SERVICES, LLC	2,773,843	FLESZEWSKI, VINCE S.	2,648,123	GALLANT, GUILLAUME	2,726,499
EVONIK DEGUSSA GMBH	2,636,749	FLETCHER, BERGEN ALBERT	2,756,547	GALZI, JEAN-LUC	2,569,545
EVONIK ROEHM GMBH	2,693,889	FLEURY, BYRON A.	2,817,634	GAMBHIRE, DHIRAJ	2,825,456
EVONIK ROEHM GMBH	2,699,057	FLOHR, DANIEL	2,830,426	GARABEDIAN, ROBERT	2,630,565
EVONIK ROEHM GMBH	2,699,735	FLOWERVE MANAGEMENT		GARAMSZEGI, LASZLO	2,569,878
EVONIK ROEHM GMBH	2,723,884	COMPANY	2,817,634	GARCIA, DAVID HARRY	2,879,128
EVONIK ROEHM GMBH	2,738,197	FLURY, KEITH M.	2,737,161	GARCIA-LOPEZ DE	
EVOQUA WATER		FOLDEN, THOMAS IRVIN	2,844,234	VICTORIA, MARIELIZ	2,816,695
TECHNOLOGIES LLC	2,530,805	FONTAINE, RICKY J.	2,809,124	GARDNER, GLENN P.	2,606,502
EVOQUA WATER		FOOD SAFETY		GARDNER, RICHARD	2,350,210
TECHNOLOGIES LLC	2,693,946	TECHNOLOGY, LLC	2,802,307	GARDNER, ROBIN P.	2,738,824
EXCHANGE IMAGING		FOOTE, ANDREW S.	2,449,240	GARRISON, MARK S.	2,707,942
TECHNOLOGIES GMBH	2,628,678	FOOTE, DEAN	2,775,856	GARVEY, DAVID S.	2,647,859
EXODUS TRAFFIC SYSTEMS		FOREMAN, MICHAEL		GATCO MANUFACTURING	
LTD.	2,792,311	CHRISTOPHER	2,727,534	INC.	2,696,222
EXXONMOBIL RESEARCH		FORREST, PAUL	2,663,585	GAUNT, ROBERT ANDREW	2,637,851
AND ENGINEERING		FORSBERG, MICHAEL A.	2,831,228	GAW, DEREK	2,719,593
COMPANY	2,731,819	FORTH PHOTONICS LIMITED	2,652,010	GAYAMA, SHINYO	2,675,970
FABIAN, MATTHEW GERARD	2,666,992	FOSTER, ANTHONY P.	2,834,795	GE-HITACHI NUCLEAR	
FACEBOOK, INC.	2,836,588	FOURNET, CEDRIC	2,658,132	ENERGY CANADA INC.	2,727,487
FACEBOOK, INC.	2,852,664	FOUTRAKIS, GEORGE N.	2,829,097	GEA FARM TECHNOLOGIES	
FACEBOOK, INC.	2,879,128	FOWLER, DAVID N.	2,823,093	CANADA INC./DIVISION	
FACUSSE, MARIO E.	2,766,115	FOX, STEPHEN J.	2,795,637	GEA HOULE	2,828,614
FAHMY, SAMER	2,583,062	FRANCHET, CHRISTEL ANNE	2,569,545	GEA FARM TECHNOLOGIES, INC.	2,824,654
FAIRCHILD, PAUL J.	2,350,210	FRATI, DANTE	2,583,070	GEIGER, RALF	2,778,382
FALCO, TONY	2,651,437	FRAUNHOFER-		GEISBERGER, MARTIN	2,694,096
FALK, BENJAMIN	2,809,280	GESELLSCHAFT ZUR		GELIN, JEAN ROBERT	2,846,543
FANNING, MARK JOSEPH	2,800,042	FOERDERUNG DER		GELLAND, TORSTEN A.	2,643,397
FARRAR, AMY L.	2,834,795	ANGEWANDTEN		GENENTECH, INC.	2,328,496
FARROW, SYLVIA MARIA	2,705,001	FORSCHUNG E.V.	2,778,382	GENENTECH, INC.	2,624,393
FASCIA CLOSURE SYSTEMS, LLC	2,569,878	FREEMAN, CEDRIC	2,801,232	GENERAL ELECTRIC	
FASTNACHT, KATJA	2,669,938	FREITAG, ERIC	2,772,012	COMPANY	2,596,777
FAUBERT, PERRY ALLAN	2,708,673	FRESENIUS MEDICAL CARE		GENERAL ELECTRIC	
FAVERO, CEDRICK	2,721,478	HOLDINGS, INC.	2,844,234	COMPANY	2,641,195
FEDERAL SIGNAL		FRETTA, ROBERTA	2,759,342	GENERAL ELECTRIC	
CORPORATION	2,648,123	FREY, WERNER	2,628,511	COMPANY	2,757,886
FELDMAN, CHARLES L.	2,644,319	FREZZA, RUGGERO	2,687,768	GENERAL ELECTRIC	
FENG, PAUL C. C.	2,653,742	FRIES, ROBERT G.	2,672,517	COMPANY	2,826,437
FENTON, PATRICK C.	2,826,983	FRIGGSTAD, TERRANCE A.	2,648,452	GENNARI, GIAMBATTISTA	2,687,768
		FRIGGSTAD, TERRANCE A.	2,859,184	GEORGE II, PAUL E.	2,668,723
		FUDE (BEIJING) CHEMICAL & INDUSTRY CO., LTD	2,859,723	GEORGETOWN UNIVERSITY	2,638,899

**Index des brevets canadiens délivrés  
5 janvier 2016**

GEORGIA-PACIFIC CONSUMER PRODUCTS LP	2,526,668	GOURNAY, PHILIPPE	2,778,382	HAINES, EDWIN LEE	2,611,800
GEORGIA-PACIFIC CONSUMER PRODUCTS LP	2,643,765	GOVARI, ASSAF	2,491,778	HAL-TECH LIMITED	2,748,512
GERGETS, PAUL M.	2,648,123	GRACEY, BENJAMIN PATRICK	2,705,720	HALL, TRAVIS S.	2,820,555
GERMAIN, ROBERT S.	2,605,374	GRANGER, DAVID BRADLEY	2,700,571	HALLIBURTON ENERGY SERVICES, INC.	2,760,495
GERMANN, HEINZ-PETER	2,706,325	GRAPHIC PACKAGING INTERNATIONAL, INC.	2,757,004	HALLIBURTON ENERGY SERVICES, INC.	2,805,173
GERNER, ANDREAS	2,704,795	GRASBOECK, ROSEMARIA	2,694,096	HALLIBURTON ENERGY SERVICES, INC.	2,829,928
GERSHINSKY, GIDON	2,650,169	GRATTON, MAX S.	2,717,492	HALLIBURTON ENERGY SERVICES, INC.	2,867,387
GERTZELL, BENGT	2,699,111	GRAVAGNA, PHILIPPE	2,632,294	HALLIDAY, DONALD R.	2,748,512
GESSLER, TOBIAS	2,834,063	GRAY, KEITH N.	2,679,004	HALLINGSTAD, GREGORY J.	2,796,848
GETTIER, ALBERT F.	2,696,884	GREENE, DARRELL F.	2,766,108	HAMBURGER STIFTUNG ZUR FORDERUNG VON WISSENSCHAFT UND KULTUR	2,453,140
GHINAUDO, ANDREW DIONYSIUS	2,672,517	GREENSTEIN, MARK JOSEPH	2,444,155	HAMILTON, RICK ALLEN, II	2,663,232
GHORAYEB, KASSEM	2,624,766	GRESHAM, RICHARD D.	2,838,528	HAN, SANG SUP	2,810,855
GHOSH, SOUMOJEET	2,669,938	GRICKS, MICHAEL	2,777,009	HAN, SEUNG HEE	2,787,254
GIANT TRADING INC.	2,675,281	GRIFFIN, JASON TYLER	2,759,327	HANAI DAISUKE	2,813,908
GIBSON, PETER WILLIAM	2,655,772	GRIFFIS, JACK C., III	2,838,409	HANS, MICHAEL	2,839,394
GIL, NESTOR HUMBERTO	2,760,495	GRIFFITHS, JERRY R.	2,687,621	HANSEN, ACHIM	2,703,910
GILLAN, COLIN	2,698,743	GRILL, BERNHARD	2,778,382	HANSEN, CARSTEN HOERSLEV	2,605,258
GILLES, PAUL C.	2,585,883	GRILLS, TRACY LORNE	2,760,495	HANSON & MOEHRING	2,699,111
GINOCCHIO CEA, ROSANNA	2,787,724	GRIMES, ELIZABETH E.	2,604,287	HANYA, IZUMI	2,689,079
GIPP, DAVID A.	2,648,100	GRODZINSKY, ALAN	2,344,954	HARADA, HIROSHI	2,810,504
GISBY, DOUGLAS	2,683,449	GROSSENBACHER, MICHAEL	2,676,264	HARAMBOURE, CARLOS E.	2,805,173
GIUDICEANDREA, FEDERICO	2,713,944	GROUPE CANAM INC.	2,639,701	HARDING, JOSEPH J.	2,585,883
GIUSEPPIN, MARCO LUIGI FEDERICO	2,704,845	GRUENENTHAL GMBH	2,683,779	HARMON, ALEXANDER M.	2,530,422
GLARVEY, PAUL	2,733,443	GRUNBECK, JOHN J.	2,608,800	HARRELL, JOHN ROBERT	2,570,948
GLAVES, GARRY BRUCE	2,725,536	GSCHWEND, BJOERN	2,706,071	HARRIS, IAN ROSS	2,530,422
GLAVES, GARRY BRUCE	2,726,843	GU, HONGREN	2,817,871	HART, ATHENA	2,784,551
GLAXOSMITHKLINE LLC	2,705,113	GU, MINGHUA	2,691,180	HART, BURTON L.	2,632,063
GLEESON, JAMES	2,684,388	GU, YUEFENG	2,810,504	HARTE, MICHAEL FRANCIS	2,701,959
GLIDE PHARMACEUTICAL TECHNOLOGIES LIMITED	2,679,016	GU, ZHUPING	2,783,793	HARTING ELECTRIC GMBH & CO. KG	2,828,814
GLOBAL S	2,657,584	GUARDIAN IG, LLC	2,704,965	HARTING GLADE, THOMAS FRANCIS	2,822,314
GLYN-JONES, SARAH	2,632,697	GUILLIER, FABRICE YVES	2,569,545	HARTMAN, BENJAMIN	2,744,751
GLYNN, JOHN R., JR.	2,707,942	GUIMBERTEAU, FLORENCE	2,609,618	HARTMANN, BRIAN	2,676,283
GODDARD, AUDREY	2,328,496	GUNDERSON, BENJAMIN	2,676,283	HARTWELL, EDWARD	2,695,597
GODFREY, CRAIG W.	2,867,387	GUNIC, ESMIR	2,802,692	HARTWELL, RYAN	2,660,984
GOESSL, ANDREAS	2,801,118	GUNNEWIEK, LOWY	2,639,851	HASEGAWA, KOICHI	2,790,995
GOLDEN OMEGA S.A.	2,822,314	GUO, HONGBAO	2,812,278	HASHIGUCHI, OSAMU	2,841,689
GOLDSMITH, MICHAEL ANDREW	2,832,675	GUO, HUA	2,721,736	HASLETT, JAMES W.	2,583,034
GOLLNER, ANDREAS	2,694,096	GUO, WEIJUN	2,805,173	Haugen, Jan Otto	2,673,380
GOMEZ, LEOPOLDO S.	2,819,998	GUPTA, D.V. SATYANARAYANA	2,829,901	HAUPT, ANDREAS	2,691,529
GOMEZ, RAMON	2,674,732	GURNEY, AUSTIN L.	2,328,496	HAVEL, MICKAEL	2,816,269
GONG, DEMING	2,632,697	GURNEY, STEVE	2,890,146	HAWKER, LARRY	2,525,357
GONZALEZ-HERNANDEZ, EDUARDO	2,696,368	GUSTAFSSON, STEFAN	2,734,589	HAY, RICHARD THOMAS	2,760,495
GOODE, CHRISTOPHER W. B.	2,841,216	GUSTAFSSON, STEFAN	2,734,602	HAYKIN, SIMON	2,583,273
GOODMAN, PAUL D.	2,737,161	GUTSCHOW, WAYNE A.	2,744,751	HEADLEY, KEITH J.	2,610,459
GOODMAN, PAUL D.	2,737,161	H.P.I.	2,657,584	HECHT, GIL	2,731,557
GOOGLE INC.	2,608,691	HABERMAN, MATTHEW T.	2,767,412	HEGGEMANN, MARC	2,640,854
GORBATY, MARTIN L.	2,731,819	HADBA, AHMAD R.	2,823,093	HEID, JOACHIM	2,699,057
GORDON, ANDREW D.	2,658,132	HADDOCK, JOSHUA N.	2,655,349	HEID, JOACHIM	2,699,735
GOSIEWSKA, ANNA	2,530,422	HAEBERLE, WILFRIED	2,783,676	HEINRICH, RUSSELL	2,838,528
GOTMAN, MAX	2,601,313	HAENSEL, RENE	2,636,749	HEITNER, HOWARD I.	2,815,766
GOTO, MASAHIRO	2,889,046	HAERDEMARK, BJOERN	2,668,374	HELEN OF TROY LIMITED	2,772,012
GOTTSCHALK, MICHAEL	2,738,197	HAEUSSLER INNOVATION GMBH	2,776,334		
GOTZY, ANDRAS	2,796,634	HAEUSSLER, FRANZ	2,776,334		
GOUDIE, DALE W.	2,826,435	HAFIT, AHMED	2,723,844		
GOULD, KENNETH	2,525,173	HAGAN, TIMOTHY J.	2,785,662		
GOULET, DOUGLAS	2,663,396	HAGEE, RICHARD CHRISTOPHER	2,780,210		
		HAGEN, RAINER	2,698,288		
		HAGIHARA, MASAHIKO	2,705,916		
		HAGOOD, NESBITT W.	2,803,899		

## Index of Canadian Patents Issued January 5, 2016

HELMHOLTZ ZENTRUM MUENCHEN DEUTSCHES FORSCHUNGSZENTRUM FUER GESUNDHEIT UND UMWELT (GMBH)	2,731,409	HSU, RAYMOND T.	2,761,980	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,696,884
HENKEL IP & HOLDING GMBH	2,703,865	HUANG, HONGSHAN	2,760,034	INVENSYS SYSTEMS, INC.	2,758,779
HENRY, MANUS P.	2,758,779	HUANG, JIAN	2,826,435	INZE, DIRK GUSTAAF	2,670,458
HENSHAW, CONSTANCE	2,808,029	HUANG, LEI	2,783,793	ION BEAM APPLICATIONS S.A.	2,668,374
HENSLER, CONNIE D.	2,679,004	HUANG, LYNN L. H.	2,708,844	IRWIN, JAMES P.	2,834,093
HERAEUS KULZER GMBH	2,778,908	HUANG, XING	2,651,437	IRWIN, KENNETH EARL, JR.	2,793,803
HERCULES INCORPORATED	2,686,035	HUAWEI TECHNOLOGIES CO., LTD.	2,769,608	ISCAR LTD.	2,731,557
HERMAN, JOHN M.	2,829,097	HUBBELL INCORPORATED	2,638,402	ISCAR LTD.	2,743,033
HERRERA MARCHANT, MIGUEL NICOLAS	2,787,724	HUBER, DOUGLAS	2,829,928	ISHIKURA, YOSHIYUKI	2,613,345
HERRWERTH, SASCHA	2,636,749	HUBER, JEROME	2,696,178	ISIS INNOVATION LIMITED	2,350,210
HERTAUS, ALAN	2,842,617	HUDSON, HANK M.	2,764,282	ISLAM, MUHAMMAD KHALEDUL	2,589,373
HESS, JOE E.	2,760,495	HUESTON, KENNETH JAMES	2,829,928	ITSKOVICH, GREGORY B.	2,815,589
HEXION INC.	2,738,824	HUND, RENE	2,594,856	IVERSEN, PATRICK L.	2,644,262
HIBERT, MARCEL FRANCOIS LOUIS	2,569,545	HUNDEGGER, HANS	2,776,334	IVES, JAMES	2,683,683
HICKEY, ANTHONY JOHN RODNEY	2,632,697	HUNEAU, JEAN-FRANCOIS	2,650,495	IYER, VENKATRAMANI S.	2,655,349
HILL, ROSS N.	2,687,095	HUNTER, JOHN	2,663,396	IZAKI, MASAHIRO	2,841,689
HITACHI DATA SYSTEMS ENGINEERING UK LIMITED	2,504,340	HUOMO, HEIKKI	2,830,647	IZUMI, KENJI	2,707,912
HITACHI, LTD.	2,640,019	HURST, DAVID A.	2,681,554	IZZAT, IZZAT	2,704,479
HO, ARTHUR	2,653,286	HUTCHINS, RICHARD D.	2,750,454	J-OIL MILLS, INC.	2,728,163
HO, THANO	2,691,675	HUTCHINS, RICHARD D.	2,818,899	JABLONSKI, LAURENT	2,718,847
HODDER, JANINE MARY	2,811,570	HUUHTANEN, JARKKO	2,651,922	JACKSON, PETER	2,659,548
HODGE, CHARLES D.	2,857,043	HUWANG, KWANG WOO	2,767,410	JACOBS, MERRIT	2,449,240
HODFNER, NORBERT	2,714,510	HYMEL, JAMES ALLEN	2,811,570	JAMES HARDIE TECHNOLOGY LIMITED	2,684,388
HOLBEIN, MARC EDWARD	2,780,381	HYPERTHERMICS HOLDING AS	2,657,804	JANI, RAJENDRAKUMAR HARIPRASAD	2,825,456
HOLBROOK, THOMAS WILLIAM	2,780,381	HYYSTI, MIKA	2,655,772	JANSSEN PHARMACEUTICALS, INC	2,680,125
HOLDEN, BRIEN ANTHONY	2,653,286	IDDINGS, CARA L.	2,648,100	JANZ, SIEGFRIED	2,578,541
HOLMBERG, ANDERS	2,710,300	IGAWA, TOMOYUKI	2,700,498	JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED	2,841,689
HOLMES, JONATHAN	2,624,766	IGT	2,648,100	JARVINEN, JANNE JOHANNES	2,744,358
HOLSTEN, HENRY	2,838,528	IKARASHI, MICHIHISA	2,828,143	JAYAPPA, MAHESH N.	2,638,072
HOLT, LAURENCE	2,777,009	IM, DAE JOONG	2,686,926	JEHN-RENDU, CHRISTIAN	2,594,856
HOMANN, FRANK	2,751,203	IMADA, TAKUMA	2,689,079	JENKINS, JOSHUA	2,686,878
HONDA MOTOR CO., LTD.	2,654,629	IMI VISION LIMITED	2,663,396	JENNY, PHILIPPE	2,657,584
HONDA MOTOR CO., LTD.	2,810,504	INCUBATION ALLIANCE, INC.	2,789,028	JENSEN, LYNN	2,844,234
HONDA MOTOR CO., LTD.	2,821,429	INFA S.A.	2,624,047	JEONG, HONG-SIL	2,797,556
HONEYWELL INTERNATIONAL INC.	2,620,191	INOUE, MASANOBU	2,654,629	JEONG, HONG-SIL	2,798,963
HONEYWELL INTERNATIONAL INC.	2,638,072	INRIA INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE	2,667,111	JERTSON, MARTY R.	2,788,187
HONEYWELL INTERNATIONAL INC.	2,681,554	INSTITUTE OF VIROLOGY	2,704,273	JIANGSU HEALTHCARE CO., LTD	2,800,374
HONG, YOOJIN	2,791,486	INTERFACE, INC.	2,679,004	JIGALTSEV, IGOR	2,725,535
HONG, ZHI	2,675,358	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,620,428	JIN, KI HO	2,816,689
HOPKE, FREDERICK KARL	2,831,880	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,620,428	JOERGENSEN, CHRISTEL THEA	2,605,258
HOPKINS, STEPHANIE	2,785,204	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,650,169	JOERGENSEN, CHRISTIAN ISAK	2,605,258
HOPLITE ARMOUR LLC	2,767,704	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,663,232	JOHANSSON, HAKAN	2,655,506
HORIBE, NORIFUMI	2,878,834	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,663,568	JOHNKE, ANDREW F.	2,764,282
HORNES, ERIK	2,710,300	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,675,556	JOHNSON, BENJAMIN A.	2,834,093
HOROVITZ, ITSIK	2,665,959	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,675,556	JOHNSON, BRIAN D.	2,742,778
HOTTA, YUJI	2,818,657	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,663,568	JOHNSON, LEIGHTA MAUREEN	2,827,865
HOUBEN, MARIE CHRISTINE	2,838,826	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,675,556	JOHNSON, MATTHEW A.	2,829,097
HOUSE, WAYNE D.	2,737,161	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,675,556	JOHNSTON, CHRIS	2,712,530
HOWARD, JACK B.	2,662,522	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,675,556	JONASSEN, THOMAS ENGELBRECHT NORKILD	2,688,485
HOWELL, DAVID STUART, II	2,790,301				

**Index des brevets canadiens délivrés  
5 janvier 2016**

JONSSON, LENNART	2,571,186	KHAN, RAHEEL	2,706,107	KOLAR, VLADIMIR	2,714,962
JOURNADE, FREDERIC	2,696,178	KHATIWALA, CHIRAG	2,793,205	KOLTSAKIS, GRIGORIOS	2,627,107
JOURNADE, JEROME	2,696,178	KHRENOV, VICTOR	2,723,884	KONDO, SATOSHI	2,718,396
JUDGE, DAVID JOHN	2,686,963	KIELY, KENNETH M.	2,726,800	KONG, WENYU	2,621,034
JULLIEN, GRAHAM A.	2,583,034	KIHM, ANTHONY J.	2,530,422	KONINKLIJKE DOUWE EGBERTS B.V.	2,564,894
JULLIG, MARIA	2,632,697	KIKIC, EDVARD	2,811,570	KONINKLIJKE PHILIPS ELECTRONICS N.V.	2,778,382
JUNG, HEON WOONG	2,767,410	KIKUCHI, YUSUKE	2,810,504	KOP-COAT, INC.	2,510,047
JUNG, JONG YEOB	2,820,975	KILGORE, MICHAEL R.	2,526,668	KOPTENKO, SERGEI	2,651,437
JUNG, TINA	2,669,938	KIM, BONG JOON	2,767,410	KOREA ATOMIC ENERGY RESEARCH INSTITUTE	2,820,975
JURATOVAC, DIANA WOEHNL	2,780,210	KIM, DONG WOOK	2,810,855	KOREA INSTITUTE OF ENERGY RESEARCH	2,810,855
JUSTIN, MICHAEL JAMES	2,800,042	KIM, HYUN SANG	2,758,270	KORKMAZ, LALE	2,807,471
JX NIPPON OIL & ENERGY CORPORATION	2,824,148	KIM, ISAAC	2,766,640	KORNBLUTH, RICHARD S.	2,393,659
JX NIPPON OIL & ENERGY CORPORATION	2,828,143	KIM, JAE-YOEL	2,797,556	KORZHENKO, ALEXANDER	2,816,269
KABARADJIAN, CATHERINE	2,703,818	KIM, JAE-YOEL	2,798,963	KOSHIO, KAIHEI	2,714,483
KACPRZAK, KAROL	2,887,025	KIM, JONG NAM	2,810,855	KOTHARI, HIMANSHU	2,825,456
KACPRZAK, KAROL	2,887,039	KIM, SI-HWAN	2,765,377	KOTT, HORST	2,706,218
KAILA, ASHISH	2,722,509	KIM, TAE JIN	2,767,410	KOZUP, STEVEN	2,850,604
KAILA, ASHISH	2,722,643	KIM, YONG TAE	2,758,270	KRAGH, JULIAN EDWARD (ED)	2,776,587
KAISLAOJA, JARKKO	2,655,772	KIM, YOUNG-BUM	2,801,007	KRAMER, MICHAEL P.	2,788,459
KALLIOINEN, JANI	2,742,415	KING, DAVID A.	2,669,299	KRATOCHVIL, DAVID	2,700,467
KAMAKURA, TAKASHI	2,714,490	KING, JAMES G.	2,833,405	KREHBIEL, DREW	2,637,965
KAMEDA, KYOKO	2,689,079	KING, JAMES M.	2,567,936	KREMSER, HANS-JOERG	2,714,510
KAMIKAWA, SHUJI	2,677,657	KING, HUGH T.	2,792,496	KRESS, PATRICK	2,839,394
KAMPRAD, JOACHIM DR.	2,576,385	KINSEL, HUGH T.	2,526,668	KRITS, ALEXANDER	2,650,169
KANG, HAE YONG	2,758,270	KIRKPATRICK, ANDY L.	2,526,668	KUBO, DAISUKE	2,816,696
KANG, YOUNG SOON	2,686,926	KIRKPATRICK, ROBIN DUNCAN	2,675,281	KUBOTA, FUKIKO	2,889,046
KANKE, TORU	2,798,778	KIRO, SHMUEL	2,665,959	KUDELSKI, HENRI	2,679,055
KAPADIA, ARSHISH C.	2,619,230	KISHIMOTO, TAKUYA	2,689,079	KUDO, TAKESHI	2,707,966
KAPSNER, TIMOTHY ROLAND	2,830,978	KISIDAY, JOHN	2,344,954	KURAMASHI, KOUJI	2,719,040
KARLSSON, PER-OLOF	2,571,186	KISSINGER, KARL D.	2,526,668	KURARAY CO., LTD.	2,818,657
KARSTEN MANUFACTURING CORPORATION	2,788,187	KITAZOE, MASATO	2,665,452	KUTTEL, BEAT	2,698,743
KASHIKI, HAJIME	2,829,737	KIYAMA, KENJI	2,719,040	KWAK, BYONG SUNG	2,686,926
KASUTO, HAREL	2,882,108	KIYOSAWA, MASASHI	2,822,023	KWON, EUI HYEOK	2,758,270
KATAOKA, HISASHI	2,728,163	KLASING, KEVIN SAMUEL	2,596,777	KYB CORPORATION	2,861,550
KATAOKA, HISASHI	2,821,429	KLEIN, CHERI E.	2,669,938	KYUNG DONG ONE CORPORATION	2,765,377
KATO, SEIICHI	2,619,230	KLINGBEIL, LARS	2,677,029	KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION	2,889,046
KAUFFMAN, JONATHAN A.	2,694,173	KLODOWSKI, ANTHONY MICHAEL	2,826,437	LAARMANN, SVEN	2,628,678
KAUPPINEN, ESKO I.	2,694,173	KLOEPFER, MICHAEL	2,665,668	LABARRE, ETIENNE	2,743,735
KAWANO, TOMOHIRO	2,834,517	KLOSTERFRAU BERLIN GMBH	2,831,636	LABRADOR, CHRISTOPHER	2,683,449
KAWASAKI JUKOGYO		KNAPP, JOHN M.	2,804,435	LACAN, PASCALE	2,540,093
KAWASAKI JUKOGYO KABUSHIKI KAISHA	2,815,674	KNUDSEN, SVERRE	2,648,418	LACAPRA, FRANCESCO	2,504,340
KAWASAKI JUKOGYO KABUSHIKI KAISHA	2,829,737	KO, CHANG HYUN	2,810,855	LACHAINE, MARTIN	2,651,437
KAWASAKI, YOSHIHIRO	2,684,838	KOBAYASHI, NORITAKA	2,821,429	LACOMBE, JEAN-CLAUDE	2,726,499
KAWASHIMA, YUKI	2,828,143	KOBAYASHI, TOSHIHARU	2,810,504	LADVA, HEMANT K.	2,750,454
KEAST, LIAM JOHN	2,719,139	KOBLISH, JOSEF	2,766,640	LAIDMAN, JEFFREY	2,777,009
KEDEM, NOAM	2,601,313	KOCH, PATRICIA	2,728,117	LAINÉZ, VINCENT	2,500,988
KEHREL, BEATE	2,453,140	KOCZO, KALMAN	2,809,280	LAMBERT, PIERRE	2,838,826
KEIHIN CORPORATION	2,748,702	KOELING, HENDRIK CORNELIS	2,564,894	LAMBRI, MARCO	2,781,005
KEITH, BRIAN DAVID	2,596,777	KOENIG & BAUER AKTIENGESELLSCHAFT	2,839,394	LAMMENS, HENRI	2,729,333
KELLOGG BROWN & ROOT LLC	2,637,965	KOFOD, LENE VENKE	2,605,258	LAMMINMAKI, RALF-JOHAN	2,742,415
KELLOGG BROWN & ROOT LLC	2,715,972	KOGA, MASAO	2,558,111	LAMPING, MICHAEL JOSEPH	2,790,301
KELLY, COLIN	2,772,012	KOGA, YOSHIHIKO	2,613,345	LAMY-BERGOT, CATHERINE	2,656,453
KEMIRA OYJ	2,666,992	KOH, JI HOON	2,767,410	LANCASTER, LORRIE J.	2,727,487
KENNEDY, BROOK	2,772,012	KOH, YUNG-HYO	2,675,358	LANDERT, HEIDI	2,706,071
KENNEDY, JACK	2,823,093	KOIFMAN, ALEXANDER	2,743,033	LANE, RICHARD LEE	2,780,210
KEYSTONE RETAINING WALL SYSTEMS, INC.	2,718,582	KOJIMA, HIDEAKI	2,821,429	LANGE, CLAUDIA	2,683,779
		KOJIMA, HIROYOSHI	2,642,692		
		KOJIMA, TETSUO	2,700,498		
		KOKAREV, MICHAEL	2,601,313		
		KOKONASKI, WILLIAM	2,655,349		

## Index of Canadian Patents Issued January 5, 2016

LANGE, UDO	2,691,529	LEWIS, W. LARRY	2,764,282	LUETJENS, ROBERT	
LANGFORD, JOHN STEVEN	2,663,232	LEYRER, ULRICH	2,610,459	JOHANNES	2,680,125
LANKTON, STEVEN	2,850,604	LEYSHON, DAVID W.	2,723,423	LUETZELER, MICHAEL	2,670,201
LANTZ, SUZANNE E.	2,597,980	LG ELECTRONICS INC.	2,758,270	LUNDSTEDT, TORBJOERN	2,688,485
LAPHAM, DONALD S., III	2,713,346	LG ELECTRONICS INC.	2,775,723	LUO, TIAN	2,661,564
LAPLAIZE, BENOIT	2,650,495	LG ELECTRONICS INC.	2,787,254	LUO, XIAOCHUN	2,707,768
LAPOINTE, JEAN	2,578,541	LI, CONG RONG	2,705,720	LURIA, GILAD	2,652,424
LARKIN, JOHN	2,767,704	LI, HANZHONG	2,328,496	LUTZ, PETER J.	2,829,097
LAROZE, ALAIN	2,705,113	LI, LINGNA	2,460,985	LUYSTER, MARK	2,836,582
LARSEN, SAMUEL H.	2,745,275	LI, PING	2,788,459	LY, HAO	2,681,761
LASHINSKI, RANDY	2,665,209	LI, SHITAO	2,775,984	LYAMICHEV, VICTOR	2,654,016
LATTUADA, LUCIANO	2,759,342	LI, ZHENDONG	2,775,984	LYNAS, CHRISTOPHER	2,686,725
LAURENT, OLIVIER	2,829,244	LIEBHERR-MISCHTECHNIK		LYNCH, JOE T.	2,764,282
LAUS, REINER	2,665,068	GMBH	2,628,511	LYNN, DANIEL W.	2,802,307
LAVAGNA, LUIS MOSCOSO	2,725,536	LIEPOLD, BERND	2,669,938	LYNN, SHUGENE	2,648,056
LAVAGNA, LUIS MOSCOSO	2,726,843	LIGHT MATTER		LYONDELL CHEMICAL	
LAVIEILLE, PHILIPPE	2,639,590	INTERACTION INC.	2,594,357	TECHNOLOGY, L.P.	2,723,423
LAWITSCHKA, UWE	2,751,203	LIM, BYUNG GUL	2,861,727	M-I L.L.C.	2,836,582
LAYMAN, JOHN MONCRIEF	2,825,606	LIN, CHERRY	2,597,980	MAAMOUN, MOHAMED	
LE BON, FRANCK	2,639,590	LIN, LIJUN	2,818,899	MAHMOUD	2,722,713
LE MONNIER, MARC	2,719,896	LIN, TAO	2,800,374	MACDERMID PRINTING	
LEBLANC, RICHARD JOHN	2,735,865	LINET SPOL. S R.O.	2,714,962	SOLUTIONS, LLC	2,820,793
LECOMTE, JEREMIE	2,778,382	LINSTEDT, BRIAN K.	2,643,765	MACDONALD, GREGOR	
LECUIVRE, JULIE	2,632,294	LIPPER INTERNATIONAL,		JAMES	2,680,125
LEE, CHING-PANG	2,596,777	INC.	2,842,617	MACDOUGALL, TREVOR	2,608,800
LEE, CHUL WOO	2,861,727	LIPPUNER, HEINZ	2,780,584	MACHULSKIS, ANTHONY C.	2,449,240
LEE, DEAN	2,760,495	LIPSKY, CHARLES	2,759,045	MACK, DUSTIN	2,686,878
LEE, EUN KYUNG	2,611,800	LISS, JONATHAN M.	2,676,925	MACKAY, JASON F.	2,658,132
LEE, HYO-JIN	2,797,556	LITTLE, HERBERT A.	2,776,876	MACKEY, AMY	2,498,973
LEE, JANG JAE	2,810,855	LITTLE, WILLIAM	2,648,100	MACLEAN, JAMES E.	2,708,768
LEE, KANG PYO	2,767,410	LIU, CHUNQING	2,755,925	MADERNA, ANDREAS	2,675,358
LEE, KI HO	2,686,926	LIU, KIRK	2,850,604	MADSEN, KARSTEN	2,750,471
LEE, KOON SEOK	2,758,270	LIU, MING	2,643,481	MAEDA, ATSUSHIKO	2,700,498
LEE, MOON IL	2,787,254	LIU, MING	2,721,736	MAGNA POWERTRAIN INC.	2,766,108
LEE, SEONG JUN	2,810,855	LIU, QINGLIN	2,776,587	MAGNESS, ROBERT EARL	2,825,606
LEE, SHELDON K.	2,587,909	LIU, WEN-JIE	2,725,536	MAGNETTO, ANDREA	2,759,014
LEFEBVRE, ROCH	2,778,382	LIU, WEN-JIE	2,726,843	MAGNIN, PATRICK	2,694,981
LEFEBVRE, YANNICK	2,729,333	LIVTECH, INC.	2,798,778	MAGOSHI, ATSUO	2,654,629
LEFRANCOIS, DAVE E.	2,727,487	LOCKE, KENNETH WALTER	2,761,744	MAGRI, PAOLO	2,624,047
LEGARE, DESIREE	2,792,311	LOCHEL, FLORIAN	2,833,609	MAGUIRE, YAEL G.	2,836,588
LEGGETT & PLATT CANADA		LOEF, JOHAN	2,668,374	MAHENDRAN,	
CO.	2,574,803	LOHMUELLER, STEVEN		ARUNGUNDRAM C.	2,761,980
LEHUEC, JEAN-CHARLES	2,657,584	JOSEPH	2,641,195	MAITRA, PRITHWIRAJ	2,707,942
LEI, YIWU	2,708,768	LOHSE, ANDREA	2,636,749	MAKELA, ILKKA	2,715,807
LEICA GEOSYSTEMS AG	2,780,584	LOMAS, LEE	2,602,913	MALDERA, CARLO	2,759,014
LEIGH, RANDOLPH J.	2,672,517	LOMBARDI, ROBERT JOSEPH	2,832,675	MALKKI, YRJO	2,662,489
LEIJON, MATS	2,734,602	LOMEL, SEBASTIEN	2,805,019	MANAUT, VINCENT	2,705,001
LEMAY, STEVEN G.	2,648,100	LONG, MARK C.	2,482,358	MANDL, STEFANIE	2,665,068
LEONARDI, GABRIELLA	2,759,342	LONNYB WELDN INC.	2,827,341	MANFREDI, VINCENT S.	2,648,100
LEONHARD KURZ STIFTUNG		LONZA INC.	2,670,201	MANN, DAVID P.	2,715,972
& CO. KG	2,698,548	LOOMAS, BRYAN	2,653,139	MARANO, LUCA	2,781,005
LERMAN, JESSE S.	2,841,216	LORENZ, KLAUS	2,610,459	MARCHIONNI, CHIARA	2,786,509
LEUCHTENBERG, CHRISTIAN	2,867,387	LOTZ, MATTHIAS	2,706,071	MARCIL, CHRISTIAN	2,639,814
LEUGEMORS, ED	2,682,863	LOU, XINSHENG	2,820,216	MARCZYK, STANISLAW	2,634,850
LEUNG, KWOK CHING	2,770,941	LOVELL, JEREMY	2,663,585	MARENTIS, RODGER T.	2,636,953
LEVANDOSKI, MARK	2,790,301	LOW, ROBERT E.	2,826,626	MARIANI, FREDERICK	2,767,704
LEVEL 3 COMMUNICATIONS,		LOWENBORG, PER	2,655,506	MARISSEN, ROELOF	2,650,444
LLC	2,881,734	LOWENTHAL, STEVEN S.	2,731,819	MARIVO, MASSIMO	2,759,014
LEVERING, VRAD W.	2,737,161	LOWERY, MORGAN J.	2,796,848	MARKOVITS ROJAS,	
LEVIN, MICHAEL	2,491,778	LOWLES, ROBERT	2,525,357	ALEJANDRO	2,822,314
LEWANDOWSKA, MARTA	2,887,025	LU, XIANFENG	2,845,741	MARONEY, DAVID R.	2,526,668
LEWANDOWSKA, MARTA	2,887,039	LUDWIG, KLAUS	2,698,548	MARQUES, FREDERIC	2,826,455
LEWIS, CHRISTOPHER		LUEBKE, CHARLES P.	2,850,604	MARTIN, DARYL J.	2,810,691
MICHAEL	2,666,992			MARTIN, DOUGLAS J.	2,672,517

**Index des brevets canadiens délivrés  
5 janvier 2016**

MARTIN, ROBERT S.	2,815,589	MERCIER, GUILLAUME	2,826,455	MONCAYO, ANDRES PAUL	
MARTIN, SHARI	2,707,942	MERRILL, DAN A.	2,832,430	MONTROYA	2,832,702
MARTINANT, JEAN-PIERRE	2,694,899	MERRITT, STEVEN J.	2,707,690	MONDIN, MYRIAM	2,838,826
MARTINEZ, JACOB	2,700,571	MERTEN, PAUL	2,838,528	MONKMAN, JACK	2,669,710
MARUYAMA, MASAO	2,705,916	MESSINA, DARIN J.	2,530,422	MONROIG, LOUIS WALTER	2,827,865
MARWOOD METAL		MEUSNIER, TRISTAN	2,680,512	MONSANTO TECHNOLOGY	
FABRICATION LIMITED	2,846,130	MEXICHEM AMANCO		LLC	2,653,742
MARX, STEFAN	2,706,325	HOLDING S.A. DE C.V.	2,826,626	MOON, HONG SIK	2,686,926
MASSACHUSETTS INSTITUTE		MEXICHEM AMANCO		MOON, SUNG HO	2,787,254
OF TECHNOLOGY	2,344,954	HOLDING S.A. DE C.V.	2,851,026	MOR TECHNOLOGY, LLC	2,636,953
MASTERIMAGE 3D ASIA,		MEZLER, MARIO	2,691,529	MORERO, LUCA	2,759,014
LLC.	2,861,727	MGH MEDDESIGN, LC	2,696,368	MORETTON, FABRICE	2,594,856
MASUYAMA, SATOSHI	2,824,148	MICHELAKIS, EVANGELOS	2,604,625	MORI, MASAYA	2,776,881
MATERN, GERARD J.	2,574,803	MICROLINE SURGICAL, INC.	2,834,517	MORITA, MINORU	2,640,019
MATHEWS, THOMAS J.	2,499,201	MICROMASS UK LIMITED	2,626,209	MORRIS, DANIEL J.	2,817,634
MATIAS, ANTONIO J.G.	2,608,891	MICROSOFT TECHNOLOGY		MORRIS, JOHN	2,669,938
MATRIZYME PHARMA		LICENSING, LLC	2,619,230	MORRIS, NICHOLAS P.	2,606,809
CORPORATION	2,589,523	MICROSOFT TECHNOLOGY		MOSTELLO, ALLAN J.	2,648,123
MATSON, INC., D/B/A ACF		LICENSING, LLC	2,643,481	MOSTOWFI, FARSHID	2,822,564
TARP AND AWNING	2,842,186	MICROSOFT TECHNOLOGY		MOTOROLA SOLUTIONS, INC.	2,814,995
MATSON, MARK	2,842,186	LICENSING, LLC	2,657,655	MOYLE, RYAN	2,880,970
MATSUHIRA, AKIO	2,843,373	MICROSOFT TECHNOLOGY		MUDD, CHRISTOPHER S.	2,724,848
MATSUMOTO, TOSHIAKI	2,689,079	LICENSING, LLC	2,658,132	MUEHLBAUER, UDO	2,698,288
MATSUOKA, KUNIIHIKO	2,689,079	MICROSOFT TECHNOLOGY		MUELLER, CLAUS	2,723,844
MATSUR, IGOR YURIEVICH	2,704,332	LICENSING, LLC	2,720,500	MUELLER, LUTZ	2,668,374
MATUSEWICZ, ROBERT	2,844,098	MICROTEC S.R.L.	2,713,944	MUGGLI, FELIX ANDREAS	2,640,854
MAURER, NORBERT	2,725,535	MIEDZYNARODOWY		MULAOSMANOVIC, JASMIN	2,832,675
MAY, JOHN	2,785,204	INSTYTUT BIOLOGII		MULLEN, BRANDON	
MAYER, HEINRICH-TITO	2,841,532	MOLEKULARNEJ I		STEPHEN	2,844,700
MAYRER, MATTHIAS	2,691,529	KOMORKOWEJ	2,837,143	MULLER, JOACHIM	2,530,805
MAZZON, ROBERTA	2,759,342	MIETHING, HOLGER	2,831,636	MULLER, WALTER	2,818,199
MB-HOLDING GMBH & CO.		MIGLIORANZO, IVANO	2,834,150	MULLETTE, DANIEL	2,530,805
KG	2,706,325	MIKOGAMI, TAKASHI	2,650,495	MULQUEEN, PATRICK	
MCBRIDE, BRIAN EVERETT	2,832,675	MILLER, JON STACEY	2,782,901	JOSEPH	2,817,626
MCCAIRN, MARK		MILLER, R. J. DWAYNE	2,594,357	MULTIMATIC INC.	2,777,009
CHRISTOPHER	2,733,443	MIRAKYAN, ANDREY	2,818,899	MUNEKAWA, SHIGERU	2,806,826
MCCALL, TRAVIS M.	2,831,191	MIRELES, HECTOR H.	2,807,471	MURAMATSU, KAZUO	2,789,028
MCDANIEL, JOHN ANDREW	2,825,606	MIRIGIAN, MARK	2,766,640	MURAMOTO, NOBUHIKO	2,718,396
MCDANIEL, ROBERT R.	2,738,824	MISSALLA, MICHAEL	2,771,794	MURI, JOHN I.	2,668,727
MCDONALD, SANDY	2,755,718	MISTRY, SANJAY	2,530,422	MURI, JOHN I.	2,669,299
MCGOWAN, LES	2,877,254	MITRAN, MARCEL	2,675,556	MURIGNEUX, ALAIN	2,694,899
MCINTIRE, WILLIAM R.	2,682,863	CORPORATION	2,790,995	MURMAN, ANDERS	2,668,374
MCKENNA, BRIAN	2,637,509	MITSUBISHI AIRCRAFT		MURPHY, KEITH	2,793,205
MCMAHAN, LIANNE M.	2,637,509	CORPORATION	2,790,995	MUSHTAQ, IMRANA	2,733,443
MCMASTER UNIVERSITY	2,583,273	MITSUBISHI GAS CHEMICAL		MUUKKA, OLLI PEKKA	
MCSHEFFREY, GRANT		COMPANY, INC.	2,675,970	JUHANI	2,744,358
MATTHEW	2,722,643	MITSUBISHI HITACHI POWER		MUYZERT, EVERHARD	2,776,587
MEADE, JOHN C.	2,687,621	SYSTEMS, LTD.	2,707,966	MYUNG, SEHO	2,797,556
MEDINA, ANTHONY MARIO	2,361,021	MITSUBISHI HITACHI POWER		MYUNG, SEHO	2,798,963
MEHLER, NILS	2,723,884	SYSTEMS, LTD.	2,719,040	N-SOLV CORPORATION	2,639,851
MEHTA, DHAIRYA	2,881,570	MITSUBISHI HITACHI POWER		NAAMAN, NIR	2,650,169
MEI, DONGSHENG	2,721,736	SYSTEMS, LTD.	2,822,023	NABAHI, SHOHRE	2,679,016
MEIER, ANDREAS	2,831,636	MITSUKAWA, NORIHIRO	2,718,396	NADDAFZADEH SHIRAZI,	
MEISNER, WALTER	2,686,878	MITSUOKA, KEIICHIRO	2,837,844	GHASEM	2,808,108
MELET, PIERRE ETIENNE	2,667,399	MITTMANN, KARIN	2,628,678	NAFZIGER, BRENDON	2,707,080
MELI, GABRIELE	2,759,342	MIURA CO., LTD.	2,879,483	NAGAHAMA, DAISUKE	2,810,504
MELIK, ROHAT	2,734,690	MOBIUS TECHNOLOGIES		NAGAI, HIDETADA	2,828,143
MEMOMETAL		GMBH	2,676,264	NAGRAVISION S.A.	2,679,055
TECHNOLOGIES	2,680,512	MODULO BETON	2,779,340	NAKAJIMA, KOJI	2,654,629
MENCKE, JACOBUS		MOGIL, MELVIN SHELDON	2,444,155	NAKAMURA TAKEHIKO	2,813,908
JOHANNES	2,650,444	MOLITOR, CHARLES D.	2,585,883	NAKAMURA, AKIRA	2,816,696
MENEGHIN, ALFREDO	2,632,294	MOLZ, RONALD J.	2,640,854	NAKAMURA, KOJI	2,798,778
MENIO, STEPHANE	2,826,455	MOMENTIVE PERFORMANCE		NAKANISHI, YOSHIKAZU	2,776,088
MEPSCHEN, ANDRE	2,693,493	MATERIALS INC.	2,809,280	NAKANO, KOJI	2,885,621

## Index of Canadian Patents Issued January 5, 2016

NAKANO, TOSHIHIDE	2,774,063	NOMICHI, KAORU	2,815,674	ONGINI, ENNIO	2,641,816
NAMOTO, TETSUJI	2,879,483	NORRIDGE, PAUL STEPHEN	2,679,289	ONO, KEI	2,878,834
NANO-C, INC.	2,662,522	NORTHEASTERN		ONO, MITSUNORI	2,714,351
NANOCO TECHNOLOGIES		UNIVERSITY	2,644,319	ONOHARA, KAORU	2,790,995
LTD	2,733,443	NOVA CHEMICALS		OPENHYDRO GROUP	
NARVAEZ, GUIDO GUSTAVO	2,815,589	CORPORATION	2,629,576	LIMITED	2,683,683
NASIELSKI, JOHN WALLACE	2,679,270	NOVARTIS AG	2,625,664	ORBELL, CHARLES R.	2,867,387
NATIONAL CHENG KUNG		NOVARTIS AG	2,692,778	ORBETA, FERDINAND E.	2,733,403
UNIVERSITY	2,708,844	NOVARTIS AG	2,831,659	ORBITAL ATK, INC.	2,788,459
NATIONAL INSTITUTE FOR		NOVATEL INC.	2,826,983	ORGANOVO, INC.	2,793,205
MATERIALS SCIENCE	2,810,504	NOVILCO INC.	2,637,159	ORTHO-CLINICAL	
NATIONAL RESEARCH		NOVORITA, ROBERT J.	2,814,995	DIAGNOSTICS, INC.	2,449,240
COUNCIL OF CANADA	2,578,541	NOVOZYMES A/S	2,605,258	ORTHO-MCNEIL-JANSSEN	
NATIVIDAD, FRANCISCO J.	2,836,580	NOWLAN, DANIEL THOMAS,		PHARMACEUTICALS,	
NAUMENKO, ANATOLIY	2,701,197	III	2,830,978	INC.	2,704,436
NAVARRO, FRANCISCO A.	2,674,732	NTZIACHRISTOS, VASILIS	2,731,409	ORTIZ, MARK S.	2,568,577
NEAL, EUGENE	2,863,026	NUMATA, YOSHIHARU	2,640,019	ORTLOFF ENGINEERS, LTD.	2,764,282
NEAL, KENNIETH	2,863,026	NUTLEY, BRIAN	2,668,582	ORTOVA GUT, MARTA	2,704,273
NEBOJSA, STOJANOVIC	2,769,608	NUTLEY, KIM	2,668,582	OSADA, TOSHIO	2,810,504
NEC CORPORATION	2,874,023	NUUTINEN, JUKKA-PEKKA	2,715,807	OSAKA UNIVERSITY	2,648,644
NELLCOR PURITAN BENNETT		O'BRIEN, ROBERT S.	2,819,998	OTSUKA PHARMACEUTICAL	
IRELAND	2,766,887	O'CONNELL, MARIA M.	2,807,471	CO., LTD.	2,689,079
NELLIS, GAIL MOORE	2,808,029	O'CONNOR, PATRICK	2,785,204	OTSUKA PHARMACEUTICAL	
NELSON, DONALD S.	2,881,570	O'CONNOR, THOMAS M.	2,668,934	CO., LTD.	2,885,621
NELTNER, ANDREW ERIC	2,825,606	O'HARA, MICHAEL L.	2,829,097	OTSUKA PHARMACEUTICAL	
NEMETH, TAMAS	2,687,095	O'SHEA, DANIEL M.	2,737,161	FACTORY, INC.	2,677,657
NENNIGER, JOHN	2,639,851	O-PAC S.R.L. SOCIETA A		OTSUKA, HIROMICHI	2,799,516
NENTWICK, BRIAN	2,632,294	SOCIO UNICO	2,719,781	OTTO, FRANK	2,610,459
NENTWICK, BRIAN	2,634,850	OALMANN, CHRISTOPHER	2,738,794	OUK, SAMEDY	2,802,692
NEOTHETICS, INC.	2,761,744	OBERHAENSLI, FRANZ	2,841,532	OUTOTEC OYJ	2,771,794
NERVIANO MEDICAL		OBUCHI, KAZUHISA	2,684,838	OUTOTEC OYJ	2,844,098
SCIENCES S.R.L.	2,786,509	OCHI, YUSUKE	2,719,040	OVD KINEGRAM AG	2,701,746
NEUENDORF, MAX	2,778,382	OCHIAI, MISA	2,787,832	OVD KINEGRAM AG	2,703,910
NEUFER, P. DARRELL	2,713,150	OECHSLE, WALTER	2,677,029	OVERCASH, CANDACE L.	2,808,029
NEUMAN, BENJAMIN	2,644,262	OERLIKON METCO (US) INC.	2,640,854	OWENS-BROCKWAY GLASS	
NEXANS	2,644,808	OFF, PHILIP P.	2,737,161	CONTAINER INC.	2,685,825
NEXTEK POWER SYSTEMS,		OFFENBACHER, MATTHEW	2,836,582	OXLEY, NICHOLAS	2,772,012
INC.	2,744,751	OGAWA, KENICHI	2,718,396	OZAKI, TOSHIYUKI	2,558,111
NGO, NGOC BICH	2,711,038	OGAWA, TAKAYUKI	2,861,550	OZAKI, YOSHITOMO	2,889,046
NI, ZHANGGEN	2,800,374	OGAWA, TAKESHI	2,654,629	O'NEILL, CONOR M.	2,810,691
NICHOLS, GREGORY	2,810,865	OHIKE, HIROKAZU	2,714,483	P.V. FLOOD CONTROL CORP.	2,874,982
NICHOLS, NATALIE C.M.B.	2,723,423	OHIRA, YOSHINOBU	2,648,644	PAGE, PAT	2,669,710
NICOX S.A.	2,647,859	OHRSTROM, ROLF J.	2,708,592	PAGLIA, RICHARD A.	2,691,180
NICOX SCIENCE IRELAND	2,641,816	OHTA, YOSHIAKI	2,681,127	PAISLEY, MARK A.	2,626,537
NIEKAMP, GARY J.	2,823,769	OHTA, YOSHIAKI	2,684,838	PALMER, JAMES T.	2,701,959
NIEMEYER, DOUGLAS J.	2,744,520	OHTAKE, NAOTAKA	2,837,844	PANCHETTI, MARCO	2,759,014
NIKE INNOVATE C.V.	2,683,723	OHTO, CHIKARA	2,718,396	PANDEY, BIPIN	2,825,456
NIKE INNOVATE C.V.	2,683,725	OHURA, TAKEHIKO	2,714,490	PANDUIT CORP.	2,734,133
NINGBO XIANFENG NEW		OKA, ANAND RAVINDRA	2,808,108	PANFILO, SUSY	2,692,191
MATERIAL CO., LTD	2,845,741	OKADA, HIDEKI	2,829,737	PANGA, MOHAN K. R.	2,750,454
NINOMIYA, MAKOTO	2,815,674	OKAMURA, KENTARO	2,798,778	PANGANG GROUP CO., LTD.	2,721,736
NIPPON BEE CHEMICAL CO.,		OKAZAKI, HIROFUMI	2,719,040	PANGANG GROUP	
LTD.	2,654,629	OKUNSEINDE, FOLUSO		PANZHUIHUA STEEL &	
NIPPON PAINT CO., LTD.	2,654,629	OLAIYA	2,650,169	VANADIUM CO., LTD.	2,721,736
NIPPON SODA CO., LTD.	2,813,908	OL.MI S.R.L.	2,834,150	PANGANG GROUP	
NISHIMOTO, NORIHIRO	2,648,644	OLIVE, RICHARD	2,847,592	RESEARCH INSTITUTE	
NISHIMURA, SUZUSHI	2,824,148	OLIVER, ROBERT GEORGE	2,808,108	CO., LTD.	2,721,736
NISSAN MOTOR CO., LTD.	2,878,834	OLSON, GARY S.	2,693,796	PAPAKIPOS, MATTHEW	
NOAKES, TIMOTHY JAMES	2,851,026	OMA, PETER	2,608,891	NICHOLAS	2,852,664
NOCHI, KATSUMI	2,822,023	OMAR, SALIM HAYDER	2,632,509	PAPASAKELLARIOU, ARIS	2,801,007
NOF CORPORATION	2,714,483	OMOTOSO, OLADIPO	2,874,099	PAPO, ALEKSANDAR	2,832,675
NOKIA TECHNOLOGIES OY	2,744,358	OMRON CORPORATION	2,558,111	PAPPAS, SCOTT J.	2,814,995
NOLTE, DOUGLAS A.	2,776,088	OMYA INTERNATIONAL AG	2,668,949	PARENT, STEPHANE	2,669,398
NOMI, EMI	2,654,629	ONAI, RIKIO	2,776,881	PARIGORIS, RONALD J.	2,744,751

**Index des brevets canadiens délivrés  
5 janvier 2016**

PARIS, ALEXANDRE	2,705,001	PITMAN, MICHAEL C.	2,605,374	QUALCOMM INCORPORATED	2,649,857
PARK, JONG HO	2,810,855	PIXTRONIX, INC.	2,803,899	QUALCOMM INCORPORATED	2,658,829
PARK, JOO-HWAN	2,820,975	PLASMA SURGICAL		QUALCOMM INCORPORATED	2,665,452
PARK, TAE JIN	2,775,723	INVESTMENTS LIMITED	2,695,902	QUALCOMM INCORPORATED	2,679,270
PARMETER, LARRY J.	2,832,430	PLATT, KEITH	2,796,430	QUALCOMM INCORPORATED	2,753,999
PARRETT, JOHN BENNETT	2,737,529	PLURISTEM LTD.	2,882,108	QUALCOMM INCORPORATED	2,761,980
PARVEEN, SOFIA	2,625,664	POLICELLO, GEORGE A.	2,809,280	QUEEN'S UNIVERSITY AT	
PASQUERO, JEROME	2,780,381	POLICICCHIO, NICOLA JOHN	2,780,210	KINGSTON	2,604,625
PASTOREK, JAROMIR	2,704,273	POLUTNIK, ALEKSANDER	2,481,338	RABINOVITCH, PETER MARK	2,832,675
PASTOREKOVA, SILVIA	2,704,273	POLVERARI, MARCO SAVIO	2,666,992	RABINOWITZ, HAROLD	2,661,564
PATEL, GAURAV C.	2,825,594	POLY-CLIP SYSTEM GMBH &		RACCANELLI, GIORGIO	2,687,768
PATEL, NEETA	2,530,805	CO. KG	2,760,718	RADDING, PETER EARL	2,611,800
PATEL, PANKAJ RAMANBHAI	2,825,456	POLYIC GMBH & CO. KG	2,698,548	RAGHAV, AMRITANSH	2,657,655
PATRICE, PHILIPPE	2,629,779	POLYONE DESIGNED		RAIF, RAN	2,601,313
PATRIKSSON, OLA	2,630,188	STRUCTURES AND		RAKUTEN, INC.	2,776,881
PATTERSON, MATTHEW J.	2,608,800	SOLUTIONS LLC	2,755,718	RAMANATHAN, RAJESH	2,657,655
PATTUS, FRANC EMILE JEAN	2,569,545	POMMIER, NICOLAS	2,643,765	RAMMER, RAPHAEL	2,793,576
PAVLIC, BOGDAN	2,481,338	PONTIFICIA UNIVERSIDAD		RAMSAY, JULIA LYNNE	2,817,626
PECK, JOHN PATRICK	2,836,580	CATOLICA DE CHILE	2,787,724	RAMSEY, CHRISTOPHER	
PECNIK, ROGER	2,684,388	POPPELWELL, ANDREW		PAUL	2,705,001
PEDERSEN, SVEN	2,605,258	GEORGE	2,584,222	RAMUNDI, MICHAEL	2,444,155
PEDONE, CARLO	2,625,436	POTTER, CHARLES DAVID		RANADE, RAHUL A.	2,707,942
PEEPLER, CODY R.	2,738,824	OGILVY	2,679,016	RANFT, VOLKER	2,670,201
PEGOT-OGIER, JEAN-		POULSEN HYBRID, LLC	2,775,817	RANGARAJAN, SAMPATH	2,874,023
JACQUES	2,779,340	POULSEN, PEDER ULRIK	2,775,817	RANPAK CORP.	2,585,883
PELLAND, MICHAEL J.	2,796,848	PRANDI, BERNARD	2,680,512	RAO, PRASAD	2,637,509
PERI GMBH	2,783,676	PRASAD, NARAYAN	2,874,023	RAPECKI, STEPHEN EDWARD	2,584,222
PERKINELMER HEALTH		PRATT & WHITNEY CANADA		RAPTA, MIROSLAV	2,678,073
SCIENCES, INC.	2,669,398	CORP.	2,727,184	RASHISH, ILAN	2,525,357
PERNI, ROBERT B.	2,738,794	PREISS, ASSAF	2,557,027	RAU, ALLEN H.	2,735,822
PEROXYCHEM LLC	2,713,346	PRESTEL, SEBASTIEN JEAN		RAUCKHORST, HOLLY	
PERROT, VINCENT	2,718,847	LAURENT	2,643,538	BALASUBRAMANIAN	2,825,606
PERRY, LOU	2,637,509	PRESTIDGE, MARK		RAUTE OYJ	2,655,772
PERRY, RICHARD BRIAN	2,817,626	JONATHAN	2,705,001	RAUTIAINEN, JUHA	2,655,772
PESSIN, JEAN-LOUIS	2,675,144	PREZA, LETICIA M.	2,678,073	RAY, JAY RICHARD, II	2,857,043
PESSIN, JEAN-LOUIS	2,682,863	PRIDE, BRUCE MICHAEL	2,757,886	RAYNER, JOSH	2,675,144
PETERS, ALEXANDER		PRIETO, GLOVER RUIZ	2,756,547	RAYSEARCH LABORATORIES	
VOLKER	2,650,444	PRINGLE, STEVEN DEREK	2,626,209	AB (PUBL)	2,668,374
PETERS, CARMEN	2,606,809	PRITCHARD, BRIAN SCOTT	2,457,153	RAYSHUBSKIY, ALEKSANDR	2,605,374
PETIT, PETER J.	2,693,946	PRITCHARD, GORDON		RAZANSKY, DANIEL	2,731,409
PETTA, GABRIEL	2,708,592	WILLIAM	2,457,153	REACTIVE TECHNOLOGIES	
PETTIT, GEORGE H.	2,687,547	PROCHAZKA, ARTHUR	2,637,851	LIMITED	2,830,647
PEYROT, JACQUES	2,680,512	PROMMERSBERGER, MEGAN	2,632,294	RECKAMP, STEVEN R.	2,796,848
PFALTZ, ANDREAS	2,706,071	PROMMERSBERGER, MEGAN	2,634,850	REDFERN, DAVID	2,625,067
PFEFFER, HOWARD	2,525,173	PROTEINSIMPLE	2,608,891	REDSENSE MEDICAL MALTA	
PHILERA NEW ZEALAND		PROVIDENCE HEALTH &		LTD.	2,571,186
LIMITED	2,632,697	SERVICES - OREGON	2,606,809	REFINE, LLC	2,665,209
PHILLIPS, ANTHONY		PROVOST, MICHAEL	2,663,585	REFOCUS GROUP, INC.	2,838,409
RONALD JOHN	2,632,697	PRUITT, JOHN DALLAS	2,692,778	REHABTRONICS INC.	2,637,851
PHILLIPS, ROBERT	2,525,357	PRUITT, MARTIN	2,707,080	REICHOW, ALAN W.	2,683,723
PHIPPS, TROY	2,772,012	PRYSMIAN S.P.A.	2,704,241	REICHOW, ALAN W.	2,683,725
PIAGGIO & C.S.P.A.	2,781,005	PTCHELINTSEV, DMITRI S.	2,707,768	REIHANIFAM, MOHSEN	2,844,234
PIANKA, DARIUSZ	2,837,143	PUGIN, BENOIT	2,706,071	REILLY, JACK J.	2,604,287
PICATTO, FABIO	2,759,014	PULICI, MAURIZIO	2,786,509	REIS, DANIELA	2,746,488
PICKETT, NIGEL	2,733,443	PURDY, MICHAEL LORNE	2,756,547	REISFELD, RALPH A.	2,519,953
PIERCE, RYAN KENDALL	2,653,139	PUSTANYK, RANDY	2,775,856	REISINGER, SANDRA	2,694,096
PIERSON, DAVID A.	2,585,883	PUTTLITZ, CHRISTIAN		REMMEREIT, JAN	2,657,804
PIGEON, NICOLE	2,756,523	MATTHEW	2,734,690	REMPE, WILLIAM	2,767,704
PIGEON, STEVEN	2,737,476	PYLKANEN, VESA	2,887,149	RENAUDO, CHRISTOPHER P.	2,723,423
PIKE, HILARY ALISON	2,650,169	QI, YOU MAO	2,819,007	RENIER, DAVIDE	2,692,191
PINKERTON, ANTHONY	2,785,204	QIN, FUHAO	2,687,095	RENNER, GERHARD	2,738,197
PINTZ, MICHAEL A.	2,585,883	QIU, XIAO	2,659,993	RENON, OLIVIER	2,643,614
PIPER, CATHERINE JULIA	2,817,626	QU, QI	2,815,589	REQUET, FABRICE	2,829,244
PIROLLO, KATHLEEN F.	2,638,899	QUALCOMM INCORPORATED	2,601,313	RESONANT MEDICAL INC.	2,651,437

## Index of Canadian Patents Issued January 5, 2016

RETSINA, THEODORA	2,887,149	RUTGERSSON, LARS	2,571,186	SCHAEFFLER	
RETTTELACH, NIKOLAUS	2,778,382	RUTHERFORD, STEVEN	2,887,149	TECHNOLOGIES AG &	
REUTER, MARKUS	2,844,098	RWM SCHWEIZ AG	2,620,844	CO. KG	2,723,844
REVENTON, ADRIAN	2,820,660	RYAN, BARRY GERARD	2,760,495	SCHELSKE, ELDON	2,773,843
REVENTON, ADRIAN PETER	2,874,099	RYHANEN, JOUKO	2,715,807	SCHERB, THOMAS	2,746,488
REYES BOZO, LORENZO	2,787,724	RYU, EUN HYUN	2,820,975	SCHIAFFO, ANTONIO	2,704,241
REYES, VICTOR	2,795,637	S.M.E. PRODUCTS LP	2,764,282	SCHILDWACHTER, WILLIAM	2,733,403
RHEIN-KNUDSEN, ERIK	2,682,863	S.P.C.M. SA	2,594,856	SCHILLING, ANDREAS	2,701,746
RHODIA OPERATIONS	2,805,019	S.P.C.M. SA	2,715,858	SCHILLINGS, BENOIT M.	2,879,128
RHODIA OPERATIONS	2,837,844	S.P.C.M. SA	2,721,478	SCHIMNOWSKI, KENNETH	
RICCOBENE, THOMAS	2,718,582	SAATHOFF, KIRK R.	2,696,884	ROGER	2,745,275
RICH, RONALD	2,585,883	SAAVEDRA, RAFAEL	2,715,020	SCHINDLER, ULRICH	2,668,949
RICHARD, ALAIN	2,639,590	SABET, SAMEH A.	2,676,925	SCHLAEPPER, CHRISTIAN	2,844,234
RICHARDS, JOSEPH C.	2,713,346	SACHTLEBEN PIGMENTS OY	2,742,415	SCHLEGEL, BERNARD	2,828,814
RICHARDS, RANDALL	2,824,654	SADO, KRZYSZTOF	2,723,884	SCHLUMBERGER CANADA	
RICHTER, HENNING	2,662,522	SAEZ NAVARRETE, CESAR		LIMITED	2,621,034
RICOH COMPANY, LTD.	2,816,696	ANTONIO	2,787,724	SCHLUMBERGER CANADA	
RIDDLE, TOM FRANCIS	2,737,529	SAGAM DEFENSE SECURITE	2,743,735	LIMITED	2,624,766
RIGAKU CORPORATION	2,806,826	SAGEM DEFENSE SECURITE	2,826,455	SCHLUMBERGER CANADA	
RIGHTSCALE, INC.	2,715,020	SAIMI, HIDETOMO	2,879,483	LIMITED	2,675,144
RING & PINION SERVICE, INC.		SAINT-GOBAIN		SCHLUMBERGER CANADA	
D.B.A. RANDY'S RING &		PERFORMANCE		LIMITED	2,682,863
PINION	2,658,750	PLASTICS CORPORATION	2,785,662	SCHLUMBERGER CANADA	
RIPKA, WILLIAM	2,785,204	SAITO, SANSHIRO	2,728,163	LIMITED	2,690,954
RIZK, NABIL AMIR	2,658,829	SAKAKIBARA, JIN	2,661,564	SCHLUMBERGER CANADA	
ROBERTS, TED	2,727,487	SAKANE, MASATAKA	2,818,657	LIMITED	2,750,454
ROBERTSSON, JOHAN O. A.	2,776,587	SAKURAI, MIKA	2,700,498	SCHLUMBERGER CANADA	
ROBILOTTO, ANTHONY T.	2,736,221	SAKURAI, SEIYA	2,795,637	LIMITED	2,776,587
ROBINEAU, PASCALE	2,646,892	SALAMI, REDWAN	2,778,382	SCHLUMBERGER CANADA	
ROBINSON, JAMES		SALGAR, MAYUR	2,638,072	LIMITED	2,816,695
ALEXANDER	2,708,673	SAMARAS, ZISSIS	2,627,107	SCHLUMBERGER CANADA	
ROBINSON, JAMES		SAMSUNG ELECTRONICS		LIMITED	2,817,871
ALEXANDER	2,756,547	CO., LTD.	2,797,556	SCHLUMBERGER CANADA	
ROBY, PHILIPPE	2,669,398	SAMSUNG ELECTRONICS		LIMITED	2,818,899
ROCKWELL		CO., LTD.	2,798,963	SCHLUMBERGER CANADA	
AUTOMATION, INC.	2,687,696	SAMSUNG ELECTRONICS		LIMITED	2,822,564
RODRIGUES, PAUL	2,643,614	CO., LTD.	2,801,007	SCHLUMBERGER CANADA	
ROGAWAY, PHILLIP	2,668,676	SANADA, KAZUNORI	2,774,063	LIMITED	2,826,888
ROMBOUT, FERDINAND	2,683,779	SANCHEZ, ANA	2,820,660	SCHMEHL, THOMAS	2,834,063
ROMO, PASI	2,687,074	SANCHEZ, ANA CRISTINA	2,874,099	SCHMIDT, JENS	2,578,541
RORABAUGH, MICHAEL E.	2,834,093	SANG, JIANHUA	2,845,741	SCHMIDT, CARL	2,658,750
ROSATI, WASYL	2,697,398	SANJO, MASAHIRO	2,776,881	SCHMIDT, KURT	2,822,564
ROSCA, JUSTINIAN	2,735,865	SANKARIDURG, PADMAJA		SCHMIDT, THOMAS	2,831,659
ROSENBERG, DAVID M.	2,788,459	RAJAGOPAL	2,653,286	SCHMITTER, JEAN-MARIE	2,646,892
ROSENBERG, JOERG	2,669,938	SANOFI-AVENTIS SPA	2,646,892	SCHMITZ, MITHAT	2,771,794
ROSENBERG		SAPIENTE, JOSEPH	2,838,528	SCHNEIDER ELECTRIC	
HOCHFREQUENZTECHNI		SAPP, KEVIN ALLEN	2,658,829	INDUSTRIES SAS	2,643,919
K GMBH & CO. KG	2,666,483	SARAFEDDINOV, ALLA	2,706,325	SCHNEIDER ELECTRIC	
ROSENOFF, DOUGLAS T.	2,361,021	SAREPTA THERAPEUTICS,		INDUSTRIES SAS	2,794,131
ROSENTHAL, JARED A.	2,831,880	INC.	2,644,262	SCHNEIDER ELECTRIC IT	
ROTH, ALEXANDER	2,693,889	SARTORIUS, THOMAS		CORPORATION	2,637,509
ROTH, STANLEY A.	2,679,599	ANDREW	2,658,829	SCHNEIDER ELECTRIC USA,	
ROTH, WOLFGANG	2,669,938	SASTRY, CHELLURY R.	2,735,865	INC.	2,801,073
ROTHWELL, TIMOTHY C.	2,643,765	SATA, KAUSHIK	2,825,456	SCHNEIDER, RICHARD J.	2,648,100
ROUSSEAU, GUILLAUME	2,667,111	SATO, AKI	2,714,490	SCHNEIDER, ROBERT S.	2,687,696
RUCKER, DAVID CALVERT	2,780,210	SATO, MASAYASU	2,834,517	SCHNELL, CHRISTIAN RENE	2,643,614
RUF, BERTHOLD	2,628,511	SATO, TOMOHIRO	2,776,881	SCHNELL, RODNEY ALAN	2,760,495
RUMBAUGH, MICHAEL A.	2,832,430	SATO, TOSHIRO	2,728,163	SCHOLER, MICHAEL	2,676,264
RUNDE, CRAIG	2,361,021	SATRAN, AMIR	2,743,033	SCHREINER, GARY	2,696,222
RUOHONEN, ARJA-LEENA	2,742,415	SAVIANO, MICHELE	2,625,436	SCHUBERT, MARK A.	2,752,824
RUPPERT, KLAUS	2,778,908	SAVICH, MILAN H.	2,693,796	SCHULER, BERNHARD	2,625,067
RUSSELL, CHIRS S.	2,714,360	SAXBY, CARL	2,695,597	SCHULLER, DAVID WILLIAM	2,780,210
RUSZKOWSKI, PIOTR	2,887,025	SCAFURO, NICOLA	2,704,241	SCHULTE-NOELLE,	
RUSZKOWSKI, PIOTR	2,887,039	SCHAD, JOHANNES	2,698,548	CHRISTIAN	2,723,844

**Index des brevets canadiens délivrés  
5 janvier 2016**

SCHULTES, KLAUS	2,723,884	SIEMENS		SONG, YONG MANN	2,820,975
SCHULZ, HELMUTH	2,712,053	AKTIENGESELLSCHAFT	2,677,029	SONG, YONGMIN	2,765,377
SCHUMAIER, DANIEL R.	2,805,559	SIEMENS		SOPRA STERIA AS	2,662,983
SCHWAMBERGER, BRIAN CHRISTOPHER	2,790,301	AKTIENGESELLSCHAFT	2,704,795	SOULA, GERARD	2,609,618
SCHWANZ, CHRISTOPH	2,821,150	SIEMENS		SOUPIZON, JEAN-LUC	2,643,538
SCHWARTZ, YITZHACK	2,557,027	AKTIENGESELLSCHAFT	2,707,094	SOUPIZON, JEAN-LUC	2,643,614
SCHWITZKY, VOLKMAR ROLF	2,839,394	SIEMENS CORPORATION	2,735,865	SOWDEN, IKE S.	2,832,702
SCIENTIFIC GAMES HOLDINGS LIMITED	2,793,803	SIEMENS INDUSTRY, INC.	2,735,865	SPEAKMAN, NICKOLAS	2,675,281
SCIRICA, PAUL A.	2,650,352	SIEMENS INDUSTRY, INC.	2,792,496	SPECTRACURE AB	2,505,642
SCOTT, CAMERON	2,510,047	SIERCKS, KNUT	2,780,584	SPELBRINK, ROBIN ERIC JACOBUS	2,704,845
SCOTT, DAN E.	2,749,776	SIGNAL PROCESSING DEVICES SWEDEN AB	2,655,506	SPENCER, BRADFORD LAWRENCE	2,719,139
SCOTT, SEAN M.	2,719,593	SILVA, LUIZ CARLOS	2,746,488	SPENCO MEDICAL CORPORATION	2,700,571
SCOTTI, DAVIDE FABIO	2,781,005	SIMMELINK, JOSEPH ARNOLD PAUL MARIA	2,650,444	SPINDLER, FELIX	2,706,071
SEABASED AB	2,734,589	SIMMONS, SEAN BARTHOLOMEW	2,808,108	SPINE WAVE, INC.	2,777,777
SEABASED AB	2,734,602	SIMONS, DAVID R.	2,817,634	SPITZER, DONALD P.	2,815,766
SECURITY FIRST CORP.	2,668,676	SIMUNOVIC, JOSIP	2,758,110	SPIVACK, NOVA	2,879,157
SEEGER, WERNER	2,834,063	SINGH, ABTAR	2,499,201	SPIVACK, NOVA	2,883,974
SEGEV, AMIT	2,589,523	SINGH, ANIL	2,822,564	SPORTIS, FABIENNE	2,829,244
SEIDENSTICKER, PETER	2,636,749	SINGH, MANVINDER	2,719,139	ST-PIERRE, MICHEL	2,637,159
SEIFERLING, BERNHARD	2,831,659	SINGH, RAVI	2,758,364	STANLEY, KEITH	2,545,613
SEKI, TAKASHI	2,824,148	SINK, JOSEPH	2,638,402	STARK, SALLY ANN	2,643,765
SELEXAGEN THERAPEUTICS, INC.	2,785,204	SIRTRIS PHARMACEUTICALS, INC.	2,738,794	STEEMAN, REINARD JOZEF MARIA	2,650,444
SELLA, WILLIAM THOMAS	2,881,734	SK BIOPHARMACEUTICALS CO., LTD.	2,686,926	STEIN, DAVID A.	2,644,262
SELLE, ANDREW	2,810,865	SK INNOVATION CO., LTD.	2,810,855	STEMPEL, BRIAN MICHAEL	2,658,829
SELVITELLI, DAVID M.	2,773,487	SKOWRONEK, KRZYSZTOF JERZY	2,837,143	STEPANOV, EUGENE	2,663,396
SEPULVEDA REYES, JUVENAL ANTONIO	2,822,314	SKROBACH, ANN	2,449,240	STEPHAN CONSULTING CORPORATION	2,669,545
SEQUENTRIC ENERGY SYSTEMS, LLC	2,830,426	SKYSTREAM NETWORKS INC.	2,780,702	STEPHAN, DOUGLAS W.	2,669,545
SEQUOIA PHARMACEUTICALS, INC.	2,665,933	SLAVEJKOV, ALEKSANDAR GEORGI	2,827,865	STICCHI, PAOLO	2,667,956
SERBAYEVA, RAISA	2,755,925	SMART MEDICAL SYSTEMS LTD.	2,652,424	STILL, RAPHEAL R.	2,585,883
SEYDA, AGNIESZKA	2,530,422	SMART PACKAGING SOLUTIONS (SPS)	2,629,779	STOCK, DAVID	2,817,626
SHACKELFORD, DWIGHT RAY	2,570,948	SMILANSKY, ZEEV	2,517,566	STOKKE, RYAN M.	2,788,187
SHAFFER, GARY MARK	2,663,564	SMITH & NEPHEW PLC	2,695,597	STONE, PETER	2,644,319
SHAFRAN, OHAD	2,652,424	SMITH, EARL LEO, III	2,653,286	STONIS, LUKE C.	2,643,765
SHAH, ARVIND N.	2,706,107	SMITH, LAWRENCE J.	2,745,940	STOOD, JAN	2,630,188
SHAKESPEARE, JOHN F.	2,620,191	SMITH, RODNEY WAYNE	2,658,829	STRAESSLER, NICHOLAS A.	2,788,459
SHALAM, DAVID M.	2,799,061	SMITH, RYAN TRACY	2,743,703	STRAKA, FRANK M.	2,734,133
SHANGHAI WORTH GARDEN PRODUCTS CO., LTD.	2,847,662	SNECMA	2,550,784	STRATO, INC.	2,832,702
SHAWCOR LTD.	2,659,548	SNECMA	2,621,711	STRAUB, BENJAMIN	2,751,203
SHEIKH, ALI	2,675,556	SNECMA	2,639,211	STRAUMANN HOLDING AG	2,751,203
SHEPHERD, BENJAMIN	2,793,205	SNECMA	2,643,538	STRAUSS, BRADLEY, H.	2,589,523
SHERKIN, ALEXANDER	2,758,364	SNECMA	2,643,614	STREB, CHRISTINA	2,703,910
SHIBAYAMA, SATOSHI	2,889,451	SNECMA	2,655,916	STREETER, GARY	2,793,803
SHIGETOMI, TOSHIKAZU	2,790,995	SNECMA	2,718,847	STREETT, DAREN EUGENE	2,658,829
SHIINO, DAIJIRO	2,714,483	SNIFFIN, KEVIN	2,640,346	STROEMSTEDT, ERLAND	2,734,589
SHIMADA, MASAHIKO	2,714,483	SNOW, CHRISTOPHER HARRIS	2,808,108	STRYKER CORPORATION	2,718,267
SHIMANE PREFECTURAL GOVERNMENT	2,707,912	SNYDER, KRISTI K.	2,736,221	STRYKER IRELAND LIMITED	2,639,590
SHIMAZU, HIDETO	2,841,689	SOERENSEN, HANNE RISBJERG	2,605,258	STUART, IAIN CHARLES EDWARD	2,705,001
SHIMIZU, BUNSHICHI	2,664,799	SOFEIR, MAURICE	2,646,892	SUBBIAN, DEEPAKUMAR	2,638,072
SHIMOJI, MANABU	2,776,088	SOKEL, JUSTIN W.	2,817,012	SUGIMOTO, HIROKI	2,718,396
SHIRAIWA, HIROTAKE	2,700,498	SOLVIAS AG	2,706,071	SUGIYAMA, KATSUMASA	2,684,838
SHIRLEY, BRAD	2,714,360	SOMAVAT, ROMEL	2,825,594	SULAK, DUANE M.	2,700,571
SHTIEGMAN, ERAN	2,657,655			SULEJ, AGATA AGNIESZKA	2,837,143
SICPA HOLDING SA	2,694,981			SULL, TIMOTHY E.	2,585,883
				SULLIVAN, PHILIP F.	2,818,899
				SULZER CHEMTECH AG	2,603,438
				SUMITOMO METAL MINING CO., LTD.	2,889,046
				SUNCOR ENERGY INC.	2,820,660

## Index of Canadian Patents Issued January 5, 2016

SUNCOR ENERGY INC.	2,874,099	TAYLOR BIOMASS ENERGY, LLC	2,626,537	THERRIEN, PETER	2,638,402
SUNTORY HOLDINGS LIMITED	2,613,345	TAYLOR, AMELIA E.	2,721,478	THIRD WAVE TECHNOLOGIES, INC.	2,654,016
SUNTORY HOLDINGS LIMITED	2,787,832	TAYLOR, CLEMENT G.	2,841,216	THOMAS, ALEC REID	2,811,570
SUSLOV, NIKOLAY	2,695,902	TAYLOR, GEOFFREY L.	2,718,267	THOMAS, CECIL D.	2,836,580
SUTHERLAND, FRASER WILLIAM HAVERN	2,712,110	TAYLOR, MATTHEW L.	2,815,766	THOMAS, ROGER D.	2,643,397
SUTHERLAND, YING	2,712,110	TEAGUE, EDWARD HARRISON	2,753,999	THOMM, MICHAEL	2,657,804
SUTTON, THOMAS B.	2,669,299	TEBBUTT, KYLER	2,760,495	THOMPSON, ALBERT N.	2,643,560
SUZUKI, NAOTO	2,705,916	TEIKOKU SEIYAKU CO., LTD.	2,714,490	THOMSON LICENSING	2,613,998
SUZUKI, YUTAKA	2,815,674	TEKNOLOGIAN		THOMSON LICENSING	2,704,479
SVANBERG, KATARINA	2,505,642	TUTKIMUSKESKUS VTT OY	2,662,489	THORLEY INDUSTRIES LLC	2,831,880
SVANBERG, SUNE	2,505,642	TELLAS, RONALD L.	2,734,133	THORNE, GLEN V.	2,742,778
SVENSSON, FREDRIK	2,571,186	TEMPUR WORLD, INC.	2,809,124	THORNE, HENRY F.	2,831,880
SWEENEY, PHILIP GERDON	2,670,201	TENNISBERG, TARGO	2,619,230	TICKLE, SIMON PETER	2,584,222
SWELLTEC LIMITED	2,668,582	TER HEIDE, DOMINIEK	2,879,157	TIEDEMANN, EDWARD G., JR.	2,679,270
SYLTHE, OLAV ANDRE	2,545,940	TER HEIDE, DOMINIEK	2,883,974	TIELEMANS, MICHEL	2,723,464
SYMBIOTIC TECHNOLOGIES PTY LTD	2,653,633	TERASAKI, TAKAYUKI	2,878,834	TIME WARNER CABLE ENTERPRISES LLC	2,525,173
SYNACT PHARMA APS	2,688,485	TERLIUC, GAD	2,652,424	TINE, STEVEN D.	2,814,995
SYNCRUDE CANADA LTD.	2,719,880	TERPIN, MATJAZ	2,481,338	TINNAKORNSRISUPHAP, PEERAPOL	2,679,270
SYNGENTA PARTICIPATIONS AG	2,686,878	TERUI, SHIGEKI	2,640,019	TITAN TRAILERS INC.	2,665,668
SYNGENTA PARTICIPATIONS AG	2,817,626	TESAR, MILAN	2,714,962	TODD, KIRK W.	2,643,397
SYNGENTA PARTICIPATIONS AG	2,846,543	TETRONICS (INTERNATIONAL) LIMITED	2,681,761	TOKYO INSTITUTE OF TECHNOLOGY	2,824,148
SZABO, LORAND	2,776,170	TEUFEL, RANIER BERNHARD	2,780,210	TOME, DANIEL	2,650,495
SZETO, HAZEL H.	2,713,150	TEZEL, AHMET	2,724,848	TOMINAGA, MICHIAKI	2,689,079
T.F.H. PUBLICATIONS, INC.	2,703,699	THALES	2,656,453	TOMPKIN, WAYNE ROBERT	2,701,746
TACHIBANA, TATSUHIKO	2,700,498	THE BOEING COMPANY	2,674,732	TORAYA, HIDEO	2,806,826
TADANO, KENTARO	2,689,079	THE BOEING COMPANY	2,795,637	TOSHIBA MITSUBISHI- ELECTRIC INDUSTRIAL SYSTEMS CORPORATION	2,774,063
TAJIMA, YOSHIHARU	2,684,838	THE BOEING COMPANY	2,831,515	TOUBIA, SOUHAIL	2,569,878
TAKAHASHI, MADOKA	2,824,148	THE BOEING COMPANY	2,834,093	TOWER LABORATORIES, INC.	2,735,822
TAKAHASHI, MAKOTO	2,714,490	THE BRIGHAM AND WOMEN'S HOSPITAL, INC.	2,644,319	TOYOBUKU, HIDEKAZU	2,885,621
TAKAIRA, YOSHIKI	2,654,629	THE COLMAN GROUP, INC.	2,796,848	TOYODA, MASAHIRO	2,789,028
TAKALA, JANNE	2,744,358	THE PROCTER & GAMBLE COMPANY	2,780,210	TOYOSHIMA, KENICHI	2,878,834
TAKANO, KENTAROU	2,675,970	THE PROCTER & GAMBLE COMPANY	2,790,301	TOYOTA JIDOSHA KABUSHIKI KAISHA	2,718,396
TAKANO, MASATOSHI	2,889,046	THE PROCTER & GAMBLE COMPANY	2,817,961	TRABANCO-SUAREZ, ANDRES AVELINO	2,680,125
TAKEDA PHARMACEUTICAL COMPANY LIMITED	2,664,799	THE PROCTER & GAMBLE COMPANY	2,825,606	TRABANCO-SUAREZ, ANDRES AVELINO	2,704,436
TAKEMURA, KIYOKAZU	2,640,019	THE PROCTER & GAMBLE COMPANY	2,833,609	TRAQUANDI, GABRIELLA	2,786,509
TAKEUCHI, HIROFUMI	2,885,621	THE PROCTER & GAMBLE COMPANY	2,833,609	TRAVIS, PAUL	2,648,418
TAKI, TAKAO	2,689,079	THE PROCTER & GAMBLE COMPANY	2,833,609	TRAXXAS LP	2,714,360
TAMAI TETSUO	2,813,908	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,652,883	TREMBLAY, KATHLEEN	2,773,487
TAMMINEN, RAUNO JUHANI	2,744,358	THE RESEARCH FOUNDATION FOR MICROBIAL DISEASES OF OSAKA UNIVERSITY	2,664,799	TRESADERN, GARY JOHN	2,704,436
TAMURA, MAKI	2,798,778	THE SCRIPPS RESEARCH INSTITUTE	2,519,953	TRINE ACCESS TECHNOLOGY, INC.	2,733,403
TANAKA, ATSUMI	2,790,995	THE SCRIPPS RESEARCH INSTITUTE	2,644,262	TROTTET, LIONEL	2,705,113
TANAKA, KATSUMI	2,707,966	THE UNIVERSITY OF BRITISH COLUMBIA	2,725,535	TRPKOVSKI, PAUL	2,704,965
TANAKA, SHUHEI	2,817,961	THE YOKOHAMA RUBBER CO., LTD.	2,889,451	TRUAX, JEROME A.	2,805,173
TANAKA, TOMOKO	2,718,396	THERAVANCE BIOPHARMA R&D IP, LLC	2,678,073	TRUTH HARDWARE CORPORATION	2,776,088
TANAKA, YOSHINORI	2,684,838			TRZYBINSKI, ROBERT EUGENE	2,613,998
TANAKA, YUKITAKA	2,841,689			TSANN KUEN (ZHANGZHOU) ENTERPRISE CO., LTD.	2,760,034
TANDERUP, STEEN	2,650,444			TSELNIK, OLEG	2,809,280
TANG, LI	2,721,736			TSINGHUA UNIVERSITY	2,859,723
TANG, MAN-WING	2,755,925			TSUBOTA, MASAFUMI	2,728,163
TANG, MINJIE	2,783,793			TSUJI, MACHIKO	2,689,079
TANG, YI	2,652,883			TSUNEISHI, HIROMASA	2,689,079
TANI, KENTARO	2,728,163				
TAO, GONGMING	2,721,736				
TARSANDS RECOVERY LTD.	2,669,710				
TATOUT, CHRISTOPHE	2,694,899				
TAVES, ROBERT	2,712,530				

**Index des brevets canadiens délivrés  
5 janvier 2016**

TSUNODA, HIROYUKI	2,700,498	UOP LLC	2,850,604	VOICEAGE CORPORATION	2,778,382
TSURUOKA, KUNIAKI	2,714,483	UPTAKE MEDICAL CORP.	2,587,909	VOITH PATENT GMBH	2,746,488
TSUZAKI, YASUNORI	2,705,916	URDACI, MARIA CAMINO	2,646,892	VOKINGER, URS	2,780,584
TU, VAN QUY	2,756,523	URSO, STEFANO	2,759,014	VON EICKEN, THORSTEN	2,715,020
TUFFBUILT PRODUCTS INC.	2,672,082	UT-BATTELLE, LLC	2,798,638	VONESH, MICHAEL J.	2,737,161
TULCHINSKY, EVGENY	2,743,033	UTLEY, DAVID S.	2,630,565	VORMISTO, HARRI	2,651,922
TUOMIKOSKI, TUOMO	2,715,807	VALDES-GONZALEZ, TANIA	2,689,079	VOSWINCKEL, ROBERT	2,834,063
TURCOTTE, ANDREW JAMES	2,583,062	VALE INCO LIMITED	2,627,107	VU, CHI B.	2,738,794
TURNER, SEAN COLM	2,691,529	VALKIRS, GUNARS	2,625,664	W. L. GORE & ASSOCIATES, INC.	2,737,161
TUSTIN, GARY JOHN	2,818,899	VALSAN, ZICA	2,663,568	W. L. GORE & ASSOCIATES, INC.	2,817,029
TWISSELL, PETER	2,777,009	VALTANEN, JUHA	2,715,807	W. L. GORE & ASSOCIATES, INC.	2,829,097
TYCO ELECTRONICS SUBSEA COMMUNICATIONS LLC	2,676,925	VAN BERKEL, GARY J.	2,798,638	W. L. GORE & ASSOCIATES, INC.	2,817,012
TYCO FIRE & SECURITY GMBH	2,663,564	VAN BUSKIRK, ROB G.	2,736,221	W. L. GORE & ASSOCIATES, INC.	2,817,012
TYCO HEALTHCARE GROUP LP	2,632,294	VAN DER VELDEN, GERT	2,723,890	W. L. GORE & ASSOCIATES, INC.	2,817,012
TYCO HEALTHCARE GROUP LP	2,634,850	VAN ELBURG, JOHANN	2,650,444	WADA, YUKINORI	2,705,916
TYCO HEALTHCARE GROUP LP	2,640,346	VAN LANT, TYLER	2,823,769	WAGNER, LORI L.	2,681,554
TYCO HEALTHCARE GROUP LP	2,650,352	VAN MASTRIGT, ELMAR	2,693,493	WAGNER, OLIVER	2,625,067
TYCO HEALTHCARE GROUP LP	2,773,487	VAN OOSTRUM, CHRISTIAN	2,630,188	WAGONER, ROBERT GREGORY	2,826,437
TYCO HEALTHCARE GROUP LP	2,823,093	VAN SONSBECK, ROGER JAN	2,625,067	WALDMANN, HERMAN	2,350,210
TYCO HEALTHCARE GROUP LP	2,838,528	VANDER HEIDEN, MATTHEW G.	2,659,956	WALLACE, MICHAEL P.	2,630,565
TYHURST, TIMOTHY RICHARD	2,632,509	VANEK, DAVID	2,650,444	WALSH, DAVID A.	2,723,540
U-HAUL INTERNATIONAL, INC.	2,482,358	VANIER, GRACE	2,645,085	WALTHERS, CHRISTOPHER M.	2,858,263
UBE INDUSTRIES, LTD.	2,705,916	VANNEYRE, ALAIN	2,729,333	WAN, EILEEN	2,659,548
UCB PHARMA S.A.	2,584,222	VARRIANO-MARSTON, ELIZABETH	2,698,005	WAN, YUECHUN	2,653,742
UCHIYAMA, YUKO	2,689,079	VATS, NIKHIL	2,758,364	WANG, CHANG YI	2,648,056
UGGERI, FULVIO	2,759,342	VDV R&D BVBA	2,723,890	WANG, JUN	2,679,270
UHDE INVENTA-FISCHER GMBH	2,698,288	VECTURA GMBH	2,834,063	WANG, XIAOCHUAN	2,629,576
ULTRA PROIZVODNJA ELEKTRONSKIH NAPRAV D.O.O.	2,481,338	VEGA RAMIRO, JUAN ANTONIO	2,704,436	WANG, YAO	2,859,723
ULTRASEPTICS, INC.	2,758,110	VELEZ, JUAN M.	2,569,878	WANG, YUE	2,687,095
UNDERDOWN, JEFFREY	2,686,963	VELILLA, SIMPLICIO	2,766,640	WARD, HANS	2,510,047
UNDERGROUND SYSTEMS, INC.	2,759,045	VENTUS MEDICAL, INC.	2,653,139	WARD, MICHAEL	2,597,980
UNGER, LILIANE	2,691,529	VENZMER, JOACHIM	2,636,749	WARDIUS, DON S.	2,610,459
UNILEVER PLC	2,686,963	VERINT SYSTEMS LTD.	2,665,959	WATER OPTIMIZER L.L.C.	2,668,934
UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC	2,715,287	VERMERSCH, CAROLE	2,729,333	WATLING, SHAWN	2,654,873
UNITED BIOMEDICAL, (ASIA) INC.	2,648,056	VERNEUIL, BERNARD	2,646,892	WATSON, ANDREW BENJAMIN	2,825,606
UNITED BIOMEDICAL, INC.	2,648,056	VERNIER, JEAN-MICHEL	2,675,358	WATSON, JAMES N.	2,766,887
UNITED THERAPEUTICS CORPORATION	2,723,540	VERNIER, JEAN-MICHEL	2,785,204	WAVEFRONT RESERVOIR TECHNOLOGIES LTD.	2,725,328
UNIVERSITE LAVAL	2,745,371	VERNIER, JEAN-MICHEL	2,802,692	WEATHERFORD TECHNOLOGY HOLDINGS, LLC	2,608,800
UNIVERSITE LOUIS PASTEUR DE STRASBOURG	2,569,545	VERNON, RYAN	2,772,012	WEATHERFORD TECHNOLOGY HOLDINGS, LLC	2,648,418
UNIVERSITEIT GENT	2,670,458	VESTGOETE, OERJAN	2,772,012	WEATHERHAVEN GLOBAL RESOURCES LTD.	2,742,778
UNIVERSITY OF TSUKUBA	2,818,657	VETESNIK, JAN	2,662,983	WEBER, ARNETT RYAN	2,708,673
UNWIN, MICHAEL	2,705,001	VETTER, ANDREAS	2,672,082	WEI, FEI	2,859,723
UOP LLC	2,755,925	VETTER, HEINZ	2,636,749	WEI, XIAOBO	2,859,723
UOP LLC	2,801,232	VETTER, HEINZ	2,699,057	WEINBERG, ANDREW D.	2,606,809
		VEYANCE TECHNOLOGIES, INC.	2,699,735	WEIR MINERALS AUSTRALIA LTD	2,725,536
		VIB VZW	2,611,800	WEIR MINERALS AUSTRALIA LTD	2,726,843
		VICKERS, PAUL	2,670,458	WEIR MINERALS AUSTRALIA LTD	2,727,534
		VIDEOTECH S.P.A.	2,874,982	WEISS, FRANK	2,666,483
		VIGNALE, EVELIN	2,687,768	WEISS, KEVIN	2,767,412
		VIKSOE-NIELSEN, ANDERS	2,759,342	WELCH, GREGORY C.	2,669,545
		VILLANI, FLAVIO	2,605,258		
		VILLEMOES, LARS	2,624,047		
		VILLWOCK, ROBERT	2,778,382		
		VINCENT, RICHARD	2,676,264		
		VIOLA, FRANK J.	2,639,701		
		VISIGALLI, MASSIMO	2,838,528		
		VISION CRC LIMITED	2,759,342		
		VITT, PAUL HADLEY	2,653,286		
		VOGT, JURGEN	2,596,777		
		VOGTENBERGER, PHILIPPE	2,831,659		
			2,743,735		

## Index of Canadian Patents Issued January 5, 2016

WELLS, MARVIN C.	2,684,284	YACH, DAVID PAUL	2,711,038	ZUKOWSKI, STANISLAW L.	2,817,012
WENDLING, MATTHEW T.	2,752,824	YAMADA, KAZUYA	2,879,483		
WENG, XIAOWEI	2,817,871	YAMAGUCHI, NAOTO	2,714,351		
WENIG, ROBERT I.	2,696,884	YAMAGUCHI, TOMOHIRO	2,799,516		
WERBA, GREG	2,850,604	YAMAMOTO, HIROAKI	2,748,702		
WERNER, ARMIN	2,704,795	YAMAMOTO, HIROYUKI	2,640,019		
WERNER, HANS	2,723,116	YAMAMOTO, MASAYA	2,878,834		
WERNET, WOLFGANG	2,691,529	YAMANAKA, AIKO	2,714,483		
WEST PUBLISHING		YAMASHITA, HIDEKI	2,625,067		
COMPANY D.B.A. WEST		YANAI, HIROYUKI	2,798,778		
GROUP	2,361,021	YANG, HYUN-KOO	2,798,963		
WESTPORT POWER INC.	2,826,435	YANG, MENG	2,460,985		
WETJEN, TOM	2,665,336	YANG, SHI-JUN	2,604,287		
WEYERHAEUSER NR		YANG, XUDONG	2,819,653		
COMPANY	2,700,099	YANO, KEICHI	2,816,696		
WEYERHAEUSER NR		YAO, TATSUMA	2,843,373		
COMPANY	2,641,094	YAO, ZHENGBIN	2,624,393		
WHITEFORD, JEFFERY A.	2,683,383	YI, CHIN-FENG	2,530,422		
WHYATT, GREG A.	2,668,723	YI, HAN-JU	2,686,926		
WICKE, KARSTEN	2,691,529	YM BIOSCIENCES			
WIDMAR INC.	2,639,814	AUSTRALIA PTY LTD	2,701,959		
WIDMER, URS	2,639,814	YODA, HIDEO	2,707,966		
WIEDENMANN, ULLI	2,821,150	YOKOKAWA, TADAHARU	2,810,504		
WIEGMANN, ELIJAH M.	2,831,880	YOKOTA, KAZUHIKO	2,837,844		
WIERSDORF, JASON M.	2,737,161	YONEKURA, MADOKA	2,718,396		
WILDERSON, ERIC	2,863,026	YONEMURA, MASANAO	2,822,023		
WILDGOOSE, JASON LEE	2,626,209	YONG, CHEESENG	2,625,067		
WILKINSON, DAVID J.	2,621,034	YOSHIMURA, KIMIHIKO	2,705,916		
WILKINSON, JOHN D.	2,764,282	YOUNG, OTIS	2,844,153		
WILLIAMS, SCOTT J.	2,585,883	YU, JENNY ZHAOXIA	2,611,800		
WILLIAMSON, DON	2,750,454	YUAN, JIANWEI (OLIVER)	2,545,940		
WILLIS, DANIEL	2,608,691	YUE, GUOSEN	2,874,023		
WILLIS, TREVOR E.	2,504,340	YUEN, CORY	2,722,716		
WILLOUGHBY, ANDREW J. M.	2,765,271	ZACCARO, LAURA	2,625,436		
WILSON, SHAWN M.	2,727,487	ZAH, CHUNG-HSIEN	2,679,004		
WILSON, THOMAS G.	2,777,777	ZAHIR, KATE	2,720,519		
WINTERTON, LYNN COOK	2,692,778	ZANNONI, STEPHEN A.	2,805,173		
WIRTANEN, JEFFERY	2,589,373	ZARDI, FEDERICO	2,667,956		
WON, TAE JOON	2,767,410	ZATOVICOVA, MIRIAM	2,704,273		
WOOD, CHRIS	2,846,130	ZAVADA, JAN	2,704,273		
WOOD, EDWARD T.	2,834,795	ZAVADOVA, ZUZANNA	2,704,273		
WOOD, WILLIAM I.	2,328,496	ZELLER, KATHRIN	2,628,678		
WOODMANSEE, MICHAEL	2,675,144	ZHAN, YIXIN	2,760,034		
WOODWORTH, STEPHEN T.	2,499,201	ZHANG, DONG-QING	2,704,479		
WORM, KATJA	2,707,094	ZHANG, SHUGUANG	2,344,954		
WRIGHT, CORNELL, JR.	2,650,169	ZHANG, WEIPENG	2,812,278		
WRONSKI, PETER	2,777,777	ZHANG, ZHENGYOU	2,643,481		
WU, GUOHAI	2,659,993	ZHAO, XIAOMING	2,735,043		
WU, JAMES X.	2,752,824	ZHAO, YUN	2,721,736		
WU, JIAJU	2,783,793	ZHENG, FENGLIANG	2,783,793		
WU, JUNLIANG	2,847,662	ZHOU, HE	2,519,953		
WYATT, CHARLES C.	2,809,124	ZHOU, LUBO	2,755,925		
WYSS, ADRIAN	2,706,071	ZHU, CHANG	2,859,723		
X-FLOW B.V.	2,693,493	ZHU, QINYAN	2,703,865		
XI'AN J&R FIRE FIGHTING		ZIMMERMAN, DEAN ARTHUR	2,825,606		
EQUIPMENT CO., LTD.	2,812,278	ZNIKA, PETER	2,793,576		
XIANG, RONG	2,519,953	ZOMPOLAS, NICHOLAS			
XIE, XINKAI	2,652,883	HARRY	2,755,718		
XU, CHUNCHUAN	2,759,045	ZOTZEL, JENS	2,706,325		
XU, DAN-XIA	2,578,541	ZOU, MING	2,721,736		
XU, QUAN	2,721,736	ZSIGA, ZOLTAN	2,621,711		
XU, YANG	2,807,471	ZTE CORPORATION	2,664,633		
XUE, WEN-MEI	2,679,599	ZTE CORPORATION	2,775,984		
XYBER TECHNOLOGIES, LLC.	2,766,115	ZUBOT, WARREN	2,719,880		

# Index of Canadian Applications Open to Public Inspection

December 20, 2015 to December 26, 2015

## Index des demandes canadiennes mises à la disponibilité du public

20 décembre 2015 au 26 décembre 2015

ILIFE WORKPLACE SAFETY & HEALTH LTD.	2,854,770	BROWN, MICHAEL STEPHEN	2,895,304	CUMMINS, MICHAEL D.	2,895,520
ACCO BRANDS CORPORATION	2,895,678	BRUMMITT, DALE	2,854,794	D'ANDRETA, MARK	2,894,783
ADLER, CLAIRE	2,855,403	BSH BOSCH UND SIEMENS HAUSGERATE GMBH	2,887,715	DAMODARAN, DEVI	2,878,299
ADLER, DANIEL	2,855,403	BSH HOME APPLIANCES CORPORATION	2,887,715	DANIELAK, JAKUB	2,895,366
AFRICA, THOMAS J.	2,895,678	BURMANIA, IAN	2,891,812	DANIELAK, JAKUB	2,895,520
AFTON CHEMICAL CORPORATION	2,887,764	CALDARERA, MICHAEL L.	2,892,737	DANIS, ALLEN MICHAEL	2,895,409
AGARWAL, PUNEET	2,895,624	CAMERO, JOSE	2,894,940	DAVIES, STEPHEN	2,893,229
AGUILAR, ANGEL L.	2,854,770	CAMPOMANES, MARC	2,895,729	DAY, CHRISTOPHE JUDE	2,895,531
ALBINGER, BERND	2,895,666	CARL GERINGHOFF GMBH & CO. KG	2,894,108	DEFRANKS, MICHAEL S.	2,895,615
ALSTOM TECHNOLOGY LTD	2,894,116	CARL GERINGHOFF GMBH & CO. KG	2,895,664	DEL VECCHIO, ORIN	2,895,366
AMPASS-EXPLORER CORP.	2,895,753	CARL GERINGHOFF GMBH & CO. KG	2,895,666	DEL VECCHIO, ORIN	2,895,520
APPS, WILLIAM P.	2,895,614	CARRIERE, LINDSEY M.	2,895,240	DELAROCHELLIERE, JEAN	2,851,612
ARMOR	2,895,074	CARRIERE, LYNDON J.	2,895,240	DERENNES, CHRISTOPHE	2,895,074
ASCENT AEROSPACE LTD.	2,854,894	CASSIDY, BRENDAN G.	2,895,240	DERRICK, VINCE	2,855,142
AUVIK NETWORKS INC.	2,895,304	CAYCE, CRAIG WILLIAM	2,876,610	DIECKMANN, GUNTHER HANS	2,895,595
BACZUK, ERIC A.	2,894,103	CHAN, PAUL MON-WAH	2,895,366	DIETRICH, BRANDON V.	2,895,510
BADAWY, GHADA	2,894,685	CHAN, PAUL MON-WAH	2,895,520	DITMAR, CHRISTIAN	2,895,438
BALASUBRAMANIAN, SUDHA	2,878,299	CHANDLER, STEVE	2,894,835	DODGE, TRAVIS J.	2,894,103
BALFE, MICHAEL CHARLES	2,894,116	CHANG, CHIN-CHEN	2,893,968	DREAMWELL, LTD.	2,895,615
BARINGER, CYNTHIA D.	2,887,792	CHEN, PENG	2,895,377	DROUIN, JEAN-FRANCOIS	2,868,600
BARNETT, JONATHAN K.	2,895,366	CHEN, QIYUE	2,875,377	DROUIN, NICHOLAS	2,868,600
BARNETT, JONATHAN K.	2,895,520	CHEN, XIDA	2,895,449	DRYAIR MANUFACTURING CORP.	2,854,794
BEACHNER, JAMES R.	2,895,040	CHERRY, JAMES ANDREW	2,895,304	DUDLEY, ANDREW	2,894,835
BEAUDET, ERIC	2,857,861	CHEVRIER, MARIE-PIER	2,895,438	DUNLOP, SCOTT	2,894,988
BEAULIEU, PATRICK	2,868,600	CHEVRON U.S.A. INC.	2,895,595	EDWARDS, GARETH	2,891,692
BELL HELICOPTER TEXTRON INC.	2,894,905	CHOWANIEC, DAVID	2,892,833	EGAN-WYER, DAMIEN O.	2,888,082
BENNETT, JESSICA	2,894,940	CHOWANIEC, DAVID M.	2,892,526	EGAN-WYER, MELANIE	2,888,082
BERNESKI, JIM	2,874,623	CHOWANIEC, DAVID M.	2,893,401	EGAN-WYER GROUP INC.	2,888,082
BHAGWAT, SWAROOP	2,878,299	CHOWANIEC, DAVID M.	2,894,295	EGOM, EMMANUEL E.	2,889,826
BIOSENSE WEBSTER (ISRAEL) LTD.	2,894,622	CHUNG, STEVE	2,894,996	ELKADY, AHMED MOSTAFA	2,895,409
BIOSENSE WEBSTER (ISRAEL) LTD.	2,894,930	CLAVEN, JESSE	2,894,988	EMERSON ELECTRIC CO.	2,887,959
BLACKBERRY LIMITED	2,894,685	CMP SYSTEMS, INC.	2,910,181	EMS-PATENT AG	2,894,113
BLACKBERRY LIMITED	2,895,105	COELHO, GIL	2,895,562	ENFLICK INC.	2,895,455
BLANDIN, GRANT	2,854,794	COHEN, BEN	2,895,002	ENFLICK INC.	2,895,518
BOLIVAR, ROGER E.	2,855,061	COLIGEN CORP.	2,893,968	ERICKSON, CHRIS J.	2,892,737
BOLOTNIKOV, ALEXANDER VIKTOROVICH	2,894,132	COMMISSO, DOMENIC	2,894,835	EST GROUP, INC.	2,874,623
BOLOTNIKOV, ALEXANDER VIKTOROVICH	2,894,143	CONLE, HENNING	2,895,661	EUSTERBARKEY, CARSTEN	2,894,335
BOSE, VERNON	2,855,109	CONRAD, WAYNE ERNEST	2,855,326	EXTRUCAN INC.	2,881,561
BOSE, VERNON	2,877,055	CONRAD, WAYNE ERNEST	2,857,811	FANG, GEOFFRY	2,854,169
BOURGAULT, CLAUDE	2,854,794	CORWIN, LARRY GENE, JR.	2,895,850	FANG, XINGGAO	2,887,764
BOUTHILLIER, ALAIN	2,895,729	COTE, PAUL L.	2,854,917	FARQUHAR, KEITH	2,894,373
BOUZID, AHMED	2,895,620	COVIDIEN LP	2,892,526	FARRELL, JOHN	2,854,739
BOWDEN, ROBERT	2,888,549	COVIDIEN LP	2,892,808	FARRELLY, ROBERT E.	2,895,114
BRADEN, BEN	2,887,715	COVIDIEN LP	2,892,833	FELDMAN, ALEXANDER JEFFREY	2,876,688
BROME BIRD CARE INC.	2,854,917	COVIDIEN LP	2,892,868	FESSLER, ERIC	2,894,726
BRONDUM, KLAUS	2,894,591	COVIDIEN LP	2,893,401	FINGERLE, MATTHEW	2,894,628
		COVIDIEN LP	2,894,295	FLORENTEISE	2,857,861
		CRANSTON, EMILY	2,895,292	FONTAINE COMMERCIAL TRAILER, INC.	2,881,366
		CROUZET, GILBERT-PHILIPPE	2,894,726	FORSTER, KENNETH SCOTT	2,854,965
		CUMMINS, MICHAEL D.	2,895,366	FOWLER, DAVID	2,894,295
				FOX 40 INTERNATIONAL INC.	2,891,692

**Index of Canadian Applications Open to Public Inspection  
December 20, 2015 to December 26, 2015**

FOXCROFT, DAVID RONALD	2,891,692	ILLEN PRODUCTS LTD.	2,876,688	LIN, CHING SHIUNG	2,895,377
FRANCIS, JAMES H., JR.	2,886,122	IMMUNIMED INC	2,895,217	LIN, JACK	2,895,377
FURUMACHI, NAOKI	2,894,172	IOLLI, VITTORIO	2,855,257	LINDNER, CHRISTIAN	2,895,560
G.B.D. CORP.	2,855,326	IRKA, PHILIP	2,892,833	LIU, DING	2,895,449
G.B.D. CORP.	2,857,811	IRMEN, MONIQUE L.	2,895,024	LOEPPKY, STEVE	2,854,794
GAMRACY, RICK	2,854,794	ISHIKAWA, AKIRA	2,878,984	LORENZ, MICHAEL A.	2,895,678
GANDHI, ASHISHKUMAR	2,894,835	IVECO MAGIRUS AG	2,895,450	LOSEE, PETER ALMERN	2,894,132
GARCIA-TEIJEIRO, XAVIER	2,895,549	IZAWA, HIDEO	2,878,984	LOSEE, PETER ALMERN	2,894,143
GAWRYLA, MATTHEW DANIEL	2,895,484	IZUMI, KENJI	2,855,055	LOUNSBURY, EDWARD	2,895,366
GE ENERGY POWER CONVERSION TECHNOLOGY LTD	2,894,726	IZUMI, KENJI	2,855,064	LOUNSBURY, EDWARD	2,895,520
GE ENERGY POWER CONVERSION TECHNOLOGY LTD.	2,894,136	Ji, JOHNNY	2,855,051	LUCCHI R.	
GENERAL ELECTRIC COMPANY	2,894,132	JIA, NANCY Y.	2,895,005	ELETTROMECCANICA SRL	2,894,943
GENERAL ELECTRIC COMPANY	2,894,143	JIA, NANCY Y.	2,895,027	LUCCHI, GIORGIO	2,894,943
GENERAL ELECTRIC COMPANY	2,895,388	JIA, NANCY Y.	2,895,040	LUDWIN, DORON MOSHE	2,894,930
GENERAL ELECTRIC COMPANY	2,895,409	JIN, XU	2,895,497	MAC & MAC HYDRODEMOLITION INC.	2,855,109
GENERAL ELECTRIC COMPANY	2,895,531	JONTE, PATRICK B.	2,894,591	MAC & MAC HYDRODEMOLITION INC.	2,877,055
GESTION JACQUES QUIRION INC.	2,895,889	KANUNGO, MANDAKINI	2,895,005	MACDONALD, JEFFERY RAYMOND	2,910,181
GODBOUT, KERRY ANNE	2,855,053	KANUNGO, MANDAKINI	2,895,027	MACMILLAN, KRISTIN SARAH	2,876,688
GOLIN, MICHAEL A.	2,895,615	KANUNGO, MANDAKINI	2,895,040	MACNEIL, BRETT	2,855,109
GOODRICH ACTUATION SYSTEMS LIMITED	2,893,229	KARREMANN, MARTIN	2,895,450	MACNEIL, BRETT	2,877,055
GOROKHOVSKY, VLADIMIR	2,894,591	KATAGIRI, YASUSHI	2,878,984	MACNEIL, DAVID	2,855,109
GOUPIL, HERVE	2,893,904	KATHAN, KYLE	2,894,940	MACNEIL, DAVID	2,877,055
GOVARI, ASSAF	2,894,622	KATHAN, KYLE	2,894,940	MACNEIL, GERARD	2,855,109
GRONDIN, JEREMIE	2,881,561	KATZ, NATAN SHARON	2,894,930	MACNEIL, GERARD	2,877,055
GUEST TEK INTERACTIVE ENTERTAINMENT LTD.	2,895,240	KAYE, ELIZABETH S.	2,895,021	MACNEIL, GORDON	2,855,109
GUICHARD, PIERRE JEAN YVES	2,895,074	KELLEY, STEVEN RANDALL	2,910,181	MACNEIL, GORDON	2,877,055
HALLMARK CARDS, INCORPORATED	2,876,610	KELLY, RICHARD M.	2,894,383	MACNEIL, JESSE	2,855,109
HANCHETT ENTRY SYSTEMS, INC.	2,895,850	KEMFLO (NANJING) ENVIRONMENTAL TECHNOLOGY CO., LTD.	2,895,377	MACNEIL, JESSE	2,877,055
HANNA, CHARLIE	2,887,715	KEMFLO INTERNATIONAL CO., LTD.	2,895,377	MAGANA, SALVADOR LOPEZ	2,888,549
HARRIS, JORDAN	2,855,128	KEZYS, VYTAUTAS		MAGNA CLOSURES INC.	2,894,620
HASSAN, EHTESHAM	2,895,624	KINSEY, HONG XU	2,894,685	MAHONEY, JEFF	2,854,818
HEINEMAN, THEOLYNN L.	2,854,770	KINSEY, HONG XU	2,895,097	MAITI, PRADIP K.	2,895,217
HEINZ, GERHARD	2,894,116	KNOWLES, GRETA	2,895,002	MAJUMDAR, ANISH SEN	2,878,299
HENDERSON, WILLIAM DAN	2,854,794	KOBZIAR, DANKO	2,874,623	MARCZYK, STANISLAW	2,892,833
HILLIER, KATAYOUN	2,895,454	KOCH, HARRY	2,895,560	MARES, PHILIPPE	2,895,562
HILLIER, PETER MATTHEW	2,895,454	KOHLER CO.	2,895,002	MAZUK, JAMES L.	2,895,531
HITKO, DONALD A.	2,887,792	KOKUNDKAR, UDAYKUMAR	2,878,299	MCARTHUR, REX STACEY	2,910,181
HOFF, ALEXANDER	2,895,304	KOTLYAR, ALEX	2,874,623	MCCOMBE, JUSTIN J.	2,895,795
HOHMANN, RONALD P., JR.	2,895,059	KOTT, MARLA CHARISSE	2,876,688	MCCONVILLE, PAUL J.	2,895,005
HOHMANN, RONALD P., JR.	2,895,554	KOUTSABELOULIS, NIKOLAOS		MCCONVILLE, PAUL J.	2,895,040
HONG, WEI	2,895,005	KONSTANTINOS	2,895,549	MCDONALD, ALAN	2,895,002
HONG, WEI	2,895,027	KOWALD, GLENN W.	2,891,812	MCGARRY, ALEXANDER	2,895,304
HONG, WEI	2,895,040	KROEKER, MATTHIAS	2,895,560	MCINTOSH, MORGAN HORACE JOHN	2,910,181
HOPPE, RALF	2,894,113	KRUPNIK, RONEN	2,894,930	MCKESSON CORPORATION	2,895,019
HOSKING, ERIC	2,895,729	KUEHNE, DONALD LEROY	2,895,595	MCKESSON CORPORATION	2,895,021
HU, ZHEN	2,895,292	KUNIYA, TAKESHI	2,894,172	MCKESSON CORPORATION	2,895,024
HUNTINGTON, TRISTAN	2,895,455	LAUBENTHAL, JEFFREY SCOTT	2,895,531	MCLAIN, MICHAEL J.	2,895,803
IGELMAN, MARVIN	2,894,996	LAUDER, ARTHUR W.	2,855,128	MCMaster UNIVERSITY	2,895,292
		LAVRETSKY, EUGENE	2,886,122	MCMaster UNIVERSITY	2,895,795
		LE GROUPE DSD INC.	2,855,396	METWALLI, ASHRAF	2,895,366
		LECLERE, LOIC	2,894,726	METWALLI, ASHRAF	2,895,520
		LEMKE, TRENT	2,854,894	MILAN, RAJIC	2,855,105
		LENNOX INDUSTRIES INC.	2,891,812	MILGARD MANUFACTURING INCORPORATED	2,894,103
		LERNER, JONATHAN	2,895,518	MIRZAEI, AMIR A.	2,854,748
		LI, JIANMING	2,895,497	MIRZAEI, AMIR A.	2,895,320
		LI, SHUI-CHI	2,895,409		
		LI, XIAOFENG	2,877,700		
		LI-COR, INC.	2,895,620		
		LILLY, ERIN	2,895,002		
		LILLY, THOMAS	2,895,002		

**Index des demandes canadiennes mises à la disponibilité du public  
20 décembre 2015 au 26 décembre 2015**

MITEK HOLDINGS, INC.	2,895,059	RANSOM, MICAH WILLIAM	2,849,223	STAR PROGETTI	
MITEK HOLDINGS, INC.	2,895,554	RASTEGAR, GHOLAM		TECNOLOGIE APPLICATE	
MITEL NETWORKS		HOSSEIN	2,895,505	S.P.A.	2,855,257
CORPORATION	2,895,454	REHRIG PACIFIC COMPANY	2,895,614	STAUBER, SIEGFRIED	2,895,753
MIYAKOSHI PRINTING		RENZ, WALTER L.	2,894,383	STEMPEUTICS RESEARCH	
MACHINERY CO., LTD.	2,878,984	RHODES, RYAN LORNE	2,855,238	PVT. LTD.	2,878,299
MOERTLE, GEORGE	2,895,409	RICHARD, PAUL	2,892,526	STORSLETT, STEIN J.	2,895,595
MORIN, MARC	2,895,304	RICHARD, PAUL	2,892,833	SUBRAMANIAN, ANAND	2,892,526
MOYERS, RICHARD	2,887,715	ROBERSON, ERIC MATTHEW	2,895,409	SUBRAMANIAN, ANAND	2,892,833
MRUTHYUNJAYA, ASHWIN		ROBERTS, BRIAN C.	2,886,122	SUBRAMANIAN, ANAND	2,893,401
KUNIGAL	2,878,299	ROBERTS, ROBBIE GORDON	2,876,688	SUDHUES, STEFFEN	2,894,108
MUELLER, MARK ANTHONY	2,895,409	ROBERTSON, NEIL		SUDHUES, STEFFEN	2,895,664
MULEY, KIRANKUMAR	2,891,812	HARRISON MCNEIL	2,881,366	SULLIVAN, PATRICK	2,894,591
NABI, GHULAM	2,855,057	ROUILLARD, ERIC	2,881,561	SULLIVAN, ROBERT W.	2,893,156
NABI, GHULAM	2,855,167	ROWE, MICHAEL D.	2,895,678	SULZER CHEMTECH AG	2,888,549
NADARAJAH, GUNALAN	2,895,366	ROYAL GROUP, INC.	2,894,835	SUMMERS, DANIEL RICHARD	2,888,549
NADARAJAH, GUNALAN	2,895,520	RUSSELL, BRIAN J.	2,866,880	SUNA IP PTY LTD	2,894,988
NAGRAVISION S.A.	2,893,904	RUSSELL, TIMOTHY	2,887,715	SUNCAST TECHNOLOGIES,	
NAGY, DUANE	2,854,794	SAHU, KAPIL	2,891,812	LLC	2,866,880
NAMIKI, TAKAO	2,878,984	SALTER, BENJAMIN GUY	2,894,136	SURMANN, KLEMENS	2,894,108
NASHCO ENTERPRISES LTD.	2,855,238	SARH, BRANKO	2,892,737	SUTTON, DREW	2,894,905
NATHWANI, SANJAY	2,895,105	SCALZO, ORLANDO	2,895,729	SWORNALATHA, AJAY C.P.	2,891,812
NICOLESCU, ALEXANDRU		SCHANK, TROY	2,894,905	T&M INVENTIONS, LLC	2,895,803
DORIN	2,895,545	SCHATZ, KURT M.	2,894,620	TAIZHOU FEDERAL ROBOT	
NIKOLOVA, NATALIA K.	2,895,795	SCHLUMBERGER CANADA		TECHNOLOGY CO., LTD.	2,875,377
NORTH EAST WINDOWS		LIMITED	2,895,549	TASEVSKI, VLADIMIR	2,880,546
SOLUTIONS, LLC	2,855,189	SCHOELLER-BLECKMANN		TATA CONSULTANCY	
O'NEIL, JASON	2,895,005	OILFIELD EQUIPMENT		SERVICES LIMITED	2,895,624
OKONIEWSKI, MICHAL	2,895,595	AG	2,895,505	TATTA, ANTHONY DOMINIC	2,895,388
ORR, RAYMOND KENNETH	2,895,545	SCHULZE RUCKAMP, JAN		TAYLOR, DANIEL	2,887,764
OSPINAL, HECTOR	2,855,329	BERND	2,894,108	TAYLOR, RUSSELL	2,894,988
OWENS CORNING		SCHULZE RUCKAMP, JAN		TD INDUSTRIAL COVERINGS,	
INTELLECTUAL		BERND	2,895,664	INC.	2,894,783
CAPITAL, LLC	2,895,484	SCHULZE SELTING, STEPHAN	2,894,108	TEMPAS, JEFF	2,895,002
PALET, TIMOTHY JAMES	2,895,112	SCHULZE SELTING, STEPHAN	2,895,664	THE BOEING COMPANY	2,886,122
PALL CORPORATION	2,894,940	SCHULZE SELTING, STEPHAN	2,895,666	THE BOEING COMPANY	2,887,792
PARK, JUNGSOO	2,894,996	SCHWAB, SCOTT D.	2,887,764	THE BOEING COMPANY	2,892,737
PARKER, CHARLES SIDNEY	2,888,549	SCHWARTZ, YITZHACK	2,894,622	THE GOVERNORS OF THE	
PASALIC, DARNIR	2,895,595	SCHWEISS, MICHAEL L.	2,895,376	UNIVERSITY OF	
PENDLEY, TIMOTHY	2,895,803	SEGSTRO, AARON J.	2,895,240	ALBERTA	2,895,449
PERRINE, JEROME	2,893,904	SEIF, SOM	2,880,546	THE SAMPLER APP INC.	2,895,438
PETERSON, CRAIG ANDREW	2,895,388	SENVION SE	2,894,335	THE TORONTO-DOMINION	
PETROCHINA COMPANY		SESCO L.L.C.	2,895,112	BANK	2,895,366
LIMITED	2,895,497	SHIMANE PREFECTURAL		THE TORONTO-DOMINION	
PINSONNEAULT, ROGER G.	2,895,019	GOVERNMENT	2,855,055	BANK	2,895,520
PINSONNEAULT, ROGER G.	2,895,021	SHIMANE PREFECTURAL		THEISING, JOHN L.	2,887,959
PINSONNEAULT, ROGER G.	2,895,024	GOVERNMENT	2,855,064	THEJ, CHARAN	2,878,299
POKRIEFKE, MICHAEL	2,895,664	SHINOMURA, YUJI	2,855,064	THOMAS & BETTS	
PORANSKI, CHRISTOPHER		SHROFF, GAUTAM	2,895,624	INTERNATIONAL, LLC	2,895,017
FRANCIS	2,895,531	SIDLOSKI, RODNEY P.	2,853,147	THOMAS & BETTS	
POYNTER, JAMES RODNEY	2,895,006	SIEBENS, LARRY NORMAN	2,895,724	INTERNATIONAL, LLC	2,895,724
PRATT & WHITNEY CANADA		SIVACOE, ORLANDE W.	2,855,113	THOMPSON, JAMES EDWARD	2,895,531
CORP.	2,895,729	SIVASHANMUGAM,		THUMA, MICHAEL	2,866,880
PRAXAIR TECHNOLOGY, INC.	2,894,383	PRABAHARAN	2,895,366	TIESSEN, REIMER	2,895,666
PRIBANIC, RUSSELL	2,892,833	SIVASHANMUGAM,		TING, DEREK	2,895,455
PRODUITS MATRA INC.	2,868,600	PRABAHARAN	2,895,520	TING, DEREK	2,895,518
PURPOSE INVESTMENTS INC.	2,880,546	SMADI, MOHAMMED NAWAF	2,894,685	TODD, JOHN	2,894,835
QIAN, YU CUI	2,895,377	SMITH, VERNON LEROY	2,895,531	TOURNAYRE, LAURENT	2,857,861
QUIRION, JACQUES	2,895,889	SOLANTRO		TOYOTA JIDOSHA	
RAD, HIRBOD	2,854,748	SEMICONDUCTOR CORP.	2,895,545	KABUSHIKI KAISHA	2,894,172
RAD, HIRBOD	2,895,320	SPIRAX-SARCO LIMITED	2,894,373	TREDE, ALF	2,894,335
RAJ, SWATHI SUNDAR	2,878,299	SPX APV DANMARK A/S	2,895,562	TREMBLAY, ROGER	2,855,089
RAMADASSE,		STALLMANN, OLAF	2,894,116	TRUTH HARDWARE	
BALAMURUGAN	2,878,299			CORPORATION	2,895,036

**Index of Canadian Applications Open to Public Inspection  
December 20, 2015 to December 26, 2015**

TRZASKOWSKI, JUSTYNA	2,894,113
TUCKER, BRIAN	2,894,905
TURGEMAN, AHARON	2,894,930
TYCO ELECTRONICS AMP GMBH	2,895,560
UNKNOWN	2,855,051
UNKNOWN	2,855,105
VA HEERDEN, LAUREN	2,895,520
VACA, PEDRO	2,895,595
VACHON, LEANDRE	2,855,396
VAN HEERDEN, LAUREN	2,895,366
VAN RIEK, MAURICE	2,893,904
VANDEWEERD, SEAN	2,895,105
VAPOR TECHNOLOGIES, INC.	2,894,591
VIGIL, MIGUEL	2,895,595
VIKING INNOVATIONS LTD.	2,849,223
VILAGY, JONATHAN	2,895,388
VOGLER, MICHAEL R.	2,866,880
VRACAR, JOVAN	2,855,105
WANG, XIAOQI	2,895,497
WARRICK, PETER S.	2,895,240
WEBBER, JAMES	2,855,189
WEBERMANN, DIRK	2,895,664
WEBERMANN, DIRK	2,895,666
WEGSTEIN, BRIAN LEE	2,876,610
WEINGARTNER, CHRISTOPH	2,894,116
WHITE, TIMOTHY DON	2,854,965
WHITESITT, JOHN	2,891,812
WILLIAMS, JUSTIN	2,892,808
WILLIAMS, JUSTIN	2,892,868
WILLIAMS, RYAN	2,892,526
WILLIAMS, RYAN	2,893,401
WILLIAMS, RYAN	2,894,295
WISE, KEVIN A.	2,886,122
WOLF, GLEN M.	2,895,036
WONG, RICH	2,895,455
WRIGHT, DAVID	2,855,079
XAVIER, BRANDON OLIVER	2,855,110
XEROX CORPORATION	2,895,005
XEROX CORPORATION	2,895,027
XEROX CORPORATION	2,895,040
YACH, DAVID	2,895,304
YANG, HERBERT	2,895,449
YANG, TAI-HER	2,894,906
YASUDA, TAKAYOSHI	2,894,172
YE, ZACHARY	2,895,017
YIN, QING-KUN	2,893,968
ZANETTACCI, CHARLES	2,894,373
ZERGIEBEL, EARL	2,892,833
ZERGIEBEL, EARL M.	2,892,526
ZERGIEBEL, EARL M.	2,893,401
ZERGIEBEL, EARL M.	2,894,295
ZHOU, JING	2,895,005
ZHOU, JING	2,895,027
ZHOU, JING	2,895,040
ZIMBRIC, LUKE	2,895,002
ZIMMER, DONALD	2,891,812
ZOHAR, AVI	2,894,835

# Index of PCT Applications Entering the National Phase

## Index des demandes PCT entrant en phase nationale

10X GENOMICS, INC.	2,915,499	ANDRITZ FIEDLER GMBH	2,915,522	BAILEY, BRAD C.	2,915,067
3M INNOVATIVE PROPERTIES COMPANY	2,915,276	ANGHELESCU, FLORIN MUGUR	2,915,116	BAIN, ALEX	2,915,123
3M INNOVATIVE PROPERTIES COMPANY	2,915,392	ANSARI, AASIF	2,915,357	BAKALETZ, LAUREN O.	2,915,210
3M INNOVATIVE PROPERTIES COMPANY	2,915,541	ANTONSEN, ROGER	2,914,244	BAKER HUGHES INCORPORATED	2,915,247
4SC DISCOVERY GMBH	2,915,566	AOYAMA, TSUTOMU	2,915,579	BAKER HUGHES INCORPORATED	2,915,362
8801541 CANADA INC.	2,915,084	ARCELORMITTAL INVESTIGACION Y	2,915,271	BAKER HUGHES INCORPORATED	2,915,363
AASE, ODDBJORN	2,915,567	DESAROLLO S.L.	2,915,614	BAKER HUGHES INCORPORATED	2,915,492
AB7 INNOVATION S.A.S.U.	2,915,090	ARCHIDUC USIL BVBA	2,915,433	BAKER, MARK P.	2,915,260
ABB TECHNOLOGY LTD	2,915,400	ARNOLD, MIRKO	2,914,812	BALASUBRAMANIAN, VISWANATHAN	2,915,578
ABDUEVA, DIANA	2,915,626	ARRIOLA, DANIEL J.	2,915,067	BALL, NATHANIEL B.	2,915,494
ACEVEDO, GABRIEL	2,915,383	ARRIOLA, JASON	2,915,355	BALL, NATHANIEL B.	2,915,495
ACTEGA DS GMBH	2,915,519	ARRIS TECHNOLOGY, INC.	2,915,359	BALOGLU, ERKAN	2,915,365
ADACHI, TATSUYA	2,915,579	ARROYAVE-MON-DRAGON, FRANK ANTONIO	2,915,381	BANASIAK, VINCENT	2,915,295
ADANG, ANTON EGBERT PETER	2,914,924	ARTIUCH, ROMAN L.	2,915,069	BARASH, HILA EPSTEIN	2,915,358
ADEMA, GOSSE	2,914,728	ARTSYUKHOVICH, ALEXANDER N.	2,915,153	BARES, HUGO FLORIAN	2,915,089
ADLENS LIMITED	2,915,166	ARTVENTIVE MEDICAL GROUP, INC.	2,915,223	BARLOS, KLEOMENIS	2,915,439
ADLER, DAVID	2,915,125	ARTVENTIVE MEDICAL GROUP, INC.	2,915,267	BARLOS, KOSTAS	2,915,439
ADVANCED CHARGING TECHNOLOGIES, LLC	2,915,376	ARTVENTIVE MEDICAL GROUP, INC.	2,915,267	BARON, MELANIE	2,914,776
AFZAL, MUHAMMAD HARIS	2,915,528	ASHLAND LICENSING AND INTELLECTUAL	2,915,042	BARRICK GOLD CORPORATION	2,915,269
AGON, FABIEN LUDOVIC	2,915,401	PROPERTY LLC	2,915,042	BARTHOLOMEYCZIK, JULIAN	2,915,176
AHMOYE, DANIEL W.	2,915,133	ASLAN, Z. ARAS	2,915,153	BASF COATINGS GMBH	2,915,147
AIRBUS DEFENCE AND SPACE LIMITED	2,915,313	ASPEN AEROGELS, INC.	2,915,221	BASF CORPORATION	2,914,812
AIRWAY MEDIX SPOLKA S.A.	2,915,436	ASPER, ROBERT	2,915,542	BASSANI, DARIO	2,915,089
AIT BOUZIAD, YUCEF	2,915,401	ASTELLAS PHARMA INC.	2,915,085	BATTELLE MEMORIAL INSTITUTE	2,915,203
AKIBA, KOJIRO	2,914,464	ASTROLINK	2,915,066	BAUR, JOACHIM N.C.	2,915,332
ALBIN, BRADLEY NEIL	2,914,932	INTERNATIONAL LLC	2,915,066	BAURLE, STEFAN	2,915,419
ALBÆK, NANNA	2,915,316	ASTROLINK	2,915,072	BAXALTA GMBH	2,915,472
ALCOA INC.	2,915,299	INTERNATIONAL LLC	2,915,072	BAXALTA INCORPORATED	2,915,472
ALCOTEK, INC.	2,915,262	ATEN, SCOTT	2,915,125	BAYER PHARMA AKTIENGESELLSCHAFT	2,915,311
ALCOUFFE, CHANTAL	2,915,321	AU, GOUGH	2,915,397	BAYER PHARMA AKTIENGESELLSCHAFT	2,915,419
ALCYONE LIFESCIENCES, INC.	2,915,505	AU, KELVIN	2,915,317	BAYLON, DAVID M.	2,915,359
ALLEN, WILLIAM F.	2,915,488	AVEN, MICHAEL	2,915,445	BECKER, NATHANIEL T.	2,915,538
ALLGEIER, ALAN M.	2,915,538	AVILA NETTO GUTERRES, MARIANA FERNANDES	2,915,104	BEDEL, DAVID L.	2,915,496
ALVAREZ GAYOSSO, CARLOS ANDRES	2,915,586	DE	2,915,104	BEHR, JONATHAN ROBERT	2,915,358
ALVIN, DAVID	2,915,150	AVILES, MISAEL	2,914,681	BEIJ, JACQUES	2,915,156
AMALRIC, BERNARD	2,915,293	AZAD, ABDUL R. M.	2,914,929	BEKON HOLDING AG	2,915,172
AMALRIC, BERNARD	2,915,295	B CELL DESIGN	2,915,113	BELL, MEREDITH	2,914,931
AMER, AMAL	2,915,210	B.R.A.I.N. BIOTECHNOLOGY RESEARCH AND	2,915,318	BELL, MICHAEL A.	2,915,409
AMERICAN PILEDRIVING EQUIPMENT, INC.	2,914,469	INFORMATION NETWORK AG	2,915,318	BEN-ELIYAHU, SHAMGAR	2,914,501
AMGEN INC.	2,915,386	B/E AEROSPACE, INC.	2,914,817	BENECKE, HERMAN	2,915,203
AMIIGO, INC.	2,915,473	B/E AEROSPACE, INC.	2,914,818	BENSON, PAUL	2,915,160
AMIIGO, INC.	2,915,615	BAASKE, MATTHIAS	2,915,421	BEPPU, YOSHINORI	2,904,493
AMIIGO, INC.	2,915,617	BABU, GOVINDARAJULU	2,915,418	BERENTS, GERD	2,915,416
AMINIAN, BEHNAM	2,915,528	BAE SYSTEMS PLC	2,915,271	BERJAUD, CELINE	2,915,145
ANAND, PJ	2,915,505	BAHM, JEANNINE REBECCA	2,915,324	BERJAUD, CELINE	2,915,430
ANDERSON, SHAWN W.	2,915,408	BAHR, SCOTT	2,915,467	BERKOW, JAN K.	2,915,060
ANDRIA, GENEROSO	2,915,127			BERLUREAU, STEPHANE	2,915,256

## Index of PCT Applications Entering the National Phase

BERNADAC, JEAN CHARLES	2,915,295	BRAAM, STEFAN ROBBERT	2,914,922	CASTANO LANTERO,	
BERNHEIM, HENRICK F.	2,915,066	BRADLEY, DONALD ALBERT	2,915,602	AURELIO	2,915,545
BERNHEIM, HENRIK F.	2,915,072	BRAEKKE, KRISTOFFER	2,914,244	CAUCHI, MARCO	2,915,248
BERNIUS, MARK T.	2,915,044	BRANCACCIO, RICHARD		CENTRE NATIONAL DE LA	
BERTI, LORENZO	2,915,598	MICHAEL	2,915,503	RECHERCHE	
BERTOVIC, TOMO ZVONKO	2,915,100	BRAVO, DAVID	2,915,320	SCIENTIFIQUE (C.N.R.S.)	2,914,783
BESETTES, CYRILLE	2,915,293	BREDER, KRISTIN	2,915,504	CENTRE NATIONAL DE LA	
BESSETTES, CYRILLE	2,915,292	BREDER, KRISTIN	2,915,509	RECHERCHE	
BETHARDS, GENE	2,915,125	BREST, MICHAEL L.	2,915,202	SCIENTIFIQUE - CNRS	2,915,089
BHANDARI, ASHOK	2,908,593	BREST, MICHAEL L.	2,915,218	CERMAQ AS	2,915,211
BHATNAGAR, YASHRAJ	2,915,525	BRIDGESTONE AMERICAS		CESI CHEMICAL, INC.	2,915,351
BHAVAR, PRASHANT		TIRE OPERATIONS, LLC	2,915,542	CHAMPAGNE, LAKIA M.	2,915,351
KASHINATH	2,915,418	BRIDGESTONE AMERICAS		CHAN, CHARLES C. H.	2,915,252
BHUSHAN, NAGA	2,915,130	TIRE OPERATIONS, LLC	2,915,544	CHAN, DANIEL W.	2,914,918
BIANCHI, ERNESTO GABRIEL	2,915,216	BRIGHTWAKE LIMITED	2,915,414	CHAN, WARREN CHE WOR	2,915,149
BIC-VIOLEX SA	2,915,126	BRITAX ROMER		CHANDARIA, TRISALA	2,915,619
BIDDLE B.V.	2,915,588	KINDERSICHERHEIT		CHANDARIA, TRISALA	2,915,620
BIESALSKI, MARKUS	2,915,421	GMBH	2,915,515	CHANG, CINDY	2,915,229
BILLINGTON, JOHN	2,915,527	BROK DEN, MARTIJN	2,914,728	CHAO, TIEN-CHIEH	2,915,352
BINDER, PAUL	2,915,294	BROMET, EMMANUELLE	2,913,267	CHARLOT, REGIS	2,915,150
BIOMATRICA, INC.	2,915,250	BROPHY, COLLEEN	2,911,315	CHATTERTON, GEOFFREY W.	2,915,511
BIRKENFELD, JORG	2,915,311	BROWN, ANDREW A.	2,915,598	CHAUSSON, SOPHIE	2,915,221
BITAR, AHMAD	2,915,159	BROWN, STEPHEN WILLIAM	2,915,271	CHE, DAQING	2,915,517
BITAR, AHMAD	2,915,185	BRUMFIELD, ANNE M.	2,915,060	CHEIKH, STEPHANE	2,915,079
BITTO, ROLAND	2,915,446	BRUNNER, DANIELA	2,915,536	CHELLE, RENE	2,915,090
BLACK, ANDREW	2,915,223	BUCCOLA, NICKOLAS C., JR.	2,915,204	CHEMICAL &	
BLACKWELL, JEFFREY	2,915,125	BUCHET, DAMIEN	2,915,292	BIOPHARMACEUTICAL	
BLANK, MIRIAM	2,915,537	BUHN, OLIVER	2,915,058	LABORATORIES OF	
BLANZ, MARTIN	2,915,363	BURD, PETER JOHN LESLIE	2,914,817	PATRAS S.A.	2,915,439
BLOHM, MATTHIAS	2,915,147	BURD, PETER JOHN LESLIE	2,914,818	CHEN, YING	2,915,114
BLOOD, ELLERY A.	2,915,508	BURGESS, THOMAS	2,915,167	CHENNURU, RAMANAIAH	2,912,902
BLUE SOLUTIONS	2,914,703	BUSBEE, TRAVIS A.	2,915,409	CHEVERTON, MARK ALLEN	2,915,600
BLUE SOLUTIONS	2,914,735	BUSCHMANN, MICHAEL D.	2,915,131	CHEVREUX, GUILLAUME	2,915,141
BODAL, AZIZ	2,915,150	BUSEMANN, FRIEDRICH	2,915,541	CHIAROTTO, SEBASTIEN	2,915,139
BODILY, BRANDON		BUSEMANN, FRIEDRICH A.	2,915,392	CHIN, ROY	2,914,495
HENDRICKSON	2,915,299	BUSH, DUSTIN M.	2,915,299	CHIN, ROY	2,914,505
BOEHRINGER INGELHEIM		BUSHONG, JAMES HOWARD,		CHIN, ROY	2,914,507
VETMEDICA GMBH	2,915,445	JR.	2,915,071	CHING, TSZ KUEN	2,915,123
BOLCATO, GIULIANO	2,915,392	BUSTOS SANTAFAE, JAVIER	2,915,164	CHISHOLM, GLENN	2,915,383
BOLCATO, GIULIANO	2,915,541	BUTER, ANDREAS	2,915,421	CHOI, YEONUK	2,915,269
BOMBARDIER		CABRAL, NICOLAU S.	2,915,052	CHOPIN, THIERRY	2,915,102
RECREATIONAL		CAE HEALTHCARE CANADA	2,914,695	CHOW MANEVAL, EDNA	2,915,534
PRODUCTS INC.	2,915,226	CAFFEY, SEAN	2,915,378	CHRETIEN, ROBERT	2,915,122
BONNARDEL, PIERRE-		CAFMEYER, JEFFREY T.	2,915,203	CHRISTIAN, SVEN	2,915,311
ANTOINE	2,915,221	CAGNON, FRANCOIS	2,915,087	CIAMBELLA LTD.	2,915,619
BORGOGNO, SYLVAIN	2,915,094	CAHILL, MICHAEL E.	2,915,507	CIAMBELLA LTD.	2,915,620
BORGSCULTE, TRISSA	2,915,467	CAHILL, SEAN S.	2,915,155	CILAG GMBH	
BORKOWSKI, SANDRA	2,915,311	CAHILL, SEAN S.	2,915,402	INTERNATIONAL	2,915,159
BORSARI, ANDREA	2,915,258	CAHILL, SEAN S.	2,915,404	CILAG GMBH	
BOSELUT, MARIE	2,915,113	CAHILL, SEAN S.	2,915,406	INTERNATIONAL	2,915,185
BOSTON SCIENTIFIC		CAHILL, SEAN S.	2,915,410	CINCOTTA, ANTHONY H.	2,915,405
NEUROMODULATION		CAHILL, SEAN, S.	2,915,407	CIPOLLETTA, ANTHONY	
CORPORATION	2,915,232	CARDIFF PRODUCTS	2,915,355	LUIGI	2,915,518
BOSTON SCIENTIFIC SCIMED,		CARDIOSOLUTIONS, INC.	2,915,073	CIRBA INC.	2,915,181
INC.	2,915,477	CARDOWELL, MATTHEW	2,915,150	CLARIANT INTERNATIONAL	
BOSTON SCIENTIFIC SCIMED,		CARMICHAEL, ROBIN	2,915,174	LTD	2,915,300
INC.	2,915,510	CARR, FRANCIS JOSEPH	2,915,412	CLARK, SUZANNE	2,915,065
BOUCHER, BEATRICE	2,915,422	CARRERE, BENOIT	2,915,109	CLEMMER, KATHLEEN	2,915,544
BOUCOURT, GERARD	2,915,295	CARTER, ABRAHAM	2,915,473	CLEVE, ARWED	2,915,419
BOUKHNY, MIKHAIL	2,915,153	CARTER, ABRAHAM	2,915,615	COBBOLD, MARK	2,915,169
BOUMSELLEK, SAID	2,915,502	CARTER, ABRAHAM	2,915,617	COBUCCI-PONZANO,	
BOWDEN, NEAL ALAN	2,915,053	CARTER, WILLIAM THOMAS	2,915,600	BEATRICE	2,915,127
BOZIKIS, IOANNIS	2,915,126	CARVER, BRETT	2,914,492	COCHRAN, MICHAEL JOSEPH	2,915,177
BPG RECREATIONAL INC.	2,915,403	CASEY, DUNCAN ROBERT	2,915,554	COGNE, MICHEL	2,915,113

## Index des demandes PCT entrant en phase nationale

COLES, RANDOLPH S.	2,914,908	DING, RAN	2,915,052	ELLENS, CODY J.	2,914,932
COLVIN, EDWARD L.	2,915,299	DIOTTE, LOUIS	2,914,695	ELLINGSON, PETER	
COME, OLIVIER	2,915,293	DISMUKE, KEITH INGRAM	2,915,351	CHRISTOPHER	2,914,681
CONLEY, BRIAN L.	2,915,486	DIVE COMMUNICATIONS		ELLIS, MICHAEL	2,915,561
CONSIGLIO NAZIONALE		INC.	2,915,049	ELLIS, RONALD	2,915,412
DELLE RICERCHE	2,915,127	DIXIT, ABHISHEK ANANT	2,915,525	ELSHARQAWY, MOSTAFA	2,915,036
CONSTELLIUM ISSOIRE	2,915,411	DJAMCHIDI, CEPAND	2,915,427	EMBAUGH, DAVID F.	2,915,042
CONTI, PAOLO	2,915,334	DJUKIC, PETAR	2,915,317	EMERSON PROCESS	
CONTRACT		DOHRING, DIETER	2,915,134	MANAGEMENT	
PHARMACEUTICALS		DOMINION ENERGY		REGULATOR	
LIMITED	2,915,206	TECHNOLOGIES, INC.	2,915,066	TECHNOLOGIES, INC.	2,915,490
COOLEY, STUART STEPHEN	2,915,160	DOMINION ENERGY		EMPL, GUNTER	2,913,597
COPYRIGHT CLEARANCE		TECHNOLOGIES, INC.	2,915,072	ENDRES, ANGELIKA	2,915,421
CENTER, INC.	2,915,527	DONADIO, JAMES V., III.	2,915,252	ENGIE	2,915,087
COSMA ENGINEERING		DONALD, DAVID M.	2,914,914	ENS, MICHAEL J.	2,915,268
EUROPE AG	2,915,032	DONDERICI, BURKAY	2,915,086	ENTREGA, INC.	2,915,358
COTE, YANICK	2,914,695	DONG, WEIWEI	2,895,599	ES-SLAMI, SAMIRA	2,915,540
COTTON, STEPHEN	2,915,414	DONITZKY, CHRISTOF	2,915,520	ESCALAUP, OLIVIER	2,915,295
COUDRY, MICHEL	2,915,099	DOOLE, KEVIN GRAHAM	2,915,513	ESPINOSA PARRILLA, JUAN	
COULOMBEAU, LAURENT		DOTAN, SHAHAR	2,915,412	FRANCISCO	2,915,164
JACQUES MICHEL	2,915,106	DOW GLOBAL		ESRAILIAN, ERIC	2,914,926
COURTIN, ERIC	2,914,670	TECHNOLOGIES LLC	2,914,928	ESSILOR INTERNATIONAL	
COVEY, THOMAS R.	2,915,076	DOW GLOBAL		(COMPAGNIE GENERALE	
COVIDIEN LP	2,915,263	TECHNOLOGIES LLC	2,915,044	D'OPTIQUE)	2,915,139
COWARD, PETER	2,915,386	DOW GLOBAL		ESTRADA, LEANDRO	2,915,381
COX, IRVIN B.	2,915,057	TECHNOLOGIES LLC	2,915,067	EVANS, BRIAN CONNOR	2,911,315
CRAWSHAY, DAVID	2,915,116	DOW TECHNOLOGY		EVANS, WILLIAM	2,915,092
CREE, STEPHEN H.	2,914,928	INVESTMENTS LLC	2,915,057	EVAPCO, INC.	2,914,813
CROWLEY, PETER	2,915,510	DOWNEY, JARED A.	2,914,932	EVARTS, JERRY	2,915,129
CROZIER, STEPHEN	2,915,396	DR. REDDY'S LABORATORIES		EVOLUTION ENGINEERING	
CRUCE, CHRISTOPHER J.	2,915,486	LIMITED	2,912,902	INC.	2,915,133
CURA, ELISABETH	2,915,276	DRESSER, INC.	2,915,069	EVOLUTION ENGINEERING	
CUVILLIER, ARMELLE	2,915,113	DRESSER, INC.	2,915,526	INC.	2,915,136
CYLANCE INC.	2,915,383	DREW, TERRENCE M.	2,915,204	EVONIK DEGUSSA GMBH	2,915,524
DAHL, JEROD	2,915,514	DSM IP ASSETS B.V.	2,915,103	F. HOFFMANN-LA ROCHE AG	2,915,536
DANIELOU, ARMELLE	2,915,411	DUESUND, HENRIK	2,915,211	FABER, TIMOTHY R.	2,915,098
DANISCO US INC.	2,915,538	DUETSCH, MICHAEL	2,915,421	FACEBOOK, INC.	2,915,123
DARLEY, KENNETH S.	2,915,332	DUFFY, BRYAN CORDELL	2,915,561	FACET TECHNOLOGIES, LLC	2,915,115
DARSON-BALLEUR, SABINE	2,915,099	DUGAN, ANDREW	2,915,533	FACET TECHNOLOGIES, LLC	2,915,118
DE BOER, MARK	2,914,924	DUGUET, NICOLAS	2,914,783	FAIRHEAD, RYAN JAMES	2,915,403
DE BRUYN, GUY	2,915,279	DUMUR, PHILIPPE	2,915,401	FALAKI, MOHAMMAD	2,915,052
DE CIANTIS, GIAMPIERO	2,915,181	DURLING, EVAN JOSEPH	2,915,497	FALLER, KENNETH M.	2,915,204
DE GROOT, JACOB FRANK	2,915,442	DUTTA, PRADIP KUMAR	2,915,357	FAN, XING	2,915,319
DE LA FUENTE GARCIA,		DUVAL, DEAN LARRY	2,914,681	FANG, TILIN	2,914,492
ESTHER	2,915,164	DUVALL, CRAIG	2,911,315	FAST FORWARD	
DE VOGEL, JOHAN	2,914,811	DUVOISIN, CHARLES		PHARMACEUTICALS B.V.	2,914,924
DECIU, COSMIN	2,915,628	ADRIANO	2,915,398	FAURE, BRUCE	2,915,139
DEEBA, MICHEL	2,914,812	DW LINGUAL SYSTEMS		FAY, LUKE	2,915,272
DEGUCHI, TOMOKO	2,915,344	GMBH	2,915,121	FEENEY, STEPHEN PATRICK	2,915,312
DEININGER, JAMES	2,915,381	EBAY INC.	2,915,609	FERBER, SARAH	2,915,143
DEL CARDAYRE, STEPHEN B.	2,915,229	EDLER, BERND	2,915,437	FERNANDEZ, BENJAMIN	2,915,350
DELAME, CYRILLE	2,915,295	EGAN, GERRY A.	2,915,068	FERNANDEZ-MONTALVAN,	
DENTSPLY IH AB	2,915,572	EHRNSPERGER, BRUNO		AMAURY ERNESTO	2,915,419
DERKACZ, PATRICK R.	2,915,133	JOHANNES	2,915,216	FERNANDEZ-PRIETO,	
DESAI, UMESH C.	2,915,352	EICHLER, WALDEMAR	2,915,519	SUSANA	2,915,110
DH TECHNOLOGIES		EICKER, ANDREA	2,915,311	FERNANDEZ-PRIETO,	
DEVELOPMENT PTE.		EIDLER, WERNER	2,915,577	SUSANA	2,915,112
LTD.	2,915,076	EINAV, ELAD	2,915,436	FERNO-WASHINGTON, INC.	2,915,393
DIAMANTE, SHERWIN	2,915,350	EINNOVATIONS HOLDINGS		FERRARA, MARIA CARMINA	2,915,127
DIAZ, PAUL	2,915,250	PTE. LTD.	2,915,350	FERRARI, SARAH L.	2,914,813
DIDANE, YAHIA	2,915,128	EL QACEMI, VIRGINIE	2,915,128	FERRIERE, HERVE	2,913,267
DIETER, ROBERT	2,915,376	EL-AAWAR, NASSER NABIH	2,915,533	FIDIA FARMACEUTICI S.P.A.	2,915,253
DIETZ, JENNIFER	2,915,421	ELECTRONIC IMAGING		FIEDLER, MARCO	2,915,318
DIETZ, TIMOTHY	2,915,393	SERVICES, INC.	2,915,125		

## Index of PCT Applications Entering the National Phase

FIRST VISION		GENERAL ELECTRIC		GRASSI, NERINO	2,915,334
TECHNOLOGIES S.L.	2,915,415	COMPANY	2,914,493	GRAVERMANN, MARK	2,915,392
FISHER CONTROLS		GENERAL ELECTRIC		GRAVERMANN, MARK	2,915,541
INTERNATIONAL LLC	2,914,931	COMPANY	2,915,496	GRAY, BRIAN FRANCIS	2,914,681
FISHER CONTROLS		GENERAL ELECTRIC		GRAY, JEFF	2,915,360
INTERNATIONAL LLC	2,915,408	COMPANY	2,915,600	GREIG, IAIN ROBERT	2,915,075
FITZWATER, KELLY R.	2,915,257	GENERAL ELECTRIC		GRETZER, CHRISTINA	2,915,572
FLECKENSTEIN, JOHANNA	2,915,421	COMPANY	2,915,602	GREVEN, SIMONE	2,915,311
FLETCHER, CHARLES		GENES'INK SA	2,915,128	GRI, PHILIPPE	2,915,295
BRANDON	2,915,062	GENMAB A/S	2,915,575	GRIFFIN, ERIC J.	2,915,202
FLETZER, ROBERT	2,915,521	GEORGE, WAYNE N.	2,915,598	GRIFFIN, ERIC J.	2,915,217
FLORETZ, BERTRAND	2,915,293	GEORGIA TECH RESEARCH		GRIFFIN, ERIC J.	2,915,218
FLOW CONTROL LLC.	2,915,631	CORPORATION GEORGIA		GRIFFIN, JAMES LYMAN, JR.	2,915,490
FMC KONGSBERG SUBSEA		INSTITUTE OF		GRIFFITH LABORATORIES	
AS	2,915,567	TECHNOLOGY	2,915,381	LIMITED	2,915,332
FODOR, JOE	2,915,262	GERARDIN, EMILIE	2,915,221	GRIGOLETTO, PHILIPPE	2,913,267
FOGLIA, GINAMARIE	2,915,279	GERMACK, DAVID	2,915,351	GRIMM, MARTIAL	2,915,295
FOLEY, PETER	2,915,514	GERMAIN, MATTHIEU	2,915,145	GRITZAN, UWE	2,915,311
FOLKERS, WILLEM	2,915,277	GERMAIN, MATTHIEU	2,915,430	GROMOLL, BERND	2,915,305
FONDAZIONE TELETHON	2,915,127	GHARELAR, AHMAD		GROMOLL, BERND	2,915,306
FONSECA, JORGE	2,915,475	GHAHREMANINEZHAD	2,915,269	GRUENBACHER, DANA PAUL	2,915,324
FONTANA, GABRIELE	2,915,424	GIARDELLO, MICHAEL A.	2,915,486	GUERREIRO ROSADO, LUIZ	
FOSTER, EVAN	2,915,475	GIBBS, MATTHEW RONALD	2,915,064	HENRIQUE	2,915,104
FRANCIS, ARTHUR	2,915,241	GILBERT, REBECCA SUSAN	2,915,540	GUIDA, VINCENZO	2,915,110
FRANK, RICHARD	2,915,515	GILDEMEISTER ENERGY		GUIDA, VINCENZO	2,915,112
FRANSCHITZ, STEPHAN	2,915,032	STORAGE GMBH	2,915,294	GURTLER, MADS	2,915,088
FRAUNHOFER-		GILEAD SCIENCES, INC.	2,915,129	GURTLER, MADS	2,915,091
GESELLSCHAFT ZUR		GILETTA S.P.A.	2,915,428	GURUNATHAN, SANJAY	2,915,279
FORDERUNG DER		GIULIANOTTI, PIER	2,915,215	HAAS, MARTIN	2,915,515
ANGEWANTEN		GIULIANOTTI, PIER	2,915,219	HAAS, THOMAS	2,915,524
FORSCHUNG E.V.	2,915,437	GIULIANOTTI, PIER	2,915,244	HAENDLER, BERNARD	2,915,419
FREEMAN, JOHN JUSTIN	2,915,592	GIULIANOTTI, PIER	2,915,245	HAES, DENNIS	2,915,488
FREEMAN, JOHN JUSTIN	2,915,594	GLASBERG, CHRISTIAN	2,915,417	HAGER, JEFFREY H.	2,915,534
FREEMAN, MICHAEL H.	2,915,376	GLAXOSMITHKLINE		HAINES, DAVID	2,915,150
FREEMAN, MITCHAEAL C.	2,915,376	INTELLECTUAL		HALBAUER, HANNES	2,915,032
FREIBERG, CHRISTOPH	2,915,311	PROPERTY (NO. 2)		HALLIBURTON ENERGY	
FROCK, MELISSA	2,915,119	LIMITED	2,915,092	SERVICES INC.	2,915,086
FRYER, BENJAMIN	2,915,088	GOB, BIANCA	2,915,147	HALLIBURTON ENERGY	
FUKIZAWA, SHINYA	2,904,493	GOLAN, GALI	2,915,365	SERVICES, INC.	2,914,905
FUSINATO, DANIEL	2,914,493	GOLDEN LADY COMPANY		HALLIBURTON ENERGY	
GAAL, PETER	2,915,130	S.P.A.	2,915,334	SERVICES, INC.	2,914,907
GABOR, ESTHER	2,915,318	GOLDFARB, SIVANNE	2,915,039	HALLIBURTON ENERGY	
GALAEV, IGOR	2,915,103	GOLFIER, SVEN	2,915,311	SERVICES, INC.	2,914,908
GALIBOIS, MICHEL	2,914,695	GOLOMB, GARY	2,915,383	HALLIBURTON ENERGY	
GAM, PAUL J.	2,915,252	GONZALEZ ALEMANY,		SERVICES, INC.	2,914,910
GANDHAM, SRI GANESH	2,915,578	MIGUEL ANGEL	2,915,545	HALLIBURTON ENERGY	
GANDOLFI, FABIO	2,915,428	GONZALEZ PANTIGA, JUAN		SERVICES, INC.	2,914,914
GARBARK, DANIEL	2,915,203	DOMINGO	2,915,545	HALLIBURTON ENERGY	
GARIN, FABRICE	2,915,106	GOOCH, MATTHEW WARREN	2,915,360	SERVICES, INC.	2,915,395
GARTNER, ROBERT		GOODMAN, STEVEN D.	2,915,210	HAMMER, STEFANIE	2,915,311
SEBASTIAN	2,915,102	GOURLAY, TERENCE	2,915,414	HANAK, FRANCIS CHAD	2,915,363
GATOS, DIMITRIOS	2,915,439	GOUZERH, JEAN-MARC	2,914,735	HANNUM, GREGORY	2,915,628
GAUTHE, BEATRICE LUCILE		GOVEK, STEVEN P.	2,915,534	HANSELL, JERRITT H.	2,915,066
LEA EVA	2,915,554	GOVINDAN, PRAKASH	2,915,036	HANSELL, JERRITT H.	2,915,072
GAUTIER, GERARD	2,915,422	GOVINDARAJAN, SATISH	2,915,039	HARBERS, GREGORY	2,915,378
GAW, GILBERT	2,915,350	GOZLAN, CHARLOTTE	2,914,783	HARDENBOL, PAUL	2,915,499
GEA FOOD SOLUTIONS		GRAHAM, MICHAEL EVANS	2,915,600	HARDY, YVES	2,913,267
BAKEL B.V.	2,915,308	GRANAROLO S.P.A.	2,915,258	HARRENGA, AXEL	2,915,311
GEBERT, MARK S.	2,915,538	GRANGER, CLAUDE	2,913,267	HARRER, MARTIN	2,915,294
GEHLEN, CHRISTOPH		GRANT, CHRISTOPHER	2,915,530	HARRIS, BARUCH Z.	2,915,358
DOMINIC	2,915,399	GRAPHIC PACKAGING		HASENOEHL, ERIK JOHN	2,915,324
GEIGER, RALF	2,915,437	INTERNATIONAL, INC.	2,915,257	HAUER, UWE	2,915,577
GEIGER, WOLFRAM	2,915,176	GRAPHIC PACKAGING		HAZLETT, LUKE P.	2,915,332
GEIS, JENNIFER	2,915,628	INTERNATIONAL, INC.	2,915,260	HEDTJARN, MAJ	2,915,316

## Index des demandes PCT entrant en phase nationale

HELIX BIOMEDIX INC.	2,915,174	INSTITUT POLYTECHNIQUE		KANOUS, TREVOR	2,915,514
HELLERSTEIN, MARC K.	2,915,092	DE BORDEAUX	2,915,089	KAPLAN, JOSHUA	2,915,129
HELMRICH, CHRISTIAN	2,915,437	INTEGRATED MONITORING		KAPPEL, GARY	2,915,510
HELPMFUL PRODUCTS 4U, LLC	2,914,814	SYSTEMS, LLC	2,915,265	KARCZEWICZ, MARTA	2,915,114
HEMPENIUS, EELKE GJALT	2,915,442	INTELLIGENT MEDICAL		KARJALAINEN, KARI	2,915,417
HENSELER, RICHARD	2,915,515	OBJECTS, INC.	2,915,150	KARYOPHARM	
HERAKLES	2,915,109	INTELOMED, INC.	2,915,060	THERAPEUTICS INC.	2,915,365
HERSHBERG, JERRY	2,915,202	INTER-JOIN PTY LTD	2,915,100	KASHYAP, TRINAYAN	2,915,365
HERSHBERG, JERRY	2,915,217	INTERVET INTERNATIONAL		KATO, SATOSHI	2,914,464
HESS, HAROLD	2,915,119	B.V.	2,914,728	KATO, SHIGEKI	2,915,584
HEXAL AG	2,914,776	INVENTIO AG	2,915,577	KATO, YOSHINAGA	2,914,808
HIGHLANDS TECHNOLOGIES		INVICTUS ONCOLOGY PVT.		KAUFFMAN, LOUIS	
SOLUTIONS	2,915,094	LTD.	2,915,357	DOMINIQUE	2,915,128
HILINSKI, GERARD	2,915,354	IPPOLITO, MASSIMO	2,915,315	KAYSER, KEVIN	2,915,467
HILL, RANDAL M.	2,915,351	IRMINGER, RENAUD	2,915,079	KAZEMI MIRAKI, MOJTABA	2,915,133
HILPERT, HANS	2,915,536	IRVINE SCIENTIFIC SALES		KEEVEN, JAMES	2,915,606
HINDSON, BENJAMIN	2,915,499	COMPANY, INC.	2,915,540	KELLEY, JOHN D.	2,914,489
HINDSON, CHRISTOPHER	2,915,499	ISARNA THERAPEUTICS		KELLY, MICHAEL GARRY	2,915,079
HINDUSTAN PETROLEUM		GMBH	2,908,105	KERNS, BYRON WESLEY	2,915,263
CORPORATION LIMITED	2,915,578	ISHIZAWA, YASUHIRO	2,914,459	KEYHL, MICHAEL	2,915,446
HOCKING, KYLE	2,911,315	IVASHIN, DMITRIY	2,915,502	KHALEEL, MOHAMED	
HOEKSTRA, WILLIAM J.	2,915,054	IYENGAR, SUJATHA	2,915,504	AKASHA	2,915,082
HOLLAND, BENJAMIN	2,915,166	IYENGAR, SUJATHA	2,915,509	KHANNA, RAMANEEK	2,915,511
HOLLENBERG, DORIS	2,915,216	J.R. SIMPLOT COMPANY	2,915,122	KIEN, KATHRYN CHRISTIAN	2,915,047
HOLLOWS, MATTHEW R.	2,915,384	JACK, GORDON	2,915,525	KIKUCHI, YOSHITAKA	2,914,464
HOLOPAINEN, KARI	2,915,135	JACKSON, FRANK P.	2,915,052	KIM, JIN-WOOK	2,915,498
HOLTMANN, LUDGER	2,914,748	JACKSON, TRENTON FRANK	2,914,931	KIM, MUSONG	2,915,129
HOM, LOUIS G.	2,915,229	JACOBY, JEFFERY	2,914,695	KIM, SUNG K.	2,915,628
HOMMES, DANIEL W.	2,914,926	JAEGERS, WOLFGANG	2,915,437	KING FAHD UNIVERSITY OF	
HONEKAMP, JACOB R.	2,915,492	JAKUBCZAK, PAULINA	2,915,041	PETROLEUM &	
HOSOKOSHIYAMA, HIROSHI	2,914,459	JAMISON, DALE E.	2,914,907	MINERALS	2,915,036
HOSSAIN, SK SAMAD	2,915,357	JANICOT, MICHEL	2,908,105	KING, CHADWICK TERENCE	2,915,386
HU, ZHIHAO	2,915,229	JANSSEN BIOTECH, INC.	2,915,088	KING, L. HERBERT, JR.	2,915,606
HUAWEI TECHNOLOGIES		JAROSZ, MIRNA	2,915,499	KIRCHNER, NICOLE	2,915,524
CO., LTD.	2,895,599	JARVENPAA, JANNE	2,915,135	KIRK, JOEL	2,914,493
HUAWEI TECHNOLOGIES		JASCHINSKI, FRANK	2,908,105	KIRKHOPE, KENNEDY J.	2,914,905
CO., LTD.	2,915,317	JEGLORZ, TOBIAS	2,915,520	KIRLEW, PATRICK	2,915,177
HUBER, STEPHEN	2,915,183	JENNINGS, DOUGLAS IVAN	2,915,159	KISHIO, KAZUMA	2,915,083
HUGHES, ERIC T.	2,915,202	JENNINGS, DOUGLAS IVAN	2,915,185	KITE GEN RESEARCH S.R.L.	2,915,315
HUNGER, ROBERT M.	2,914,492	JENSEN, KELLY	2,915,223	KLEBE, SKOTT	2,915,527
HUNTER DOUGLAS INC.	2,915,204	JIANG, FUKANG	2,915,378	KLEIN, MARKUS	2,915,055
HUNTER, SCOTT	2,914,493	JIANG, MAY XIAOWU	2,915,561	KLEIN, ROLAND	2,915,421
HYTTINEN, MATS	2,915,400	JOANNY MENVIELLE-		KLOSIN, JERZY	2,915,067
IBASCO, ALEX D.	2,915,350	BOURG, FABIENNE	2,915,326	KOBASHI, MASAYO	2,915,150
IDO, TORU	2,914,807	JOHNS HOPKINS UNIVERSITY	2,914,918	KOBAYASHI, HISASHI	2,915,241
IG SPECIALS B.V.	2,915,170	JOHNSON, MICHAEL H.	2,915,362	KOBAYASHI, WILLIAM	
IHC HOLLAND IE B.V.	2,914,925	JONES, TIMOTHY DAVID	2,915,412	THORU	2,915,241
IHI CORPORATION	2,915,344	JOURDAN, MARION	2,914,811	KOCH, DALE	2,915,374
IHI CORPORATION	2,915,584	JPR	2,915,293	KOCH, JUSTIN	2,915,379
ILDEFONSO HUERTAS, JOSE		JUDET, MAURICE GUY	2,915,106	KOCH, JUSTIN	2,915,591
ANTONIO	2,915,415	JUMP, JOSEPH	2,915,063	KOENIG, RENE	2,914,812
ILLEDITS, THOMAS	2,915,577	JUMP, JOSEPH	2,915,065	KOIVUSALO, SANNA	2,915,538
ILLUMINA, INC.	2,915,598	JUVENTIN-MATHES, ANNE-		KOLCZEWSKI, SABINE	2,915,536
IMPERIAL INNOVATIONS		CLAIRE	2,914,735	KONDA, KRISHNAMURTHY	
LTD	2,915,554	K+S AKTIENGESELLSCHAFT	2,915,399	RAMASWAMY	2,915,578
IMPLANT SCIENCES		K-FEE SYSTEM GMBH	2,913,597	KONDO, YUSUKE	2,914,464
CORPORATION	2,915,502	KAESTLE, SIEGFRIED		KONINKLIJKE PHILIPS N.V.	2,915,138
INDENA S.P.A.	2,915,424	WALTER	2,915,138	KONINKLIJKE PHILIPS N.V.	2,915,309
INDIAN INSTITUTE OF		KAHRAMAN, MEHMET	2,915,534	KOSTRZEWA, THOMAS J.	2,915,202
TECHNOLOGY, MADRAS	2,915,578	KAI, HIROYUKI	2,915,325	KOUZNETSOV, MIKHAIL	2,915,181
INDOO.RS GMBH	2,915,167	KAKADJIAN, SARKIS R	2,915,183	KRAINZ, MARKUS	2,915,167
INFECTIOUS DISEASE		KALID, ORI	2,915,365	KRAY, NICHOLAS JOSEPH	2,915,496
RESEARCH INSTITUTE	2,914,501	KALLO, JOHN P.	2,915,332	KREEL, NATHANIAL	2,915,063
INOUE, RYOTA	2,915,581	KAMECHE, MOHAMED	2,915,087	KREEL, NATHANIAL	2,915,065

## Index of PCT Applications Entering the National Phase

KROLING, HENRI	2,915,421	LEVY, LAURENT	2,915,430	MALLINCKRODT LLC	2,915,070
KRONOPLUS TECHNICAL AG	2,915,134	LEWIS, GREGORY J.	2,915,041	MALMI, TIMO	2,915,538
KRONTHALER, ULRICH	2,914,776	LEWIS, JENNIFER A.	2,915,409	MANCERA AROCA, PILAR	2,915,164
KRUGER, MARC	2,913,597	LI, MING	2,895,599	MANDALA, SWADHIN K.	2,915,357
KURIYAMA, KAZUhide	2,915,344	LI, QUN-FANG	2,913,267	MANN, J. ADIN	2,915,408
KVERNELAND A/S	2,915,284	LI, WANQIANG	2,915,395	MANNING, JAMES J.	2,915,501
KYOTO UNIVERSITY	2,915,085	LI, YUAN	2,915,499	MAPPUS, CHRISTIAN S.	2,914,908
L'AIR LIQUIDE - SOCIETE		LI, YUANQIANG	2,915,517	MARAIS, RICHARD	2,915,425
ANONYME POUR		LIANG, REBECCA YUE	2,915,354	MARCOUX, FRANK W.	2,915,296
L'ETUDE ET		LIANG, YINGYI	2,915,123	MARKOVIC, GORAN	2,915,437
L'EXPLOITATION DES		LIBERAL, VASCO	2,915,250	MARKUS, LENZ	2,915,320
PROCEDES GEORGES		LIEBENEINER, ROLF	2,915,172	MARMANIS, BABIS	2,915,527
CLAUDE	2,913,267	LIENHARD, JOHN	2,915,036	MARS, INCORPORATED	2,915,064
LABORATOIRE FRANCAIS DU		LIFE TECHNOLOGIES		MARSHALL, STEPHEN	2,915,263
FRACTIONNEMENT ET		CORPORATION	2,915,475	MARTE, JULIO C.	2,915,041
DES BIOTECHNOLOGIES	2,915,141	LIMBERG, ANJA	2,915,536	MARTIN, GREGORY SCOTT	2,915,561
LABORATOIRES BODYCAD		LINDEN, LARS	2,915,311	MARTIN, MARCIA REID	2,915,066
INC.	2,915,281	LINDHOLM, MARIE	2,915,316	MARTIN, TODD	2,915,525
LABRIJN, ARAN FRANK	2,915,575	LIOR, ADAM D.	2,915,504	MARTINEZ NAVARRO,	
LAFFLEUR, BRICE	2,915,113	LIOR, ADAM D.	2,915,509	MANUEL ANGEL	2,915,531
LAFOREST, LUC	2,915,084	LISNER, UDO-WALTER	2,915,399	MASARIE, FRED	2,915,150
LAJESIC, BORISA	2,914,910	LITTLE, MELISSA	2,915,097	MASHIACH, ADI	2,915,077
LAM, STEVEN	2,915,036	LITTMAN, BRUCE H.	2,915,296	MASHIACH, ITZIK	2,915,077
LAMONT, ROBERT G.	2,915,232	LIU, SHUANG	2,915,561	MASQUELIER, DONALD	2,915,499
LANDESMAN, YOSEF	2,915,365	LOEW-BASELLI,		MASSACHUSETTS INSTITUTE	
LANDIS, CHARLES R.	2,914,914	ALEXANDRA	2,915,472	OF TECHNOLOGY	2,915,036
LANDMARK GRAPHICS		LOGAN, AARON W.	2,915,133	MAST, NICOLE	2,915,351
CORPORATION	2,914,912	LOGAN, AARON W.	2,915,136	MATERIA, INC.	2,915,486
LANDMARK GRAPHICS		LOGAN, JUSTIN C.	2,915,133	MATHEISL, MICHAEL	2,915,577
CORPORATION	2,915,116	LOGAN, JUSTIN C.	2,915,136	MATHUR, RAJIV	2,915,206
LANDMARK GRAPHICS		LOHMEIER, GERHARD	2,915,392	MATTHEAKIS, LARRY C.	2,908,593
CORPORATION	2,915,178	LOHMEIER, GERHARD	2,915,541	MATTHEWS, JOHN	2,915,065
LANE, JOHN W.	2,914,813	LOKKA, TROND	2,915,567	MATZNER, PINI	2,914,501
LANG, YANPING	2,915,173	LONGORIA, JAMES	2,914,495	MAUSER, THILO	2,914,748
LANGER, MARTIN	2,915,318	LONGORIA, JAMES	2,914,505	MCCABE, MICHAEL J.	2,915,052
LANGER, ROBERT SAMUEL	2,915,358	LONGORIA, JAMES	2,914,507	MCCAULEY, DILARA	2,915,365
LANKHORST, PETER PHILIP	2,915,103	LOPES, JEFFREY D.	2,915,631	MCCLURE, STUART	2,915,383
LANT, NEIL JOSEPH	2,915,110	LOPEZ PALACIOS, EIRA	2,915,586	MCEWEN, MARK	2,915,542
LANT, NEIL JOSEPH	2,915,112	LORGOUILLOUX, MARION	2,915,102	MCGRANE, SCOTT JOSPEPH	2,915,064
LAPIERRE, HILDE	2,915,433	LOTTE, RAINER	2,915,032	MCKINNEY, HAROLD JOE	2,915,490
LARRICK, JAMES W.	2,915,474	LOUAPRE, DAVID	2,915,504	MCNALLY, EUGENE J.	2,914,472
LATECOERE	2,915,292	LOUAPRE, DAVID	2,915,509	MCSHERRY, PAUL MICHAEL	2,915,252
LATECOERE	2,915,293	LUCANO, DANIELE	2,914,786	MECUSON, GAUTIER	2,915,109
LATELEC	2,915,295	LUFTHANSA TECHNIK AG	2,915,161	MEEDL68 LP	2,915,205
LAVERTU, MARC	2,915,131	LUKAS, TIM	2,915,445	MEESTERS, JOYCE	2,915,575
LAVON, GARY DEAN	2,915,238	LUMBARD, JOHN ASHMORE	2,915,254	MEHLHASE, SABRINA	2,915,421
LC THERAPEUTICS, INC.	2,914,495	LUO, TAO	2,915,130	MELO VIEIRA GONCALVES	
LC THERAPEUTICS, INC.	2,914,505	LUVATA ESPOO OY	2,915,173	FERREIRA, BRUNO	2,915,104
LC THERAPEUTICS, INC.	2,914,507	LYKKEBO, JESPER		MELTON, DOUGLAS A.	2,915,088
LE GAL, GUY	2,914,703	LUNDGAARD	2,915,171	MELTON, DOUGLAS A.	2,915,091
LE GALL, LAURENT	2,914,735	LYSENKO, ZENON	2,915,067	MENDIOLAGOITIA JULIANA,	
LEBAN, JOHANN	2,915,566	MA, JIANGLEI	2,915,317	JOSE	2,915,545
LEE, SANG-HEE	2,915,498	MACKENZIE, GRAEME	2,915,166	MENDOZAS, JULIO	2,915,211
LEINFELDER, PETER	2,915,176	MADE, SYLVAIN	2,913,267	MENG, SHI-YUAN	2,915,386
LEMAIRE, MARC	2,914,783	MAGILL, BRIAN	2,915,393	MENON, KRISHNAN	2,915,268
LENTI, MASSIMO	2,915,573	MAGNA POWERTRAIN BAD		MERCIER, DANIEL	2,915,226
LEONELLI, JEAN-BAPTISTE	2,915,619	HOMBURG GMBH	2,914,748	MERCK PATENT GMBH	2,915,055
LEONELLI, JEAN-BAPTISTE	2,915,620	MAK, KWOK	2,915,313	MERRILL, LANDON	2,915,499
LEOPOLD, ANDREW	2,915,223	MAKOUBOU, URBAIN	2,915,090	MESSINA, LUCIANO	2,915,253
LETT, NATHAN L.	2,915,351	MAKOVEC, CHRISTOPH	2,915,577	MESZAROS, LADISLAUS	2,915,042
LEVEL 3 COMMUNICATIONS,		MAKOWE, JOACHIM	2,915,399	METZER, COLLIN	2,915,514
LLC	2,915,533	MALBERG, JESSICA	2,915,536	MEURER, GUIDO	2,915,318
LEVITES, SEAGEN	2,915,383	MALDONADO, JOSE	2,915,150	MICACCHI, STEVE	2,915,403
LEVY, LAURENT	2,915,145	MALINOWSKI, PAWEL M.	2,915,276	MICKELAT, THOMAS	2,915,522

## Index des demandes PCT entrant en phase nationale

MICROSOFT TECHNOLOGY LICENSING, LLC	2,915,268	NATIONAL UNIVERSITY CORPORATION TOKYO MEDICAL AND DENTAL UNIVERSITY	2,915,443	OUTOKUMPU OYJ	2,915,556
MILAM, STANLEY NEMEC	2,915,592	NAZARIAN, AARON AVRAHAM	2,915,386	OZAKI, YOSHITOMO	2,915,394
MILAM, STANLEY NEMEC	2,915,594	NEIJSSSEN, JOOST J.	2,915,575	OZAWA, ATSUSHI	2,915,580
MILETZKY, FRANK	2,915,421	NEKKALAPUDI, BANU DURGA SATISH	2,915,595	OZAWA, ROBERT D. P.T.I.	2,915,232
MILLAR, DAVID	2,915,169	NESBITT, ADAM	2,915,542	PAGLIARO, ANTHONY P., JR.	2,915,555
MILLER, GLENN A.	2,915,057	NESS, KEVIN	2,915,499	PAGLIUCA, FELICIA J.	2,915,507
MILLMAN, JEFFREY R.	2,915,088	NESTEC S.A.	2,915,401	PAGLIUCA, FELICIA J.	2,915,088
MILLMAN, JEFFREY R.	2,915,091	NETTEM, VENKATESWARLU CHOUDARY	2,915,578	PALEY, JAMES K.	2,915,091
MILLS, KAREN L.	2,915,260	NGUYEN, VAN DOAN	2,914,748	PALLAS, MICHAEL	2,914,814
MINARDI, JOHN E., II	2,915,409	NI, HSIAO-TZU	2,915,540	PALOMERO COCHO, FRANCISCO	2,915,475
MINIPUMPS, LLC	2,915,378	NICHOLS, TIMOTHY C.	2,915,511	PANCOSMA S.A.	2,915,545
MINOO, KOOHYAR	2,915,359	NIELSEN, NIELS FISHER	2,915,316	PANDHA, HARDEV	2,915,320
MISNER, JON	2,915,542	NIPPON STEEL & SUMITOMO METAL CORPORATION	2,914,464	PANSEGROUW, BESTER JACOBUS	2,915,397
MITCHELL, IAN D.	2,914,907	NISHINA, KAZUTAKA	2,915,443	PAPROCKI, MARCIN J.	2,915,569
MITRA, ASHIM K.	2,914,472	NISPER, JON	2,915,166	PARALLEL 6, INC.	2,915,276
MITRAGOTRI, SAMIR SURESH	2,915,358	NIXON, THOMAS R.	2,915,052	PARADES, SALVADOR	2,914,915
MOGHADAM, ALI MINAEI	2,915,039	NORTHROP GRUMMAN LITEF GMBH	2,915,176	PARENTI, GIANCARLO	2,915,533
MOKHTARZADEH, MORTEZA	2,915,057	NOVARTIS AG	2,915,153	PARK, ALLEN	2,915,127
MONDAL, BHASKAR NANDA	2,914,493	NOVOZYMES A/S	2,915,063	PARRAMON, JORDI	2,915,516
MONIZ, THOMAS	2,914,493	NOVOZYMES A/S	2,915,065	PARREN, PAUL	2,915,232
MONNING, URSULA	2,915,419	NOWLIN, CHRISTOPHER JAMES	2,915,062	PATEL, DINESH V.	2,915,575
MONROS, SERGE V.	2,915,059	NUBBO, NARMIN	2,915,421	PATEL, LEENA	2,908,593
MONTROSS, CHARLES S.	2,915,053	NURSE, JAMES	2,915,475	PATEL, LISA	2,915,129
MOORE, KIRK W.	2,914,489	NUVERA FUEL CELLS, INC.	2,915,248	PATEL, NARIK	2,915,075
MOORE, MEGAN	2,915,203	O'CONNOR, CHELSEA	2,915,049	PATEL, NILESH C.	2,915,039
MOORE, STEVEN A., JR.	2,915,386	O'DEA, MICHAEL	2,915,383	PATEL, SAMIR	2,915,332
MOOSHOFER, HUBERT	2,915,303	O'HEERON, PETE	2,915,249	PAYPAL, INC.	2,915,255
MORACCI, MARCO	2,915,127	O'SULLIVAN, KEVIN	2,915,079	PAYPAL, INC.	2,915,039
MORAN GARCIA, EDUARDO	2,915,545	OBERMANN, MATTHIAS	2,915,446	PAYPAL, INC.	2,915,511
MORAZZONI, PAOLO	2,915,424	OBIKA, SATOSHI	2,915,443	PEARLMAN, RODNEY	2,915,595
MORGELIN, MATTHIAS	2,915,572	OCULAR TECHNOLOGIES SARL	2,914,472	PEARSON, DAVID R.	2,915,358
MORITANI, TATSURU	2,915,581	ODELL, ALBERT C., II	2,915,251	PECORARO, THOMAS	2,915,095
MORIYA, YOSHIHIRO	2,915,581	OGANESOVA, ALINA	2,915,150	PEDDY, VENKATA CHALAPATHI RAO	2,915,578
MORKENS, VOLKER	2,915,399	OH, MYUNGSHIN	2,915,472	PEDDY, VISHWESHVAR	2,912,902
MORRISON, DAMIEN	2,915,295	OHARA, HIDEKI	2,915,394	PEET, RICHARD C.	2,915,122
MOSELEY, TODD	2,915,119	OHIO STATE INNOVATION FOUNDATION	2,915,210	PEGA, STEPHANIE	2,915,139
MUELLER, LARRY N.	2,915,299	OLIVEIRA, STEVEN M.	2,915,257	PELLETIER, MARC	2,915,102
MUIR, GORDON CAMERON	2,913,495	OLIVIERI, CLAUDIA	2,914,786	PELLETIER, MICHAEL T.	2,914,907
MULLER, ROLF	2,915,250	OLSEN, ALMA	2,915,614	PENNINGTON, GERALD M.	2,915,052
MULLER-COHN, JUDY	2,915,250	OPES CORPORATION OY	2,915,135	PENNOCK, BRANDON J.	2,915,052
MULLIGAN, TIMOTHY	2,915,361	OPHTHOTECH CORPORATION	2,915,255	PENTAIR FLOW SERVICES AG	2,914,489
MULLINS, BRAD	2,915,591	OPTICOM DIPL.-ING. MICHAEL KEYHL GMBH	2,915,446	PERENTES, ALEXANDRE	2,915,401
MULVANY, KENNETH	2,915,163	ORENDA ENERGY SOLUTIONS INC.	2,915,530	PEREZ-LADAGA, ALBERT	2,915,250
MUNRO, JOHN J.	2,915,384	ORGENESIS LTD.	2,915,143	PERLMAN, ANDREW J.	2,915,474
MUNROE, DONALD	2,914,918	OSAFUNE, KENJI	2,915,085	PERMEH, RYAN	2,915,383
MURPHY, JOHN	2,915,073	OSAKA UNIVERSITY	2,915,443	PERREAULT, STEPHANE	2,915,129
MURTHY, VIJAY M. K.	2,915,358	OSTERGAARD, JAKOB	2,915,570	PERRIER, CHRISTOPHE	2,915,293
MUSTANG SAMPLING, LLC	2,915,235	OSUMI, TERUKO	2,915,122	PERRIGO, MELISSA DIANNE	2,915,070
MUSUMECI, LUCA	2,915,253	OTHOMENE, RENAUD	2,915,292	PERRIN, CYRIL	2,915,582
N.V. NUTRICIA	2,914,811	OTSUBO, HIROYUKI	2,915,083	PERRY, MARK J.	2,915,203
NAEYMI-RAD, FRANK	2,915,150			PERSON, TIMOTHY J.	2,915,044
NAGASE, YATSUYA	2,914,808			PETERSON, QUINN P.	2,915,088
NAGEL, YVONNE ALICE	2,915,354			PETERSON, QUINN P.	2,915,091
NAKAJIMA, MASAYUKI	2,915,352			PETRI, ANDREAS	2,915,316
NAKAMURA, KAZUO	2,915,580			PHAM, KHOA D.	2,915,052
NAM, CHAN-UNG	2,915,346			PHILLIPS, BRIAN KIRBY	2,915,265
NANOBIOTIX	2,915,145			PHILLIPS, GARY	2,915,129
NANOBIOTIX	2,915,430			PIENADO, RENE E.	2,915,205
NANOSTRING TECHNOLOGIES, INC.	2,914,816			PIETRI, EMMANUELLE	2,915,128
NATAC BIOTECH, S.L	2,915,164			PIETROBON, PATRICIA	2,915,279

## Index of PCT Applications Entering the National Phase

PIETSCH, HOWARD CHARLES	2,915,096	QUINTELA FERNANDEZ,		ROEGNER, ERIC V.	2,915,299
PILLAI, SATEESH	2,915,376	JOSE CARLOS	2,915,164	ROGERS, ADAM	2,915,119
PIMCO 2664 LIMITED	2,915,075	RACHAMIM, NURIT	2,915,412	ROLSTON, CLAUDE A.	2,915,235
PINO MENDEZ, JUAN JOSE	2,915,061	RAGUNATHAN, KALIAPPA G.	2,915,352	ROMMENS, CAIUS	2,915,122
PINZL, MICHAEL	2,915,294	RAHAIM, JOHN JOSEPH	2,914,493	ROOF, GORDON R.	2,915,067
PIPES, DAVID WAYNE	2,915,070	RAKOW, MATTHEW ALLEN	2,915,268	ROS ZUAZUA, PEDRO	2,915,545
PIZZORNO, MARCO	2,914,786	RAMAKRISHNAN, SRIVIDYA	2,912,902	ROSEN, HOWARD BRIAN	2,915,358
PLASLATINA INDUSTRIA		RAMESH, KANAPARTHI	2,915,578	ROSENBERGER	
PLASTICA LTDA-ME	2,915,101	RAMOS, VIOLETA	2,915,183	HOCHFREQUENZTECHNI	
PLASSER & THEURER		RAMSAY, TRAVIS ST.		K GMBH & CO. KG	2,915,155
EXPORT VON		GEORGE	2,914,912	ROSENBERGER	
BAHNBAUMASCHINEN		RAMSUER, BRANDON L.	2,915,495	HOCHFREQUENZTECHNI	
GESELLSCHAFT M.B.H.	2,915,521	RANALLI, ANTONIO	2,915,573	K GMBH & CO. KG	2,915,402
PLATTNER, TROY	2,915,374	RASCHKE, MARIAN	2,915,311	ROSENBERGER	
PLURIONICS B.V.	2,914,922	RAVN, JACOB	2,915,316	HOCHFREQUENZTECHNI	
POLAND, ROSS	2,915,247	RAYBIN, SAMUEL	2,915,477	K GMBH & CO. KG	2,915,404
POLYVALOR, SOCIETE EN		RAYTHEON COMPANY	2,915,202	ROSENBERGER	
COMMANDITE	2,915,131	RAYTHEON COMPANY	2,915,217	HOCHFREQUENZTECHNI	
POMMERSHEIM, RAINER	2,915,364	RAYTHEON COMPANY	2,915,218	K GMBH & CO. KG	2,915,406
POPOVA, EMANUELA E.	2,915,229	REDL, ANDREAS	2,914,783	ROSENBERGER	
PORTAGE		REED, STEVEN G.	2,914,501	HOCHFREQUENZTECHNI	
PHARMACEUTICALS		REG LIFE SCIENCES, LLC	2,915,229	K GMBH & CO. KG	2,915,407
LTD.	2,915,296	REGAN, WILL	2,915,355	ROSENBERGER	
PORTO, CATERINA	2,915,127	REHAHN, MATTHIAS	2,915,421	HOCHFREQUENZTECHNI	
POST, ROBERT J.	2,915,052	REICHERT, JORG	2,915,318	K GMBH & CO. KG	2,915,410
POTRATZ, JASON	2,915,095	REIFFERSCHIED, MORITZ	2,915,161	ROSENDAL, CLAUD	2,915,570
POTTER, MARKUS	2,915,524	REINSTEIN, MICHAEL	2,915,522	ROSS, STEVEN A.	2,914,493
POTTIER, AGNES	2,915,145	REISSNER, FLORIAN	2,915,305	ROWE, MATHEW D.	2,914,907
POTTIER, AGNES	2,915,430	REISSNER, FLORIAN	2,915,306	ROY, JEAN	2,913,267
POUGET, GAELLE	2,915,411	RENALIER, FLORENCE	2,915,099	ROY, MONIDEEPA	2,915,357
POUL, LAURENCE	2,915,145	RENEWABLE ENERGY		RUDAKOV, LEON	2,915,223
POUL, LAURENCE	2,915,430	GROUP, INC.	2,914,932	RUDAKOV, LEON	2,915,267
PPG INDUSTRIES OHIO, INC.	2,915,352	RESEARCH INSTITUTE AT		RUPCICH, TIMOTHY	
PRADHAN, ANSHU A.	2,915,525	NATIONWIDE		STEPHEN	2,915,084
PRAXAIR TECHNOLOGY, INC.	2,915,241	CHILDREN'S HOSPITAL	2,915,210	RX NETWORKS INC.	2,915,528
PRECISION PLANTING LLC	2,915,374	REST, TORSTEN	2,915,399	RYAN, SHAWN	2,915,477
PRECISION PLANTING LLC	2,915,379	REUTER, HARDY	2,915,147	S.A. LHOIST RECHERCHE ET	
PRECISION PLANTING LLC	2,915,591	REVEL, THOMAS	2,915,109	DEVELOPPEMENT	2,915,102
PRENTICE, IAN FRANCIS	2,915,496	REYNOLDS, JOHN R.	2,915,381	SADEWHITE, JAMES	2,915,123
PRESIDENT AND FELLOWS		REZANIA, ALIREZA	2,915,088	SAEZ ESPINOLA, GABRIEL	2,915,586
OF HARVARD COLLEGE	2,915,088	RHEA, STEVEN	2,915,606	SAGEL, PHILIPPE	2,914,735
PRESIDENT AND FELLOWS		RHIZEN PHARMACEUTICALS		SAIKIA, KALYAN	2,915,178
OF HARVARD COLLEGE	2,915,091	SA	2,915,418	SAINT-GOBAIN ABRASIFS	2,915,501
PRESIDENT AND FELLOWS		RIBI PACK SPA	2,915,038	SAINT-GOBAIN ABRASIVES,	
OF HARVARD COLLEGE	2,915,354	RIBI, LEON ANTOINE	2,915,038	INC.	2,915,501
PRESIDENT AND FELLOWS		RICE, WILLIAM C.	2,915,501	SAINT-GOBAIN ABRASIVES,	
OF HARVARD COLLEGE	2,915,409	RICOH COMPANY, LTD.	2,914,808	INC.	2,915,506
PRICE, ANDREW	2,915,499	RICOH COMPANY, LTD.	2,915,581	SAINT-GOBAIN CERAMICS &	
PRINSSSEN, ERIC	2,915,536	RIEMER, CLAUS	2,915,536	PLASTICS, INC.	2,915,504
PRITCHARD, MARTYN	2,915,163	RINGENA, OKKO	2,915,421	SAINT-GOBAIN CERAMICS &	
PROTAGONIST		RINNERT, THORSTEN	2,915,216	PLASTICS, INC.	2,915,509
THERAPEUTICS, INC.	2,908,593	RIOJA, ROBERTO J.	2,915,299	SAINT-GOBAIN	
PROXIMAGEN LIMITED	2,915,163	RIOS, ANTHONY MICHAEL	2,915,512	PERFORMANCE	
PUERTOLAS, BASTIEN	2,915,295	RIOS, MANUEL JOE	2,915,512	PLASTICS CORPORATION	2,915,052
PUGLIESE, MARCO	2,915,164	RIVA, ANTONELLA	2,915,424	SAINT-GOBAIN	
QIAN, LINGFENG	2,915,517	RIVAUULT, JEAN-YVES	2,915,256	PERFORMANCE	
QIN, JIHONG	2,915,319	RIVERS DEL REY	2,915,512	PLASTICS CORPORATION	2,915,507
QUALCOMM INCORPORATED	2,915,114	ROBERTSON, JACK	2,915,073	SALEHI-REYHANI, ALI	2,915,554
QUALCOMM INCORPORATED	2,915,130	ROBICHAUD, JEAN	2,915,281	SALOMON S.A.S.	2,915,422
QUENEAU, YVES	2,914,783	ROCHE INNOVATION		SAMIRA, SARIT	2,915,412
QUICK GRIP STAPLES (HK)		CENTER COPENHAGEN		SANJUAN, ERIC A.	2,915,155
LIMITED	2,915,513	A/S	2,915,316	SANJUAN, ERIC A.	2,915,402
QUINN, JOHN FREDERICK	2,915,561	ROCKWOOL		SANJUAN, ERIC A.	2,915,404
		INTERNATIONAL A/S	2,915,442	SANJUAN, ERIC A.	2,915,406

## Index des demandes PCT entrant en phase nationale

SANJUAN, ERIC A.	2,915,410	SERAGON		SOEUNG, MELINDA	2,915,351
SANJUAN, ERIC, A.	2,915,407	PHARMACEUTICALS,		SOLETANCHE FREYSSINET	2,915,099
SANOFI	2,915,321	INC.	2,915,534	SONNENBERG CONSULTING	
SANOFI PASTEUR INC.	2,915,279	SETH, ANUJ	2,915,501	AG	2,915,427
SANOFI-AVENTIS		SETH, ANUJ	2,915,506	SONY CORPORATION	2,915,272
DEUTSCHLAND GMBH	2,915,413	SEW-EURODRIVE GMBH &		SONY CORPORATION	2,915,579
SARKAR, ARINDAM	2,915,357	CO. KG	2,915,058	SONY CORPORATION	2,915,580
SATISH, SOURABH	2,915,068	SHACHAM, SHARON	2,915,365	SORANO, RAFAEL	
SATO, MAMORU	2,914,459	SHAFREN, DARREN		GONCALVES DE SOUZA	2,915,101
SAUDER, DEREK	2,915,374	RAYMOND	2,915,397	SOUHAMI, ELISABETH	2,915,413
SAUDI BASIC INDUSTRIES		SHAM, KIN-JOE	2,915,252	SPATARO, MARCO	2,915,248
CORPORATION	2,915,082	SHANGHAI HUILUN LIFE		SPEC MED INTELLECTUAL	
SAVEYN, PIETER JAN MARIA	2,915,112	SCIENCE &		PROPERTY, LLC	2,915,384
SAXONOV, SERGE	2,915,499	TECHNOLOGY CO., LTD.	2,915,319	SPERSCHNEIDER, RALPH	2,915,437
SCAVONE, TIMOTHY ALAN	2,914,681	SHANKAR, BAVANI G.	2,915,536	SPINAL SIMPLICITY LLC	2,915,119
SCHABEL, SAMUEL	2,915,421	SHAO, WENQI	2,915,123	SPINALCYTE, LLC	2,915,249
SCHAFFER, JOCHEN	2,915,305	SHECHTER, SHARON	2,915,365	SPOTTS, GERALD DICKEY	2,915,472
SCHAFFER, JOCHEN	2,915,306	SHELL INTERNATIONALE		SPRINGER, CAROLINE	2,915,425
SCHAFFER, STEFFEN	2,915,524	RESEARCH		SQUARE ENIX HOLDINGS	
SCHERER, KARIN	2,915,139	MAATSCHAPPIJ B.V.	2,915,592	CO., LTD.	2,915,582
SCHIEMANN, YVONNE	2,915,524	SHELL INTERNATIONALE		SRIVASTAVA, RAE MOHAN	2,915,178
SCHIRMER, ANDREAS W.	2,915,229	RESEARCH		ST. JOHN, MAXIMUS	2,915,036
SCHMIDMER, CHRISTIAN	2,915,446	MAATSCHAPPIJ B.V.	2,915,594	STALDER, MICHAEL H.	2,915,392
SCHNALL-LEVIN, MICHAEL	2,915,499	SHIH, JASON	2,915,378	STALDER, MICHAEL H.	2,915,541
SCHNEIDER ELECTRIC USA,		SHIMO, TAKENORI	2,915,443	STAM, JUSTIN EDWARD	2,914,925
INC.	2,915,093	SHIN, HUNG-JU	2,915,498	STANDARD ALCOHOL	
SCHNEIDER ELECTRIC USA,		SHIONOGI & CO., LTD.	2,915,325	COMPANY OF AMERICA,	
INC.	2,915,095	SHOENFELD, YEHUDA	2,915,537	INC.	2,915,532
SCHNEIDER ELECTRIC USA,		SIEFKES, JUSTIN	2,915,098	STANKOWIAK, ACHIM	2,915,300
INC.	2,915,098	SIEGEL, STEPHAN	2,915,419	STEFF DE VERNINAC,	
SCHNEIDER, BRADLEY B.	2,915,076	SIEKKINEN, ALPO	2,915,417	BERTRAND	2,915,099
SCHNIPPER, EDWARD F.	2,915,474	SIEMENS		STEINBERG, DAVID ADAM	2,915,358
SCHOONOVER, LARRY GENE	2,915,526	AKTIENGESELLSCHAFT	2,915,303	STEINMETZ, BERNHARD	2,915,147
SCHRIER, CARLA CHRISTINA	2,914,728	SIEMENS		STELTE-LUDWIG, BEATRIX	2,915,311
SCHROBSDORFF, SIMON	2,915,416	AKTIENGESELLSCHAFT	2,915,305	STEPHEN, ANTHONY R.	2,915,486
SCHROEDER, JEREMY D.	2,915,093	SIEMENS		STEVENS, REX R.	2,915,532
SCHUBERT, BERND	2,915,392	AKTIENGESELLSCHAFT	2,915,306	STEVENS, ROBERT	2,915,166
SCHUBERT, BERND	2,915,541	SIGLI, CHRISTOPHE	2,915,411	STOLL, THEODOR	2,915,536
SCHULZ, ROBERT	2,915,577	SIGMA ALDRICH CO. LLC	2,915,467	STONE, SHANTEL J.	2,914,914
SCHUURMAN, JANINE	2,915,575	SILVESTRE, LOUISE	2,915,413	STOPAK (PTY) LTD	2,915,569
SCHWARTZ GMBH	2,915,440	SIMPSON, GUY	2,915,397	STRAUB, THEODORE	2,915,475
SCHWARTZ, EVA	2,915,440	SINGH, DEEP, ARJUN	2,915,505	STRNAD, MICHAEL	2,915,379
SCHWARTZ, ROLF-JOSEF	2,915,440	SIT S.P.A.	2,915,423	STRNAD, MICHAEL	2,915,591
SCHWEITZER ENGINEERING		SIT S.P.A.	2,915,573	STROLENBERG, ALEX	2,915,308
LABORATORIES, INC.	2,915,488	SITA INFORMATION		STRONG, KEVIN CHARLES	2,915,497
SCHWEITZER ENGINEERING		NETWORKING		STRUJIK, WIM	2,915,170
LABORATORIES, INC.	2,915,508	COMPUTING IRELAND		STUART, DAVID	2,915,396
SCOTT, DAVID	2,915,473	LIMITED	2,915,079	STUCKEY, JON	2,915,542
SCOTT, DAVID	2,915,615	SJOBERG, SVEN	2,915,417	STUCKEY, JON	2,915,544
SCOTT, DAVID	2,915,617	SKYDEX TECHNOLOGIES,		SUGANO, ERIC	2,915,514
SCOTT, DAVID M.	2,915,538	INC.	2,915,514	SUGENO, NAOYUKI	2,915,579
SEGARRA, DANIEL	2,915,376	SLADE, DAVID A.	2,914,932	SUKOWSKI, JANINE	2,915,437
SEGEL, MICHAEL SARIS	2,915,088	SLATER, DAVID	2,912,709	SUMITOMO METAL MINING	
SEGEL, MICHAEL SARIS	2,915,091	SLOVUT, DEBORAH SUE	2,915,047	CO., LTD.	2,915,394
SEGUIN, CHRISTOPHER	2,915,073	SMEATON, KEVIN ROY	2,915,513	SUMITOMO SEIKA	
SEIFERT, KEVIN J.	2,915,115	SMITH, AUSTIN J.	2,915,067	CHEMICALS CO., LTD.	2,914,807
SEIFERT, KEVIN J.	2,915,118	SMITH, ELIZABETH JANE	2,915,160	SUNADA, WALLACE H.	2,915,218
SEITZ, BRET DARREN	2,915,238	SMITH, KENT A.	2,915,204	SUNTORY HOLDINGS	
SELEX ES S.P.A.	2,914,786	SMITH, NICHOLAS D.	2,915,534	LIMITED	2,904,493
SENAPEDIS, WILLIAM	2,915,365	SMITH, PAUL	2,915,477	SUVER, PAUL W.	2,914,469
SENGUPTA, ANIRUDDHA	2,915,357	SMITH, STEPHEN ALLAN	2,915,075	SUZUKI, TOSHIHIDE	2,904,493
SENGUPTA, SHILADITYA	2,915,357	SMS PASSCODE A/S	2,915,570	SWITZER, DAVID	2,915,133
SEQUENOM, INC.	2,915,628	SNECMA	2,915,106	SYMANTEC CORPORATION	2,915,068
		SOEDER, DEREK A.	2,915,383	SYRAL BELGIUM NV	2,914,783

## Index of PCT Applications Entering the National Phase

SZ ZUNZHENG DIGITAL VIDEO CO., LTD.	2,899,253	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,915,358	UNIVERSITY OF SOUTHERN CALIFORNIA	2,915,210
TAKASATO, MINORU	2,915,097	THE TALARIAST INC.	2,915,518	UOP LLC	2,915,041
TAL, MICHAEL	2,915,412	THE UNIVERSITY OF BIRMINGHAM	2,915,169	UPM-KYMMENE CORPORATION	2,915,421
TALBOT, CLAUDE	2,915,614	THE UNIVERSITY OF QUEENSLAND	2,915,097	UPONOR INFRA OY	2,915,417
TALONEN, JUHO	2,915,556	THERAPIX BIOSCIENCES LTD.	2,915,412	VACCARO, SUSANNA	2,915,253
TATA STEEL IJMUIDEN B.V.	2,915,523	THEWISSEN, MARIELLE		VAHA-VAHE, PEKKA	2,915,538
TAYLOR, ANDREW JOHN	2,915,064	MARIE GUILLAUME LOUIS	2,914,924	VAKKALANKA, SWAROOP KUMAR VENKATA SATYA	2,915,418
TAYLOR, RICHARD BRUCE	2,915,592	THOMPSON, JOHN F.	2,915,296	VALKONEN, SANNA	2,915,421
TAYLOR, RICHARD BRUCE	2,915,594	THOMPSON, KENNETH O.	2,915,235	VAN BEVEREN, PETRUS CAROLUS	2,915,555
TEGELAAR, ERIK WILLEM	2,915,592	THOMPSON, RONALD	2,915,483	VAN DE VOORT VAN DE KLEY, ANTONIUS THEODORUS MARIA	2,915,284
TEGELAAR, ERIK WILLEM	2,915,594	THYSSENKRUPP ELEVATOR INNOVATION CENTER, S.A.	2,915,545	VAN DE WOUW, DOORTJE	2,915,309
TEGELTIJA, MIKI	2,915,058	TIFFERT, YVONNE	2,915,318	VAN DEN BRINK, EDWARD	2,915,575
TEICHMANN, CARSTEN	2,915,147	TIGERCAT PHARMA, INC.	2,915,474	VAN DER EL, WIM	2,915,170
TEL HASHOMER-MEDICAL RESEARCH, INFRASTRUCTURE AND SERVICES LTD.	2,915,143	TIJM, PETER J.	2,915,532	VAN DER MERWE, GERT J.	2,915,602
TESCOM CORPORATION	2,913,495	TOMER, VIVEK	2,915,044	VAN DER VEEN, DOLF	2,915,442
THE BOARD OF REGENTS FOR OKLAHOMA STATE UNIVERSITY	2,914,492	TOMMASINI, SERENA	2,915,425	VAN HERPEN, MAARTEN MARINUS JOHANNES WILHELMUS	2,915,309
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	2,915,215	TORKAMANI, SARAH	2,915,241	VAN LEUKEN, BART	2,915,308
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	2,915,219	TORRIS, ANTOINE	2,915,293	VAN RENS, JOSEPH JOHAN MARIA	2,915,308
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	2,915,244	TOYODA, TAMOTSU	2,914,459	VAN ROBAYS, STEVEN	2,915,433
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	2,915,244	TOYOHARA, TAKAFUMI	2,915,085	VAN VELDHUIZEN, JOSHUA	2,915,129
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	2,915,245	TRAMBAIOLI DA ROCHA E LIMA, LUIS MAURICIO	2,915,104	VANDERBILT UNIVERSITY	2,911,315
THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO	2,915,149	TREIBERG, JENNIFER A.	2,915,129	VANDERMEER, DAVID	2,915,530
THE HERSHEY COMPANY	2,915,396	TRICAN COMPLETION SOLUTIONS AS	2,914,244	VASQUES, RICARDO REVES	2,915,322
THE INSTITUTE OF CANCER RESEARCH: ROYAL CANCER HOSPITAL	2,915,425	TRICAN WELL SERVICE LTD.	2,915,183	VAUGHN, JEFFREY MOSS	2,915,047
THE PATENT STORE LLC	2,915,606	TSAI, MEI-MEI	2,915,386	VEA, ORLANDO	2,915,350
THE PROCTER & GAMBLE COMPANY	2,914,681	TSYBULNYK, SERGIY	2,915,323	VEILLEUX, DANIEL	2,915,131
THE PROCTER & GAMBLE COMPANY	2,915,110	TULIPORT S.A.R.L.	2,915,364	VELU, JEYALAKSHMI	2,915,578
THE PROCTER & GAMBLE COMPANY	2,915,112	TURCOTTE, DAVID E.	2,915,042	VENDRAMINI, ANTONIO	2,915,423
THE PROCTER & GAMBLE COMPANY	2,915,216	TURNER, DAVID WAYNE	2,914,915	VERDINE, GREGORY L.	2,915,354
THE PROCTER & GAMBLE COMPANY	2,915,238	TURNER, MICHAEL	2,915,313	VERINATA HEALTH, INC.	2,915,626
THE PROCTER & GAMBLE COMPANY	2,915,324	TURNER, RONALD DAVID	2,915,324	VERLAAN, GEORGE	2,914,811
THE PROCTER & GAMBLE COMPANY	2,915,497	TUSHAKIRAN, MALLIKA	2,915,206	VERLHAC, JEAN-BAPTISTE	2,915,089
THE PROCTOR & GAMBLE COMPANY	2,915,047	UHLAND, WILLIAM C.	2,915,070	VERMILLION, INC.	2,914,918
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,914,926	UHLMANN, EUGEN	2,908,105	VEROSCIENCE LLC	2,915,405
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,915,092	UIJEN, HENRIETTE MARIA WILHELMINA JACOBA CATHARINA	2,915,103	VERSINI, CORINNE VIAMET	2,915,128
		ULRICH, RICHARD BENNETT	2,915,062	PHARMACEUTICALS, INC.	2,915,054
		ULTERRA DRILLING TECHNOLOGIES, L.P.	2,915,053	VIERTLBOCK-SCHUDY, MARGOT	2,914,776
		UNILEVER PLC	2,915,160	VIEW, INC.	2,915,525
		UNISON INDUSTRIES, LLC	2,915,177	VILJOEN, PETRUS JOHANNES	2,915,068
		UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO	2,915,586	VILLANUEVA, ANGELITO	2,915,350
		UNIVERSIDADE FEDERAL DO RIO DE JANEIRO	2,915,104	VIRALYTICS LIMITED	2,915,397
		UNIVERSITE CLAUDE BERNARD LYON 1	2,914,783	VIRGILI TRESERRES, NOEMI	2,915,164
		UNIVERSITE DE BORDEAUX	2,915,089	VITTORI, ARTURO	2,915,215
		UNIVERSITE DE LIMOGES	2,915,113	VITTORI, ARTURO	2,915,219
		UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC.	2,915,381	VITTORI, ARTURO	2,915,244
				VITTORI, ARTURO	2,915,245
				VOEGE, MICHAEL	2,915,039
				VOGLER, ANDREAS	2,915,215
				VOGLER, ANDREAS	2,915,219
				VOGLER, ANDREAS	2,915,244
				VOGLER, ANDREAS	2,915,245

## Index des demandes PCT entrant en phase nationale

VOLVO CONSTRUCTION EQUIPMENT AB	2,915,346	WOB BEN PROPERTIES GMBH	2,915,416	ZUBOV, DMITRY	2,915,311
VOLVO CONSTRUCTION EQUIPMENT AB	2,915,498	WOLF, KARI R., JR.	2,915,262	ZURICH MEDICAL CORPORATION	2,915,252
VOTSMEIER, CHRISTIAN	2,915,311	WOLFF, MATTHEW	2,915,383	ZWEIGLE, GREGARY C.	2,915,508
WACHTER, JESSICA	2,915,399	WOODSON, CAMERON	2,915,098		
WAGNER, GREGORY STEVEN	2,915,561	WU, GEFEI	2,915,042		
WAKELAND, DAN	2,915,360	XI, QINGHUA	2,895,599		
WAL-MART STORES, INC.	2,915,062	XU, WEI JAKE	2,915,251		
WALTERS, JACOB	2,915,542	YAMADA, JUICHIRO	2,915,584		
WANG, BIN	2,915,378	YAMAGISHI, YUKIKO	2,915,085		
WANG, HAIBO	2,915,229	YAMAGUCHI, NOBORU	2,914,807		
WANG, RUIFANG	2,915,561	YAMAGUCHI, TATSUKI	2,915,581		
WANG, TSILI	2,915,348	YAMAZAKI, MASAHIKO	2,915,444		
WANG, ZUNZHENG	2,899,253	YAN, HUA	2,915,122		
WAPPENHANS BATTESTINI, BLANCA	2,915,164	YAN, LIULING	2,914,492		
WARGER, GABRIELLA RAQUELLE	2,915,518	YANG, PINGHAI	2,915,600		
WASSERMANN, KNUT	2,914,812	YANMAR CO., LTD.	2,915,083		
WATANABE, HIROSHI	2,904,493	YARUS, JEFFREY MARC	2,914,912		
WATERS, JOHN F., JR.	2,915,533	YARUS, JEFFREY MARC	2,915,178		
WATTS, ELIZABETH	2,915,263	YARUS, JORDAN MICHAEL	2,915,178		
WAVELIGHT GMBH	2,915,520	YATES, CHRISTOPHER M.	2,915,054		
WAWDA, ABUBAKAR A.	2,915,068	YE, WENFA	2,915,517		
WEATHERFORD TECHNOLOGY HOLDINGS, LLC	2,915,251	YERRAMALLI, SRINIVAS	2,915,130		
WEATHERWAX, KENT	2,915,544	YOAKIM, ALFRED	2,915,401		
WEBSTER, PHILIPPA J.	2,914,816	YOKOTA, TAKANORI	2,915,443		
WEENING, FREERK	2,915,588	YOSHIDA, AMY M.	2,915,202		
WEICHO LD, JENS	2,915,392	YOSHINO GYPSUM CO., LTD.	2,915,444		
WEICHO LD, JENS	2,915,541	YOSHINO KOGYOSHO CO., LTD.	2,914,459		
WEIDAUER, JEFFREY	2,915,125	YOSHIOKA, KOTARO	2,915,443		
WEIJS, PETER JOHAN MARIE	2,914,811	YOUNG, ANDRE	2,915,150		
WEISS, SIDNEY L.	2,914,472	YOUNG, PETER RONALD	2,915,561		
WELL RESOLUTIONS TECHNOLOGY	2,915,348	YOUSUF, FAROOQ	2,915,056		
WELLTEC A/S	2,915,171	YU, LINGFENG	2,915,153		
WELLTEC A/S	2,915,322	YUAN, JUNLU	2,915,241		
WELSH, DEAN M.	2,915,044	YUYITUNG, TOM S.	2,915,181		
WERTH, ALBERT A.	2,915,507	ZACHAR, ORON	2,915,436		
WESTERN DIGITAL TECHNOLOGIES, INC.	2,915,056	ZAGOROVSKY, KYRYLO	2,915,149		
WESTROCK PACKAGING SYSTEMS, LLC	2,915,494	ZAJA, MIRKO	2,915,566		
WESTROCK PACKAGING SYSTEMS, LLC	2,915,495	ZAK, ALEXANDER	2,915,032		
WHITE, JULIAN	2,915,049	ZAMBRINI, VITTORIO ANGELO	2,915,258		
WHITE, LUTHER	2,915,538	ZAMER, KAMAL	2,915,609		
WHITEHEAD, ADAM	2,915,294	ZAMORA, FRANK	2,915,183		
WIECHMANN, DIRK	2,915,121	ZANOLI, PASQUALE	2,915,392		
WIJENBERG, JACQUES HUBERT OLGA JOSEPH	2,915,523	ZANOLI, PASQUALE	2,915,541		
WIKIERAK, TOMASZ P.	2,915,276	ZENITH EPIGENETICS CORP.	2,915,561		
WILKINSON, MICHAEL	2,915,125	ZHANG, BIN	2,915,517		
WILLIAMS, SAMUEL CAMERON	2,915,075	ZHANG, LI	2,915,114		
WILLS, JONATHAN	2,915,268	ZHANG, LIJUAN	2,915,174		
WILSON, GEOFFREY A.	2,915,265	ZHANG, XIAOMING	2,915,474		
WILSON, JONATHAN E.	2,915,073	ZHANG, XIAOMING	2,915,474		
WINKEL, DEREK J.	2,914,932	ZHANG, YAHONG	2,915,405		
WITTENBERG, RUDIGER	2,915,519	ZHANG, ZHEN	2,914,918		
WITTMANN, EVA MARIA	2,915,524	ZHAO, HE	2,915,561		
		ZHAO, LUCY MA	2,915,609		
		ZHEJIANG JIUZHOU PHARMACEUTICAL CO., LTD.	2,915,517		
		ZHENG, XIAOLAI	2,914,812		
		ZHOU, MENG	2,915,206		
		ZHOU, MINYUN	2,915,354		
		ZHU, BAOLONG	2,915,229		
		ZHU, GUOLIANG	2,915,517		
		ZODIAC AEROSAFETY SYSTEMS	2,915,256		

# 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

AAMER, KHALED ABDEL-HAKIM HELMY	2,886,272	ASSOCIATED HEALTH SYSTEMS	2,852,738	CONNELL, JASON	2,915,288
AAMER, KHALED ABDEL-HAKIM HELMY	2,886,283	ASTAFUROV, GEORGE	2,892,713	COOKE, DEREK	2,853,012
AAMER, KHALED ABDEL-HAKIM HELMY	2,886,288	BAILEY, KEVIN	2,893,177	COOKE, T. DEREK V.	2,893,164
AAMER, KHALED ABDEL-HAKIM HELMY	2,886,291	BAKER, DAVID A.	2,913,816	CROMPTON, DAVID B.	2,893,394
AAMER, KHALED ABDEL-HAKIM HELMY	2,889,394	BASU, SHUBHAYU	2,893,154	D.A. NOLT, INC.	2,913,798
AAMER, KHALED ABDEL-HAKIM HELMY	2,889,437	BATTLE, ZACHERY B.	2,893,382	DAB PUMPS S.P.A.	2,893,492
AAMER, KHALED ABDEL-HAKIM HELMY	2,889,441	BEL, LAURENT	2,891,977	DARITECH, INC.	2,893,311
AAMER, KHALED ABDEL-HAKIM HELMY	2,889,445	BENSON, KEITH A.	2,893,395	DAVIDSON, KYLE	2,914,334
AAMER, KHALED ABDEL-HAKIM HELMY	2,889,580	BERNIER, MARIE-JOSEE	2,893,165	DAVIS, GREGORY AUSTIN	2,892,953
AAMER, KHALED ABDEL-HAKIM HELMY	2,890,578	BICHACHO, NITZAN	2,915,018	DAVOS, PETER	2,888,903
AAMER, KHALED ABDEL-HAKIM HELMY	2,890,722	BIOSENSE WEBSTER (ISRAEL) LTD.	2,893,154	DAZET, FRANCIS	2,891,977
AAMER, KHALED ABDEL-HAKIM HELMY	2,890,737	BLACKBERRY LIMITED	2,914,873	DE GROOT, ANNE	2,915,168
AAMER, KHALED ABDEL-HAKIM HELMY	2,892,136	BLANCHARD, PIERRE	2,853,020	DELORME, PHILIPPE	2,891,977
AAMER, KHALED ABDEL-HAKIM HELMY	2,892,415	BOSTROM, ANDERS	2,915,225	DELTA FAUCET COMPANY	2,914,334
AAMER, KHALED ABDEL-HAKIM HELMY	2,892,416	BOYER, JOHN D.	2,914,574	DEVILLE, DEREK DEE	2,915,037
AAMER, KHALID ABDEL-HAKIM HELMY	2,886,210	BRADLEY, DONALD ALBERT	2,891,864	DEWAARD, DAVID	2,893,311
ABDELAZIZ, AHMED KAMAL SAID	2,852,858	BRANDWINE, CLARISSA LOREE COOK	2,915,391	DIAS, LIBARDO OCHOA	2,893,394
ABDELAZIZ, AHMED KAMAL SAID	2,893,354	BRANDWINE, ERIC JASON	2,915,391	DOANE, ANDREW J.	2,915,391
ABDELLATIF, AHMED SHEHATA	2,852,858	BRISBART, RAPHAEL	2,891,977	DRAPEAU, DANIEL	2,893,179
ABDELLATIF, AHMED SHEHATA	2,893,354	BROKAW INDUSTRIES, INC.	2,893,143	DRINKING BIRD SOFTWARE LTD.	2,915,117
ABL IP HOLDING LLC	2,893,340	BROKAW, KIM C.	2,893,143	DUNN, WILLIAM R.	2,915,261
ADEYINKA, OLUSOLA B.	2,913,614	BROWN, DEREK A.	2,914,334	ENTCHEV, PAVLIN B.	2,913,816
AFTON CHEMICAL CORPORATION	2,890,777	BRUSNIAK, LEON	2,888,426	EPIVAX, INC.	2,915,168
AIRBUS OPERATIONS (SAS)	2,891,977	BSH BOSCH UND SIEMENS HAUSGERATE GMBH	2,883,507	EQUIPEMENTS FDS INC.	2,893,179
ALEXANDER, JEFFREY	2,890,610	BSH HOME APPLIANCES CORPORATION	2,883,507	EQUIPEMENTS P.F.B. INC.	2,853,020
ALTENBURGER, RAY	2,893,340	C-COM SATELLITE SYSTEMS INC.	2,852,858	ESMAEILL, PAYMAN	2,913,614
ALVAREZ, EMILIO	2,913,614	C-COM SATELLITE SYSTEMS INC.	2,893,354	ETHICON ENDO-SURGERY, INC.	2,915,037
AMAZON TECHNOLOGIES INC.	2,915,391	CAI, ZHIJUN	2,914,873	EXXONMOBIL UPSTREAM RESEARCH COMPANY	2,913,614
AMOS, WILLIAM GEORGE	2,853,016	CAILOTTO, PIETRO	2,893,492	EXXONMOBIL UPSTREAM RESEARCH COMPANY	2,913,816
ANCONI, GLASIELA LEMOS	2,892,634	CALL, DERICK	2,915,288	FISHER & PAYKEL HEALTHCARE LIMITED	2,914,743
ANCONI, GLASIELA LEMOS	2,892,637	CALM TECHNOLOGIES INC.	2,914,271	FIVES INC.	2,859,116
ANDERSON, FIONA ELISABETH	2,914,743	CARMICHAEL, RICHARD ALLEN	2,893,340	FORSYTH, SHAD	2,852,738
ANTYPAS, JEROME	2,891,977	CARRION, ALEXANDER	2,886,303	FRANSON, SCOTT T.	2,912,785
		CHANDRASHEKAR, SIDDHANTH	2,892,898	FROMOVICH, OPHIR	2,915,018
		CHAPET, PIERRE	2,913,464	GABRIELSSON, ELIN	2,915,225
		CHARLIER, GERARD	2,913,464	GAMING PARTNERS INTERNATIONAL	2,913,464
		CHRISTEN, ROGER	2,882,483	GARCIA, JOE G.N.	2,915,154
		CHUNG, DESMOND RYAN	2,891,871	GENERAL ELECTRIC COMPANY	2,891,864
		CHUNG, DESMOND RYAN	2,891,983	GENERAL ELECTRIC COMPANY	2,892,713
		CLOVER MYSTIQUE CO. LIMITED	2,893,094	GENERAL ELECTRIC COMPANY	2,892,898
		COHN, DANIEL T.	2,915,391	GENERAL ELECTRIC COMPANY	2,915,120
		COMEAU, BRIAN	2,853,009	GERRED, ANDREW GORDON	2,914,743
		COMEAU, BRIAN	2,853,257	GIBBONS, DUNCAN J.	2,893,177
		CONAGRA FOODS RDM, INC.	2,914,235	GIGOYAN, SUREN	2,852,858
				GIGOYAN, SUREN	2,893,354

**Index des demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

GORMAN, CHARLES THOMAS	2,914,235	LEE, JIHONG	2,893,187	PALL CORPORATION	2,889,445
GRADON, LEWIS GEORGE	2,914,743	LEE, JIHONG	2,893,205	PALL CORPORATION	2,889,580
GREGG, PETER ALAN	2,892,898	LEE, JIHONG	2,893,213	PALL CORPORATION	2,890,578
GRZENIA, DAVID LUKAS	2,886,291	LEE, STUART HARVEY	2,892,717	PALL CORPORATION	2,890,722
GRZENIA, DAVID LUKAS	2,889,445	LEGER, FRANCOIS ROMEO	2,853,009	PALL CORPORATION	2,890,737
GTECH CANADA ULC	2,853,009	LEVAL, LAURENT	2,868,359	PALL CORPORATION	2,892,136
GTECH CANADA ULC	2,853,016	LG ELECTRONICS INC.	2,893,183	PALL CORPORATION	2,892,415
GTECH CANADA ULC	2,853,257	LG ELECTRONICS INC.	2,893,187	PALL CORPORATION	2,892,416
GUJJAR, VINEEL		LG ELECTRONICS INC.	2,893,188	PALMER, MATTHEW A.	2,915,037
CHANDRAKANTH	2,892,898	LG ELECTRONICS INC.	2,893,205	PARMETER, LARRY JAMES	2,892,953
HEO, KWANGCHUL	2,893,183	LG ELECTRONICS INC.	2,893,213	PASSERO, ALAN	2,892,637
HEO, KWANGCHUL	2,893,188	LG ELECTRONICS, INC.	2,893,182	PATTERSON, JOHN BRUCE	2,914,966
HF GLOBAL, INC.	2,892,717	LIFETOUCH INC.	2,893,395	PELTO-HUIKKO, RAIMO	2,914,023
HILGENDROF, DENNIS J.	2,889,460	LINGEN, MARK	2,915,154	PETRIE, DENNIS H.	2,913,816
HOITINK, RYAN	2,893,154	LOFFREDO, LUCIANA DE		PIERRE, FRITZ, JR	2,913,614
HONEY BEE		CASTRO MONTEIRO	2,892,634	PRUITT, JOHN DALLAS	2,914,805
MANUFACTURING LTD.	2,852,829	LOFFREDO, LUCIANA DE		QUICK FITTING, INC.	2,893,394
HONEY, GLENN	2,852,829	CASTRO MONTEIRO	2,892,637	RAJEWSKI, ROBERT K.	2,852,795
HONEY, GREGORY	2,852,829	LONGPRE, YANNICK	2,893,165	RANJKESH, NAZY	2,852,858
HONEYWELL		LOPER, JOHN T.	2,890,777	RANJKESH, NAZY	2,893,354
INTERNATIONAL INC.	2,890,610	LOPETRONE, JOHN A.	2,859,116	RASGAS COMPANY LIMITED	2,913,816
HONKANEN, JUHA	2,914,023	LOYD, STEPHEN N.	2,893,351	RHIZA IRRIGATIONAL LTD	2,893,177
HUNTER, JASON	2,883,507	LSI INDUSTRIES, INC.	2,914,574	RIDDINGTON, EDDIE	2,915,213
HUTCHENS, DANIEL	2,914,574	MANKIND CORPORATION	2,914,966	RIVERA, DAN	2,915,168
IMPERIAL OIL RESOURCES		MANUFACTURING		ROBERTS, RANDY S.	2,892,953
LIMITED	2,913,614	RESOURCES		RODRIGUEZ, YAN	2,893,340
IMRAN, ASHEQ	2,892,713	INTERNATIONAL, INC.	2,915,261	ROSNER, NORM	2,915,117
INTELERAD MEDICAL		MARTIN, WILLIAM	2,915,168	SAFAVI-NAEINI, SAFIEDDIN	2,852,858
SYSTEMS		MAVIS, DEAN	2,893,340	SAFAVI-NAEINI, SAFIEDDIN	2,893,354
INCORPORATED	2,891,871	MAVRIK MARINE INC.	2,893,382	SANG, MINKYU	2,893,188
INTELERAD MEDICAL		MCCULLOCH, COLIN CRAIG	2,892,898	SAVITZ, GEORGE	2,883,507
SYSTEMS		MCLEAN, DARLENE	2,853,533	SCHAEPERS, JOCHEN RAINER	2,892,717
INCORPORATED	2,891,983	MCPHERSON, MATHEW A.	2,893,231	SCHMIDT, STEPHEN E.	2,915,391
JACOBY, YUVAL	2,915,018	MCPHERSON, MATHEW A.	2,893,234	SCHUTTEN, MICHAEL	
JELLIS, DON	2,893,246	MERCER, LARRY	2,913,816	JOSEPH	2,915,120
JEONG, KWANWOONG	2,893,182	MILLER, BRANDON WAYNE	2,891,864	SCIENTIFIC DRILLING	
JOHNSON & JOHNSON		MISENER, DONALD LOWELL	2,914,271	INTERNATIONAL, INC.	2,893,150
CONSUMER COMPANIES,		MONTGOMERY, JOHN K.	2,913,816	SEO, JINWOO	2,893,205
INC.	2,892,634	MOSES, CARL J.	2,915,391	SEO, JINWOO	2,893,213
JOHNSON & JOHNSON		MOSS, JONATHAN	2,915,154	SHAW, RYAN J.	2,914,334
CONSUMER COMPANIES,		MYERS, RONALD D.	2,913,614	SHI, SELINA	2,886,210
INC.	2,892,637	NASADOSKI, JEFFREY		SHI, SELINA	2,886,272
JOHNSON, JAMES C.	2,893,340	JOSEPH	2,915,120	SHI, SELINA	2,886,283
JOKINEN, HARRI	2,915,213	NEIDIG, DUANE	2,852,738	SHI, SELINA	2,889,394
KAH, CARL L.C., JR.	2,914,561	NEW YORK AIR BRAKE LLC	2,915,288	SHI, SELINA	2,889,441
KARMON, BEN-ZION	2,915,018	NEWTON, STEVEN R.	2,915,288	SHI, SELINA	2,890,722
KENNER, JOHN		NIERGARTH, DANIEL ALAN	2,891,864	SHI, SELINA	2,892,136
VANDERSTAAY	2,892,953	NOBEL BIOCARE SERVICES		SHI, SELINA	2,892,416
KIM, JOHN	2,893,177	AG	2,915,018	SHL GROUP AB	2,915,225
KIM, WOOSEONG	2,893,187	NOKIA SOLUTIONS AND		SIMONDS, GARY L.	2,893,231
KIM, WOOSEONG	2,893,213	NETWORKS OY	2,915,213	SINGH, AMARNAUTH	2,886,272
KLINE, KOREY ROBERT	2,915,037	NOLT, DAVID A.	2,913,798	SINGH, AMARNAUTH	2,886,283
KONE CORPORATION	2,914,023	NOVARTIS AG	2,914,805	SINGLETON, PATRICK A.	2,915,154
KOSTE, GLEN PETER	2,915,120	ORR, SHAWN G.	2,912,785	SINICO, FRANCESCO	2,893,492
LAGONA, JASON A.	2,890,777	OZGA, CHRIS	2,852,790	SJODAHL, KIM	2,914,023
LALLY, JOHN MARTIN	2,914,805	PALL CORPORATION	2,886,210	SMITH, GREGORY MARTYN	2,914,743
LAM, ELIZABETH	2,891,871	PALL CORPORATION	2,886,272	SMITH, JENNIFER	2,853,074
LAM, ELIZABETH	2,891,983	PALL CORPORATION	2,886,283	SMITH, KENJI	2,893,177
LAU, MUN CHEE ANGELA	2,893,094	PALL CORPORATION	2,886,288	SMITH, KEVIN W.	2,915,037
LEAMY, BRETT D.	2,892,953	PALL CORPORATION	2,886,291	SMITH, KIYOSHI	2,893,177
LEBLANC, VICKY	2,853,016	PALL CORPORATION	2,886,303	SOREM, WILLIAM A.	2,913,816
LEBLANC, VICKY	2,853,257	PALL CORPORATION	2,889,394	SPEIRS, BRIAN C.	2,913,614
LEE, JIHONG	2,893,182	PALL CORPORATION	2,889,437	SRIVASTAVA, MANISHA	2,892,898
LEE, JIHONG	2,893,183	PALL CORPORATION	2,889,441	STAHL, RICHARD	2,853,074

**Index of Canadian Divisional and Previously Unavailable  
Applications Open to Public Inspection**

STANLEY, WALTER	2,906,822
STEIGERWALD, ROBERT LOUIS	2,915,120
STEPHEN N. LOYD IRREVOCABLE FAMILY TRUST	2,893,351
SUMMIT ESP, LLC	2,892,953
SUN, WEIHUA	2,852,784
SUNCOR ENERGY INC.	2,853,074
TADEPALLI, VENU M.	2,892,713
TAEB, AIDIN	2,852,858
TAEB, AIDIN	2,893,354
THE BOEING COMPANY	2,888,426
THE UNIVERSITY OF CHICAGO	2,915,154
THE VIKING CORPORATION	2,912,785
THOMAS, KURT J.	2,914,334
TORO, ANDRAS	2,914,966
TRAINOR, BETHANY	2,853,009
UNDERBRINK, JAMES ROBERT	2,888,426
VALJUS, PETTERI	2,914,023
VAN STEENWYK, BRETT	2,893,150
VAN-ROB INC.	2,888,903
WADE, WARREN STANFIELD	2,914,966
WANG, ZHIHUA	2,913,816
WAROSH, PAUL JOHN	2,914,235
WATERVILLE TG INC.	2,893,165
WHITACRE, TIM	2,893,150
WHITE, MATTHEW A.	2,893,150
WHITING, DAVID ROBIN	2,914,743
WILLIAMS, PATRICK	2,893,177
WILSON, MEGAN MICHELA	2,892,898
WINTERTON, LYNN COOK	2,914,805
WOMACK, JAMES EARL	2,914,873
WRIGHT, TRAVIS MONTGOMERY	2,914,574
WU, JEFF	2,893,329
WU, JEFF	2,893,335
WU, JEFF	2,893,374
WU, JEFF	2,893,500
WU, ZHIPENG	2,914,966
YANG, YUN	2,914,966
YEMBRA, TEMIDAYO TEMIDOYO	2,892,713
YOUSSEF, MOHAMED	2,893,150
YU, XIAOWEI	2,852,784
YU, YI	2,914,873
YUAN, CHUN-SU	2,915,154
ZENG, QINGPING	2,914,966
ZORN, GARY LEE	2,892,434
ZUBOVICS, ZOLTAN	2,914,966