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# THE CANADIAN PATENT OFFICE RECORD

# LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
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 other than those concerning subscriptions or requests for single copies 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 autre que les abonnements ou les commandes d'exemplaires séparés.

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

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# Notices

## 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] - Reissue Grant Date
- [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

# Avis

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

### Dates

Toutes dates figurant aux en-têtes 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 en-têtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques ». Ces codes sont utilisés pour l'indentification 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), siège 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 redélivrance
- [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

## Avis

### 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 at: [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 a 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 à : [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 au [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 mégaoctets qui excède 7 mégaoctets, 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.

## Notices

### 5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit on 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 on 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 10 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

**2,200,676**  
**2,310,268**

### 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 peut être 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. 10 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.

**2,200,676**  
**2,310,268**

## Avis

### 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).

### 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.

## Notices

### **11. PATENT COOPERATION TREATY (PCT)**

#### **SCHEDULE OF FEES APPLICABLE FROM JULY 26, 2004**

<b>1. Transmittal Fee (Rule 14)</b>	<b>\$300</b>
<b>2. * International Filing Fee (Rule 15.2(a))</b>	<b>\$1489</b>
Amount for each additional sheet over 30	<b>\$16</b>
<b>3. International Search Fee</b>	<b>\$1600</b>

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 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.

#### **5. Late Payment Fee**

50% of the fees that are due, or,  
Minimum: Transmittal Fee  
Maximum: International Filing Fee

Preliminary Examination

#### **6. Handling Fee (Rule 57.2(a))**

#### **7. Preliminary Examination Fee (Rule 58)**

Beginning July 26, 2004, Canada will become the International Searching Authority and International Preliminary Examining Authority for international applications filed by Canadian applicants.

\* International fees will be reduced by **\$106** for all applications filed using PCT-SAFE\*\*

\*\* PCT-SAFE is replacing PCT-EASY.

### **11. TRAITÉ DE COOPÉRATION EN MATIERE DE BREVETS (PCT)**

#### **BARÈME DE TAXES À PARTIR DU 26 JUILLET 2004**

<b>1. Taxe de transmission (Règle 14)</b>	<b>300 \$</b>
<b>2.*Taxe de dépôt internationale (Règle 15.2(a))</b>	<b>1489 \$</b>
Montant pour chaque feuille au delà de 30	<b>16 \$</b>
<b>3. Taxe de recherche internationale</b>	<b>1600 \$</b>

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 du dépôt de la demande, (soit la date de réception de la demande internationale). Les taxes doivent être payées en dollars canadiens et sont payables au Receveur Général du Canada.

Si l'office récepteur constate que le déposant ne lui a payé aucune taxe, il invite le déposant à lui payer, dans un délai d'un mois à compter de la date de l'invitation, le montant nécessaire pour couvrir ces taxes, majoré, le cas échéant, de la taxe pour paiement tardif visée à la règle 16bis.2.

#### **5. Taxe pour paiement tardif**

50% du montant impayé, ou,  
Minimum : taxe de transmission  
Maximum : taxe de base

Examen préliminaire

#### **6. Taxe de traitement (Règle 57.2(a))**

#### **7. Taxe d'examen préliminaire (Règle 58)**

A partir du 26 juillet 2004, le Canada deviendra officiellement l'Autorité de Recherche Internationale et d'Examination Préliminaire International pour les demandes internationales déposées par les demandeurs canadiens.

\*Les frais seront réduits de **106 \$** pour toutes les demandes déposées en utilisant PCT-SAFE\*\*

\*\* PCT-SAFE remplacera PCT-EASY.

## Avis

### 12. PCT notices

#### PCT Signature Requirements

Please note that in conformity with the PCT requirements, the European Patent Office (EPO) requires that the signature identifies a physical person (whose name should be typewritten below the signature); where the person signs on behalf of a legal entity, the capacity should also be indicated (typewritten).

(See PCT -Applicant's Guide, <http://www.wipo.int>)

#### 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" at [publications.mail@wipo.int](mailto:publications.mail@wipo.int) or visit their Web site at <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, Quebec; 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

### 12. Avis PCT

#### Exigences des signatures du PCT

Veuillez noter que conformément aux exigences du PCT, l'Office européen des brevets (OEB) réclame que la signature identifie une personne physique dont le nom dactylographié devrait apparaître au-dessous de la signature. Lorsque telle personne signe au nom d'une personne morale, il convient d'indiquer, également en caractères dactylographiques, la qualité du signataire.

(Voir le Guide du déposant du PCT, <http://www.wipo.int>)

#### 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 à [publications.mail@wipo.int](mailto:publications.mail@wipo.int) ou visiter leur site Web à <http://www.wipo.int>.

### 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

## Notices

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, Quebec.

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*.

### 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, or on which ordinary mail is not delivered in the locality in which such Office or organization is situated, the period shall expire on the next subsequent day on which neither of the two 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 coun-

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*.

### 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, ou bien un jour où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé, le délai prend fin le premier jour suivant où ces deux 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

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tries 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:

- 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:** 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

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:

- 1) All Saturdays and Sundays
- 2) \*New Year's Day (Jan. 1)
- 3) Good Friday
- 4) Easter Monday
- 5) Victoria Day - First Monday immediately preceding May 25
- 6) \*St. John the Baptist Day (June 24)
- 7) \*Canada Day (July 1)
- 8) Labour Day - First Monday in September
- 9) Thanksgiving Day - Second Monday in October
- 10) \*Remembrance Day (November 11)
- 11) \*Christmas Day (December 25)
- 12) 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.

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 :

- 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 :** 1er lundi d'août (congé statuaire)
- 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

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 :

- 1) Tous les samedi et dimanche
- 2) \*Jour de l'An (1er janvier)
- 3) Vendredi Saint
- 4) Lundi de Pâques
- 5) Fête de Victoria - premier lundi précédent immédiatement le 25 mai
- 6) \*Saint-Jean-Baptiste (le 24 juin)
- 7) \*Fête du Canada (1er juillet)
- 8) Fête du travail - premier lundi de septembre
- 9) Jour de l'Action de grâces - deuxième lundi d'octobre
- 10) \*Jour du souvenir (11 novembre)
- 11) \*Jour de Noël (25 décembre)
- 12) 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.

## **Notices**

### **14. Erratum**

The information concerning application number 2,330,648 referred to under the section "PCT Applications Entering the National Phase" of the Canadian Patent Office Record of April 24, 2001, was incorrect. Please note that no application was open to public inspection under this number.

2,330,648

### **14. Erratum**

Les renseignements ayant trait au numéro de demande 2,330,648 apparaissant sous la section "Demandes PCT entrant en phase nationale" dans la Gazette du Bureau des brevets du 24 avril 2001 étaient erronés. Veuillez noter qu'aucune demande n'a été mise à la disponibilité du public sous ce numéro.

2,330,648

### **15. Erratum**

The information concerning application number 2,347,371 referred to under the section "PCT Applications Entering the National Phase" of the Canadian Patent Office Record of July 24, 2001, was incorrect. Please note that no application was open to public inspection under this number.

2,347,371

### **15. Erratum**

Les renseignements ayant trait au numéro de demande 2,347,371 apparaissant sous la section "Demandes PCT entrant en phase nationale" dans la Gazette du Bureau des brevets du 24 juillet 2001 étaient erronés. Veuillez noter qu'aucune demande n'a été mise à la disponibilité du public sous ce numéro.

2,347,371

### **16. Erratum**

The information concerning application number 2,395,699 referred to under the section "PCT Applications Entering the National Phase" of the Canadian Patent Office Record of December 17, 2002, was incorrect. Please note that no application was open to public inspection under this number.

2,395,699

### **16. Erratum**

Les renseignements ayant trait au numéro de demande 2,395,699 apparaissant sous la section "Demandes PCT entrant en phase nationale" dans la Gazette du Bureau des brevets du 17 décembre 2002 étaient erronés. Veuillez noter qu'aucune demande n'a été mise à la disponibilité du public sous ce numéro.

2,395,699

### **17. Erratum**

The information concerning application number 2,403,905 referred to under the section "PCT Applications Entering the National Phase" of the Canadian Patent Office Record of February 11, 2003, was incorrect. Please note that no application was open to public inspection under this number.

2,403,905

### **17. Erratum**

Les renseignements ayant trait au numéro de demande 2,403,905 apparaissant sous la section "Demandes PCT entrant en phase nationale" dans la Gazette du Bureau des brevets du 11 février 2003 étaient erronés. Veuillez noter qu'aucune demande n'a été mise à la disponibilité du public sous ce numéro.

2,403,905

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### 18. Erratum

The information concerning application number 2,428,905 referred to under the section "PCT Applications Entering the National Phase" of the Canadian Patent Office Record of August 5, 2003, was incorrect. Please note that no application was open to public inspection under this number.

2,428,905

### 18. Erratum

Les renseignements ayant trait au numéro de demande 2,428,905 apparaissant sous la section "Demandes PCT entrant en phase nationale" dans la Gazette du Bureau des brevets du 5 août 2003 étaient erronés. Veuillez noter qu'aucune demande n'a été mise à la disponibilité du public sous ce numéro.

2,428,905

### 19. Erratum

The information concerning application number 2,432,349 referred to under the section "Canadian Applications Open to Public Inspection" of the Canadian Patent Office Record of October 7, 2003, was incorrect. Please note that no application was open to public inspection under this number.

2,432,349

### 19. Erratum

Les renseignements ayant trait au numéro de demande 2,432,349 apparaissant sous la section "Demandes canadiennes mises à la disponibilité du public" dans la Gazette du Bureau des brevets du 7 octobre 2003 étaient erronés. Veuillez noter qu'aucune demande n'a été mise à la disponibilité du public sous ce numéro.

2,432,349

### 20. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of December 7, 2004 contains applications open to public inspection from November 14, 2004 to November 20, 2004

### 20. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la *Gazette du bureau des brevets* contient les demandes disponibles au public pour consultation pour la période du 14 novembre 2004 au 20 novembre 2004

# Canadian Patents Issued

December 7, 2004

## Brevets canadiens délivrés

7 décembre 2004

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[11] 1,341,467  
[13] C

[52] 195-0001.29  
[51] Int.Cl. 7C12N 15/82 7C12N 15/63  
7C12N 15/29 7C12N 5/04 7C12N 5/10  
7C12P 21/00 7C12Q 1/68 7G01N 33/53  
7C07K 1/14 7A01H 5/00 7A01H 5/10  
[25] EN  
[54] PRODUCING COMMERCIALLY  
VALUABLE POLYPEPTIDES WITH  
GENETICALLY TRANSFORMED  
ENDOSPERM TISSUE  
[54] PRODUCTION DE POLYPEPTIDES  
D'INTERET COMMERCIAL A L'AIDE  
D'ENDOSPERME GENETIQUEMENT  
MODIFIE  
[72] ROGERS, JOHN C., US  
[73] WASHINGTON UNIVERSITY, US  
[21] 606,885  
[22] 1989-07-28  
[30] US (225,800) 1988-07-29  
[30] US (07/385,866) 1989-07-27

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[11] 2,034,522  
[13] C

[51] Int.Cl. 5A61D 7/00  
[25] EN  
[54] DELIVERY SYSTEM COMPRISING  
MEANS FOR CONTROLLING  
INTERNAL PRESSURE  
[54] SYSTEME DISTRIBUTEUR DOTE  
DE MOYENS DE REGULATION DE LA  
PRESSION INTERNE  
[72] WRIGHT, JEREMY C., US  
[72] ECKENHOFF, JAMES B., US  
[72] MARUYAMA, FREDERICK H., US  
[72] PEERY, JOHN R., US  
[73] ALZA CORPORATION, US  
[22] 1991-01-18  
[30] US (469,861) 1990-01-24

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[11] 2,052,691  
[13] C

[51] Int.Cl. 5G01B 5/24  
[25] EN  
[54] METHOD OF DYNAMICALLY  
MONITORING THE ORIENTATION OF  
A CURVE DRILLING ASSEMBLY  
[54] METHODE DE GUIDAGE  
DYNAMIQUE DE L'ORIENTATION  
D'UN ASSEMBLAGE DE FORAGE EN  
COURBE  
[72] WARREN, TOMMY M., US  
[72] WINTERS, WARREN J., US  
[73] BP CORPORATION NORTH  
AMERICA INC., US  
[22] 1991-10-03  
[30] US (592,433) 1990-10-04  
[30] US (771,587) 1991-10-03

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[11] 2,070,961  
[13] C

[51] Int.Cl. 5C07D 207/452 5C07B 59/00  
5A61K 49/02 6C07K 5/06  
[25] EN  
[54] THIOL-REACTIVE MALEIMIDO-  
BASED RADIOLABELING REAGENTS  
[54] REACTIFS RADIOMARQUES A  
BASE DE MALEIMIDE, REAGISSANT  
AVEC LES THIOLS  
[72] CHOREV, MICHAEL, IL  
[73] MERCK & CO., INC., US  
[22] 1992-06-10  
[30] US (715,536) 1991-06-14  
[30] US (749,392) 1991-08-23

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[11] 2,077,876  
[13] C

[51] Int.Cl. 5A61F 13/15  
[25] EN  
[54] ABSORBENT ARTICLE HAVING  
PREFORMED COMPLIANT GASKETS  
[54] ARTICLE ABSORBANT AVEC  
GARNITURE D'ETANCHEITE  
PREFORMEE ADAPTATIVE  
[72] MENARD, MICHAEL J., US  
[72] HOLTMAN, DENNIS C., US  
[72] JACKSON, PETER W., US  
[72] JOHNS, JAMES C., US  
[73] MCNEIL-PPC, INC., US  
[22] 1992-09-09  
[30] US (766,699) 1991-09-27

---

[11] 2,080,064  
[13] C

[51] Int.Cl. 5H01H 73/18 5H01H 9/26  
5H01H 9/40  
[25] EN  
[54] RANGE OF MOLDED CASE LOW  
VOLTAGE CIRCUIT BREAKERS  
[54] RANGEE DE DISJONCTEURS  
BASSE TENSION EN BOITIER MOULE  
[72] PERRIER, PHILIPPE, FR  
[72] NEREAU, JEAN-PIERRE, FR  
[72] MOREL, ROBERT, FR  
[72] NEBON, JEAN-PIERRE, FR  
[73] MERLIN GERIN, FR  
[22] 1992-10-07  
[30] FR (9112792) 1991-10-15

---

[11] 2,081,528  
[13] C

[51] Int.Cl. 5C09K 15/00 5C08K 5/00  
[25] EN  
[54] POLYMERIZABLE SYNERGIST  
AND ANTIDEGRADANT  
[54] SYNERGISTE POLYMERISABLE  
ET NE SE DEGRADANT PAS  
[72] PARKER, DANE KENTON, US  
[72] SCHULZ, GERALD OWEN, US  
[73] THE GOODYEAR TIRE & RUBBER  
COMPANY, US  
[22] 1992-10-27  
[30] US (946,722) 1992-09-18

**Canadian Patents Issued  
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---

[11] **2,090,935**  
[13] C

[51] Int.Cl. 5C07C 43/12 5C07C 41/24  
[25] EN  
[54] PREPARATION OF ISOFLURANE  
[54] PREPARATION D'ISOFLURANE  
[72] ROZOV, LEONID A., US  
[72] QUIROZ, FERNANDO, US  
[72] VERNICE, GERALD G., US  
[73] BAXTER INTERNATIONAL INC., US  
[22] 1993-03-03

---

[11] **2,097,242**  
[13] C

[51] Int.Cl. 5A01G 23/04  
[25] EN  
[54] TREE MOVER  
[54] MACHINE POUR TRANSPLANTER  
LES ARBRES  
[72] ILCHUK, JOHN, CA  
[73] ILCHUK, JOHN, CA  
[22] 1993-05-28  
[30] US (08/060,061) 1993-05-13

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[11] **2,102,602**  
[13] C

[51] Int.Cl. 5A23L 1/216 5B26D 7/06  
5B26D 3/11  
[25] EN  
[54] HELICAL SPIRAL FOOD  
PRODUCT AND APPARATUS FOR  
MAKING THE SAME  
[54] ALIMENT EN SPIRALE  
HELICOÏDALE ET APPAREIL DE  
FABRICATION  
[72] MENDENHALL, GEORGE A., US  
[73] LAMB-WESTON, INC., US  
[85] 1993-11-05  
[86] 1992-04-24 (PCT/US1992/003484)  
[87] (WO1992/019427)  
[30] US (07/696,180) 1991-05-06

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[11] **2,104,092**  
[13] C

[51] Int.Cl. 5H04B 1/38 5H04B 1/68  
[25] EN  
[54] WIRELESS DEVICE FOR  
VERIFYING IDENTIFICATION  
[54] DISPOSITIF SANS FIL DE  
VERIFICATION D'IDENTIFICATION  
[72] SERVI, LESLIE D., US  
[73] VERIZON LABORATORIES INC., US  
[22] 1993-08-13  
[30] US (7/932133) 1992-08-19

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[11] **2,105,251**  
[13] C

[51] Int.Cl. 5C07H 19/01 5C07H 23/00  
[25] EN  
[54] NOVEL PROCESSES FOR THE  
PRODUCTION OF 13-ETHER  
DERIVATIVES OF MILBEMYCINS,  
AND NOVEL INTERMEDIATES  
THEREFOR  
[54] METHODES DE PREPARATION  
DE DERIVES DE MILBEMYCINES  
ETHERIFIES EN 13; NOUVEAUX  
PRODUITS INTERMEDIAIRES  
UTILISES A CETTE FIN  
[72] SHIBANO, MITSUGI, JP  
[72] SUZUKI, MUTSUO, JP  
[72] KOJIMA, SHUNSHI, JP  
[73] SANKYO AGRO COMPANY  
LIMITED, JP  
[73] SANKYO LIFETECH COMPANY  
LIMITED, JP  
[22] 1993-08-31  
[30] JP (4-233444) 1992-09-01  
[30] JP (4-263660) 1992-10-01  
[30] JP (4-322847) 1992-12-02

---

[11] **2,107,426**  
[13] C

[51] Int.Cl. 5E04G 17/00 5E04G 11/06  
5E04B 1/16 5E04B 2/84  
[25] EN  
[54] HEAT INSULATING SUPPORT  
TOOL FOR CONCRETE WALL AND  
CONCRETE WALL STRUCTURE  
USING SAME  
[54] SUPPORT AGISSANT COMME  
ISOLANT THERMIQUE POUR UN MUR  
DE BETON, ET MUR DE BETON  
UTILISANT UN TEL SUPPORT  
[72] FUNAKI, MOTOKATSU, JP  
[72] YAMASAKA, NOBORU, JP  
[72] FUNAKI, CHIKARA, JP  
[72] WATANABE, SATORU, JP  
[73] GANTAN BEAUTY INDUSTRY CO.,  
LTD., JP  
[22] 1993-09-30  
[30] JP (4-262253) 1992-09-30  
[30] JP (4-344591) 1992-12-24

---

[11] **2,107,516**  
[13] C

[51] Int.Cl. 5A61K 47/34 5A61K 9/14  
5A61K 47/22 6A61K 38/57  
[25] EN  
[54] ANTITHROMBIN III  
PREPARATION  
[54] PREPARATION  
D'ANTITHROMBINE III  
[72] AOYAMA, TOSHINOBU, JP  
[72] HIRAHARA, KEIZO, JP  
[73] HOECHST JAPAN LIMITED, JP  
[22] 1993-10-01  
[30] JP (264 364/92) 1992-10-02

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[11] **2,107,640**  
[13] C

[51] Int.Cl. 5C09D 11/02  
[25] EN  
[54] NON AQUEOUS FLUORESCENT  
DISPERSION INK WITH IMPROVED  
SHELF LIFE, TACK AND FLOW  
[54] ENCRE FLUORESCENTE NON  
AQUEUSE AYANT UNE DUREE DE VIE  
EN POT, UN POUVOIR  
D'ACCROCHAGE ET UNE FLUIDITE  
ACCRUS  
[72] AUSLANDER, JUDITH D., US  
[73] PITNEY BOWES INC., US  
[22] 1993-10-04  
[30] US (956,202) 1992-10-05

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[11] **2,107,641**  
[13] C

[51] Int.Cl. 5C09D 11/02  
[25] EN  
[54] NON AQUEOUS DISPERSION INK  
WITH IMPROVED SHELF LIFE, TACK  
AND FLOW  
[54] ENCRE FLUORESCENTE NON  
AQUEUSE AYANT UNE DUREE DE VIE  
EN POT, UN POUVOIR  
D'ACCROCHAGE ET UNE FLUIDITE  
ACCRUS  
[72] AUSLANDER, JUDITH D., US  
[72] HOCHWALT, NORMAN C., US  
[73] PITNEY BOWES INC., US  
[22] 1993-10-04  
[30] US (956,209) 1992-10-05

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Brevets canadiens délivrés  
7 décembre 2004

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[11] 2,107,724  
[13] C

[51] Int.Cl. 5G11B 7/24 5C08F 232/04  
[25] EN  
[54] SUBSTRATE COMPOSED OF AT LEAST ONE CYCLOOLEFIN COPOLYMER FOR RECORDING MEDIA AND PROCESS FOR PRODUCING IT  
[54] SUBSTRAT CONSTITUE D'UN COPOLYMORE D'AU MOINS UNE CYCLOOLEFINE POUR MILIEUX D'ENREGISTREMENT; METHODE DE PREPARATION  
[72] BREKNER, MICHAEL-JOACHIM, DE  
[72] WELLER, THOMAS, DE  
[73] TICONA GMBH, DE  
[22] 1993-10-05  
[30] DE (P 42 33 851.4) 1992-10-08

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[11] 2,107,941  
[13] C

[51] Int.Cl. 5H01M 8/02  
[25] EN  
[54] COMPONENT FOR INSTALLATION IN A PROCESS CONTROL APPARATUS  
[54] ELEMENT D'APPAREIL DE REGULATION DE PROCÉDES  
[72] STRASSER, KARL, DE  
[72] SAHLER, RAINER, DE  
[72] MATTEJAT, ARNO, DE  
[73] SIEMENS AKTIENGESELLSCHAFT, DE  
[22] 1993-10-07  
[30] DE (P 42 34 093.4) 1992-10-09

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[11] 2,108,817  
[13] C

[51] Int.Cl. 5C07D 413/10 5C07D 401/10 5C07D 417/10 5C07D 413/14 5A23K 1/16 5A61K 31/42 5A61K 31/445 5A61K 31/535 5A61K 31/55  
[25] EN  
[54] ARYLIDENE-1-AZACYCLOALKANES AND ARYLAALKYL-1-AZACYCLOALKANES, THEIR SALTS, MEDICAMENTS CONTAINING THESE COMPOUNDS AND THEIR USE, AND PROCESSES FOR THEIR PREPARATION  
[54] ARYLIDENE-1-AZACYCLOALCANES ET ARYLAALKYL-1-AZACYCLOALCANES, LEURS SELS, MEDICAMENTS QUI CONTIENNENT DE CES COMPOSÉS ET LEUR UTILISATION, ET PROCEDES POUR LEUR OBTENTION

[72] MAIER, ROLAND, DE  
[72] MULLER, PETER, DE  
[72] WOITUN, EBERHARD, DE  
[72] HURNAUS, RUDOLF, DE  
[72] MARK, MICHAEL, DE  
[72] EISELE, BERNHARD, DE  
[72] BUDZINSKI, RALPH-MICHAEL, DE  
[72] HALLERMAYER, GERHARD, DE  
[73] DR. KARL THOMAE GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE  
[22] 1993-10-20  
[30] DE (P 42 35 590.7) 1992-10-22  
[30] DE (P 43 03 840.9) 1993-02-10

---

[11] 2,108,865  
[13] C

[51] Int.Cl. 5E21B 19/00  
[25] EN  
[54] DEVICE FOR POSITIONING EQUIPMENT  
[54] DISPOSITIF DE POSITIONNEMENT D'EQUIPEMENT  
[72] SCHULZE-BECKINGHAUSEN, JOERG ERICH, DE  
[73] WEATHERFORD/LAMB, INC., US  
[22] 1993-10-20  
[30] EP (92 117 969.3) 1992-10-21

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[11] 2,112,331  
[13] C

[51] Int.Cl. 5C07D 277/32 5C07D 257/04 5C07D 401/12 5C07D 417/12 5A61K 31/425 5A61K 31/44  
[25] EN  
[54] NOVEL NAPHTHALENE DERIVATIVES  
[54] DERIVES DU NAPHTALINE  
[72] UENO, HIROAKI, US  
[72] OE, TAKAYUKI, JP  
[72] SUEHIRO, ICHIRO, JP  
[72] NAKAMURA, FUMIKO, JP  
[73] MITSUBISHI CHEMICAL CORPORATION, JP  
[22] 1993-12-23  
[30] JP (349172/1992) 1992-12-28

---

[11] 2,114,303  
[13] C

[51] Int.Cl. 5D01D 5/08 5D01D 7/00 5E02B 15/10 5B01J 20/28  
[25] EN  
[54] METHOD OF MAKING SORBENT ARTICLES  
[54] PROCEDE DE FABRICATION D'ARTICLES SORBANTS  
[72] DYRUD, JAMES F., US  
[72] INSLEY, THOMAS I., US  
[72] MEYER, DANIEL E., US  
[72] TAMAKI, CYNTHIA Y., US  
[72] YOUNG, DONALD E., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[22] 1994-01-26  
[30] US (08/011,403) 1993-01-28  
[30] US (08/179,204) 1994-01-14

---

[11] 2,114,769  
[13] C

[51] Int.Cl. 5F27D 3/06 5F27B 1/20  
[25] EN  
[54] CHARGING DEVICE WITH MEMBER FOR REGULATING THE FLOW RATE  
[54] DISPOSITIF DE CHARGE AVEC FONCTION DE REGULATION  
[72] LONARDI, EMILE, LU  
[72] BERNARD, GILBERT, LU  
[72] CIMENTI, GIOVANNI, LU  
[72] VENTURINI, JEAN-JACQUES, LU  
[73] PAUL WURTH S.A., LU  
[22] 1994-02-02  
[30] LU (LU 88 231) 1993-03-04

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**[11] 2,115,294**  
 [13] C

[51] Int.Cl. 5B01D 46/24  
 [25] EN  
**STAGGERED SHORT PLEAT AIR FILTER**  
 [54] FILTRE A AIR A ELEMENT FILTRANT PRESENTANT EN ALTERNANCE DES PLIS DE DEUX LARGEURS DIFFERENTES  
 [72] ADAMS, MICHAEL D., US  
 [73] DANA CORPORATION, US  
 [22] 1994-02-09  
 [30] US (056,117) 1993-04-30

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**[11] 2,116,297**  
 [13] C

[51] Int.Cl. 5F25J 3/04  
 [25] FR  
**PROCEDE ET INSTALLATION DE PRODUCTION D'OXYGENE SOUS PRESSION**  
 [54] PROCESS AND FACILITY FOR PRODUCING PRESSURIZED OXYGENE  
 [72] RIETH, NORBERT, FR  
 [73] L'AIR LIQUIDE SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE PO UR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR  
 [22] 1994-02-23  
 [30] FR (93.02137) 1993-02-25

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**[11] 2,117,587**  
 [13] C

[51] Int.Cl. 5G10K 11/16 5H04B 1/40  
 [25] EN  
**SYSTEM FOR ADAPTIVELY REDUCING NOISE IN SPEECH SIGNALS**  
 [54] SYSTEME DE REDUCTION ADAPTATIVE DU BRUIT DANS LES SIGNAUX VOCAUX  
 [72] SOLVE, TORBJORN W., US  
 [72] ZAK, ROBERT A., US  
 [73] ERICSSON INC., US  
 [22] 1994-08-30  
 [30] US (08/128,639) 1993-09-29

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**[11] 2,117,957**  
 [13] C

[51] Int.Cl. 5C10M 169/04 5C10M 105/32  
 [25] EN  
**POUR POINT DEPRESSANTS FOR INDUSTRIAL LUBRICANTS CONTAINING MIXTURES OF FATTY ACID ESTERS AND VEGETABLE OILS**  
 [54] ADDITIFS ABAISSANT LE POINT D'ECOULEMENT POUR LES LUBRIFIANTS INDUSTRIELS RENFERMANT DES MELANGES D'ESTERS D'ACIDES GRAS ET D'HUILES VEGETALES  
 [72] LAL, KASTURI, US  
 [73] THE LUBRIZOL CORPORATION, US  
 [22] 1994-10-12  
 [30] US (137,445) 1993-10-15

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**[11] 2,118,605**  
 [13] C

[51] Int.Cl. 5B60G 17/015 5B60G 17/052  
 [25] EN  
**VEHICLE SUSPENSION SYSTEM**  
 [54] SYSTEME DE SUSPENSION POUR VEHICULE  
 [72] SMITH, WILFRED WARD, GB  
 [73] BTR INDUSTRIES LIMITED, GB  
 [85] 1994-03-08  
 [86] 1992-09-14 (PCT/GB1992/001687)  
 [87] (WO1993/005970)  
 [30] GB (9119534.7) 1991-09-13

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**[11] 2,120,948**  
 [13] C

[51] Int.Cl. 5G01N 21/91 5G01N 21/88  
 [25] EN  
**AN INSPECTION DEVICE FOR DETECTING SURFACE FAULTS, AND AN INSTRUMENT INCORPORATING SUCH A DEVICE**  
 [54] DISPOSITIF SERVANT A DETECTER LES DEFAUTS DE SURFACE, ET INSTRUMENT MUNI D'UN TEL DISPOSITIF  
 [72] JONSSON, IVAR, SE  
 [73] IP-TEC AB, SE  
 [85] 1994-04-08  
 [86] 1992-10-12 (PCT/SE1992/000716)  
 [87] (WO1993/007475)  
 [30] SE (9102939-7) 1991-10-10

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**[11] 2,124,975**  
 [13] C

[51] Int.Cl. 5H01T 1/14  
 [25] EN  
**A GAS-TUBE ARRESTER**  
 [54] LIMITEUR DE SURTENSION A TUBE A GAZ  
 [72] KASAHIARA, MASATAKA, JP  
 [73] SHINKO ELECTRIC INDUSTRIES CO., LTD., JP  
 [22] 1994-06-02  
 [30] JP (5-133203) 1993-06-03

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**[11] 2,127,374**  
 [13] C

[51] Int.Cl. 5C07D 471/04 5A61K 31/435  
 [25] FR  
**NOUVEAU DERIVE DE L'ISOINDOLINONE, SA PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LE CONTIENNENT**  
 [54] NOVEL DERIVATIVE OF ISOINDOLINONE, ITS PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING IT  
 [72] BARREAU, MICHEL, FR  
 [72] CHEVE, MICHEL, FR  
 [72] DUBROEUCQ, MARIE-CHRISTINE, FR  
 [72] DUTRUC-ROSSET, GILLES, FR  
 [72] MANFRE, FRANCO, FR  
 [73] AVENTIS PHARMA S.A., FR  
 [85] 1994-07-04  
 [86] 1993-02-04 (PCT/FR1993/000113)  
 [87] (WO1993/016074)  
 [30] FR (92 01382) 1992-02-07

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**[11] 2,127,732**  
 [13] C

[51] Int.Cl. 5C07C 19/08 5C07C 17/08  
 [25] EN  
**PROCESS FOR THE ADDITION OF HF TO HALOGENATED ALKENES**  
 [54] PROCEDE POUR L'AJOUT DE HF A DES ALKENES HALOGENES  
 [72] FRANZ, RAIMUND, DE  
 [72] SIEGEMUND, GUNTER, DE  
 [73] SOLVAY (SOCIETE ANONYME), BE  
 [22] 1994-07-11  
 [30] DE (P 43 23 264.7) 1993-07-12  
 [30] DE (P 43 39 539.2) 1993-11-19

Brevets canadiens délivrés  
7 décembre 2004

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[11] 2,128,761  
[13] C

[51] Int.Cl. 5E21B 36/04 5F22B 1/30  
5H05B 3/60  
[25] EN  
[54] DOWNHOLE RADIAL FLOW  
STEAM GENERATOR FOR OIL WELLS  
[54] GENERATEUR DE VAPEUR A  
ECOULEMENT RADIAL UTILISE AU  
FOND DE PUITS DE PETROLE  
[72] DEANS, HARRY A., US  
[73] MESHEKOW OIL RECOVERY  
CORP., US  
[22] 1994-07-25  
[30] US (08/096,377) 1993-07-26

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[11] 2,132,401  
[13] C

[51] Int.Cl. 5B29C 45/73  
[25] EN  
[54] ELECTRICAL HEATER FOR  
MOLD OF INJECTION-MOLDING  
MACHINE  
[54] DISPOSITIF DE CHAUFFAGE  
ELECTRIQUE POUR MOULE DE  
PRESSE A INJECTION  
[72] SCHWARZKOPF, EUGEN, DE  
[73] HOTSET HEIZPATRONEN U.  
ZUBEHOR GMBH, DE  
[22] 1994-09-19  
[30] DE (P 44 11 887.2) 1994-04-07  
[30] DE (P 44 18 828.5) 1994-05-30

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[11] 2,133,465  
[13] C

[51] Int.Cl. 5B62D 25/20 5B62D 33/02  
[25] EN  
[54] TRUCK BED AND METHOD OF  
MANUFACTURE  
[54] BAC DE PLANCHER ET  
METHODE DE FABRICATION  
[72] WALWORTH, TOM M., JR., US  
[72] JURICA, JOSEPH J., US  
[72] WEILEMANN, DONALD E., US  
[72] TURNER, JOSEPH, US  
[73] PULLMAN INDUSTRIES, INC., US  
[85] 1994-09-30  
[86] 1993-02-18 (PCT/US1993/001888)  
[87] (WO1993/019972)  
[30] US (864,741) 1992-04-07

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[11] 2,134,608  
[13] C

[51] Int.Cl. 5C07D 491/048 5C07F 7/10  
5A61K 31/395 5A61K 31/695  
[25] EN  
[54] INDOLE DERIVATIVES, SALTS  
THEREOF, AND HEART AFFECTION  
THERAPEUTIC AGENT COMPRISING  
THE SAME  
[54] DERIVES DE L'INDOLE ET SES  
SELS, ET AGENT DE TRAITEMENT  
DES AFFECTIONS CARDIAQUES QUI  
EN CONTIENT  
[72] YAMAGUCHI, TAKASHI, JP  
[72] KYOTANI, YOSHINORI, JP  
[72] KAWAMINE, KATSUMI, JP  
[72] TOMA, TSUTOMU, JP  
[72] OHGIYA, TADAOKI, JP  
[72] ONOGI, KAZUHIRO, JP  
[72] SATO, SEIICHI, JP  
[72] SHIMIZU, NOBORU, JP  
[72] SHIGYO, HIROMICHI, JP  
[72] OHTA, TOMIO, JP  
[72] ODA, TOSHIAKI, JP  
[72] OKUNO, YUKIHIRO, JP  
[72] SHIBUYA, KIMIYUKI, JP  
[72] TAKAHASHI, YOSHIO, JP  
[72] FUJII, MIKIO, JP  
[72] UCHIDA, YASUMI, JP  
[73] KOWA CO., LTD., JP  
[22] 1994-10-28  
[30] JP (271770/1993) 1993-10-29

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[11] 2,136,326  
[13] C

[51] Int.Cl. 5A63B 69/00  
[25] EN  
[54] IMPROVED BATTING PRACTICE  
DEVICE USING EXTENSIBLE  
MEMBER  
[54] DISPOSITIF D'ENTRAINEMENT  
AU BATON AMELIORE UTILISANT UN  
ELEMENT EXTENSIBLE  
[72] CIPRIANO, RONALD J., US  
[73] CIPRIANO, RONALD J., US  
[85] 1994-11-21  
[86] 1994-03-21 (PCT/US1994/003088)  
[87] (WO1994/021337)  
[30] US (08/034,482) 1993-03-19

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[11] 2,139,551  
[13] C

[51] Int.Cl. 6C30B 31/00 6H01L 21/18  
6H01L 21/20 6C30B 29/40  
[25] EN  
[54] PROCESS FOR CRYSTAL  
GROWTH OF III-V GROUP  
COMPOUND SEMICONDUCTOR  
[54] METHODE DE CROISSANCE  
CRISTALLINE POUR COMPOSES  
SEMICONDUCTEURS DES GROUPES  
III-V  
[72] MATSUDA, YOSHINOBU, JP  
[72] HATA, MASAHICO, JP  
[72] FUKUHARA, NOBORU, JP  
[72] ISHIHARA, TOSHIO, JP  
[73] SUMITOMO CHEMICAL COMPANY,  
LIMITED, JP  
[22] 1995-01-04  
[30] JP (06-000461) 1994-01-07

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[11] 2,140,886  
[13] C

[51] Int.Cl. 6B42D 15/00  
[25] EN  
[54] VARIABLE DATA CLEAR MARK  
IMAGING  
[54] PRODUCTION D'IMAGES DE  
MARQUES INVISIBLES  
[72] CHRISTY, ORRIN D., US  
[72] PICKETT, JOHN E., US  
[72] SWANSON, LEO, US  
[72] MATHEIS, MARK A., US  
[72] COUSOULIS, MARC, US  
[73] MOORE WALLACE NORTH  
AMERICA, INC., US  
[85] 1995-01-23  
[86] 1994-06-06 (PCT/US1994/006342)  
[87] (WO1994/029121)  
[30] US (074,670) 1993-06-10

**Canadian Patents Issued  
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[11] **2,142,336**  
[13] C

[51] Int.Cl. 6B01J 29/70 6C01B 39/00  
[25] EN  
[54] STRUCTURE MATERIAL OF THE ZEOLITE TYPE WITH ULTRALARGE PORES AND A LATTICE COMPRISING OF SILICONE AND TITANIUM OXIDES, ITS SYNTHESIS AND UTILIZATION FOR THE SELECTIVE OXIDATION OF ORGANIC PRODUCTS [54] ATIÈRE DE TYPE ZÉOLITE, AVEC DE TRES GRANDS PORES ET UN RESEAU CONSTITUÉ DE SILICONE ET D'OXYDES DE TITANE; SA PRÉPARATION PAR SYNTHÈSE ET SON UTILISATION POUR L'OXYDATION SELECTIVE DE PRODUITS ORGANIQUES  
[72] CORMA CANOS, AVELINO, ES  
[72] NAVARRO VILLALBA, MARIA TERESA, ES  
[72] PEREZ PARIENTE, JOAQUIN, ES  
[73] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS, ES  
[73] UNIVERSIDAD POLITÉCNICA DE VALENCIA, ES  
[85] 1995-02-14  
[86] 1994-06-10 (PCT/ES1994/000059)  
[87] (WO1994/029022)  
[30] ES (P 9301327) 1993-06-15

[11] **2,144,987**  
[13] C

[51] Int.Cl. 6B30B 9/18 6B65G 33/22  
[25] EN  
[54] COMPACTION METHODS AND APPARATUS  
[54] MÉTHODES DE COMPACTAGE ET APPAREIL UTILISÉ POUR CE FAIRE  
[72] HAMILTON, ROBIN, GB  
[73] HAMILTON, ROBIN, GB  
[85] 1995-03-17  
[86] 1993-09-23 (PCT/GB1993/001995)  
[87] (WO1994/007688)  
[30] GB (9220382.7) 1992-09-26  
[30] GB (9306462.4) 1993-03-29

[11] **2,146,143**  
[13] C

[51] Int.Cl. 6D21H 27/10 6D21H 19/14  
6D21H 21/36 6B65D 65/38 6D21H 21/54  
[25] EN  
[54] PACKAGING MATERIALS  
[54] MATERIAUX D'EMBALLAGE  
[72] ELMES, ALFRED ROY, GB  
[72] JONES, KEITH, GB  
[72] KHOSHDEL, EZAT, GB  
[72] HALL, CLAIRE, GB  
[73] UNILEVER PLC, GB  
[85] 1995-03-31  
[86] 1993-10-15 (PCT/GB1993/002135)  
[87] (WO1994/009209)  
[30] GB (9221751.2) 1992-10-16

[11] **2,146,718**  
[13] C

[51] Int.Cl. 6G06M 7/04  
[25] FR  
[54] DISPOSITIF DE COMPTAGE DE PRODUITS  
[54] PRODUCT COUNTING DEVICE  
[72] BITTAR, BACHAR, FR  
[72] PERDOUX, DOMINIQUE, FR  
[73] DATACARD CORPORATION, US  
[22] 1995-04-10  
[30] FR (94 04 213) 1994-04-11

[11] **2,147,013**  
[13] C

[51] Int.Cl. 6H04N 5/60  
[25] EN  
[54] MUTING APPARATUS FOR A COMPRESSED AUDIO/VIDEO SIGNAL RECEIVER  
[54] DISPOSITIF DE BLOCAGE POUR RECEPTEUR DE SIGNAUX AUDIO ET VIDEO COMPRIMÉS  
[72] LANKFORD, DOUGLAS EDWARD, US  
[73] THOMSON CONSUMER ELECTRONICS, INC., US  
[22] 1995-04-13  
[30] US (245,113) 1994-05-17

[11] **2,147,755**  
[13] C

[51] Int.Cl. 6C07D 519/00 6C07D 513/04  
6C07F 7/10 6C07F 7/22 6A61K 31/43  
6A61K 31/54 6C07F 9/6561 6A61K 31/675  
6A61K 31/695 6C07D 233/90  
[25] EN  
[54] 6-(SUBSTITUTED METHYLENE) PENEMS AND INTERMEDIATES  
[54] 6-(GROUPE DE SUBSTITUTION DU METHYLENE) PENEMES ET PRODUITS INTERMEDIAIRES  
[72] BROOM, NIGEL JOHN PERRYMAN, GB  
[72] HARRINGTON, FRANK PETER, GB  
[73] SMITHKLINE BEECHAM P.L.C., GB  
[85] 1995-04-24  
[86] 1993-10-20 (PCT/EP1993/002894)  
[87] (WO1994/010178)  
[30] GB (9222700.8) 1992-10-29

[11] **2,148,035**  
[13] C

[51] Int.Cl. 6A21C 11/00 6A22C 7/00  
[25] EN  
[54] FOOD LOAF SHAPING AND TEXTURIZING RACK  
[54] SUPPORT DE FACONNAGE ET DE TEXTURISATION D'ALIMENTS EN PAIN  
[72] HANDEL, GARY ALAN, US  
[72] JONOVIC, JOHN ANTHONY, US  
[72] KRUEGER, OTTO LOUIE, US  
[73] KRAFT FOODS, INC., US  
[22] 1995-04-27  
[30] US (249,563) 1994-05-26

[11] **2,148,340**  
[13] C

[51] Int.Cl. 6H04B 17/00  
[25] EN  
[54] METHOD AND APPARATUS FOR AUTOMATICALLY AND REPRODUCIBLY RATING THE TRANSMISSION QUALITY OF A SPEECH TRANSMISSION SYSTEM  
[54] MÉTHODE ET APPAREIL POUR EVALUER AUTOMATIQUEMENT DE FACON REPRODUCTIBLE LA QUALITÉ DES TRANSMISSIONS D'UN SYSTÈME DE TRANSMISSION DE PAROLES  
[72] DI PIETRO, GIANNI, CH  
[72] ZGLINKSI, ZIEMOWIT, CH  
[73] ASCOM AG, CH  
[22] 1995-05-01

Brevets canadiens délivrés  
7 décembre 2004

[11] 2,149,106  
[13] C

[51] Int.Cl. 6B23C 3/05  
[25] EN  
[54] APPARATUS AND METHOD OF MACHINING SEATS OF GATE VALVES  
[54] APPAREIL ET METHODE SERVANT A USINER LE SIEGE DE ROBINETS-VANNES  
[72] KWECH, HORST, US  
[73] WESTINGHOUSE ELECTRIC CORPORATION, US  
[22] 1995-05-10  
[30] US (08/241,190) 1994-05-11

[11] 2,149,656  
[13] C

[51] Int.Cl. 6C08L 25/06 6C08L 9/00  
[25] EN  
[54] RESIN WITH IMPROVED THERMOFORMING AND ENVIRONMENTAL STRESS CRACK RESISTANCE CHARACTERISTICS  
[54] RESINE DOTEE DE PROPRIETES AMELIOREES DE THERMOFORMAGE ET DE RESISTANCE A LA FISSURATION SOUS CONTRAINTE  
[72] DEMIORS, MEHMET, NL  
[72] BRANDS, GERRIT J. B., NL  
[72] D'HOOGHE, EDWARD L. J., NL  
[72] VAN NUFFEL, CLAUDE, BE  
[73] DOW GLOBAL TECHNOLOGIES INC., US  
[85] 1995-05-17  
[86] 1993-10-27 (PCT/US1993/010326)  
[87] (WO1994/012551)  
[30] US (07/979,734) 1992-11-20

[11] 2,150,123  
[13] C

[51] Int.Cl. 6C07D 417/12 6C07D 453/02  
6C07D 471/08 6C07D 401/12 6C07D 409/12 6C07D 413/12 6C07D 261/20 6A61K 31/445 6A61K 31/505 6C07D 263/56 6C07D 277/64  
[25] EN  
[54] AMINOMETHYLENE SUBSTITUTED NON-AROMATIC HETEROCYCLES  
[54] DERIVES DE SUBSTITUTION AMINOMETHYLENE D'HETEROCYCLES NON AROMATIQUES  
[72] HOWARD, HARRY R., US  
[72] O'NEILL, BRIAN T., US  
[73] PFIZER INC., US  
[85] 1995-05-24  
[86] 1993-10-07 (PCT/US1993/009407)  
[87] (WO1994/013663)  
[30] US (07/988,653) 1992-12-10

[11] 2,152,012  
[13] C

[51] Int.Cl. 6B67D 5/06 6B67D 5/62  
[25] EN  
[54] METHOD OF CONVERTING AN INVERTED BOTTLE WATER DISPENSING SYSTEM FOR USE WITH AN AUTOMATIC BOTTLE REFILL SYSTEM  
[54] METHODE DE CONVERSION D'UN SYSTEME DE DISTRIBUTION D'EAU A BOUTEILLE EN POSITION INVERSE POUR UTILISATION AVEC UN SYSTEME AUTOMATIQUE DE REMPLISSAGE DE BOUTEILLES  
[72] HINCH, NOWELL, CA  
[73] HINCH, NOWELL, CA  
[73] EAUCOOL CANADA INC., CA  
[22] 1995-06-16

[11] 2,154,668  
[13] C

[51] Int.Cl. 6C07D 513/04 6C07D 487/04  
6C07D 517/04 6A61K 31/505 6A61K 31/535 6A61K 31/54  
[25] EN  
[54] CONDENSED HETEROCYCLIC GLUTAMIC ACID DERIVATIVES AS ANTIPIROLIFERATIVE AGENTS  
[54] DERIVES D'ACIDE GLUTAMIQUE HETEROCYCLIQUE DE CONDENSATION, AGENTS ANTIPIROLIFERATIFS  
[72] VARNEY, MICHAEL D., US  
[72] PALMER, CYNTHIA L., US  
[72] ROMINES, WILLIAM H., US  
[73] AGOURON PHARMACEUTICALS, INC., US  
[85] 1995-07-25  
[86] 1994-01-18 (PCT/US1994/000418)  
[87] (WO1994/017076)  
[30] US (08/010,861) 1993-01-29

[11] 2,156,734  
[13] C

[51] Int.Cl. 6C07D 205/08 6C07C 407/00  
6C07J 71/00 6C07C 47/02 6C07D 301/02  
6C07D 513/04 6C07C 46/06 6C07F 7/10  
6C07D 403/12 6C07C 35/28 6C07C 45/40  
6C07D 213/48  
[25] EN  
[54] OZONIDE REDUCING AGENT  
[54] AGENT REDUCTEUR D'OXONIDE  
[72] SASAOKA, MICHIO, JP  
[72] SUZUKI, DAISUKE, JP  
[72] SHIROI, TAKASHI, JP  
[73] OTSUKA KAGAKU KABUSHIKI KAISHA, JP  
[85] 1995-08-22  
[86] 1994-12-26 (PCT/JP1994/002224)  
[87] (WO1995/018082)  
[30] JP (338068/1993) 1993-12-28

[11] 2,157,368  
[13] C

[51] Int.Cl. 6G06K 9/64  
[25] EN  
[54] HIGH PRECISION ON-LINE DYNAMIC SIGNATURE VERIFICATION SYSTEM  
[54] SYSTEME DE VERIFICATION DYNAMIQUE DE SIGNATURES EN LIGNE DE HAUTE PRECISION  
[72] LIVSHITZ, ALEXANDER, US  
[72] SHRAIRMAN, RUTH, US  
[73] LIVSHITZ, ALEXANDER, US  
[73] SHRAIRMAN, RUTH, US  
[85] 1995-08-31  
[86] 1993-03-04 (PCT/US1993/002234)  
[87] (WO1994/020926)

[11] 2,157,587  
[13] C

[51] Int.Cl. 6H05K 1/02 6H05K 3/02  
6C25D 1/04 6H05K 3/38  
[25] EN  
[54] DRUM-SIDE TREATED METAL FOIL AND LAMINATE FOR USE IN PRINTED CIRCUIT BOARDS AND METHODS OF MANUFACTURE  
[54] PAPIER METALLIQUE ET LAMELINE POUR CARTES DE CIRCUIT IMPRIME ET LEURS METHODES DE FABRICATION  
[72] SEIP, D. ERIC, US  
[73] POLYCLAD LAMINATES, INC., US  
[85] 1995-09-15  
[86] 1994-03-02 (PCT/US1994/002309)  
[87] (WO1994/021097)  
[30] US (08/027,620) 1993-03-05  
[30] US (08/176,750) 1994-01-03

**Canadian Patents Issued**  
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[11] **2,158,834**  
[13] C

[51] Int.Cl. 6C07H 21/00 6A61K 48/00  
6A61K 31/70  
[25] EN  
[54] ANTISENSE OLIGOS WHICH INTERFERE WITH mRNA CAP ACTIVITY AND INHIBIT TRANSLATION  
[54] OLIGOS ANTISENS QUI INTERFERENT AVEC L'ACTIVITE DE COIFFE PAR LA mRNA ET EMPECHENT LA TRADUCTION  
[72] BAKER, BRENDA F., US  
[73] ISIS PHARMACEUTICALS, INC., US  
[85] 1995-09-21  
[86] 1994-03-29 (PCT/US1994/003401)  
[87] (WO1994/022488)  
[30] US (08/045,268) 1993-04-01

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[11] **2,159,372**  
[13] C

[51] Int.Cl. 6H02K 3/38  
[25] EN  
[54] STATOR BARS INTERNALLY GRADED WITH CONDUCTIVE BINDER TAPE  
[54] BARRES DE STATOR A GRADIENT ET MUNIES DE RUBAN ADHESIF CONDUCTEUR  
[72] MARKOVITZ, MARK, US  
[72] GRANT, JAMES J., US  
[72] TOMAK, WILLIAM E., US  
[73] GENERAL ELECTRIC COMPANY, US  
[22] 1995-09-28  
[30] US (08/321,959) 1994-10-12

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[11] **2,159,798**  
[13] C

[51] Int.Cl. 6F16K 11/00  
[25] EN  
[54] MECHANICAL SHIFT, PNEUMATIC ASSIST PILOT VALVE  
[54] VANNE PILOTE A VANNE AUXILIAIRE PNEUMATIQUE  
[72] KOZUMPLIK, NICHOLAS, JR., US  
[72] GARDNER, RICHARD K., US  
[73] INGERSOLL-RAND COMPANY, US  
[22] 1995-10-03  
[30] US (08/320,811) 1994-10-11

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[11] **2,160,309**  
[13] C

[51] Int.Cl. 6H05B 41/29  
[25] EN  
[54] OPERATING CIRCUIT FOR AT LEAST ONE LOW-PRESSURE DISCHARGE LAMP, ESPECIALLY FOR ONE OR MORE FLUORESCENT LAMPS, AND METHOD OF SAFE OPERATION  
[54] CIRCUIT DE FONCTIONNEMENT POUR AU MOINS UNE LAMPE A DECHARGE BASSE PRESSION, NOTAMMENT POUR UNE LAMPE FLUORESCENTE OU PLUS; METHODE DE FONCTIONNEMENT DE SECURITE  
[72] ROLL, ULRICH, DE  
[72] REISER, LUDWIG, DE  
[73] PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 1995-10-11  
[30] DE (P 44 36 463.6) 1994-10-12

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[11] **2,160,430**  
[13] C

[51] Int.Cl. 6D21C 9/00 6D21C 9/10  
[25] EN  
[54] METHOD OF TREATING CELLULOSE PULPS  
[54] METHODE POUR LE TRAITEMENT DE LA PULPE DE CELLULOSE  
[72] VUORINEN, TAPANI, FI  
[72] BUCHERT, JOHANNA, FI  
[72] TELEMAN, ANITA, FI  
[72] TENKANEN, MAIJA, FI  
[73] ANDRITZ OY, FI  
[22] 1995-10-12  
[30] FI (944808) 1994-10-13

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[11] **2,160,850**  
[13] C

[51] Int.Cl. 6G01N 3/20  
[25] EN  
[54] APPARATUS FOR TESTING LUMBER STIFFNESS  
[54] DISPOSITIF POUR CONTROLER LA RAIDEUR DU BOIS  
[72] BECHTEL, FRIEND K., US  
[72] BYERS, RONNIE KEN, US  
[72] LOGAN, JAMES D., US  
[72] ALLEN, JAMES R., US  
[72] STREVY, MICHAEL G., US  
[72] USKOSKI, DANIEL A., US  
[73] METRIGUARD, INC., US  
[22] 1995-10-18  
[30] US (08/363,660) 1994-12-22

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[11] **2,165,273**  
[13] C

[51] Int.Cl. 6C09J 123/16 6C09J 7/02  
6C09J 125/18 6C09J 123/22 6C09J 123/28  
[25] EN  
[54] ADHESIVE COMPOSITION FOR PROVIDING WATER-TIGHT JOINTS IN SINGLE-PLY ROOFING MEMBRANES  
[54] ADHESIF POUR OBTENIR DES JOINTS ETANCHES DANS DES MEMBRANES DE COUVERTURE MONOCOUCHES  
[72] BRIDDELL, BRIAN JONATHAN, US  
[72] FISHER, DENNIS KEITH, US  
[72] WOOD, JAMES FREDRICK, US  
[73] ADCO PRODUCTS, INC., US  
[22] 1995-12-14  
[30] US (08/414,381) 1995-03-31

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[11] **2,165,462**  
[13] C

[51] Int.Cl. 6B07B 1/14  
[25] EN  
[54] ROLL SCREEN WITH VARIABLE APERTURE  
[54] CRIBBLE A ROULEAUX A OUVERTURE VARIABLE  
[72] JOHANSSON, JONNY, SE  
[73] LUOSSAVAARA-KIIRUNAVAARA AB, SE  
[85] 1995-12-15  
[86] 1994-07-05 (PCT/SE1994/000667)  
[87] (WO1995/001846)  
[30] SE (9302316-6) 1993-07-05

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[11] **2,166,172**  
[13] C

[51] Int.Cl. 6H03M 1/12  
[25] EN  
[54] DELTA SIGMA ANALOG-TO-DIGITAL CONVERTER WITH TEMPORALLY INTERLEAVED ARCHITECTURE  
[54] CONVERTISSEUR ANALOGIQUE DELTA-SIGMA A ARCHITECTURE TEMPORAIREMENT ENTRELACEE  
[72] CAKE, BRIAN V., US  
[72] GOUMAZ, JEAN-FRANCOIS, CH  
[72] LECROY, WALTER O., US  
[73] LECROY CORPORATION, US  
[22] 1995-12-27  
[30] US (394,427) 1995-02-24

**Brevets canadiens délivrés**  
**7 décembre 2004**

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**[11] 2,166,302**  
 [13] C

[51] Int.Cl. 6G06F 9/44 6G06F 9/445  
 [25] EN  
 [54] SYSTEM FOR OBJECT ORIENTED DYNAMIC LINKING BASED UPON A CATALOG OF REGISTERED FUNCTION SET OR CLASS IDENTIFIERS  
 [54] SYSTEME DE LIAISON DYNAMIQUE ORIENTE OBJETS BASE SUR UN CATALOGUE D'ENSEMBLES DE FONCTIONS OU D'IDENTIFICATEURS DE CLASSE ENREGISTRES  
 [72] COWSAR, GEORGE CURTIS, US  
 [72] PLUMMER, CHRISTOPHER JORDAN, US  
 [72] QUINN, MICHAEL JOHN, US  
 [73] APPLE COMPUTER, INC., US  
 [85] 1995-12-28  
 [86] 1994-06-30 (PCT/US1994/007424)  
 [87] (WO1995/001598)  
 [30] US (08/085,187) 1993-06-30

**[11] 2,167,490**  
 [13] C

[51] Int.Cl. 6B65G 53/30  
 [25] EN  
 [54] AUTOMATIC FLUSHING APPARATUS FOR A HYDRATOR  
 [54] APPAREIL DE LAVAGE AUTOMATIQUE POUR HYDRATEUR  
 [72] SHEPARD, JAMES M., US  
 [73] GENERAL CHEMICAL CORPORATION, US  
 [85] 1996-01-17  
 [86] 1994-07-08 (PCT/US1994/007642)  
 [87] (WO1995/003240)  
 [30] US (094,259) 1993-07-19

**[11] 2,168,756**  
 [13] C

[51] Int.Cl. 6B29C 53/68 6F16L 55/165  
 6B29C 53/48  
 [25] EN  
 [54] A METHOD AND APPARATUS OF PRODUCING A TUBULAR LINING HOSE  
 [54] METHODE ET APPAREIL POUR LA FABRICATION D'UN tuyau SOUPLE AVEC DOUBLURE INTERIEURE  
 [72] BRANDENBURGER, JOACHIM, DE  
 [73] BRANDENBURGER  
 PATENTVERWERTUNGSGESELLSCHAFT DES BURGERLICHEN RECHTS, DE  
 [85] 1996-02-02  
 [86] 1994-07-29 (PCT/EP1994/002521)  
 [87] (WO1995/004646)  
 [30] DE (P 43 26 503.0) 1993-08-06  
 [30] DE (P 43 39 756.5) 1993-11-22

**[11] 2,172,405**  
 [13] C

[51] Int.Cl. 6B06B 1/06  
 [25] EN  
 [54] ELECTROMECHANICAL TRANSDUCER DEVICE  
 [54] DISPOSITIF TRANSDUCTEUR ELECTROMECANIQUE  
 [72] MANNA, RONALD R., US  
 [73] MISONIX, INC., US  
 [85] 1996-03-21  
 [86] 1994-09-22 (PCT/US1994/010710)  
 [87] (WO1995/009445)  
 [30] US (08/127,641) 1993-09-28

**[11] 2,172,412**  
 [13] C

[51] Int.Cl. 6B01D 65/02  
 [25] EN  
 [54] METHODS FOR REPROCESSING DIALYZERS  
 [54] PROCEDE DE RETRAITEMENT POUR CARTOUCHES DE DIALYSEUR  
 [72] LEVIN, NATHAN, US  
 [72] POLASCHEGG, HANS-DIETRICH, DE  
 [73] LEVIN, NATHAN, US  
 [73] POLASCHEGG, HANS-DIETRICH, DE  
 [85] 1996-03-21  
 [86] 1994-10-05 (PCT/US1994/011377)  
 [87] (WO1995/010349)  
 [30] US (08/134,098) 1993-10-08

**[11] 2,172,737**  
 [13] C

[51] Int.Cl. 6G06F 11/00  
 [25] EN  
 [54] TRACER SYSTEM FOR ANALYSING ERRORS OF RUNNING REAL TIME SYSTEMS  
 [54] SYSTEME DE RECHERCHE PERMETTANT D'EFFECTUER UNE ANALYSE DE DEFATS DE SYSTEMES EN TEMPS REEL PENDANT LEUR FONCTIONNEMENT  
 [72] KLEBER, ULRICH, DE  
 [72] NEUHOFF, JORG, DE  
 [72] KELLER, HANS-JORG, DE  
 [72] GOLLER, GERHARD, DE  
 [73] SIEMENS AKTIENGESELLSCHAFT, DE  
 [85] 1996-03-26  
 [86] 1994-09-20 (PCT/DE1994/001093)  
 [87] (WO1995/009396)  
 [30] DE (P 43 32 992.6) 1993-09-28

**[11] 2,173,474**  
 [13] C

[51] Int.Cl. 6F22B 3/00 6A61H 33/10  
 [25] EN  
 [54] STEAM GENERATOR  
 [54] GENERATEUR DE VAPEUR  
 [72] HIGASHI, KENJI, JP  
 [73] SERA CORPORATION INC., JP  
 [85] 1996-04-03  
 [86] 1995-08-07 (PCT/JP1995/001571)  
 [87] (WO1996/005468)  
 [30] JP (209203/1994) 1994-08-09

**[11] 2,174,841**  
 [13] C

[51] Int.Cl. 6B01J 19/12 6H05B 6/80  
 [25] EN  
 [54] BATCH MICROWAVE REACTOR  
 [54] REACTEUR HYPERFREQUENCES A FONCTIONNEMENT DISCONTINU  
 [72] STRAUSS, CHRISTOPHER ROY, AU  
 [72] TRAINOR, ROBERT WILLIAM, AU  
 [72] RANER, KEVIN DAVID, AU  
 [72] THORN, JOHN STANLEY, AU  
 [73] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU  
 [85] 1996-04-23  
 [86] 1994-10-27 (PCT/AU1994/000659)  
 [87] (WO1995/011750)  
 [30] AU (PM 2072) 1993-10-28

**Canadian Patents Issued  
December 7, 2004**

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**[11] 2,175,673**  
[13] C

[51] Int.Cl. 6E02D 5/80  
[25] EN  
[54] IMPROVEMENTS IN GROUND ANCHORS  
[54] AMELIORATIONS APPORTEES A DES TIRANTS D'ANCRAGE  
[72] AGG, CHARLES SIMON JAMES, GB  
[73] PLATIPUS ANCHORS LIMITED, GB  
[85] 1996-05-02  
[86] 1994-05-18 (PCT/GB1994/001066)  
[87] (WO1995/012713)  
[30] GB (9322642.1) 1993-11-03

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**[11] 2,184,915**  
[13] C

[51] Int.Cl. 6C09D 163/00 6C09J 163/00  
6C09J 5/06 6C09D 7/12  
[25] EN  
[54] SINGLE-PACKAGE, DUROPLASTIC HARDENABLE COATING COMPOUND  
[54] COMPOSITION D'ENDUCTION DUROPLASTIQUE DURCISSABLE A UN SEUL COMPOSANT  
[72] HINTERWALDNER, RUDOLF, DE  
[72] LESSER, HANS-JURGEN, DE  
[72] BOTTCHER, AXEL, DE  
[72] GRUNDKE, ULLRICH, DE  
[72] LIEBETANZ, KLAUS-PETER, DE  
[73] A. RAYMOND & CIE, FR  
[85] 1996-09-05  
[86] 1995-03-09 (PCT/EP1995/000864)  
[87] (WO1995/025147)  
[30] DE (P 44 08 865.5) 1994-03-16

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**[11] 2,187,226**  
[13] C

[51] Int.Cl. 6C09D 201/02 6C09D 167/04  
6C09D 161/20  
[25] EN  
[54] CURABLE COATING COMPOSITION  
[54] COMPOSITION DE REVETEMENT RETICULABLE  
[72] OHRBOM, WALTER H., US  
[72] BAMMEL, BRIAN D., US  
[72] MCGEE, JOHN D., US  
[72] SEAVER, TODD A., US  
[72] NOVOVCIK, GREGORY G., US  
[72] HARRIS, PAUL J., US  
[72] REHFUSS, JOHN W., US  
[73] BASF CORPORATION, US  
[22] 1996-10-04  
[30] US (08/540,277) 1995-10-06  
[30] US (08/698,522) 1995-10-06

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**[11] 2,187,416**  
[13] C

[51] Int.Cl. 6B41J 2/315  
[25] EN  
[54] PIEZOELECTRIC INK JET PRINTING SYSTEM  
[54] SYSTEME D'IMPRESSION PIEZOELECTRIQUE PAR JET D'ENCRE  
[72] LOPEZ, JUAN E., US  
[72] BRUCKERHOFF, SCOTT A., US  
[72] CAIRATTI, CLIFFORD R., US  
[73] DIAGRAPH CORPORATION, US  
[22] 1996-10-08  
[30] US (08/618,981) 1996-03-20

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**[11] 2,187,807**  
[13] C

[51] Int.Cl. 6A23L 1/24 6A23L 1/307  
[25] EN  
[54] A MAYONNAISE-LIKE PRODUCT  
[54] PRODUIT DE TYPE MAYONNAISE  
[72] TRUECK, HANS UWE, DE  
[73] SOCIETE DES PRODUITS NESTLE S.A., CH  
[22] 1996-10-11  
[30] EP (95202774.6) 1995-10-13

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**[11] 2,188,158**  
[13] C

[51] Int.Cl. 6B24B 3/60  
[25] EN  
[54] METHOD AND DEVICE FOR SHARPENING TOOLS, PARTICULARLY DENTAL HAND INSTRUMENTS  
[54] DISPOSITIF D'AFFUTAGE D'Outils, EN PARTICULIER DES INSTRUMENTS DENTAIRES A MAIN  
[72] KANGASNIEMI, PEKKA, FI  
[73] LAAKINTAMUOVI OY, FI  
[85] 1996-10-17  
[86] 1995-03-24 (PCT/FI1995/000157)  
[87] (WO1995/028254)  
[30] FI (941782) 1994-04-18

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**[11] 2,191,329**  
[13] C

[51] Int.Cl. 6G01P 13/00 6G05D 3/00  
6G12B 9/04  
[25] EN  
[54] APPARATUS FOR DETECTING RELATIVE MOVEMENT  
[54] DETECTEUR DE MOUVEMENT RELATIF  
[72] MITCHELL, DONALD K., US  
[72] THORBURN, WILLIAM G., US  
[73] MICROE SYSTEMS CORP., US  
[85] 1996-11-26  
[86] 1995-05-25 (PCT/US1995/006415)  
[87] (WO1995/033179)  
[30] US (08/250,666) 1994-05-27  
[30] US (08/394,224) 1995-02-24

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**[11] 2,191,602**  
[13] C

[51] Int.Cl. 6B29C 45/64  
[25] EN  
[54] ELECTRIC MOLD CLAMP  
[54] METHODE CONTINUE POUR MOUDRE DES SUBSTANCES PHARMACEUTIQUES  
[72] BOTT, JAMES A., US  
[72] TARR, JOHN W., US  
[73] INCOE CORPORATION, US  
[85] 1996-11-28  
[86] 1995-05-12 (PCT/US1995/006155)  
[87] (WO1995/033615)  
[30] US (254,198) 1994-06-06

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**[11] 2,193,312**  
[13] C

[51] Int.Cl. 6B64C 1/14 6B64D 43/00  
6B64D 45/00 6E05F 7/00  
[25] EN  
[54] MAIN DECK CARGO DOOR CONTROL PANEL INDICATION  
[54] INDICATION SUR LE TABLEAU DE COMMANDE DE L'ETAT DE LA PORTE DE SOUTE DU PONT PRINCIPAL  
[72] ABILD, VERNON L., US  
[72] HUARD, STEPHEN J., US  
[73] THE BOEING COMPANY, US  
[22] 1996-12-18  
[30] US (08/574,836) 1995-12-19

Brevets canadiens délivrés  
7 décembre 2004

[11] 2,193,803  
[13] C

[51] Int.Cl. 6G06F 15/18  
[25] EN  
[54] A SYSTEM AND METHOD FOR REPRESENTING AND RETRIEVING KNOWLEDGE IN AN ADAPTIVE COGNITIVE NETWORK  
[54] SYSTEME ET PROCEDE DE REPRESENTATION ET D'EXTRACTION DE CONNAISSANCES DANS UN RESEAU COGNITIF ADAPTATIF  
[72] MOLLOY, BRUCE G., US  
[73] SERVICEWARE TECHNOLOGIES, INC., US  
[85] 1996-12-23  
[86] 1995-06-21 (PCT/US1995/007897)  
[87] (WO1995/035541)  
[30] US (263,644) 1994-06-22

[11] 2,194,631  
[13] C

[51] Int.Cl. 6A61N 1/32  
[25] EN  
[54] PORTABLE DEVICE FOR TREATING INSECT BITES  
[54] DISPOSITIF PORTATIF POUR LE TRAITEMENT DES PIQURES D'INSECTES  
[72] BELLIFEMINE, FRANCESCO, IT  
[73] LA TECNICA S.R.L., IT  
[22] 1997-01-08  
[30] IT (MI96A000085) 1996-01-19

[11] 2,196,542  
[13] C

[51] Int.Cl. 6H01L 33/00  
[25] EN  
[54] MID INFRARED LIGHT EMITTING DIODE  
[54] DIODE ELECTROLUMINESCENTE A EMISSION DANS L'INFRAROUGE MOYEN  
[72] KANE, MICHAEL JOHN, GB  
[72] LEE, DAVID, GB  
[72] WIGHT, DAVID ROBERT, GB  
[72] BOUD, JOHN MICHAEL, GB  
[73] QINETIQ LIMITED, GB  
[85] 1997-01-31  
[86] 1995-07-17 (PCT/GB1995/001679)  
[87] (WO1996/004686)  
[30] GB (9415528.0) 1994-08-01

[11] 2,197,602  
[13] C

[51] Int.Cl. 6F41A 21/30 6F41J 1/12  
[25] EN  
[54] NOISE ABATEMENT SYSTEM FOR LARGE CALIBER GUN  
[54] SYSTEME DE REDUCTION DU BRUIT POUR ARME DE GROS CALIBRE  
[72] KAZYAKA, RAYMOND P., US  
[72] KAZYAKA, RAYMOND J., US  
[73] WRIGHT MALTA CORPORATION, US  
[22] 1997-02-14  
[30] US (08/603,442) 1996-02-20  
[30] US (08/741,927) 1996-10-31

[11] 2,197,750  
[13] C

[51] Int.Cl. 6B60P 7/04 6B62D 33/04  
[25] EN  
[54] TARP ENCLOSURE SYSTEM FOR FLAT BED TRUCKS AND TRAILERS  
[54] SYSTEME DE BACHE POUR CAMIONS ET REMORQUES A PLATE-FORME  
[72] DEMONTE, TIM P., CA  
[72] DEMONTE, WALTER P., CA  
[73] DEMONTE, TIM P., CA  
[73] DEMONTE, WALTER P., CA  
[22] 1997-02-17

[11] 2,200,212  
[13] C

[51] Int.Cl. 6C09D 11/02  
[25] EN  
[54] IMPROVEMENTS IN INK JET INKS  
[54] AMELIORATIONS CONCERNANT LES ENCRES DU TYPE JET D'ENCRE  
[72] ALSTON, JOHN THOMAS, AU  
[72] NICHOLLS, STEPHEN LANSELL, AU  
[73] TONEJET LIMITED, GB  
[85] 1997-03-17  
[86] 1995-09-28 (PCT/AU1995/000638)  
[87] (WO1996/010058)  
[30] AU (PM 8449) 1994-09-29

[11] \* 2,200,676  
[13] C

[51] Int.Cl. 6B66F 3/22  
[25] EN  
[54] TONGS  
[54] PINCES DE MANUTENTION  
[72] LANGFORD, DANNY F., CA  
[73] LANGFORD, DANNY F., CA  
[22] 1997-03-21

[11] 2,201,224  
[13] C

[51] Int.Cl. 6B01J 19/20 6C08F 210/02  
6B01F 7/24  
[25] EN  
[54] DUAL SHEAR MIXING ELEMENT  
[54] ELEMENT DOUBLE DE MELANGE PAR CISAILLEMENT  
[72] IATROU, JOHN, CA  
[72] KIEL, DARWIN EDWARD, CA  
[72] ZBORIL, VACLAV GEORGE, CA  
[72] BURKE, ANNETH LYNN, CA  
[72] FOY, EDWARD CHRISTOPHER, CA  
[72] KARNIK, UMESH, CA  
[73] NOVA CHEMICALS LTD., CA  
[22] 1997-03-27

[11] 2,201,476  
[13] C

[51] Int.Cl. 6H04M 3/42  
[25] EN  
[54] REGIONAL CENTREX  
[54] CENTREX REGIONAL  
[72] KARPPINEN, ILKKA, FI  
[73] NOKIA TELECOMMUNICATIONS OY, FI  
[85] 1997-04-01  
[86] 1995-10-05 (PCT/FI1995/000550)  
[87] (WO1996/011544)  
[30] FI (944665) 1994-10-05

[11] 2,201,847  
[13] C

[51] Int.Cl. 6E02B 15/06  
[25] EN  
[54] SYNTHETIC BOOMSTICK COUPLING SYSTEM  
[54] SYSTEME D'ASSEMBLAGE POUR ELEMENTS D'ESTACADE SYNTETIQUES  
[72] WORSLEY, RALPH STANLEY, CA  
[73] CANADIAN BOOMSTICK COMPANY LTD, CA  
[73] WEYERHAEUSER COMPANY LIMITED/COMPAGNIE WEYERHAEUSER LIMITEE, CA  
[22] 1997-04-04  
[30] US (08/629,653) 1996-04-09

**Canadian Patents Issued  
December 7, 2004**

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[11] **2,202,540**  
[13] C

[51] Int.Cl. 6G06F 17/30  
[25] EN  
[54] SYSTEM AND METHOD FOR SKIMMING DIGITAL AUDIO/VIDEO DATA  
[54] SYSTEME ET PROCEDE DE PARCOURS RAPIDE DE DONNEES AUDIO- ET VIDEONUMERIQUES  
[72] WACTLAR, HOWARD D., US  
[72] SMITH, MICHAEL A., US  
[72] STEVENS, SCOTT M., US  
[72] MAULDIN, MICHAEL L., US  
[72] REDDY, D. RAJ, US  
[72] CHRISTEL, MICHAEL G., US  
[73] CARNEGIE MELLON UNIVERSITY, US  
[85] 1997-04-11  
[86] 1995-10-12 (PCT/US1995/013574)  
[87] (WO1996/012240)  
[30] US (08/324,079) 1994-10-14

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[11] **2,203,216**  
[13] C

[51] Int.Cl. 6B27L 5/02 6B27D 3/00  
[25] EN  
[54] METHOD FOR CONTROLLING THE FEED OF BACKUP ROLLS IN A VENEER LATHE AND A BACKUP ROLL APPARATUS IN A VENEER LATHE  
[54] METHODE POUR CONTROLER L'AVANCEMENT DES ROULEAUX D'APPUI D'UNE DEROULEUSE ET APPAREILLAGE D'APPUI DES BILLES DE BOIS DANS UNE DEROULEUSE  
[72] NAKAYA, TAKASHI, JP  
[73] MEINAN MACHINERY WORKS, INC., JP  
[22] 1997-04-21  
[30] JP (8-100388) 1996-04-22  
[30] JP (9-93963) 1997-04-11

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[11] **2,204,557**  
[13] C

[51] Int.Cl. 6G01B 5/28 6G01B 5/20  
[25] EN  
[54] SURFACE PROFILING APPARATUS AND METHOD  
[54] PROFILOGRAPHIE ET METHODE DE MESURE DE PROFIL  
[72] TOOM, PAUL, CA  
[72] WOZNOW, LEON J., CA  
[73] TOOM, PAUL, CA  
[73] WOZNOW, LEON J., CA  
[22] 1997-05-06

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[11] **2,207,910**  
[13] C

[51] Int.Cl. 6C08F 10/02 6C08F 2/00  
[25] EN  
[54] PROCESS FOR PREPARING POLYETHYLENE  
[54] PROCEDE POUR LA PREPARATION DE POLYETHYLENE  
[72] SAHILA, AIMO, FI  
[72] AHVENAINEN, ANTERO, FI  
[72] TAKAKARHU, JOUNI, DK  
[72] HARLIN, ALI, FI  
[72] PALMROOS, ARI, FI  
[73] BOREALIS POLYMERS OY, FI  
[85] 1997-06-16  
[86] 1995-12-08 (PCT/FI1995/000670)  
[87] (WO1996/018662)  
[30] FI (945926) 1994-12-16

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[11] **2,208,673**  
[13] C

[51] Int.Cl. 6A61K 39/395 6A61K 31/725  
[25] EN  
[54] COMPOSITION FOR INHIBITING INTIMAL HYPERPLASIA USING PDGF ANTAGONISTS AND HEPARIN  
[54] COMPOSITION POUR INHIBER L'HYPERPLASIE DE L'INTIMA A L'AIDE D'ANTAGONISTES DU FACTEUR DE CROISSANCE D'ORIGINE PLAQUETTAIRE ET DE L'HEPARINE  
[72] KENAGY, RICHARD D., US  
[72] HART, CHARLES E., US  
[72] CLOWES, ALEXANDER, US  
[73] UNIVERSITY OF WASHINGTON, US  
[73] ZYMOGENETICS, INC., US  
[85] 1997-06-25  
[86] 1995-12-20 (PCT/US1995/016683)  
[87] (WO1996/020718)  
[30] US (08/366,860) 1994-12-30  
[30] US (08/482,533) 1995-06-07

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[11] **2,208,811**  
[13] C

[51] Int.Cl. 6F16L 55/00 6F16K 31/46  
[25] EN  
[54] ADJUSTABLE VALVE BOX  
[54] TABERNACLE REGLABLE POUR ROBINETS  
[72] BLISS, WILLIAM C., US  
[73] TYLER PIPE COMPANY, US  
[22] 1997-06-26  
[30] US (747,266) 1996-11-12

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[11] **2,213,205**  
[13] C

[51] Int.Cl. 6A61F 13/52 6A61F 13/15  
6B05D 1/26  
[25] EN  
[54] METHOD FOR PRODUCING A CONTINUOUS THERMOPLASTIC COATING AND ARTICLES CONSTRUCTED THEREFROM  
[54] PROCEDE DE PRODUCTION D'UN REVETEMENT THERMOPLASTIQUE CONTINU ET ARTICLES FABRIQUES A L'AIDE DE CELUI-CI  
[72] KROLL, MARK S., US  
[72] WERENICZ, HARALD, DE  
[72] KATSAROS, MARK G., US  
[72] POLANCE, ROBERT GORDON, US  
[72] VOSS, GERHARD, DE  
[72] REMMERS, PETER, DE  
[72] WITTKOPF, THOMAS, DE  
[73] H.B. FULLER LICENSING & FINANCING, INC., US  
[85] 1997-08-15  
[86] 1996-01-30 (PCT/EP1996/000377)  
[87] (WO1996/025902)  
[30] WO (PCT/EP95/00665) 1995-02-23

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[11] **2,214,248**  
[13] C

[51] Int.Cl. 6B61L 5/02  
[25] EN  
[54] SWITCH STAND HANDLE  
[54] MANCHE POUR SUPPORT DE LEVIER D'AIGUILAGE  
[72] COLLIN, GILBERT, CA  
[73] PATSON INC., CA  
[22] 1997-08-29

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Brevets canadiens délivrés  
7 décembre 2004

[11] 2,216,574  
[13] C

[51] Int.Cl. 6A61K 9/107 6A61K 45/06  
6A61K 7/40 6A61K 7/48  
[25] FR  
[54] EMULSION H/E A FORTE TENEUR  
EN ELECTROLYTES ET LEUR  
UTILISATION EN DERMOCOSMETIQUE,  
NOTAMMENT POUR  
TRAITER LES PHENOMENES  
D'IRRITATION ET/OU DE PEAUX  
SENSIBLES  
[54] HIGH ELECTROLYTE CONTENT  
OIL-IN-WATER EMULSION AND ITS  
USE FOR DERMATOLOGICAL/  
COSMETIC PURPOSES,  
SPECIFICALLY FOR TREATING  
IRRITATED AND/OR SENSITIVE SKIN.  
[72] GAGNEBIEN, DIDIER, FR  
[72] SEBILLOTTE-ARNAUD,  
LAURENCE, FR  
[73] L'OREAL, FR  
[22] 1997-10-10  
[30] FR (96 12 450) 1996-10-11

[11] 2,217,398  
[13] C

[51] Int.Cl. 6B60R 21/00  
[25] FR  
[54] DISPOSITIF DE SECURITE D'UN  
VEHICULE  
[54] VEHICLE SAFETY DEVICE  
[72] PATHE, CLAUDE, FR  
[72] TROUSSELLE, RAPHAEL, FR  
[73] DAVEY BICKFORD, FR  
[85] 1997-09-29  
[86] 1996-04-01 (PCT/FR1996/000491)  
[87] (WO1996/030231)  
[30] FR (95 03856) 1995-03-31

[11] 2,217,776  
[13] C

[51] Int.Cl. 6C07K 7/08 6C07K 19/00  
6C07K 17/08 6A61K 38/10 6C07K 16/18  
6A61K 39/395 6A61K 39/44 6G01N 33/564  
[25] EN  
[54] SYNTHETIC PEPTIDES AND  
PHARMACEUTICAL COMPOSITIONS  
COMPRISING THEM FOR THE  
TREATMENT OF SYSTEMIC LUPUS  
ERYTHEMATOSUS  
[54] PEPTIDES SYNTHETIQUES ET  
COMPOSITIONS  
PHARMACEUTIQUES LES  
CONTENANT POUR LE TRAITEMENT  
DU LUPUS ERYTHEMATEUX  
SYSTEMIQUE  
[72] MOZES, EDNA, IL  
[72] WAISMAN, ARI, IL  
[73] YEDA RESEARCH AND  
DEVELOPMENT CO. LTD., IL  
[85] 1997-09-25  
[86] 1996-03-27 (PCT/US1996/004206)  
[87] (WO1996/030057)  
[30] IL (113159) 1995-03-28

[11] 2,219,529  
[13] C

[51] Int.Cl. 6G01N 33/94 6G01N 21/03  
6G01N 1/10 6G01N 33/558  
[25] EN  
[54] DEVICE FOR THE COLLECTION,  
TESTING AND SHIPMENT OF BODY  
FLUID SAMPLES  
[54] DISPOSITIF DE PRELEVEMENT,  
D'ANALYSE ET D'EXPEDITION  
D'ECHANTILLONS DE LIQUIDE  
BIOLOGIQUE  
[72] CIPKOWSKI, STAN, US  
[73] AMERICAN BIOMEDICA  
CORPORATION, US  
[85] 1997-10-27  
[86] 1997-03-11 (PCT/US1997/003347)  
[87] (WO1997/033519)  
[30] US (08/613,487) 1996-03-11

[11] 2,220,483  
[13] C

[51] Int.Cl. 6H04N 7/173  
[25] EN  
[54] COMPRESSED DIGITAL-DATA  
INTERACTIVE PROGRAM SYSTEM  
[54] SYSTEME DE PROGRAMMATION  
INTERACTIF A DONNEES  
NUMERIQUES COMPRIMEES  
[72] HARPER, GREGORY W., US  
[72] FREEMAN, MICHAEL J., US  
[73] ACTV, INC., US  
[85] 1997-11-07  
[86] 1996-05-17 (PCT/US1996/007236)  
[87] (WO1996/037075)  
[30] US (08/433,607) 1995-05-18

[11] 2,224,037  
[13] C

[51] Int.Cl. 6C10G 21/30 6C10G 21/28  
[25] EN  
[54] SOLVENT DEASPHALTING UNIT  
CAPABLE OF GENERATING POWER  
[54] UNITE DE DESASPHALTAGE  
PERMETTANT DE PRODUIRE DE  
L'ENERGIE  
[72] HOOD, RICHARD L., US  
[73] ORMAT INDUSTRIES LTD., IL  
[22] 1997-12-08  
[30] US (08/764,264) 1996-12-12

[11] 2,218,951  
[13] C

[51] Int.Cl. 6H04B 10/08 6H04J 14/02  
[25] EN  
[54] OPTICAL SIGNAL POWER  
DETECTION WITH SIGNATURE BIT  
PATTERN IN WDM SYSTEMS  
[54] DETECTION DE PUISSANCE DE  
SIGNAL OPTIQUE AVEC PROFIL  
BINAIRE DE SIGNATURE DANS LES  
SYSTEMES MRL (MULTIPLEXAGE EN  
LONGUEUR D'ONDE)  
[72] HABEL, RICHARD A., CA  
[72] HARLEY, JAMES, CA  
[73] NORTEL NETWORKS LIMITED, CA  
[22] 1997-10-22

**Canadian Patents Issued  
December 7, 2004**

---

[11] **2,224,913**  
[13] C

[51] Int.Cl. 6H02K 1/00  
[25] EN  
[54] EDDY CURRENT APPARATUS  
[54] APPAREIL A COURANTS DE  
FOUCAULT  
[72] EVEN, DENIS, FR  
[72] BOUSSIOUT, STEFAN, FR  
[73] LABINAL, FR  
[22] 1997-12-15  
[30] FR (96 15753) 1996-12-20

---

[11] **2,225,171**  
[13] C

[51] Int.Cl. 6A63G 21/22 6A63G 7/00  
[25] EN  
[54] AN AMUSEMENT DEVICE AND A  
VEHICLE SUITABLE FOR BEING USED  
IN SUCH AN AMUSEMENT DEVICE  
[54] DISPOSITIF DE  
DIVERTISSEMENT ET VEHICULE  
UTILISABLE DANS CE DISPOSITIF  
[72] CLERX, PETRUS JOSEPH  
HUBERTUS, NL  
[72] HOUBEN, JACOB HUBERT MARIE,  
NL  
[73] VEKOMA RIDES ENGINEERING  
B.V., NL  
[85] 1997-12-18  
[86] 1996-07-04 (PCT/NL1996/000275)  
[87] (WO1997/002878)  
[30] NL (1000774) 1995-07-11

---

[11] **2,228,884**  
[13] C

[51] Int.Cl. 6C01B 33/158  
[25] EN  
[54] WET SILICA GELS FOR AEROGEL  
AND XEROGEL THERMAL  
INSULATION AND PROCESSES FOR  
THE WET GELS  
[54] GELS DE SILICE AQUEUX POUR  
ISOLATION THERMIQUE DE TYPE  
AEROGEL ET XEROGEL; METHODES  
POUR L'OBTENTION DES GELS  
AQUEUX  
[72] DESHPANDE, RAVINDRA, US  
[72] STOVER, LISA A., US  
[73] ARMACELL ENTERPRISE GMBH,  
DE  
[22] 1998-02-06  
[30] US (08/811,633) 1997-03-05

---

[11] **2,228,974**  
[13] C

[51] Int.Cl. 6A61L 2/20  
[25] EN  
[54] A METHOD AND A DEVICE FOR  
OZONE STERILIZATION OF OBJECTS  
[54] PROCEDE ET DISPOSITIF DE  
STERILISATION D'OBJETS A  
L'OZONE  
[72] ALPER, YEKUTIEL, IL  
[72] LITINSKY, GREGORY, IL  
[72] GRINSHPON, YOSEF, IL  
[72] PEIPER, URI, IL  
[73] STATE OF ISRAEL/MINISTRY OF  
AGRICULTURE, IL  
[85] 1998-02-06  
[86] 1996-08-27 (PCT/IL1996/000090)  
[87] (WO1997/009071)  
[30] IL (115130) 1995-09-01

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[11] **2,230,352**  
[13] C

[51] Int.Cl. 6A41F 19/00  
[25] EN  
[54] SUSPENDER ATTACHMENT  
SYSTEM  
[54] SYSTEME D'ATTACHE DE  
BRETELLES  
[72] LLOYD, JOHN K. L., CA  
[73] LLOYD, JOHN K. L., CA  
[22] 1998-02-24

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[11] **2,231,712**  
[13] C

[51] Int.Cl. 6F04B 39/06 6B60T 17/02  
[25] EN  
[54] AFTERCOOLER BYPASS MEANS  
FOR A LOCOMOTIVE COMPRESSED  
AIR SYSTEM  
[54] CIRCUIT DE CONTOURNEMENT  
DU REFROIDISSEUR D'AIR  
COMPRIME SUR LOCOMOTIVE  
[72] DRUMMOND, ROGER, US  
[72] GOETTEL, WALTER E., US  
[72] CUNKELMAN, BRIAN L., US  
[72] WAGNER, DANIEL G., US  
[73] WESTINGHOUSE AIR BRAKE  
COMPANY, US  
[22] 1998-03-11  
[30] US (897,277) 1997-07-21

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[11] **2,232,641**  
[13] C

[51] Int.Cl. 6B66F 9/18  
[25] EN  
[54] VACUUM BASED LIFTER DEVICE  
FOR DISPLACEMENT OF AN ARTICLE  
[54] DISPOSITIF DE LEVAGE PAR  
ASPIRATION POUR DEPLACEMENT  
D'UN ARTICLE  
[72] KRISTENSEN, AXEL, NO  
[73] HEGNA LIFT AS, NO  
[85] 1998-03-19  
[86] 1996-10-09 (PCT/NO1996/000235)  
[87] (WO1997/013718)  
[30] NO (954035) 1995-10-11

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[11] **2,234,019**  
[13] C

[51] Int.Cl. 6F25B 9/02 6F25D 3/00 6A61B  
17/36  
[25] EN  
[54] MINIATURE MIXED GAS  
REFRIGERATION SYSTEM  
[54] SYSTEME DE REFRIGERATION  
MINIATURE ET A MELANGE DE GAZ  
[72] DOBAK JOHN D., III, US  
[72] RADEBAUGH, RAY, US  
[72] HUBER, MARCIA L., US  
[72] MARQUARDT, ERIC D., US  
[73] CRYOGEN, INC., US  
[73] SECRETARY OF COMMERCE OF  
THE UNITED STATES, US  
[85] 1998-04-03  
[86] 1996-10-09 (PCT/US1996/016197)  
[87] (WO1997/014005)  
[30] US (08/542,123) 1995-10-12

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[11] **2,234,951**  
[13] C

[51] Int.Cl. 6A61B 17/00  
[25] EN  
[54] ENDOLUMINAL PROSTHESIS  
DEPLOYMENT DEVICE FOR USE  
WITH PROSTHESES OF VARIABLE  
LENGTH AND HAVING RETRACTION  
ABILITY  
[54] APPAREIL DE MISE EN PLACE DE  
PROTHESES ENDOLUMINALES,  
DESTINE A DES PROTHESES DE  
LONGUEUR VARIABLE ET AYANT  
UNE CAPACITE DE RETRAIT  
[72] CLAIR, KEVIN J., US  
[72] PINCHUK, LEONARD, US  
[73] CORVITA CORPORATION, US  
[85] 1998-04-16  
[86] 1996-11-05 (PCT/US1996/017734)  
[87] (WO1997/017899)  
[30] US (08/556,408) 1995-11-13

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Brevets canadiens délivrés  
7 décembre 2004

[11] 2,234,976  
[13] C

[51] Int.Cl. 6A61F 2/06  
[25] EN  
[54] EXPANDABLE SUPPORTIVE  
BRANCHED ENDOLUMINAL GRAFTS  
[54] GREFFONS ENDOLUMINAUX  
RAMIFIES DE SUPPORT ET  
EXTENSIBLES  
[72] PINCHUK, LEONARD, US  
[72] KATO, YASHUSHI, US  
[72] ALCIME, RYSLER, US  
[73] CORVITA CORPORATION, US  
[85] 1998-04-15  
[86] 1996-10-29 (PCT/US1996/017487)  
[87] (WO1997/017913)  
[30] US (08/558,028) 1995-11-13

[11] 2,235,373  
[13] C

[51] Int.Cl. 6H04L 12/56 6H04L 29/02  
6H04N 7/16  
[25] EN  
[54] VARIABLE LENGTH BURST  
TRANSMISSION OVER THE  
PHYSICAL LAYER OF A MULTILAYER  
TRANSMISSION FORMAT  
[54] TRANSMISSION PAR SALVES DE  
LONGUEUR VARIABLE SUR LA  
COUCHE PHYSIQUE D'UN SYSTEME  
DE TRANSMISSION MULTICOUCHE  
[72] HOU, VICTOR T., US  
[72] ANDERSON, STEVEN E., US  
[72] KOLZE, THOMAS J., US  
[73] GENERAL INSTRUMENT  
CORPORATION, US  
[85] 1998-04-20  
[86] 1996-10-23 (PCT/US1996/016923)  
[87] (WO1997/016046)  
[30] US (60/006,042) 1995-10-24

[11] 2,236,101  
[13] C

[51] Int.Cl. 6C07C 245/08 6C09B 33/04  
[25] EN  
[54] PROCESSES FOR PRODUCING 4,6-  
BIS(SUBSTITUTED)PHENYLAZORESO  
RCINOLS  
[54] PROCEDES DE PRODUCTION DE  
4,6-  
BISPHENYL(SUBSTITUE)AZORESORC  
INOLS  
[72] OSAKI, KAZUO, JP  
[72] YAMAZAKI, SATOSHI, JP  
[72] HASHIBA, ISAO, JP  
[72] KAWASHITA, HIDEO, JP  
[72] SUZUKI, HIDEO, JP  
[72] KATSUMURA, YASUO, JP  
[72] AKIMOTO, KAZUHIKO, JP  
[72] TOKUNAGA, KENICHI, JP  
[73] NISSAN CHEMICAL INDUSTRIES,  
LTD., JP  
[85] 1998-04-29  
[86] 1996-10-31 (PCT/JP1996/003199)  
[87] (WO1997/016411)  
[30] JP (7/309803) 1995-11-02  
[30] JP (7/346483) 1995-12-12

[11] 2,236,708  
[13] C

[51] Int.Cl. 6B25H 1/02 6B27F 7/15 6B25B  
1/20  
[25] EN  
[54] TRUSS ASSEMBLY TABLE  
[54] TABLE D'ASSEMBLAGE DE  
FERMES DE CHARPENTE  
[72] SHAMBLIN, WAYNE A., US  
[72] ROSSER, MICHAEL C., US  
[73] ALPINE ENGINEERED PRODUCTS,  
INC., US  
[85] 1998-04-30  
[86] 1996-10-17 (PCT/US1996/016660)  
[87] (WO1997/016285)  
[30] US (08/552,090) 1995-11-02

[11] 2,240,524  
[13] C

[51] Int.Cl. 6A01K 5/00 6A01K 15/02  
6A23K 1/18  
[25] EN  
[54] DEVICE FOR ADMINISTERING  
AND/OR PRESERVING ANIMAL FOOD  
[54] DISPOSITIF D'ADMINISTRATION  
ET/OU DE CONSERVATION  
D'ALIMENTS POUR ANIMAUX  
[72] LONG, ALAN, DE  
[73] MARS, INC., US  
[85] 1998-06-12  
[86] 1996-10-25 (PCT/DE1996/002055)  
[87] (WO1997/021341)  
[30] DE (295 19 685.8) 1995-12-12

[11] 2,240,579  
[13] C

[51] Int.Cl. 6G01N 15/10 6G01N 27/403  
[25] EN  
[54] ELECTRODE ASSEMBLY  
[54] ENSEMBLE ELECTRODE  
[72] SHINE, IAN BASIL, US  
[72] SHINE, THOMAS ADAM, US  
[73] SHINE, IAN BASIL, US  
[73] SHINE, THOMAS ADAM, US  
[85] 1998-06-25  
[86] 1996-12-27 (PCT/GB1996/003241)  
[87] (WO1997/024600)  
[30] GB (9526652.4) 1995-12-29

[11] 2,240,982  
[13] C

[51] Int.Cl. 6C09D 151/00 6B05D 1/02  
6B05D 7/16 6B05D 1/36  
[25] EN  
[54] COATING COMPOSITION  
[54] COMPOSITION DE REVETEMENT  
[72] FRANGOU, ANDREW, GB  
[72] HIGHCOCK, WILLIAM JAMES, GB  
[72] CASPER, JAMES WILLIAM, GB  
[72] GOGNA, DEEPAK, GB  
[73] PPG INDUSTRIES OHIO, INC., US  
[85] 1998-06-18  
[86] 1996-12-11 (PCT/EP1996/005534)  
[87] (WO1997/022667)  
[30] GB (9525914.9) 1995-12-19

[11] 2,241,130  
[13] C

[51] Int.Cl. 6H05G 1/02 6H05G 1/56  
[25] EN  
[54] PORTABLE X-RAY DEVICE  
[54] DISPOSITIF RADIOPHONIQUE  
PORTATIF  
[72] MILES, DALE A., US  
[73] MILES, DALE A., US  
[85] 1998-06-19  
[86] 1996-12-13 (PCT/US1996/019670)  
[87] (WO1997/023120)  
[30] US (08/574,768) 1995-12-19

[11] 2,241,920  
[13] C

[51] Int.Cl. 6E04B 2/00  
[25] EN  
[54] SINGLE WYTHE WALL SYSTEM  
[54] SYSTEME DE DE MUR DEMI-  
BRIQUE  
[72] FRITZ, ALVIN REINHARD, CA  
[72] MCCLAFFERTY, JOHN, CA  
[73] Lafarge Canada Inc., CA  
[73] FRITZ, ALVIN REINHARD, CA  
[22] 1998-06-29

**Canadian Patents Issued  
December 7, 2004**

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[11] **2,241,973**  
[13] C

[51] Int.Cl. 6B41L 13/18  
[25] EN  
[54] IMPRESSION CYLINDER OF A SHEET-FED MACHINE  
[54] CYLINDRE D'IMPRESSION D'UNE MACHINE A FEUILLES  
[72] SCHAEDE, JOHANNES GEORG, DE  
[73] DE LA RUE GIORI S.A., CH  
[85] 1998-06-26  
[86] 1997-02-18 (PCT/CH1997/000061)  
[87] (WO1997/029912)  
[30] CH (429/96) 1996-02-19

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[11] **2,244,929**  
[13] C

[51] Int.Cl. 6H04Q 3/42 6H04M 1/26  
[25] EN  
[54] METHOD AND APPARATUS FOR PROVIDING A PRIVATE COMMUNICATION SYSTEM IN A PUBLIC SWITCHED TELEPHONE NETWORK  
[54] PROCEDE ET APPAREIL POUR SYSTEME DE COMMUNICATION PRIVE DANS UN RESEAU TELEPHONIQUE COMMUTE PUBLIC  
[72] YAFUSO, BYRON Y., US  
[72] ROGERS, STEVEN L., US  
[72] LEKVEN, ERIC J., US  
[72] GROB, MATTHEW S., US  
[73] QUALCOMM INCORPORATED, US  
[85] 1998-07-31  
[86] 1997-01-29 (PCT/US1997/001521)  
[87] (WO1997/028658)  
[30] US (08/595,566) 1996-02-01

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[11] **2,245,668**  
[13] C

[51] Int.Cl. 6C21C 5/48 6F27D 1/10  
[25] EN  
[54] GAS-FLUSHING BASE FOR METALLURGICAL VESSELS  
[54] FOND DE RINCAGE AU GAZ POUR CUVES METALLURGIQUES  
[72] HAMMERER, WALTER, AT  
[72] DOTT, KARL-HEINZ, DE  
[72] REITERER, FRANZ, AT  
[72] HEILIGENBRUNNER, MICHAEL, AT  
[72] DOSINGER, KLAUS, AT  
[72] SLAMENIK, MANFRED, AT  
[73] VEITSCH-RADEX  
AKTIENGESELLSCHAFT FÜR FEUERFESTE ERZEUGNISSE, AT  
[85] 1998-08-06  
[86] 1997-01-30 (PCT/EP1997/000406)  
[87] (WO1997/028915)  
[30] DE (196 04 413.8) 1996-02-07

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[11] **2,246,448**  
[13] C

[51] Int.Cl. 6B29C 47/34  
[25] EN  
[54] OSCILLATING HAULOFF  
[54] DISPOSITIF DEROULEUR OSCILLANT  
[72] CREE, ROBERT E., US  
[73] ADDEX, INC., US  
[85] 1998-08-14  
[86] 1997-12-16 (PCT/US1997/023246)  
[87] (WO1998/026917)  
[30] US (08/769,106) 1996-12-18

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[11] **2,248,969**  
[13] C

[51] Int.Cl. 6B60T 13/66 6B61C 17/12  
**6B60T 17/22**  
[25] EN  
[54] COMPUTER CONTROL OF RAILROAD TRAIN BRAKE SYSTEM OPERATION  
[54] CONTROLE INFORMATISE DU FONCTIONNEMENT D'UN SYSTEME DE FREINS D'UN TRAIN  
[72] PAUL, JOHN E., US  
[72] COLBERT, MICHAEL A., US  
[72] HART, JAMES E., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1998-09-28  
[30] US (038,175) 1998-03-10

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[11] **2,250,213**  
[13] C

[51] Int.Cl. 6D21B 1/14 6D21D 1/30  
[25] EN  
[54] CONTROLLING BEATING OF FIBROUS MATERIAL IN A REFINER  
[54] REGULATION DU RAFFINAGE DE MATIERE FIBREUSE DANS UN RAFFINEUR  
[72] KARLSTROM, ANDERS, SE  
[73] KARLSTROM, ANDERS, SE  
[85] 1998-09-23  
[86] 1997-04-07 (PCT/SE1997/000577)  
[87] (WO1997/038792)  
[30] SE (9601420-4) 1996-04-15

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[11] **2,251,146**  
[13] C

[51] Int.Cl. 6A23L 1/18 6B65B 3/04  
[25] EN  
[54] MICROWAVE POPCORN WITH COARSE SALT CRYSTALS AND METHOD OF PREPARATION  
[54] MAIS ECLATE AU MICRO-ONDES AVEC CRISTAUX DE GROS SEL ET METHODE DE PREPARATION  
[72] GLASS, BRIAN E., US  
[73] GENERAL MILLS, INC., US  
[22] 1998-10-26  
[30] US (08/998,751) 1997-12-29

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[11] **2,251,491**  
[13] C

[51] Int.Cl. 6H04Q 3/00 6G11B 23/00  
**6G05B 19/408**  
[25] EN  
[54] INTELLIGENT NETWORK CAPABLE OF EXECUTING A PLURALITY OF SERVICE CONTROL REQUEST MESSAGES IN A SINGLE SERVICE CONTROL POINT  
[54] RESEAU INTELLIGENT POUVANT EXECUTER PLUSIEURS MESSAGES DE DEMANDE DE COMMANDE DE SERVICES A UN SEUL POINT DE COMMANDE DE SERVICES  
[72] FUSE, MOTONARI, JP  
[73] NEC CORPORATION, JP  
[22] 1998-10-22  
[30] JP (292130/1997) 1997-10-24

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[11] **2,252,380**  
[13] C

[51] Int.Cl. 6F03B 3/06  
[25] EN  
[54] SEALING SYSTEM FOR A HYDRAULIC MACHINE  
[54] SYSTEME D'ETANCHEITE POUR MACHINE HYDRAULIQUE  
[72] THYBERG, CONNY, SE  
[73] KVAERNER TURBIN AKTIEBOLAG, SE  
[85] 1998-10-20  
[86] 1997-04-25 (PCT/SE1997/000699)  
[87] (WO1997/041348)  
[30] SE (9601630-8) 1996-04-29

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Brevets canadiens délivrés  
7 décembre 2004

[11] 2,252,774  
[13] C

[51] Int.Cl. 6H02M 3/28 6H02M 3/22  
[25] EN  
[54] SWITCHED-MODE POWER SUPPLY ARRANGEMENT  
[54] ALIMENTATION A DECOUPAGE  
[72] UUSITALO, JOUNI, FI  
[73] NOKIA TELECOMMUNICATIONS OY, FI  
[85] 1998-10-27  
[86] 1997-05-29 (PCT/FI1997/000328)  
[87] (WO1997/045947)  
[30] FI (962271) 1996-05-30

[11] 2,256,683  
[13] C

[51] Int.Cl. 6A62B 9/02 6A61H 31/00  
[25] EN  
[54] RESUSCITATOR DEVICE WITH SELF CLOSING VALVE  
[54] APPAREIL DE REANIMATION AVEC SOUPAPE A FERMETURE AUTOMATIQUE  
[72] O'DAY, THERESE J., US  
[72] EISENBERG, MELVIN I., US  
[73] PLASCO, INCORPORATED, US  
[22] 1998-12-17  
[30] US (08/992,238) 1997-12-17

[11] 2,260,189  
[13] C

[51] Int.Cl. 6H05B 3/14  
[25] EN  
[54] HEATING CABLE  
[54] CABLE DE CHAUFFAGE  
[72] JANVRIN, ARON K., US  
[72] OSTERHOUT, GLEN W., US  
[73] RAYCHEM CORPORATION, US  
[85] 1998-12-24  
[86] 1997-06-24 (PCT/US1997/011057)  
[87] (WO1998/001010)  
[30] US (08/672,603) 1996-06-28

[11] 2,261,318  
[13] C

[51] Int.Cl. 6F24C 3/08 6F24C 15/00  
6F23K 5/00  
[25] EN  
[54] GAS SUPPLY DEVICE  
[54] DISPOSITIF D'ALIMENTATION EN GAZ  
[72] DIPAOLO, JOHN, US  
[72] PEED, SHERMAN, US  
[73] UNIVERSAL TUBULAR SYSTEMS, INC., US  
[22] 1999-02-05  
[30] US (09/020,017) 1998-02-06

[11] 2,263,151  
[13] C

[51] Int.Cl. 6H04N 7/18 6G02B 21/36  
[25] EN  
[54] PICTURE-TRANSMITTING REMOTE OBJECT INSPECTION SYSTEM  
[54] SYSTEME DE TELEANALYSE D'OBJETS TRANSMETTANT DES IMAGES  
[72] SCHMID, JOACHIM, DE  
[72] BINDER, BERND, DE  
[72] SCHWARZMANN, PETER, DE  
[73] DEUTSCHE TELEKOM AG, DE  
[85] 1999-02-11  
[86] 1997-08-16 (PCT/EP1997/004473)  
[87] (WO1998/008342)  
[30] DE (196 33 997.9) 1996-08-23

[11] 2,263,238  
[13] C

[51] Int.Cl. 6E02B 15/10 6E02B 3/02  
[25] EN  
[54] WATERWAY POLLUTION CONTROL APPARATUS  
[54] DISPOSITIF DE LUTTE CONTRE LA POLLUTION DE COURS D'EAU  
[72] MATTSON, JACK, CA  
[73] MATTSON, JACK, CA  
[22] 1999-03-01

[11] 2,263,519  
[13] C

[51] Int.Cl. 6C08L 67/02  
[25] EN  
[54] PROCESS FOR IMPROVING THE FLAVOR RETAINING PROPERTY OF POLYESTER/POLYAMIDE BLEND CONTAINERS FOR OZONATED WATER  
[54] PROCEDE DESTINE A AMELIORER LA PROPRIETE DE RETENTION DE FLAVEUR DE RECIPIENTS CONSTITUES D'UN MELANGE DE POLYESTER/ POLYAMIDE POUR EAU OZONISEE  
[72] DUCASSE, VINCENT, FR  
[72] MOREAU, ANNICK, FR  
[72] BAGRODIA, SHRIRAM, US  
[72] LONG, TIMOTHY EDWARD, US  
[73] EASTMAN CHEMICAL COMPANY, US  
[85] 1999-02-11  
[86] 1997-08-19 (PCT/US1997/014521)  
[87] (WO1998/007786)  
[30] US (60/024,300) 1996-08-22  
[30] US (08/910,606) 1997-08-13

[11] 2,263,849  
[13] C

[51] Int.Cl. 6C10G 73/02 6C10G 65/04  
[25] EN  
[54] PROCESS FOR HIGHLY SHAPE SELECTIVE DEWAXING WHICH RETARDS CATALYST AGING  
[54] PROCEDE DE DEPARAFFINAGE A HAUTE SELECTIVITE DE FORME, RETARDANT LE VIEILLISSEMENT DU CATALYSEUR  
[72] BAKER, CHARLES LAMBERT JR., US  
[72] DOUGHERTY, RICHARD CHARLES, US  
[73] MOBIL OIL CORPORATION, US  
[85] 1999-02-24  
[86] 1997-10-29 (PCT/US1997/019688)  
[87] (WO1998/018883)  
[30] US (08/742,639) 1996-10-31

[11] 2,264,134  
[13] C

[51] Int.Cl. 6B22F 1/00 6H01M 4/38  
[25] EN  
[54] HYDROGEN ABSORBING ALLOY POWDER AND PROCESS FOR PRODUCING SAME  
[54] POUDRE D'ALLIAGE ABSORBANT L'HYDROGENE ET PROCESSUS DE FABRICATION DE CELUI-CI  
[72] YONEZU, IKUO, JP  
[72] NOGAMI, MITSUZO, JP  
[72] KIMOTO, MAMORU, JP  
[72] NISHIO, KOJI, JP  
[72] MATSUURA, YOSHINORI, JP  
[72] HIGASHIYAMA, NOBUYUKI, JP  
[72] IMOTO, TERUHIKO, JP  
[73] SANYO ELECTRIC CO., LTD., JP  
[85] 1999-02-24  
[86] 1998-01-26 (PCT/JP1998/000324)  
[87] (WO1998/033613)  
[30] JP (9-017995) 1997-01-31

**Canadian Patents Issued  
December 7, 2004**

---

[11] **2,264,874**  
[13] C

[51] Int.Cl. 6A62B 18/08  
[25] EN  
[54] FULL FACE RESPIRATOR MASK HAVING INTEGRAL CONNECTORS DISPOSED IN LENS AREA  
[54] MASQUE A GAZ INTEGRAL DOTE DE CONNECTEURS INTEGRES DISPOSES DANS UN HUBLOT  
[72] KNIVSLAND, DAVID P., US  
[72] REISCHEL, JOSEPH G., US  
[72] GRANNIS, VAUGHN B., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1999-02-23  
[86] 1997-01-23 (PCT/US1997/000916)  
[87] (WO1998/013103)  
[30] US (08/727340) 1996-09-24

---

[11] **2,265,124**  
[13] C

[51] Int.Cl. 6H01R 13/512 6G01V 1/16  
[25] EN  
[54] FEMALE SOCKET ASSEMBLY FOR ELECTRICAL CONNECTOR  
[54] ASSEMBLAGE DE PRISE FEMELLE POUR CONNECTEUR ELECTRIQUE  
[72] BECKER, TIMOTHY D., US  
[73] GEO SPACE, LP, US  
[22] 1999-03-05  
[30] US (09/035,415) 1998-03-05

---

[11] **2,265,309**  
[13] C

[51] Int.Cl. 6E03C 1/02 6B01D 35/04  
6C02F 1/42  
[25] EN  
[54] FAUCET ATTACHMENT FOR TREATING WATER  
[54] ACCESSOIRE DE ROBINET POUR TRAITER L'EAU  
[72] SHEPHERD, CHARLES G., CA  
[73] ENVIROGARD PRODUCTS LIMITED, CA  
[22] 1999-03-12

---

[11] **2,265,410**  
[13] C

[51] Int.Cl. 6D21H 17/67  
[25] EN  
[54] NOVEL FILLER AND PIGMENT  
[54] CHARGE ET PIGMENT NOUVEAUX  
[72] SILENIUS, PETRI, FI  
[73] M-REAL OYJ, FI  
[22] 1999-03-12  
[30] FI (980566) 1998-03-13

---

[11] **2,266,465**  
[13] C

[51] Int.Cl. 6H04R 1/08 6H04M 1/19  
[25] EN  
[54] NOISE CONTROL DEVICE  
[54] DISPOSITIF ANTIBRUIT  
[72] WOLFF, STEVEN B., US  
[72] TATE, JOSEPH B., US  
[73] UMEVOICE, INC., US  
[85] 1999-03-01  
[86] 1998-01-12 (PCT/US1998/000026)  
[87] (WO1998/031186)  
[30] US (08/787,010) 1997-01-12

---

[11] **2,267,659**  
[13] C

[51] Int.Cl. 6C12Q 1/34 6G01N 33/53  
6C12Q 1/68  
[25] EN  
[54] CHRONIC FATIGUE SYNDROME DIAGNOSIS  
[54] DIAGNOSTIC DU SYNDROME DE FATIGUE CHRONIQUE  
[72] SUHADOLNIK, ROBERT J., US  
[73] TEMPLE UNIVERSITY - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US  
[85] 1999-04-07  
[86] 1997-09-19 (PCT/US1997/016998)  
[87] (WO1998/015646)  
[30] US (08/728,109) 1996-10-09  
[30] US (08/895,120) 1997-07-16

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[11] **2,267,711**  
[13] C

[51] Int.Cl. 6C09J 123/20 6C09J 7/02  
6C09J 11/06  
[25] EN  
[54] PRESSURE-SENSITIVE ADHESIVE AND SURFACE PROTECTING MATERIAL  
[54] ADHESIF AUTOCOLLANT ET MATIERE POUR LA PROTECTION D'UNE SURFACE  
[72] INOUE, TSUYOSHI, JP  
[72] HAYASHI, KEIJI, JP  
[72] SHIRAI, MITSUYOSHI, JP  
[72] SHIBATA, KENICHI, JP  
[72] HORADA, MITSURU, JP  
[72] UEDA, HIROSHI, JP  
[72] EDA, TAKESHI, JP  
[72] MATSUI, KOMAHARU, JP  
[72] SANO, KENJI, JP  
[73] KANSAI PAINT CO., LTD., JP  
[73] NITTO DENKO CORPORATION, JP  
[22] 1999-03-29  
[30] JP (10-105475) 1998-03-31

---

[11] **2,267,959**  
[13] C

[51] Int.Cl. 6E05C 1/10  
[25] EN  
[54] TILT-LATCH WITH BOLT STOP  
[54] VERROU A BLOCAGE ET BUTOIR  
[72] SCHULTZ, STEVEN E., US  
[72] PRETE, JAMES G., US  
[72] ANNES, JASON, US  
[72] SHARP, JAMES, US  
[72] BRATCHER, MICHAEL P., US  
[73] ASHLAND PRODUCTS, INC., US  
[22] 1999-04-06  
[30] US (09/056,210) 1998-04-07

Brevets canadiens délivrés  
7 décembre 2004

[11] 2,268,269  
[13] C

[51] Int.Cl. 6H04B 17/00  
[25] EN  
[54] AN ADAPTIVE METHOD FOR CHANNEL ASSIGNMENT IN A CELLULAR COMMUNICATION SYSTEM  
[54] PROCEDE ADAPTATIF D'ATTRIBUTION DES CANAUX DANS UN SYSTEME DE TELECOMMUNICATION CELLULAIRE SANS FILS  
[72] BARRATT, CRAIG H., US  
[72] YUN, LOUIS C., US  
[72] UHLIK, CHRISTOPHER, US  
[73] ARRAVACOMM, INC., US  
[85] 1999-04-08  
[86] 1997-10-10 (PCT/US1997/018612)  
[87] (WO1998/017020)  
[30] US (08/729,387) 1996-10-11

[11] 2,270,857  
[13] C

[51] Int.Cl. 6G01M 19/00  
[25] EN  
[54] METHOD AND SYSTEM FOR DETERMINING THE FEEDABILITY OF WELDING WIRE  
[54] METHODE ET SYSTEME SERVANT A DETERMINER LA CAPACITE D'ALIMENTATION D'UN FIL DE SOUDURE  
[72] KAHN, BORIS, US  
[72] KRAMER, ARTHUR, US  
[73] LINCOLN GLOBAL, INC., US  
[22] 1999-05-04  
[30] US (09/132,587) 1998-08-11

[11] 2,271,127  
[13] C

[51] Int.Cl. 6G02B 6/34  
[25] EN  
[54] FIBER BRAGG GRATINGS IN CHALCOGENIDE OR CHALCOHALID BASED INFRARED OPTICAL FIBERS  
[54] RESEAUX DE BRAGG DE FIBRES DANS DES FIBRES OPTIQUES INFRAROUGES A BASE CHALCOGENURE OU CHALCOHALIDE  
[72] MOON, JOHN A., US  
[72] BUSSE, LYNDY E., US  
[72] AGGARWAL, ISHWAR D., US  
[72] SANGHERA, JASBINDER S., US  
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SEC RETARY OF THE NAVY, US  
[85] 1999-05-10  
[86] 1997-09-25 (PCT/US1997/017146)  
[87] (WO1998/014808)  
[30] US (08/721,846) 1996-09-30

[11] 2,280,222  
[13] C

[51] Int.Cl. 6E04B 7/00  
[25] EN  
[54] ROOF CURB APPARATUS  
[54] ASSEMBLAGE DE BORDURE DE TOIT  
[72] BROWN, PHILLIP G., US  
[72] BASHAM, W. CARROL, US  
[72] DAVENPORT, BRADFORD B., US  
[72] BROWN, J. LANE, US  
[73] RHEEM MANUFACTURING COMPANY, US  
[22] 1999-08-13  
[30] US (09/167,851) 1998-10-07

[11] 2,280,392  
[13] C

[51] Int.Cl. 6A47K 10/20 6B65D 83/08  
[25] EN  
[54] PRODUCT HOUSING STACKED BODY OF WET TISSUES  
[54] ARTICLE CONTENANT UNE PILE DE DEBARBOUILLETTES  
[72] BANDO, TAKESHI, JP  
[73] UNI-CHARM CORPORATION, JP  
[22] 1999-08-13  
[30] JP (244813/98) 1998-08-31

[11] 2,280,696  
[13] C

[51] Int.Cl. 6A61B 17/39  
[25] EN  
[54] ELECTRIC FIELD CONCENTRATED ELECTROSURGICAL ELECTRODE  
[54] ELECTRODE ELECTROCHIRURGICALE A CHAMP ELECTRIQUE CONCENTRE  
[72] GREEP, DARCY W., US  
[73] MEGADYNE MEDICAL PRODUCTS, INC., US  
[85] 1999-08-11  
[86] 1998-06-02 (PCT/US1998/011137)  
[87] (WO1999/017670)  
[30] US (08/943,551) 1997-10-03  
[30] US (08/984,716) 1997-12-03

[11] 2,273,159  
[13] C

[51] Int.Cl. 6F02C 1/00 6F02C 3/36  
[25] EN  
[54] IN-LINE GAS PRE-HEATING  
[54] PRECHAUFFAGE DU GAZ EN LIGNE  
[72] REIMERT, RAINER, DE  
[73] EWE AKTIENGESELLSCHAFT, DE  
[85] 1999-06-08  
[86] 1997-07-26 (PCT/EP1997/004074)  
[87] (WO1998/007970)  
[30] DE (196 33 674.0) 1996-08-21

**Canadian Patents Issued  
December 7, 2004**

---

[11] **2,281,522**  
[13] C

[51] Int.Cl. 6H04L 27/12 6H04L 27/152  
[25] EN  
[54] DELTA-SIGMA BASED TWO-  
POINT ANGLE MODULATION  
SCHEME  
[54] SCHEMA DE MODULATION  
ANGULAIRE DELTA-SIGMA A DEUX  
POINTS  
[72] RILEY, THOMAS A. D., CA  
[72] FILIOL, NORMAN M., CA  
[73] SKYWORKS SOLUTIONS, INC., US  
[22] 1999-09-10

---

[11] **2,282,229**  
[13] C

[51] Int.Cl. 6A61G 5/06  
[25] EN  
[54] CONVERSION KIT FOR  
CREATING AN OBSTACLE-  
MOUNTING WHEELCHAIR  
[54] TROUSSE PERMETTANT LA  
TRANSFORMATION D'UN FAUTEUIL  
ROULANT TRADITIONNEL EN UN  
FAUTEUIL ROULANT POUVANT  
SURMONTER DES OBSTACLES  
[72] NICHOLS, DEREK, CA  
[73] NICHOLS, DEREK, CA  
[22] 1999-09-16

---

[11] **2,283,371**  
[13] C

[51] Int.Cl. 6B02C 23/00  
[25] EN  
[54] BLADE RING FOR AIR-SWEPT  
ROLLER MILLS  
[54] AUBAGE POUR MOULINS A  
CYLINDRES A SEPARATION D'AIR  
[72] LETSCH, THOMAS, DE  
[72] KEYSNER, MICHAEL, DE  
[73] LOESCHE GMBH, DE  
[22] 1999-09-24  
[30] DE (198 44 112.6) 1998-09-25

---

[11] **2,284,469**  
[13] C

[51] Int.Cl. 6C09D 11/10  
[25] EN  
[54] LOW PH COATING  
COMPOSITION FOR INK JET  
RECORDING MEDIUM AND METHOD  
[54] COMPOSITION DE REVETEMENT  
A FAIBLE PH POUR MILIEU  
D'ENREGISTREMENT PAR JET  
D'ENCRE ET METHODE  
[72] SCHLIESMAN, LEONARD J., US  
[72] TRITZ, LELAND O., US  
[72] SPREDA, KAREN K., US  
[73] STORA ENSO NORTH AMERICA  
CORP., US  
[22] 1999-10-04

---

[11] **2,284,490**  
[13] C

[51] Int.Cl. 6F01K 23/10 6F02C 7/18  
[25] EN  
[54] COMBINED CYCLE POWER  
PLANT  
[54] CENTRALE A CYCLE COMBINE  
[72] YAMAMOTO, HIROYUKI, JP  
[72] KIMURA, HIDEO, JP  
[73] MITSUBISHI HEAVY INDUSTRIES,  
LTD., JP  
[85] 1999-09-21  
[86] 1998-01-23 (PCT/JP1998/000259)  
[87] (WO1999/037890)

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[11] **2,285,167**  
[13] C

[51] Int.Cl. 6H04L 12/56 6H04L 12/24  
[25] EN  
[54] FLOW CONTROL METHOD IN  
PACKET SWITCHED NETWORK  
[54] METHODE DE CONTROLE DU  
FLUX DANS UN RESEAU A  
COMMUTATION PAR PAQUETS  
[72] KIM, YOUNG-IL, KR  
[72] JOUNG, JINOO, KR  
[73] SAMSUNG ELECTRONIC CO., LTD.,  
KR  
[22] 1999-10-07  
[30] KR (42606/1998) 1998-10-12  
[30] KR (42607/1998) 1998-10-12

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[11] **2,287,004**  
[13] C

[51] Int.Cl. 6H04Q 7/22 6H04L 5/16  
[25] EN  
[54] METHOD AND APPARATUS FOR  
WIRELESS COMMUNICATION USING  
TIME DIVISION DUPLEX TIME-  
SLOTTED CDMA  
[54] METHODES ET APPAREILS DE  
COMMUNICATION SANS FIL  
UTILISANT L'AMRC A INTERVALLES  
DE TEMPS POUR DUPLEXAGE PAR  
REPARTITION EN CODE  
[72] MUJTABA, SYED AON, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1999-10-19  
[30] US (09/200,522) 1998-11-25

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[11] **2,287,736**  
[13] C

[51] Int.Cl. 6C07D 491/048 6C07D 491/153  
6A61K 31/435  
[25] EN  
[54] FUROPYRIDINE  
ANTIBACTERIALS  
[54] ANTIBACTERIENS A BASE DE  
FUROPYRIDINE  
[72] SUGIE, YUTAKA, JP  
[72] SUGIURA, AKEMI, JP  
[72] TRUESELL, SUSAN JANE, US  
[72] WONG, JOHN WING, US  
[72] YOSHIKAWA, NOBUJI, JP  
[73] PFIZER INC., US  
[22] 1999-10-29  
[30] WO (PCT/IB98/01748) 1998-11-02

---

[11] **2,290,612**  
[13] C

[51] Int.Cl. 7B64D 17/08 7B64D 17/36  
7B64D 17/62  
[25] EN  
[54] DEVICE TO CONTROL  
INFLATION CHARACTERISTICS OF  
PARACHUTES  
[54] DISPOSITIF PERMETTANT DE  
MODULER LES CARACTERISTIQUES  
DE GONFLEMENT DES PARACHUTES  
[72] BUTLER, MANLEY C., JR., US  
[73] BUTLER AEROSPACE  
TECHNOLOGIES, INC., US  
[85] 1999-11-18  
[86] 1998-04-21 (PCT/US1998/007797)  
[87] (WO1998/052820)  
[30] US (08/859,212) 1997-05-20

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Brevets canadiens délivrés  
7 décembre 2004

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[11] 2,293,255  
[13] C

[51] Int.Cl. 7H04Q 11/04  
[25] EN  
[54] MULTIMEDIA MULTIPOINT TELECOMMUNICATIONS RESERVATION ACCEPTANCE SYSTEMS AND CONTROLLERS [54] SYSTEMES ET CONTROLEURS DE VALIDATION DES RESERVATIONS DANS UN RESEAU DE TELECOMMUNICATIONS MULTIMEDIA MULTIPOINT  
[72] ROTTOO, SUNIL, CA  
[73] GENERAL DATACOMM, INC., US  
[85] 1999-12-13  
[86] 1998-06-03 (PCT/US1998/011358)  
[87] (WO1998/058518)  
[30] US (08/877,463) 1997-06-16

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[11] 2,296,383  
[13] C

[51] Int.Cl. 7E02D 29/02  
[25] EN  
[54] RETAINING WALL SYSTEM  
[54] SYSTEME DE RETENUE POUR PAROIS  
[72] ASH, DAVID W., CA  
[73] NORTHERN STRESSWALL CANADA LTD., CA  
[85] 2000-01-13  
[86] 1998-06-12 (PCT/CA1998/000545)  
[87] (WO1998/058133)  
[30] US (08/877,423) 1997-06-17

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[11] 2,296,851  
[13] C

[51] Int.Cl. 7B41F 13/38  
[25] EN  
[54] APPARATUS FOR THE AXIAL GUIDANCE AND ADJUSTMENT OF A CYLINDER  
[54] APPAREIL POUR LE GUIDAGE ET LE REGLAGE AXIAUX D'UN CYLINDRE  
[72] KERSCH, ROBERT, DE  
[72] GOTTLING, JOSEF, DE  
[72] DAUER, HORST, DE  
[72] KUNERT, GERD, DE  
[73] MAN ROLAND DRUCKMASCHINEN AG, DE  
[22] 2000-01-25  
[30] DE (199 03 847.3) 1999-02-01

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[11] 2,297,213  
[13] C

[51] Int.Cl. 7B22F 3/00 7B22F 3/11  
[25] EN  
[54] PRODUCTION OF COMPOSITE POROUS FIBRE STRUCTURES  
[54] PRODUCTION DE STRUCTURES FIBREUSES POROEUSES COMPOSITES  
[72] OVERBEEK, RUDOLF A., US  
[72] MEFFERT, MICHAEL W., US  
[72] TATARCHUK, BRUCE J., US  
[72] KHONSARI, ALI M., US  
[72] MURRELL, LAWRENCE L., US  
[72] CHANG, YUNG-FENG, US  
[73] AUBURN UNIVERSITY, US  
[73] ABB LUMMUS GLOBAL INC., US  
[85] 2000-01-26  
[86] 1998-08-07 (PCT/US1998/016491)  
[87] (WO1999/015292)  
[30] US (60/055,227) 1997-08-08  
[30] US (60/065,571) 1997-11-14

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[11] 2,298,547  
[13] C

[51] Int.Cl. 7A61B 5/087  
[25] EN  
[54] METHODS AND APPARATUS FOR DETERMINING INSTANTANEOUS ELASTIC RECOIL AND ASSISTANCE PRESSURE DURING VENTILATORY SUPPORT  
[54] PROCEDE POUR CALCULER LE VOLUME INTANSTANE D'AIR INSPIRE D'UN PATIENT PENDANT LA RESPIRATION  
[72] BERTHON-JONES, MICHAEL, AU  
[73] RESMED LIMITED, AU  
[22] 1997-09-23  
[62] 2,266,454  
[30] AU (PO 2474) 1996-09-23  
[30] AU (PCT/AU97/00517) 1997-08-14

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[11] 2,300,089  
[13] C

[51] Int.Cl. 7B68C 3/02  
[25] EN  
[54] SAFETY SUPPORT  
[54] ETRIER DE SECURITE  
[72] MEROTH, ERWIN, DE  
[73] MEROTH, ERWIN, DE  
[85] 2000-02-08  
[86] 1998-04-29 (PCT/DE1998/001192)  
[87] (WO1999/008957)  
[30] DE (197 35 211.1) 1997-08-14

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[11] 2,302,089  
[13] C

[51] Int.Cl. 7B62D 5/00  
[25] EN  
[54] MECHANISM FOR CORRECT STEERING IN REVERSE  
[54] MECANISME PERMETTANT DE BIEN S'ORIENTER EN MARCHE ARRIERE  
[72] HUTCHISON, WAYNE ROBERT, US  
[72] TEAL, RICHARD DONALD, US  
[72] HAYES, EUGENE GARY, US  
[72] MARCHESE, DAVID LEWIS, US  
[72] GOEBERT, BARRY JOSEPH, US  
[73] DEERE & COMPANY, US  
[22] 2000-03-24  
[30] US (09/412,924) 1999-10-05

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[11] 2,303,001  
[13] C

[51] Int.Cl. 7H04L 29/02 7G06F 13/14  
[25] EN  
[54] SCHEME FOR INFORMATION DELIVERY TO MOBILE COMPUTERS USING CACHE SERVERS  
[54] PLAN DE TRANSMISSION DE L'INFORMATION A DES ORDINATEURS MOBILES AU MOYEN DE SERVEURS CACHES  
[72] SHIBUYA, NAOHISA, JP  
[72] KAMAGATA, EIJI, JP  
[72] KATO, NORIYASU, JP  
[72] INOUE, ATSUSHI, JP  
[72] SHOBATAKE, YASURO, JP  
[72] KUMAKI, YOSHINARI, JP  
[73] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 2000-03-23  
[30] JP (11-080267) 1999-03-24

---

[11] 2,303,232  
[13] C

[51] Int.Cl. 7H04B 1/69 7H04B 7/216  
7H04Q 7/36  
[25] EN  
[54] INITIAL ACQUISITION AND FRAME SYNCHRONIZATION IN SPREAD SPECTRUM COMMUNICATION SYSTEM  
[54] ACQUISITION INITIALE ET SYNCHRONISATION DE TRAMES DANS UN SYSTEME DE COMMUNICATION A SPECTRE ETALE  
[72] MOON, HI-CHAN, KR  
[73] SAMSUNG ELECTRONIC CO., LTD., KR  
[85] 2000-03-06  
[86] 1999-07-21 (PCT/KR1999/000389)  
[87] (WO2000/005902)  
[30] KR (1998/29344) 1998-07-21

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**Canadian Patents Issued  
December 7, 2004**

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[11] **2,304,583**  
[13] C

[51] Int.Cl. 7G21F 1/00  
[25] EN  
[54] X-RAY ABSORBING MATERIAL AND VARIANTS  
[54] MATERIAU ABSORBANT LES RAYONS X ET VARIANTES  
[72] SOKOLOV, STANISLAV YURIVICH, LV  
[72] IVANOV, VALERIY ANATOLIEVICH, UA  
[72] PETCHENKIN, VALERIY IVANOVICH, UA  
[72] NOSOV, IGOR STEPANOVITCH, RU  
[72] TKATCHENKO, VLADIMIR IVANOVICH, UA  
[73] NOSOV, IGOR STEPANOVITCH, RU  
[85] 2000-03-23  
[86] 1998-09-24 (PCT/RU1998/000301)  
[87] (WO1999/017303)  
[30] RU (97116386) 1997-09-30

---

[11] **2,304,882**  
[13] C

[51] Int.Cl. 6H01F 38/00  
[25] EN  
[54] POWER DISTRIBUTION NETWORK INCORPORATING A VOLTAGE SUPPORT TRANSFORMER AND PROCESS OF USE  
[54] RESEAU DE DISTRIBUTION D'ENERGIE ELECTRIQUE COMPRENANT UN TRANSFORMATION DE TENSION AUXILIAIRE ET SON PROCEDE D'UTILISATION  
[72] KOJOVIC, LJUBOMIR A., US  
[73] KOJOVIC, LJUBOMIR A., US  
[85] 2000-03-23  
[86] 1998-09-23 (PCT/US1998/020007)  
[87] (WO1999/050860)  
[30] US (08/935,604) 1997-09-23

[11] **2,306,349**  
[13] C

[51] Int.Cl. 6G05B 23/02 6G06F 11/00  
[25] EN  
[54] SYSTEMS AND METHODS FOR REMOTELY CONTROLLING A MACHINE  
[54] SYSTEMES ET PROCEDES PERMETTANT DE COMMANDER UN DISPOSITIF A DISTANCE  
[72] CENTERS, STEVEN D., US  
[73] COLTEC INDUSTRIES, INC., US  
[85] 2000-04-03  
[86] 1998-10-01 (PCT/US1998/020515)  
[87] (WO1999/017178)  
[30] US (60/060,650) 1997-10-01  
[30] US (08/946,365) 1997-10-08  
[30] US (09/163,704) 1998-09-30

---

[11] **2,306,743**  
[13] C

[51] Int.Cl. 7F28F 1/24 7B23P 15/26 7F28F 1/28  
[25] EN  
[54] IMPROVED FIN COLLAR AND METHOD OF MANUFACTURING  
[54] COLLERETTE D'AILLETTE AMELIOREE ET METHODE DE FABRICATION  
[72] ALI, AMER F., US  
[72] MCCABE, MICHAEL P., US  
[72] GAFFANEY, DANIEL P., US  
[73] CARRIER CORPORATION, US  
[22] 2000-04-27  
[30] US (09/315,103) 1999-05-20

[11] **2,306,973**  
[13] C

[51] Int.Cl. 6G01F 1/68 6F23N 1/00 6F23K 5/04 6F23N 5/18 6F23D 11/28  
[25] EN  
[54] FLOW RATE SENSOR, FLOW METER, AND DISCHARGE RATE CONTROL APPARATUS FOR LIQUID DISCHARGE MACHINES  
[54] DETECTEUR DE DEBIT, DEBITMETRE ET APPAREIL DE REGULATION DE VITESSE DE DECHARGE POUR MACHINES A DECHARGE DE LIQUIDES  
[72] INOUE, SHINICHI, JP  
[72] TOCHIO, YUKIHIRO, JP  
[72] KOIKE, ATSUSHI, JP  
[72] MIYAJIMA, HIROMITSU, JP  
[72] KOTAKA, HIROFUMI, JP  
[72] TOMONARI, KENJI, JP  
[72] YAMAGISHI, KIYOSHI, JP  
[72] KAWANISHI, TOSHIAKI, JP  
[73] MITSUI MINING & SMELTING CO., LTD., JP  
[85] 2000-04-14  
[86] 1998-10-14 (PCT/JP1998/004633)  
[87] (WO1999/019694)  
[30] JP (9/281626) 1997-10-15  
[30] JP (9/281627) 1997-10-15  
[30] JP (9/291048) 1997-10-23  
[30] JP (10/104761) 1998-04-15  
[30] JP (10/165618) 1998-06-12

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[11] **2,308,478**  
[13] C

[51] Int.Cl. 6C07D 405/06 6A61K 31/36 6A61K 31/405  
[25] EN  
[54] INDOLE DERIVATIVES USEFUL AS ENDOTHELIN RECEPTOR ANTAGONIST  
[54] DERIVE INDOLIQUE UTILE COMME ANTAGONISTE DE RECEPTEUR D'ENDOTHELINE  
[72] CHALLENGER, STEPHEN, GB  
[72] JAMES, KIM, GB  
[72] DERRICK, ANDREW MICHAEL, GB  
[72] HAJIKARIMIAN, YOUSEF, GB  
[72] RAWSON, DAVID JAMES, GB  
[72] DACK, KEVIN NEIL, GB  
[72] ELLIS, DAVID, GB  
[72] DICKINSON, ROGER PETER, GB  
[73] PFIZER INC., US  
[85] 2000-05-03  
[86] 1998-10-06 (PCT/EP1998/006354)  
[87] (WO1999/020623)  
[30] GB (9722287.1) 1997-10-22

Brevets canadiens délivrés  
7 décembre 2004

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[11] 2,310,149  
[13] C

[51] Int.Cl. 7H01H 13/52 7G08G 1/02  
7H01H 9/08  
[25] EN  
[54] IN ROAD VEHICLE AXLE SENSOR  
[54] CAPTEUR D'ESSIEU DE  
VEHICULE SUR LA ROUTE  
[72] TAYLOR, BRIAN, CA  
[73] INTERNATIONAL ROAD  
DYNAMICS INC., CA  
[22] 2000-05-30

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[11] \* 2,310,268  
[13] C

[51] Int.Cl. 7H02M 3/22  
[25] EN  
[54] DC TO DC CONVERTER WITH  
OVERLAPPING PULSES  
[54] CONVERTISSEUR CONTINU-  
CONTINU AVEC IMPULSIONS  
SUPERPOSEES  
[72] LODKA, HEAN, CA  
[73] LODKA, HEAN, CA  
[22] 2000-06-02

---

[11] 2,310,439  
[13] C

[51] Int.Cl. 7H04M 3/56 7H04M 11/06  
[25] EN  
[54] METHOD AND APPARATUS FOR  
DYNAMICALLY EXCHANGING DATA  
AMONG PARTICIPANTS TO A  
CONFERENCE CALL  
[54] METHODE ET DISPOSITIF DE  
TRANSFERT DYNAMIQUE DE  
DONNEES ENTRE PARTICIPANTS A  
UN APPEL-CONFERENCE  
[72] LAM, YUK-MING PETER, US  
[72] IYER, PRAKASH, US  
[72] BAUER, ERIC JONATHAN, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 2000-06-01  
[30] US (09/329,463) 1999-06-10

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[11] 2,311,132  
[13] C

[51] Int.Cl. 6H01L 21/20 6H01L 33/00  
6C30B 25/02 6H01S 3/18 6H01L 21/203  
6H01L 21/205 6H01L 21/208  
[25] EN  
[54] GAN SINGLE CRYSTALLINE  
SUBSTRATE AND METHOD OF  
PRODUCING THE SAME  
[54] SUBSTRAT MONOCRISTALLIN  
DE GAN ET PROCEDE DE  
PRODUCTION ASSOCIE  
[72] MOTOKI, KENSAKU, JP  
[72] OKAHISA, TAKUJI, JP  
[72] MATSUMOTO, NAOKI, JP  
[73] SUMITOMO ELECTRIC  
INDUSTRIES, LTD., JP  
[85] 2000-06-16  
[86] 1998-10-29 (PCT/JP1998/004908)  
[87] (WO1999/023693)  
[30] JP (9/298300) 1997-10-30  
[30] JP (10/9008) 1998-01-20  
[30] JP (10/102546) 1998-04-14

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[11] 2,313,281  
[13] C

[51] Int.Cl. 7A63B 53/06  
[25] EN  
[54] IRON TYPE GOLF CLUB HEAD  
WITH WEIGHT ADJUSTMENT  
MEMBER  
[54] TETE DE FER DROIT DE GOLF  
MUNIE D'UN ELEMENT DE REGLAGE  
DE POIDS  
[72] KAZEMI-TABRIZI, PARVANEH, US  
[72] KUBICA, DANIEL J., US  
[73] KARSTEN MANUFACTURING  
CORPORATION, US  
[22] 2000-06-30  
[30] US (09/346,287) 1999-07-01

---

[11] 2,313,511  
[13] C

[51] Int.Cl. 7B60T 15/02 7B60T 13/68  
[25] EN  
[54] ELECTRONIC VENT VALVE  
[54] VALVE ELECTRONIQUE DE MISE  
A L'AIR LIBRE  
[72] CUNKELMAN, BRIAN L., US  
[73] WESTINGHOUSE AIR BRAKE  
COMPANY, US  
[22] 2000-07-07  
[30] US (369,986) 1999-08-06

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[11] 2,314,143  
[13] C

[51] Int.Cl. 7F27D 23/00 7C21D 9/56  
[25] EN  
[54] GAS SEAL FOR CONTINUOUS  
THERMAL TREATMENT FACILITIES  
OPERATED WITH A PROTECTIVE  
GAS ATMOSPHERE  
[54] SYSTEME D'ETANCHEITE AUX  
GAZ POUR INSTALLATIONS DE  
TRAITEMENT THERMIQUE EN  
CONTINU EN ATMOSPHERE INERTE  
[72] SOMMEREISEN, WINFRIED, DE  
[73] OTTO JUNKER GMBH, DE  
[85] 2000-06-12  
[86] 1999-08-26 (PCT/DE1999/002667)  
[87] (WO2000/022363)  
[30] DE (198 46 749.4) 1998-10-12

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[11] 2,315,773  
[13] C

[51] Int.Cl. 7G01S 13/02  
[25] EN  
[54] ELECTRONIC SUPPORT  
MEASURES (ESM) DUTY DITHERING  
SCHEME FOR IMPROVED  
PROBABILITY OF INTERCEPT AT  
LOW ESM UTILIZATION  
[54] PROCEDE DE VIBRATION LIE AU  
COEFFICIENT D'UTILISATION DE  
SYSTEMES D'ECOUTE D'EMISSIONS  
(ESM) PERMETTANT UNE  
MEILLEURE PROBABILITE  
D'INTERCEPTION LORS D'UNE  
FAIBLE UTILISATION DE SYSTEMES  
ESM  
[72] KARDATZKE, JEFFREY A., US  
[72] LEWIS, WILLIAM L., US  
[73] RAYTHEON COMPANY, US  
[85] 2000-06-19  
[86] 1999-10-20 (PCT/US1999/024667)  
[87] (WO2000/026685)  
[30] US (09/176562) 1998-10-21

---

[11] 2,316,069  
[13] C

[51] Int.Cl. 7E05F 15/00  
[25] EN  
[54] ENCASED OVERHEAD DOOR  
OPERATOR  
[54] DISPOSITIF EN COFFRET POUR  
FERMETURE DE PORTE  
RABATTABLE  
[72] STEPHEN, ERICH, CA  
[73] WESTINGHOUSE AIR BRAKE  
COMPANY, US  
[22] 2000-08-17  
[30] US (466,026) 1999-12-17

**Canadian Patents Issued  
December 7, 2004**

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[11] **2,316,097**  
[13] C

[51] Int.Cl. 7B41F 13/34  
[25] EN  
[54] PRINTING UNIT  
[54] GROUPE D'IMPRESSION  
[72] GOTTLING, JOSEF, DE  
[72] DAUER, HORST, DE  
[73] MAN ROLAND DRUCKMASCHINEN AG, DE  
[22] 2000-08-10  
[30] DE (199 37 796.0) 1999-08-10

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[11] **2,316,099**  
[13] C

[51] Int.Cl. 7B41F 13/34  
[25] EN  
[54] PRINTING UNIT FOR A WEB FED ROTARY PRINTING MACHINE  
[54] GROUPE D'IMPRESSION POUR MACHINE D'IMPRESSION ROTATIVE A BOBINES  
[72] PETERSEN, GODBER, DE  
[72] GOTTLING, JOSEF, DE  
[72] DAUER, HORST, DE  
[73] MAN ROLAND DRUCKMASCHINEN AG, DE  
[22] 2000-08-10  
[30] DE (199 37 805.3) 1999-08-10

---

[11] **2,316,205**  
[13] C

[51] Int.Cl. 6B29D 11/00 6B29C 33/30  
[25] EN  
[54] TORIC AXIS ALIGNMENT MACHINE AND METHOD  
[54] MACHINE D'ALIGNEMENT D'AXE TORIQUE ET PROCEDE AFFERENT  
[72] APPLETON, WILLIAM JOHN, US  
[72] DERYKE, KEVIN JACOB, US  
[72] POWELL, IAN ANDREW, US  
[72] DOBNER, MICHAEL HENRY, US  
[72] ORMISTON, ALLEN LEE, US  
[72] VANDEWINCKEL, JEFFREY MICHAEL, US  
[73] BAUSCH & LOMB INCORPORATED, US  
[85] 2000-06-27  
[86] 1999-01-12 (PCT/US1999/000652)  
[87] (WO1999/036803)  
[30] US (60/071,617) 1998-01-16

---

[11] **2,316,921**  
[13] C

[51] Int.Cl. 6C07D 221/22 6C07D 471/08  
6C07D 498/08 6C07D 513/08 6A61K 31/435  
[25] EN  
[54] ARYL FUSED AZAPOLYCYCLIC COMPOUNDS  
[54] COMPOSES AZAPOLYCYCLIQUES FUSIONNES AVEC UN ARYLE  
[72] COE, JOTHAM WADSWORTH, US  
[72] BROOKS, PAIGE ROANNE PALMER, US  
[73] PFIZER PRODUCTS INC., US  
[85] 2000-06-29  
[86] 1998-11-13 (PCT/IB1998/001813)  
[87] (WO1999/035131)  
[30] US (60/070,245) 1997-12-31

---

[11] **2,317,496**  
[13] C

[51] Int.Cl. 6B01J 20/32 6G01N 30/48  
6A61K 35/78  
[25] EN  
[54] THE PREPARATION OF NOVEL GELS FOR THE PURIFICATION OF NON-POLAR EXTRACTIVES  
[54] PREPARATION DE NOUVEAUX GELS DESTINES A LA PURIFICATION DE PRODUITS D'EXTRACTION NON POLAIRES  
[72] COLLINS, F. WILLIAM, CA  
[72] SARR, A. BACHIR, CA  
[72] FIELDER, DAVID A., CA  
[73] HER MAJESTY IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF AGRICULTURE AND AGRI-FOOD, CA  
[85] 2000-07-07  
[86] 1999-01-11 (PCT/CA1999/000004)  
[87] (WO1999/034916)  
[30] US (60/071,251) 1998-01-12

---

[11] **2,317,682**  
[13] C

[51] Int.Cl. 7A61G 17/04 7E05B 65/52  
[25] EN  
[54] IMPROVED LOCK MECHANISM  
[54] MECANISME DE SERRURE AMELIORE  
[72] FERGUSON, GORDON A., CA  
[73] FERGUSON, GORDON A., CA  
[22] 2000-09-06  
[30] US (09/565,745) 2000-05-08

---

[11] **2,319,950**  
[13] C

[51] Int.Cl. 7A01K 85/00  
[25] EN  
[54] DIRECTIONALLY CONTROLLABLE FISHING LURE  
[54] LEURRE DE PECHE A DIRECTION CONTROLEE  
[72] JOHNSTON, JON C., US  
[72] SHAFFER, THOMAS J., US  
[73] JOHNSTON, JON C., US  
[73] SHAFFER, THOMAS J., US  
[22] 2000-09-20  
[30] US (60/155,056) 1999-09-21

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[11] **2,321,617**  
[13] C

[51] Int.Cl. 7B61D 17/00  
[25] EN  
[54] COLD CONNECTION  
[54] RACCORD A FROID  
[72] WALDECK, KLAUS-DIETER, CH  
[72] STREIFF, SAMUEL, CH  
[73] ALCAN TECHNOLOGY & MANAGEMENT AG, CH  
[22] 2000-10-02  
[30] EP (99810905.2) 1999-10-05

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[11] **2,323,012**  
[13] C

[51] Int.Cl. 7A47L 9/24  
[25] EN  
[54] TELESCOPIC EXTENSION FOR AN ELECTRIC HOUSEHOLD APPLIANCE  
[54] EXTENSION TELESCOPIQUE POUR APPAREIL ELECTROMENAGER  
[72] CANALE, GIUSEPPE, IT  
[73] OMEC S.P.A., IT  
[22] 2000-10-10  
[30] EP (99830636.9) 1999-10-11

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Brevets canadiens délivrés  
7 décembre 2004

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[11] 2,323,540

[13] C

[51] Int.Cl. 6A61B 17/04 6A61B 1/005  
6A61B 17/064 6A61B 17/12 6H04N 7/18  
[25] EN  
[54] ENDOSCOPIC SUTURE SYSTEMS  
[54] SYSTEMES DE SUTURE  
ENDOSCOPIQUES  
[72] GELLMAN, BARRY N., US  
[72] SATER, GHALEB, US  
[72] MCBRAYER, MICHAEL SEAN, US  
[72] KORTENBACH, JUERGEN A., US  
[73] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2000-09-13  
[86] 1999-03-19 (PCT/US1999/006085)  
[87] (WO1999/047050)  
[30] US (60/078,916) 1998-03-20

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[11] 2,324,032

[13] C

[51] Int.Cl. 7A47F 13/00  
[25] EN  
[54] APPARATUS FOR  
SAFEGUARDING A MERCHANDISE  
ITEM AGAINST THEFT  
[54] APPAREILLAGE POUR  
PROTEGER DES MARCHANDISES  
CONTRE LE VOL  
[72] OTT, REINHOLD, CA  
[73] OTT, REINHOLD, CA  
[22] 2000-10-20  
[30] DE (199 51 019.9) 1999-10-22  
[30] DE (199 51 020.2) 1999-10-22

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[11] 2,324,727

[13] C

[51] Int.Cl. 7H04Q 7/36  
[25] EN  
[54] TRANSMISSION POWER  
CONTROL METHOD AND SYSTEM  
[54] METHODE ET SYSTEME DE  
COMMANDE DE PUISSANCE  
D'EMISSION  
[72] FURUKAWA, HIROSHI, JP  
[73] NEC CORPORATION, JP  
[22] 2000-10-30  
[30] JP (353418/1999) 1999-12-13

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[11] 2,326,061

[13] C

[51] Int.Cl. 7G01R 31/00 7G01R 31/02  
[25] EN  
[54] APPARATUS AND METHOD FOR  
INLINE TESTING OF ELECTRICAL  
COMPONENTS  
[54] APPAREIL ET METHODE D'ESSAI  
EN LIGNE DE COMPOSANTS  
ELECTRIQUES  
[72] MARTS, BRIAN S., US  
[72] MAILLOUX, JAMES J., US  
[73] TRW INC., US  
[22] 2000-11-15  
[30] US (09/470,714) 1999-12-22

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[11] 2,328,787

[13] C

[51] Int.Cl. 7G02B 6/12 7G02B 6/122  
[25] EN  
[54] INTEGRATED OPTICS CHIP  
HAVING REDUCED SURFACE WAVE  
PROPAGATION  
[54] MICROCIRCUIT D'OPTIQUE  
INTEGRE AYANT UNE PROPAGATION  
REDUITE DES ONDES DE SURFACE  
[72] MARTINEZ, ARTHUR R., US  
[72] FLAHERTY, THOMAS, US  
[72] GAMPP, LORRIE L., US  
[72] ZIMMERMAN, GREGORY, US  
[73] LITTON SYSTEMS, INC., US  
[22] 2000-12-19  
[30] US (09/469,427) 1999-12-23

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[11] 2,328,823

[13] C

[51] Int.Cl. 7B60B 39/00  
[25] EN  
[54] TRACTION DEVICE (THE ARTIC  
CLAW)  
[54] DISPOSITIF DE TRACTION "  
ARTIC CLAW"  
[72] DONSKY, FARLEY STEPHEN, CA  
[73] DONSKY, FARLEY STEPHEN, CA  
[22] 2000-12-19

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[11] 2,331,203

[13] C

[51] Int.Cl. 7H04L 27/38 7H04N 7/015  
7H04N 5/455 7H04N 5/46  
[25] EN  
[54] COMMUNICATION SYSTEM  
[54] SYSTEME DE COMMUNICATION  
[72] OSHIMA, MITSUAKI, JP  
[73] MATSUSHITA ELECTRIC  
INDUSTRIAL CO., LTD., JP  
[22] 1993-03-25  
[62] 2,226,489  
[30] JP (4-67934) 1992-03-26  
[30] JP (4-256070) 1992-09-25

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[11] 2,331,484

[13] C

[51] Int.Cl. 7G07B 17/02  
[25] EN  
[54] TECHNIQUE FOR EFFECTIVELY  
GENERATING POSTAGE INDICIA  
USING A POSTAL SECURITY DEVICE  
[54] TECHNIQUE DE CREATION  
EFFICACE D'UNE EMPREINTE  
D'AFFRANCHISSEMENT A L'AIDE  
D'UN DISPOSITIF DE SECURITE  
POSTAL  
[72] CROWE, ALLEN A., US  
[72] SIMCIK, MARK E., US  
[73] ASCOM HASLER MAILING  
SYSTEMS, INC., US  
[85] 2000-11-09  
[86] 1999-10-15 (PCT/US1999/024204)  
[87] (WO2001/029781)

---

[11] 2,331,974

[13] C

[51] Int.Cl. 7B42F 3/04  
[25] EN  
[54] RING BINDER HAVING  
ACTUATING LEVER WITH CUSHION  
MEMBER  
[54] RELIURE A ANNEAUX MUNIE  
D'UN LEVIER DE MANOEUVRE A  
ELEMENT COUSSINE  
[72] TO, CHUN YUEN, HK  
[73] WORLD WIDE STATIONERY  
MANUFACTURING COMPANY  
LIMITED, HK  
[22] 2001-01-19  
[30] US (09/539,712) 2000-03-31  
[30] US (09/678,094) 2000-10-04

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**Canadian Patents Issued  
December 7, 2004**

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**[11] 2,335,002**  
[13] C

[51] Int.Cl. 6B23K 35/14 6B22F 1/00  
[25] EN  
[54] METHOD FOR ENCAPSULATING SOLDER METAL POWDERS AND SOLDER METAL POWDERS PRODUCED ACCORDING TO THIS METHOD  
[54] PROCEDE POUR L'ENCAPSULAGE DE POUDRE DE METAL DE BRASURE ET POUDRE DE METAL DE BRASURE AINSI OBTENUE  
[72] PROTSCHE, WALTER, DE  
[72] SCHULZE, JURGEN, DE  
[73] PROTSCHE, WALTER, DE  
[73] SCHULZE, JURGEN, DE  
[85] 2000-12-13  
[86] 1999-06-15 (PCT/DE1999/001777)  
[87] (WO1999/065640)  
[30] DE (198 26 756.8) 1998-06-15

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**[11] 2,338,061**  
[13] C

[51] Int.Cl. 7B41C 1/05  
[25] EN  
[54] DEVICE FOR THERMAL ENERGY INJECTION  
[54] APPAREIL D'INJECTION THERMIQUE  
[72] DAUER, HORST, DE  
[72] PECHER, HARALD, DE  
[73] MAN ROLAND DRUCKMASCHINEN AG, DE  
[22] 2001-02-23  
[30] DE (100 08 213.0) 2000-02-23

---

**[11] 2,338,402**  
[13] C

[51] Int.Cl. 7E04D 13/064  
[25] EN  
[54] COMPOSITE GUTTER GUARD  
[54] PROTEGE-GOUTTIERE EN COMPOSITE  
[72] DAVIS, HARRY H., US  
[73] L.B. PLASTICS INC., US  
[22] 2001-02-20  
[30] US (60/197,454) 2000-04-17

---

**[11] 2,338,685**  
[13] C

[51] Int.Cl. 7A01N 43/76 7C07C 309/04  
7C07C 233/07 7C07C 309/28 7C07D 263/58  
[25] EN  
[54] HERBICIDAL PHENOXYPROPIONIC ACID N-ALKYL-N-2-FLUOROPHENYL AMIDE COMPOUNDS  
[54] COMPOSES HERBICIDES A BASE D'AMIDE N-ALKYLE-N-2-FLUOROPHENYLIQUE D'ACIDE PHENOXYPROPIONIQUE  
[72] KIM, JIN SEOG, KR  
[72] CHANG, HAE SUNG, KR  
[72] KIM, DAE WHANG, KR  
[72] KO, YOUNG KWAN, KR  
[72] RYU, JAE WOOK, KR  
[72] WOO, JAE CHUN, KR  
[72] KOO, DONG WAN, KR  
[73] DONGBU HANNONG CHEMICAL CO., LTD., KR  
[85] 2001-01-25  
[86] 1999-07-24 (PCT/KR1999/000401)  
[87] (WO2000/005956)  
[30] KR (1998/30015) 1998-07-25

---

**[11] 2,339,972**  
[13] C

[51] Int.Cl. 6H04B 7/204  
[25] EN  
[54] METHOD AND SYSTEM FOR CONVERSION AND DISTRIBUTION OF INCOMING WIRELESS TELEPHONE SIGNALS USING THE POWER LINE  
[54] METHODE ET SYSTEME POUR CONVERSION ET DISTRIBUTION DE SIGNAUX ENTRANTS DE TELEPHONE SANS FIL AU MOYEN D'UNE LIGNE D'ALIMENTATION  
[72] BULLOCK, SCOTT R., US  
[72] KNAB, JOHN M., US  
[73] PHONEX CORPORATION, US  
[85] 2001-02-08  
[86] 1999-08-10 (PCT/US1999/017947)  
[87] (WO2000/010264)  
[30] US (09/134,468) 1998-08-14

---

**[11] 2,342,261**  
[13] C

[51] Int.Cl. 7B60D 1/42  
[25] EN  
[54] LATERALLY AND LONGITUDINALLY ADJUSTABLE HITCH COUPLING DEVICE  
[54] DISPOSITIF D'ACCOUPLEMENT D'ATTACHE REGLABLE LATERALEMENT ET LONGITUDINALEMENT  
[72] VAN VLEET, ROBERT D., US  
[73] VAN VLEET, ROBERT D., US  
[22] 2001-03-27  
[30] US (09/537,063) 2000-03-28

---

**[11] 2,342,941**  
[13] C

[51] Int.Cl. 7E05C 7/04 7E05B 15/00  
7E05B 17/20  
[25] EN  
[54] SWING ADAPTABLE ASTRAGAL WITH LOCKABLE UNITARY FLUSH BOLT ASSEMBLIES  
[54] ASTRAGALE S'ADAPTANT AU PIVOTEMENT, DOTEE D'ENSEMBLES BOULONS A TETE NOYEE  
[72] PROCTON, BRAD I., US  
[72] MASSEY, VICTOR T., US  
[73] ENDURA PRODUCTS, INC., US  
[85] 2001-03-05  
[86] 2000-07-06 (PCT/US2000/018504)  
[87] (WO2001/004443)  
[30] US (60/142,583) 1999-07-07  
[30] US (09/541,808) 2000-04-03

---

**[11] 2,343,341**  
[13] C

[51] Int.Cl. 7B25B 5/06  
[25] EN  
[54] POWER CLAMPS  
[54] PINCES DE FORCE  
[72] KIRKWOOD, GROSSART PETER SIMPSON, GB  
[73] HMC-BRAUER LIMITED, GB  
[22] 2001-04-09

Brevets canadiens délivrés  
7 décembre 2004

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[11] 2,343,983  
[13] C

[51] Int.Cl. 6A43B 5/00 6A43B 23/00  
6A44B 17/00 6A44B 21/00 6A43C 11/00  
6A44B 1/04 6A63B 21/062 6A63B 21/065  
6A44B 11/25  
[25] EN  
[54] VARIABLE WEIGHT ATHLETIC  
SHOE  
[54] CHAUSSURE DE SPORT A POIDS  
VARIABLE  
[72] SABAT, JACK M., US  
[73] SABAT, JACK M., US  
[85] 2001-03-13  
[86] 1999-10-12 (PCT/US1999/022949)  
[87] (WO2000/021397)  
[30] US (09/170,245) 1998-10-13

---

[11] 2,344,815  
[13] C

[51] Int.Cl. 6H01F 29/14  
[25] EN  
[54] PERMANENT MAGNETIC CORE  
DEVICE  
[54] DISPOSITIF A NOYAU  
MAGNETIQUE PERMANENT  
[72] PIASKOWSKI, ANDREW D., CA  
[72] GLAVAC, VLADIMIR, CA  
[73] MODEX-LITE INC., CA  
[85] 2001-03-20  
[86] 1998-09-29 (PCT/CA1998/000921)  
[87] (WO2000/019458)

---

[11] 2,344,851  
[13] C

[51] Int.Cl. 7B61H 13/02  
[25] EN  
[54] APPARATUS FOR A QUICK  
RELEASE MECHANISM IN A RAILCAR  
HAND BRAKE  
[54] DISPOSITIF POUR MECANISME A  
DEGAGEMENT RAPIDE DE FREIN A  
MAIN D'AUTOMOTRICE  
[72] LABRIOLA, ANGELO M., US  
[72] RING, EVERETT G., US  
[73] WESTINGHOUSE AIR BRAKE  
TECHNOLOGIES CORPORATION, US  
[22] 2001-04-23  
[30] US (09/664,212) 2000-09-18

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[11] 2,346,603  
[13] C

[51] Int.Cl. 7B02C 18/06 7B02C 18/16  
[25] EN  
[54] IMPROVED REDUCING MACHINE  
ROTOR ASSEMBLY AND METHODS  
OF CONSTRUCTING AND OPERATING  
THE SAME  
[54] ASSEMBLAGE ROTOR  
AMELIORE POUR TOUR A REDUIRE,  
ET METHODES DE CONSTRUCTION  
ET D'OPERATION DUDIT ROTOR  
[72] BARDOS, GARY M., US  
[72] RECKER, JEFFREY M., US  
[73] MORBARK, INC., US  
[22] 2001-05-07  
[30] US (60/203,241) 2000-05-08  
[30] US (60/246,862) 2000-11-08

---

[11] 2,347,030  
[13] C

[51] Int.Cl. 7F41H 1/02  
[25] EN  
[54] MULTI-COMPONENT  
LIGHTWEIGHT BALLISTIC  
RESISTANT GARMENT  
[54] VETEMENT DE PROTECTION  
BALISTIQUE DE FAIBLE POIDS, A  
TEXTURE MULTICOMPOSEE  
[72] BACHNER, THOMAS E., JR., US  
[73] SECOND CHANCE BODY ARMOR,  
INC., US  
[85] 2001-04-11  
[86] 1999-10-15 (PCT/US1999/024167)  
[87] (WO2000/025614)  
[30] US (09/174,108) 1998-10-17

---

[11] 2,347,071  
[13] C

[51] Int.Cl. 7H04Q 7/36  
[25] EN  
[54] ADAPTIVE DUTY CYCLE  
MANAGEMENT METHOD AND  
SYSTEM FOR RADIO TRANSMITTERS  
[54] METHODE ET SYSTEME  
ADAPTATIFS DE GESTION DE  
FACTEUR D'UTILISATION POUR  
EMETTEURS RADIO  
[72] PEARL, NORMAN D., CA  
[73] DATARADIO INC., CA  
[22] 2001-05-10

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[11] 2,347,980  
[13] C

[51] Int.Cl. 7F02F 1/00 7C22C 1/05 7C23C  
4/06 7F02F 1/24  
[25] EN  
[54] SURFACE LAYER FORMING A  
CYLINDER BARREL SURFACE, A  
SPRAYING POWDER SUITABLE  
THEREFOR AND A METHOD OF  
CREATING SUCH A SURFACE LAYER  
[54] COUCHE DE SURFACE POUVANT  
ETRE APPLIQUEE DANS UN  
CYLINDRE, POUDRE DE  
PULVERISATION PERMETTANT  
 CETTE APPLICATION ET METHODE  
DE PRODUCTION D'UNE TELLE  
COUCHE DE SURFACE  
[72] BARBEZAT, GERARD, CH  
[73] SULZER METCO AG, CH  
[22] 2001-05-17  
[30] CH (2000 1174/00) 2000-06-14

---

[11] 2,349,641  
[13] C

[51] Int.Cl. 7B65H 26/04  
[25] EN  
[54] METHOD AND APPARATUS FOR  
DETECTING WEB BREAKS  
[54] METHODE ET APPAREILLAGE  
DE DETECTION DE RUPTURE DU  
ROULEAU DE PAPIER  
[72] FELLER, BERNHARD, DE  
[72] PECHER, HARALD, DE  
[72] KERSCH, ROBERT, DE  
[73] MAN ROLAND DRUCKMASCHINEN  
AG, DE  
[22] 2001-06-01  
[30] DE (100 27 442.0) 2000-06-02

---

[11] 2,350,523  
[13] C

[51] Int.Cl. 7B61K 9/12  
[25] EN  
[54] METHOD FOR DETECTING  
DAMAGE IN RAILWAY TRAFFIC  
[54] PROCEDE D'IDENTIFICATION DE  
DOMMAGES CONCERNANT LE  
TRAFC FERROVIAIRE  
[72] WEYAND, JULIUS, DE  
[72] HOSTERMANN, HORST, DE  
[72] BRENNER, AXEL, DE  
[73] ATLAS ELEKTRONIK GMBH, DE  
[85] 2001-05-11  
[86] 1999-10-21 (PCT/EP1999/007977)  
[87] (WO2000/029270)  
[30] DE (198 52 220.7) 1998-11-12

---

**Canadian Patents Issued  
December 7, 2004**

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[11] **2,350,731**  
[13] C

[51] Int.Cl. 7B21D 31/00  
[25] EN  
[54] MOLD CLAMPING APPARATUS AND MOLD CLAMPING METHOD  
[54] APPAREIL ET METHODE DE VERROUILLAGE DE MOULES  
[72] HAENO, TSUTOMU, JP  
[72] HIRAMATSU, KOICHI, JP  
[72] KADOMA, YOSHIAKI, JP  
[72] HONDA, OSAMU, JP  
[72] KAWANO, KAZUYUKI, JP  
[72] MANO, KYOICHI, JP  
[72] SATO, KOUICHI, JP  
[72] HIROSHIGE, ITSURO, JP  
[72] ISHIBASHI, HIROO, JP  
[73] NIPPON STEEL CORPORATION, JP  
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[22] 2001-06-15  
[30] JP (2000-181314) 2000-06-16  
[30] JP (2001-092764) 2001-03-28  
[30] JP (2001-156393) 2001-05-25  
[30] JP (2001-156394) 2001-05-25

---

[11] **2,351,245**  
[13] C

[51] Int.Cl. 7B01D 53/26  
[25] EN  
[54] POTTED TIMER AND CIRCUIT BOARD ASSEMBLY FOR USE IN A REGENERATIVE DESICCANT AIR DRYER  
[54] DISPOSITIF ENROBE DE TEMPORISATEUR ET DE CARTE DE CIRCUITS IMPRIMÉS POUR DESSICATEUR D'AIR A PRODUIT DESHYDRATANT REGÉNERATIF  
[72] MITSCH, MATTHEW D., US  
[72] VARNEY, JAMES, US  
[73] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US  
[22] 2001-06-20  
[30] US (09/736,596) 2000-12-13

---

[11] **2,352,332**  
[13] C

[51] Int.Cl. 7C07H 15/203 7A61K 31/70  
[25] EN  
[54] HYGROMYCIN A DERIVATIVES  
[54] DERIVES D'HYGROMYCINE A  
[72] HAYWARD, MATTHEW MERRILL, US  
[73] PFIZER PRODUCTS INC., US  
[85] 2001-05-23  
[86] 1999-11-09 (PCT/IB1999/001798)  
[87] (WO2000/032616)  
[30] US (60/110,618) 1998-12-02

[11] **2,352,521**  
[13] C

[51] Int.Cl. 7C09K 11/71 7H05B 33/02  
7H01L 49/02  
[25] EN  
[54] PHOSPHOR THIN FILM, PREPARATION METHOD, AND EL PANEL  
[54] COUCHE MINCE FLUORESCENTE, METHODE DE PREPARATION ET PANNEAU EL  
[72] YANO, YOSHIHIKO, JP  
[72] NAGANO, KATSUTO, JP  
[73] TDK CORPORATION, JP  
[22] 2001-07-06  
[30] JP (2000-287489) 2000-09-21

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[11] **2,352,522**  
[13] C

[51] Int.Cl. 7C09K 11/84 7H05B 33/02  
7H01L 49/02  
[25] EN  
[54] PHOSPHOR THIN FILM AND ITS FABRICATION PROCESS AND EL PANEL  
[54] FILM MINCE DE LUMINOPHORE ET METHODE DE FABRICATION DE CE PRODUIT, ET PANNEAU D'AFFICHAGE EL  
[72] YANO, YOSHIHIKO, JP  
[72] OIKE, TOMOYUKI, JP  
[73] TDK CORPORATION, JP  
[22] 2001-07-06  
[30] JP (2000-206652) 2000-07-07  
[30] JP (2000-303719) 2000-10-03  
[30] JP (2001-142024) 2001-05-11

---

[11] **2,353,648**  
[13] C

[51] Int.Cl. 7G01V 3/00 7E21B 43/00  
7G01V 5/00 7E21B 29/02 7G01V 5/04  
[25] EN  
[54] HIGH-POWER WELL LOGGING METHOD AND APPARATUS  
[54] APPAREIL ET PROCEDE DE DIAGRAPHIE DE PUITS A GRANDE PUISSANCE  
[72] DODGE, CARL, US  
[72] VELASQUEZ, FRANCISCO, US  
[72] BAIRD, GARY K., US  
[72] HENDERSON, THOMAS E., US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2001-06-01  
[86] 1999-11-19 (PCT/US1999/027417)  
[87] (WO2000/033108)  
[30] US (60/110,560) 1998-12-02  
[30] US (60/153,163) 1999-09-09  
[30] US (09/437,594) 1999-11-10

[11] **2,354,149**  
[13] C

[51] Int.Cl. 6H04M 3/00  
[25] EN  
[54] TELEPHONY SECURITY SYSTEM  
[54] SYSTEME DE SECURITE TELEPHONIQUE  
[72] BEEBE, TODD, US  
[72] HEILMANN, CRAIG, US  
[73] SECURELOGIX CORPORATION, US  
[85] 2001-06-08  
[86] 1999-09-23 (PCT/US1999/022183)  
[87] (WO2000/035172)  
[30] US (09/210,347) 1998-12-11

---

[11] **2,355,553**  
[13] C

[51] Int.Cl. 7H04N 9/68  
[25] EN  
[54] VIDEO SIGNAL PROCESSING APPARATUS  
[54] APPAREIL DE TRAITEMENT DE SIGNAUX VIDEO  
[72] ITANI, TETSUYA, JP  
[72] KURODA, KEIICHI, JP  
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 2001-08-17  
[30] JP (2000-272811) 2000-09-08

---

[11] **2,356,111**  
[13] C

[51] Int.Cl. 7H04Q 7/38 7H04B 7/26  
[25] EN  
[54] SIGNALLING METHOD AND TELECOMMUNICATION SYSTEM  
[54] PROCEDE DE SIGNALISATION ET SYSTEME DE TELECOMMUNICATION  
[72] NIEMELA, KARI, FI  
[73] NOKIA NETWORKS OY, FI  
[85] 2001-06-18  
[86] 1999-12-21 (PCT/FI1999/001065)  
[87] (WO2000/038354)  
[30] FI (982779) 1998-12-22

Brevets canadiens délivrés  
7 décembre 2004

[11] 2,357,296  
[13] C

[51] Int.Cl. 7B41M 5/26 7B41N 1/12 7B41J  
2/315  
[25] EN  
[54] THERMAL TRANSFER FILM  
COMPRISING A REACTIVE POLYMER  
COMPOSITION FOR LASER-INDUCED  
COATING  
[54] PELLICULE DE TRANSFERT  
THERMIQUE COMPRENANT UNE  
COMPOSITION POLYMÈRE  
REACTIVE POUR LE REVETEMENT  
PAR LASER  
[72] HARTMAN, THOMAS, DE  
[72] FUCHS, ANDREA, DE  
[72] SCHNEIDER, JOSEF, DE  
[73] MAN ROLAND DRUCKMASCHINEN  
AG, DE  
[22] 2001-09-13  
[30] DE (100 45 774.6) 2000-09-15

[11] 2,357,915  
[13] C

[51] Int.Cl. 7B01J 2/06 7B01F 17/00 7B01J  
2/00 7C08J 3/02  
[25] EN  
[54] METHOD OF MANUFACTURING  
LIQUID MEDIUM CONTAINING  
COMPOSITE ULTRAFINE PARTICLES  
AND APPARATUS THEREOF  
[54] METHODE DE PRODUCTION  
D'UN MILIEU LIQUIDE RENFERMANT  
DES PARTICULES COMPOSITES  
ULTRAFINES ET APPAREIL A CET  
EFFET  
[72] KAGAWA, SEIJI, JP  
[73] KAGAWA, SEIJI, JP  
[22] 2001-09-27  
[30] JP (2000-301141) 2000-09-29

[11] 2,358,044  
[13] C

[51] Int.Cl. 7H04M 1/60 7H04B 3/20  
7H04R 1/32  
[25] EN  
[54] METHOD FOR HANDLING FAR-  
END SPEECH EFFECTS IN HANDS-  
FREE TELEPHONY SYSTEMS ON  
ACOUSTIC BEAMFORMING  
[54] METHODE DE TRAITEMENT DES  
EFFETS VOCAUX A L'EXTREMITE  
DISTANTE DANS DES SYSTEMES DE  
TELEPHONIE MAINS-LIBRES  
RELATIVEMENT A LA FORMATION  
DE FAISCEAUX  
[72] BEAUCOUP, FRANCK, CA  
[73] MITEL KNOWLEDGE  
CORPORATION, CA  
[22] 2001-10-03  
[30] GB (0024582.9) 2000-10-06

[11] 2,358,373  
[13] C

[51] Int.Cl. 7H01J 49/02 7H01J 49/26  
[25] EN  
[54] HELIUM DROPLET MASS  
SPECTROMETRY (HDMS)  
[54] SPECTROMETRIE DE MASSE A  
GOUTTELETTES D'HELIUM (SMGH)  
[72] BEMISH, RAYMOND JOHN, US  
[73] PFIZER PRODUCTS INC., US  
[22] 2001-10-09  
[30] US (60/239,512) 2000-10-11

[11] 2,358,656  
[13] C

[51] Int.Cl. 7B22C 9/10 7B61F 5/52  
[25] EN  
[54] METHOD OF MAKING  
SIDEFRAMES FOR RAILWAY CAR  
TRUCKS  
[54] PROCEDE DE FABRICATION DE  
LONGERONS DE BOGIES POUR  
BOGGIES DE CHEMIN DE FER  
[72] BAUER, ANTHONY J., US  
[72] HANSON, EDWARD R., US  
[72] PARRISH, DELBERT E., US  
[72] MOEHLING, CHARLES, US  
[72] EVERE, RONALD R., US  
[72] TOUSSAINT, BRIAN A., US  
[72] LANE, DONALD J., US  
[72] CALLAHAN, THOMAS R., US  
[73] AMSTED INDUSTRIES  
INCORPORATED, US  
[22] 1998-01-05  
[62] 2,223,575  
[30] US (08/780,546) 1997-01-08

[11] 2,358,127  
[13] C

[51] Int.Cl. 7H04Q 3/52  
[25] EN  
[54] LARGE NXN OPTICAL SWITCH  
USING BINARY TREES  
[54] LARGE COMMUTATEUR  
OPTIQUE NXN UTILISANT DES  
ARBRES BINAIRES  
[72] DRAGONE, CORRADO, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 2001-10-02  
[30] US (09/687,346) 2000-10-13

[11] 2,358,128  
[13] C

[51] Int.Cl. 7G02B 26/08 7H04Q 3/52  
[25] EN  
[54] SWITCHING SYSTEM WITH  
MEMS MODIFICATION OF A SIGNAL  
WAVEFRONT  
[54] SYSTEME DE COMMUTATION  
AVEC MODIFICATION DES  
SYSTEMES MECANIQUES  
MICROELECTRIQUES D'UN FRONT  
D'ONDE DE SIGNAUX  
[72] RESSL, MICHAEL G., US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 2001-10-02  
[30] US (09/686,330) 2000-10-11

[11] 2,363,710  
[13] C

[51] Int.Cl. 7E21B 41/00  
[25] EN  
[54] SPOOL FOR PRESSURE  
CONTAINMENT USED IN RIGLESS  
WELL COMPLETION, RE-  
COMPLETION, SERVICING OR  
WORKOVER  
[54] RACCORD A BRIDES POUR  
CONFINEMENT DE LA PRESSION  
UTILISE DANS LES TRAVAUX DE  
CONDITIONNEMENT, DE  
RECONDITIONNEMENT, D'  
ENTRETIEN OU DE REPRISE DE PUITS  
SANS TOUR DE FORAGE  
[72] DALLAS, L. MURRAY, US  
[73] DALLAS, L. MURRAY, US  
[22] 2001-11-23

**Canadian Patents Issued  
December 7, 2004**

---

[11] **2,368,497**  
[13] C

[51] Int.Cl. 7H01P 1/203  
[25] EN  
[54] LOW-PASS FILTER  
[54] FILTRE PASSE-BAS  
[72] NAKAGURO, HIROMASA, JP  
[72] OHWADA, TETSU, JP  
[72] YONEDA, NAOFUMI, JP  
[72] MIYAZAKI, MORIYASU, JP  
[72] KITAO, SHIROH, JP  
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[85] 2001-09-19  
[86] 2001-01-24 (PCT/JP2001/000454)  
[87] (WO2001/057948)  
[30] JP (2000-21694) 2000-01-31

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[11] **2,368,864**  
[13] C

[51] Int.Cl. 7F16L 33/00  
[25] EN  
[54] DEVICE AND METHOD FOR COUPLING A RIGID PIPE TO A FLEXIBLE HOSE  
[54] DISPOSITIF ET PROCEDE DE RACCORDEMENT D'UNE CONDUITE RIGIDE ET D'UN tuyau FLEXIBLE  
[72] YATES, STEVEN E., US  
[72] MATT, WALTER J., US  
[72] LOGAN, DAN T., US  
[72] MOREHOUSE, WALLACE B., US  
[73] DWWS, LLC, US  
[85] 2001-09-26  
[86] 2000-05-11 (PCT/US2000/012881)  
[87] (WO2000/070259)  
[30] US (09/311,090) 1999-05-13

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[11] **2,370,160**  
[13] C

[51] Int.Cl. 7C22C 21/06  
[25] EN  
[54] EXFOLIATION RESISTANT ALUMINIUM-MAGNESIUM ALLOY  
[54] ALLIAGE ALUMINIUM-MAGNESIUM RESISTANT AU DECOLLEMENT  
[72] HASZLER, ALFRED JOHANN PETER, DE  
[72] SAMPATH, DESIKAN, NL  
[73] CORUS ALUMINIUM WALZPRODUKTE GMBH, DE  
[85] 2001-11-01  
[86] 2000-05-04 (PCT/EP2000/004410)  
[87] (WO2000/066800)  
[30] EP (99201391.2) 1999-05-04

---

[11] **2,373,573**  
[13] C

[51] Int.Cl. 7A63B 55/06  
[25] EN  
[54] GOLF BAG HAVING A LONGITUDINAL STAY AND A RETAINER CLIP THEREFOR  
[54] SAC DE GOLF A BALEINE LONGITUDINALE ET BAGUE DE MAINTIEN CONNEXE  
[72] KELLER, GARY E., US  
[73] KARSTEN MANUFACTURING CORPORATION, US  
[22] 2002-02-19  
[30] US (09/836,424) 2001-04-17

---

[11] **2,374,111**  
[13] C

[51] Int.Cl. 7A01B 23/02  
[25] EN  
[54] MINIMUM TILLAGE RIPPER POINT WITH FIN  
[54] POINTE DE DEFONCEUSE AVEC AILETTE POUR DEFORMATION MINIMALE DU SOL  
[72] MYERS, BRIAN E., US  
[72] STEINLAGE, DAVID LEE, US  
[73] DEERE & COMPANY, US  
[22] 2002-03-01  
[30] US (09/828,529) 2001-04-06

---

[11] **2,378,259**  
[13] C

[51] Int.Cl. 7B29C 45/40 7B29C 45/17  
[25] EN  
[54] STRIPPER PLATE ASSEMBLY FOR AN INJECTION MOLD WITH CORE LOCK WEDGES  
[54] ENSEMBLE DE PLAQUES DE DEMOULAGE POUR MOULE A PREFORME AVEC CALES DE BLOCAGE DE NOYAU  
[72] RICK, ROBERT, CA  
[73] STACKTECK SYSTEMS LIMITED, CA  
[22] 2002-03-22  
[30] US (09/828,852) 2001-04-10

---

[11] **2,381,449**  
[13] C

[51] Int.Cl. 7E02B 11/00  
[25] EN  
[54] RESERVOIR DRAINAGE SYSTEM  
[54] SYSTEME DE VIDANGE DE RESERVOIR  
[72] GAMACHE, JEAN-CLAUDE, CA  
[73] GAMACHE, JEAN-CLAUDE, CA  
[22] 2002-04-23  
[30] US (09/839,490) 2001-04-23

---

[11] **2,382,262**  
[13] C

[51] Int.Cl. 7A23L 1/30 7C11C 3/00 7C07J 9/00 7A61K 31/575 7C07C 69/66  
[25] EN  
[54] A NUTRITIONAL SUPPLEMENT FOR LOWERING SERUM TRIGLYCERIDE AND CHOLESTEROL LEVELS  
[54] SUPPLEMENT NUTRITIONNEL DESTINE A ABAISSER LE TAUX DE CHOLESTEROL ET DE TRIGLYCERIDES SERIQUES  
[72] WRIGHT, JEFFREY L. C., US  
[72] KRALOVEC, JAROSLAV A., CA  
[73] OCEAN NUTRITION CANADA LTD., CA  
[85] 2002-02-18  
[86] 2000-08-30 (PCT/CA2000/001011)  
[87] (WO2001/015552)  
[30] US (09/385,834) 1999-08-30

---

[11] **2,382,364**  
[13] C

[51] Int.Cl. 7B01J 6/00 7A61N 5/06  
[25] EN  
[54] FAR-INFRARED RAY RADIATOR AND METHOD FOR MANUFACTURING THE SAME  
[54] RADIATEUR A RAYONNEMENT INFRAROUGE LOINTAIN ET METHODE POUR LE FABRIQUER  
[72] SON, SANG-HO, KR  
[73] SON, SANG-HO, KR  
[22] 2002-04-18

**Brevets canadiens délivrés**  
**7 décembre 2004**

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[11] <b>2,385,914</b> [13] C
[51] Int.Cl. 7H04L 7/10 7H04Q 7/22 7H04B 7/26 7H04Q 7/36
[25] EN
<b>[54] SYNCHRONIZATION METHOD AND APPARATUS</b>
<b>[54] PROCEDE ET DISPOSITIF DE SYNCHRONISATION</b>
[72] RASANEN, JUHA, FI
[73] NOKIA CORPORATION, FI
[85] 2002-03-26
[86] 1999-10-11 (PCT/EP1999/007596)
[87] (WO2001/028131)

---

[11] <b>2,386,756</b> [13] C
[51] Int.Cl. 7B24D 3/00 7B24D 11/00 7B24D 18/00 7B24D 7/14
[25] EN
<b>[54] IMPROVED COATED ABRASIVE DISCS</b>
<b>[54] DISQUES ABRASIFS REVETUS AMELIORES</b>
[72] GUISELIN, OLIVIER LEON-MARIE FERNAND, US
[73] SAINT-GOBAIN ABRASIVES, INC., US
[85] 2002-04-05
[86] 2000-10-11 (PCT/US2000/028036)
[87] (WO2001/032364)
[30] US (09/433,439) 1999-11-04

---

[11] <b>2,387,645</b> [13] C
[51] Int.Cl. 7H01S 3/081 7H01S 3/094 7H01S 3/30
[25] EN
<b>[54] MULTIPLE WAVELENGTH OPTICAL SOURCES</b>
<b>[54] SOURCES OPTIQUES A LONGUEURS D'ONDES MULTIPLES</b>
[72] DOMINIC, VINCENT, US
[72] WAARTS, ROBERT, US
[72] SCIFRES, DONALD, US
[72] PEZESHKI, BARDIA, US
[72] VAIL, EDWARD, US
[72] ZIARI, MEHRDAD, US
[72] GILTNER, DAVID, US
[72] MACCORMACK, STUART, US
[73] JDS UNIPHASE CORPORATION, US
[85] 2002-04-15
[86] 2000-10-25 (PCT/US2000/029493)
[87] (WO2001/033285)
[30] US (09/430,394) 1999-10-29

[11] <b>2,388,154</b> [13] C
[51] Int.Cl. 7A47L 9/16
[25] EN
<b>[54] GRILL ASSEMBLY OF CYCLONE DUST COLLECTING APPARATUS FOR VACUUM CLEANER</b>
<b>[54] GRILLE DE DEPOUSSIEREUR A CYCLONE POUR ASPIRATEUR</b>
[72] OH, JANG-KEUN, KR
[73] SAMSUNG GWANGJU ELECTRONICS CO., LTD., KR
[22] 2002-05-29
[30] KR (2001-43285) 2001-07-19

---

[11] <b>2,388,930</b> [13] C
[51] Int.Cl. 7H02K 21/14
[25] EN
<b>[54] POLYPHASE TRANSVERSE FLUX MOTOR</b>
<b>[54] MOTEUR A FLUX TRANSVERSAL POLYPHASE</b>
[72] GIANNI, CHRISTIAN JOHN WADE, NZ
[72] BOYD, JOHN H., JR., US
[73] FISHER & PAYKEL APPLIANCES LIMITED, NZ
[85] 2002-04-24
[86] 2000-10-25 (PCT/NZ2000/000209)
[87] (WO2001/031766)
[30] NZ (500679) 1999-10-26
[30] NZ (501077) 1999-11-12

---

[11] <b>2,390,940</b> [13] C
[51] Int.Cl. 7B60F 3/00
[25] EN
<b>[54] AMPHIBIOUS VEHICLE</b>
<b>[54] VEHICULE AMPHIBIE</b>
[72] HANEY, HARRY, US
[73] HANEY, HARRY, US
[22] 2002-06-19
[30] US (10/075,666) 2002-02-15

---

[11] <b>2,391,792</b> [13] C
[51] Int.Cl. 7G06F 13/16 7G06F 9/46
[25] EN
<b>[54] SRAM CONTROLLER FOR PARALLEL PROCESSOR ARCHITECTURE</b>
<b>[54] CONTROLEUR POUR MEMOIRE STATIQUE (SRAM) DESTINEE A UNE ARCHITECTURE DE TRAITEMENT PARALLELE</b>
[72] WHEELER, WILLIAM, US
[72] REDFIELD, JAMES, US
[72] WOLRICH, GILBERT, US
[72] CUTTER, DANIEL, US
[72] ADILETTA, MATTHEW J., US
[73] INTEL CORPORATION, US
[85] 2002-02-26
[86] 2000-08-17 (PCT/US2000/022653)
[87] (WO2001/016769)
[30] US (09/387,110) 1999-08-31

---

[11] <b>2,394,318</b> [13] C
[51] Int.Cl. 7H01M 4/48 7H01M 10/40
[25] EN
<b>[54] LITHIUM-BASED ELECTROCHEMICALLY ACTIVE MATERIALS AND PREPARATION THEREOF</b>
<b>[54] MATERIAUX ELECTROCHIMIQUEMENT ACTIFS A BASE DE LITHIUM ET PREPARATION DE CEUX-CI</b>
[72] SAIDI, M. YAZID, US
[72] BARKER, JEREMY, GB
[73] VALENCE TECHNOLOGY, INC., US
[85] 2002-06-13
[86] 2000-12-22 (PCT/US2000/035302)
[87] (WO2001/054212)
[30] US (09/484,799) 2000-01-18

---

[11] <b>2,397,853</b> [13] C
[51] Int.Cl. 7B60P 1/16
[25] EN
<b>[54] DUAL ACTING TRUCK HOIST</b>
<b>[54] TREUIL DE CAMION DOUBLE EFFET</b>
[72] JONES, ELDON D., US
[73] JONES, ELDON D., US
[22] 2002-08-12
[30] US (09/981,717) 2001-10-19

**Canadian Patents Issued**  
**December 7, 2004**

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[11] **2,397,855**  
[13] C

[51] Int.Cl. 7B62B 7/08  
[25] EN  
[54] FOLDABLE STROLLER  
[54] POUSETTE REPLIABLE  
[72] LAN, RED, XX  
[73] LAN, RED, XX  
[22] 2002-08-13  
[30] GB (0123345.1) 2001-09-27

---

[11] **2,411,149**  
[13] C

[51] Int.Cl. 7B29C 47/08  
[25] EN  
[54] ENERGY EFFICIENT EXTRUDER DRIVE  
[54] SYSTEME D'ENTRAINEMENT ECOENERGETIQUE POUR EXTRUDEUSE  
[72] SCHAD, ROBERT D., CA  
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA  
[85] 2002-12-11  
[86] 2001-05-18 (PCT/CA2001/000709)  
[87] (WO2002/004193)  
[30] US (09/610,814) 2000-07-06

---

[11] **2,416,479**  
[13] C

[51] Int.Cl. 7B63H 7/02 7F16H 1/00  
7B63H 23/06  
[25] EN  
[54] COUNTER-ROTATING TRANSMISSION  
[54] TRANSMISSION CONTRAROTATIVE  
[72] EAKIN, ROBERT C., US  
[73] EAKIN, ROBERT C., US  
[73] EAKIN, STEVEN G., US  
[22] 2003-01-15  
[30] US (10/047,864) 2002-01-16

---

[11] **2,427,149**  
[13] C

[51] Int.Cl. 7G07F 7/00 7H04L 12/16  
7G06F 17/60  
[25] EN  
[54] METHOD TO ACTIVATE A VENDING MACHINE  
[54] PROCEDE D'ACTIONNEMENT DE DISTRIBUTEUR AUTOMATIQUE  
[72] GARRATT, SCOTT EDWARD JAMES, CA  
[73] GARRATT, SCOTT EDWARD JAMES, CA  
[85] 2003-04-28  
[86] 2002-08-09 (PCT/CA2002/001236)  
[87] (WO2003/014858)  
[30] CA (2,354,896) 2001-08-09

---

[11] **2,452,164**  
[13] C

[51] Int.Cl. 7H04H 9/00  
[25] EN  
[54] UNIVERSAL BROADCAST CODE AND MULTI-LEVEL ENCODED SIGNAL MONITORING SYSTEM  
[54] CODE DE RADIODIFFUSION UNIVERSEL ET SYSTEME DE CONTROLE DE SIGNAL CODE MULTINIVEAU  
[72] THOMAS, WILLIAM L., US  
[72] KEMPTER, PAUL C., US  
[73] NIELSEN MEDIA RESEARCH, INC., US  
[22] 1993-09-14  
[62] 2,106,143  
[30] US (07/981,199) 1992-11-25

---

[11] **2,430,997**  
[13] C

[51] Int.Cl. 7B26B 21/40  
[25] EN  
[54] RAZOR CARTRIDGE WITH METAL CLIP RETAINING BLADES  
[54] CARTOUCHE DE RASOIR COMPRENANT DES BAGUES DE RETENUE METALLIQUES POUR LES LAMES  
[72] ANDERSON, KATHERINE ELIZABETH, US  
[72] APPRILLE, DOMENIC VINCENT JR., US  
[73] THE GILLETTE COMPANY, US  
[22] 1998-09-24  
[62] 2,301,868  
[30] US (08/941,328) 1997-09-30

---

[11] **2,437,407**  
[13] C

[51] Int.Cl. 7H01R 13/627 7H01R 13/621  
[25] EN  
[54] QUICK RELEASE SPRING CONNECTOR FOR COMPUTER CABLE  
[54] CONNECTEUR A RESSORT A RELACHEMENT RAPIDE POUR CABLES INFORMATIQUES  
[72] LORD, CHARLES, US  
[73] MOBILITY ELECTRONICS, INC., US  
[85] 2003-08-14  
[86] 2001-06-04 (PCT/US2001/018030)  
[87] (WO2001/095436)  
[30] US (09/587,614) 2000-06-05

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# Canadian Applications Open to Public Inspection

November 14, 2004 to November 20, 2004

## Demandes canadiennes mises à la disponibilité du public

14 novembre 2004 au 20 novembre 2004

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[21] 2,426,513  
[13] A1

[51] Int.Cl. 7H01M 10/00  
[25] EN  
[54] POWER BATTERY  
[54] BATTERIE D'ALIMENTATION  
[72] HARTY, KARL, CA  
[71] HARTY, KARL, CA  
[22] 2003-05-20  
[41] 2004-11-20

---

[21] 2,427,880  
[13] A1

[51] Int.Cl. 7A45C 1/06 7A45C 1/08  
[25] EN  
[54] WRIS PAC  
[54] DISPOSITIF « WRIS PAC »  
[72] IYOHO, EMMANUEL S., CA  
[71] IYOHO, EMMANUEL S., CA  
[22] 2003-05-20  
[41] 2004-11-20

---

[21] 2,428,375  
[13] A1

[51] Int.Cl. 7G06F 17/40 7G08C 17/00  
7G01D 9/00 7G06F 19/00 7G01V 15/00  
7B65D 79/02 7G08B 1/08  
[25] EN  
[54] MAGCAM (MAGNETIC CAMERA)  
[54] MAGCAM (CAMERA  
MAGNETIQUE)  
[72] TREMBLAY, SYLVAIN S. T., CA  
[72] THIBERT, MARIO M. T., CA  
[71] TREMBLAY, SYLVAIN S. T., CA  
[71] THIBERT, MARIO M. T., CA  
[22] 2003-05-15  
[41] 2004-11-15

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[21] 2,428,549  
[13] A1

[51] Int.Cl. 7E04H 12/00 7E21B 7/00  
7E02D 7/00 7E04H 12/22  
[25] EN  
[54] METHOD OF INSTALLING POLES  
IN A ROCK SURFACE  
[54] METHODE D'INSTALLATION DE  
POTEAUX DANS UN SOL ROCHEUX  
[72] ELLIOTT, BRUCE LAWRENCE, CA  
[71] RESIN SYSTEMS INC., CA  
[22] 2003-05-14  
[41] 2004-11-14

---

[21] 2,428,564  
[13] A1

[51] Int.Cl. 7A61K 31/352 7A61K 45/00  
7A61K 31/33  
[25] EN  
[54] PHARMACEUTICAL  
COMPOSITION FOR TREATMENT OF  
INFECTION WITH DRUG RESISTANT  
BACTERIUM AND DISINFECTANT  
[54] COMPOSITION  
PHARMACEUTIQUE POUR LE  
TRAITEMENT D'INFECTIONS  
CONTENANT UNE BACTERIE  
RESISTANT AUX MEDICAMENTS ET  
DESINFECTANT CONNEXE  
[72] NAKADA, TAKAYUKI, JP  
[72] SHIBATA, HIROFUMI, JP  
[72] SATO, YOICHI, JP  
[72] HIGUCHI, TOMIHIKO, JP  
[71] ALPS PHARMACEUTICAL IND.,  
CO., LTD., JP  
[71] HIGUCHI, TOMIHIKO, JP  
[22] 2003-05-14  
[41] 2004-11-14

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[21] 2,428,623  
[13] A1

[51] Int.Cl. 7B60R 25/00 7G07C 5/00  
7G08C 17/00 7G08G 1/127  
[25] EN  
[54] MAGCAM (MAGNETIC CAMERA)  
[54] MAGCAM (CAMERA  
MAGNETIQUE)  
[72] THIBERT, MARIO M. T., CA  
[72] TREMBLAY, SYLVAIN S. T., CA  
[71] THIBERT, MARIO M. T., CA  
[71] TREMBLAY, SYLVAIN S. T., CA  
[22] 2003-05-15  
[41] 2004-11-15

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[21] 2,428,659  
[13] A1

[51] Int.Cl. 7B67C 11/00  
[25] FR  
[54] ENTONNOIR A ANGLE FIXE  
[54] FIXED-ANGLE FUNNEL  
[72] BELANGER, JEAN-PAUL, CA  
[71] BELANGER, JEAN-PAUL, CA  
[22] 2003-05-15  
[41] 2004-11-15

---

[21] 2,428,677  
[13] A1

[51] Int.Cl. 7C02F 1/24 7B01F 17/00  
[25] EN  
[54] A METHOD OF INDUCED FROTH  
(FOAM) FORMATION PROCESS AND  
NATURAL PURIFICATION  
[54] METHODE DE PRODUCTION  
D'ECUME (DE MOUSSE) INDUIITE ET  
DE PURIFICATION NATURELLE  
[72] ANATOLIY, FISENKO, CA  
[71] ANATOLIY, FISENKO, CA  
[22] 2003-05-15  
[41] 2004-11-15

---

# Canadian Applications Open to Public Inspection

November 14, 2004 to November 20, 2004

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[21] 2,428,703

[13] A1

[51] Int.Cl. 7A61K 31/7048 7A23K 1/00  
7A61P 31/12 7A23K 1/17 7A61K 31/42  
7A61K 31/52  
[25] EN  
[54] METHOD FOR INCREASING THE SURVIVAL OF AQUATIC AND OTHER ANIMALS EXPOSED TO AN AQUATIC VIRUS, BIRNAVIRUS OR OTHER RNA VIRUS AND COMPOSITIONS FOR SUCH METHODS

[54] METHODE PERMETTANT D'ACCROITRE LES CHANCES DE SURVIE D'ANIMAUX AQUATIQUES ET D'AUTRES ANIMAUX EXPOSÉS À UN VIRUS AQUATIQUE, AU BIRNAVIRUS OU À D'AUTRES VIRUS À ARN, ET COMPOSITIONS CONNEXES POUR MÉTHODES DE CE TYPE  
[72] SANDINO GARCIA, ANA MARIA, CL  
[72] MLYNARZ, ZYLBERBERG,  
GERALDINE, CL  
[71] SANDINO GARCIA, ANA MARIA, CL  
[71] MLYNARZ, ZYLBERBERG,  
GERALDINE, CL  
[22] 2003-05-14  
[41] 2004-11-14

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[21] 2,428,737

[13] A1

[51] Int.Cl. 7H04Q 7/32 7G06K 11/06  
[25] EN  
[54] MOBILE DEVICE WITH ROTATABLE KEYBOARD  
[54] DISPOSITIF MOBILE A CLAVIER ROTATIF  
[72] MOI, ZANE K., CA  
[72] GRIFFIN, JASON T., CA  
[72] FYKE, STEVEN H., CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2003-05-14  
[41] 2004-11-14

---

[21] 2,428,758

[13] A1

[51] Int.Cl. 7D06P 1/64  
[25] EN  
[54] COMPOSITION FOR DYEING MATERIAL OF SYNTHETIC AROMATIC POLYAMIDE FIBERS COMPRISING A CATIONIC DYE  
[54] COMPOSITION DE TEINTURE POUR FIBRES SYNTHÉTIQUES DE POLYAMIDE AROMATIQUE, COMPRENANT UN COLORANT CATIONIQUE  
[72] GUTHRIE, DARRIN MCBANE, US  
[72] GREESON, HAROLD KENNETH JR., US  
[72] HAITH, MALCOLM S., US  
[71] STOCKHAUSEN GMBH & CO. KG, DE  
[22] 2003-05-15  
[41] 2004-11-15

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[21] 2,428,762

[13] A1

[51] Int.Cl. 7B01D 41/00 7C10M 175/00  
[25] EN  
[54] MATERIAL RECOVERY SYSTEM AND METHOD FOR USED OIL FILTER AND OIL CONTAMINATED MATERIALS  
[54] SYSTEME ET METHODE DE RECUPERATION DE MATERIAUX POUR FILTRES À HUILE USAGES ET MATERIAUX CONTAMINÉS À L'HUILE  
[72] MCRAE, HARRELL J., US  
[71] MCRAE, HARRELL J., US  
[22] 2003-05-14  
[41] 2004-11-14

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[21] 2,428,807

[13] A1

[51] Int.Cl. 7F21V 21/04 7F21S 8/02  
[25] EN  
[54] RECESSED LIGHT FIXTURE  
[54] APPAREIL D'ECLAIRAGE ENCASTRÉ  
[72] BENGOZOI, SIMON-VICTOR, CA  
[71] BAZZ INC., CA  
[22] 2003-05-15  
[41] 2004-11-15

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[21] 2,428,810

[13] A1

[51] Int.Cl. 7G01V 15/00 7H04B 1/59  
[25] EN  
[54] AN RFID TAG  
[54] ETIQUETTE D'IDENTIFICATION PAR RADIOFRÉQUENCE  
[72] TURNER, CHRISTOPHER GORDON GERVASE, GB  
[71] BTG INTERNATIONAL LTD., GB  
[22] 2003-05-15  
[41] 2004-11-15

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[21] 2,428,813

[13] A1

[51] Int.Cl. 7F04B 9/14  
[25] EN  
[54] COLLAPSIBLE HANDLE DEVICE FOR INFLATOR  
[54] POIGNEE REPLIABLE POUR DISPOSITIF DE GONFLAGE  
[72] HUANG, CHUN-MING, XX  
[72] HUANG, YING-CHE, XX  
[71] HUANG, CHUN-MING, XX  
[71] HUANG, YING-CHE, XX  
[22] 2003-05-15  
[41] 2004-11-15

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[21] 2,428,818

[13] A1

[51] Int.Cl. 7F04B 9/14  
[25] EN  
[54] DUAL-DIRECTION PUMP  
[54] POMPE BIDIRECTIONNELLE  
[72] HUANG, YING-CHE, XX  
[72] HUANG, CHUN-MING, XX  
[71] HUANG, YING-CHE, XX  
[71] HUANG, CHUN-MING, XX  
[22] 2003-05-15  
[41] 2004-11-15

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**Demandes canadiennes mises à la disponibilité du public**  
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[21] 2,428,821
[13] A1
[51] Int.Cl. 7G06F 13/14 7G06F 13/20
[25] EN
[54] ACCESSING A PLATFORM INDEPENDENT INPUT METHOD EDITOR FROM AN UNDERLYING OPERATING SYSTEM
[54] ACCES A UN EDITEUR DE METHODE D'ENTREE INDEPENDANT DE LA PLATE-FORME A PARTIR D'UN SYSTEME D'EXPLOITATION SOUS-JACENT
[72] ATKIN, STEVEN E., US
[72] SOOR, BALDEV S., US
[72] BENEDEK, LASZLO C., CA
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
[22] 2003-05-15
[41] 2004-11-15

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[21] 2,428,853
[13] A1
[51] Int.Cl. 7G06F 17/00 7G06F 7/02
[25] EN
[54] PLOTTING NUMERICAL DATA
[54] REPRESENTATION GRAPHIQUE DE DONNEES NUMERIQUES
[72] MCKNIGHT, DAVID K., CA
[72] TURNHAM, JEFFREY C., CA
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
[22] 2003-05-15
[41] 2004-11-15

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[21] 2,428,856
[13] A1
[51] Int.Cl. 7A01K 1/01
[25] EN
[54] ANIMAL LITTER BOX
[54] BOITE A LITIERE POUR ANIMAUX
[72] MAGUIRE, SARA B., US
[71] MAGUIRE, SARA B., US
[22] 2003-05-16
[41] 2004-11-16

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[21] 2,428,861
[13] A1
[51] Int.Cl. 7F25B 49/02
[25] EN
[54] METHOD FOR CONTROLLING EVAPORATION TEMPERATURE IN A MULTI-EVaporATOR REFRIGERATION SYSTEM
[54] METHODE DE CONTROLE DE LA TEMPERATURE D'EVAPORATION DANS UN SYSTEME DE REFRIGERATION A EVAPORATEURS MULTIPLES
[72] DUBE, SERGE, CA
[71] DUBE, SERGE, CA
[22] 2003-05-16
[41] 2004-11-16

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[21] 2,428,871
[13] A1
[51] Int.Cl. 7B60S 9/02 7B60S 9/10
[25] EN
[54] TRAILER DECK ELEVATOR AND TRACTOR/TRAILER TRANSPORTATION METHOD
[54] ELEVATEUR DE PLATE-FORME DE SEMI-REMORQUE ET METHODE DE TRANSPORT DE TRACTEUR/SEMI-REMORQUE
[72] HILL, MARK, CA
[71] HILL, MARK, CA
[22] 2003-05-16
[41] 2004-11-16

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[21] 2,428,862
[13] A1
[51] Int.Cl. 7B65D 50/02
[25] EN
[54] CHILD RESISTANT AND SENIOR FRIENDLY CONTAINER
[54] CONTENANT A L'EPREUVE DES ENFANTS ET ADAPTE AUX BESOINS DES AINES
[72] INTINI, THOMAS D., CA
[71] INTINI, THOMAS D., CA
[22] 2003-05-16
[41] 2004-11-16

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[21] 2,428,889
[13] A1
[51] Int.Cl. 7F23G 7/06 7F17D 3/00
[25] EN
[54] METHOD OF DISPOSING OF VENTED GAS FROM PUMPS DRIVEN FROM UNPROCESSED NATURAL GAS
[54] METHODE D'EVACUATION DE GAZ VENTILE PROVENANT DE POMPES ENTRAINEES PAR GAZ NATUREL BRUT
[72] BLYTHE, GLEN THOMAS, CA
[71] RESOURCE MANUFACTURING LTD., CA
[22] 2003-05-14
[41] 2004-11-14

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[21] 2,428,867
[13] A1
[51] Int.Cl. 7B62K 21/26
[25] EN
[54] WRAP AROUND HANDLEBAR GRIP ASSEMBLY
[54] POIGNEE DE GUIDON ENVELOPPANTE
[72] LIST, JEREMY, CA
[71] LIST, JEREMY, CA
[22] 2003-05-16
[41] 2004-11-16

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[21] 2,428,891
[13] A1
[51] Int.Cl. 7B60P 7/15
[25] EN
[54] TARPAULIN ROD SECURING DEVICE
[54] DISPOSITIF DE FIXATION DE TIGE DE BACHE
[72] ROYER, REAL, CA
[71] ROYER, REAL, CA
[22] 2003-05-16
[41] 2004-11-16

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[21] 2,428,892
[13] A1
[51] Int.Cl. 7A61M 16/00
[25] EN
[54] VERY HIGH FREQUENCY OSCILLATORY VENTILATOR
[54] VENTILATEUR OSCILLANT A TRES HAUTE FREQUENCE
[72] VOLGYESI, GEORGE A., CA
[71] VOLGYESI, GEORGE A., CA
[22] 2003-05-16
[41] 2004-11-16

---

**Canadian Applications Open to Public Inspection**  
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[21] **2,428,895**  
 [13] A1  
 [51] Int.Cl. 7E05B 1/00 7E05B 9/04 7B25G  
 1/10  
 [25] EN  
**HANDLE WITH ANGLED ACTUATOR**  
**[54] POIGNEE A ACTIONNEUR ANGULAIRE**  
 [72] STEFFEN, DANE, US  
 [71] AMESBURY GROUP, INC., US  
 [22] 2003-05-16  
 [41] 2004-11-16

---

[21] **2,428,897**  
 [13] A1  
 [51] Int.Cl. 7A63F 3/00 7A63F 7/06  
 [25] EN  
**FOOTBALL BOARD GAME**  
**[54] JEU DE FOOTBALL DE TABLE**  
 [72] CARREIRO, AURELIO B., CA  
 [71] CARREIRO, AURELIO B., CA  
 [22] 2003-05-16  
 [41] 2004-11-16

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[21] **2,428,914**  
 [13] A1  
 [51] Int.Cl. 7A01B 69/00 7A01C 7/00  
 [25] EN  
**PLANTING APPARATUS AND METHOD**  
**[54] DISPOSITIF ET METHODE DE PLANTATION**  
 [72] GABRIEL, ROBERT, US  
 [71] GABRIEL, ROBERT, US  
 [22] 2003-05-16  
 [41] 2004-11-15  
 [30] US (10/439,844) 2003-05-15

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[21] **2,428,922**  
 [13] A1  
 [51] Int.Cl. 7C23C 14/14 7A61L 24/02  
 7A61L 27/04 7C09D 5/14 7A61L 15/18  
 [25] EN  
**PROCESSES FOR PRODUCTION OF ARTICLES COATED WITH OXIDIZED SILVER SPECIES USED AS ANTIMICROBIAL MATERIALS FOR MEDICAL DEVICES**  
**[54] METHODES DE PRODUCTION D'ARTICLES, REVETUS DE COMPOSES D'ARGENT OXYDE, EMPLOYES COMME MATERIAUX ANTIMICROBIENS DANS DES INSTRUMENTS MEDICAUX**  
 [72] PRECHT, RODERICK JOHN, CA  
 [72] DJOKIC, STOJAN, CA  
 [71] EXCITON TECHNOLOGIES INC., CA  
 [22] 2003-05-16  
 [41] 2004-11-16

---

[21] **2,428,927**  
 [13] A1  
 [51] Int.Cl. 7A63C 5/03 7A63C 9/00  
**7A63C 5/06**  
 [25] EN  
**RETRACTABLE GUIDE MEANS FOR A SNOWBOARD**  
**[54] MOYEN DE GUIDAGE ESCAMOTABLE POUR PLANCHE A NEIGE**  
 [72] LAFOND, LUC, CA  
 [71] LAFOND, LUC, CA  
 [22] 2003-05-20  
 [41] 2004-11-20

---

[21] **2,428,941**  
 [13] A1  
 [51] Int.Cl. 7G05D 16/00 7A61M 1/00  
**7G01L 7/02 7G05D 16/06**  
 [25] EN  
**SUCTION REGULATOR AND FLUID DRAINAGE SYSTEM**  
**[54] REGULATEUR D'ASPIRATION ET SYSTEME DE DRAINAGE DE FLUIDES**  
 [72] D'ANTONIO, NICHOLAS F., US  
 [71] D'ANTONIO CONSULTANTS INTERNATIONAL, INC., US  
 [22] 2003-05-14  
 [41] 2004-11-14

---

[21] **2,428,947**  
 [13] A1  
 [51] Int.Cl. 7G06F 3/033  
 [25] EN  
**COMPUTER MOUSE**  
**[54] SOURIS D'ORDINATEUR**  
 [72] MOLOO, IMITIAZ, CA  
 [71] E3 WORKS INTERNATIONAL INC., BB  
 [22] 2003-05-14  
 [41] 2004-11-14

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[21] **2,428,991**  
 [13] A1  
 [51] Int.Cl. 7A46B 17/02  
 [25] EN  
**AUTOBRUSH**  
**[54] DISPOSITIF « AUTOBRUSH »**  
 [72] THIRUVALLUVAR, CHELIYAN, CA  
 [71] THIRUVALLUVAR, CHELIYAN, CA  
 [22] 2003-05-20  
 [41] 2004-11-20

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[21] **2,428,995**  
 [13] A1  
 [51] Int.Cl. 7C10C 3/02 7B01D 17/038  
**7B01J 27/10 7B01J 27/128 7B01J 27/138**  
**7B01J 19/18**  
 [25] EN  
**SEPARATION OF ASPHALTENES FROM BITUMEN AND HEAVY OILS USING A METAL SALT CATALYST**  
**[54] SEPARATION D'ASPHALTENES PRESENTS DANS LE BITUME ET LES HUILES LOURDES A L'AIDE D'UN CATALYSEUR DE SEL METALLIQUE**  
 [72] OZUM, BAKI, CA  
 [72] MOSCHOPEDIS, SPEROS E., CA  
 [72] SPEIGHT, JAMES G., US  
 [71] OZUM, BAKI, CA  
 [71] MOSCHOPEDIS, SPEROS E., CA  
 [71] SPEIGHT, JAMES G., US  
 [22] 2003-05-16  
 [41] 2004-11-16

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[21] **2,429,003**  
 [13] A1  
 [51] Int.Cl. 7A01B 1/02 7B25G 1/00  
**7E01H 5/02**  
 [25] EN  
**EXTENSIBLE GRIP STAND-UP SHOVEL**  
**[54] PELLE VERTICALE A POIGNEE TELESCOPIQUE**  
 [72] STUART, THOMAS I., CA  
 [71] STUART, THOMAS I., CA  
 [22] 2003-05-20  
 [41] 2004-11-20

---

**Demandes canadiennes mises à la disponibilité du public**  
**14 novembre 2004 au 20 novembre 2004**

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[21] **2,429,053**  
 [13] A1  
 [51] Int.Cl. 7F16G 11/00 7A44B 21/00  
 [25] EN  
**[54] ADJUSTABLE ELASTIC TIE-DOWN CORD**  
**[54] CORDON D'ARRIMAGE ELASTIQUE REGLABLE**  
 [72] LIBECO, DENIS E., US  
 [71] LIBECO, DENIS E., US  
 [22] 2003-05-20  
 [41] 2004-11-20

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[21] **2,429,055**  
 [13] A1  
 [51] Int.Cl. 7B27C 1/08 7B27L 11/00  
**7B27C 1/12**  
 [25] EN  
**[54] TRANSPORTABLE CANTING MILL**  
**[54] TOURNE-BILLE POUR DEBIT EN PLATEAUX TRANSPORTABLE**  
 [72] BLACKBURN, BRAD, CA  
 [71] BLACKBURN, BRAD, CA  
 [22] 2003-05-16  
 [41] 2004-11-16

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[21] **2,429,063**  
 [13] A1  
 [51] Int.Cl. 7G01N 1/44 7G01N 33/20  
**7G01N 21/25 7G01N 21/63**  
 [25] EN  
**[54] APPARATUS AND METHOD FOR IN SITU. REAL TIME MEASUREMENTS OF PROPERTIES OF LIQUIDS**  
**[54] DISPOSITIF ET METHODE DE MESURE SUR PLACE EN TEMPS REEL DES PROPRIETES DES LIQUIDES**  
 [72] WEISBERG, AREL, US  
 [72] DE SARO, ROBERT, US  
 [71] ENERGY RESEARCH COMPANY, US  
 [22] 2003-05-20  
 [41] 2004-11-20

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[21] **2,429,088**  
 [13] A1  
 [51] Int.Cl. 7F25D 23/12  
 [25] EN  
**[54] REFRIGERATOR WITH INTERNAL WATER DISPENSER**  
**[54] REFRIGERATEUR AVEC DISTRIBUTEUR D'EAU INTERNE**  
 [72] OTT, LESTER J., US  
 [72] SCHUCHART, RYAN D., US  
 [71] MAYTAG CORPORATION, US  
 [22] 2003-05-20  
 [41] 2004-11-20

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[21] **2,429,095**  
 [13] A1  
 [51] Int.Cl. 7G06F 17/30 7G06F 19/00  
 [25] EN  
**[54] SYSTEM AND METHOD OF DATA MODELLING**  
**[54] SYSTEME ET METHODE DE MODELISATION DE DONNEES**  
 [72] DACHEVSKI, BORIS, CA  
 [72] POTTER, CHARLES M., CA  
 [72] VIERICH, RALF, CA  
 [71] COGNOS INCORPORATED, CA  
 [22] 2003-05-16  
 [41] 2004-11-16

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[21] **2,429,105**  
 [13] A1  
 [51] Int.Cl. 7A01K 89/01  
 [25] EN  
**[54] FISHING SPINNING REEL**  
**[54] MOULINET A LANCER LEGER POUR LA PECHE**  
 [72] HONG, EUGENE, XX  
 [71] HONG, EUGENE, XX  
 [22] 2003-05-16  
 [41] 2004-11-16

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[21] **2,429,110**  
 [13] A1  
 [51] Int.Cl. 7B65D 50/00 7B65D 55/02  
**7B65D 83/04**  
 [25] EN  
**[54] CHILD RESISTANT DISPENSER**  
**[54] DISTRIBUTEUR A L'EPREUVE DES ENFANTS**  
 [72] INTINI, THOMAS D., CA  
 [71] INTINI, THOMAS D., CA  
 [22] 2003-05-16  
 [41] 2004-11-16

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[21] **2,429,112**  
 [13] A1  
 [51] Int.Cl. 7H04L 9/28  
 [25] EN  
**[54] A METHOD OF AND SYSTEM FOR PRECLUDING A COPYRIGHTED WORK FROM BEING PLAYED IN AN UNAUTHORIZED MANNER**  
**[54] METHODE ET SYSTEME DE PREVENTION DE REPRODUCTION NON AUTORISEE D'UNE OEUVRE PROTEGEE**  
 [72] KERBER, THOMAS, CA  
 [71] KERBER, THOMAS, CA  
 [22] 2003-05-20  
 [41] 2004-11-20

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[21] **2,429,153**  
 [13] A1  
 [51] Int.Cl. 7B43K 5/16 7B43K 24/00  
 [25] EN  
**[54] AUTO-RETRACTABLE PEN MECHANISM WITH A CUSHION EFFECT**  
**[54] MECANISME DE STYLO AUTO-RETRACTABLE A EFFET D'AMORTISSEMENT**  
 [72] SUNATORI, GO SIMON, CA  
 [71] SUNATORI, GO SIMON, CA  
 [22] 2003-05-17  
 [41] 2004-11-17

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[21] **2,429,157**  
 [13] A1  
 [51] Int.Cl. 7B43K 23/00  
 [25] EN  
**[54] MAGNETICALLY ATTACHED WEARABLE PEN**  
**[54] STYLO PORTABLE A FIXATION MAGNETIQUE**  
 [72] SUNATORI, GO SIMON, CA  
 [71] SUNATORI, GO SIMON, CA  
 [22] 2003-05-17  
 [41] 2004-11-17

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[21] **2,429,188**  
 [13] A1  
 [51] Int.Cl. 7F03G 7/06  
 [25] EN  
**[54] FLUCTUATING TEMPERATURE BASED POWER GENERATOR**  
**[54] GENERATEUR D'ELECTRICITE UTILISANT LES VARIATIONS DE TEMPERATURE**  
 [72] LACASSE, SACHA E.S., CA  
 [71] LACASSE, SACHA E.S., CA  
 [22] 2003-05-16  
 [41] 2004-11-16

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[21] **2,429,194**  
 [13] A1  
 [51] Int.Cl. 7A47K 3/00 7A47K 17/00  
 [25] FR  
**[54] CABARET DE BAIN PARTIEL POUR PERSONNE A MOBILITE REDUITE**  
**[54] PARTIAL BATH TRAY FOR PERSONS WITH REDUCED MOBILITY**  
 [72] BASTIEN, CELINE, CA  
 [72] BOURRE, ROLAND, CA  
 [71] BASTIEN, CELINE, CA  
 [71] BOURRE, ROLAND, CA  
 [22] 2003-05-16  
 [41] 2004-11-16

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**Canadian Applications Open to Public Inspection**  
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[21] **2,429,204**  
 [13] A1

[51] Int.Cl. 7B63H 11/04  
 [25] EN  
**[54] PROPULSION SYSTEM OF A SHIP, BY EJECTION OF WATER WITH A PUMP**  
**[54] SYSTEME DE PROPULSION DE NAVIRE PAR EJECTION D'EAU A L'AIDE D'UNE POMPE**  
 [72] POHANKA, MIKULAS, CA  
 [71] POHANKA, MIKULAS, CA  
 [22] 2003-05-16  
 [41] 2004-11-16

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[21] **2,429,211**  
 [13] A1

[51] Int.Cl. 7F02B 75/00 7F01B 29/00  
 7F02B 55/00 7F01C 1/00  
 [25] FR  
**[54] MACHINES MOTRICES RETRO MECANIQUES, POST MECANIQUES ET BI MECANIQUES**  
**[54] RETRO MECHANICAL, POST MECHANICAL AND BI MECHANICAL DRIVE MACHINES**  
 [72] BEAUDOIN, NORMAND, CA  
 [71] BEAUDOIN, NORMAND, CA  
 [22] 2003-05-16  
 [41] 2004-11-16

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[21] **2,429,213**  
 [13] A1

[51] Int.Cl. 7B62D 55/24  
 [25] EN  
**[54] NESTABLE GUIDE LUG FOR A TRACTION BAND**  
**[54] TENON-GUIDE EMBOITABLE POUR BANDE DE TRACTION**  
 [72] DELISLE, MARC, CA  
 [71] SOUCY INTERNATIONAL INC., CA  
 [22] 2003-05-20  
 [41] 2004-11-19  
 [30] US (10/440,146) 2003-05-19

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[21] **2,429,222**  
 [13] A1

[51] Int.Cl. 7A23L 1/052  
 [25] FR  
**[54] PROCEDE DE FABRICATION D'UN GEL D'HUILE(S) VEGETALE(S) AYANT UNE TEXTURE STABILISEE**  
**[54] PROCESS FOR THE MANUFACTURE OF A VEGETABLE OIL GEL HAVING A STABLE TEXTURE**  
 [72] DUBANCHET, ANDRE, FR  
 [72] JOLICOEUR, MICHEL SR., CA  
 [71] VEGELIP INC., CA  
 [22] 2003-05-15  
 [41] 2004-11-15

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[21] **2,429,227**  
 [13] A1

[51] Int.Cl. 7B62D 55/24  
 [25] EN  
**[54] ANGLED TRACTION LUGS FOR ENDLESS BAND**  
**[54] TENONS DE TRACTION INCLINES POUR BANDE SANS FIN**  
 [72] DELAND, ANDRE, CA  
 [72] DELISLE, MARC, CA  
 [71] SOUCY INTERNATIONAL INC., CA  
 [22] 2003-05-20  
 [41] 2004-11-19  
 [30] US (10/440,155) 2003-05-19

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[21] **2,429,244**  
 [13] A1

[51] Int.Cl. 7B02C 13/04 7B02C 18/40  
 [25] FR  
**[54] BROYEUR DE REDUCTION DE MATIERES ORGANIQUES**  
**[54] REDUCTION GRINDER FOR ORGANIC MATERIAL**  
 [72] MALTAIS, HECTOR JR., CA  
 [72] HOULE, ERIC, CA  
 [71] PREMIER TECH 2000 LTEE, CA  
 [22] 2003-05-16  
 [41] 2004-11-16

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[21] **2,429,248**  
 [13] A1

[51] Int.Cl. 7G07B 17/02 7G01B 11/04  
 7G06F 17/60  
 [25] EN  
**[54] A BILLING SYSTEM AND METHOD FOR DETERMINING TRANSPORTATION CHARGES FOR PACKAGES**  
**[54] SYSTEME ET METHODE DE FACTURATION POUR DETERMINER LES FRAIS D'EXPEDITION DE COLIS**  
 [72] TEAL, TODD, CA  
 [72] COOPER, GORDON C., CA  
 [71] GLOBAL SENSOR SYSTEMS INC., CA  
 [22] 2003-05-20  
 [41] 2004-11-20

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[21] **2,429,251**  
 [13] A1

[51] Int.Cl. 7B42D 1/02 7G09B 1/00 7B65D 85/00  
 [25] FR  
**[54] LIVRE D'HISTOIRE PERSONNALISE**  
**[54] CUSTOMIZED STORY BOOK**  
 [72] PARADIS, SARA, CA  
 [72] SCOTT, KEN, CA  
 [72] MCHUGH, MANON, CA  
 [72] LEVESQUE, GUY, CA  
 [71] MON PETIT HEROS, CA  
 [22] 2003-05-16  
 [41] 2004-11-16

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[21] **2,429,443**  
 [13] A1

[51] Int.Cl. 7G01K 1/16 7G01K 13/00  
 7A61B 5/01 7G01K 11/12 7G08B 21/18  
 [25] EN  
**[54] BRACELET THERMOMETER**  
**[54] THERMOMETRE-BRACELET**  
 [72] YEUNG, VINCENT W. S., CA  
 [71] YEUNG, VINCENT W. S., CA  
 [22] 2003-05-20  
 [41] 2004-11-20

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[21] **2,429,449**  
 [13] A1

[51] Int.Cl. 7F24F 13/28  
 [25] EN  
**[54] THE BUG BARRIER**  
**[54] BARRIERE ANTI-INSECTES**  
 [72] KELLY, WENDY, CA  
 [71] KELLY, WENDY, CA  
 [22] 2003-05-20  
 [41] 2004-11-20

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**Demandes canadiennes mises à la disponibilité du public**  
**14 novembre 2004 au 20 novembre 2004**

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[21] **2,429,772**  
 [13] A1

[51] Int.Cl. 7B60K 15/07 7B60R 9/04  
 7F17C 13/08 7B60P 7/135  
 [25] EN  
 [54] SELF-ALIGNING MOUNTING  
 BRACKET AND SYSTEM FOR  
 MOUNTING A VEHICLE ROOF  
 [54] SUPPORT ET SYSTEME DE  
 FIXATION AUTO-ALIGNES POUR  
 INSTALLATION DE TOIT DE  
 VEHICULE  
 [72] STRASSER, DANIEL G., CA  
 [71] DYNETEK INDUSTRIES LTD., CA  
 [22] 2003-05-16  
 [41] 2004-11-16

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[21] **2,429,864**  
 [13] A1

[51] Int.Cl. 7G08B 3/00  
 [25] EN  
 [54] FIND IT PAD  
 [54] DISPOSITIF « FIND IT PAD »  
 [72] SALMON, SUSANNE, CA  
 [71] SALMON, SUSANNE, CA  
 [22] 2003-05-20  
 [41] 2004-11-20

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[21] **2,430,620**  
 [13] A1

[51] Int.Cl. 7G06F 1/16  
 [25] EN  
 [54] THE COMPUTER SCREEN COVER  
 [54] COUVERCLE D'ECRAN  
 D'ORDINATEUR  
 [72] WILSON-GOMEZ, GLORIA, CA  
 [71] WILSON-GOMEZ, GLORIA, CA  
 [22] 2003-05-14  
 [41] 2004-11-14

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[21] **2,431,791**  
 [13] A1

[51] Int.Cl. 7B65F 1/00  
 [25] EN  
 [54] THE RECYCLE BIN  
 MANAGEMENT SYSTEM  
 [54] SYSTEME DE GESTION DE BAC  
 DE RECYCLAGE  
 [72] LIFCHIS, PAUL TOBIN, CA  
 [71] LIFCHIS, PAUL TOBIN, CA  
 [22] 2003-05-14  
 [41] 2004-11-14

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[21] **2,432,051**  
 [13] A1

[51] Int.Cl. 7H01R 24/02 7H01R 9/05  
 7H01R 13/658  
 [25] EN  
 [54] RADIO FREQUENCY COAXIAL  
 CONNECTOR  
 [54] CONNECTEUR COAXIAL  
 RADIOFRÉQUENCE  
 [72] CHEN, PARRY, TW  
 [71] CHEN, PARRY, TW  
 [22] 2003-06-12  
 [41] 2004-11-16  
 [30] TW (092113386) 2003-05-16

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[21] **2,435,459**  
 [13] A1

[51] Int.Cl. 7B63B 35/73  
 [25] EN  
 [54] VARIABLE AQUATIC FLOATING  
 KIT FOR LEISURE AND SPORTS  
 [54] NECESSAIRE DE FLOTTAISON  
 AQUATIQUE POLYVALENT POUR  
 LOISIRS ET SPORTS  
 [72] LU, CHIN-MIN, XX  
 [72] LEE, JUN-XING, XX  
 [72] LEE, LAI-CHUNG, XX  
 [71] HI-MARK INTERNATIONAL  
 DESIGN INC., XX  
 [22] 2003-07-17  
 [41] 2004-11-14  
 [30] TW (092208818) 2003-05-14

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[21] **2,436,365**  
 [13] A1

[51] Int.Cl. 7F25B 41/00 7F25B 39/04  
 [25] EN  
 [54] MULTI-INJECTION  
 CONDENSATION FOR  
 REFRIGERATION SYSTEMS AND  
 METHOD  
 [54] CONDENSATION MULTI-  
 INJECTION POUR SYSTEMES  
 FRIGORIFIQUES, ET METHODE  
 [72] DUBE, SERGE, CA  
 [71] DUBE, SERGE, CA  
 [22] 2003-08-04  
 [41] 2004-11-16  
 [30] US (10/439,231) 2003-05-16

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[21] **2,437,325**  
 [13] A1

[51] Int.Cl. 7A62B 17/00 7A41D 3/00  
 7A41D 13/00  
 [25] EN  
 [54] PROTECTIVE, TORSO-COVERING  
 GARMENT, AS FOR FIREFIGHTER OR  
 EMERGENCY WORKER, IN WHICH  
 SELECTED PORTION IS HEAT  
 REFLECTIVE  
 [54] VETEMENT PROTEGEANT LE  
 TORSE D'UN POMPIER OU D'UN  
 TRAVAILLEUR EN SITUATION  
 D'URGENCE, AVEC PARTIE  
 REFLECHISSANTE  
 [72] GRILLIOT, MARY I., US  
 [72] GRILLIOT, WILLIAM L., US  
 [72] LEWIS, PATRICIA, US  
 [71] MORNING PRIDE  
 MANUFACTURING, L.L.C., US  
 [22] 2003-08-11  
 [41] 2004-11-14  
 [30] US (10/437,599) 2003-05-14

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[21] **2,437,336**  
 [13] A1

[51] Int.Cl. 7H05K 7/02 7H05K 7/06  
 7H01R 12/14  
 [25] EN  
 [54] A SURFACE MOUNTED  
 ELECTRICAL COMPONENT  
 [54] ELEMENT ELECTRIQUE MONTE  
 EN SAILLIE  
 [72] XU, PIE REN, CA  
 [71] WECO ELECTRICAL CONNECTORS  
 INC., CA  
 [22] 2003-08-13  
 [41] 2004-11-14  
 [30] US (10/437,022) 2003-05-14

---

[21] **2,440,541**  
 [13] A1

[51] Int.Cl. 7B32B 7/04 7B29C 65/00  
 7B32B 31/18  
 [25] EN  
 [54] LAMINATE SHEET SEAMING  
 SYSTEM  
 [54] SYSTEME DE SERTISSAGE DE  
 FEUILLES LAMELLEES  
 [72] VANCLEAVE, ARNOLD A., US  
 [71] VANCLEAVE, ARNOLD A., US  
 [22] 2003-09-11  
 [41] 2004-11-19  
 [30] US (10/441,660) 2003-05-19

**Canadian Applications Open to Public Inspection**  
**November 14, 2004 to November 20, 2004**

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[21] **2,450,060**  
 [13] A1  
 [51] Int.Cl. 7A47L 9/16 7A47L 9/00 7A47L  
 9/24  
 [25] EN  
 [54] CYCLONE VACUUM CLEANER  
 [54] ASPIRATEUR CYCLONE  
 [72] JIN, HYOUNG-JONG, KR  
 [72] OH, JANG-KEUN, KR  
 [71] SAMSUNG GWANGJU  
 ELECTRONICS CO., LTD., KR  
 [22] 2003-11-18  
 [41] 2004-11-16  
 [30] KR (2003-31351) 2003-05-16  
 [30] KR (2003-31352) 2003-05-16

---

[21] **2,450,636**  
 [13] A1  
 [51] Int.Cl. 7E06B 3/26  
 [25] EN  
 [54] HUNG WINDOW WITH SNAP-FIT  
 ASSEMBLY  
 [54] FENETRE SUSPENDUE AVEC  
 ENSEMBLE ENCLIQUETABLE  
 [72] SCHMIDT, HELMUT, CA  
 [71] INDUSTRIES COVERS INC., CA  
 [22] 2003-11-25  
 [41] 2004-11-16  
 [30] US (60/470,897) 2003-05-16  
 [30] US (10/616,963) 2003-07-11

---

[21] **2,453,908**  
 [13] A1  
 [51] Int.Cl. 7E05D 3/02 7E05D 5/00 7E05D  
 7/00  
 [25] EN  
 [54] GATE HINGE  
 [54] CHARNIERE POUR BARRIERE  
 [72] SHIRE, PAUL B., CA  
 [71] SHIRE, PAUL B., CA  
 [22] 2003-12-22  
 [41] 2004-11-19  
 [30] US (10/440,249) 2003-05-19

---

[21] **2,454,295**  
 [13] A1  
 [51] Int.Cl. 7H04N 5/00 7H04H 1/00  
 7H04B 7/005  
 [25] EN  
 [54] ON-CHANNEL REPEATING  
 APPARATUS AND METHOD FOR  
 TERRESTRIAL DIGITAL TELEVISION  
 BROADCASTING SERVICE  
 [54] APPAREIL ET METHODE DE  
 REPETITION SUR LE CANAL DE  
 RECEPTION POUR LE SERVICE DE  
 TELEDIFFUSION NUMERIQUE DE  
 TERRE  
 [72] KIM, SEUNG-WON, KR  
 [72] LEE, SOO-IN, KR  
 [72] LEE, YONG-TAE, KR  
 [72] PARK, SUNG-IK, KR  
 [71] ELECTRONICS AND  
 TELECOMMUNICATIONS RESEARCH  
 INSTITUTE, KR  
 [22] 2003-12-29  
 [41] 2004-11-20  
 [30] KR (2003-32007) 2003-05-20

---

[21] **2,454,541**  
 [13] A1  
 [51] Int.Cl. 7F16L 59/14 7F16L 58/14  
 [25] EN  
 [54] CERAMIC COATING PROCESS  
 FOR PRE-INSULATED PIPING  
 [54] REVETEMENT CERAMIQUE  
 POUR TUYAUTERIE PRE-ISOLEE  
 [72] KEYES, THOMAS JOSEPH, US  
 [71] THERMACOR PROCESS, L.P., US  
 [22] 2003-12-30  
 [41] 2004-11-19  
 [30] US (10/440,872) 2003-05-19

---

[21] **2,456,456**  
 [13] A1  
 [51] Int.Cl. 7B21D 17/04  
 [25] EN  
 [54] HOLLOW PROFILE  
 [54] PROFILE CREUX  
 [72] BIRNBAUM, ULRICH, DE  
 [72] UNVERZAGT, STEFAN, DE  
 [72] STEINGRUBER, ADRIAN, DE  
 [71] HILTI AKTIENGESELLSCHAFT, LI  
 [22] 2004-01-29  
 [41] 2004-11-19  
 [30] DE (10322755.5) 2003-05-19

---

[21] **2,456,665**  
 [13] A1  
 [51] Int.Cl. 7B65G 69/06 7B61D 7/32  
 [25] EN  
 [54] VIBRATOR MOUNTING  
 ARRANGEMENT HAVING A  
 REMOVABLE LOCKING MEMBER  
 [54] MONTAGE VIBRANT AVEC  
 ELEMENT DE VERROUILLAGE  
 AMOVIBLE  
 [72] LINDBECK, MICHAEL J., US  
 [71] MARTIN ENGINEERING COMPANY,  
 US  
 [22] 2004-02-03  
 [41] 2004-11-19  
 [30] US (10/441,090) 2003-05-19

---

[21] **2,456,752**  
 [13] A1  
 [51] Int.Cl. 7C07F 9/40 7C10M 137/12  
 [25] EN  
 [54] PROCESS FOR MANUFACTURING  
 ALKYLPHOSPHONATE  
 MONOESTERS  
 [54] METHODE DE PRODUCTION DE  
 MONOESTERS DU TYPE  
 ALKYLPHOSPHONATE  
 [72] OZBALIK, NUBAR, US  
 [72] SHEETS, ROGER M., US  
 [71] ETHYL CORPORATION, US  
 [22] 2004-02-02  
 [41] 2004-11-16  
 [30] US (10/439,751) 2003-05-16

---

[21] **2,458,735**  
 [13] A1  
 [51] Int.Cl. 7H01Q 1/22 7H04Q 7/32  
 [25] EN  
 [54] ANTENNA FOR CELLULAR  
 PHONE  
 [54] ANTENNE POUR TELEPHONE  
 CELULAIRE  
 [72] KIM, YOUN SUNG, KR  
 [72] CHO, KWANG JAE, KR  
 [71] KIM, YOUN SUNG, KR  
 [71] CHO, KWANG JAE, KR  
 [22] 2004-02-25  
 [41] 2004-11-16  
 [30] KR (10-2003-0031332) 2003-05-16  
 [30] KR (10-2003-0085275) 2003-11-27

**Demandes canadiennes mises à la disponibilité du public**  
**14 novembre 2004 au 20 novembre 2004**

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[21] **2,459,250**  
[13] A1

[51] Int.Cl. 7H02G 3/08  
[25] EN  
[54] ELECTRICAL BOX ASSEMBLY  
[54] ENSEMBLE BOITE ELECTRIQUE  
[72] DINH, CONG THANH, US  
[71] THOMAS & BETTS  
INTERNATIONAL, INC., US  
[22] 2004-03-01  
[41] 2004-11-16  
[30] US (10/440,284) 2003-05-16

---

[21] **2,460,272**  
[13] A1

[51] Int.Cl. 7A47B 87/00 7A47B 43/04  
[25] EN  
[54] MODULAR SYSTEM OF CLOSET  
INSIDE PART OR DRESSING ROOM  
COMPLEMENT OF COMBINABLE  
AND ADJUSTABLE DESIGN EASILY  
ASSEMBLED PACKED BY THE USER  
[54] SYSTEME MODULAIRE DE  
PARTIE INTERIEURE DE PLACARD  
OU COMPLEMENT DE VESTIAIRE  
COMBINABLE ET REGLABLE,  
D'INSTALLATION FACILE PAR  
L'UTILISATEUR  
[72] OROZCO, GAVALDON HUMBERTO,  
MX  
[71] OROZCO, GAVALDON HUMBERTO,  
MX  
[22] 2004-03-05  
[41] 2004-11-19  
[30] MX (PA/A/2003/004388) 2003-05-19

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[21] **2,460,289**  
[13] A1

[51] Int.Cl. 7A63B 53/04  
[25] EN  
[54] GOLF CLUB HEAD WITH  
DIAGONALLY REINFORCED  
CONTOURED FRONT WALL  
[54] TETE DE BATON DE GOLF AVEC  
PAROI FRONTALE A CONTOUR  
RENFORCE EN DIAGONALE  
[72] KUBICA, DANIEL J., US  
[72] SANCHEZ, RICHARD R., US  
[71] KARSTEN MANUFACTURING  
CORPORATION, US  
[22] 2004-03-09  
[41] 2004-11-19  
[30] US (10/441,773) 2003-05-19

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[21] **2,460,585**  
[13] A1

[51] Int.Cl. 7C23C 18/42 7C23C 18/18  
[25] EN  
[54] DEPOSITION PRODUCTS,  
COMPOSITE MATERIALS AND  
PROCESSES FOR THE PRODUCTION  
THEREOF  
[54] PRODUITS DE REVETEMENT PAR  
DEPOT, MATERIAUX COMPOSITES  
ET METHODES DE PRODUCTION  
CONNEXES  
[72] DJOKIC, STOJAN, CA  
[71] EXCITON TECHNOLOGIES INC., CA  
[22] 2004-03-10  
[41] 2004-11-16  
[30] CA (2,428,922) 2003-05-16

---

[21] **2,460,614**  
[13] A1

[51] Int.Cl. 7C07C 215/06 7C09D 179/02  
[25] EN  
[54] LOW SURFACE TENSION  
SURFACTANTS BASED ON AMINO  
ALCOHOL AND THEIR USE  
[54] SURFACTIFS A FAIBLE TENSION  
SUPERFICIELLE A BASE D'AMINO-  
ALCOOL ET UTILISATIONS  
CONNEXES  
[72] BLANDA, GAETANO, IT  
[72] EISSMANN, INGRID, DE  
[72] LEHMANN, KATHRIN, DE  
[72] LUETHER, HEIKE, DE  
[72] SILBER, STEFAN, DE  
[72] TOMUSCHAT, PHILIPP, DE  
[71] GOLDSCHMIDT AG, DE  
[22] 2004-03-10  
[41] 2004-11-14  
[30] DE (103 21 536.0) 2003-05-14

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[21] **2,460,703**  
[13] A1

[51] Int.Cl. 7B60P 7/04  
[25] EN  
[54] RETRACTABLE TRUCK  
TARPAULIN SYSTEM  
[54] BACHE ESCAMOTABLE DE  
CAMION  
[72] POYNTZ, PHILIP, CA  
[71] POYNTZ, PHILIP, CA  
[22] 2004-03-10  
[41] 2004-11-16  
[30] US (10/439,236) 2003-05-16

---

[21] **2,462,470**  
[13] A1

[51] Int.Cl. 7H04M 3/42 7H04M 3/436  
[25] EN  
[54] METHOD AND SYSTEM FOR  
PRIORITY BASED TELEPHONE CALL  
SCREENING  
[54] METHODE ET SYSTEME POUR  
TRIER LES APPELS TELEPHONIQUES  
SELON LA PRIORITE  
[72] STEVENS, JOHN CLARKE, US  
[71] COMCAST CABLE HOLDINGS, LLC,  
US  
[22] 2004-03-30  
[41] 2004-11-15  
[30] US (10/439,072) 2003-05-15

---

[21] **2,462,741**  
[13] A1

[51] Int.Cl. 7B65D 81/24 7A61J 1/00  
[25] EN  
[54] DRY LIPOSOMAL PVP-IODINE  
COMPOSITIONS  
[54] COMPOSITIONS LIPOSOMIQUES  
SECHEES DE PVP-IODE  
[72] FLEISCHER, WOLFGANG, DE  
[72] MUEHLAU, SILKE, DE  
[71] EURO-CELTIQUE S.A., LU  
[22] 2004-03-31  
[41] 2004-11-19  
[30] EP (03 011 027.4) 2003-05-19

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[21] **2,463,036**  
[13] A1

[51] Int.Cl. 7A41D 19/015 7B29D 31/00  
7A41D 19/04  
[25] EN  
[54] VIRATION-PROOF GLOVE AND  
PRODUCTION METHOD THEREOF  
[54] GANT ANTI-VIBRATIONS ET  
METHODE DE FABRICATION  
[72] TAIRA, SOUICHIROU, JP  
[72] KASHIHARA, TATSUO, JP  
[71] ATOM CORPORATION, JP  
[22] 2004-03-30  
[41] 2004-11-14  
[30] JP (2003-136140) 2003-05-14

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**Canadian Applications Open to Public Inspection**  
**November 14, 2004 to November 20, 2004**

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[21] **2,463,648**  
 [13] A1

[51] Int.Cl. 7A47C 3/30 7A47C 3/20  
 [25] EN  
**CHAIR HEIGHT ADJUSTMENT MECHANISM**  
 [54] MECANISME DE REGLAGE EN HAUTEUR DE SIEGE  
 [72] HOBB, DAVID LLOYD, CA  
 [72] BRODRECHT, KERRY J., CA  
 [72] MATERN, GERARD J., CA  
 [71] LEGGETT & PLATT LTD., CA  
 [22] 2004-04-07  
 [41] 2004-11-16  
 [30] US (10/439,585) 2003-05-16

[21] **2,464,457**  
 [13] A1

[51] Int.Cl. 7G03G 5/04 7G03G 15/22  
 [25] EN  
**PHOTOSENSITIVE MEMBER HAVING NANO-SIZE FILLER**  
 [54] ELEMENT PHOTOSENSIBLE AVEC UN REMPLISSEUR AYANT DES DIMENSIONS DE L'ORDRE DES NANOMETRES  
 [72] GAGNON, YVAN, CA  
 [72] VONG, CUONG, CA  
 [72] HU, NAN-XING, CA  
 [72] HSIAO, CHENG-KUO, CA  
 [72] GOODBRAND, H. BRUCE, CA  
 [72] HOR, AH-MEE, CA  
 [71] XEROX CORPORATION, US  
 [22] 2004-04-14  
 [41] 2004-11-15  
 [30] US (10/439,065) 2003-05-15

[21] **2,464,570**  
 [13] A1

[51] Int.Cl. 7H05K 7/20 7B23K 9/10  
 [25] EN  
**CIRCUIT BOARD ASSEMBLY FOR WELDING POWER SUPPLY**  
 [54] CARTE DE CIRCUITS POUR ALIMENTATION ELECTRIQUE DE SOUDEUSE  
 [72] BOYCE, MARTIN J., US  
 [71] ILLINOIS TOOL WORKS INC., US  
 [22] 2004-04-15  
 [41] 2004-11-14  
 [30] US (10/249,881) 2003-05-14

[21] **2,464,806**  
 [13] A1

[51] Int.Cl. 7B64C 19/00 7B64C 25/48  
 [25] FR  
**PROCEDE ET DISPOSITIF DE PILOTAGE D'UN AERONEF**  
 [54] PROCESS AND DEVICE FOR PILOTING AN AIRCRAFT  
 [72] VILLAUME, FABRICE, FR  
 [72] DUPREZ, JEAN, FR  
 [71] AIRBUS FRANCE, FR  
 [22] 2004-05-03  
 [41] 2004-11-14  
 [30] FR (03 05764) 2003-05-14

[21] **2,464,980**  
 [13] A1

[51] Int.Cl. 7C02F 3/28 7C02F 11/04  
 [25] EN  
**SLIDE GUIDE ASSEMBLY AND SLIDER KIT FOR FLOATING COVER OF DIGESTER TANK AND ASSOCIATED METHOD**  
 [54] GUIDE-GLISSIERE ET NECESSAIRE A CURSEUR POUR COUVERCLE FLOTTANT DE DIGESTEUR, ET METHODE ASSOCIEE  
 [72] VERA, MIGUEL A., US  
 [72] PRICE, TERRY R., US  
 [72] SEALE, JAMES R., US  
 [71] GL&V MANAGEMENT HUNGARY KFT, HU  
 [22] 2004-04-21  
 [41] 2004-11-19  
 [30] US (10/440,677) 2003-05-19

[21] **2,465,004**  
 [13] A1

[51] Int.Cl. 7A61K 38/36 7A61P 7/04  
 7A61K 47/24 7A61K 38/37 7A61K 47/44  
 [25] EN  
**COMPOSITION**  
 [54] COMPOSITION  
 [72] BARROWCLIFFE, TREVOR, GB  
 [71] NATIONAL INSTITUTE FOR BIOLOGICAL STANDARDS AND CONTROL, GB  
 [22] 2004-04-21  
 [41] 2004-11-19  
 [30] GB (0311465.9) 2003-05-19  
 [30] GB (0318533.7) 2003-08-07

[21] **2,465,174**  
 [13] A1

[51] Int.Cl. 7A61K 31/7004 7A61K 9/08  
 7A61K 9/12 7A61K 9/72  
 [25] EN  
**NASAL ADMINISTRATION OF XYLITOL TO A NON-HUMAN MAMMAL**  
 [54] ADMINISTRATION NASALE DE XYLITOL A DES MAMMIFERES NON HUMAINS  
 [72] JONES, ALONZO H., US  
 [72] BOZEMAN, JERRY J., US  
 [71] JONES, ALONZO H., US  
 [71] BOZEMAN, JERRY J., US  
 [22] 2004-04-23  
 [41] 2004-11-16  
 [30] US (10/439,771) 2003-05-16

[21] **2,465,180**  
 [13] A1

[51] Int.Cl. 7G06F 17/60 7G07F 17/32  
 [25] EN  
**METHOD FOR CORROBORATING A GAMING JACKPOT PAYMENT**  
 [54] METHODE DE CONFIRMATION POUR PAIEMENT DE CAGNOTTE DE JEU  
 [72] IDDINGS, CARA L., US  
 [71] ACRES GAMING INCORPORATED, US  
 [22] 2004-04-26  
 [41] 2004-11-14  
 [30] US (60/470,730) 2003-05-14  
 [30] US (10/723,129) 2003-11-25

[21] **2,465,241**  
 [13] A1

[51] Int.Cl. 7B32B 13/08 7A01K 1/01  
 [25] EN  
**DISCHARGED WASTE PROCESSING MATERIAL FOR ANIMALS**  
 [54] MATERIAU DE TRAITEMENT DE DECHETS POUR BETAIL  
 [72] MOCHIZUKI, SHOTARO, JP  
 [71] MOCHIZUKI, SHOTARO, JP  
 [22] 2004-04-27  
 [41] 2004-11-19  
 [30] JP (2003-140887) 2003-05-19

**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,465,434**  
[13] A1

[51] Int.Cl. 7B23K 37/00  
[25] EN  
[54] WELDING DEVICE HAVING MULTIPLE PROTECTIVE COVERS AND CONNECTION PATHS  
[54] SOUDEUSE AVEC COUVERCLES DE PROTECTION ET CHEMINS DE CONNEXIONS MULTIPLES  
[72] RADTKE, DAVID E., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2004-04-27  
[41] 2004-11-16  
[30] US (10/249,909) 2003-05-16

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[21] **2,465,440**  
[13] A1

[51] Int.Cl. 7A23L 1/216 7A23L 1/214  
7A23L 3/3463  
[25] EN  
[54] STABILIZATION OF COOKED AND FULLY HYDRATED POTATO COMPOSITIONS  
[54] STABILISATION DE COMPOSITIONS DE POMMES DE TERRE CUITES ET ENTIEREMENT HYDRATEES  
[72] BEGG, PETER, US  
[72] BROSE, CECILY E., US  
[72] PASCH, JOHN H., US  
[72] ZHENG, ZUOXING, US  
[72] ALLEN, CHARLOTTE L., US  
[72] ROMAN, MICHAEL G., US  
[72] WISLER, JOHN R., US  
[72] GERULIS, SUSAN M., US  
[72] JACKSON, LINDA K., US  
[72] BROOKS, SCOTT D., US  
[71] KRAFT FOODS HOLDINGS, INC., US  
[22] 2004-04-27  
[41] 2004-11-16  
[30] US (10/439,815) 2003-05-16

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[21] **2,465,448**  
[13] A1

[51] Int.Cl. 7H01L 23/48 7H05K 13/04  
[25] EN  
[54] PACKAGE MODIFICATION FOR CHANNEL-ROUTED CIRCUIT BOARDS  
[54] ENSEMBLE DE MODIFICATION POUR CARTES IMPRIMEES A ROUTAGE PAR CANAUX  
[72] DIFILIPPO, LUIGI G., CA  
[72] KWONG, HERMAN, CA  
[72] WYRZYKOWSKA, ANETA D., CA  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2004-04-26  
[41] 2004-11-14  
[30] US (10/437,006) 2003-05-14

---

[21] **2,465,599**  
[13] A1

[51] Int.Cl. 7F28F 3/00 7F28D 9/00  
[25] EN  
[54] PLATE HEAT EXCHANGER  
[54] ECHANGEUR A PLAQUES  
[72] NICKOLAY, MARKUS, DE  
[72] WAGNER, VOLKER, DE  
[71] API SCHMIDT-BRETTEN GMBH & CO. KG, DE  
[22] 2004-04-29  
[41] 2004-11-16  
[30] DE (103 22 406.8) 2003-05-16

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[21] **2,465,803**  
[13] A1

[51] Int.Cl. 7B60P 7/12 7B61D 45/00  
[25] EN  
[54] CLAMPING SYSTEM AND METHOD FOR SECURING FREIGHT  
[54] SYSTEME ET METHODE DE SERRAGE POUR ASSUJETTIR DES MARCHANDISES  
[72] HALLAR, WILLIAM R., US  
[71] TTX COMPANY, US  
[22] 2004-04-27  
[41] 2004-11-19  
[30] US (10/440,927) 2003-05-19

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[21] **2,465,966**  
[13] A1

[51] Int.Cl. 7E05B 15/02 7E05B 65/12  
[25] EN  
[54] SIDE DOOR STRIKER AND A METHOD OF OPERATION  
[54] GACHE DE PORTE LATÉRALE ET MÉTHODE DE FONCTIONNEMENT  
[72] OBERHEIDE, G. CLARKE, US  
[71] INTIER AUTOMOTIVE CLOSURES INC., CA  
[22] 2004-04-30  
[41] 2004-11-16  
[30] US (60/471,035) 2003-05-16

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[21] **2,466,091**  
[13] A1

[51] Int.Cl. 7C09D 163/00 7C09D 135/02  
7C09D 5/03  
[25] EN  
[54] MULTIPLE-PART FAST CURE POWDER COATINGS  
[54] REVETEMENTS EN POUDRE MULTI-COMPOSANTS A DURCISSEMENT RAPIDE  
[72] HORINKA, PAUL R., US  
[72] CORRELL, GLENN D., US  
[71] ROHM AND HAAS COMPANY, US  
[22] 2004-05-03  
[41] 2004-11-16  
[30] US (60/471,158) 2003-05-16

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[21] **2,466,237**  
[13] A1

[51] Int.Cl. 7A61B 17/00 7A61B 18/00  
7A61B 18/12  
[25] EN  
[54] SYSTEM FOR ACTIVATING AN ELECTROSURGICAL INSTRUMENT  
[54] SYSTEME POUR ACTIVER UN INSTRUMENT ELECTROCHIRURGICAL  
[72] BLAHA, DEREK M., US  
[71] SHERWOOD SERVICES AG, CH  
[22] 2004-05-04  
[41] 2004-11-15  
[30] US (10/470,633) 2003-05-15

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[21] **2,466,398**  
[13] A1

[51] Int.Cl. 7C21B 13/00 7C21C 1/00  
7C21B 13/08 7C21B 13/14  
[25] EN  
[54] METALLURGICAL REACTOR FOR THE PRODUCTION OF CAST IRON  
[54] REACTEUR METALLURGIQUE POUR LA PRODUCTION DE FONTE  
[72] FONTANA, PIERGIORGIO, US  
[72] MOLINARI, ALESSANDRO, IT  
[72] DE MARCHI, GIOVANNI, IT  
[71] SMS DEMAG S.P.A., IT  
[22] 2004-05-05  
[41] 2004-11-14  
[30] IT (GE2003A000033) 2003-05-14

**Canadian Applications Open to Public Inspection**  
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[21] <b>2,466,468</b>
[13] A1
[51] Int.Cl. 7B60N 2/28 7B60N 2/46
[25] EN
<b>[54] AN INFANT SEAT WITH ARMRESTS FOR MOTORCARS</b>
<b>[54] SIEGE DE BEBE AVEC APPUIE-BRAS POUR AUTOMOBILE</b>
[72] JANE SANTAMARIA, MANUEL, ES
[71] JANES, S.A., ES
[22] 2004-05-05
[41] 2004-11-14
[30] ES (U 200301159) 2003-05-14
[30] ES (U 200301228) 2003-05-20

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[21] <b>2,466,719</b>
[13] A1
[51] Int.Cl. 7A01B 7/00
[25] EN
<b>[54] SINGLE STANDARD DOUBLE DISK CONFIGURATION</b>
<b>[54] CONFIGURATION STANDARD A DISQUES DOUBLES</b>
[72] RUCKLE, JARROD RAY, US
[71] DEERE & COMPANY, US
[22] 2004-05-07
[41] 2004-11-14
[30] US (10/437,754) 2003-05-14

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[21] <b>2,466,750</b>
[13] A1
[51] Int.Cl. 7B24B 27/08 7B23D 53/12
[25] EN
<b>[54] MANUALLY OPERATED TOOL</b>
<b>[54] OUTIL A MAIN</b>
[72] UHL, KLAUS-MARTIN, DE
[72] FRIEDRICH, SEBASTIAN, DE
[71] ANDREAS STIHL AG & CO. KG., DE
[22] 2004-05-10
[41] 2004-11-20
[30] DE (103 22 640.0) 2003-05-20

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[21] <b>2,466,469</b>
[13] A1
[51] Int.Cl. 7B60N 2/28 7B60N 2/48 7B60N 2/64
[25] EN
<b>[54] A BACKREST WITH HEADREST FOR INFANT SEATS TO BE USED IN MOTORCARS</b>
<b>[54] DOSSIER AVEC APPUIE-TETE POUR SIEGE DE BEBE D'AUTOMOBILE</b>
[72] JANE SANTAMARIA, MANUEL, ES
[71] JANES, S.A., ES
[22] 2004-05-05
[41] 2004-11-14
[30] ES (U 200301160) 2003-05-14
[30] ES (U 200301227) 2003-05-20

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[21] <b>2,466,722</b>
[13] A1
[51] Int.Cl. 7A01B 71/04 7A01B 7/00
[25] EN
<b>[54] DISK BLADE BEARING HUB ASSEMBLY</b>
<b>[54] MOYEU A ROULEMENT POUR DISQUE DE COUPE</b>
[72] BIERL, JAMES FRANKLIN, US
[72] RUCKLE, JARROD RAY, US
[72] COX, PHILLIP DAVID, US
[71] DEERE & COMPANY, US
[22] 2004-05-07
[41] 2004-11-14
[30] US (10/437,756) 2003-05-14

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[21] <b>2,466,753</b>
[13] A1
[51] Int.Cl. 7B31B 1/74 7B31B 49/00 7B65B 57/02
[25] EN
<b>[54] METHOD FOR CHECKING THE QUALITY OF FLAT WORKPIECES AND DEVICE FOR CARRYING OUT SAID METHOD</b>
<b>[54] METHODE DE VERIFICATION DE LA QUALITE DES PIECES PLATES, ET DISPOSITIF PERMETTANT LA MISE EN OEUVRE DE CETTE METHODE</b>
[72] ALONSO, JERONIMO, CH
[72] STRASSER, GEORG, CH
[71] BOBST S.A., CH
[22] 2004-05-10
[41] 2004-11-16
[30] CH (2003 0873/03) 2003-05-16

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[21] <b>2,466,638</b>
[13] A1
[51] Int.Cl. 7B60T 15/14
[25] EN
<b>[54] ELECTRONIC EQUALIZING RESERVOIR CONTROLLER WITH PNEUMATIC PENALTY OVERRIDE</b>
<b>[54] CONTROLEUR ELECTRONIQUE DE RESERVOIR D'EQUILIBRE PERMETTANT L'APPLICATION PRIORITAIRE DES FREINS PNEUMATIQUES DE SECURITE</b>
[72] PETTIT, D. MARK, US
[72] REYNOLDS, JOHN M., US
[71] NEW YORK AIR BRAKE CORPORATION, US
[22] 2004-05-07
[41] 2004-11-14
[30] US (10/437,079) 2003-05-14

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[21] <b>2,466,747</b>
[13] A1
[51] Int.Cl. 7G05D 13/62 7B60K 31/02 7B60K 17/28
[25] EN
<b>[54] PTO-LOGIC-CONFIGURATION SYSTEM</b>
<b>[54] SYSTEME DE CONFIGURATION LOGIQUE DE PRISE DE FORCE</b>
[72] BROOKS, DAVID B., US
[72] ROTZ, JOHN F., US
[71] INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC, US
[22] 2004-05-10
[41] 2004-11-15
[30] US (10/439,089) 2003-05-15

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[21] <b>2,466,792</b>
[13] A1
[51] Int.Cl. 7G01N 37/00 7G01N 24/08 7G01N 33/48
[25] EN
<b>[54] EVALUATION OF SPECTRA</b>
<b>[54] EVALUATION DE SPECTRES</b>
[72] ARROWSMITH, CHERYL, CA
[72] GRISHAEV, ALEXANDER, US
[71] AFFINIUM PHARMACEUTICALS, INC., CA
[22] 2004-05-14
[41] 2004-11-16
[30] US (60/471,201) 2003-05-16

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**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,466,856**  
 [13] A1

[51] Int.Cl. 7E06C 1/38  
 [25] EN  
**FOLDING STEP STOOL**  
**TABOURET A MARCHEPIED**  
**PLIANT**  
 [72] MEEKER, PAUL K., US  
 [71] COSCO MANAGEMENT, INC., US  
 [22] 2004-05-12  
 [41] 2004-11-19  
 [30] US (10/440,906) 2003-05-19

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[21] **2,466,859**  
 [13] A1

[51] Int.Cl. 7E21B 33/12 7E21B 23/06  
 [25] EN  
**PACKER WITH METAL SEALING**  
**ELEMENT**  
**DISPOSITIF D'EMBALLAGE MUNI**  
**D'UN ELEMENT D'ETANCHEITE EN**  
**METAL**  
 [72] HIRTH, DAVID EUGENE, US  
 [72] GUDMESTAD, TARALD, NO  
 [71] WEATHERFORD/LAMB, INC., US  
 [22] 2004-05-12  
 [41] 2004-11-15  
 [30] US (10/438,763) 2003-05-15

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[21] **2,466,994**  
 [13] A1

[51] Int.Cl. 7G01N 27/333 7C25B 11/00  
 [25] EN  
**POTENTIOMETRIC, ION-**  
**SELECTIVE ELECTRODE**  
**ELECTRODE**  
**POTENTIOMETRIQUE A MEMBRANE**  
**SELECTIVE**  
 [72] RITTER, CHRISTOPH, AT  
 [72] NEUHOLD, CHRISTIAN, AT  
 [72] SPICIGER, URSULA, CH  
 [71] F. HOFFMANN-LA ROCHE AG, CH  
 [71] EIDGENOESSISCHE TECHNISCHE  
 HOCHSCHULE ZUERICH (ETH), CH  
 [22] 2004-05-12  
 [41] 2004-11-15  
 [30] AT (A 744/2003) 2003-05-15

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[21] **2,467,017**  
 [13] A1

[51] Int.Cl. 7F21V 33/00 7A47J 36/00  
 7A47J 37/07 7A47J 36/32  
 [25] EN  
**LIGHT FOR BARBECUE GRILL**  
**LAMPE POUR GRILLE DE**  
**BARBECUE**  
 [72] WITZEL, THEODORE A., CA  
 [72] CHEUNG, FRANKIE (NMI), CA  
 [71] WITZEL, THEODORE A., CA  
 [71] CHEUNG, FRANKIE (NMI), CA  
 [22] 2004-05-12  
 [41] 2004-11-15  
 [30] US (10/438,216) 2003-05-15

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[21] **2,467,121**  
 [13] A1

[51] Int.Cl. 7B65G 7/02 7E04F 11/00  
 7B65G 11/02  
 [25] EN  
**SLIDE SHEET FOR CONVERTING**  
**A STAIRCASE INTO A RAMP**  
**PANNEAU PERMETTANT DE**  
**TRANSFORMER UN ESCALIER EN**  
**RAMPE**  
 [72] BURGESS, SEAN M., US  
 [71] BURGESS, SEAN M., US  
 [22] 2004-05-12  
 [41] 2004-11-14  
 [30] US (10/437,682) 2003-05-14

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[21] **2,467,122**  
 [13] A1

[51] Int.Cl. 7E21B 23/00  
 [25] EN  
**LATCHING SYSTEM FOR**  
**MAINTAINING POSITION OF**  
**COMPONENT WITHIN A DOWNHOLE**  
**DRILL STRING SECTION**  
**SYSTEME DE VERROUILLAGE**  
**POUR CONSERVER LA POSITION**  
**D'UN COMPOSANT A L'INTERIEUR**  
**D'UNE SECTION DE COLONNE DE**  
**FORAGE**  
 [72] TURNER, WILLIAM E., US  
 [72] PERRY, CARL A., US  
 [72] BURGESS, DANIEL E., US  
 [72] BIGLIN, DENIS P., JR., US  
 [72] SEPPA, RONALD E., US  
 [72] RZASA, THOMAS F., US  
 [71] APS TECHNOLOGY, INC., US  
 [22] 2004-05-12  
 [41] 2004-11-15  
 [30] US (10/439,078) 2003-05-15

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[21] **2,467,125**  
 [13] A1

[51] Int.Cl. 7H01R 13/46 7H01R 13/713  
 [25] EN  
**ROTATING BRACKET FOR**  
**ELECTRICAL RECEPTACLE**  
**SUPPORT TOURNANT POUR**  
**PRISE ELECTRIQUE**  
 [72] SEFF, PAUL DAVID, US  
 [71] EATON CORPORATION, US  
 [22] 2004-05-12  
 [41] 2004-11-16  
 [30] US (10/440,499) 2003-05-16

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[21] **2,467,126**  
 [13] A1

[51] Int.Cl. 7F16L 9/02 7F16L 25/00  
 7B25B 13/50  
 [25] EN  
**FLUID CONDUIT SYSTEM AND**  
**FITTINGS THEREFOR**  
[b54] **SYSTEME DE CONDUITE DE**  
**LIQUIDE ET RACCORDS CONNEXES**  
 [72] JAMISON, TOMMY L., US  
 [72] GAY, KEVIN, US  
 [72] DENNIS, H. GLENN, US  
 [71] MULLER INDUSTRIES, INC., US  
 [22] 2004-05-12  
 [41] 2004-11-15  
 [30] US (60/470,599) 2003-05-15  
 [30] US (10/739,983) 2003-12-18

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[21] **2,467,152**  
 [13] A1

[51] Int.Cl. 7C08F 14/18  
 [25] EN  
**PREPARATION OF**  
**PERFLUOROPOLYETHERS HAVING**  
**AT LEAST ONE -CH<sub>2</sub>OH OR -CH(CF<sub>3</sub>)**  
**OH END GROUP**  
[b54] **SYNTHESE DE POLYETHERS**  
**PERFLUORES CONTENANT AU**  
**MOINS UN GROUPE TERMINAL -**  
**CH<sub>2</sub>OH OU -CH(CF<sub>3</sub>)OH**  
 [72] PICOZZI, ROSALDO, IT  
 [72] TONELLI, CLAUDIO, IT  
 [71] SOLVAY SOLEXIS S.P.A., IT  
 [22] 2004-05-11  
 [41] 2004-11-15  
 [30] IT (MI2003 A 000971) 2003-05-15

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**Canadian Applications Open to Public Inspection**  
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[21] **2,467,160**  
 [13] A1

[51] Int.Cl. 7G01J 5/20  
 [25] EN  
**[54] MICROBOLOMETER DETECTOR WITH HIGH FILL FACTOR AND TRANSDUCERS HAVING ENHANCED THERMAL ISOLATION**  
**[54] DETECTEUR MICROBOLOMETRIQUE A FACTEUR DE REMPLISSAGE ELEVE ET TRANSDUCTEURS OFFRANT UN ISOLEMENT THERMIQUE AMELIORE**  
 [72] WOOLAWAY, JAMES T., US  
 [72] ALAIN, CHRISTINE, CA  
 [72] TERRE, WILLIAM A., US  
 [72] JEROMINEK, HUBERT, CA  
 [71] INSTITUT NATIONAL D'OPTIQUE, CA  
 [71] INDIGO SYSTEMS CORPORATION, US  
 [22] 2004-05-12  
 [41] 2004-11-19  
 [30] US (10/441,507) 2003-05-19

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[21] **2,467,182**  
 [13] A1

[51] Int.Cl. 7C09B 67/38  
 [25] EN  
**[54] DISPERSE DYE MIXTURES**  
**[54] MELANGES DE COLORANTS DISPERSES**  
 [72] OHNO, SHINSUKE, GB  
 [72] HIMENO, KIYOSHI, JP  
 [71] DYSTAR TEXTILFARBEN GMBH & CO. DEUTSCHLAND KG, DE  
 [22] 2004-05-12  
 [41] 2004-11-14  
 [30] US (60/470,314) 2003-05-14

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[21] **2,467,185**  
 [13] A1

[51] Int.Cl. 7B65D 51/18 7B65D 43/02  
 [25] EN  
**[54] CONTAINER FOR STORING ARTICLES**  
**[54] CONTENANT POUR STOCKER DES ARTICLES**  
 [72] DONG, JANE, US  
 [71] XM INTERNATIONAL, INC., US  
 [22] 2004-05-13  
 [41] 2004-11-14  
 [30] CN (03231183.4) 2003-05-14  
 [30] US (10/699,894) 2003-11-03

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[21] **2,467,211**  
 [13] A1

[51] Int.Cl. 7A47F 5/01 7E04B 9/00  
 [25] EN  
**[54] ARTICLE HANGING SYSTEM, SLIDABLE WIRE HOLDER, DETACHABLE WIRE HOLDER, WIRE HOOK AND WIRE GRIPPER**  
**[54] SYSTEME DE SUSPENSION D'ARTICLES, SUPPORT DE FIL METALLIQUE COUILLANT, SUPPORT DE FIL METALLIQUE AMOVIBLE, CROCHET DE FIL METALLIQUE ET PINCES DE FIL METALLIQUE**  
 [72] ARAKAWA, HIDEO, JP  
 [71] A.G.K. LTD., JP  
 [22] 2004-05-13  
 [41] 2004-11-15  
 [30] JP (2003-137008) 2003-05-15  
 [30] JP (2004-113740) 2004-04-08

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[21] **2,467,219**  
 [13] A1

[51] Int.Cl. 7B23B 31/10  
 [25] EN  
**[54] GRIP ASSEMBLY FOR CLUTCH CAP, FRONT SLEEVE, REAR SLEEVE AND METHOD OF MAKING**  
**[54] ENSEMBLE D'ATTACHE DE CLOCHE D'EMBRAYAGE, MANCHON AVANT, MANCHON ARRIERE ET METHODE DE FABRICATION**  
 [72] TAM, BING HONG, HK  
 [72] LONG, CHARLES KEITH, US  
 [72] LIU, XIAO PING, CN  
 [72] MA, DENNIS WING YUK, HK  
 [72] WONG, THOMAS KAM KEE, HK  
 [72] CHUNN, DANIEL ALEX, HK  
 [71] ONE WORLD TECHNOLOGIES LIMITED, BM  
 [22] 2004-05-13  
 [41] 2004-11-14  
 [30] US (10/439,186) 2003-05-14

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[21] **2,467,263**  
 [13] A1

[51] Int.Cl. 7G01R 31/36  
 [25] EN  
**[54] METHOD, SYSTEM AND APPARATUS FOR TESTING ELECTROCHEMICAL CELLS**  
**[54] METHODE, SYSTEME ET APPAREIL POUR TESTER DES CELLULES ELECTROCHIMIQUES**  
 [72] ABOUATALLAH, RAMI MICHEL, CA  
 [71] HYDROGENICS CORPORATION, CA  
 [22] 2004-05-13  
 [41] 2004-11-14  
 [30] US (60/470189) 2003-05-14

**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,467,265**  
 [13] A1

[51] Int.Cl. 7A61K 31/575 7A61P 37/04  
**7A61K 35/70**  
 [25] EN  
 [54] PHARMACEUTICAL  
 COMPOSITION FOR ENHANCING  
 IMMUNITY, AND EXTRACT OF PORIA  
 [54] COMPOSITION  
 PHARMACEUTIQUE POUR  
 ACCROITRE L'ACTIVITE  
 IMMUNITAIRE ET EXTRAIT DE  
 PORIA  
 [72] TSENG, JERMING, TW  
 [72] DING, HSIOU YU, TW  
 [72] LIN, HANG-CHING, TW  
 [72] CHAO, CHIEN-LIAN, TW  
 [72] CHANG, WEN-LIANG, TW  
 [72] HUANG, HSIN-WEN, TW  
 [71] SINPHAR PHARMACEUTICAL CO.,  
 LTD., TW  
 [22] 2004-05-13  
 [41] 2004-11-16  
 [30] TW (92113393) 2003-05-16

[21] **2,467,268**  
 [13] A1

[51] Int.Cl. 7C07F 11/00 7C07F 5/06  
 [25] EN  
 [54] CATALYST COMPOSITION,  
 METHOD OF MAKING SAME AND ITS  
 USE IN OLEFIN POLYMERIZATION  
 [54] COMPOSITION DE CATALYSEUR,  
 METHODE POUR LA PREPARER ET  
 SON UTILISATION POUR LA  
 POLYMERISATION D'OLEFINES  
 [72] GANESAN, MANI, US  
 [72] GABBAI, FRANCOIS, US  
 [72] BROWN, JIMMY D., US  
 [72] POPE, DAVE S., US  
 [72] HURLBURT, PAUL K., US  
 [72] WHARRY, DONALD L., US  
 [71] THE TEXAS A&M UNIVERSITY  
 SYSTEM, US  
 [22] 2004-05-13  
 [41] 2004-11-14  
 [30] US (10/437,539) 2003-05-14

[21] **2,467,277**  
 [13] A1

[51] Int.Cl. 7A61B 1/00  
 [25] EN  
 [54] MEDICAL APPARATUS FOR USE  
 WITH AN ENDOSCOPE  
 [54] APPAREIL MEDICAL POUR  
 UTILISATION AVEC UN ENDOSCOPE  
 [72] STEFANCHIK, DAVID, US  
 [72] BALLY, KURT R., US  
 [72] LINENKUGEL, DUANE A., US  
 [72] BAKOS, GREGORY J., US  
 [72] VAKHARIA, OMAR J., US  
 [72] CRAFT, JAMES A., US  
 [71] ETHICON ENDO-SURGERY, INC.,  
 US  
 [22] 2004-05-14  
 [41] 2004-11-16  
 [30] US (10/440,957) 2003-05-16

[21] **2,467,281**  
 [13] A1

[51] Int.Cl. 7G05D 21/00 7C07B 63/00  
**7B01D 3/00 7C07C 263/20 7G01N 21/35**  
 [25] EN  
 [54] METHOD AND DEVICE FOR  
 DETERMINING THE ISOMER  
 COMPOSITION IN ISOCYANATE  
 PRODUCTION PROCESSES  
 [54] METHODE ET DISPOSITIF POUR  
 DETERMINER LA COMPOSITION  
 ISOMERIQUE LORS DE PROCÉDES DE  
 PRODUCTION D'ISOCYANATES  
 [72] PIRKL, HANS-GEORG, DE  
 [72] DRESELY, STEFAN, DE  
 [72] GERLACH, MARTIN, DE  
 [72] WIMSCHNEIDER, ANDREA, DE  
 [72] SCHWEER, JOHANNES, DE  
 [72] WOLF, UDO, DE  
 [72] SCHIFFHAUER, MARTIN, DE  
 [72] MUELLER, HEINZ-HERBERT, DE  
 [72] MAHRENHOLTZ, JOCHEN, DE  
 [72] BOLTON, JEFFREY, US  
 [71] BAYER MATERIALSCIENCE AG, DE  
 [22] 2004-05-14  
 [41] 2004-11-19  
 [30] DE (10322439.4) 2003-05-19

[21] **2,467,282**  
 [13] A1

[51] Int.Cl. 7H01Q 5/00 7H01Q 1/27  
 [25] EN  
 [54] ANTENNA WITH MULTIPLE-  
 BAND PATCH AND SLOT  
 STRUCTURES  
 [54] ANTENNE A STRUCTURE DE  
 TYPE PLAQUE ET A STRUCTURE DE  
 TYPE FENTE MULTIBANDES  
 [72] BANDURSKA, KRISTYNA, CA  
 [72] WEN, GEYI, CA  
 [72] JARMUSZEWSKI, PERRY, CA  
 [71] RESEARCH IN MOTION LIMITED,  
 CA  
 [22] 2004-05-14  
 [41] 2004-11-14  
 [30] EP (03252987.7) 2003-05-14

[21] **2,467,288**  
 [13] A1

[51] Int.Cl. 7C22B 3/10 7C22B 3/04  
 [25] EN  
 [54] A PROCESS FOR THE RECOVERY  
 OF VALUE METALS FROM MATERIAL  
 CONTAINING BASE METAL OXIDES  
 [54] UN PROCEDE DE  
 RECUPERATION DE METAUX  
 PRECIEUX DANS DES MATERIAUX A  
 BASE D'OXYDES DE METAUX  
 COMMUNS  
 [72] SRIDHAR, RAMAMRITHAM, CA  
 [72] LAKSHMANAN, VAIKUNTAMI, CA  
 [72] HARRIS, G. BRYN, CA  
 [71] JAGUAR NICKEL INC., CA  
 [22] 2004-05-13  
 [41] 2004-11-16  
 [30] US (60/470,871) 2003-05-16  
 [30] US (60/496,921) 2003-08-22  
 [30] US (60/496,922) 2003-08-22

**Canadian Applications Open to Public Inspection**  
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[21] 2,467,289
[13] A1
[51] Int.Cl. 7F16H 55/36
[25] EN
[54] CONTINUOUSLY VARIABLE TRANSMISSION OR CLUTCH WITH ORTHO-PLANAR COMPLIANT MECHANISM
[54] TRANSMISSION OU EMBRAYAGE A CHANGEMENT DE VITESSES CONTINU A MECANISME ORTHO-PLANAIRE CONFORME
[72] MAGLEBY, SPENCER P., US
[72] WHITING, MICHAEL J., US
[72] HOWELL, LARRY L., US
[72] TODD, ROBERT H., US
[71] BRIGHAM YOUNG UNIVERSITY, US
[22] 2004-05-14
[41] 2004-11-14
[30] US (60/470,602) 2003-05-14

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[21] 2,467,294
[13] A1
[51] Int.Cl. 7A01K 15/02
[25] EN
[54] CASTINIG AND RETRIEVING DEVICE FOR TRAINING DOGS
[54] DISPOSITIF DE LANCEMENT ET DE RECUPERATION UTILISE POUR LE DRESSAGE DE CHIENS
[72] DOKKEN, THOMAS, US
[71] DOKKEN, THOMAS, US
[22] 2004-05-14
[41] 2004-11-14
[30] US (60/470,375) 2003-05-14

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[21] 2,467,300
[13] A1
[51] Int.Cl. 7A61G 10/00 7E04B 2/00
7A61G 13/00 7E04H 3/08
[25] EN
[54] MODULAR IN-WALL MEDICAL SERVICES OUTLET SYSTEM
[54] SYSTEME MODULAIRE ET MURAL DE DISPOSITIFS DE SERVICES MEDICAUX
[72] WALKER, JAMES A., US
[72] CULPEPPER, TAYLOR C., US
[72] PIERSON, JOHN R., US
[71] MODULAR SERVICES COMPANY, US
[22] 2004-05-14
[41] 2004-11-16
[30] US (60/471,224) 2003-05-16

[21] 2,467,301
[13] A1
[51] Int.Cl. 7F16M 11/42 7B60B 33/00
[25] EN
[54] MOBILE LOAD SUPPORT
[54] SUPPORT DE CHARGES MOBILE
[72] DRUMMOND, DAVID CARL, CA
[71] DRUMMOND, DAVID CARL, CA
[22] 2004-05-14
[41] 2004-11-16
[30] US (60/470,853) 2003-05-16

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[21] 2,467,307
[13] A1
[51] Int.Cl. 7B60J 10/02
[25] EN
[54] VEHICLE WINDOW MOLDING
[54] MOULURE DE FENETRE DE VEHICULE
[72] OKANO, TOMOAKI, JP
[72] MIKKAICHI, TOSHIKI, JP
[71] HASHIMOTO FORMING INDUSTRY CO., LTD., JP
[22] 2004-05-14
[41] 2004-11-15
[30] JP (2003-137,810) 2003-05-15

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[21] 2,467,306
[13] A1
[51] Int.Cl. 7A61B 5/00
[25] EN
[54] CONDITION MONITORING SYSTEM, LIVING BODY INFORMATION MEASURING TERMINAL, LIVING BODY INFORMATION RECEIVING TERMINAL, CONDITION MONITORING METHOD, AND RECORDING MEDIUM HAVING THE CONDITION MONITORING METHOD RECORDED THEREIN
[54] SYSTEME DE SURVEILLANCE DE L'ETAT, TERMINAL DE MESURE DE PARAMETRES RELATIFS A UN ORGANISME VIVANT, TERMINAL DE RECEPTION DE DONNEES RELATIVES A UN ORGANISME VIVANT, METHODE DE SURVEILLANCE DE L'ETAT, ET SUPPORT D'ENREGISTREMENT DANS LEQUEL EST ENREGISTREE LA METHODE DE SURVEILLANCE DE L'ETAT
[72] MORIYA, KOICHI, JP
[72] MAEGAWA, KAZUYA, JP
[72] IIJIMA, RYUJI, JP
[71] SEIKO INSTRUMENTS INC., JP
[22] 2004-05-14
[41] 2004-11-15
[30] JP (2003-136902) 2003-05-15
[30] JP (2004-121688) 2004-04-16

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[21] 2,467,311
[13] A1
[51] Int.Cl. 7H01M 4/86 7H01M 8/00
7H01M 4/96
[25] EN
[54] FUEL CELL
[54] PILE A COMBUSTIBLE
[72] KANAI, HIROKO, JP
[72] KABUMOTO, HIROKI, JP
[71] SANYO ELECTRIC CO., LTD., JP
[22] 2004-05-14
[41] 2004-11-16
[30] JP (138559/2003) 2003-05-16

**Demandes canadiennes mises à la disponibilité du public**  
**14 novembre 2004 au 20 novembre 2004**

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[21] 2,467,314  
 [13] A1

[51] Int.Cl. 7B01J 39/20  
 [25] EN  
**PROCESS FOR THE ALKALINE SAPONIFICATION OF CROSSLINKED ACRYLONITRILE BEAD POLYMERS**  
**[54] PROCEDE DE SAPONIFICATION ALCALINE DE POLYACRYLONITRILES RETICULES EN PERLE**  
 [72] HAPP, MICHAEL, DE  
 [72] IRMSCHER, DIETER, DE  
 [72] ZARGES, WOLFGANG, DE  
 [72] PODSZUN, WOLFGANG, DE  
 [72] SEIDEL, RUEDIGER, DE  
 [71] BAYER CHEMICALS AG, DE  
 [22] 2004-05-14  
 [41] 2004-11-19  
 [30] DE (10322441.6) 2003-05-19

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[21] 2,467,315  
 [13] A1

[51] Int.Cl. 7G06F 17/00 7G06F 17/30  
 [25] EN  
**SYSTEM AND METHOD OF DATA MODELLING**  
**[54] SYSTEME ET METHODE DE MODELISATION DE DONNEES**  
 [72] VIERICH, RALF, CA  
 [72] DACHEVSKI, BORIS, CA  
 [72] POTTER, CHARLES M., CA  
 [71] COGNOS INCORPORATED, CA  
 [22] 2004-05-14  
 [41] 2004-11-16  
 [30] CA (2,429,095) 2003-05-16

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[21] 2,467,318  
 [13] A1

[51] Int.Cl. 7F16B 35/00 7F16B 35/04  
 [25] EN  
**FASTENERS FOR COMPOSITE MATERIAL**  
**[54] ATTACHES POUR MATERIAU COMPOSITE**  
 [72] TIPPS, MICHAEL, US  
 [72] ROMANO, MARK, US  
 [72] BAER, ROBERT, US  
 [72] DEHAITRE, LON, US  
 [72] KADISH, CHARLES, US  
 [71] ABBOTT-INTERFAST CORPORATION, US  
 [22] 2004-05-14  
 [41] 2004-11-16  
 [30] US (10/752,431) 2004-01-06  
 [30] US (60/471,050) 2003-05-16

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[21] 2,467,319  
 [13] A1

[51] Int.Cl. 7B62B 17/02 7A63C 5/056  
 [25] EN  
**STAGGERED SKI SKAG**  
**[54] RAILS PROTECTEURS DE SKIS DECALES**  
 [72] DICK, BRIAN W., US  
 [72] OLSON, JEFF, US  
 [71] ARCTIC CAT INC., US  
 [22] 2004-05-14  
 [41] 2004-11-16  
 [30] US (10/439,640) 2003-05-16

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[21] 2,467,320  
 [13] A1

[51] Int.Cl. 7A61C 8/00 7C22C 14/00  
**7A61L 27/06**  
 [25] EN  
**SURFACE TREATMENT PROCESS FOR IMPLANTS MADE OF TITANIUM ALLOY**  
**[54] PROCEDE DE TRAITEMENT DE SURFACE D'IMPLANTS A BASE D'ALLIAGE DE TITANE**  
 [72] ROBB, T. TAIT, US  
 [72] MAYFIELD, ROBERT L., US  
 [72] TOWSE, ROSS W., US  
 [72] BERCKMANS, BRUCE III, US  
 [71] IMPLANT INNOVATIONS, INC., US  
 [22] 2004-05-14  
 [41] 2004-11-16  
 [30] US (60/471,463) 2003-05-16  
 [30] US (10/843,916) 2004-05-12

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[21] 2,467,325  
 [13] A1

[51] Int.Cl. 7B01F 3/04 7B01J 10/00 7B01F 5/06  
 [25] EN  
**MULTIPHASE MIXING DEVICE WITH IMPROVED QUENCH INJECTION FOR INDUCING ROTATIONAL FLOW**  
**[54] MELANGEUR MULTIPHASE A INJECTION DE TREMPE AMELIOREE POUR L'ACTIVATION DE L'ECOULEMENT ROTATIONNEL**  
 [72] MULDOWNNEY, GREGORY PATRICK, US  
 [72] CHUBA, MICHAEL R., US  
 [71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
 [22] 2004-05-14  
 [41] 2004-11-16  
 [30] US (10/439,960) 2003-05-16

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[21] 2,467,326  
 [13] A1

[51] Int.Cl. 7A61B 5/00 7A61B 5/01 7A61B 5/02  
 [25] EN  
**LIVING BODY INFORMATION MEASURING SYSTEM, METHOD OF IDENTIFYING A LIVING BODY**  
**INFORMATION DETECTING DEVICE CURRENTLY USED, RECORDING MEDIUM RECORDING THE METHOD OF IDENTIFYING A LIVING BODY**  
**INFORMATION DETECTING DEVICE CURRENTLY USED, PORTABLE DEVICE, AND DATA COLLECTOR**  
**[54] SYSTEME DE MESURE DE PARAMETRES RELATIFS A UN ORGANISME VIVANT, METHODE D'IDENTIFICATION D'UN DISPOSITIF DE DETECTION DE DONNEES RELATIVES A UN ORGANISME VIVANT ACTUELLEMENT UTILISE, SUPPORT D'ENREGISTREMENT ENREGISTRANT LA METHODE D'IDENTIFICATION D'UN DISPOSITIF DE DETECTION DE DONNEES RELATIVES A UN ORGANISME VIVANT ACTUELLEMENT UTILISE, DISPOSITIF PORTAT**  
 [72] MORIYA, KOICHI, JP  
 [72] IIJIMA, RYUJI, JP  
 [71] SEIKO INSTRUMENTS INC., JP  
 [22] 2004-05-14  
 [41] 2004-11-15  
 [30] JP (2003-136900) 2003-05-15  
 [30] JP (2004-121689) 2004-04-16

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[21] 2,467,328  
 [13] A1

[51] Int.Cl. 7A47L 11/40 7B24B 29/00  
 [25] EN  
**DRIP COVER FOR FLOOR POLISHING MACHINE**  
**[54] COUVERCLE ETANCHE POUR POLISSEUSE**  
 [72] DEITERMAN, LENARD K., US  
 [71] ALTO U.S. INC., US  
 [22] 2004-05-14  
 [41] 2004-11-16  
 [30] US (60/320,201) 2003-05-16

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**Canadian Applications Open to Public Inspection**  
**November 14, 2004 to November 20, 2004**

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[21] **2,467,330**  
 [13] A1  
 [51] Int.Cl. 7B01F 3/04 7B01J 10/00 7B01F  
**5/06**  
 [25] EN  
**[54] MULTIPHASE MIXING DEVICE WITH IMPROVED QUENCH INJECTION**  
**[54] MELANGEUR MULTIPHASE A INJECTION DE TREMPE AMELIOREE**  
 [72] MCDOUGALD, NEIL K., US  
 [72] MULDOWNNEY, GREGORY PATRICK, US  
 [72] BOYD, SHERRI LYNNE, US  
 [71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
 [22] 2004-05-14  
 [41] 2004-11-16  
 [30] US (10/439,963) 2003-05-16

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[21] **2,467,331**  
 [13] A1  
 [51] Int.Cl. 7G01G 19/14 7B60P 5/00  
**7G01G 19/08**  
 [25] EN  
**[54] APPARATUS FOR MEASURING THE WEIGHT FORCE OF A LOAD PROCESSED BY A MACHINE**  
**[54] APPAREIL DE MESURE DE LA FORCE DU POIDS D'UNE CHARGE TRAITEE PAR UNE MACHINE**  
 [72] BIZIOREK, STEPHANE, FR  
 [72] VIAUD, JEAN, FR  
 [71] DEERE & COMPANY, US  
 [22] 2004-05-14  
 [41] 2004-11-17  
 [30] DE (103 22 336.3) 2003-05-17

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[21] **2,467,336**  
 [13] A1  
 [51] Int.Cl. 7A01K 1/01  
 [25] EN  
**[54] SIEVE LITTER SCOOP**  
**[54] PELLE TAMISEE POUR LITIERE**  
 [72] PAIN, TAPAS, CA  
 [71] PAIN, TAPAS, CA  
 [22] 2004-05-13  
 [41] 2004-11-15  
 [30] US (10/438,967) 2003-05-15

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[21] **2,467,350**  
 [13] A1  
 [51] Int.Cl. 7B60T 17/04 7B61H 11/00  
**7B60T 15/36**  
 [25] EN  
**[54] UNIDIRECTIONAL STABILITY CHOKE FOR A BRAKE CONTROL VALVE**  
**[54] ETRANGLEUR DE STABILITE UNIDIRECTIONNEL POUR REPARTITEUR DE FREINAGE**  
 [72] WRIGHT, ERIC C., US  
 [72] GAYFER, ROBERT P., US  
 [71] NEW YORK AIR BRAKE CORPORATION, US  
 [22] 2004-05-17  
 [41] 2004-11-20  
 [30] US (10/441,219) 2003-05-20

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[21] **2,467,354**  
 [13] A1  
 [51] Int.Cl. 7C08L 33/08 7C08L 25/04  
**7C08L 33/12**  
 [25] EN  
**[54] HIGH-SOLIDS BINDER COMBINATIONS FOR SCRATCH-RESISTANT TOPCOATS**  
**[54] COMBINAISONS DE LIANT A FORTE TENEUR EN SOLIDES DESTINEES A DES REVETEMENTS RESISTANT AUX EGRETIGNURES**  
 [72] WAMPRECHT, CHRISTIAN, DE  
 [72] MECHTEL, MARKUS, DE  
 [72] TILLACK, JOERG, DE  
 [72] KLIMMASCH, THOMAS, DE  
 [71] BAYER MATERIALSCIENCE AG, DE  
 [22] 2004-05-17  
 [41] 2004-11-20  
 [30] DE (10322620.6) 2003-05-20

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[21] **2,467,357**  
 [13] A1  
 [51] Int.Cl. 7E06B 9/32  
 [25] EN  
**[54] BALANCED TILT MECHANISM FOR A COVERING FOR AN ARCHITECTURAL OPENING**  
**[54] MECANISME BASCULANT EQUILIBRE DE COUVERTURE D'UNE OUVERTURE ARCHITECTURALE**  
 [72] COLSON, WENDELL B., US  
 [72] JAROSINSKI, MAREK, US  
 [72] LYNCH, DAVID G., US  
 [72] NULL, ROBERT A., US  
 [72] ULATOWSKI, BOGDAN R., US  
 [71] HUNTER DOUGLAS INC., US  
 [22] 2004-05-17  
 [41] 2004-11-16  
 [30] US (10/439,406) 2003-05-16

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[21] **2,467,358**  
 [13] A1  
 [51] Int.Cl. 7E21B 21/02 7E21B 33/12  
 [25] EN  
**[54] PACKING ASSEMBLY FOR ROTARY DRILLING SWIVELS AND PUMPS HAVING ROTATING SHAFTS**  
**[54] BRIDE D'ETANCHEITE POUR TETES ET POMPES ROTATIVES DE FORAGE EQUIPEES D'ARBRES ROTATIFS**  
 [72] PIPPERT, FREDERICK B., US  
 [71] UTEX INDUSTRIES, INC., US  
 [22] 2004-05-17  
 [41] 2004-11-20  
 [30] US (10/441,873) 2003-05-20

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[21] **2,467,376**  
 [13] A1  
 [51] Int.Cl. 7A01F 15/08 7G01G 11/00  
**7G01G 19/08**  
 [25] EN  
**[54] APPARATUS FOR MEASUREMENT OF THE WEIGHT FORCE OF A BALE**  
**[54] APPAREIL DE MESURE DE LA FORCE DU POIDS D'UNE BALLE**  
 [72] PESSARD, MICKAEL, JP  
 [72] GUIET, LIONEL, FR  
 [72] VIAUD, JEAN, FR  
 [72] BIZIOREK, STEPHANE, FR  
 [71] DEERE & COMPANY, US  
 [22] 2004-05-17  
 [41] 2004-11-17  
 [30] DE (103 22 333.9) 2003-05-17

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[21] **2,467,384**  
 [13] A1  
 [51] Int.Cl. 7H01R 13/46 7H05K 5/06  
 [25] EN  
**[54] HERMETICALLY SEALED TERMINAL FOR ELECTRICAL DEVICE**  
**[54] BORNE HERMETIQUE POUR DISPOSITIF ELECTRIQUE**  
 [72] EVANS, ROBERT J., US  
 [72] KITTS, KARL L., US  
 [72] AFANASIEV, MICHAEL E., US  
 [71] EATON CORPORATION, US  
 [22] 2004-05-17  
 [41] 2004-11-19  
 [30] US (10/440,602) 2003-05-19

## Demandes canadiennes mises à la disponibilité du public

14 novembre 2004 au 20 novembre 2004

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[21] 2,467,387

[13] A1

[51] Int.Cl. 7H04L 12/24

[25] EN

[54] AD-HOC NETWORK AND  
METHOD OF ROUTING  
COMMUNICATIONS IN A  
COMMUNICATION NETWORK  
[54] RESEAU AD HOC ET METHODE  
D'ACHEMINEMENT DE  
COMMUNICATIONS DANS UN  
RESEAU DE COMMUNICATIONS

[72] GUTIERREZ, JOSE A., US

[72] PEREIRA, LUIS R., US

[71] EATON CORPORATION, US

[22] 2004-05-17

[41] 2004-11-19

[30] US (10/441,315) 2003-05-19

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[21] 2,467,411

[13] A1

[51] Int.Cl. 7G09D 3/02 7B42D 5/04

[25] EN

[54] DATE CYCLING STORAGE  
CALENDAR  
[54] CALENDRIER DE RANGEMENT  
PAR CYCLES DE DATES  
[72] DOSS, CATHRYNE, US  
[71] DOSS, CATHRYNE, US  
[22] 2004-05-18  
[41] 2004-11-19  
[30] US (10/440,981) 2003-05-19

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[21] 2,467,422

[13] A1

[51] Int.Cl. 7C08G 65/323 7C08F 16/12  
7C08L 27/12 7C10M 129/16

[25] EN

[54] PERFLUOROPOLYETHER  
ADDITIVES  
[54] ADDITIFS A BASE DE  
PERFLUOROPOLYETHER  
[72] MACCONE, PATRIZIA, IT  
[72] RUSSO, ANTONIO, IT  
[71] SOLVAY SOLEXIS S.P.A., IT  
[22] 2004-05-18  
[41] 2004-11-20  
[30] IT (MI2203 A 000992) 2003-05-20

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[21] 2,467,436

[13] A1

[51] Int.Cl. 7C03B 9/41 7G05B 19/04  
7C03B 17/06 7C03B 9/40

[25] EN

[54] GLASS OPTIMIZATION  
[54] OPTIMISATION DU VITRAGE  
[72] DORSCH, PAUL VICTOR, US  
[72] CLAYTON, BYRON C., US  
[72] MCGLINCHY, TIMOTHY B., US  
[72] PERRY, WILLIAM V., JR., US  
[71] GLASS EQUIPMENT  
DEVELOPMENT, INC., US  
[22] 2004-05-17  
[41] 2004-11-20  
[30] US (60/472,060) 2003-05-20  
[30] US (10/646,191) 2003-08-22  
[30] US (10/688,654) 2003-10-17

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[21] 2,467,440

[13] A1

[51] Int.Cl. 7H04L 12/46 7H04Q 7/20

[25] EN

[54] WIRELESS NETWORK  
CLUSTERING COMMUNICATION  
SYSTEM, WIRELESS  
COMMUNICATION NETWORK, AND  
ACCESS PORT FOR SAME  
[54] SYSTEME DE COMMUNICATIONS  
A PLUSIEURS RESEAUX SANS FIL,  
RESEAU DE COMMUNICATIONS SANS  
FIL ET PORT D'ACCES CONNEXE

[72] LUEBKE, CHARLES J., US

[72] GUTIERREZ, JOSE A., US

[71] EATON CORPORATION, US

[22] 2004-05-17

[41] 2004-11-19

[30] US (10/440,725) 2003-05-19

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[21] 2,467,463

[13] A1

[51] Int.Cl. 7G06F 19/00

[25] EN

[54] METHOD OF SIMULATING  
FLUCTUATION OF OIL, PROGRAM OF  
THE SAME AND SYSTEM OF THE  
SAME

[54] METHODE, PROGRAMME ET

SYSTEME DE SIMULATION DE

FLUCTUATION DU PETROLE

[72] RHEEM, CHANG KYU, JP

[72] YAMAGUCHI, HAJIME, JP

[71] THE UNIVERSITY OF TOKYO, JP

[22] 2004-05-17

[41] 2004-11-20

[30] JP (2003-142,392) 2003-05-20

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[21] 2,467,480

[13] A1

[51] Int.Cl. 7B24B 23/02 7B24B 41/04

[25] EN

[54] SPINDLE LOCK FOR AN ORBITAL  
ABRADING OR POLISHING TOOL  
[54] COMMANDE DE VERROUILLAGE  
DE LA BROCHE POUR OUTIL  
D'D'ABRASION OU DE POLISSAGE  
ORBITAL

[72] HUTCHINS, DONALD H., US

[71] HUTCHINS MANUFACTURING  
COMPANY, US

[22] 2004-05-17

[41] 2004-11-16

[30] US (60/471,074) 2003-05-16

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[21] 2,467,489

[13] A1

[51] Int.Cl. 7F01M 13/04

[25] EN

[54] BREATHER APPARATUS OF  
CRANKCASE

[54] RENIFLARD DE CARTER

[72] MATSUSHIMA, TOSHIYUKI, JP

[71] FUJI JUKOGYO KABUSHIKI  
KAISHA, JP

[22] 2004-05-18

[41] 2004-11-19

[30] JP (2003-140548) 2003-05-19

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[21] 2,467,507

[13] A1

[51] Int.Cl. 7H04L 12/26 7H04L 29/02

[25] EN

[54] DATA TRANSFER APPLICATION  
MONITOR AND CONTROLLER

[54] MONITEUR ET CONTROLEUR  
POUR APPLICATION DE TRANSFERT  
DE DONNEES

[72] WILLIAMS, CHRISTOPHER PIERCE,  
US

[71] TIME WARNER CABLE, A DIVISION  
OF TIME WARNER ENTERTAINMENT,  
US

[22] 2004-05-17

[41] 2004-11-16

[30] US (10/439,955) 2003-05-16

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**Canadian Applications Open to Public Inspection**  
**November 14, 2004 to November 20, 2004**

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[21] **2,467,548**  
 [13] A1

[51] Int.Cl. 7E06B 9/264 7E06B 9/32  
 [25] EN  
**[54] ONE-WAY DRIVE FOR WINDOW COVERINGS**  
**[54] ENTRAÎNEMENT UNIDIRECTIONNEL POUR COUVRE-FENETRES**  
 [72] GROMOTKA, GABRIEL P., US  
 [72] SCHRODER, PAUL D., US  
 [71] PELLA CORPORATION, US  
 [22] 2004-05-14  
 [41] 2004-11-14  
 [30] US (10/437,773) 2003-05-14

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[21] **2,467,571**  
 [13] A1

[51] Int.Cl. 7E21B 33/12 7E21B 23/01  
 [25] EN  
**[54] OPEN HOLE ANCHOR**  
**[54] DISPOSITIF D'ANCRAGE A DECOUVERT**  
 [72] WHANGER, KEN, US  
 [72] HARRALL, SIMON, GB  
 [72] BADRAK, ROBERT, US  
 [72] CUFFE, CHRISTOPHER, US  
 [71] WEATHERFORD/LAMB, INC., US  
 [22] 2004-05-19  
 [41] 2004-11-20  
 [30] US (10/442,690) 2003-05-20

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[21] **2,467,588**  
 [13] A1

[51] Int.Cl. 7G01B 11/16 7E21B 47/06  
 [25] EN  
**[54] HOUSING ON THE EXTERIOR OF A WELL CASING FOR OPTICAL FIBER SENSORS**  
**[54] BOITIER POUR CAPTEURS A FIBRE OPTIQUE SUR L'EXTERIEUR D'UN TUBAGE DE PUITS**  
 [72] NIEZGORSKI, RICHARD M., US  
 [72] OGLE, PETER C., US  
 [71] WEATHERFORD/LAMB, INC., US  
 [22] 2004-05-19  
 [41] 2004-11-19  
 [30] US (10/441,234) 2003-05-19

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[21] **2,467,601**  
 [13] A1

[51] Int.Cl. 7D21H 19/34 7B65D 30/08  
**7B32B 27/10 7D21H 27/10 7D21H 21/16**  
 [25] EN  
**[54] NON-FLUOROCARBON PAPER HAVING FLEXIBLE STARCH-BASED FILM AND METHODS OF PRODUCING SAME**  
**[54] PAPIER DE PROTECTION CONTRE DES CORPS GRAS EXEMPTS DE FLUOROCARBURES COMPORTANT UNE PELLICULE SOUPLE A BASE D'AMIDON ET METHODES POUR LE PRODUIRE**  
 [72] SHARP, STUART R., US  
 [72] EGAN, PHILIP A., US  
 [71] EXOPACK, L.L.C., US  
 [22] 2004-05-18  
 [41] 2004-11-19  
 [30] US (60/471,605) 2003-05-19  
 [30] US (UNKNOWN) 2004-05-12

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[21] **2,467,602**  
 [13] A1

[51] Int.Cl. 7B65D 30/08 7B65B 25/00  
**7B32B 27/10 7B65D 65/40 7B65D 65/42**  
**7B65D 85/72**  
 [25] EN  
**[54] NON-FLUOROCARBON HIGH TEMPERATURE PACKAGING HAVING FLEXIBLE STARCH-BASED FILM AND METHODS OF PRODUCING SAME**  
**[54] EMBALLAGE DE PROTECTION CONTRE DES CORPS GRAS EXEMPTS DE FLUOROCARBURES COMPORTANT UNE PELLICULE SOUPLE A BASE D'AMIDON ET METHODES POUR LE PRODUIRE**  
 [72] EGAN, PHILIP A., US  
 [72] SHARP, STUART R., US  
 [71] EXOPACK, L.L.C., US  
 [22] 2004-05-18  
 [41] 2004-11-19  
 [30] US (60/471,607) 2003-05-19  
 [30] US (UNKNOWN) 2004-05-12

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[21] **2,467,606**  
 [13] A1

[51] Int.Cl. 7B30B 11/00 7C10L 5/44  
 [25] EN  
**[54] PROCESS FOR THE PRODUCTION OF PELLETS**  
**[54] PROCESSUS DE FABRICATION DE BOULETTES**  
 [72] VON HAAS, GERNOT, DE  
 [72] KROLL, DETLEF, DE  
 [71] DIEFFENBACHER GMBH & CO., KG, DE  
 [22] 2004-05-18  
 [41] 2004-11-18  
 [30] DE (1 03 22 228.6) 2003-05-18

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[21] **2,467,608**  
 [13] A1

[51] Int.Cl. 7F02M 25/00 7F02B 77/00  
**7B23D 47/00 7B26D 7/00 7F02M 37/00**  
**7B24B 23/02 7B24B 27/08**  
 [25] EN  
**[54] MANUALLY OPERATED TOOL**  
**[54] OUTIL A MAIN**  
 [72] FRIEDRICH, SEBASTIAN, DE  
 [72] UHL, KLAUS-MARTIN, DE  
 [71] ANDREAS STIHL AG & CO. KG, DE  
 [22] 2004-05-19  
 [41] 2004-11-20  
 [30] DE (103 22 641.9) 2003-05-20

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[21] **2,467,615**  
 [13] A1

[51] Int.Cl. 7G01B 11/16  
 [25] EN  
**[54] WELL CASING INTEGRITY MONITORING SYSTEM**  
**[54] SYSTEME DE SURVEILLANCE DE L'INTEGRITE D'UN TUBAGE DE PUITS**  
 [72] OGLE, PETER C., US  
 [71] WEATHERFORD/LAMB, INC., US  
 [22] 2004-05-18  
 [41] 2004-11-19  
 [30] US (10/441,233) 2003-05-19

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**Demandes canadiennes mises à la disponibilité du public**  
**14 novembre 2004 au 20 novembre 2004**

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[21] **2,467,695**  
[13] A1

[51] Int.Cl. 7A61K 31/702 7C12P 19/00  
7A61P 31/04 7A23K 1/16 7A23K 1/24  
[25] EN  
[54] ISOMALTOOLIGOSACCHARIDES  
FROM LEUCONOSTOC AS  
NEUTRACEUTICALS  
[54] ISOMALTOOLIGOSACCHARIDES  
OBTENUS A PARTIR DE  
LEUCONOSTOC ET UTILISES COMME  
NEUTRACEUTIQUES  
[72] DAY, DONAL F., US  
[72] CHUNG, CHANG-HO, US  
[71] BOARD OF SUPERVISORS OF  
LOUISIANA STATE UNIVERSITY AND  
AGRICULTURAL AND MECHANICAL  
COLLEGE, US  
[22] 2004-05-19  
[41] 2004-11-20  
[30] US (60/471,942) 2003-05-20

[21] **2,467,708**  
[13] A1

[51] Int.Cl. 7C08L 77/00 7C08L 29/06  
[25] EN  
[54] RESIN COMPOSITION AND  
METHOD FOR PRODUCING THE  
SAME  
[54] COMPOSITION DE RESINE ET  
METHODE POUR LA PRODUIRE  
[72] HARA, TETSUYA, JP  
[72] OZEKI, YUKIO, JP  
[72] KAWAMURA, SYUKITI, JP  
[72] UCHIUMI, NAOHIKO, JP  
[72] IKEDA, KAORU, JP  
[71] KURARAY CO., LTD., JP  
[22] 2004-05-19  
[41] 2004-11-20  
[30] JP (2003-142237) 2003-05-20  
[30] JP (2003-289149) 2003-08-07  
[30] JP (2003-362442) 2003-10-22  
[30] JP (2003-362443) 2003-10-22

[21] **2,467,795**  
[13] A1

[51] Int.Cl. 7A61B 17/072 7A61B 17/068  
[25] EN  
[54] SURGICAL STAPLING  
INSTRUMENT HAVING SEPARATE  
DISTINCT CLOSING AND FIRING  
SYSTEMS  
[54] INSTRUMENT D'AGRAFAGE  
CHIRURGICAL MUNI DE DISPOSITIFS  
DE FERMETURE ET DE  
DECLENCHEMENT DISTINCTS  
[72] HEMMELGARN, BRIAN J., US  
[72] SETSER, MICHAEL E., US  
[72] SHELTON, FREDERICK E., IV, US  
[71] ETHICON ENDO-SURGERY, INC.,  
US  
[22] 2004-05-20  
[41] 2004-11-20  
[30] US (10/441,632) 2003-05-20

[21] **2,467,849**  
[13] A1

[51] Int.Cl. 7D21D 5/26 7D21C 9/02  
7D21D 5/24  
[25] EN  
[54] PLANT FOR CLEANING AND  
DEGASSING A FIBROUS SUSPENSION  
[54] POSTE DE NETTOYAGE ET DE  
DEGAZAGE DE SUSPENSION  
FIBREUSE  
[72] MANNES, WOLFGANG, DE  
[71] VOITH PAPER PATENT GMBH, DE  
[22] 2004-05-19  
[41] 2004-11-20  
[30] DE (103 22 572.2) 2003-05-20

[21] **2,467,872**  
[13] A1

[51] Int.Cl. 7G08B 17/10 7H01R 24/00  
[25] EN  
[54] ADAPTOR APPARATUS AND  
METHOD FOR INTERCHANGING  
SMOKE ALARMS  
[54] ADAPTATEUR ET METHODE  
D'INTERCHANGEABILITE DES  
DETECTEURS DE FUMEE  
[72] MOTT, KENNETH J., US  
[72] ANDRES, JOHN, US  
[71] WALTER KIDDE PORTABLE  
EQUIPMENT, INC., US  
[22] 2004-05-20  
[41] 2004-11-20  
[30] US (60/472,164) 2003-05-20

[21] **2,467,881**  
[13] A1

[51] Int.Cl. 7A61B 17/072 7A61B 17/068  
[25] EN  
[54] SURGICAL STAPLING  
INSTRUMENT HAVING A SINGLE  
LOCKOUT MECHANISM FOR  
PREVENTION OF FIRING  
[54] INSTRUMENT D'AGRAFAGE  
CHIRURGICAL MUNI D'UN  
MECANISME DE VEROUILLAGE  
SIMPLE POUR PREVENIR LE  
DECLENCHEMENT  
[72] WEISENBURGH, WILLIAM B., US  
[72] SHELTON, FREDERICK E., IV, US  
[72] SETSER, MICHAEL E., US  
[71] ETHICON ENDO-SURGERY, INC.,  
US  
[22] 2004-05-20  
[41] 2004-11-20  
[30] US (10/441,424) 2003-05-20

[21] **2,467,803**  
[13] A1

[51] Int.Cl. 7A61B 17/072 7A61B 17/068  
[25] EN  
[54] SURGICAL STAPLING  
INSTRUMENT INCORPORATING AN  
E-BEAM FIRING MECHANISM  
[54] INSTRUMENT D'AGRAFAGE  
CHIRURGICAL MUNI D'UN  
MECANISME DE DECLENCHEMENT  
ELECTRONIQUE  
[72] SHELTON, FREDERICK E., IV, US  
[72] WEISENBURGH, WILLIAM B., US  
[72] SETSER, MICHAEL E., US  
[71] ETHICON ENDO-SURGERY, INC.,  
US  
[22] 2004-05-20  
[41] 2004-11-20  
[30] US (10/443,617) 2003-05-20

**Canadian Applications Open to Public Inspection**  
**November 14, 2004 to November 20, 2004**

---

[21] 2,467,885
[13] A1
[51] Int.Cl. 7A61B 17/072 7A61B 17/068
[25] EN
[54] SURGICAL STAPLING INSTRUMENT HAVING A SPENT CARTRIDGE LOCKOUT
[54] INSTRUMENT D'AGRAFAGE CHIRURGICAL MUNI D'UN MECANISME DE VERROUILLAGE EN CAS DE CARTOUCHE VIDE
[72] SHELTON, FREDERICK E., IV, US
[72] SETSER, MICHAEL E., US
[72] WEISENBURGH, WILLIAM B., US
[71] ETHICON ENDO-SURGERY, INC., US
[22] 2004-05-20
[41] 2004-11-20
[30] US (10/441,565) 2003-05-20

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[21] 2,468,130
[13] A1
[51] Int.Cl. 7A61B 17/072 7A61B 17/068
[25] EN
[54] SURGICAL STAPLING INSTRUMENT HAVING A FIRING LOCKOUT FOR AN UNCLOSED ANVIL
[54] INSTRUMENT D'AGRAFAGE CHIRURGICAL MUNI D'UN MECANISME EMPECHANT LE DECLENCHEMENT LORSQUE L'ETAU EST OUVERT
[72] SHELTON, FREDERICK E., IV, US
[72] SETSER, MICHAEL E., US
[72] WEISENBURGH, WILLIAM B., US
[71] ETHICON ENDO-SURGERY, INC., US
[22] 2004-05-20
[41] 2004-11-20
[30] US (10/441,580) 2003-05-20

[21] 2,469,823
[13] A1
[51] Int.Cl. 7B60R 21/09 7B60T 7/06
7G05G 1/14
[25] FR
[54] DISPOSITIF DE PEDALIER RETRACTABLE EN CAS DE CHOC FRONTAL SUR UN VEHICULE
[54] RETRACTABLE PEDAL BOX FOR FRONTAL IMPACT PROTECTION
[72] HUMBERT, JEAN-MICHEL, FR
[72] ENDRIZZI, SILVIO, NL
[72] PIRANDA, BRUNO, FR
[72] JAGGER, CHRIS, GB
[72] CHAN-NG-YOK, LAURENT, FR
[72] DA SILVA, VICTOR, FR
[71] BCK TECHNOLOGY LTD., GB
[22] 2004-05-12
[41] 2004-11-19
[30] FR (03 05 964) 2003-05-19

---

[21] 2,467,940
[13] A1
[51] Int.Cl. 7A61L 31/02 7A61L 27/04
7A61F 2/06 7A61L 27/06
[25] EN
[54] IMPROVED RADIOPACITY INTRALUMINAL MEDICAL DEVICE
[54] DISPOSITIF MEDICAL INTRALUMINAL A RADIO-OPACITE AMELIOREE
[72] PELTON, ALAN, US
[72] DUERIG, THOMAS, US
[71] CORDIS CORPORATION, US
[22] 2004-05-20
[41] 2004-11-20
[30] US (60/471,998) 2003-05-20
[30] US (UNKNOWN) 2004-05-12

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[21] 2,469,822
[13] A1
[51] Int.Cl. 7G05B 23/02 7G05D 1/00
[25] FR
[54] DISPOSITIF DE REGLAGE D'AU MOINS UN PARAMETRE, EN PARTICULIER D'UN SYSTEME DE PILOTAGE AUTOMATIQUE D'UN AERONEF
[54] CONTROL SYSTEM HAVING AT LEAST ONE PARAMETER, SPECIFICALLY AN AUTOMATIC FLIGHT CONTROL SYSTEM FOR AIRCRAFT
[72] BOURRET, THIERRY, FR
[72] GRANGER, STEPHANE, FR
[71] AIRBUS FRANCE, FR
[22] 2004-05-17
[41] 2004-11-19
[30] FR (03 05948) 2003-05-19

[21] 2,469,827
[13] A1
[51] Int.Cl. 7B64D 43/00
[25] FR
[54] DISPOSITIF ET SYSTEME D'AFFICHAGE DE SECOURS D'UN AERONEF
[54] AIRCRAFT EMERGENCY DISPLAY DEVICE AND SYSTEM
[72] ROUQUETTE, PATRICE, FR
[72] SAINT AROMAN, STEPHANE, FR
[72] PLAT, MARIELLE, FR
[71] AIRBUS FRANCE, FR
[22] 2004-05-17
[41] 2004-11-19
[30] FR (03 05951) 2003-05-19

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[21] 2,468,074
[13] A1
[51] Int.Cl. 7A61M 16/00 7A61M 16/04
[25] EN
[54] INTRA/EXTRA-THORACIC COLLATERAL VENTILATION BYPASS SYSTEM
[54] SYSTEME DE DERIVATION A VENTILATION COLLATERALE INTRA ET EXTRA-THORACIQUE
[72] TANAKA, DON, US
[71] CORDIS CORPORATION, US
[22] 2004-05-20
[41] 2004-11-20
[30] US (60/472,101) 2003-05-20
[30] US (UNKNOWN) 2004-05-12

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[30] FR (03 05948) 2003-05-19
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[21] 2,469,831
[13] A1
[51] Int.Cl. 7C08F 214/24 7C08F 14/24
7C08F 14/26 7C08F 214/26 7C08F 14/28
7C08F 214/28
[25] FR
[54] POLYMERES A BASE DE CTFE/VCA/HFP OU TFE/VCA/HFP
[54] CTFE/VCA/HFP OR TFE/VCA/HFP POLYMERS
[72] PASCAL, THIERRY, FR
[72] FOURNIER, JEROME, FR
[72] ALRIC, JEROME, FR
[72] ROUSSEAU, ALAIN, FR
[72] KOSTOV, GEORGES, FR
[72] BOUTEVIN, BERNARD, FR
[71] ATOFINA, FR
[22] 2004-05-18
[41] 2004-11-19
[30] FR (03 05947) 2003-05-19

**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,469,837**

[13] A1

[51] Int.Cl. 7D21C 5/02

[25] FR

[54] PROCEDE DE DESENCRAGE DE  
PATE A PAPIER ET CELLULE DE  
FLOTATION UTILISEE POUR CE  
PROCEDE  
[54] PROCESS FOR REMOVING INK  
FROM PAPER PULP AND FLOAT CELL  
USED FOR THIS PROCESS

[72] SERRES, ALAIN, FR

[72] LACOUR, XAVIER, FR

[72] POTTIER, STEPHAN, FR

[71] KADANT LAMORT, SOCIETE PAR  
ACTIONS SIMPLIFIEE, FR

[22] 2004-05-14

[41] 2004-11-15

[30] FR (0305814) 2003-05-15

[30] FR (0450806) 2004-04-27

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[21] **2,469,849**

[13] A1

[51] Int.Cl. 7F23R 3/60 7F02C 3/14

[25] FR

[54] CHAMBRE DE COMBUSTION  
AYANT UNE LIAISON SOUPLE ENTRE  
UN FOND DE CHAMBRE ET UNE  
PAROI DE CHAMBRE  
[54] COMBUSTION CHAMBER  
HAVING A FLEXIBLE LIAISON  
BETWEEN THE CHAMBER FLOOR  
AND CHAMBER WALL

[72] DE SOUSA, MARIO, FR

[72] GUERVILLE, PHILIPPE, FR

[72] HERNANDEZ, DIDIER, FR

[71] SNECMA MOTEURS, FR

[22] 2004-05-13

[41] 2004-11-20

[30] FR (03 06016) 2003-05-20

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[21] **2,476,712**

[13] A1

[51] Int.Cl. 7B29C 45/00 7B29C 45/03

[25] EN

[54] METHOD FOR INJECTION  
MOLDING AND INJECTION MOLDING  
MACHINE THEREFOR  
[54] METHODE DE MOULAGE PAR  
INJECTION ET MACHINE DE  
MOULAGE PAR INJECTION  
CONNEXE

[72] REBEL, JACOB, CA

[71] REBEL, JACOB, CA

[22] 2004-08-17

[41] 2004-11-17

**Canadian Applications Open to Public Inspection  
November 14, 2004 to November 20, 2004**

# PCT Applications Entering the National Phase

## Demandes PCT entrant en phase nationale

<p><b>[21] 2,463,093</b> [13] A1</p> <p>[51] Int.Cl. 7B01D 15/08 7B01J 20/22 <b>7G01N 30/48</b> [25] EN [54] SEPARATION MEDIUM, ITS PREPARATION AND ITS USE [54] MILIEU DE SEPARATION, SA PREPARATION ET SON UTILISATION [72] MATTIASSEN, BO, SE [72] GALAEV, IGOR, SE [72] LOZINSKY, VLADIMIR, RU [72] PLIEVA, FATIMA, SE [71] PROTISTA INTERNATIONAL AB, SE [85] 2004-04-07 [86] 2002-10-11 (PCT/SE2002/001857) [87] 2003-04-17 (WO2003/031014) [30] SE (0103403-2) 2001-10-12</p>	<p><b>[21] 2,466,445</b> [13] A1</p> <p>[51] Int.Cl. 7A61B 5/04 [25] EN [54] MODULATING BODY ORGAN FUNCTION USING SPECIFIC BRAIN WAVEFORMS [54] DISPOSITIF ET PROCEDE D'ENREGISTREMENT, DE STOCKAGE ET DE DIFFUSION DE FORMES D'ONDES DU CERVEAU AFIN DE MODULER LE FONCTIONNEMENT D'UN ORGANE CORPOREL [72] LEE, CLAUDE K., US [72] SCHULER, ELEANOR, US [71] SCIENCE MEDICUS, INC., US [85] 2004-05-19 [86] 2002-11-18 (PCT/US2002/036879) [87] 2003-11-20 (WO2003/096145) [30] US (10/000,005) 2001-11-20</p>	<p><b>[21] 2,468,352</b> [13] A1</p> <p>[51] Int.Cl. 7B22D 19/02 7B22D 19/06 <b>7B22D 19/08</b> [25] EN [54] CAST PART WITH ENHANCED WEAR RESISTANCE [54] PIECES DE FONDERIE AVEC UNE RESISTANCE ACCRUE A L'USURE [72] PONCIN, CLAUDE, BE [72] VESCERA, FRANCESCO, BE [71] PONCIN, CLAUDE, BE [71] DE PODHRADSZKY, NATASHA, BE [85] 2004-10-12 [86] 2002-09-30 (PCT/BE2002/000150) [87] 2003-06-12 (WO2003/047791) [30] EP (01870267.0) 2001-12-04</p>
<p><b>[21] 2,466,184</b> [13] A1</p> <p>[51] Int.Cl. 7G06F 3/00 7G06F 17/00 [25] EN [54] USER INTERFACE AUTOMATION FRAMEWORK CLASSES AND INTERFACES [54] CLASSES ET INTERFACES POUR CADRE D'AUTOMATISATION D'INTERFACE UTILISATEUR [72] WAGONER, PATRICIA M., US [72] SINCLAIR, ROBERT, US [72] BURNS, HEATHER S., US [72] FRIEDMAN, MICHAEL A., US [72] MCKEON, BRENDAN, US [72] REID, PAUL J., US [71] MICROSOFT CORPORATION, US [85] 2004-05-25 [86] 2003-05-17 (PCT/US2003/015272) [87] 2004-11-16 (WO/) [30] US (10/439,514) 2003-05-16</p>	<p><b>[21] 2,467,786</b> [13] A1</p> <p>[51] Int.Cl. 7G02C 7/06 [25] EN [54] BALANCED PROGRESSIVE LENS [54] LENTILLE PROGRESSIVE EQUILIBREE [72] NOLAN, ANGELA MOIRA, AU [72] FISHER, SCOTT WARREN, AU [72] STOCKMAN, KYM ANSLEY, AU [72] MILLER, ANTHONY DENNIS, AU [72] MORRIS, MICHAEL ALAN, US [72] VARNAS, SAULIUS RAYMOND, AU [71] SOLA INTERNATIONAL HOLDINGS LTD., AU [85] 2004-05-19 [86] 2002-12-04 (PCT/AU2002/001641) [87] 2003-06-12 (WO2003/048841) [30] AU (PR 9324) 2001-12-05</p>	<p><b>[21] 2,469,163</b> [13] A1</p> <p>[51] Int.Cl. 7G06F 17/30 [25] EN [54] FILE SYSTEM SHELL [54] COQUE DE SYSTEME DE FICHiers [72] SHELDON, DAVID J., US [72] GUZAK, CHRIS J., US [72] BANKS, RICHARD M., US [72] MINER, PATRICE L., US [72] HALLY, JUDSON C., US [72] BALLOU, NATHANIEL H., US [72] MOORE, JASON F., US [72] KURTZ, JAMES B., US [72] DE VORCHIK, DAVID G., US [72] BEAM, TYLER K., US [71] MICROSOFT CORPORATION, US [85] 2004-06-01 [86] 2003-05-16 (PCT/US2003/015610) [87] 2004-11-16 (WO/)</p>

## PCT Applications Entering the National Phase

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[21] 2,470,177  
[13] A1

[51] Int.Cl. 7G06F 17/00  
[25] EN  
[54] SYSTEM AND METHOD FOR CONTROLLING USER INTERFACE PROPERTIES WITH DATA  
[54] SYSTEME ET METHODE DE CONTROLE DES PROPRIETES D'UNE INTERFACE UTILISATEUR A PARTIR DE DONNEES  
[72] HOPMANN, ALEXANDER I., US  
[72] GUPTA, NAMITA, US  
[72] JENNI, DAVID J., US  
[72] BENT, SAMUEL W., US  
[71] MICROSOFT CORPORATION, US  
[85] 2004-06-28  
[86] 2003-05-17 (PCT/US2003/015708)  
[87] 2004-11-17 (WO/)

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[21] 2,470,720  
[13] A1

[51] Int.Cl. 7G06F 17/00 7G06F 7/00  
[25] EN  
[54] MECHANISM FOR APPLYING TRANSFORMS TO MULTI-PART FILES  
[54] MECANISME D'APPLICATION DE TRANSFORMATIONS A DES FICHIERS EN PLUSIEURS PARTIES  
[72] CAHILL, JASON M., US  
[72] ORNSTEIN, DAVID B., US  
[72] CHENG, ROGER, US  
[72] HILLBERG, MICHAEL J., US  
[71] MICROSOFT CORPORATION, US  
[85] 2004-06-28  
[86] 2003-05-17 (PCT/US2003/015707)  
[87] 2004-11-17 (WO/)

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[21] 2,472,366  
[13] A1

[51] Int.Cl. 7G06F 17/60 7G06F 12/14  
[25] EN  
[54] MECHANISM FOR EVALUATING SECURITY RISKS  
[54] MECANISME D'EVALUATION DES RISQUES DE SECURITE  
[72] RANDATMISIER, VIRESH, US  
[72] KHORUN, SERGE, US  
[72] COOL, JAMIE, US  
[72] SCHREINER, TONY, US  
[72] XU, JINGYANG, US  
[72] BYBEE, ANDREW, US  
[72] HAWKINS, JOHN, US  
[72] FARRO, JOE, US  
[72] GOLDFEDER, AARON, US  
[72] EPLING, JEREMY, US  
[72] FEE, GREGORY DARRELL, US  
[71] MICROSOFT CORPORATION, US  
[85] 2004-06-28  
[86] 2003-05-17 (PCT/US2003/015709)  
[87] 2004-11-17 (WO/)

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[21] 2,472,552  
[13] A1

[51] Int.Cl. 7G06F 17/30  
[25] EN  
[54] SYSTEM AND METHOD FOR PROVIDING MULTIPLE RENDITIONS OF DOCUMENT CONTENT  
[54] SYSTEME ET METHODE PERMETTANT DE FOURNIR DE MULTIPLES REPRESENTATIONS DU CONTENU D'UN DOCUMENT  
[72] KIM, YOUNG GAH, US  
[72] CAHILL, JASON M., US  
[72] ORNSTEIN, DAVID B., US  
[72] SENDER, ILAN S., US  
[72] KING, JOSEPH, US  
[71] MICROSOFT CORPORATION, US  
[85] 2004-06-28  
[86] 2003-05-17 (PCT/US2003/015705)  
[87] 2004-11-17 (WO/)

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[21] 2,475,082  
[13] A1

[51] Int.Cl. 7A61G 3/06 7A61G 3/08  
7B65G 69/28 7B60P 1/44  
[25] EN  
[54] SAFETY BELT SYSTEM FOR WHEELCHAIR LIFTS  
[54] SYSTEME DE CEINTURE DE SECURITE POUR PLATEFORME ELEVATRICE POUR FAUTEUIL ROULANT  
[72] PIERROU, JAMES R., US  
[72] THORNBURG, KENNETH E., US  
[72] HERMANSON, JEFFREY J., US  
[72] HEIGL, KEITH D., US  
[72] KASTEN, MICHAEL E., JR., US  
[71] THE BRAUN CORPORATION, US  
[85] 2004-08-06  
[86] 2003-01-08 (PCT/US2003/000458)  
[87] 2003-08-14 (WO2003/065960)  
[30] US (60/355,175) 2002-02-07  
[30] US (60/361,989) 2002-03-05

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[21] 2,476,887  
[13] A1

[51] Int.Cl. 7A61K 48/00 7A61K 38/17  
7A61K 31/7088  
[25] EN  
[54] A FOLLISTATIN DOMAIN CONTAINING PROTEIN  
[54] PROTEINE CONTENANT UN DOMAINE DE FOLLISTATINE  
[72] WOLFMAN, NEIL M., US  
[72] HILL, JENNIFER J., US  
[71] WYETH COMPANY, US  
[85] 2004-08-19  
[86] 2003-02-21 (PCT/US2003/005151)  
[87] 2003-09-04 (WO2003/072715)  
[30] US (60/357,845) 2002-02-21  
[30] US (60/434,644) 2002-12-20

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[21] 2,476,894  
[13] A1

[51] Int.Cl. 7C07K 14/47 7C12P 21/02  
7A01K 67/027 7A61K 38/17 7A61K 38/36  
7A61K 38/48 7C12N 9/74 7C07K 14/75  
[25] EN  
[54] TRANSGENIC PRODUCTION IN SALIVA  
[54] PRODUCTION GENIQUE DANS LA SALIVE  
[72] ERICKSON, JEFFREY P., US  
[71] AMERICAN INTEGRATED BIOLOGICS, INC., US  
[85] 2004-08-19  
[86] 2003-02-20 (PCT/US2003/004807)  
[87] 2003-08-28 (WO2003/069984)  
[30] US (60/357,641) 2002-02-20

## Demandes PCT entrant en phase nationale

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[21] 2,476,990  
[13] A1

[51] Int.Cl. 7A01K 15/00 7A01K 27/00  
7A01K 29/00  
[25] EN  
[54] SPRAY CONTROL ANTI-BARK COLLAR  
[54] COLLIER ANTI-ABOIEMENT A COMMANDE DE PULVERISATION  
[72] LEE, ALBERT L., IV, US  
[72] GROH, WILLIAM S., US  
[71] RADIO SYSTEMS CORPORATION, US  
[85] 2004-08-20  
[86] 2002-08-09 (PCT/US2002/025294)  
[87] 2003-09-04 (WO2003/071982)  
[30] US (10/079,216) 2002-02-20

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[21] 2,476,999  
[13] A1

[51] Int.Cl. 7A61K 39/00 7A61N 5/00  
7A61P 35/00 7A61P 35/04 7A61L 2/08  
7A61K 35/12  
[25] EN  
[54] STERILE IMMUNOGENIC NON-TUMORIGENIC TUMOR CELL COMPOSITIONS AND METHODS  
[54] COMPOSITIONS DE CELLULES TUMORALES NON ONCOGENES IMMUNOGENES STERILES ET METHODES  
[72] HASPEL, MARTIN V., US  
[72] POMATO, NICHOLAS, US  
[72] HANNA, MICHAEL G., JR., US  
[71] INTRACEL RESOURCES LLC, US  
[85] 2004-08-20  
[86] 2003-02-21 (PCT/US2003/005154)  
[87] 2003-09-04 (WO2003/072032)  
[30] US (60/358,431) 2002-02-22

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[21] 2,477,002  
[13] A1

[51] Int.Cl. 7C12N 15/62 7C12Q 1/02  
7C12N 5/10 7C12N 15/12 7C12N 15/79  
[25] EN  
[54] ASSAYS TO MONITOR AMYLOID PRECURSOR PROTEIN PROCESSING  
[54] DOSAGES SERVANT A CONTROLE LA MATURATION MOLECULAIRE D'UNE PROTEINE PRECURSEUR AMYLOÏDE  
[72] SHI, XIAO-PING, US  
[72] REGISTER, BRUCE, US  
[72] HAZUDA, DARIA J., US  
[72] MILLER, MICHAEL D., US  
[72] INGLESE, JAMES, US  
[72] FLORES, OSVALDO A., US  
[72] FERRER, MARC, US  
[72] ESPESETH, AMY S., US  
[72] ZUCK, PAUL D., US  
[72] SIMON, ADAM J., US  
[71] MERCK & CO., INC., US  
[85] 2004-08-20  
[86] 2003-02-23 (PCT/US2003/005458)  
[87] 2003-09-04 (WO2003/072041)  
[30] US (60/360,274) 2002-02-27

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[21] 2,477,004  
[13] A1

[51] Int.Cl. 7A61K 47/48 7A61K 31/00  
7A61P 25/36 7A61K 47/42  
[25] EN  
[54] NOVEL SUSTAINED RELEASE PHARMACEUTICAL COMPOUNDS TO PREVENT ABUSE OF CONTROLLED SUBSTANCES  
[54] NOUVEAUX COMPOSES PHARMACEUTIQUES A LIBERATION PROLONGEE DESTINES A EMPECHER LA CONSOMMATION ABUSIVE DE SUBSTANCES CONTROLEES  
[72] PICCARIELLO, THOMAS, US  
[72] KIRK, RANDAL J., US  
[71] NEW RIVER PHARMACEUTICALS INC., US  
[85] 2004-08-20  
[86] 2003-02-24 (PCT/US2003/005525)  
[87] 2003-09-04 (WO2003/072046)  
[30] US (60/358,368) 2002-02-22  
[30] US (60/362,082) 2002-03-07

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[21] 2,477,014  
[13] A1

[51] Int.Cl. 7C07H 21/00 7A61K 48/00  
7A61K 31/7088  
[25] EN  
[54] RNA INTERFERENCE MEDIATED INHIBITION OF TNF AND TNF RECEPTOR SUPERFAMILY GENE EXPRESSION USING SHORT INTERFERING NUCLEIC ACID (SINA)  
[54] INHIBITION, INDUISTE PAR ARN D'INTERFERENCE, DE L'EXPRESSION GENIQUE DE LA SUPERFAMILLE TNF ET DE LA SUPERFAMILLE DES RECEPTEURS DE TNF A L'AIDE D'UN ACIDE NUCLEIQUE A INTERFERENCE COURTE (SINA)  
[72] BEIGELMAN, LEONID, US  
[72] MCSWIGGEN, JAMES, US  
[71] SIRNA THERAPEUTICS, INC., US  
[85] 2004-08-19  
[86] 2003-02-20 (PCT/US2003/004741)  
[87] 2003-08-28 (WO2003/070897)  
[30] US (60/358,580) 2002-02-20  
[30] US (60/363,124) 2002-03-11  
[30] US (60/386,782) 2002-06-06  
[30] US (60/406,784) 2002-08-29  
[30] US (60/408,378) 2002-09-05  
[30] US (60/409,293) 2002-09-09  
[30] US (60/429,359) 2002-11-28  
[30] US (60/440,129) 2003-01-15

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[21] 2,477,956  
[13] A1

[51] Int.Cl. 7C09C 3/06 7C09D 201/00  
7C09D 7/12  
[25] EN  
[54] COATED POWDER, COATING COMPOSITION, AND COATED ARTICLE  
[54] POUDRE ENROBEE, COMPOSITION DE REVETEMENT ET ARTICLES REVETUS  
[72] KISHIMOTO, AKIRA, JP  
[72] OGURA, SHINICHI, JP  
[72] HOSHINO, KIYOSHI, JP  
[72] ITO, TAKAHIRO, JP  
[72] ATARASHI, TAKAFUMI, JP  
[72] NAKATSUKA, KATSUTO, JP  
[71] NAKATSUKA, KATSUTO, JP  
[71] NITTETSU MINING CO., LTD., JP  
[85] 2004-09-14  
[86] 2002-03-14 (PCT/JP2002/002434)  
[87] 2003-09-18 (WO2003/076526)

## PCT Applications Entering the National Phase

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[21] 2,478,180  
[13] A1

[51] Int.Cl. 7A63F 13/00  
[25] EN  
[54] METHOD AND DEVICE FOR MAKING BETS  
[54] PROCEDE ET APPAREIL PERMETTANT DE REALISER DES PARIS  
[72] RUIZ OCAMPO, FERNANDO VICENTE, MX  
[71] RUIZ OCAMPO, FERNANDO VICENTE, MX  
[85] 2004-09-14  
[86] 2002-09-06 (PCT/MX2002/000086)  
[87] 2003-03-20 (WO2003/022378)  
[30] MX (01009037) 2001-09-07

---

[21] 2,478,598  
[13] A1

[51] Int.Cl. 7F28G 13/00 7C10G 9/12  
[25] FR  
[54] PROCEDE D'ELIMINATION AU MOINS PARTIELLE DE DEPOSITS CARBONES DANS UN ECHANGEUR DE CHALEUR  
[54] METHOD OF AT LEAST PARTIALLY REMOVING CARBON DEPOSITS FROM A HEAT EXCHANGER  
[72] NASTOLL, WILLY, FR  
[72] SABIN, DOMINIQUE, FR  
[71] PACKINOX SA, FR  
[71] INSTITUT FRANCAIS DU PETROLE, FR  
[85] 2004-09-09  
[86] 2003-01-30 (PCT/FR2003/000280)  
[87] 2003-09-25 (WO2003/078914)  
[30] FR (02/03209) 2002-03-15

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[21] 2,478,786  
[13] A1

[51] Int.Cl. 7B67B 7/18  
[25] EN  
[54] ROTATING CAP OPENER  
[54] DISPOSITIF D'OUVERTURE POUR RECIPIENTS A COUVERCLE ROTATIF  
[72] RUFFNER, WALTER, CH  
[72] HEFTI, ROLF, CH  
[71] HEFTITEC SA, CH  
[85] 2004-09-09  
[86] 2002-03-19 (PCT/CH2002/000163)  
[87] 2003-09-25 (WO2003/078295)

---

[21] 2,478,805  
[13] A1

[51] Int.Cl. 7B01J 19/08 7C07C 6/00  
[25] EN  
[54] CONTROLLING CHEMICAL REACTIONS BY SPECTRAL CHEMISTRY AND SPECTRAL CONDITIONING  
[54] CONTROLE DE REACTIONS CHIMIQUES PAR ANALYSE SPECTRALE ET CONDITIONNEMENT SPECTRAL  
[72] MORTENSON, MARK G., US  
[72] BLUM, BENTLEY J., US  
[72] BROOKS, JULIANA H. J., US  
[71] BERKSHIRE LABORATORIES, INC., US  
[85] 2004-09-09  
[86] 2003-03-11 (PCT/US2003/008236)  
[87] 2003-09-25 (WO2003/078361)  
[30] US (60/363,257) 2002-03-11  
[30] US (60/366,755) 2002-03-21  
[30] US (60/403,225) 2002-08-13  
[30] US (60/403,251) 2002-08-13  
[30] US (60/439,223) 2003-01-10

---

[21] 2,478,807  
[13] A1

[51] Int.Cl. 7C25B 15/02 7B01J 19/12  
[25] EN  
[54] IMPROVEMENTS IN ELECTROCHEMISTRY  
[54] AMELIORATIONS APPORTEES EN ELECTROCHIMIE  
[72] MORTENSON, MARK G., US  
[72] BROOKS, JULIANA H. J., US  
[72] BLUM, BENTLEY J., US  
[71] BERKSHIRE LABORATORIES, INC., US  
[85] 2004-09-09  
[86] 2003-03-11 (PCT/US2003/008241)  
[87] 2003-09-25 (WO2003/078362)  
[30] US (60/363,152) 2002-03-11  
[30] US (60/366,755) 2002-03-21  
[30] US (60/403,251) 2002-08-13  
[30] US (60/403,225) 2002-08-13  
[30] US (60/439,223) 2003-01-10

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[21] 2,478,811  
[13] A1

[51] Int.Cl. 7A61K 9/26 7A61K 9/00  
[25] EN  
[54] TASTED MASKED VETERINARY SOLID COMPOSITIONS  
[54] COMPOSITIONS SOLIDES VETERINAIRES A GOUT MASQUE  
[72] ISELE, UTE, DE  
[72] SCHOTE, UWE THOMAS, CH  
[72] THOMA, HUBERT, DE  
[71] NOVARTIS AG, CH  
[85] 2004-09-09  
[86] 2003-03-10 (PCT/EP2003/002446)  
[87] 2003-09-18 (WO2003/075895)  
[30] EP (02005511.7) 2002-03-11

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[21] 2,478,812  
[13] A1

[51] Int.Cl. 7C02F 3/06  
[25] EN  
[54] BIOMASS CONCENTRATOR REACTOR  
[54] REACTEUR CONCENTRATEUR DE BIOMASSE  
[72] VENOSA, ALBERT, US  
[72] SUIDAN, MAKRAM T., US  
[71] UNITED STATES  
ENVIRONMENTAL PROTECTION AGENCY, US  
[71] UNIVERSITY OF CINCINNATI, US  
[85] 2004-09-14  
[86] 2003-02-06 (PCT/US2003/003448)  
[87] 2003-08-14 (WO2003/066536)  
[30] US (60/354,257) 2002-02-06

## Demandes PCT entrant en phase nationale

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**[21] 2,478,813**

[13] A1

[51] Int.Cl. 7A61K 31/4704 7A61P 35/00  
7C07D 487/04 7C07D 401/06 7A61K 31/  
4709 7A61K 31/4745  
[25] EN  
[54] BENZYLIMIDAZOLYL  
SUBSTITUTED 2-QUINOLINE AND  
QUINAZOLINE DERIVATIVES FOR  
USE AS FARNESYL TRANSFERASE  
INHIBITORS  
[54] DERIVES DE 2-QUINOLEINE ET  
DE 2-QUINAZOLINE SUBSTITUES PAR  
DU BENZYLIMIDAZOLE UTILISES EN  
TANT QU'INHIBITEURS DE  
FARNESYL TRANSFERASE  
[72] MEYER, CHRISTOPHE, FR  
[72] BRESLIN, HENRY JOSEPH, US  
[72] VENET, MARC GASTON, FR  
[72] ANGIBAUD, PATRICK RENE, FR  
[71] JANSSEN PHARMACEUTICA, NV,  
BE  
[85] 2004-09-09  
[86] 2003-03-18 (PCT/EP2003/002874)  
[87] 2003-10-02 (WO2003/080058)  
[30] EP (02076157.3) 2002-03-22

**[21] 2,478,818**

[13] A1

[51] Int.Cl. 7B31F 1/00 7B31F 7/00  
[25] EN  
[54] METHOD AND EQUIPMENT FOR  
MOULDING AN ARTICLE PRODUCED  
FROM PAPERBOARD  
[54] PROCEDE ET MATERIEL DE  
MOULAGE D'UN ARTICLE EN  
CARTON  
[72] RAESAENEN, JARI, FI  
[72] KARINE, SEppo, FI  
[71] STORA ENSO OYJ, FI  
[85] 2004-09-09  
[86] 2003-04-08 (PCT/FI2003/000262)  
[87] 2003-10-16 (WO2003/084739)  
[30] FI (20020671) 2002-04-09

**[21] 2,478,819**

[13] A1

[51] Int.Cl. 7C08J 3/12 7C08J 3/03  
[25] EN  
[54] GRINDING PROCESS FOR  
PLASTIC MATERIAL AND  
COMPOSITIONS THEREFROM  
[54] PROCEDE DE PULVERISATION  
D'UN PLASTIQUE ET COMPOSITIONS  
OBTENUES A PARTIR DE CE  
PROCEDE  
[72] ALLEN, WILLIAM MAXWELL, JR.,  
US  
[72] NODA, ISAO, US  
[71] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 2004-09-09  
[86] 2003-02-27 (PCT/US2003/005977)  
[87] 2003-10-02 (WO2003/080715)  
[30] US (10/100,662) 2002-03-18

**[21] 2,478,820**

[13] A1

[51] Int.Cl. 7H02P 7/00 7G05B 5/00 7H02P  
3/00 7H02P 1/04 7H02H 7/08  
[25] EN  
[54] AN ASYMMETRIC DRIVE MOTOR  
FOR A BARRIER OPERATOR OR THE  
LIKE  
[54] MOTEUR D'ENTRAINEMENT  
ASYMETRIQUE POUR MECANISME  
OPERATEUR DE BARRIERE OU  
ANALOGUE  
[72] WILLMOTT, COLIN B., US  
[72] LAIRD, EDWARD T., US  
[72] FITZGIBBON, JAMES J., US  
[71] THE CHAMBERLAIN GROUP, INC.,  
US  
[85] 2004-09-09  
[86] 2003-03-19 (PCT/US2003/008618)  
[87] 2003-10-02 (WO2003/079755)  
[30] US (10/102,122) 2002-03-20

**[21] 2,478,824**

[13] A1

[51] Int.Cl. 7G01N 13/02 7B01L 3/00  
7G01N 1/00  
[25] EN  
[54] A METHOD FOR INTENSIFYING  
THE OPTICAL DETECTION OF  
SAMPLES THAT ARE HELD IN  
SOLUTION IN THE THROUGH-HOLE  
WELLS OF A HOLDING TRAY  
[54] PROCEDE D'INTENSIFICATION  
DE LA DETECTION OPTIQUE  
D'ECHANTILLONS CONTENUS EN  
SOLUTION DANS DES PUITS  
TRAVERSANTS D'UN PLATEAU DE  
RECEPTION  
[72] LAFFERTY, WILLIAM MICHAEL,  
US  
[71] DIVERSA CORPORATION, US  
[85] 2004-09-09  
[86] 2003-03-20 (PCT/US2003/008499)  
[87] 2003-10-09 (WO2003/083447)  
[30] US (10/103,977) 2002-03-22

**[21] 2,478,828**

[13] A1

[51] Int.Cl. 7A47G 29/02  
[25] EN  
[54] MODULAR SYSTEM  
[54] SYSTEME MODULAIRE  
[72] LAMPARTER, RONALD, C., US  
[71] LAMPARTER, RONALD, C., US  
[85] 2004-09-14  
[86] 2003-03-14 (PCT/US2003/007702)  
[87] 2003-09-25 (WO2003/078233)  
[30] US (60/364,913) 2002-03-15

**[21] 2,478,830**

[13] A1

[51] Int.Cl. 7B01J 27/26 7C08G 65/26  
[25] EN  
[54] METHOD FOR PREPARING  
METAL CYANIDE CATALYSTS USING  
INSOLUBLE METAL SALTS  
[54] PROCEDE POUR PREPARER DES  
CATALYSEURS AU CYANURE  
METALLIQUE A L'AIDE DE SELS  
METALLIQUES INSOLUBLES  
[72] WEHMEYER, RICHARD M., US  
[71] DOW GLOBAL TECHNOLOGIES  
INC., US  
[85] 2004-09-16  
[86] 2003-03-17 (PCT/US2003/008001)  
[87] 2003-10-02 (WO2003/080239)  
[30] US (60/365,666) 2002-03-19

## PCT Applications Entering the National Phase

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[21] 2,478,836

[13] A1

[51] Int.Cl. 7G06F 17/30 7G06F 9/44  
 [25] EN  
**[54] A PROCESSING SYSTEM FOR USE WITH A USER INTERFACE**  
**[54] SYSTEME DE TRAITEMENT DESTINE A ETRE UTILISE AVEC UN DISPOSITIF D'AFFICHAGE D'INTERFACE UTILISATEUR**  
 [72] HALEY, JOHN D., US  
 [71] SIEMENS MEDICAL SOLUTIONS HEALTH SERVICES CORPORATION, US  
 [85] 2004-09-14  
 [86] 2003-03-17 (PCT/US2003/008299)  
 [87] 2003-10-02 (WO2003/081479)  
 [30] US (10/101,343) 2002-03-19

---

[21] 2,478,838

[13] A1

[51] Int.Cl. 7H04N 7/173 7H04N 7/16  
 [25] EN  
**[54] EXPORTING DATA FROM A DIGITAL HOME COMMUNICATION TERMINAL TO A CLIENT DEVICE**  
**[54] EXPORTATION DE DONNEES A PARTIR D'UN TERMINAL DE COMMUNICATION NUMERIQUE A DOMICILE VERS UN DISPOSITIF CLIENT**  
 [72] ROBINSON, JONATHAN A., US  
 [72] LETT, DAVID B., US  
 [72] GAUL, MICHAEL A., US  
 [72] RUSS, SAMUEL H., US  
 [71] SCIENTIFIC ATLANTA INC., US  
 [85] 2004-09-15  
 [86] 2003-03-19 (PCT/US2003/008598)  
 [87] 2003-10-09 (WO2003/083606)  
 [30] US (10/104,921) 2002-03-22

---

[21] 2,478,840

[13] A1

[51] Int.Cl. 7H01M 8/02 7H01M 8/24  
 [25] EN  
**[54] POWER GENERATION SYSTEM HAVING FUEL CELL MODULES**  
**[54] SYSTEME DE GENERATION DE PUISSANCE POSSESSANT DES MODULES DE PILES A COMBUSTIBLE**  
 [72] RICHARDS, WILLIAM R., US  
 [71] RICHARDS ENGINEERING, US  
 [85] 2004-09-15  
 [86] 2003-03-24 (PCT/US2003/008819)  
 [87] 2003-10-09 (WO2003/083982)  
 [30] US (60/366,256) 2002-03-22  
 [30] US (60/366,257) 2002-03-22

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[21] 2,478,846

[13] A1

[51] Int.Cl. 7A61K 39/385 7A61P 31/00  
 7A61P 35/00 7C07K 14/18 7A61K 39/21  
**7A61K 39/29**  
 [25] FR  
**[54] UTILISATION DE MELANGES DE LIPOPEPTIDES POUR LA FABRICATION DE VACCINS**  
**[54] USE OF MIXTURES OF LIPOPEPTIDES FOR VACCINE PRODUCTION**  
 [72] MALINGUE, FREDERIC, FR  
 [72] JOLY, PASCAL, FR  
 [72] BONNET, DOMINIQUE, FR  
 [72] MELNYK, OLEG, FR  
 [72] GUILLET, JEAN-GERARD, FR  
 [72] BOURGAULT-VILLADA, ISABELLE, FR  
 [72] GEORGES, BERTRAND, FR  
 [72] GRAND JEAN, CYRILLE, FR  
 [72] GRAS MASSE, HELENE, FR  
 [72] DUPUIS, MARION, FR  
 [72] BOUREL, LINE, FR  
 [71] INSTITUT PASTEUR DE LILLE, FR  
 [71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR  
 [71] UNIVERSITE DE LILLE 2, FR  
 [71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR  
 [71] SEDAC-THERAPEUTICS (SOCIETE D'ETUDE ET DE DEVELOPPEMENT DES ANTIGENES COMBINATOIRES), FR  
 [85] 2004-09-13  
 [86] 2003-03-14 (PCT/FR2003/000821)  
 [87] 2003-09-18 (WO2003/075956)  
 [30] FR (02/03189) 2002-03-14

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[21] 2,478,860

[13] A1

[51] Int.Cl. 7H04B 7/216 7H04J 3/00  
 7H04Q 7/24 7H04L 12/28 7H04L 12/66  
 [25] EN  
**[54] TDD-RLAN WIRELESS TELECOMMUNICATION SYSTEM WITH RAN IP GATEWAY AND METHODS**  
**[54] SYSTEME DE TELECOMMUNICATION SANS FIL TDD-RLAN AVEC PASSERELLE IP RAN ET PROCESSES**  
 [72] KAZAKEVICH, LEONID, US  
 [72] MENON, NARAYAN PARAPPIL, US  
 [72] OZLUTURK, FATIH M., US  
 [72] RAHMAN, SHAMIN AKBAR, CA  
 [72] HUNKELER, TERESA JOANNE, CA  
 [72] KIERNAN, BRIAN GREGORY, US  
 [72] CHITRAPU, PRABHAKAR R., US  
 [72] CHAO, YI-JU, US  
**[71] INTERDIGITAL TECHNOLOGY CORPORATION, US**  
 [85] 2004-09-09  
 [86] 2003-03-25 (PCT/US2003/009170)  
 [87] 2003-10-09 (WO2003/084096)  
 [30] US (60/367,949) 2002-03-26  
 [30] US (60/367,975) 2002-03-26  
 [30] US (60/367,946) 2002-03-26  
 [30] US (60/367,945) 2002-03-26  
 [30] US (60/367,950) 2002-03-26  
 [30] US (60/367,948) 2002-03-26  
 [30] US (10/329,033) 2002-12-23

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[21] 2,478,862

[13] A1

[51] Int.Cl. 7D21G 9/00 7D21F 7/04  
**7G01N 21/89**  
 [25] EN  
**[54] METHOD AND SYSTEM FOR MAINTAINING RUNNABILITY IN A PAPER OR BOARD MACHINE**  
**[54] PROCEDE ET SYSTEME POUR LE MAINTIEN DU COMPORTEMENT MACHINE DANS UNE MACHINE A PAPIER OU A CARTON**  
 [72] KOLJONEN, VELI-PEKKA, FI  
 [72] KIELINEN, JARI, FI  
 [72] LAMPINEN, JARI, FI  
 [72] AHVENAINEN, PASI, FI  
 [72] HIETANEN, PEKKA (DECEASED), FI  
 [71] METSO PAPER, INC., FI  
 [85] 2004-09-09  
 [86] 2003-03-25 (PCT/FI2003/000225)  
 [87] 2003-10-02 (WO2003/080928)  
 [30] FI (20025015) 2002-03-27  
 [30] FI (20025055) 2002-12-03

## Demandes PCT entrant en phase nationale

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[21] 2,478,864  
[13] A1

[51] Int.Cl. 7B60H 1/00  
[25] EN  
[54] VEHICULAR HEAT PUMP SYSTEM AND MODULE THEREFOR  
[54] SYSTEME DE POMPE A CHALEUR VEHICULAIRE ET MODULE ASSOCIE  
[72] COLLIER, SAMUEL J., US  
[71] MODINE MANUFACTURING COMPANY, US  
[85] 2004-09-09  
[86] 2002-12-11 (PCT/US2002/039539)  
[87] 2003-11-20 (WO2003/095250)  
[30] US (10/140,457) 2002-05-07

[21] 2,478,869  
[13] A1

[51] Int.Cl. 7H04Q 11/00  
[25] EN  
[54] OPTICAL CROSS-CONNECTOR CONTAINING A MULTI-STAGE CLOS NETWORK IN WHICH A SINGLE-STAGE MATRIX COMPRISSES ONE STAGE OF THE CLOS NETWORK  
[54] RESEAU CLOS A ETAGES MULTIPLES DANS LEQUEL UNE MATRICE A ETAGE UNIQUE COMPREND UN ETAGE DU RESEAU CLOS  
[72] ELBERS, JOERG PETER, DE  
[72] GUILD, KENNETH, GB  
[72] PICHLER, OLAF, DE  
[71] MARCONI COMMUNICATIONS GMBH, DE  
[85] 2004-09-09  
[86] 2003-03-18 (PCT/IB2003/001469)  
[87] 2003-10-02 (WO2003/081944)  
[30] DE (102 15 722.7) 2002-03-23

[21] 2,478,870  
[13] A1

[51] Int.Cl. 7F28D 15/00  
[25] EN  
[54] HEATED SEAL AIR FOR VALVE AND REGENERATIVE THERMAL OXIDIZER CONTAINING SAME  
[54] AIR D'ETANCHEITE CHAUFFE POUR SOUPAPE ET SYSTEME D'OXYDATION THERMIQUE REGENERATIVE COMPRENANT CETTE SOUPAPE  
[72] CASH, JAMES T., US  
[71] MEGTEC SYSTEMS, INC., US  
[85] 2004-09-09  
[86] 2003-03-25 (PCT/US2003/009306)  
[87] 2003-11-20 (WO2003/095921)  
[30] US (10/139,927) 2002-05-07

[21] 2,478,872  
[13] A1

[51] Int.Cl. 7G03B 15/00 7B60R 25/00  
[25] EN  
[54] THIEF DETECTOR FOR STOLEN CAR  
[54] DETECTEUR DE VOLERE POUR VOITURE VOLLEE  
[72] SUGIURA, HIROSHI, JP  
[71] SUGIURA, HIROSHI, JP  
[71] NAGOYA TOYOPET CO., LTD., JP  
[85] 2004-08-10  
[86] 2002-03-29 (PCT/JP2002/003252)  
[87] 2003-10-09 (WO2003/083570)

[21] 2,478,874  
[13] A1

[51] Int.Cl. 7B29C 45/00 7B29C 49/06  
7B29C 49/64  
[25] EN  
[54] METHOD AND DEVICE FOR PROCESSING PREFORMS  
[54] PROCEDE ET DISPOSITIF POUR FACONNER DES PREFORMES  
[72] PESAVENTO, MODESTO M., DE  
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA  
[85] 2004-09-15  
[86] 2003-04-10 (PCT/DE2003/001202)  
[87] 2003-10-23 (WO2003/086728)  
[30] DE (102 15 722.7) 2002-04-10

[21] 2,478,908  
[13] A1

[51] Int.Cl. 7A61K 7/32 7A61K 7/38  
[25] EN  
[54] STABILIZED ANTIPERSPIRANT COMPOSITIONS CONTAINING ALUMINUM-ZIRCONIUM SALTS WITH LOW M:CI RATIO  
[54] COMPOSITIONS ANTITRANSPIRANTES STABILISEES CONTENANT DES SELS D'ALUMINIUM-ZIRCONIUM AYANT UN FAIBLE RAPPORT M : CI  
[72] YIN, YULING, US  
[72] SANE, JAYANT N., US  
[72] SHEN, YAN-FEI, US  
[71] THE GILLETTE COMPANY, US  
[85] 2004-09-10  
[86] 2003-05-05 (PCT/US2003/013959)  
[87] 2003-11-20 (WO2003/094880)  
[30] US (10/142,140) 2002-05-09

[21] 2,478,909  
[13] A1

[51] Int.Cl. 7C07C 233/66 7C07D 217/02  
7A61K 31/13 7A61K 31/47  
[25] EN  
[54] SUBSTITUTED TETRAHYDROISOQUINOLINE COMPOUNDS, METHODS OF MAKING, AND THEIR USE  
[54] COMPOSES TETRAHYDROISOQUINOLEINE SUBSTITUES, PROCEDES DE PREPARATION ET UTILISATION DE CEUX-CI  
[72] NIKULIN, VICTOR, US  
[72] KIRICHENKO, OLEG, US  
[72] GEISERT, ELDON E., JR., US  
[72] HONG, SEOUNG SUNG, US  
[72] MOHLER, MICHAEL, US  
[72] KANG, GYANG SUK, US  
[72] MILLER, DUANE D., US  
[71] THE UNIVERSITY OF TENNESSEE RESEARCH CORPORATION, US  
[85] 2004-09-10  
[86] 2003-03-13 (PCT/US2003/008144)  
[87] 2003-09-25 (WO2003/077874)  
[30] US (60/363,952) 2002-03-13

[21] 2,478,911  
[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] METHOD AND APPARATUS FOR MONITORING EVENTS CONCERNING RECORD SUBJECTS ON BEHALF OF THIRD PARTIES  
[54] PROCEDE ET APPAREIL DE SUIVI D'EVENEMENTS CONCERNANT DES SUJETS D'ENREGISTREMENT AU NOM DE TIERS  
[72] GARVEY, MICHAEL A., US  
[72] ETWARU, DHARMENDRA, US  
[71] LICENSE MONITOR, INC., US  
[85] 2004-09-10  
[86] 2003-03-12 (PCT/US2003/007504)  
[87] 2003-09-25 (WO2003/079151)  
[30] US (60/364,888) 2002-03-13

## PCT Applications Entering the National Phase

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[21] 2,478,914  
[13] A1

[51] Int.Cl. 7A61F 9/013 7A61B 19/00  
[25] EN  
[54] OPHTHALMIC MICROFIDUCIAL DEVICE AND METHOD FOR USE  
[54] DISPOSITIF OPHTALMIQUE DE MICROREFERENCE ET SON PROCEDE D'UTILISATION  
[72] YAMAMOTO, RONALD K., US  
[72] CONSTON, STANLEY R., US  
[71] ISCIENCE CORPORATION, US  
[85] 2004-09-10  
[86] 2003-03-21 (PCT/US2003/008866)  
[87] 2003-09-09 (WO2003/083630)  
[30] US (60/366,852) 2002-03-22

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[21] 2,478,916  
[13] A1

[51] Int.Cl. 7A23D 9/00  
[25] EN  
[54] COOKING OIL ANTIOXIDANT COMPOSITION, METHOD OF PREPARATION AND USE  
[54] COMPOSITION ANTIOXYDANTE D'HUILE DE CUISSON, SON PROCEDE DE PREPARATION ET SON UTILISATION  
[72] FRIEDMAN, BERNARD, US  
[72] BIELSKA, BARBARA A., US  
[71] OIL PROCESS SYSTEMS, INC., US  
[85] 2004-09-10  
[86] 2003-03-24 (PCT/US2003/009085)  
[87] 2003-10-09 (WO2003/082021)  
[30] US (60/367,072) 2002-03-22

---

[21] 2,478,917  
[13] A1

[51] Int.Cl. 7B65G 47/08  
[25] EN  
[54] AN AUTOMATED SYSTEM AND A METHOD FOR THE DELIVERY AND DISTRIBUTION OF ARTICLES IN GROUPS AND A DEVICE AND A METHOD FOR GROUPING ARTICLES TOGETHER  
[54] SYSTEME ET PROCEDE AUTOMATISES DE TRANSPORT ET DE DISTRIBUTION D'ARTICLES GROUPES, ET DISPOSITIF ET PROCEDE DE GROUPAGE D'ARTICLES  
[72] DAVOLIO, MAURIZIO, IT  
[72] GAMBARELLI, FRANCO, IT  
[71] SWISSLOG ITALIA S.P.A., IT  
[85] 2004-09-10  
[86] 2003-03-12 (PCT/IB2003/000926)  
[87] 2003-09-25 (WO2003/078283)  
[30] EP (02425170.4) 2002-03-19

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[21] 2,478,918  
[13] A1

[51] Int.Cl. 7A61K 31/416 7A61K 31/00  
[25] EN  
[54] ANGIOGENESIS INHIBITORS  
[54] INHIBITEURS DE L'ANGIOGENESE  
[72] KUO, SHEN-CHU, TW  
[72] GUH, JIH-HWA, TW  
[72] PAN, SHIOW-LIN, TW  
[72] LEE, FANG, YU, TW  
[72] TENG, CHE-MING, TW  
[71] CARLSBAD TECHNOLOGY, INC., US  
[85] 2004-09-10  
[86] 2003-03-31 (PCT/US2003/009968)  
[87] 2003-10-09 (WO2003/082274)  
[30] US (60/368,892) 2002-03-29  
[30] US (10/147,445) 2002-05-16

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[21] 2,478,919  
[13] A1

[51] Int.Cl. 7B09C 1/10  
[25] EN  
[54] PROCESS FOR THE BIODEGRADATION OF HYDROCARBONS AND ETHERS IN SUBSURFACE SOIL BY INTRODUCTION OF A SOLID OXYGEN SOURCE BY HYDRAULIC FRACTURING  
[54] PROCEDE DE BIODEGRADATION D'HYDROCARBURES ET D'ETHERS DANS LA COUCHE INFERIEURE D'UN SOL PAR INTRODUCTION D'UNE SOURCE SOLIDE D'OXYGENE PAR FRACTURATION HYDRAULIQUE  
[72] VESPER, STEPHEN JOSEPH, US  
[72] HOOVER-DAVIS, WENDY JO., US  
[71] U.S. ENVIRONMENTAL PROTECTION AGENCY, US  
[85] 2004-09-10  
[86] 2003-03-25 (PCT/US2003/008771)  
[87] 2003-10-09 (WO2003/082489)  
[30] US (60/367,200) 2002-03-26  
[30] US (60/367,763) 2002-03-28

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[21] 2,478,921  
[13] A1

[51] Int.Cl. 7C07D 215/26 7C07D 493/04  
7C07D 405/10 7C07D 409/10 7C07D 217/24 7A61K 31/343 7A61K 31/381 7A61K 31/403 7A61K 31/404 7A61K 31/41 7A61K 31/423 7A61K 31/428 7A61K 31/47 7C07D 333/54 7C07D 263/56 7C07D 277/62 7C07C 49/84 7C07D 307/86  
[25] EN  
[54] NOVEL CHALCONE DERIVATIVES AND USES THEREOF  
[54] NOUVEAUX DERIVES DE CHALCONE ET LEURS UTILISATIONS  
[72] NORTON, RAYMOND S., AU  
[72] BAELL, JOHATHAN B., AU  
[72] CHANDY, GEORGE K., US  
[72] WULFF, HEIKE, US  
[71] THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH, AU  
[85] 2004-09-14  
[86] 2003-03-14 (PCT/AU2003/000308)  
[87] 2003-09-18 (WO2003/076407)  
[30] AU (PS 1103) 2002-03-14

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[21] 2,478,933  
[13] A1

[51] Int.Cl. 7B61D 45/00  
[25] EN  
[54] INFLATABLE DUNNAGE BAG WITH PROTECTED INFLATOR VALVE  
[54] SAC DE FARDEAGE GONFLABLE MUNI D'UNE VALVE DE GONFLAGE PROTEGEE  
[72] KROUPA, VLADIMIR, US  
[72] HERIVEL, GREGORY E., US  
[72] GOODNER, JEFFREY, US  
[71] INFLATABLE PACKAGING, INC., US  
[85] 2004-09-10  
[86] 2003-03-12 (PCT/US2003/007676)  
[87] 2003-09-25 (WO2003/078251)  
[30] US (60/363,914) 2002-03-12

## Demandes PCT entrant en phase nationale

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[21] **2,478,934**  
[13] A1

[51] Int.Cl. 7A61K 35/78 7A61P 25/04  
7A61P 1/06 7A61P 11/10 7A61K 47/14  
7A23L 1/30  
[25] EN  
[54] PROCESS FOR PRODUCING FAT COMPOSITION CONTAINING HYDROPHOBIC COMPONENTS OF GLYCYRRHIZA  
[54] PROCEDE DE FABRICATION DE COMPOSITION LIPIDIQUE CONTENANT DES COMPOSANTS HYDROPHOBES DE GLYCYRRHIZA  
[72] KITAHARA, MIKIO, JP  
[72] IKEHARA, TOSHINORI, JP  
[71] KANEKA CORPORATION, JP  
[85] 2004-09-10  
[86] 2003-04-04 (PCT/JP2003/004312)  
[87] 2003-10-16 (WO2003/084556)  
[30] JP (2002-102629) 2002-04-04

[21] **2,478,936**  
[13] A1

[51] Int.Cl. 7C07D 213/73 7C07D 401/04  
7C07D 405/04 7C07D 409/04 7C07D 413/  
04 7C07D 401/12 7C07D 405/12 7A61K 31/  
4418 7A61K 31/443 7A61K 31/4433  
7A61K 31/4436 7A61K 31/4439 7A61K 31/  
444 7A61K 31/496 7C07D 213/74  
[25] EN  
[54] MONOCYCLIC  
AROYL PYRIDINONES AS  
ANTIINFLAMMATORY AGENTS  
[54] AROYL PYRIDINONES  
MONOCYCLIQUES TENANT LIEU  
D'AGENTS ANTI-INFLAMMATOIRES  
[72] ALONSO-ALIJA, CRISTINA, DE  
[72] FITZGERALD, MARY F., GB  
[72] DODD, SARA, GB  
[72] MICHELS, MARTIN, DE  
[72] SCHIROK, HARTMUT, DE  
[72] GILL, ANDREW, GB  
[72] SCHLEMMER, KARL-HEINZ, DE  
[72] BELL, JOHN, GB  
[71] BAYER HEALTHCARE AG, DE  
[85] 2004-09-10  
[86] 2003-03-03 (PCT/EP2003/002154)  
[87] 2003-09-18 (WO2003/076405)  
[30] GB (0206019.2) 2002-03-14  
[30] GB (0221951.7) 2002-09-20  
[30] GB (0227431.4) 2002-11-25

[21] **2,478,937**  
[13] A1

[51] Int.Cl. 7C03C 25/26 7C08J 5/04  
7C08K 7/06 7C08L 67/06 7C03C 25/32  
[25] EN  
[54] FIBER GLASS PRODUCT  
INCORPORATING STRING BINDERS  
[54] PRODUIT EN FIBRES DE VERRE  
RENFERMANT DES LIANTS DE  
CORDON  
[72] MORRIS, STEVEN J., US  
[72] PETERS, JAMES C., US  
[72] LI, WEN, US  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 2004-09-10  
[86] 2003-03-13 (PCT/US2003/007772)  
[87] 2003-09-25 (WO2003/078343)  
[30] US (60/364,247) 2002-03-13

[21] **2,478,941**  
[13] A1

[51] Int.Cl. 7F24F 12/00 7F28F 27/02  
[25] EN  
[54] HEAT RECUPERATOR WITH  
FROST PROTECTION  
[54] RECUPERATEUR DE CHALEUR  
AVEC PROTECTION CONTRE LE GEL  
[72] VELTKAMP, BART, NL  
[72] HOGENDOORN, PETER, NL  
[71] LEVEL HOLDING B.V., NL  
[85] 2004-09-10  
[86] 2003-03-11 (PCT/NL2003/000183)  
[87] 2003-10-16 (WO2003/085327)  
[30] NL (1020141) 2002-03-11

[21] **2,478,942**  
[13] A1

[51] Int.Cl. 7C07D 498/04 7A61P 29/00  
7A61K 31/5365  
[25] EN  
[54] AN OPTICALLY ACTIVE  
PYRIDINE DERIVATIVE AND A  
MEDICAMENT CONTAINING THE  
SAME  
[54] DERIVE DE PYRIDINE  
OPTIQUEMENT ACTIF ET  
MEDICAMENT CONTENANT CE  
DERNIER  
[72] KORIYAMA, YUJI, JP  
[72] YAMAUCHI, MEGUMI, JP  
[72] GROSSER, ROLF, DE  
[72] SATO, HIROKI, JP  
[72] YOSHINO, TAKASHI, JP  
[72] NUNAMI, NORIKO, JP  
[72] FUCHIKAMI, KINJI, JP  
[72] SASAKI, SACHIKO, JP  
[72] FUKUSHIMA, KEIKO, JP  
[72] LOWINGER, TIMOTHY, DE  
[72] BACON, KEVIN, JP  
[72] MURATA, TOSHIKI, JP  
[71] BAYER HEALTHCARE AG, DE  
[85] 2004-09-10  
[86] 2003-03-03 (PCT/EP2003/002169)  
[87] 2003-09-18 (WO2003/076447)  
[30] JP (2002-70655) 2002-03-14

[21] **2,478,945**  
[13] A1

[51] Int.Cl. 7C07D 263/58 7A61P 25/00  
7C07D 498/04 7A61P 25/16 7A61K 31/445  
[25] EN  
[54] CYCLIC AMIDES  
[54] AMIDE CYCLIQUE  
[72] LEIBROCK, JOACHIM, DE  
[72] SCHADT, OLIVER, DE  
[72] PRUECHER, HELMUT, DE  
[72] SEYFRIED, CHRISTOPH, DE  
[71] MERCK PATENT GESELLSCHAFT  
MIT BESCHRANKTER HAFTUNG, DE  
[85] 2004-09-10  
[86] 2003-03-05 (PCT/EP2003/002224)  
[87] 2003-09-18 (WO2003/076420)  
[30] DE (102 10 779.3) 2002-03-12

## PCT Applications Entering the National Phase

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[21] 2,478,946  
[13] A1

[51] Int.Cl. 7E21F 17/18  
[25] EN  
[54] SAFETY SYSTEM  
[54] SYSTEME DE SECURITE  
[72] WOODWARD, NIGEL GEORGE, ZA  
[71] STRICKER, KENNETH BERNARD, ZA  
[71] WOODWARD, NIGEL GEORGE, ZA  
[85] 2004-09-10  
[86] 2002-09-20 (PCT/IB2002/003870)  
[87] 2003-09-18 (WO2003/076765)  
[30] ZA (2002/2057) 2002-03-13

---

[21] 2,478,950  
[13] A1

[51] Int.Cl. 7F16F 3/00  
[25] EN  
[54] A DEVICE AND A SYSTEM FOR DAMPING VIBRATIONS, IMPACT AND SHOCK  
[54] DISPOSITIF ET PROCEDE D'AMORTISSEMENT DE VIBRATIONS, D'IMPACTS ET DE CHOCS  
[72] KAARSTEIN, OLAV, NO  
[71] KAARSTEIN, OLAV, NO  
[85] 2004-09-10  
[86] 2003-03-11 (PCT/NO2003/000085)  
[87] 2003-09-18 (WO2003/076822)  
[30] NO (20021282) 2002-03-14

---

[21] 2,478,955  
[13] A1

[51] Int.Cl. 7G01F 11/00  
[25] EN  
[54] HAND-HELD SELF DEFENSE DEVICE  
[54] DISPOSITIF D'AUTODEFENSE A MAIN  
[72] DAVIDIAN, CHAIM, IL  
[71] DAVIDIAN, CHAIM, IL  
[85] 2004-09-10  
[86] 2003-03-06 (PCT/IL2003/000184)  
[87] 2003-09-18 (WO2003/076881)  
[30] US (10/093,695) 2002-03-11

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[21] 2,478,958  
[13] A1

[51] Int.Cl. 7A61K 31/454 7A61P 11/00  
7A61P 11/06 7A61P 11/08  
[25] EN  
[54] USE OF PROTON PUMP INHIBITORS FOR THE TREATMENT OF AIRWAY DISORDERS  
[54] UTILISATION D'INHIBITEURS DE LA POMPE A PROTONS POUR TRAITER DES TROUBLES DES VOIES RESPIRATOIRES  
[72] SIMON, WOLFGANG ALEXANDER, DE  
[71] ALTANA PHARMA AG, DE  
[85] 2004-09-14  
[86] 2003-03-11 (PCT/EP2003/002467)  
[87] 2003-09-18 (WO2003/075926)  
[30] EP (02005793.1) 2002-03-14

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[21] 2,478,991  
[13] A1

[51] Int.Cl. 7A61K 35/74  
[25] EN  
[54] COMPOSITIONS AND METHODS FOR AUGMENTING KIDNEY FUNCTION  
[54] COMPOSITIONS ET PROCEDES POUR AUGMENTER LES FONCTIONS RENALES  
[72] DICKSTEIN, JACK, US  
[72] MEHTA, RAJ, US  
[72] RANGANATHAN, NATARAJAN, US  
[71] KIBOW BIOTECH, INC., US  
[85] 2004-09-10  
[86] 2002-03-13 (PCT/US2002/007554)  
[87] 2003-10-30 (WO2003/088984)

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[21] 2,478,998  
[13] A1

[51] Int.Cl. 7C21D 9/00 7C22C 38/22  
7C22C 38/24  
[25] EN  
[54] STEEL PRODUCT AND METHOD FOR MANUFACTURING  
[54] PRODUIT EN ACIER ET PROCEDE DE FABRICATION  
[72] PEPPLER, WILLIAM J., US  
[72] JACKSON, BRETT M., US  
[71] CARGILL INCORPORATED, US  
[85] 2004-09-13  
[86] 2003-03-11 (PCT/US2003/007427)  
[87] 2003-09-25 (WO2003/078667)  
[30] US (10/096,601) 2002-03-12

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[21] 2,478,999  
[13] A1

[51] Int.Cl. 7C23C 30/00 7C23C 14/02  
7C23C 28/04  
[25] EN  
[54] NANOLAYERED COATED CUTTING TOOL AND METHOD FOR MAKING THE SAME  
[54] OUTIL DE COUPE AVEC REVETEMENT A COUCHES NANOMETRIQUES ET PROCEDE DE FABRICATION DE CET OUTIL  
[72] PENICH, RONALD M., US  
[72] HEGDE, PARAG L., US  
[72] INSPEKTOR, AHARON, US  
[71] KENNAMETAL INC., US  
[85] 2004-09-13  
[86] 2003-03-06 (PCT/US2003/006953)  
[87] 2003-09-25 (WO2003/078689)  
[30] US (10/097,487) 2002-03-14

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[21] 2,479,001  
[13] A1

[51] Int.Cl. 7E02F 3/40  
[25] EN  
[54] BUCKET  
[54] GODET  
[72] HEDBERG, ULF, SE  
[71] HEDBERG, ULF, SE  
[85] 2004-09-13  
[86] 2003-03-13 (PCT/SE2003/000412)  
[87] 2003-09-25 (WO2003/078745)  
[30] SE (0200830-8) 2002-03-18

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[21] 2,479,002  
[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] OPTIMIZING THROUGHPUT OF MAILING MACHINES  
[54] OPTIMISATION DE LA CAPACITE DE MACHINES DE TRAITEMENT DU COURRIER  
[72] PARKOS, MARIA P., US  
[72] CORDERY, ROBERT A., US  
[72] RATZENBERGER, ROGER JR., US  
[72] ATHENS, THOMAS G., US  
[72] SCRIBE, MARK A., US  
[72] HURD, JOHN A., US  
[71] PITNEY BOWES INC., US  
[85] 2004-09-13  
[86] 2003-02-27 (PCT/US2003/005978)  
[87] 2003-09-25 (WO2003/079265)  
[30] US (60/363,790) 2002-03-12  
[30] US (10/246,040) 2002-09-17

## Demandes PCT entrant en phase nationale

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[21] 2,479,004  
[13] A1

[51] Int.Cl. 7H02K 5/167 7F16C 33/72  
[25] EN  
[54] LUBRICANT RETENTION ASSEMBLY  
[54] ENSEMBLE DE RETENTION DE LUBRIFIANT  
[72] BORCHERDING, GARY W., US  
[71] EMERSON ELECTRIC CO., US  
[85] 2004-09-13  
[86] 2003-03-11 (PCT/US2003/007593)  
[87] 2003-09-25 (WO2003/079518)  
[30] US (10/097,510) 2002-03-14

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[21] 2,479,006  
[13] A1

[51] Int.Cl. 7C12Q 1/68 7C07H 21/00  
[25] EN  
[54] METHOD FOR IDENTIFYING ANIMALS FOR MILK PRODUCTION QUALITIES BY ANALYZING THE POLYMORPHISM OF THE PIT-1 AND KAPPA-CASEIN GENES  
[54] PROCEDE D'IDENTIFICATION D'ANIMAUX SUSCEPTIBLES D'AVOIR DE BONNES QUALITES DE PRODUCTION LAITIERE PAR ANALYSE DU POLYMORPHISME DES GENES PIT-1 ET DE KAPPA CASEINE  
[72] GENGLER, NICOLAS, BE  
[72] RENAVILLE, ROBERT, BE  
[71] ARYSTA LIFESCIENCE CORPORATION, JP  
[71] PATRIMOINE DE LA FACULTE UNIVERSITAIRE DES SCIENCES AGRONOMIQUES DE GEMB LOUX, BE  
[85] 2004-09-13  
[86] 2003-03-11 (PCT/EP2003/002879)  
[87] 2003-09-18 (WO2003/076657)  
[30] FR (0203026) 2002-03-11

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[21] 2,479,013  
[13] A1

[51] Int.Cl. 7H04B 7/005  
[25] EN  
[54] VELOCITY RESPONSIVE POWER CONTROL  
[54] COMMANDE DE PUISSANCE REAGISSANT A LA VITESSE  
[72] PATEL, SHIMMAN, US  
[72] EKVETCHAVIT, THUNYACHATE, US  
[72] SIH, GILBERT CHRISTOPHER, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2004-09-13  
[86] 2003-03-11 (PCT/US2003/007398)  
[87] 2003-09-25 (WO2003/079575)  
[30] US (10/097,039) 2002-03-12

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[21] 2,479,015  
[13] A1

[51] Int.Cl. 7B60D 1/60  
[25] EN  
[54] LOCKING DEVICE FOR TRAILER HITCHES AND METHOD THEREFOR  
[54] DISPOSITIF DE VERROUILLAGE DESTINE A DES ATTELAGES DE REMORQUE ET PROCEDE ASSOCIE  
[72] WYERS, PHILIP W., US  
[71] WYERS, PHILIP W., US  
[85] 2004-09-13  
[86] 2003-02-27 (PCT/US2003/006274)  
[87] 2003-09-25 (WO2003/078183)  
[30] US (60/363,999) 2002-03-13

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[21] 2,479,017  
[13] A1

[51] Int.Cl. 7B60P 3/355 7B62D 63/06  
7E04H 15/06  
[25] EN  
[54] TENT ASSEMBLY FOR USE WITH UTILITY TRAILERS AND VEHICLES  
[54] ENSEMBLE TENTE A UTILISER AVEC DES REMORQUES ET DE VEHICULES UTILITAIRES  
[72] BADGER, JOHN T., US  
[72] BADGER, ROBERT J. T., US  
[72] BADGER, WILLIAM A., US  
[71] BADGER BROTHERS, INC., US  
[85] 2004-09-13  
[86] 2003-03-13 (PCT/US2003/007556)  
[87] 2003-09-25 (WO2003/078232)  
[30] US (60/364,537) 2002-03-14  
[30] US (10/108,133) 2002-03-27  
[30] US (10/318,936) 2002-12-13

---

[21] 2,479,019  
[13] A1

[51] Int.Cl. 7A61B 1/267  
[25] EN  
[54] LARYNGOSCOPE WITH IMAGE SENSOR  
[54] LARYNGOSCOPE A CAPTEUR D'IMAGE  
[72] RICHLIERI, STEVEN P., US  
[72] DAVIDSON, TERENCE M., US  
[72] MAZZEI, WILLIAM J., US  
[71] NUVISTA TECHNOLOGY CORPORATION, US  
[85] 2004-09-13  
[86] 2003-03-19 (PCT/US2003/008268)  
[87] 2003-10-02 (WO2003/079889)  
[30] US (10/102,800) 2002-03-21

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[21] 2,479,023  
[13] A1

[51] Int.Cl. 7A61F 9/007 7A61M 5/14  
[25] EN  
[54] METHODS AND SYSTEMS FOR PERFORMING VITRECTOMY WITH CONTINUOUS PERFLUOROCARBON INFUSION  
[54] PROCEDES ET SYSTEMES POUR EFFECTUER LA VITRECTOMIE A INFUSION CONTINUE DE PERFLUOROCARBONE  
[72] QUIROZ-MERCADO, HUGO, MX  
[71] S.K. PHARMACEUTICALS, INC., US  
[85] 2004-09-13  
[86] 2003-03-19 (PCT/US2003/008320)  
[87] 2003-10-02 (WO2003/079927)  
[30] US (60/365,881) 2002-03-19

---

[21] 2,479,024  
[13] A1

[51] Int.Cl. 7H01L 51/00  
[25] EN  
[54] SELF-ALIGNED NANOTUBE FIELD EFFECT TRANSISTOR AND METHOD OF FABRICATING SAME  
[54] TRANSISTOR A EFFET DE CHAMP MUNI D'UN NANOTUBE AUTOALIGNE ET PROCEDE DE FABRICATION CORRESPONDANT  
[72] COLLINS, PHILIP G., US  
[72] MARTEL, RICHARD, US  
[72] CHAN, KEVIN K., US  
[72] WONG, HON-SUM PHILIP, US  
[72] APPENZELLER, JOERG, US  
[72] AVOURIS, PHAEDON, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2004-09-13  
[86] 2003-02-19 (PCT/US2003/007269)  
[87] 2003-10-02 (WO2003/081687)  
[30] US (10/102,365) 2002-03-20

## PCT Applications Entering the National Phase

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**[21] 2,479,027**  
[13] A1

[51] Int.Cl. 7A61K 31/40 7A61K 31/445  
[25] EN  
[54] A NON-HORMONAL APPROACH TO MALE CONTRACEPTION  
[54] APPROCHE NON HORMONALE DE LA CONTRACEPTION MALE  
[72] PLATT, FRANCES, M., GB  
[72] JEYAKUMAR, MYLVAGANAM, GB  
[72] BUTTERS, TERRY, D., GB  
[72] DWEK, RAYMOND, A., GB  
[72] VAN DER SPOEL, AARNOUD C., GB  
[71] VAN DER SPOEL, AARNOUD C., GB  
[85] 2004-09-13  
[86] 2003-03-13 (PCT/IB2003/001512)  
[87] 2003-09-18 (WO2003/075916)  
[30] US (60/363,561) 2002-03-13  
[30] US (60/381,329) 2002-05-20

**[21] 2,479,055**  
[13] A1

[51] Int.Cl. 7B25D 17/24 7E21B 6/00  
7B25D 16/00 7B25D 9/12  
[25] FR  
[54] MARTEAU PERFORATEUR HYDRAULIQUE ROTO-PERCUTANT  
[54] HYDRAULIC ROTARY-PERCUSIVE HAMMER DRILL  
[72] COMARMOND, JEAN-SYLVAIN, FR  
[71] MONTABERT S.A., FR  
[85] 2004-09-14  
[86] 2003-03-18 (PCT/FR2003/000859)  
[87] 2003-09-25 (WO2003/078107)  
[30] FR (02/03402) 2002-03-19

**[21] 2,479,057**  
[13] A1

[51] Int.Cl. 7A61K 9/20 7A61K 9/50  
[25] FR  
[54] COMPRIMES A BASE DE MICROCAPSULES A LIBERATION MODIFIEE  
[54] COMPRESSED TABLETS COMPRISING MICROCAPSULES WITH MODIFIED RELEASE  
[72] JORDA, RAFAEL, FR  
[72] AUTANT, PIERRE, FR  
[71] FLAMEL TECHNOLOGIES, FR  
[85] 2004-09-14  
[86] 2003-03-14 (PCT/FR2003/000827)  
[87] 2003-09-25 (WO2003/077888)  
[30] FR (02/03336) 2002-03-18

**[21] 2,479,060**  
[13] A1

[51] Int.Cl. 7C23C 22/60 7C23C 22/66  
[25] FR  
[54] COMPOSITION ET PROCEDE DE REVETEMENT DE SUBSTRAT METALLIQUE  
[54] COATING COMPOSITION FOR A METAL SUBSTRATE  
[72] BEGUE, DENIS, FR  
[72] LEGER, GEORGES, FR  
[72] CHESNEAU, ALAIN, FR  
[72] POULET, JEAN-MARIE, FR  
[71] DACRAL, FR  
[85] 2004-09-14  
[86] 2003-03-18 (PCT/FR2003/000863)  
[87] 2003-09-25 (WO2003/078683)  
[30] FR (02/03353) 2002-03-18

**[21] 2,479,065**  
[13] A1

[51] Int.Cl. 7C07C 271/56 7A61K 31/185  
7C07C 65/26 7A61K 31/325 7A61K 31/445  
7C07C 59/72 7C07D 213/79  
[25] EN  
[54] AMINOALCOHOL DERIVATIVES AS BETA-3 ADRENERGIC RECEPTOR AGONISTS  
[54] DERIVES D'AMINOALCOOL EN TANT QU'AGONISTES DU RECEPTEUR ADRENERGIQUE BETA-3  
[72] TOMISHIMA, YASUYO, JP  
[72] NAKAJIMA, YUTAKA, JP  
[72] IMANISHI, MASASHI, JP  
[72] HATTORI, KOUJI, JP  
[71] FUJISAWA PHARMACEUTICAL CO., LTD., JP  
[85] 2004-09-14  
[86] 2003-03-10 (PCT/JP2003/002821)  
[87] 2003-09-18 (WO2003/076397)  
[30] AU (PS1104) 2002-03-14  
[30] AU (2003900127) 2003-01-10

**[21] 2,479,076**  
[13] A1

[51] Int.Cl. 7A23K 1/16 7A23K 1/18  
[25] EN  
[54] A METHOD FOR IMPROVING QUALITY OF MEAT BY SUPPLEMENTING PIG DIETS AND CONCENTRATES USED THEREFOR  
[54] PROCEDE POUR AMELIORER LA QUALITE DE LA VIANDE EN ADMINISTRANT AUX PORCS DES COMPLEMENTS ALIMENTAIRES, ET CONCENTRES UTILISES A CET EFFET  
[72] GOODBAND, ROBERT D., US  
[72] NELSEN, JIM L., US  
[72] DRITZ, STEVE S., US  
[72] TOKACH, MICHAEL D., US  
[72] JAMES, BRAD W., US  
[72] OWEN, KEVIN Q., US  
[71] LONZA LTD., CH  
[71] KANSAS STATE UNIVERSITY RESEARCH FOUNDATION, US  
[85] 2004-09-14  
[86] 2003-03-13 (PCT/US2003/007663)  
[87] 2003-09-25 (WO2003/077672)  
[30] US (60/365,071) 2002-03-15

**[21] 2,479,083**  
[13] A1

[51] Int.Cl. 7B01D 35/16  
[25] EN  
[54] OIL FILTER ASSEMBLY  
[54] ENSEMBLE FILTRE A HUILE  
[72] CLINE, L. STEVEN, US  
[72] BYRD, TIMOTHY ALAN, US  
[72] WRIGHT, ALLEN B., US  
[71] ARVIN TECHNOLOGIES, INC., US  
[85] 2004-09-14  
[86] 2003-03-05 (PCT/US2003/006727)  
[87] 2003-09-25 (WO2003/078025)  
[30] US (10/099,485) 2002-03-15

**[21] 2,479,087**  
[13] A1

[51] Int.Cl. 7B01J 20/04 7B08B 7/00  
7C11D 3/02 7C11D 3/10 7B01J 20/10  
7C11D 3/12  
[25] EN  
[54] LIQUID WASTE ABSORBING COMPOSITIONS  
[54] COMPOSITIONS ABSORBANT DES DECHETS LIQUIDES  
[72] CERVERO, RONALD N., US  
[72] GOWER, MATTHEW W., US  
[71] STRATEGIC ENVIRONMENTAL SOLUTIONS, LLC, US  
[85] 2004-09-14  
[86] 2003-02-28 (PCT/US2003/006342)  
[87] 2003-09-25 (WO2003/078082)  
[30] US (10/098,211) 2002-03-15

## Demandes PCT entrant en phase nationale

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[21] 2,479,094  
[13] A1

[51] Int.Cl. 7A63C 17/02 7A63C 17/14  
[25] EN  
[54] PERSONAL CONVEYANCE FOR RECREATIONAL USE  
[54] MOYEN DE TRANSPORT PERSONNEL POUR UTILISATION DE LOISIR  
[72] REID, REGINALD LYALL, NZ  
[71] SKORPION SPORTS LIMITED, NZ  
[85] 2004-09-13  
[86] 2003-03-11 (PCT/NZ2003/000044)  
[87] 2003-09-18 (WO2003/076031)  
[30] NZ (517724) 2002-03-11

---

[21] 2,479,127  
[13] A1

[51] Int.Cl. 7A61M 5/142  
[25] EN  
[54] PUMP AND TUBE SET THEREOF  
[54] POMPE ET ENSEMBLE TUYAU ASSOCIE  
[72] DUGGAN, BRENDAN, IE  
[72] HALLORAN, DAMIAN, US  
[72] REGAN, BARRY, US  
[72] O'DONNELL, PHILIP, IE  
[72] CLINTON, COLM, IE  
[72] FABOZZI, RICKY, IE  
[72] ABRAHAMSON, KENT, US  
[71] HOSPIRA, INC., US  
[85] 2004-09-14  
[86] 2003-03-10 (PCT/US2003/007122)  
[87] 2003-10-02 (WO2003/080158)  
[30] US (10/063,110) 2002-03-21

---

[21] 2,479,128  
[13] A1

[51] Int.Cl. 7B28D 1/22 7B28B 17/00  
7B28D 1/30 7E04C 1/39  
[25] EN  
[54] MASONRY BLOCK SPLITTING ASSEMBLY AND METHOD  
[54] APPAREIL A REFENDRE LES BLOCS DE MACONNERIE, ET PROCEDE ASSOCIE  
[72] SCHERER, RONALD J., US  
[72] BOLLES, GLENN CLARKE, US  
[72] LACROIX, DAVID MATTHEW, US  
[71] ANCHOR WALL SYSTEMS, INC., US  
[85] 2004-09-14  
[86] 2003-03-19 (PCT/US2003/008362)  
[87] 2003-10-02 (WO2003/080305)  
[30] US (10/103,155) 2002-03-20

---

[21] 2,479,129  
[13] A1

[51] Int.Cl. 7B65D 81/34 7A23L 1/164  
7A23L 1/18  
[25] EN  
[54] FLAVOURED POPCORN PRODUCT  
[54] PRODUIT A BASE DE MAIS A ECLATER AROMATISE  
[72] CHRISTENSEN, DEBORAH L., US  
[72] OHMAN, NANCY NELSON, US  
[72] SCHILMOELLER, LANCE BERNARD, US  
[72] JENSEN, MICHAEL LAURENCE, US  
[71] CONAGRA FOODS, INC., US  
[85] 2004-09-14  
[86] 2003-03-18 (PCT/US2003/008203)  
[87] 2003-10-02 (WO2003/080465)  
[30] US (60/365,433) 2002-03-18

---

[21] 2,479,130  
[13] A1

[51] Int.Cl. 7C08G 63/54 7C08L 67/02  
7C08G 63/78  
[25] EN  
[54] PREPARATION OF UNSATURATED POLYESTERS  
[54] PREPARATION DE POLYESTERS INSATURES  
[72] YANG, LAU S., US  
[72] ALBANO, PAUL A., US  
[72] KARAS, LAWRENCE J., US  
[72] PUCKETT, PAUL MALCOLM, US  
[72] ARMSTEAD, DIANDRE, US  
[71] ARCO CHEMICAL TECHNOLOGY, L.P., US  
[85] 2004-09-14  
[86] 2003-03-05 (PCT/US2003/006567)  
[87] 2003-10-02 (WO2003/080704)  
[30] US (10/100,152) 2002-03-18

---

[21] 2,479,131  
[13] A1

[51] Int.Cl. 7H04L 1/18  
[25] EN  
[54] METHOD AND APPARATUS FOR OPTIMIZING REPEATED COMMUNICATIONS IN A MULTIPLEXER NETWORK  
[54] PROCEDE ET APPAREIL PERMETTANT D'OPTIMISER DES COMMUNICATIONS REPETEES DANS UN RESEAU MULTIPLEXEUR  
[72] JACKSON, ALFRED RUSSELL, III, US  
[71] FISHER CONTROLS INTERNATIONAL LLC, US  
[85] 2004-09-14  
[86] 2003-01-13 (PCT/US2003/000916)  
[87] 2003-09-25 (WO2003/079604)  
[30] US (10/099,575) 2002-03-15

---

[21] 2,479,132  
[13] A1

[51] Int.Cl. 7G06F 13/00  
[25] EN  
[54] SYSTEMS AND METHODS FOR HANDLING A PLURALITY OF COMMUNICATIONS  
[54] SYSTEMES ET PROCEDES DE TRAITEMENT D'UNE PLURALITE DE COMMUNICATIONS  
[72] YAHMADI, IMED, US  
[72] BORODOW, ELI B., US  
[72] MARGULIES, EDWIN KENNETH, US  
[72] ST. CYR, PIERRE, US  
[72] EZERZER, RAN, US  
[72] ALJANE, ALI, US  
[72] RODRIGUEZ, PABLO M., US  
[71] TELEPHONY@WORK, INC., US  
[85] 2004-09-14  
[86] 2003-03-12 (PCT/US2003/007896)  
[87] 2003-10-02 (WO2003/081444)  
[30] US (60/365,890) 2002-03-18  
[30] US (60/379,955) 2002-05-10  
[30] US (60/405,719) 2002-08-23

## PCT Applications Entering the National Phase

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[21] **2,479,133**  
[13] A1

[51] Int.Cl. 7C07D 239/48 7A61P 35/04  
7A61K 31/505  
[25] EN  
[54] **2-4-DIAMINOPYRIMIDINE DERIVATIVES**  
[54] **DERIVES DE 2-4-DIAMINOPYRIMIDINE**  
[72] NOMONURA, KAZUHIKO, JP  
[72] HONDA, TOSHIYUKI, JP  
[72] COOKE, NIGEL GRAHAM, CH  
[72] VON MATT, ANETTE, CH  
[72] PAPAGEORGIOU, CHRISTOS, FR  
[72] HINTERDING, KLAUS, DE  
[72] BAENTELI, ROLF, CH  
[72] OHMORI, OSAMU, JP  
[72] ZENKE, GERHARD, DE  
[72] THOMA, GEBHARD, DE  
[72] DUTHALER, RUDOLF, CH  
[72] MATSUURA, NAOKO, JP  
[72] UMEMURA, ICHIRO, JP  
[71] NOVARTIS AG, CH  
[85] 2004-09-14  
[86] 2003-03-14 (PCT/EP2003/002710)  
[87] 2003-09-25 (WO2003/078404)  
[30] GB (0206215.6) 2002-03-15

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[21] **2,479,135**  
[13] A1

[51] Int.Cl. 7A47G 9/10 7A47G 9/00  
[25] EN  
[54] **PILLOW**  
[54] **OREILLER**  
[72] KANG, TAE-GU, KR  
[72] KANG, SUN-GU, KR  
[71] KANG, TAE-GU, KR  
[71] KANG, SUN-GU, KR  
[85] 2004-09-14  
[86] 2003-03-14 (PCT/KR2003/000505)  
[87] 2003-09-25 (WO2003/077714)  
[30] KR (10-2002/0015195) 2002-03-16  
[30] KR (10-2002/0032234) 2002-06-08

---

[21] **2,479,136**  
[13] A1

[51] Int.Cl. 7A44C 9/00  
[25] EN  
[54] **ORNAMENT**  
[54] **BIJOU**  
[72] KIMURA, TOSHIHIKO, JP  
[71] KIMURA, TOSHIHIKO, JP  
[85] 2004-09-14  
[86] 2002-03-15 (PCT/JP2002/002528)  
[87] 2003-09-25 (WO2003/077699)

---

[21] **2,479,139**  
[13] A1

[51] Int.Cl. 7B29C 44/04 7B29C 44/44  
[25] EN  
[54] **COMPOSITE FOAMED POLYPROPYLENE RESIN MOLDING AND METHOD OF PRODUCING SAME**  
[54] **MOULE EN RESINE DE MOUSSE DE POLYPROPYLENE COMPOSITE ET PROCEDE DE FABRICATION**  
[72] HASHIMOTO, KEIICHI, JP  
[72] HIRA, AKINOBU, JP  
[72] SASAKI, HIDEHIRO, JP  
[71] JSP CORPORATION, JP  
[85] 2004-09-14  
[86] 2003-03-19 (PCT/JP2003/003318)  
[87] 2003-09-25 (WO2003/078127)  
[30] JP (2002-77383) 2002-03-19

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[21] **2,479,140**  
[13] A1

[51] Int.Cl. 7C07D 457/06  
[25] EN  
[54] **PROCESS FOR PREPARING CRYSTALLINE FORM I OF CABERGOLINE**  
[54] **PROCEDE DE PREPARATION DE LA FORME CRISTALLINE I DE LA CABERGOLINE**  
[72] TOMASI, ATTILIO, IT  
[72] SHEIKH, AHMAD Y., US  
[71] PHARMACIA CORPORATION, US  
[71] PHARMACIA ITALIA S.P.A., IT  
[85] 2004-09-14  
[86] 2003-03-10 (PCT/EP2003/002628)  
[87] 2003-09-25 (WO2003/078433)  
[30] US (60/364,567) 2002-03-15  
[30] US (60/410,163) 2002-09-12

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[21] **2,479,141**  
[13] A1

[51] Int.Cl. 7C07D 401/14 7A61P 1/00  
7A61P 9/00 7A61P 11/00 7A61P 15/00  
7A61P 25/00 7A61P 29/00 7A61P 43/00  
7A61P 3/04 7A61P 25/04 7A61P 27/06  
7A61P 25/08 7A61P 3/10 7A61P 9/12  
7A61P 13/12 7A61P 25/18 7A61P 25/22  
7A61P 25/24 7A61P 25/28 7A61P 25/30  
7A61P 25/32 7A61K 31/444  
[25] EN  
[54] **NOVEL PYRIDONE DERIVATIVES**  
[54] **NOUVEAU DERIVE DE PYRIDONE**  
[72] NAGASE, TSUYOSHI, JP  
[72] SATO, NAGAAKI, JP  
[72] KANATANI, AKIO, JP  
[72] ANDO, MAKOTO, JP  
[72] NAGAI, KEITA, JP  
[71] BANYU PHARMACEUTICAL CO., LTD., JP  
[85] 2004-09-14  
[86] 2003-03-14 (PCT/JP2003/003115)  
[87] 2003-09-25 (WO2003/078422)  
[30] JP (2002-073120) 2002-03-15

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[21] **2,479,143**  
[13] A1

[51] Int.Cl. 7B65D 51/16 7B65D 81/34  
[25] EN  
[54] **SINGLE-USE ONE-WAY VALVE FOR FOOD PACKAGE THAT EMITS SOUND SIGNAL AT SUFFICIENT HEATING**  
[54] **VALVE A SENS UNIQUE ET A USAGE UNIQUE DESTINEE A UN EMBALLAGE ALIMENTAIRE ET EMETTANT UN SIGNAL SONORE POUR UN CHAUFFAGE SUFFISANT**  
[72] HAAMER, JOEL, SE  
[71] MICVAC AB, SE  
[85] 2004-09-14  
[86] 2003-02-27 (PCT/SE2003/000325)  
[87] 2003-09-25 (WO2003/078266)  
[30] SE (0200801-9) 2002-03-18

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[21] **2,479,145**  
[13] A1

[51] Int.Cl. 7A61M 15/00 7B65D 83/16  
[25] EN  
[54] **CAN FIXTURE**  
[54] **FIXATION POUR BOUTEILLE DE DISTRIBUTEUR**  
[72] BACON, JOHN RAYMOND, GB  
[71] LINICAL DESIGNS LIMITED, GB  
[85] 2004-09-13  
[86] 2003-03-17 (PCT/GB2003/001102)  
[87] 2003-10-02 (WO2003/080161)  
[30] GB (0206811.2) 2002-03-22  
[30] GB (0227489.2) 2002-11-26

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## Demandes PCT entrant en phase nationale

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[21] **2,479,150**

[13] A1

[51] Int.Cl. 7C07D 215/38 7C07D 521/00  
7A61P 29/00 7C07D 401/12 7C07D 401/14  
7C07D 217/22 7C07D 217/24 7C07D 217/  
26 7C07D 237/28 7C07D 215/40 7A61K 31/  
4709 7A61K 31/472 7A61K 31/4725  
7A61K 31/501 7A61K 31/506  
[25] EN  
[54] HETEROAROMATIC UREA  
DERIVATIVES AS VR-1 RECEPTOR  
MODULATORS FOR TREATING PAIN  
[54] DERIVES  
HETEROAROMATIQUES D'UREE EN  
TANT QUE MODULATEURS DU  
RECEPTEUR VR-1 POUR TRAITER LA  
DOULEUR  
[72] JONES, A. BRIAN, GB  
[72] HOLLINGWORTH, GREGORY JOHN,  
GB  
[72] DOUGHTY, VICTORIA  
ALEXANDRA, GB  
[72] BROWN, REBECCA ELIZABETH, GB  
[72] MOYES, CHRISTOPHER RICHARD,  
GB  
[72] LINDON, MATTHEW JOHN, GB  
[72] ROGERS, LAUREN, GB  
[71] MERCK SHARP & DOHME LIMITED,  
GB  
[85] 2004-09-13  
[86] 2003-03-21 (PCT/GB2003/001302)  
[87] 2003-10-02 (WO2003/080578)  
[30] GB (0206876.5) 2002-03-22

[21] **2,479,156**

[13] A1

[51] Int.Cl. 7A47G 5/02  
[25] EN  
[54] UNIVERSAL BRACKETS FOR  
ROLLER SHADE  
[54] SUPPORTS UNIVERSELS POUR  
STORE A ENROULEMENT  
AUTOMATIQUE  
[72] FRACZEK, RICHARD, US  
[72] GARDELLA, JO ANN, US  
[71] ROLLEASE, INC., US  
[85] 2004-09-13  
[86] 2003-03-20 (PCT/US2003/008534)  
[87] 2003-10-02 (WO2003/080978)  
[30] US (60/366,322) 2002-03-21  
[30] US (10/392,021) 2003-03-19

[21] **2,479,159**

[13] A1

[51] Int.Cl. 7D01F 6/62 7C08G 63/87  
[25] EN  
[54] POLYESTER FIBER AND FALSE  
TWIST YARN COMPRISING THE  
SAME  
[54] FIBRE DE POLYESTER ET FIL  
TEXTURE PAR FAUSSE TORSION  
COMPRENANT CETTE FIBRE  
[72] OSAKA, HIROYUKI, JP  
[72] HATTORI, KEJIRO, JP  
[72] MASUDA, TSUYOSHI, JP  
[72] KONISHI, MASAHIRO, JP  
[71] TEIJIN FIBERS LIMITED, JP  
[85] 2004-09-13  
[86] 2003-12-26 (PCT/JP2003/016966)  
[87] 2004-07-29 (WO2004/063437)  
[30] JP (2003-8161) 2003-01-16  
[30] JP (2003-70083) 2003-03-14

[21] **2,479,164**

[13] A1

[51] Int.Cl. 7A61L 27/00 7A61L 31/00  
7A61L 27/32  
[25] EN  
[54] ALTERNATE IMMERSION  
APPARATUS AND ALTERNATE  
IMMERSION METHOD FOR  
TREATING BIOLOGICAL SAMPLE  
[54] APPAREIL D'IMMERSION  
ALTERNEE ET PROCEDE  
D'IMMERSION ALTERNEE  
PERMETTANT DE TRAITER UN  
ECHANTILLON BIOLOGIQUE  
[72] FUKUZAKI, HIRONOBU, JP  
[72] SAKANE, MASATAKA, JP  
[72] IKOMA, TOSHIYUKI, JP  
[72] KIKUCHI, MASANORI, JP  
[72] TANAKA, JUNZO, JP  
[72] OTA, KUNIHIRO, JP  
[72] YAMAGUCHI, ISAMU, JP  
[72] YOKOYAMA, YOSHIKANE, JP  
[71] JAPAN SCIENCE AND  
TECHNOLOGY AGENCY, JP  
[71] NATIONAL INSTITUTE FOR  
MATERIALS SCIENCE, JP  
[71] ESCOM CO., LTD., JP  
[71] TAKI CHEMICAL CO., LTD., JP  
[71] TAMACHI INDUSTRIES CO., LTD.,  
JP  
[85] 2004-09-13  
[86] 2002-07-25 (PCT/JP2002/007576)  
[87] 2004-02-05 (WO2004/011049)

[21] **2,479,165**

[13] A1

[51] Int.Cl. 7F03D 3/06  
[25] EN  
[54] WINDMILL FOR WIND POWER  
GENERATION  
[54] EOLIENNE POUR PRODUIRE DE  
L'ENERGIE EOLIENNE  
[72] NOGUCHI, TSUNEO, JP  
[71] NOGUCHI, TSUNEO, JP  
[85] 2004-09-13  
[86] 2003-09-19 (PCT/JP2003/012031)  
[87] 2004-04-01 (WO2004/027259)  
[30] JP (2002-275032) 2002-09-20

[21] **2,479,166**

[13] A1

[51] Int.Cl. 7H04L 12/26  
[25] EN  
[54] METHODS APPARATUS AND  
PROGRAM PRODUCTS FOR  
WIRELESS ACCESS POINTS  
[54] PROCEDES, APPAREILS ET  
PROGRAMMES DESTINES A DES  
POINTS D'ACCES SANS FIL  
[72] CHALLENER, DAVID C., US  
[72] KUMP, GARRY M., US  
[72] SCHALES, DOUGLAS L., US  
[72] SAFFORD, DAVID R., US  
[72] NOEL, FRANCIS E., JR., US  
[72] VAN DOORN, LEENDERT P., US  
[71] INTERNATIONAL BUSINESS  
MACHINES CORPORATION, US  
[85] 2004-09-13  
[86] 2002-11-20 (PCT/US2002/033648)  
[87] 2003-10-09 (WO2003/083601)  
[30] US (10/107,794) 2002-03-27  
[30] US (10/209,568) 2002-07-30  
[30] US (10/208,281) 2002-07-30  
[30] US (10/208,277) 2002-07-30

[21] **2,479,169**

[13] A1

[51] Int.Cl. 7B65H 7/02  
[25] EN  
[54] CONTROLLING TIMING OF MAIL  
PIECES BEING PROCESSED BY A  
MAILING SYSTEM  
[54] REGULATION DU  
CADECENCEMENT D'ENVOIS POSTAUX  
EN COURS DE TRAITEMENT PAR UN  
SYSTEME POSTAL  
[72] TUFEKOI, CELAL S., US  
[72] JACOBSON, GARY S., US  
[71] PITNEY BOWES INC., US  
[85] 2004-09-13  
[86] 2003-03-10 (PCT/US2003/008275)  
[87] 2003-10-23 (WO2003/086665)  
[30] US (60/363,648) 2002-03-11  
[30] US (10/382,436) 2003-03-06

## PCT Applications Entering the National Phase

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[21] 2,479,170  
[13] A1

[51] Int.Cl. 7H04B 1/66  
[25] EN  
[54] SYSTEM AND METHOD FOR USING MICROLETS IN COMMUNICATIONS  
[54] SYSTEME ET PROCEDE PERMETTANT D'UTILISER LES MICRO-ONDELETTES DANS LES COMMUNICATIONS  
[72] KILBANK, DANIEL, US  
[71] KILBANK, DANIEL, US  
[85] 2004-09-13  
[86] 2003-04-22 (PCT/US2003/012383)  
[87] 2003-11-06 (WO2003/091842)  
[30] US (60/374,504) 2002-04-23

[21] 2,479,172  
[13] A1

[51] Int.Cl. 7F16N 7/36 7F04B 39/02  
[25] EN  
[54] SUCTION OIL INJECTION FOR ROTARY COMPRESSOR  
[54] INJECTION D'HUILE DANS UNE CHAMBRE D'ASPIRATION POUR COMPRESSEUR ROTATIF  
[72] PICOUET, JEAN-LOUIS, US  
[71] VILTER MANUFACTURING CORPORATION, US  
[85] 2004-09-13  
[86] 2003-03-12 (PCT/US2003/007437)  
[87] 2003-09-25 (WO2003/078807)  
[30] US (10/097,877) 2002-03-14

[21] 2,479,173  
[13] A1

[51] Int.Cl. 7H01P 5/12 7H03H 5/10  
7H01P 1/32 7H03H 7/38  
[25] EN  
[54] A DEVICE FOR COUPLING RADIO FREQUENCY ENERGY FROM VARIOUS TRANSMISSION LINES USING VARIABLE IMPEDANCE TRANSMISSION LINES  
[54] DISPOSITIF SERVANT A COUPLER L'ENERGIE RADIOFRÉQUENCE DE PLUSIEURS LIGNES DE TRANSMISSION, FAISANT INTERVENIR DES LIGNES DE TRANSMISSION A IMPEDANCE VARIABLE  
[72] STEIN, RICHARD P., US  
[72] MCCOY, JAMES W., US  
[72] ENGLISH, RICHARD D., US  
[71] INNERWIRELESS, INC., US  
[85] 2004-09-13  
[86] 2003-03-11 (PCT/US2003/007597)  
[87] 2003-09-25 (WO2003/079558)  
[30] US (10/099,329) 2002-03-15

[21] 2,479,175  
[13] A1

[51] Int.Cl. 7H01R 25/00 7H01R 4/60  
[25] EN  
[54] A LOW VOLTAGE ELECTRICITY DISTRIBUTION CIRCUIT  
[54] CIRCUIT DE DISTRIBUTION D'ELECTRICITE A FAIBLE TENSION  
[72] KIM, KYUNG TAE, US  
[72] KIM, KYUNG HOON, US  
[71] KIM, KYUNG TAE, US  
[71] KIM, KYUNG HOON, US  
[85] 2004-09-13  
[86] 2003-04-04 (PCT/IB2003/001244)  
[87] 2003-10-16 (WO2003/084819)  
[30] NZ (518138) 2002-04-04

[21] 2,479,194  
[13] A1

[51] Int.Cl. 7A61F 2/16  
[25] EN  
[54] STABLE ANTERIOR CHAMBER PHAKIC LENS  
[54] LENTILLE PHAKIQUE DE CHAMBRE ANTERIEURE STABLE  
[72] SCOTT, JAMES M., US  
[72] LINDSEY, RAYMIE H., US  
[72] VAN NOY, STEPHEN J., US  
[71] ALCON, INC., CH  
[85] 2004-09-14  
[86] 2003-04-01 (PCT/US2003/010101)  
[87] 2003-10-30 (WO2003/089958)  
[30] US (10/124,648) 2002-04-17

[21] 2,479,195  
[13] A1

[51] Int.Cl. 7H04B 1/707  
[25] EN  
[54] DYNAMIC PILOT FILTER BANDWIDTH ESTIMATION  
[54] ESTIMATION DE LA LARGEUR DE BANDE D'UN FILTRE PILOTE DYNAMIQUE  
[72] PATEL, SHIMMAN, US  
[72] KAN, ANDREW, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2004-09-14  
[86] 2002-09-13 (PCT/US2002/029054)  
[87] 2003-10-30 (WO2003/090373)  
[30] US (60/364,795) 2002-03-15  
[30] US (10/128,392) 2002-04-22

[21] 2,479,196  
[13] A1

[51] Int.Cl. 7H01L 27/18 7G06N 1/00  
7H01L 39/22  
[25] EN  
[54] QUANTUM PHASE-CHARGE COUPLED DEVICE  
[54] DISPOSITIF COUPLE A UNE CHARGE A PHASE QUANTIQUE  
[72] HILTON, JEREMY P., CA  
[72] BLAIS, ALEXANDRE, CA  
[71] D-WAVE SYSTEMS, INC., CA  
[85] 2004-09-14  
[86] 2003-03-14 (PCT/CA2003/000357)  
[87] 2003-09-25 (WO2003/079450)  
[30] US (60/365,490) 2002-03-16  
[30] US (10/121,800) 2002-04-12  
[30] US (10/121,817) 2002-04-12  
[30] US (10/121,810) 2002-04-12

[21] 2,479,197  
[13] A1

[51] Int.Cl. 7H01Q 3/26 7H04B 7/08  
[25] EN  
[54] SIGNAL PROCESSING SYSTEM AND METHOD  
[54] SYSTEME ET PROCEDE DE TRAITEMENT DE SIGNAL  
[72] FLETCHER, PAUL, GB  
[72] DEAN, MICHAEL, GB  
[71] QINETIQ LIMITED, GB  
[85] 2004-09-14  
[86] 2003-03-07 (PCT/GB2003/000971)  
[87] 2003-09-25 (WO2003/079489)  
[30] GB (0206312.1) 2002-03-16

[21] 2,479,198  
[13] A1

[51] Int.Cl. 7H04M 11/04  
[25] EN  
[54] PROTECTING MEDIUM VOLTAGE INDUCTIVE COUPLER DEVICE  
[54] PROTECTION D'UN DISPOSITIF A COUPLAGE INDUCTIF A TENSION MOYENNE CONTRE LES PHENOMENES TRANSITOIRES ELECTRIQUES  
[72] CERN, YEHUDA, US  
[71] AMBIENT CORPORATION, US  
[85] 2004-09-14  
[86] 2003-03-13 (PCT/US2003/007542)  
[87] 2003-09-25 (WO2003/079493)  
[30] US (60/364,321) 2002-03-14  
[30] US (60/376,377) 2002-04-29

## Demandes PCT entrant en phase nationale

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[21] 2,479,200  
[13] A1

[51] Int.Cl. 7H04B 7/005 7H04J 13/00  
7H04L 1/00 7H04B 1/707  
[25] EN  
[54] METHOD AND APPARATUS FOR REDUCING INTERFERENCE WITH OUTER LOOP POWER CONTROL IN A WIRELESS COMMUNICATION SYSTEM  
[54] PROCEDE ET APPAREIL DE REDUCTION DES INTERFERENCES DANS UN SYSTEME DE COMMUNICATIONS SANS FIL  
[72] TIEDEMANN, EDWARD G., JR., US  
[72] GRILLI, FRANCESCO, US  
[72] VAYANOS, ALKINOOS HECTOR, US  
[72] MALLADI, DURGA P., US  
[72] WILLENEGGER, SERGE, CH  
[72] BLANZ, JOSEF J., DE  
[71] QUALCOMM INCORPORATED, US  
[85] 2004-09-14  
[86] 2003-03-13 (PCT/US2003/007952)  
[87] 2003-09-25 (WO2003/079576)  
[30] US (60/364,442) 2002-03-14  
[30] US (10/118,691) 2002-04-08

[21] 2,479,201  
[13] A1

[51] Int.Cl. 7H04B 10/105 7G02F 1/35  
7G01S 17/74  
[25] EN  
[54] METHOD OF ESTABLISHING COMMUNICATION THROUGH FREE SPACE BETWEEN A PAIR OF OPTICAL COMMUNICATIONS DEVICES  
[54] PROCEDE POUR ETABLIR UNE COMMUNICATION PAR LE BIAIS DE L'ESPACE LIBRE ENTRE UNE PAIRE DE DISPOSITIFS DE COMMUNICATION PAR FIBRE OPTIQUE  
[72] PASMANIK, GUERMAN, CA  
[72] KUZHELEV, ALEXANDER, CA  
[72] DUDELZAK, ALEXANDER E., CA  
[72] NOVIKOV, ALEXANDER, CA  
[71] CANADIAN SPACE AGENCY, CA  
[85] 2004-09-14  
[86] 2003-03-17 (PCT/CA2003/000392)  
[87] 2003-09-25 (WO2003/079582)  
[30] US (60/365,508) 2002-03-20

[21] 2,479,203  
[13] A1

[51] Int.Cl. 7A61B 5/117 7G09F 3/00  
7A61B 19/08 7B42D 15/10  
[25] EN  
[54] SURGICAL SITE MARKING SYSTEM  
[54] SYSTEME DE MARQUAGE DE CHAMPS OPERATOIRES  
[72] CARLSON, II GERALD I., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2004-09-14  
[86] 2003-01-27 (PCT/US2003/002418)  
[87] 2003-10-09 (WO2003/082116)  
[30] US (10/112,235) 2002-03-28

[21] 2,479,204  
[13] A1

[51] Int.Cl. 7A61B 19/08 7G09F 3/00  
7B42D 15/10 7A61B 5/117  
[25] EN  
[54] CORRECT SURGICAL SITE MARKING SYSTEM WITH DRAPING KEY  
[54] SYSTEME DE MARQUAGE DE SITE CHIRURGICAL CORRECT AVEC ADAPTATION AU DRAPAGE  
[72] CARLSON, II GERALD, I., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2004-09-14  
[86] 2003-01-27 (PCT/US2003/002416)  
[87] 2003-10-09 (WO2003/082136)  
[30] US (10/108,974) 2002-03-28

[21] 2,479,205  
[13] A1

[51] Int.Cl. 7C07D 471/04 7A61P 25/00  
7A61K 31/437  
[25] EN  
[54] AZAINDOLES AS INHIBITORS OF C-JUN N-TERMINAL KINASES  
[54] AZAINDOLES EN TANT QU'INHIBITEURS DE KINASES A TERMINAISON C-JUN N  
[72] GRACZYK, PIOTR, GB  
[72] MEDLAND, DARREN PETER, GB  
[72] BHATIA, GURPREET, GB  
[72] NUMATA, HIROTOSHI, JP  
[71] EISAI CO., LTD., JP  
[85] 2004-09-14  
[86] 2003-03-17 (PCT/GB2003/001115)  
[87] 2003-10-09 (WO2003/082869)  
[30] GB (0207488.8) 2002-03-28  
[30] GB (0300400.9) 2003-01-08

[21] 2,479,206  
[13] A1

[51] Int.Cl. 7F16L 55/04  
[25] EN  
[54] ENERGY ATTENUATION RESTRICTOR DEVICE AND MANUFACTURING METHOD  
[54] DISPOSITIF DE LIMITATION DESTINE A L'ATTENUATION DE BRUIT ET DE PULSATION ET SON PROCEDE DE FABRICATION  
[72] BHATTACHARYYA, JAYANTA, US  
[72] SKIBA, TERENCE E., US  
[71] DAYCO PRODUCTS, LLC, US  
[85] 2004-09-14  
[86] 2003-03-05 (PCT/US2003/007097)  
[87] 2003-10-09 (WO2003/083348)  
[30] US (10/104,369) 2002-03-22

[21] 2,479,207  
[13] A1

[51] Int.Cl. 7D03D 1/02 7B60R 21/16  
[25] EN  
[54] HOLLOW-WEAVE AIRBAG  
[54] AIRBAG A ARMURE CREUSE  
[72] MOURI, KAZUHIKO, JP  
[72] TOKUNAGA, SHINYA, JP  
[72] NAKAMURA, EISHICHI, JP  
[72] SAIKI, HIROYASU, JP  
[72] KATOU, SYUUICHI, JP  
[71] TOYODA BOSHOKU CORPORATION, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[71] TOYODA GOSEI CO., LTD., JP  
[85] 2004-09-13  
[86] 2003-03-14 (PCT/IB2003/000923)  
[87] 2003-09-25 (WO2003/078711)  
[30] JP (2002-073327) 2002-03-15

[21] 2,479,208  
[13] A1

[51] Int.Cl. 7B01D 61/22  
[25] EN  
[54] METHOD OF MONITORING MEMBRANE SEPARATION PROCESSES  
[54] PROCEDE DE SURVEILLANCE DE PROCEDES DE SEPARATION MEMBRANAIRE  
[72] HO, BOSCO P., US  
[72] BEDFORD, BINAIFER, US  
[72] ZEIHER, E. H. KELLE, US  
[72] GODFREY, MARTIN R., US  
[72] HOOTS, JOHN E., US  
[71] ONDEO NALCO COMPANY, US  
[85] 2004-09-13  
[86] 2003-01-21 (PCT/US2003/001756)  
[87] 2003-10-09 (WO2003/082447)  
[30] US (10/109,256) 2002-03-28

## PCT Applications Entering the National Phase

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[21] **2,479,209**

[13] A1

[51] Int.Cl. 7C11D 9/44 7C11D 17/08  
7C11D 9/26 7A61K 7/50  
[25] EN  
[54] USE INDICATING SOAP  
[54] SAVON A INDICATION  
**D'UTILISATION**  
[72] MACDONALD, JOHN GAVIN, US  
[72] KIM, JAEHO, US  
[72] AGARWAL, NAVEEN, US  
[72] HUANG, YANBIN, US  
[71] KIMBERLY-CLARK WORLDWIDE,  
INC., US  
[85] 2004-09-13  
[86] 2003-03-05 (PCT/US2003/006755)  
[87] 2003-10-09 (WO2003/083033)  
[30] US (10/107,383) 2002-03-27

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[21] **2,479,210**

[13] A1

[51] Int.Cl. 7E21B 43/26 7C09K 3/00  
[25] EN  
[54] USE OF DISPERSION POLYMERS  
AS FRICTION REDUCERS IN  
AQUEOUS FRACTURING FLUIDS  
[54] UTILISATION DE POLYMERES DE  
DISPERSION COMME REDUCTEURS  
DE FROTTEMENT DANS DES  
LIQUIDES DE FRACTURATION  
AQUEUX  
[72] CHANG, KIN TAI, US  
[72] TREYBIG, DUANE S., US  
[72] GERKEN, KURT S., US  
[72] BLAIR, CECIL C., US  
[71] ONDEO NALCO ENERGY  
SERVICES, L.P., US  
[85] 2004-09-13  
[86] 2003-04-03 (PCT/US2003/010260)  
[87] 2003-10-16 (WO2003/085232)  
[30] US (10/115,852) 2002-04-03

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[21] **2,479,211**

[13] A1

[51] Int.Cl. 7C07H 17/00 7A61P 33/02  
7A61P 31/04 7C07H 17/08 7A61K 31/70  
[25] EN  
[54] 9-DEXO-9A-AZA-9A-METHYL-9A-  
HOMOERYTHROMYCIN A  
DERIVATIVES  
[54] PSEUDOPOLYMORPHES  
ISOSTRUCTURAUX DE 9-DESOXO-9A-  
AZA-9A-METHYL-9A-  
HOMOERYTHROMYCINE A  
[72] DUMIC, MILJENKO, HR  
[72] FILIC, DARKO, HR  
[72] BUCAR, DEJAN-KRESIMIR, HR  
[72] VINKOVIC, MLADEN, HR  
[72] KNEZEVIC, ZDRAVKA, HR  
[72] ORESIC, MARINA, HR  
[72] LAZAREVSKI, GORJANA, HR  
[72] CINCIC, DOMINIK, HR  
[72] DUMBOVIC, ALOJZ, HR  
[72] DANILOVSKI, ALEKSANDAR, HR  
[72] MESTROVIC, ERNEST, HR  
[71] PLIVA-ISTRAZIVACKI INSTITUT  
D.O.O., HR  
[85] 2004-09-14  
[86] 2003-03-18 (PCT/IB2003/000987)  
[87] 2003-09-25 (WO2003/077830)  
[30] HR (P20020231A) 2002-03-18  
[30] US (60/393,612) 2002-07-03  
[30] US (60/394,705) 2002-07-08

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[21] **2,479,213**

[13] A1

[51] Int.Cl. 7A61B 19/00  
[25] EN  
[54] ORGAN SHIELDS FOR MEDICAL  
PROCEDURES  
[54] BOUCLIERS PROTEGEANT DES  
ORGANES LORS D'ACTES MEDICAUX  
[72] JEAN-FRANCOIS DURETTE,  
OCULARISTE INC., CA  
[71] JEAN-FRANCOIS DURETTE,  
OCULARISTE INC., CA  
[71] OCULARISTE INC., CA  
[85] 2004-09-14  
[86] 2003-03-19 (PCT/CA2003/000387)  
[87] 2003-10-02 (WO2003/079917)  
[30] US (10/063,121) 2002-03-22

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[21] **2,479,214**

[13] A1

[51] Int.Cl. 7A61F 13/00 7A61K 9/14  
7A61K 9/22 7A61K 9/52 7A61K 9/62  
[25] EN  
[54] A SUBSTANCE WITH SEDATIVE  
EFFECT  
[54] SUBSTANCE AYANT UNE ACTION  
SEDATIVE  
[72] SHCHEGOLEV, BORIS  
FEDOROVICH, RU  
[72] KRYLOV, BORIS VLADIMIROVICH,  
RU  
[71] TECHNOLOGY  
COMMERCIALIZATION CORPORATION,  
US  
[85] 2004-09-14  
[86] 2003-03-14 (PCT/US2003/007827)  
[87] 2003-10-02 (WO2003/079976)  
[30] RU (2002107079) 2002-03-19

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[21] **2,479,235**

[13] A1

[51] Int.Cl. 7F02C 3/055 7F02B 53/00  
7F01C 11/00 7F02C 5/06 7F02B 41/10  
7F02C 6/12 7F02B 53/14 7F02B 33/34  
[25] EN  
[54] GAS TURBINE ENGINE SYSTEM  
[54] SYSTEME DE TURBINE A GAZ  
[72] ROM, HAIM, IL  
[71] NEWTON PROPULSION  
TECHNOLOGIES LTD., IL  
[85] 2004-09-14  
[86] 2003-03-10 (PCT/IL2003/000192)  
[87] 2003-09-18 (WO2003/076779)  
[30] US (60/363,842) 2002-03-14

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[21] **2,479,236**

[13] A1

[51] Int.Cl. 7E21B 4/18 7E21B 7/20 7E21B  
17/20  
[25] EN  
[54] METHOD AND DEVICE FOR  
DIRECTIONAL DOWN-HOLE  
DRILLING  
[54] PROCEDE ET DISPOSITIF DE  
FORAGE DIRECTIONNEL EN FOND  
DE PUIT  
[72] EGERSTROEM, FREDRIK, SE  
[71] WASSARA AB, SE  
[85] 2004-09-14  
[86] 2003-02-24 (PCT/SE2003/000292)  
[87] 2003-09-18 (WO2003/076759)  
[30] SE (0200780-5) 2002-03-14

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## Demandes PCT entrant en phase nationale

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[21] 2,479,237  
[13] A1

[51] Int.Cl. 7B01J 23/50 7C07D 301/10  
7B01J 23/66  
[25] EN  
[54] ETHYLENE OXIDE CATALYST  
[54] CATALYSEUR D'OXYDE  
D'ETHYLENE  
[72] ZULAUF, CHARLES W., US  
[72] RIZKALLA, NABIL, US  
[72] BORNN, ERRROL, US  
[71] SCIENTIFIC DESIGN COMPANY,  
INC., US  
[85] 2004-09-14  
[86] 2003-04-01 (PCT/US2003/009794)  
[87] 2003-10-23 (WO2003/086624)  
[30] US (10/118,192) 2002-04-08

[21] 2,479,238  
[13] A1

[51] Int.Cl. 7G06F 11/30 7G05B 23/00  
7G01M 3/00 7G05B 13/04  
[25] EN  
[54] METHOD FOR DETECTING HEAT  
EXCHANGER TUBE FAILURES AND  
THEIR LOCATION  
[54] PROCEDE DE DETECTION DE  
DEFAILLANCES DE TUBE  
D'ECHANGEUR DE CHALEUR ET DE  
LEUR EMPLACEMENT  
[72] LANG, FRED D., US  
[71] EXERGETIC SYSTEMS, LLC, US  
[85] 2004-09-14  
[86] 2002-12-18 (PCT/US2002/037612)  
[87] 2003-11-06 (WO2003/091881)  
[30] US (10/131,932) 2002-04-24  
[30] US (10/268,466) 2002-10-09

[21] 2,479,239  
[13] A1

[51] Int.Cl. 7C08G 77/00 7A61K 9/00  
7G02B 1/04 7C08G 77/04 7A61L 27/18  
7A61L 27/44  
[25] EN  
[54] IMPROVED PROCESS FOR THE  
PRODUCTION OF POLYSILOXANE-  
BASED POLYMERIC COMPOSITIONS  
FOR USE IN MEDICAL DEVICES  
[54] METHODE AMELIOREE DE  
PRODUCTION DE COMPOSITIONS  
POLYMERIQUES A BASE DE  
POLYSILOXANE UTILISABLES DANS  
DES DISPOSITIFS MEDICAUX  
[72] LAI, YU-CHIN, US  
[72] QUINN, EDMOND T., US  
[71] BAUSCH & LOMB INCORPORATED,  
US  
[85] 2004-09-14  
[86] 2003-03-19 (PCT/US2003/008717)  
[87] 2004-01-15 (WO2004/005375)  
[30] US (10/103,260) 2002-03-20

[21] 2,479,240  
[13] A1

[51] Int.Cl. 7G06F 15/00 7G06T 1/00  
[25] EN  
[54] DATA AWARE CLUSTERED  
ARCHITECTURE FOR AN IMAGE  
GENERATOR  
[54] ARCHITECTURE EN GRAPPE A  
SYNCHRONISATION DES DONNEES  
POUR UN GENERATEUR D'IMAGES  
[72] SANZ-PASTOR, IGNACIO, US  
[72] MORGAN, DAVID L., III, US  
[71] AECHELON TECHNOLOGY, INC.,  
US  
[85] 2004-09-14  
[86] 2003-03-19 (PCT/US2003/008798)  
[87] 2003-10-02 (WO2003/081445)  
[30] US (10/102,421) 2002-03-19

[21] 2,479,241  
[13] A1

[51] Int.Cl. 7G06F 19/00  
[25] EN  
[54] COMPUTER CONTROLLED  
GRINDING MACHINE  
[54] MACHINE A RECTIFIER  
COMMANDÉE PAR ORDINATEUR  
[72] SMARSH, STEVEN G., US  
[72] GEHRKE, BRIAN M., US  
[71] SMARSH, STEVEN G., US  
[71] GEHRKE, BRIAN M., US  
[85] 2004-09-14  
[86] 2003-03-18 (PCT/US2003/008388)  
[87] 2003-10-02 (WO2003/081512)  
[30] US (60/365,395) 2002-03-18

[21] 2,479,248  
[13] A1

[51] Int.Cl. 7C12P 19/02  
[25] EN  
[54] METHOD FOR GLUCOSE  
PRODUCTION USING  
ENDOGLUCANASE CORE PROTEIN  
FOR IMPROVED RECOVERY AND  
REUSE OF ENZYME  
[54] PROCEDE DE PRODUCTION DE  
GLUCOSE FAISANT APPEL A UNE  
PROTEINE NOYAU  
D'ENDOGLUCANASE PERMETTANT  
LA RECUPERATION ET LA  
REUTILISATION AMELIOREES D'UNE  
ENZYME  
[72] WAHNON, DAPHNE, CA  
[72] WHITE, THERESA C., CA  
[72] TOLAN, JEFFREY, CA  
[72] DONALDSON, JENNIFER, CA  
[71] IOGEN ENERGY CORPORATION,  
CA  
[85] 2004-09-13  
[86] 2003-03-05 (PCT/CA2003/000299)  
[87] 2003-09-25 (WO2003/078644)  
[30] US (60/364,020) 2002-03-15

[21] 2,479,250  
[13] A1

[51] Int.Cl. 7B29C 44/12  
[25] EN  
[54] PROCESS FOR APPLYING A  
CUSHION MATERIAL TO AN ARTICLE  
[54] PROCEDE D'APPLICATION D'UN  
MATERIAU D'AMORTISSEMENT A UN  
ARTICLE  
[72] EBERLE, JOHN D., US  
[72] CARLSON, RYAN, US  
[72] ORZUKAK, ROBERT E., US  
[71] SILIPOS INC., US  
[85] 2004-09-15  
[86] 2003-03-14 (PCT/US2003/008034)  
[87] 2003-10-02 (WO2003/080313)  
[30] US (10/102,377) 2002-03-19

## PCT Applications Entering the National Phase

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[21] 2,479,253  
[13] A1

[51] Int.Cl. 7H04N 7/16  
[25] EN  
[54] SYSTEM AND METHOD FOR THE MANAGEMENT OF VIDEO TRANSMISSION SERVICES  
[54] SYSTEME ET PROCEDE PERMETTANT DE GERER DES SERVICES DE TRANSMISSION VIDEO  
[72] BELLEI, RENE, CA  
[72] KHANGSAR, TENZIN, CA  
[71] INVIDEX INC., CA  
[85] 2004-09-13  
[86] 2003-03-11 (PCT/CA2003/000340)  
[87] 2003-09-18 (WO2003/077554)  
[30] CA (2,375,377) 2002-03-11

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[21] 2,479,254  
[13] A1

[51] Int.Cl. 7A61K 31/18 7A61K 45/00  
7A61P 43/00 7A61P 37/02 7C07D 271/10  
7A61P 3/10 7A61P 13/12 7C07D 295/18  
7A61K 31/192 7A61K 31/195 7A61K 31/198 7A61K 31/216 7A61K 31/275 7A61K 31/4245 7A61K 31/5375  
[25] EN  
[54] PREVENTIVE OR THERAPEUTIC AGENT FOR KIDNEY DISEASE  
[54] AGENT PROPHYLACTIQUE OU THERAPEUTIQUE CONTRE DES MALADIES RENALES  
[72] KOIZUMI, TAKASHI, JP  
[72] AKAHANE, SATOSHI, JP  
[72] HOYANO, YUJI, JP  
[71] KISSEI PHARMACEUTICAL CO., LTD., JP  
[85] 2004-09-15  
[86] 2003-03-18 (PCT/JP2003/003229)  
[87] 2003-10-02 (WO2003/080038)  
[30] JP (2002-081769) 2002-03-22

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[21] 2,479,255  
[13] A1

[51] Int.Cl. 7H01B 11/04  
[25] EN  
[54] TWISTED PAIR CABLE WITH CABLE SEPARATOR  
[54] CABLE A PAIRES TORSADEES AVEC SEPARATEUR DE CABLE  
[72] YAMEOGO, CHRISTIAN, CA  
[72] WALLING, JORG-HEIN, CA  
[72] CORNIBERT, DENIS, CA  
[71] NORDX/CDT, INC., CA  
[85] 2004-09-13  
[86] 2003-03-13 (PCT/CA2003/000344)  
[87] 2003-09-18 (WO2003/077265)  
[30] US (60/364,158) 2002-03-13  
[30] US (10/378,398) 2003-03-03

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[21] 2,479,256  
[13] A1

[51] Int.Cl. 7A61K 31/40  
[25] EN  
[54] PHOSPHATE PRODRUGS OF FLUOROOXINDOLES  
[54] PROMEDICAMENTS PHOSPHATES DE FLUOROOXINDOLES  
[72] LOPEZ, OMAR D., US  
[72] GILLMAN, KEVIN W., US  
[72] PROVENCAL, DAVID P., US  
[72] HEWAWASAM, PIYASENA, US  
[72] SCHMITZ, WILLIAM D., US  
[72] STARRETT, JOHN E., US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2004-09-15  
[86] 2003-03-20 (PCT/US2003/008613)  
[87] 2003-10-02 (WO2003/080047)  
[30] US (60/366,010) 2002-03-20

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[21] 2,479,257  
[13] A1

[51] Int.Cl. 7A61K 31/505 7A61K 31/513  
[25] EN  
[54] INHIBITION OF CELL DEATH RESPONSES INDUCED BY OXIDATIVE STRESS  
[54] INHIBITION DE REPONSES DE MORT CELLULAIRE INDUIITE PAR STRESS OXYDATIF  
[72] KADDURAH-DAOUK, RIMA, US  
[72] KUFE, DONALD W., US  
[71] DANA-FARBER CANCER INSTITUTE, INC., US  
[85] 2004-09-15  
[86] 2003-03-20 (PCT/US2003/010112)  
[87] 2003-10-02 (WO2003/080061)  
[30] US (60/366,410) 2002-03-21

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[21] 2,479,259  
[13] A1

[51] Int.Cl. 7A61K 31/585 7A61K 31/785  
[25] EN  
[54] COMBINATION OF AN ALDOSTERONE RECEPTOR ANTAGONIST AND A BILE ACID SEQUESTERING AGENT  
[54] COMBINAISON D'UN ANTAGONISTE DE RECEPTEURS D'ALDOSTERONE ET D'UN CHELATEUR D'ACIDES BILIAIRES  
[72] KELLER, BRADLEY T., US  
[72] MCMAHON, ELLEN G., US  
[71] PHARMACIA CORPORATION, US  
[85] 2004-09-15  
[86] 2003-03-18 (PCT/US2003/008207)  
[87] 2003-10-02 (WO2003/080069)  
[30] US (60/365,390) 2002-03-18

---

[21] 2,479,260  
[13] A1

[51] Int.Cl. 7A61K 31/724 7A61K 47/40  
[25] EN  
[54] USE OF SULFOALKYL ETHER CYCLODEXTRIN AS A PRESERVATIVE  
[54] UTILISATION DE SULFOALKYLETHER DE CYCLODEXTRINE COMME AGENT CONSERVATEUR  
[72] PIPKIN, JAMES D., US  
[72] ZIMMERER, RUPERT O., US  
[72] MOSHER, GEROLD L., US  
[72] FULK, CHRISTINA M., US  
[72] THOMPSON, DIANE O., US  
[71] CYDEX, INC., US  
[85] 2004-09-15  
[86] 2003-03-19 (PCT/US2003/008348)  
[87] 2003-10-02 (WO2003/080079)  
[30] US (10/102,066) 2002-03-19

---

[21] 2,479,265  
[13] A1

[51] Int.Cl. 7A61N 5/10 7H01J 35/32  
[25] EN  
[54] X-RAY APPARATUS WITH FIELD EMISSION CURRENT CONTROL AND METHOD  
[54] APPAREIL DE RADIOGRAPHIE A COMMANDE DE COURANT D'EMISSION DE CHAMP ET PROCEDE ASSOCIE  
[72] JAAFAR, ALI, US  
[71] JAAFAR, ALI, US  
[85] 2004-09-15  
[86] 2003-03-20 (PCT/US2003/008543)  
[87] 2003-10-02 (WO2003/080180)  
[30] US (60/365,712) 2002-03-20  
[30] US (10/392,167) 2003-03-19

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[21] 2,479,271  
[13] A1

[51] Int.Cl. 7C07C 2/00  
[25] EN  
[54] GAS TO LIQUID CONVERSION PROCESS  
[54] PROCEDE DE CONVERSION DE GAZ EN LIQUIDE  
[72] SHERWOOD, STEVEN P., US  
[71] ENERGY TECHNOLOGIES GROUP, INC., US  
[85] 2004-09-15  
[86] 2003-03-17 (PCT/US2003/008078)  
[87] 2003-10-02 (WO2003/080546)  
[30] US (60/366,068) 2002-03-19  
[30] US (607410,214) 2002-09-11

## Demandes PCT entrant en phase nationale

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[21] 2,479,273  
[13] A1

[51] Int.Cl. 7C07D 305/14 7C07F 7/18  
7G01N 33/48  
[25] EN  
[54] LABELLED TAXANES  
[54] TAXANES MARQUES  
[72] FONTANA, ERMINIA, IT  
[72] GIRIBONE, DANILO, IT  
[71] PHARMACIA ITALIA SPA, IT  
[85] 2004-09-15  
[86] 2003-03-12 (PCT/EP2003/002634)  
[87] 2003-10-02 (WO2003/080587)  
[30] EP (02076113.6) 2002-03-21

---

[21] 2,479,274  
[13] A1

[51] Int.Cl. 7C07D 417/12  
[25] EN  
[54] THIAZOLIDINEDIONE  
DERIVATIVES AND  
PHARMACEUTICAL COMPOSITION  
COMPRISING THE SAME  
[54] DERIVES DE  
THIAZOLIDINEDIONE ET  
COMPOSITION PHARMACEUTIQUE  
LES CONTENANT  
[72] SHIN, JAE-SOO, KR  
[72] LEE, HONG-WOO, KR  
[72] LEE, DO-YOUNG, KR  
[72] AHN, SOON-KIL, KR  
[72] AHN, JOONG-BOK, KR  
[72] HONG, CHUNG-IL, US  
[72] KIM, BOK-YOUNG, KR  
[71] CHONG KUN DANG  
PHARMACEUTICAL CORP., KR  
[85] 2004-09-15  
[86] 2002-03-28 (PCT/KR2002/000542)  
[87] 2003-10-02 (WO2003/080605)  
[30] KR (2002/15755) 2002-03-22

---

[21] 2,479,277  
[13] A1

[51] Int.Cl. 7C07D 487/04 7A61P 13/00  
7A61P 25/00 7A61P 29/00 7A61P 39/00  
7A61P 43/00 7A61P 1/02 7A61P 19/02  
7A61P 1/04 7A61P 25/04 7A61P 11/06  
7A61P 25/06 7A61P 1/08 7A61P 37/08  
7A61P 11/14 7A61K 31/519 7A61K 31/  
5377 7A61K 31/541 7A61K 31/551  
[25] EN  
[54] FUSED BICYCLIC PYRIMIDINE  
DERIVATIVES  
[54] DERIVES DE PYRIMIDINE  
BICYCLIQUES ET FUSIONNES  
[72] IKEDA, MAKOTO, JP  
[72] TANIOKA, ASA, JP  
[72] IZAWA, SHIGERU, JP  
[72] SETO, SHIGEKI, JP  
[71] KYORIN PHARMACEUTICAL CO.,  
LTD., JP  
[85] 2004-09-15  
[86] 2003-03-24 (PCT/JP2003/003488)  
[87] 2003-10-02 (WO2003/080619)  
[30] JP (2002-084759) 2002-03-26

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[21] 2,479,279  
[13] A1

[51] Int.Cl. 7C07D 498/04 7A61P 1/00  
7A61P 13/00 7A61P 29/00 7A61P 43/00  
7A61P 13/02 7A61P 19/02 7A61P 25/02  
7A61P 1/04 7A61P 25/04 7A61P 11/06  
7A61P 25/06 7A61P 1/08 7A61P 13/10  
7A61P 11/14 7A61K 31/496 7A61K 31/551  
7A61K 31/553  
[25] EN  
[54] FUSED BICYCLIC PYRIDINE  
DERIVATIVE AS TACHYKININ  
RECEPTOR ANTAGONIST  
[54] DERIVE DE PYRIMIDINE  
BICYCLIQUE ET FUSIONNE COMME  
ANTAGONISTE DES RECEPTEURS DE  
TACHYKININE  
[72] IKEDA, MAKOTO, JP  
[72] TANIOKA, ASA, JP  
[72] IZAWA, SHIGERU, JP  
[72] SETO, SHIGEKI, JP  
[71] KYORIN PHARMACEUTICAL CO.,  
LTD., JP  
[85] 2004-09-15  
[86] 2003-03-24 (PCT/JP2003/003487)  
[87] 2003-10-02 (WO2003/080626)  
[30] JP (2002-084758) 2002-03-26

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[21] 2,479,292  
[13] A1

[51] Int.Cl. 7F01L 1/30  
[25] EN  
[54] DESMODROMIC VALVE  
ACTUATION SYSTEM  
[54] SYSTEME D'ACTIONNEMENT DE  
SOUPAPE DESMODROMIQUE  
[72] FOLINO, FRANK A., US  
[71] FOLINO, FRANK A., US  
[85] 2004-09-14  
[86] 2002-03-15 (PCT/US2002/008128)  
[87] 2002-09-26 (WO2002/075121)  
[30] US (60/276,889) 2001-03-16

---

[21] 2,479,295  
[13] A1

[51] Int.Cl. 7A61K 31/565 7A61K 31/57  
[25] EN  
[54] PROGESTERONE ORAL DRUG  
DELIVERY SYSTEM  
[54] SYSTEME D'ADMINISTRATION  
DE MEDICAMENT ORAL A BASE DE  
PROGESTERONE  
[72] TAN, DOMINGO Y., US  
[71] WATSON PHARMACEUTICALS,  
INC., US  
[85] 2004-09-13  
[86] 2002-03-14 (PCT/US2002/007562)  
[87] 2003-09-25 (WO2003/077923)

---

[21] 2,479,296  
[13] A1

[51] Int.Cl. 7B63B 43/14  
[25] EN  
[54] WATER VEHICLE WITH AN  
INFLATABLE STABILIZATION RING  
[54] BATEAU A ANNEAU DE  
STABILISATION GONFLABLE  
[72] SEIDEL, RAINER, DE  
[71] SEIDEL, RAINER, DE  
[85] 2004-09-14  
[86] 2001-10-12 (PCT/DE2001/003924)  
[87] 2003-05-01 (WO2003/035462)

## PCT Applications Entering the National Phase

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**[21] 2,479,298**  
[13] A1

[51] Int.Cl. 7A61B 5/02  
[25] EN  
[54] HEMODYNAMIC MANAGEMENT USING AORTIC PULSE PRESSURE AND FLOW  
[54] UTILISATION DE LA TENSION DIFFÉRENTIELLE AORTIQUE ET DU DEBIT DANS LA PRISE EN CHARGE HEMODYNAMIQUE INDIVIDUELLE  
[72] PINSKY, MICHAEL R., US  
[71] UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US  
[85] 2004-09-13  
[86] 2003-03-13 (PCT/US2003/007538)  
[87] 2003-09-25 (WO2003/077854)  
[30] US (10/098,655) 2002-03-15

**[21] 2,479,299**  
[13] A1

[51] Int.Cl. 7H04B 10/00  
[25] EN  
[54] OPTICALLY POWERED AND CONTROLLED OPTICAL SWITCH  
[54] COMMUTATEUR OPTIQUE A ACTIVATION ET COMMANDE OPTIQUE  
[72] LEONCZUK, TOMASZ, US  
[72] BARKER, CHARLES, US  
[72] PRADZYNSKI, KRZYSZTOF, US  
[72] CHANG, SAMUEL, US  
[71] AURORA NETWORKS, INC., US  
[85] 2004-09-15  
[86] 2003-03-17 (PCT/US2003/008172)  
[87] 2003-10-02 (WO2003/081302)  
[30] US (10/100,332) 2002-03-18

**[21] 2,479,301**  
[13] A1

[51] Int.Cl. 7G02B 26/00  
[25] EN  
[54] MICRO LIGHT MODULATOR ARRANGEMENT  
[54] AGENCEMENT DE MICRO-MODULATEUR OPTIQUE  
[72] RAVNKILDE, JAN TUE, DK  
[72] HENNINGSEN, HENNING, DK  
[71] DICON A/S, DK  
[85] 2004-09-14  
[86] 2002-03-26 (PCT/DK2002/000209)  
[87] 2003-10-02 (WO2003/081315)

**[21] 2,479,302**  
[13] A1

[51] Int.Cl. 7G06F 3/023  
[25] EN  
[54] ENTERING TEXT INTO AN ELECTRONIC COMMUNICATIONS DEVICE  
[54] ENTREE DE TEXTE DANS UN DISPOSITIF DE COMMUNICATIONS ÉLECTRONIQUES  
[72] UNRUH, ERLAND, SE  
[71] SONY ERICSSON MOBILE COMMUNICATIONS AB, SE  
[85] 2004-09-14  
[86] 2003-03-05 (PCT/EP2003/002263)  
[87] 2003-10-02 (WO2003/081366)  
[30] EP (02388023.0) 2002-03-22  
[30] US (60/369,821) 2002-04-03

**[21] 2,479,307**  
[13] A1

[51] Int.Cl. 7C12N 7/04 7C07K 14/025  
7A61K 39/12  
[25] EN  
[54] VIRUS LIKE PARTICLE FROM PAPILLOMAVIRUS AND THEIR USE IN VACCINE  
[54] VACCIN  
[72] DESCHUYTENEER, MICHEL OLIVIER SIMON CHRISTIAN, BE  
[72] CASTILLO, JOSE ANTONIO, BE  
[71] GLAXOSMITHKLINE BIOLOGICALS S.A., BE  
[85] 2004-09-14  
[86] 2003-03-17 (PCT/EP2003/002825)  
[87] 2003-09-25 (WO2003/078455)  
[30] GB (0206359.2) 2002-03-18

**[21] 2,479,303**  
[13] A1

[51] Int.Cl. 7G02B 6/38  
[25] EN  
[54] DEVICE FOR ALIGNING FIBER OPTIC CONNECTORS  
[54] DISPOSITIF D'ALIGNEMENT DE CONNECTEURS DE FIBRES OPTIQUES  
[72] LODER, HARRY A., US  
[72] CLATANOFF, WILLIAM J., US  
[72] COX, LARRY R., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-09-15  
[86] 2003-02-04 (PCT/US2003/003337)  
[87] 2003-10-02 (WO2003/081311)  
[30] US (10/100,726) 2002-03-19

**[21] 2,479,309**  
[13] A1

[51] Int.Cl. 7A61K 47/48  
[25] EN  
[54] METHODS AND COMPOSITIONS USING CELLULAR ASIALODETERMINANTS AND GLYCOCONJUGATES FOR TARGETING CELLS TO TISSUES AND ORGANS  
[54] MÉTHODES ET COMPOSITIONS FAISANT APPEL À DES ASIALODETERMINANTS CELLULAIRES ET À DES GLYCOCONJUGUES POUR FOURNIR DES CELLULES À DES TISSUS ET À DES ORGANES  
[72] PHILLIPS, CATHERINE A., US  
[71] DEPARTMENT OF VETERANS AFFAIRS, REHABILITATION R & D SERVICE, US  
[85] 2004-09-14  
[86] 2003-03-14 (PCT/US2003/007934)  
[87] 2003-12-24 (WO2003/105908)  
[30] US (60/364,498) 2002-03-15

**[21] 2,479,305**  
[13] A1

[51] Int.Cl. 7G06F 3/00  
[25] EN  
[54] SYSTEM AND METHOD FOR DYNAMICALLY GENERATING A TEXTUAL DESCRIPTION FOR A VISUAL DATA REPRESENTATION  
[54] SYSTÈME ET PROCÉDÉ POUR LA CRÉATION DYNAMIQUE D'UNE DESCRIPTION TEXTUELLE CORRESPONDANT À UNE REPRÉSENTATION VISUELLE DE DONNÉES  
[72] MILLETT, TROY, US  
[72] SHADEL, DERRICK, US  
[72] CHENEY, MARDELL, US  
[71] CORDA TECHNOLOGIES, US  
[85] 2004-09-15  
[86] 2003-03-19 (PCT/US2003/008470)  
[87] 2003-10-02 (WO2003/081409)  
[30] US (60/365,896) 2002-03-20  
[30] US (10/271,972) 2002-10-15

## Demandes PCT entrant en phase nationale

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[21] 2,479,310  
[13] A1

[51] Int.Cl. 7G06F 17/21  
[25] EN  
[54] DYNAMIC GENERATION OF SCHEMA INFORMATION FOR DATA DESCRIPTION LANGUAGES  
[54] PRODUCTION DYNAMIQUE D'INFORMATIONS DE SCHEMA POUR LANGAGES DE DESCRIPTION DE DONNEES  
[72] GRASER, TIMOTHY J., US  
[72] GROSS, DAVE H., US  
[72] CARLSON, BRENT A., US  
[71] LOGICLIBRARY, INC., US  
[85] 2004-09-15  
[86] 2003-03-05 (PCT/US2003/006903)  
[87] 2003-10-02 (WO2003/081457)  
[30] US (10/102,189) 2002-03-19

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[21] 2,479,312  
[13] A1

[51] Int.Cl. 7G11B 20/00 7G11B 20/10  
7G11B 27/36  
[25] EN  
[54] SECURE DIGITAL RECORDING  
[54] ENREGISTREMENT NUMERIQUE SECURISE  
[72] HOLMES, NEIL ANTHONY, GB  
[71] AV NICHE (RECORDING SYSTEMS) LIMITED, GB  
[85] 2004-09-15  
[86] 2003-03-19 (PCT/GB2003/001188)  
[87] 2003-10-02 (WO2003/081585)  
[30] GB (0206390.7) 2002-03-19

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[21] 2,479,313  
[13] A1

[51] Int.Cl. 7F04B 43/08 7F04B 43/00  
7F04B 43/12  
[25] EN  
[54] PUMP AND TUBE SET THEREOF  
[54] POMPE ET ENSEMBLE TUBE ASSOCIE  
[72] HALLORAN, DAMIAN, US  
[72] O'DONNELL, PHILIP, IE  
[72] ABRAHAMSON, KENT, US  
[72] REGAN, BARRY, US  
[72] CLINTON, COLM, IE  
[72] FABOZZI, RICKY, IE  
[72] DUGGAN, BRENDAN, IE  
[71] HOSPIRA, INC., US  
[85] 2004-09-14  
[86] 2003-03-10 (PCT/US2003/007121)  
[87] 2003-10-02 (WO2003/081046)  
[30] US (10/063,109) 2002-03-21

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[21] 2,479,316  
[13] A1

[51] Int.Cl. 7A61M 5/20 7A61M 5/30  
[25] EN  
[54] NOVEL DEVICE  
[54] NOUVEL APPAREIL  
[72] MITCHELL, JOHN, GB  
[72] ANDERSON, GREGOR JOHN MCLENNAN, GB  
[71] GLAXO GROUP LIMITED, GB  
[85] 2004-09-14  
[86] 2003-03-18 (PCT/EP2003/002876)  
[87] 2003-09-25 (WO2003/077973)  
[30] GB (0206560.5) 2002-03-20

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[21] 2,479,318  
[13] A1

[51] Int.Cl. 7G01V 1/28 7G01V 1/36  
[25] EN  
[54] ADAPTIVE FILTERING APPARATUS AND METHOD FOR SEISMIC DATA ACQUISITION  
[54] APPAREIL DE FILTRAGE ADAPTATIF ET PROCEDE POUR ACQUISITION DE DONNEES SISMIQUES  
[72] CREWS, GARY A., US  
[72] KAPPIUS, RUSSELL A., US  
[71] INPUT/OUTPUT, INC., US  
[85] 2004-09-14  
[86] 2003-03-19 (PCT/US2003/008317)  
[87] 2003-10-02 (WO2003/081283)  
[30] US (60/366,116) 2002-03-20

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[21] 2,479,319  
[13] A1

[51] Int.Cl. 7G02B 6/24  
[25] EN  
[54] OPTICAL FIBER ARRAY SUBSTRATE AND MANUFACTURING METHOD THEREOF  
[54] SUBSTRAT POUR RESEAU DE FIBRES OPTIQUES ET SON PROCEDE DE PRODUCTION  
[72] FUNABIKI, NOBUO, JP  
[72] SAITO, KAZUYA, JP  
[72] TAKEUCHI, HIROKAZU, JP  
[71] NIPPON ELECTRIC GLASS CO., LTD., JP  
[85] 2004-09-14  
[86] 2003-03-14 (PCT/JP2003/003053)  
[87] 2003-10-16 (WO2003/085431)  
[30] JP (2002-72098) 2002-03-15  
[30] JP (2002-171141) 2002-06-12  
[30] JP (2002-189090) 2002-06-28

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[21] 2,479,320  
[13] A1

[51] Int.Cl. 7B01D 21/06 7B01D 21/18  
[25] EN  
[54] PULP STABILISATION APPARATUS FOR A THICKENER  
[54] APPAREIL DE STABILISATION DE PATE POUR EPAISSISSEUR  
[72] BELKE, JEFFREY VICTOR, AU  
[72] TAYLOR, DAVID JOHN BUCHANAN, AU  
[71] OUTOKUMPU OYJ., FI  
[85] 2004-09-15  
[86] 2003-03-11 (PCT/AU2003/000286)  
[87] 2003-09-25 (WO2003/078020)  
[30] AU (PS 1192) 2002-03-19

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[21] 2,479,322  
[13] A1

[51] Int.Cl. 7G01C 21/00 7G08G 1/0969  
[25] EN  
[54] RELATIVE POSITION INFORMATION CORRECTION DEVICE, RELATIVE POSITION INFORMATION CORRECTION METHOD, RELATIVE POSITION INFORMATION CORRECTION PROGRAM, SHAPE VECTOR GENERATION DEVICE, SHAPE VECTOR GENERATION METHOD, AND SHAPE VECTOR GENERATION PROGRAM  
[54] DISPOSITIF DE CORRECTION D'INFORMATION DE POSITION RELATIVE, PROCEDE DE CORRECTION D'INFORMATION DE POSITION RELATIVE, PROGRAMME DE CORRECTION D'INFORMATION DE POSITION RELATIVE, DISPOSITIF DE GENERATION DE VECTEURS DE FORME, PROCEDE DE GENERATION DE VECTEURS DE FORME, ET PROGRAMME DE GENERATION DE VECTEURS DE FORME  
[72] ADACHI, SHINYA, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 2004-09-14  
[86] 2003-03-28 (PCT/JP2003/004023)  
[87] 2003-10-23 (WO2003/087723)  
[30] JP (2002-091650) 2002-03-28  
[30] JP (2002-092210) 2002-03-28

## PCT Applications Entering the National Phase

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**[21] 2,479,324**  
[13] A1

[51] Int.Cl. 7A61M 16/00  
[25] EN  
[54] CONTINUOUS POSITIVE AIRWAY PRESSURE DEVICE  
[54] DISPOSITIF DE PRESSION DES VOIES AERIENNES POSITIVE CONTINUE  
[72] SHAW, GEOFFREY MARK, NZ  
[71] LIFEVENT LIMITED, NZ  
[85] 2004-09-14  
[86] 2002-04-09 (PCT/NZ2002/000057)  
[87] 2002-11-14 (WO2002/089886)  
[30] NZ (511096) 2001-04-12  
[30] NZ (514278) 2001-09-19  
[30] NZ (515104) 2001-10-29

---

**[21] 2,479,326**  
[13] A1

[51] Int.Cl. 7B01D 21/24  
[25] EN  
[54] DUAL ZONE FEEDWELL FOR A THICKENER  
[54] PUITS D'ALIMENTATION A DEUX ZONES POUR EPAISSEUR  
[72] TAYLOR, DAVID JOHN  
BUCHANAN, AU  
[71] OUTOKUMPU OYJ, FI  
[85] 2004-09-15  
[86] 2003-03-11 (PCT/AU2003/000285)  
[87] 2003-09-25 (WO2003/078021)  
[30] AU (PS 1188) 2002-03-19

---

**[21] 2,479,330**  
[13] A1

[51] Int.Cl. 7B21D 39/04 7F16B 17/00  
7B60N 2/68  
[25] EN  
[54] METHOD AND APPARATUS FOR INTERLOCKING TUBULAR MEMBERS  
[54] PROCEDES ET APPAREIL D'EMBOITEMENT D'ELEMENTS TUBULAIRES  
[72] SKREPNEK, ANDY, CA  
[72] ABEL, JOE, CA  
[71] SUMMO STEEL CORPORATION, CA  
[85] 2004-09-15  
[86] 2003-03-17 (PCT/CA2003/000360)  
[87] 2003-09-25 (WO2003/078089)  
[30] CA (2,377,160) 2002-03-18

---

**[21] 2,479,331**  
[13] A1

[51] Int.Cl. 7B65G 45/00  
[25] EN  
[54] CHIP DISCHARGE SYSTEM  
[54] SYSTEME D'EVACUATION DE COPEAUX  
[72] NISHIGUCHI, SHIGERU, JP  
[71] MAYFRAN INTERNATIONAL, US  
[85] 2004-09-15  
[86] 2003-03-07 (PCT/US2003/006789)  
[87] 2003-10-02 (WO2003/080482)  
[30] JP (2002-76694) 2002-03-19

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**[21] 2,479,332**  
[13] A1

[51] Int.Cl. 7A41D 31/00 7D04H 3/04  
7G08B 13/12  
[25] EN  
[54] CUT-RESISTANT AND CUT-WARNING FABRIC  
[54] TEXTILE RESISTANT AUX DECOUPURES ET POURVU D'UN SYSTEME D'ALERTE EN CAS DE VANDALISME  
[72] HAZAN, ERIC, BE  
[72] DE MEYER, LUC, BE  
[71] HAZAN, ERIC, BE  
[71] DE MEYER, LUC, BE  
[85] 2004-09-15  
[86] 2003-01-14 (PCT/EP2003/000288)  
[87] 2003-09-25 (WO2003/077692)  
[30] EP (PCT/EP02/02926) 2002-03-15

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**[21] 2,479,334**  
[13] A1

[51] Int.Cl. 7G01N 21/35  
[25] EN  
[54] HIGH SPEED ANALYZER USING NEAR INFRARED RADIATION TRANSMITTED THROUGH THICK SAMPLES OF OPTICALLY DENSE MATERIAL  
[54] ANALYSEUR HAUTE VITESSE UTILISANT LE RAYONNEMENT INFRAROUGE PROCHE TRANSMIS A TRAVERS LES ECHANTILLONS EPAIS D'UN MATERIAU OPTIQUEMENT DENSE  
[72] AMBUEL, JACK, US  
[71] AG LEADER TECHNOLOGY, INC., US  
[85] 2004-09-15  
[86] 2003-03-19 (PCT/US2003/008417)  
[87] 2003-10-02 (WO2003/081188)  
[30] US (60/365,698) 2002-03-20

---

**[21] 2,479,335**  
[13] A1

[51] Int.Cl. 7A61B 8/08  
[25] EN  
[54] ULTRASONOGRAPHIC SYSTEM AND ULTRASONOGRAPHY  
[54] SYSTEME D'ECHOGRAPHIE  
[72] TANAKA, MOTONAO, JP  
[72] KANAI, HIROSHI, JP  
[72] KOIWA, YOSHIRO, JP  
[71] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP  
[85] 2004-09-15  
[86] 2002-09-04 (PCT/JP2002/008975)  
[87] 2003-09-25 (WO2003/077765)  
[30] JP (2002-74957) 2002-03-18

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**[21] 2,479,336**  
[13] A1

[51] Int.Cl. 7A61F 2/80  
[25] EN  
[54] CUSHIONED LINER AND USE WITH PROSTHETIC DEVICES  
[54] MANCHON REMBOURRE ET SON UTILISATION AVEC DES APPAREILLAGES PROTHETIQUES  
[72] MAY, BARRY A., US  
[72] EBERLE, JOHN D., US  
[72] CARLSON, RYAN, US  
[72] SCHAFFER, STEPHEN P., US  
[71] SILIPOS INC., US  
[85] 2004-09-15  
[86] 2003-03-14 (PCT/US2003/007980)  
[87] 2003-10-02 (WO2003/079926)  
[30] US (10/102,299) 2002-03-19

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**[21] 2,479,338**  
[13] A1

[51] Int.Cl. 7C07D 513/00 7C07D 498/00  
7C07D 271/02 7C07D 291/04 7C07D 291/08 7C07D 271/12 7A61K 31/40 7A61K 31/41 7A61K 31/4164 7A61K 31/47  
[25] EN  
[54] SUBSTITUTED PHENYLACETIC ACIDS  
[54] ACIDES PHENYLACETIQUES SUBSTITUEES  
[72] ZHAO, ZUCHUN, US  
[72] CHEN, XIN, US  
[72] SUN, HONGBIN, US  
[72] WANG, JIANCHAO, US  
[72] LIANG, JACK SHIH-CHIEH, US  
[71] METABOLEX, INC., US  
[85] 2004-09-15  
[86] 2003-03-19 (PCT/US2003/008899)  
[87] 2003-10-02 (WO2003/080545)  
[30] US (60/366,961) 2002-03-20

## Demandes PCT entrant en phase nationale

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<b>[21] 2,479,339</b> [13] A1
<b>[51] Int.Cl. 7A61B 10/00</b>
[25] EN
<b>[54] VACUUM BIOPSY DEVICE</b>
<b>[54] DISPOSITIF POUR BIOPSIE SOUS VIDE</b>
[72] HESKE, NORBERT, DE
[72] HESKE, THOMAS, DE
[71] BARD DUBLIN ITC LIMITED, GB
[85] 2004-09-15
[86] 2003-03-17 (PCT/DE2003/000844)
[87] 2003-09-25 (WO2003/077767)
[30] DE (202 04 363.0) 2002-03-19
[30] DE (202 04 362.2) 2002-03-19
[30] DE (202 04 361.4) 2002-03-19
[30] DE (102 12 156.7) 2002-03-19
[30] DE (102 12 139.7) 2002-03-19
[30] DE (102 12 155.9) 2002-03-19
[30] DE (202 09 525.8) 2002-06-19
[30] DE (202 09 530.4) 2002-06-19
[30] DE (202 11 934.3) 2002-08-02
[30] DE (202 15 962.0) 2002-10-17

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<b>[21] 2,479,342</b> [13] A1
<b>[51] Int.Cl. 7G06F 17/30</b>
[25] EN
<b>[54] RULE PROCESSING SYSTEM AND METHOD</b>
<b>[54] SYSTEME ET PROCEDE DE GESTION DE REGLES</b>
[72] HUELSMAN, DAVID L., US
[72] MAIR, DOUGLAS M., US
[72] LOVE, SHARON E., US
[71] RESOLUTIONEBS, INC., US
[85] 2004-09-15
[86] 2003-03-19 (PCT/US2003/008265)
[87] 2003-10-02 (WO2003/081478)
[30] US (60/365,517) 2002-03-20

---

<b>[21] 2,479,343</b> [13] A1
<b>[51] Int.Cl. 7G07F 7/10</b>
[25] EN
<b>[54] PORTABLE ELECTRONIC AUTHORIZATION SYSTEM AND METHOD</b>
<b>[54] SYSTEME D'AUTORISATION ELECTRONIQUE PORTABLE ET PROCEDE ASSOCIE</b>
[72] BURGER, TODD O., US
[72] JESSEN, KARLIN B., US
[72] HASSOL, JOSHUA L., US
[72] THOMAS, JOSEPH A., US
[71] CHAMELEON NETWORK INC., US
[85] 2004-09-15
[86] 2003-03-19 (PCT/US2003/008638)
[87] 2003-10-02 (WO2003/081519)
[30] US (60/366,098) 2002-03-19
[30] US (60/379,964) 2002-05-13

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<b>[21] 2,479,345</b> [13] A1
<b>[51] Int.Cl. 7G07C 9/00</b>
[25] EN
<b>[54] SYSTEM AND METHOD FOR MONITORING AND TRACKING INDIVIDUALS</b>
<b>[54] SYSTEME ET PROCEDE DE SURVEILLANCE ET DE SUIVI D'INDIVIDUS</b>
[72] VERDIRAMO, VINCENT L., US
[71] IL GATTO, INCORPORATED, US
[85] 2004-09-15
[86] 2003-03-18 (PCT/US2003/008334)
[87] 2003-10-02 (WO2003/081539)
[30] US (60/364,592) 2002-03-18

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<b>[21] 2,479,346</b> [13] A1
<b>[51] Int.Cl. 7H02B 13/025</b>
[25] EN
<b>[54] ARC-RESISTANT SWITCHGEAR ENCLOSURE</b>
<b>[54] ENCEINTE POUR APPAREILLAGE DE COMMUTATION RESISTANT AUX ARCS</b>
[72] LAMMERS, AREND JAN WILLEM, NL
[71] EATON ELECTRIC N.V., NL
[85] 2004-09-15
[86] 2003-03-21 (PCT/NL2003/000216)
[87] 2003-10-02 (WO2003/081738)
[30] NL (1020224) 2002-03-21

## PCT Applications Entering the National Phase

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[21] 2,479,349  
[13] A1

[51] Int.Cl. 7A61B 10/00  
[25] EN  
[54] BIOPSY DEVICE AND BIOPSY NEEDLE MODULE THAT CAN BE INSERTED INTO THE BIOPSY DEVICE  
[54] DISPOSITIF DE BIOPSIE ET MODULE D'AIGUILLE BIOPSIQUE INSERABLE DANS LE DISPOSITIF DE BIOPSIE  
[72] HESKE, NORBERT, DE  
[72] HESKE, THOMAS, DE  
[71] BARD DUBLIN ITC LIMITED, GB  
[85] 2004-09-15  
[86] 2003-03-05 (PCT/EP2003/002285)  
[87] 2003-09-25 (WO2003/077768)  
[30] DE (102 12 154.0) 2002-03-19  
[30] DE (102 35 480.4) 2002-08-02  
[30] DE (102 48 425.2) 2002-10-17

[21] 2,479,350  
[13] A1

[51] Int.Cl. 7A61K 31/165 7A61K 31/00  
7A61P 25/00  
[25] EN  
[54] NE AND 5-HT REUPTAKE INHIBITORS FOR TREATING VISCERAL PAIN SYNDROMES  
[54] INHIBITEURS DE RECAPTAGE DE 5-HT POUR LE TRAITEMENT DE SYNDROMES DE LA DOULEUR VISCIERALE  
[72] RAO, SRINIVAS G., US  
[72] KRANZLER, JAY D., US  
[71] RAO, SRINIVAS G., US  
[71] KRANZLER, JAY D., US  
[71] CYPRESS BIOSCIENCE, INC., US  
[85] 2004-09-15  
[86] 2003-03-17 (PCT/US2003/008155)  
[87] 2003-09-25 (WO2003/077897)  
[30] US (60/364,531) 2002-03-15

[21] 2,479,351  
[13] A1

[51] Int.Cl. 7A61K 47/36 7A61P 27/00  
[25] EN  
[54] TOPICAL COMPOSITION COMPRISING A CYCLOFRUCTAN, A CARRIER AND A DRUG  
[54] COMPOSITION TOPIQUE CONTENANT UN CYCLOFRUCTANE, UN EXCIPIENT ET UN PRINCIPE ACTIF  
[72] LOHMANN, DIETER, CH  
[72] SCHOCH, CHRISTIAN, CH  
[72] KIS, GYOERGY LAJOS, CH  
[71] NOVARTIS AG, CH  
[85] 2004-09-15  
[86] 2003-03-17 (PCT/EP2003/002760)  
[87] 2003-09-25 (WO2003/077952)  
[30] EP (02006085.1) 2002-03-18  
[30] GB (0229019.5) 2002-12-12  
[30] GB (0230033.3) 2002-12-23

[21] 2,479,352  
[13] A1

[51] Int.Cl. 7C07D 265/36 7A61P 7/00  
7A61P 11/00 7A61P 17/00 7A61P 29/00  
7A61P 43/00 7A61P 1/04 7A61P 25/06  
7A61P 37/08 7A61P 9/10 7A61P 25/20  
7A61K 31/538  
[25] EN  
[54] CARBOXYLIC ACID COMPOUNDS AND DRUGS CONTAINING THE COMPOUNDS AS THE ACTIVE INGREDIENT  
[54] COMPOSES D'ACIDE CARBOXYLIQUE ET MEDICAMENTS RENFERMANT LES COMPOSES COMME PRINCIPE ACTIF  
[72] NAMBU, FUMIO, JP  
[72] KOBAYASHI, KAORU, JP  
[72] IWASHI, MAKI, JP  
[71] ONO PHARMACEUTICAL CO., LTD., JP  
[85] 2004-09-15  
[86] 2003-03-06 (PCT/JP2003/002635)  
[87] 2003-09-25 (WO2003/078409)  
[30] JP (2002-76456) 2002-03-19

[21] 2,479,353  
[13] A1

[51] Int.Cl. 7C07D 333/62 7A61P 9/00  
7A61P 29/00 7A61P 35/00 7A61P 43/00  
7A61P 17/02 7A61P 27/02 7A61P 11/06  
7A61P 17/06 7A61P 37/08 7A61P 9/10  
7C07D 413/12 7A61P 9/12 7A61P 13/12  
7C07D 417/14 7A61K 31/381 7A61K 31/422 7A61K 31/427  
[25] EN  
[54] N-SUBSTITUTED BENZOTHIOPHENESULFONAMIDE DERIVATIVE  
[54] DERIVE DU BENZOTHIOPHENESULFONAMIDE SUBSTITUE EN N  
[72] MASAKI, HIDEKAZU, JP  
[72] SATO, SHOJI, JP  
[72] MIZUNO, YUSUKE, JP  
[71] TOA EIYO LTD., JP  
[85] 2004-09-15  
[86] 2003-03-13 (PCT/JP2003/003023)  
[87] 2003-09-25 (WO2003/078419)  
[30] JP (2002-072307) 2002-03-15

[21] 2,479,354  
[13] A1

[51] Int.Cl. 7C07D 501/50 7A61P 31/04  
7C07D 519/06 7C07D 277/40 7C07D 277/46 7A61K 31/546 7C07D 277/56  
[25] EN  
[54] BROAD-SPECTRUM CEPHEM COMPOUNDS  
[54] COMPOSES CEPHEME A LARGE SPECTRE  
[72] NISHITANI, YASUHIRO, JP  
[72] YAMANO, YOSHINORI, JP  
[71] SHIONOGI & CO., LTD., JP  
[85] 2004-09-15  
[86] 2003-03-18 (PCT/JP2003/003249)  
[87] 2003-09-25 (WO2003/078440)  
[30] JP (2002-073526) 2002-03-18

## Demandes PCT entrant en phase nationale

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[21] 2,479,355  
[13] A1

[51] Int.Cl. 7C07K 1/14 7C07K 17/06  
[25] EN  
[54] POLYMER SUPPORTED REAGENTS FOR NATURAL PRODUCTS PURIFICATION  
[54] REACTIFS SUPPORTES PAR DES POLYMERES POUR LA PURIFICATION DE PRODUITS NATURELS  
[72] ZAMAI, MORENO, IT  
[72] THALER, FLORIAN, IT  
[71] PHARMACIA ITALIA S.P.A., IT  
[85] 2004-09-15  
[86] 2003-03-12 (PCT/EP2003/002635)  
[87] 2003-09-25 (WO2003/078454)  
[30] EP (02076087.2) 2002-03-20

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[21] 2,479,356  
[13] A1

[51] Int.Cl. 7C08B 37/00  
[25] EN  
[54] BUILDING ADDITIVES BASED ON PURIFIED HYDROXYALKYL GUAR  
[54] ADJUVANT A BASE DE GOMME DE GUAR HYDROXYALKYLE PURIFIEE, DESTINE A L'INDUSTRIE DU BATIMENT  
[72] RINALDI, CRISTINA, IT  
[72] PFEIFFER, UGO, IT  
[72] LI BASSI, GIUSEPPE, IT  
[72] MOLTENI, GIUSEPPE, IT  
[71] LAMBERTI SPA, IT  
[85] 2004-09-15  
[86] 2003-03-12 (PCT/EP2003/002539)  
[87] 2003-09-25 (WO2003/078473)  
[30] IT (VA2002 A 000023) 2002-03-18

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[21] 2,479,357  
[13] A1

[51] Int.Cl. 7C08B 37/00 7C04B 24/38  
[25] EN  
[54] BUILDING ADDITIVES BASED ON PURIFIED HYDROPHOBICALLY MODIFIED HYDROXYALKYL GUAR  
[54] ADDITIFS A BASE DE GUAR HYDROXYALKYLE PURIFIE MODIFIE HYDROPHOBIQUEMENT DESTINES A DES PRODUITS DE CONSTRUCTION  
[72] RINALDI, CRISTINA, IT  
[72] PFEIFFER, UGO, IT  
[72] LI BASSI, GIUSEPPE, IT  
[72] MOLTENI, GIUSEPPE, IT  
[71] LAMBERTI SPA, IT  
[85] 2004-09-15  
[86] 2003-03-12 (PCT/EP2003/002540)  
[87] 2003-09-25 (WO2003/078474)  
[30] IT (VA 2002 A 000024) 2002-03-18

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[21] 2,479,359  
[13] A1

[51] Int.Cl. 7C08J 9/00 7C08L 25/04  
7C08J 9/16  
[25] EN  
[54] COMPOSITIONS BASED ON EXPANDABLE VINYLAROMATIC POLYMERS WITH AN IMPROVED EXPANDABILITY  
[54] COMPOSITIONS A BASE DE POLYMERES VINYL-AROMATIQUES SUSCEPTIBLES D'EXPANSION, A COEFFICIENT D'EXPANSION AMELIORE  
[72] LANFREDI, ROBERTO, IT  
[72] LONGO, ALDO, IT  
[72] CASALINI, ALESSANDRO, IT  
[72] GHIDONI, DARIO, IT  
[71] POLIMERI EUROPA S.P.A., IT  
[85] 2004-09-15  
[86] 2003-03-06 (PCT/EP2003/002274)  
[87] 2003-09-25 (WO2003/078517)  
[30] IT (MI2002A000584) 2002-03-20

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[21] 2,479,362  
[13] A1

[51] Int.Cl. 7C07D 295/20 7A61P 29/00  
7A61P 35/00 7A61P 37/06 7C07D 211/16  
7C07D 211/18 7C07D 211/26 7A61K 31/495 7C07D 211/58 7C07D 211/82  
[25] EN  
[54] N-SULFONYLUREA APOPTOSIS PROMOTERS  
[54] PROMOTEURS DE L'APOPTOSE DE LA N-SULFONYLUREE  
[72] ELMORE, STEVEN W., US  
[72] WANG, XILU, US  
[72] PARK, CHEOL-MIN, US  
[71] ABBOTT LABORATORIES, US  
[85] 2004-09-16  
[86] 2003-03-14 (PCT/US2003/008139)  
[87] 2003-10-02 (WO2003/080586)  
[30] US (10/103,434) 2002-03-21

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[21] 2,479,372  
[13] A1

[51] Int.Cl. 7A61K 31/7028 7A61K 31/485  
[25] EN  
[54] GLYCOSIDE AND ORTHOESTER GLYCOSIDE DERIVATIVES OF APOMORPHINE, ANALOGS, AND USES THEREOF  
[54] DERIVES DE GLYCOSIDE ET DE GLYCOSIDE ORTHOESTER D'APOMORPHINE, D'ANALOGUES ET UTILISATIONS CORRESPONDANTES  
[72] HOLICK, MICHAEL, US  
[72] RAMANATHAN, HALASYA, US  
[71] HOLICK, MICHAEL, US  
[85] 2004-09-16  
[86] 2003-03-19 (PCT/US2003/008448)  
[87] 2003-10-02 (WO2003/080074)  
[30] US (60/365,454) 2002-03-19

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[21] 2,479,373  
[13] A1

[51] Int.Cl. 7C21D 7/06  
[25] EN  
[54] METHOD AND APPARATUS FOR PROVIDING A LAYER OF COMPRESSIVE RESIDUAL STRESS  
[54] PROCEDE ET APPAREIL D'APPLICATION D'UNE COUCHE DE CONTRAINTE EN COMPRESSION RESIDUELLE  
[72] CAMMETT, JOHN T., US  
[72] PREVEY, PAUL S., III, US  
[71] SURFACE TECHNOLOGY HOLDINGS, LTD., US  
[85] 2004-09-16  
[86] 2003-03-14 (PCT/US2003/008130)  
[87] 2003-10-02 (WO2003/080877)  
[30] US (60/346,489) 2002-03-18  
[30] US (60/376,757) 2002-04-30

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[21] 2,479,374  
[13] A1

[51] Int.Cl. 7F02M 29/04  
[25] EN  
[54] ANTI-DETTONATION FUEL DELIVERY SYSTEM  
[54] SYSTEME DE DISTRIBUTION DE CARBURANT ANTI-DETTONATION  
[72] DELISLE, GILLES L., US  
[71] BETTER BURN, LLC, US  
[85] 2004-09-16  
[86] 2003-03-19 (PCT/US2003/008635)  
[87] 2003-10-02 (WO2003/081015)  
[30] US (10/101,250) 2002-03-19

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## PCT Applications Entering the National Phase

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**[21] 2,479,375**

[13] A1

[51] Int.Cl. 7G06F 17/00 7G06T 1/00  
7G06F 17/30 7G06F 17/60  
[25] EN  
[54] METHOD, SYSTEM, AND  
PROGRAM FOR AN IMPROVED  
ENTERPRISE SPATIAL SYSTEM  
[54] PROCEDE, SYSTEME ET  
LOGICIEL POUR UN SYSTEME  
SPATIAL AMELIORE D'ENTREPRISE  
[72] JENKINS, ANTHONY P., US  
[72] ODOM, RICHARD H., JR, US  
[72] STIER, MARK A., US  
[72] DYRNAES, DAVID N., US  
[72] VON KAENEL, TIM A., US  
[72] TRIVELPIECE, CRAIG E., US  
[72] GOODWIN, JONATHAN D., US  
[72] WAYMAN, JARED P., US  
[72] MIHALICH, JOSEPH, US  
[72] KUMAR, SURESH C., US  
[71] QUESTERRA CORPORATION, US  
[85] 2004-09-16  
[86] 2003-03-17 (PCT/US2003/008296)  
[87] 2003-10-02 (WO2003/081388)  
[30] US (60/364,807) 2002-03-16

**[21] 2,479,376**

[13] A1

[51] Int.Cl. 7H04J 3/16  
[25] EN  
[54] INFORMATION ROUTING  
DEVICE HAVING AN AUTO-  
CONFIGURATION FEATURE  
[54] DISPOSITIF D'ACHEMINEMENT  
D'INFORMATION COMPORANT UNE  
CARACTERISTIQUE D'AUTO-  
CONFIGURATION  
[72] XIONG, BO, US  
[72] LI, CHUANG, US  
[71] ACTIONTEC ELECTRONICS, INC.,  
US  
[85] 2004-09-16  
[86] 2003-03-20 (PCT/US2003/009080)  
[87] 2003-10-02 (WO2003/081819)  
[30] US (10/104,737) 2002-03-20

**[21] 2,479,377**

[13] A1

[51] Int.Cl. 7H04N 7/26 7G06T 9/00  
7H04N 1/41  
[25] EN  
[54] EFFICIENT ORDERING OF DATA  
FOR COMPRESSION AND  
VISUALIZATION  
[54] CLASSEMENT DE DONNEES  
EFFICACE PERMETTANT  
COMPRESSION ET LEUR  
VISUALISATION  
[72] KRISHNAN, ARUN, US  
[71] SIEMENS CORPORATE RESEARCH,  
INC., US  
[85] 2004-09-16  
[86] 2003-03-10 (PCT/US2003/007167)  
[87] 2003-10-02 (WO2003/081919)  
[30] US (10/100,154) 2002-03-18

**[21] 2,479,378**

[13] A1

[51] Int.Cl. 7A61B 5/00 7A61N 1/04  
7A61N 1/30  
[25] EN  
[54] WIRELESS ELECTRODE HAVING  
ACTIVATABLE POWER CELL  
[54] ELECTRODE SANS FIL  
COMPRENANT UNE PILE A  
ALIMENTATION EN ENERGIE  
ACTIONNABLE  
[72] CARIM, HATIM M., US  
[71] 3M INNOVATIVE PROPERTIES  
COMPANY, US  
[85] 2004-09-16  
[86] 2003-02-04 (PCT/US2003/003238)  
[87] 2003-10-09 (WO2003/082095)  
[30] US (10/112,107) 2002-03-28

**[21] 2,479,380**

[13] A1

[51] Int.Cl. 7A61K 7/48 7A61L 24/04  
7A61L 15/58  
[25] EN  
[54] HYDROGEL ADHESIVES FOR USE  
ON HAIR OR FIBER-POPULATED  
SURFACES  
[54] HYDROGEL ADHESIF  
UTILISABLE SUR LES CHEVEUX OU  
SUR DES SURFACES GARNIES DE  
FIBRES  
[72] COLES, PETER, DE  
[72] GOLDMAN, STEPHEN ALLEN, IT  
[72] ROMANO, MARIO, IT  
[72] CINELLI, FABIO, IT  
[71] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 2004-09-16  
[86] 2003-03-27 (PCT/US2003/009345)  
[87] 2003-10-16 (WO2003/084498)  
[30] EP (02447052.8) 2002-03-29

**[21] 2,479,381**

[13] A1

[51] Int.Cl. 7A61K 31/4174 7A61K 31/045  
7A61P 31/10 7A61K 31/7048  
[25] EN  
[54] A USE OF TREATMENT FOR  
FUNGAL INFECTIONS WITH A  
SYNERGISTIC FORMULATION OF  
ANTIFUNGAL AGENTS  
[54] UTILISATION D'UN TRAITEMENT  
CONTRE LES INFECTIONS  
FONGIQUES METTANT EN OEUVRE  
UNE FORMULATION SYNERGIQUE  
D'AGENTS ANTIFONGIQUES  
[72] AGARWAL, KRISHNA KUMAR, IN  
[72] KHANUJA, SUMAN PREET SINGH,  
IN  
[72] CHATRUVEDI, PUSPALATA, IN  
[72] AHMED, ATIQUE, IN  
[72] KUMAR, TIRUPPADIRIPULIYUR  
RANGANATHAN SANTHA, IN  
[72] KUMAR, SUSHIL, IN  
[72] SHASANY, AJIT KUMAR, IN  
[72] DAROKAR, MAHENDRA  
PANDURANG, IN  
[72] ARYA, JAI SHANKAR, IN  
[71] COUNCIL OF SCIENTIFIC AND  
INDUSTRIAL RESEARCH, IN  
[85] 2004-09-16  
[86] 2002-03-25 (PCT/IB2002/001079)  
[87] 2003-10-02 (WO2003/080052)

## Demandes PCT entrant en phase nationale

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**[21] 2,479,382**  
[13] A1

[51] Int.Cl. 7H04L 12/26 7H04L 12/24  
[25] EN  
[54] METHOD, SYSTEM AND COMPUTER PROGRAM FOR DETERMINING NETWORK OPERATIONAL CHARACTERISTICS OF SOFTWARE APPLICATIONS  
[54] PROCEDE, SYSTEME ET PROGRAMME INFORMATIQUE PERMETTANT DE DETERMINER LES CARACTERISTIQUES DE FONCTIONNEMENT RESEAU D'APPLICATIONS LOGICIELLES  
[72] MCBRIDE, EDMUND JOSEPH, US  
[71] SIEMENS MEDICAL SOLUTIONS USA, INC., US  
[85] 2004-09-14  
[86] 2003-03-17 (PCT/US2003/008300)  
[87] 2003-10-23 (WO2003/088576)  
[30] US (60/366,507) 2002-03-21  
[30] US (10/388,045) 2003-03-13

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**[21] 2,479,383**  
[13] A1

[51] Int.Cl. 7A61P 9/04 7A61K 47/02  
7A61P 9/02 7A61K 47/12 7A61P 1/16  
7A61K 47/26 7A61K 47/40 7A61K 31/585  
[25] EN  
[54] STORAGE STABLE EPLERENONE FORMULATION  
[54] FORMULATION DE L'EPLERENONE STABLE AU STOCKAGE  
[72] FERRO, LEONARD J., US  
[72] QI, HONG, US  
[72] ARAMWIT, PORNANONG, US  
[71] PHARMACIA CORPORATION, US  
[85] 2004-09-15  
[86] 2003-03-20 (PCT/US2003/008432)  
[87] 2003-10-02 (WO2003/080181)  
[30] US (60/366,064) 2002-03-20

---

**[21] 2,479,384**  
[13] A1

[51] Int.Cl. 7H01L 23/495  
[25] EN  
[54] LIGHTING DEVICE AND METHOD  
[54] PROCEDE ET DISPOSITIF D'ECLAIRAGE  
[72] GIARDINA, RICHARD N., US  
[72] FETSCHER, BRIAN S., US  
[72] DEUTSCHLANDER, G. JAMES, US  
[72] SUNDBERG, CRAIG C., US  
[72] MARTTER, ROBERT H., US  
[71] HEATRON, INC., US  
[85] 2004-09-14  
[86] 2003-04-09 (PCT/US2003/010807)  
[87] 2003-10-23 (WO2003/087660)  
[30] US (10/120,158) 2002-04-10

---

**[21] 2,479,387**  
[13] A1

[51] Int.Cl. 7G06F 19/00  
[25] EN  
[54] ELECTRONIC HEALTHCARE MANAGEMENT FORM NAVIGATION  
[54] NAVIGATION DANS UN FORMULAIRE DE SOINS DE SANTE ELECTRONIQUE  
[72] RAO, KIRON, IN  
[72] BRITTON, CATHERINE, US  
[72] STEINBERG, TERRI H., US  
[71] SIEMENS MEDICAL SOLUTIONS HEALTH SERVICES CORPORATION, US  
[85] 2004-09-15  
[86] 2003-03-10 (PCT/US2003/007164)  
[87] 2003-10-02 (WO2003/081474)  
[30] US (60/364,540) 2002-03-16  
[30] US (10/383,299) 2003-03-07

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**[21] 2,479,390**  
[13] A1

[51] Int.Cl. 7B65D 41/58 7B65D 39/00  
7B65D 41/32 7B65D 41/60 7B65D 41/62  
[25] EN  
[54] SYNTHETIC BOTTLE CLOSURE  
[54] FERMETURE SYNTHETIQUE POUR BOUTEILLE  
[72] MCKENNA, CONOR, AU  
[72] BROOKS, JOHN, AU  
[71] ZORK PTY LTD, AU  
[85] 2004-09-15  
[86] 2003-02-17 (PCT/AU2003/000189)  
[87] 2003-08-21 (WO2003/068622)  
[30] AU (PS 0532) 2002-02-15

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**[21] 2,479,391**  
[13] A1

[51] Int.Cl. 7C01F 5/22 7B01D 61/14  
7C01B 13/36  
[25] EN  
[54] METHOD AND APPARATUS FOR PRODUCING A METAL HYDROXIDE  
[54] PROCEDE ET DISPOSITIF DE PRODUCTION D'UN HYDROXYDE METALLIQUE  
[72] MANDERSCHEID, KARL, DE  
[72] SCHNEIDER, MANFRED, DE  
[72] LINDEMANN, JOHANNES, DE  
[71] IMB + FRINGS WATERSYSTEMS GMBH, DE  
[85] 2004-09-15  
[86] 2003-03-19 (PCT/EP2003/002859)  
[87] 2003-10-02 (WO2003/080512)  
[30] DE (102 13 310.7) 2002-03-25

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**[21] 2,479,394**  
[13] A1

[51] Int.Cl. 7C07D 491/06 7C07D 223/00  
7C07D 307/00  
[25] EN  
[54] PROCESS FOR THE PRODUCTION OF NORGALANTHAMINE, AND ISOMERS, SALTS AND HYDRATES THEREOF  
[54] PROCEDES POUR LA PRODUCTION DE NORGALANTHAMINE, SES ISOMERES, SELS ET HYDRATES  
[72] HIRNSCHALL, MANFRED, AT  
[72] FROEHLICH, JOHANNES, AT  
[72] KAEZL, BEATE, AT  
[72] KAEZL, THOMAS, AT  
[72] TREU, MATTHIAS, AT  
[72] CZOLLMER, LASZLO, AT  
[72] JORDIS, ULRICH, AT  
[72] KUEHNHACKL, PETER, AT  
[71] SANOCHEMIA PHARMAZEUTIKA AKTIENGESELLSCHAFT, AT  
[85] 2004-09-15  
[86] 2003-01-09 (PCT/AT2003/000007)  
[87] 2003-10-02 (WO2003/080623)  
[30] AT (A 463/2002) 2002-03-25

## PCT Applications Entering the National Phase

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**[21] 2,479,397**  
[13] A1

[51] Int.Cl. 7G02F 1/017  
[25] EN  
[54] ELECTRO-ABSORPTION MODULATOR WITH BROAD OPTICAL BANDWIDTH  
MODULATEUR A ELECTRO-ABSORPTION A GRANDE LARGEUR DE BANDE OPTIQUE  
[72] MARSH, JOHN HAIG, GB  
[71] INTENSE PHOTONICS LIMITED, GB  
[85] 2004-09-15  
[86] 2003-03-14 (PCT/GB2003/001083)  
[87] 2003-09-25 (WO2003/079100)  
[30] GB (0206226.3) 2002-03-16

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**[21] 2,479,418**  
[13] A1

[51] Int.Cl. 7C12Q 1/68  
[25] EN  
[54] METHODS AND NUCLEIC ACIDS FOR THE ANALYSIS OF METHYLATION WITHIN THE GENE MELASTATIN  
[54] PROCEDES ET ACIDES NUCLEIQUES POUR L'ANALYSE DE LA METHYLATION DU GENE MELASTATIN  
[72] OLEK, ALEXANDER, DE  
[71] EPIGENOMICS AG, DE  
[85] 2004-09-15  
[86] 2003-03-17 (PCT/EP2003/002759)  
[87] 2003-09-25 (WO2003/078657)  
[30] EP (02005996.0) 2002-03-15

---

**[21] 2,479,422**  
[13] A1

[51] Int.Cl. 7A01K 73/04 7A01K 73/02 7D02G 3/22  
[25] EN  
[54] SELF-SPREADING TRAWLS HAVING A HIGH ASPECT RATIO MOUTH OPENING  
[54] CHALUTS A AUTO-ETALEMENT COMPRENANT UNE OUVERTURE D'ENTREE A RAPPORT DE FORME ELEVE  
[72] SAFWAT, SHERIF ADHAM, US  
[72] PEREVOSHCHIKOV, VALENTIN GAVRILOVICH, RU  
[71] CANDIS EHF., IS  
[85] 2004-09-15  
[86] 2003-03-22 (PCT/US2003/010114)  
[87] 2003-10-09 (WO2003/081989)  
[30] US (60/367,134) 2002-03-22  
[30] US (60/366,834) 2002-03-23

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**[21] 2,479,426**  
[13] A1

[51] Int.Cl. 7A47C 31/02 7B32B 5/18  
[25] EN  
[54] QUILT-STITCHED INTERNAL MATTRESS PILLOWS  
[54] CARREAUX INTERNES MATELASSES DE MATELAS  
[72] FREEMAN, WILLIAM, US  
[71] SEALY TECHNOLOGY LLC, US  
[85] 2004-09-15  
[86] 2003-01-08 (PCT/US2003/000465)  
[87] 2003-10-09 (WO2003/082054)  
[30] US (10/106,001) 2002-03-25

---

**[21] 2,479,427**  
[13] A1

[51] Int.Cl. 7C25C 3/00 7C25C 7/00 7C25C 3/02 7C25C 7/04  
[25] EN  
[54] HYDROGEN-ASSISTED ELECTROLYSIS PROCESSES  
[54] PROCEDES D'ELECTROLYSE A L'HYDROGENE  
[72] SHARP-GELDMAN, STEFANIE, US  
[72] KELLY, MICHAEL, US  
[72] PEZ, GUIDO, US  
[72] WU, YING, US  
[72] XU, JIANGUO, US  
[71] MILLENNIUM CELL, INC., US  
[71] AIR PRODUCTS AND CHEMICALS, INC., US  
[85] 2004-09-15  
[86] 2003-03-14 (PCT/US2003/007925)  
[87] 2003-09-25 (WO2003/078696)  
[30] US (60/364,643) 2002-03-15  
[30] US (60/380,384) 2002-05-14  
[30] US (60/405,558) 2002-08-23  
[30] US (10/388,197) 2003-03-13

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**[21] 2,479,430**  
[13] A1

[51] Int.Cl. 7E21B 10/24  
[25] EN  
[54] GREASE FILLING ARRANGEMENT IN A CUTTER FOR A BORING HEAD  
[54] SYSTEME D'APPROVISIONNEMENT EN GRAISSE DANS UNE FRAISE POUR UNE TETE DE FORAGE  
[72] THURESSON, JONAS, SE  
[72] HOLMGREN, LARS, SE  
[71] ATLAS COPCO SECOROC AB, SE  
[85] 2004-09-15  
[86] 2003-03-14 (PCT/SE2003/000433)  
[87] 2003-09-25 (WO2003/078787)  
[30] SE (0200875-3) 2002-03-20

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**[21] 2,479,431**  
[13] A1

[51] Int.Cl. 7E21B 17/00 7E21B 21/00 7E21B 1/38  
[25] EN  
[54] A METHOD FOR APPLYING AN ANTI-CORROSION COATING TO ESPECIALLY CORROSION EXPOSED PARTS IN ROCK DRILL EQUIPMENT  
[54] PROCEDE PERMETTANT D'APPLIQUER UN REVETEMENT ANTICORROSION SUR DES PARTIES PARTICULIEREMENT EXPOSEES A LA CORROSION DANS UN EQUIPEMENT DE PERFORATRICE DE ROCHE  
[72] STENBERG, GOERAN, SE  
[71] ATLAS COPCO SECOROC AB, SE  
[85] 2004-09-15  
[86] 2003-03-14 (PCT/SE2003/000432)  
[87] 2003-09-25 (WO2003/078788)  
[30] SE (0200874-6) 2002-03-20

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**[21] 2,479,435**  
[13] A1

[51] Int.Cl. 7F04B 23/08  
[25] EN  
[54] PUMP SYSTEM WITH VACUUM SOURCE  
[54] SYSTEME DE POMPAGE A SOURCE DE DEPRESSION  
[72] MUHS, DAVID, US  
[71] WATER MANAGEMENT SYSTEMS, US  
[85] 2004-09-15  
[86] 2003-03-12 (PCT/US2003/007685)  
[87] 2003-09-25 (WO2003/078844)  
[30] US (10/099,810) 2002-03-15

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**[21] 2,479,436**  
[13] A1

[51] Int.Cl. 7A61B 17/04  
[25] EN  
[54] SUTURE ANCHOR SYSTEM AND ASSOCIATED METHOD  
[54] SYSTEME D'ANCRE DE SUTURE ET PROCEDE ASSOCIE  
[72] BARTLETT, EDWIN C., US  
[71] BARTLETT, EDWIN C., US  
[85] 2004-09-15  
[86] 2003-02-13 (PCT/US2003/004367)  
[87] 2003-10-09 (WO2003/082124)  
[30] US (10/105,807) 2002-03-25

## Demandes PCT entrant en phase nationale

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[21] **2,479,440**  
[13] A1

[51] Int.Cl. 7G01B 7/16 7H02N 11/00  
7G01P 15/00 7F03G 7/06 7G01P 3/42  
[25] EN  
[54] METHOD AND APPARATUS FOR SENSING  
[54] PROCEDE ET APPAREIL DE DETECTION  
[72] ULLAKKO, KARI, FI  
[72] TELLINEN, JUHANI, FI  
[72] AALTO, ILKKA, FI  
[72] SUORSA, ILKKA, FI  
[71] ADAPTIVE MATERIALS TECHNOLOGY-ADAPTAMAT OY, FI  
[85] 2004-09-15  
[86] 2003-03-17 (PCT/FI2003/000201)  
[87] 2003-09-25 (WO2003/078922)  
[30] FI (20020496) 2002-03-15  
[30] FI (20030333) 2003-03-03

[21] **2,479,451**  
[13] A1

[51] Int.Cl. 7G01L 19/06 7F17D 5/06  
[25] EN  
[54] PROTECTIVE DEVICE FOR MEASURING INSTRUMENTS  
[54] DISPOSITIF DE PROTECTION DES INSTRUMENTS DE MESURE  
[72] SHULYATIKOV, IGOR VLADIMIROVICH, RU  
[72] SIDOROVA, SVETLANA ALEXANDROVNA, RU  
[72] MALOVICHKO, LEONTY PETROVICH, RU  
[72] PUSHNOV, VALERY MIKHAILOVICH, RU  
[72] SHULYATIKOV, VLADIMIR IGOREVICH, RU  
[71] LIMITED LIABILITY COMPANY "SCIENTIFIC-RESEARCH INSTITUTE OF NATURAL GASES AND GAS TECHNOLOGIES - VNIIGAZ", RU  
[85] 2004-09-15  
[86] 2003-03-14 (PCT/RU2003/000096)  
[87] 2003-09-25 (WO2003/078953)  
[30] RU (2002106720) 2002-03-15

[21] **2,479,453**  
[13] A1

[51] Int.Cl. 7A61K 31/4184  
[25] EN  
[54] USE OF BENZIMIDAZOLE ANALOGS IN THE TREATMENT OF CELL PROLIFERATION  
[54] UTILISATION D'ANALOGUES DE BENZIMIDAZOLE DANS LE TRAITEMENT DE LA PROLIFERATION CELLULAIRE  
[72] SIRCAR, JAGADISH C., US  
[72] RICHARDS, MARK L., US  
[71] AVANIR PHARMACEUTICALS, US  
[71] SIRCAR, JAGADISH C., US  
[71] RICHARDS, MARK L., US  
[85] 2004-09-15  
[86] 2003-03-06 (PCT/US2003/006981)  
[87] 2003-10-09 (WO2003/082186)  
[30] US (60/367,686) 2002-03-25

[21] **2,479,462**  
[13] A1

[51] Int.Cl. 7G01N 1/00 7G01N 35/02  
7B01L 9/06  
[25] EN  
[54] AUTOSAMPLER LOADING APPARATUS  
[54] CARROUSEL D'ECHANTILLONNEUR AUTOMATIQUE  
[72] COLLINS, BERT, US  
[72] FOGEL, MARILYN, US  
[72] WOOLLER, MATTHEW, US  
[71] CARNEGIE INSTITUTION OF WASHINGTON, US  
[85] 2004-09-15  
[86] 2003-03-13 (PCT/US2003/007482)  
[87] 2003-09-25 (WO2003/078970)  
[30] US (60/364,046) 2002-03-15

[21] **2,479,463**  
[13] A1

[51] Int.Cl. 7G01S 13/00 7G01S 7/41  
[25] EN  
[54] SYSTEM AND METHOD FOR TARGET SIGNATURE CALCULATION AND RECOGNITION  
[54] SYSTEME ET PROCEDE DE CALCUL ET DE RECONNAISSANCE DE SIGNATURE CIBLE  
[72] ADAMS, BONNIE L., US  
[72] LODWIG, RICHARD A. (DECEASED), US  
[71] LOCKHEED MARTIN CORPORATION, US  
[85] 2004-09-15  
[86] 2003-03-14 (PCT/US2003/007846)  
[87] 2003-09-25 (WO2003/079041)  
[30] US (60/364,030) 2002-03-15

[21] **2,479,466**  
[13] A1

[51] Int.Cl. 7C07C 2/12 7C10M 105/08  
[25] EN  
[54] OLIGOMERIZATION OF OLEFINS  
[54] OLIGOMERISATION D'OLEFINES  
[72] STANAT, JON E., US  
[72] SALEH, RAMZI Y., US  
[72] CAERS, RAPHAEL F., BE  
[72] GODWIN, ALLEN D., US  
[72] MATHYS, GEORGES M. K., BE  
[72] DUNCAN, CAROLYN B., US  
[72] BEADLE, STEPHEN W., US  
[72] TURNER, DAVID W., US  
[72] CHENG-GUAJARDO, CESAR M., US  
[72] EIJKHOUDT, ROGER, NL  
[72] CHENG, JANE CHI-YA, US  
[72] YARBROUGH, CHARLES M., US  
[72] GREEN, ERNEST E., US  
[71] EXXONMOBIL CHEMICAL PATENTS, INC., US  
[85] 2004-09-15  
[86] 2003-03-28 (PCT/US2003/009591)  
[87] 2003-10-09 (WO2003/082780)  
[30] US (60/369,233) 2002-03-29  
[30] US (60/369,235) 2002-03-29

[21] **2,479,467**  
[13] A1

[51] Int.Cl. 7G02B 27/44 7G02B 5/18  
[25] EN  
[54] FIBER OPTIC DEVICES HAVING VOLUME BRAGG GRATING ELEMENTS  
[54] APPAREILS A FIBRES OPTIQUES COMPORTENT DES ELEMENTS A RESEAU DE BRAGG DE VOLUME  
[72] BAN, VLADIMIR SINISA, US  
[72] VOLODIN, BORIS LEONIDOVICH, US  
[71] PD-LD, INC., US  
[85] 2004-09-15  
[86] 2003-03-17 (PCT/US2003/008162)  
[87] 2003-09-25 (WO2003/079058)  
[30] US (60/365,032) 2002-03-15

## PCT Applications Entering the National Phase

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**[21] 2,479,469**  
[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] ASSESSING DATA SETS  
[54] EVALUATION D'ENSEMBLES DE DONNEES  
[72] GIFFARD, PHILIP MORRISON, AU  
[72] ROBERTSON, GAIL ALEXANDRA PHILIPPA, AU  
[72] THIRUVENKATASWAMY, VENUGOPAL, AU  
[72] HENSSENS, FRANS ALEXANDER, AU  
[72] SHILLING, HAYDEN JAMES, AU  
[72] PRICE, ERIN PETA, AU  
[72] HUYGENS, FLAVIA, AU  
[71] DIATECH PTY LTD, AU  
[85] 2004-09-15  
[86] 2003-03-18 (PCT/AU2003/000320)  
[87] 2003-09-25 (WO2003/079241)  
[30] AU (PS 1155) 2002-03-18

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**[21] 2,479,479**  
[13] A1

[51] Int.Cl. 7G10L 15/00 7H04N 5/278  
7G06F 17/28  
[25] EN  
[54] AUDIO VIDEO CONVERSION APPARATUS AND METHOD, AND AUDIO VIDEO CONVERSION PROGRAM  
[54] APPAREIL, PROCEDE ET PROGRAMME DE CONVERSION AUDIO VIDEO  
[72] IFUKUBE, TOHRU, JP  
[71] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP  
[85] 2004-09-15  
[86] 2003-03-19 (PCT/JP2003/003305)  
[87] 2003-09-25 (WO2003/079328)  
[30] JP (2002-77773) 2002-03-20  
[30] JP (2003-68440) 2003-03-13

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**[21] 2,479,502**  
[13] A1

[51] Int.Cl. 7H04L 12/56 7H04Q 11/04  
[25] EN  
[54] METHOD AND ARRANGEMENT FOR DYNAMIC ALLOCATION OF NETWORK RESOURCES  
[54] PROCEDE ET AGENCEMENT PERMETTANT L'ATTRIBUTION DYNAMIQUE DE RESSOURCE DE RESEAU  
[72] MOORE, ANDREW, GB  
[71] MARCONI UK INTELLECTUAL PROPERTY LIMITED, GB  
[85] 2004-09-15  
[86] 2003-03-28 (PCT/GB2003/001372)  
[87] 2003-10-09 (WO2003/084152)  
[30] GB (0207507.5) 2002-03-28

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**[21] 2,479,504**  
[13] A1

[51] Int.Cl. 7H04L 29/06 7G06F 1/00  
7H04L 12/26  
[25] EN  
[54] METHOD AND SYSTEM FOR REDUCING THE FALSE ALARM RATE OF NETWORK INTRUSION DETECTION SYSTEMS  
[54] PROCEDE ET SYSTEME PERMETTANT DE REDUIRE LE TAUX DE FAUSSES ALARMES DES SYSTEMES DE DETECTION D'INTRUSION RESEAU  
[72] ROWLAND, CRAIG H., US  
[71] CISCO TECHNOLOGY, INC., US  
[85] 2004-09-15  
[86] 2003-03-28 (PCT/US2003/009665)  
[87] 2003-10-09 (WO2003/084181)  
[30] US (60/319,159) 2002-03-29

---

**[21] 2,479,505**  
[13] A1

[51] Int.Cl. 7G11B 7/00 7G11B 11/00  
[25] EN  
[54] OPTICAL DISC, METHOD AND APPARATUS FOR MANAGING A DEFECTIVE AREA ON AN OPTICAL DISC OF WRITE ONCE TYPE  
[54] DISQUE OPTIQUE, ET PROCEDE ET APPAREIL POUR LA GESTION DES ZONES DEFECTUEUSES SUR UN DISQUE OPTIQUE DU TYPE INSCRIPTIBLE UNE SEULE FOIS  
[72] KIM, SUNG DAE, KR  
[72] PARK, YONG CHEOL, KR  
[71] LG ELECTRONICS INC., KR  
[85] 2004-09-15  
[86] 2003-09-26 (PCT/KR2003/001976)  
[87] 2004-04-08 (WO2004/029668)  
[30] KR (10-2002-0058515) 2002-09-26  
[30] KR (10-2003-0002330) 2003-01-14

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**[21] 2,479,508**  
[13] A1

[51] Int.Cl. 7C09D 7/14 7B05D 3/00 7B05D 7/14  
[25] EN  
[54] PAINT DECISION METHOD, PAINT MANUFACTURING METHOD, COATING METHOD, PAINT DECISION SERVER, AND PAINT DECISION PROGRAM  
[54] PROCEDE DE DECISION DE PEINTURE, PROCEDE DE FABRICATION, PROCEDE D'APPLICATION, SERVEUR DE DECISION DE PEINTURE ET PROGRAMME DE DECISION DE PEINTURE  
[72] NONOGAKI, YOSHIHIRO, JP  
[72] ANDO, KENJI, JP  
[71] NIPPON PAINT CO., LTD., JP  
[85] 2004-09-15  
[86] 2003-12-08 (PCT/JP2003/015678)  
[87] 2004-06-24 (WO2004/053001)  
[30] JP (2002-358077) 2002-12-10

## Demandes PCT entrant en phase nationale

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[21] 2,479,512  
[13] A1

[51] Int.Cl. 7A01N 63/00 7A61K 48/00  
7C12N 5/00 7C12N 5/02 7C12N 15/63  
7C12N 15/85 7C12N 15/87  
[25] EN  
[54] TISSUE ENGINEERING  
[54] GENIE TISSULAIRE  
[72] MCKEE, J. ANDREW, US  
[72] NIKLASON, LAURA E., US  
[72] COUNTER, CHRISTOPHER M., US  
[71] DUKE UNIVERSITY, US  
[85] 2004-09-15  
[86] 2003-03-17 (PCT/US2003/008054)  
[87] 2003-09-25 (WO2003/078597)  
[30] US (60/364,087) 2002-03-15

[21] 2,479,514  
[13] A1

[51] Int.Cl. 7C07C 229/00 7C07F 13/00  
[25] EN  
[54] TUMOR IMAGING COMPOUNDS  
[54] COMPOSES POUR L'IMAGERIE  
DE TUMEURS  
[72] MCCONATHY, JONATHAN, US  
[72] GOODMAN, MARK M., US  
[71] EMORY UNIVERSITY, US  
[85] 2004-09-15  
[86] 2003-04-24 (PCT/US2003/012748)  
[87] 2003-11-13 (WO2003/093412)  
[30] US (60/377,124) 2002-04-30

[21] 2,479,515  
[13] A1

[51] Int.Cl. 7G03F 7/033 7G03F 7/021  
7B41C 1/10 7B41M 5/36  
[25] EN  
[54] ON-PRESS DEVELOPABLE IR  
SENSITIVE PRINTING PLATES USING  
BINDER RESINS HAVING  
POLYETHYLENE OXIDE SEGMENTS  
[54] PLAQUES D'IMPRESSION  
SENSIBLES AUX INFRAROUGES QUE  
L'ON PEUT METTRE AU POINT SUR  
PRESSE UTILISANT DES RESINES DE  
LIAISON AYANT DES SEGMENTS  
D'OXYDE POLYETHYLENE  
[72] SARAIYA, SHASHIKANT, US  
[72] HUANG, JIANBING, US  
[72] PAPPAS, SOCRATES PETER, US  
[72] MUNNELLY, HEIDI M., US  
[71] KODAK POLYCHROME GRAPHICS  
LLC, US  
[85] 2004-09-15  
[86] 2003-04-10 (PCT/US2003/011358)  
[87] 2003-10-23 (WO2003/087939)  
[30] US (10/119,454) 2002-04-10

[21] 2,479,518  
[13] A1

[51] Int.Cl. 7H04M 1/00 7G09G 5/00  
7H04R 9/08 7H04N 7/18  
[25] EN  
[54] SPORTS BINOCULAR VISOR  
ASSEMBLY AND METHOD  
[54] ENSEMBLE VISIERE  
BINOCULAIRE POUR  
MANIFESTATIONS SPORTIVES ET  
METHODE D'UTILISATION  
[72] TRISTRAM W. HIMMELE, US  
[71] TRISTRAM W. HIMMELE, US  
[85] 2004-09-16  
[86] 2002-04-06 (PCT/US2002/022239)  
[87] 2003-10-23 (WO2003/086120)

[21] 2,479,520  
[13] A1

[51] Int.Cl. 7A61K 9/00 7A61P 11/00  
7A61P 11/12 7A61K 31/17 7A61K 31/4164  
7A61K 31/497 7A61K 31/517  
[25] EN  
[54] P38 KINASE INHIBITORS FOR  
TREATING MUCUS  
HYPERSECRETION  
[54] PROCEDE DE TRAITEMENT DE  
L'HYPERSECRETION DE MUCUS  
[72] JUNG, BIRGIT, DE  
[71] BOEHRINGER INGELHEIM  
PHARMA GMBH & CO. KG, DE  
[85] 2004-09-16  
[86] 2003-04-02 (PCT/EP2003/003434)  
[87] 2003-10-16 (WO2003/084503)  
[30] EP (02007699.8) 2002-04-05

[21] 2,479,522  
[13] A1

[51] Int.Cl. 7A61K 31/4439 7A61P 11/06  
7A61K 31/416 7A61K 31/46 7A61K 31/517  
7A61K 31/5377  
[25] EN  
[54] NEW PHARMACEUTICAL  
COMPOSITIONS BASED ON  
ANTICHOLINERGICS AND P38  
KINASE INHIBITORS  
[54] NOUVELLES COMPOSITIONS  
PHARMACEUTIQUES A BASE  
D'ANTICHOLINERGIQUES ET  
D'INHIBITEURS DE LA KINASE P38  
[72] JUNG, BIRGIT, DE  
[72] PAIRET, MICHEL, DE  
[72] REISER, HANS CLEMENS, US  
[72] PIEPER, MICHAEL P., DE  
[71] BOEHRINGER INGELHEIM  
PHARMA GMBH & CO. KG, DE  
[71] BOEHRINGER INGELHEIM  
PHARMACEUTICALS, INC., US  
[85] 2004-09-16  
[86] 2003-04-08 (PCT/EP2003/003624)  
[87] 2003-10-16 (WO2003/084539)  
[30] US (60/371,514) 2002-04-10

[21] 2,479,525  
[13] A1

[51] Int.Cl. 7A61N 5/067  
[25] EN  
[54] APPARATUS AND METHODS  
USING VISIBLE LIGHT FOR  
DEBILITATING AND/OR KILLING  
MICROORGANISMS WITHIN THE  
BODY  
[54] DISPOSITIFS ET PROCEDES  
UTILISANT LA LUMIERE VISIBLE  
POUR AFFAIBLIR ET/OU TUER DES  
MICRO-ORGANISMES DANS LE  
CORPS  
[72] ARCANGELI, ROBERT, US  
[72] TOLKOFF, MARC JOSHUA, US  
[72] LEVIN, PHILIP, US  
[71] SEEDLING ENTERPRISES, LLC, US  
[85] 2004-09-16  
[86] 2003-04-02 (PCT/US2003/010185)  
[87] 2003-10-16 (WO2003/084601)  
[30] US (60/369,643) 2002-04-02

## PCT Applications Entering the National Phase

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**[21] 2,479,526**

[13] A1

[51] Int.Cl. 7G06F 12/02 7G06F 12/14  
 [25] EN  
**[54] SYSTEM AND METHOD OF SECURE GARBAGE COLLECTION ON A MOBILE DEVICE**  
**[54] SYSTEME ET PROCEDE DE RECUPERATION DE L'ESPACE MEMOIRE PROTEGE DANS UN DISPOSITIF MOBILE**  
 [72] ADAMS, NEIL P., CA  
 [72] DAHMS, JOHN F. A., CA  
 [72] JANHUNEN, STEFAN E., CA  
 [72] LITTLE, HERBERT A., CA  
 [71] RESEARCH IN MOTION LIMITED, CA  
 [85] 2004-09-16  
 [86] 2003-03-20 (PCT/CA2003/000402)  
 [87] 2003-09-25 (WO2003/079196)  
 [30] US (60/365,515) 2002-03-20

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**[21] 2,479,527**

[13] A1

[51] Int.Cl. 7H04L 29/06 7H04L 12/58  
 [25] EN  
**[54] SYSTEM AND METHOD FOR SUPPORTING MULTIPLE CERTIFICATE STATUS PROVIDERS ON A MOBILE COMMUNICATION DEVICE**  
**[54] SYSTEME ET PROCEDE POUR LA PRISE EN CHARGE DE MULTIPLES FOURNISSEURS D'ETAT DE CERTIFICAT SUR UNE DISPOSITIF DE COMMUNICATION MOBILE**  
 [72] HOBBS, DALE JAMES, CA  
 [72] LITTLE, HERBERT A., CA  
 [72] JANHUNEN, STEFAN E., CA  
 [71] RESEARCH IN MOTION LIMITED, CA  
 [85] 2004-09-16  
 [86] 2003-03-20 (PCT/CA2003/000404)  
 [87] 2003-09-25 (WO2003/079627)  
 [30] US (60/365,534) 2002-03-20

**[21] 2,479,529**

[13] A1

[51] Int.Cl. 7B01F 9/02 7B01F 11/00  
 [25] EN  
**[54] APPARATUS AND METHOD FOR PROCESSING CHOPPED FIBERGLAS BUNDLES**  
**[54] APPAREIL ET PROCEDE DE TRAITEMENT DE FAISCEAUX DE FIBRES DE VERRE DECOUPES**  
 [72] LEASE, DANIEL T., US  
 [71] GENERAL KINEMATICS CORPORATION, US  
 [85] 2004-09-16  
 [86] 2003-04-30 (PCT/US2003/013651)  
 [87] 2003-11-13 (WO2003/092876)  
 [30] US (10/135,480) 2002-04-30

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**[21] 2,479,530**

[13] A1

[51] Int.Cl. 7C12Q 1/68 7C07H 21/00  
 [25] EN  
**[54] HIV THERAPEUTIC**  
**[54] THERAPEUTIQUE DU VIH**  
 [72] MURRAY, MICHAEL F., US  
 [72] NOVINA, CARL D., US  
 [72] SHARP, PHILLIP A., US  
 [72] LIEBERMAN, JUDY, US  
 [72] BERESFORD, PAUL J., US  
 [71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
 [71] BRIGHAM AND WOMEN'S HOSPITAL, INC., US  
 [71] THE CENTER FOR BLOOD RESEARCH, INC., US  
 [85] 2004-09-16  
 [86] 2003-03-20 (PCT/US2003/008653)  
 [87] 2003-10-02 (WO2003/079757)  
 [30] US (60/365,925) 2002-03-20  
 [30] US (60/396,041) 2002-07-15

**[21] 2,479,531**

[13] A1

[51] Int.Cl. 7C10L 1/18 7C10L 1/02 7C07C 67/04 7C07C 69/06 7C07C 69/716  
 [25] EN  
**[54] PREPARATION OF LEVULINIC ACID ESTERS AND FORMIC ACID ESTERS FROM BIOMASS AND OLEFINS**  
**[54] PREPARATION D'ESTERS D'ACIDE LEVULINIQUE ET D'ESTERS D'ACIDE FORMIQUE A PARTIR DE LA BIOMASSE ET D'OLEFINES**  
 [72] MANZER, LEO E., US  
 [72] MEHTA, RAKESH, US  
 [72] THOMAS, STUART M., US  
 [72] KOROVESSI, EKATERINI, US  
 [72] FAGAN, PAUL JOSEPH, US  
 [71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
 [85] 2004-09-16  
 [86] 2003-04-01 (PCT/US2003/009853)  
 [87] 2003-10-16 (WO2003/085071)  
 [30] US (60/369,380) 2002-04-01

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**[21] 2,479,533**

[13] A1

[51] Int.Cl. 7D21H 17/71 7D21H 21/10  
**7D21H 17/28 7D21H 17/33 7D21H 17/69**  
 [25] EN  
**[54] SWOLLEN STARCH-LATEX COMPOSITIONS FOR USE IN PAPERMAKING**  
**[54] COMPOSITIONS A BASE D'AMIDON GONFLE ET DE LATEX POUR LA PAPETERIE**  
 [72] LALEG, MAKHLOUF, CA  
 [71] PULP AND PAPER RESEARCH INSTITUTE OF CANADA, CA  
 [85] 2004-09-16  
 [86] 2003-04-07 (PCT/CA2003/000517)  
 [87] 2003-10-23 (WO2003/087472)  
 [30] US (60/370,696) 2002-04-09

## Demandes PCT entrant en phase nationale

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**[21] 2,479,542**  
[13] A1

[51] Int.Cl. 7G06F 17/60 7G06F 17/30  
[25] EN  
[54] SYSTEM AND METHOD FOR MONITORING AND MANAGING PHYSICAL ASSETS USING A DATABASE  
[54] SYSTEME DE SURVEILLANCE ET DE GESTION D'ACTIFS PHYSIQUES AU MOYEN D'UNE BASE DE DONNEES  
[72] GLENDON, JANE, CA  
[72] CHESTNUT, WILLIAM, CA  
[71] HOTBUTTON SOLUTIONS INC., CA  
[85] 2004-09-16  
[86] 2003-04-09 (PCT/CA2003/000531)  
[87] 2003-10-23 (WO2003/088104)  
[30] US (10/118,927) 2002-04-10

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**[21] 2,479,543**  
[13] A1

[51] Int.Cl. 7E21B 15/02 7E02D 25/00  
7E02D 29/00 7E02B 17/08 7E21B 7/12  
[25] EN  
[54] METHOD AND SYSTEM FOR BUILDING MODULAR STRUCTURES FROM WHICH OIL AND GAS WELLS ARE DRILLED  
[54] PROCEDE ET SYSTEME DE CONSTRUCTION DE STRUCTURES MODULAIRES A PARTIR DESQUELLES DES PUITS DE PETROLE ET DE GAZ SONT FORES  
[72] KADASTER, ALI G., US  
[72] MILLHEIM, KEITH K., US  
[71] ANADARKO PETROLEUM CORPORATION, US  
[85] 2004-09-15  
[86] 2003-05-08 (PCT/US2003/014457)  
[87] 2003-11-20 (WO2003/095787)  
[30] US (10/142,741) 2002-05-08

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**[21] 2,479,544**  
[13] A1

[51] Int.Cl. 7B01F 13/10 7B01F 15/04  
[25] EN  
[54] DISPENSING APPARATUS  
[54] APPAREIL DE DISTRIBUTION  
[72] GENATEMPO, VINCENT FRED JR., US  
[72] LARSON, JOHN CHARLES, US  
[72] GIBSON, TRAVIS LYNN, US  
[72] WEYEK, ANTHONY CHRISTOPHER, US  
[72] BURMESTER, ALAN ARTHUR, US  
[71] E.I. DU PONT DE NEMOURS, US  
[71] RICE LAKE WEIGHING SYSTEMS, INC., US  
[85] 2004-09-16  
[86] 2003-04-02 (PCT/US2003/009828)  
[87] 2003-10-16 (WO2003/084653)  
[30] US (60/369,469) 2002-04-03

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**[21] 2,479,602**  
[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] METHOD AND SYSTEM FOR CONDUCTING A TRANSACTION USING A PROXIMITY DEVICE  
[54] PROCEDE ET SYSTEME POUR MENER UNE TRANSACTION A L'AIDE D'UN DISPOSITIF DE PROXIMITE  
[72] WANKMUELLER, JOHN, US  
[72] GARON, GILLES, CA  
[71] MASTERCARD INTERNATIONAL INCORPORATED, US  
[85] 2004-09-16  
[86] 2003-03-19 (PCT/US2003/008377)  
[87] 2003-10-02 (WO2003/081832)  
[30] US (60/365,737) 2002-03-19

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**[21] 2,479,607**  
[13] A1

[51] Int.Cl. 7H04N 7/14 7G06F 3/033  
7G02B 5/32  
[25] EN  
[54] INTERACTIVE VIDEO SYSTEM  
[54] SYSTEME VIDEO INTERACTIF  
[72] PAYNE, ROGER ALYN, GB  
[72] HARDWICK, ANDREW JOHN, GB  
[72] ORMSTON, CHRISTOPHER STEPHEN, GB  
[72] BROWN, PETER JOHN, GB  
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 2004-09-16  
[86] 2003-01-28 (PCT/BE2003/000010)  
[87] 2003-09-25 (WO2003/078782)  
[30] BE (2002/0198) 2002-03-20

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**[21] 2,479,545**  
[13] A1

[51] Int.Cl. 7E06B 9/58 7F16N 7/12  
[25] FR  
[54] DISPOSITIF A VOLET PERFECTIONNE  
[54] DEVICE WITH IMPROVED SHUTTER  
[72] COENRAETS, BENOIT, BE  
[71] DYNACO INTERNATIONAL, S.A., BE  
[85] 2004-09-16  
[86] 2003-01-28 (PCT/BE2003/000010)  
[87] 2003-09-25 (WO2003/078782)  
[30] BE (2002/0198) 2002-03-20

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**[21] 2,479,597**  
[13] A1

[51] Int.Cl. 7D21H 21/54 7D21H 17/67  
[25] EN  
[54] FIBROUS WEB AND PROCESS FOR THE PRODUCTION THEREOF  
[54] VOILE FIBREUX ET PROCEDE DE FABRICATION ASSOCIE  
[72] HELANTI, VESA, FI  
[72] GROENROOS, LARS, FI  
[71] TIMSON OY, FI  
[85] 2004-09-16  
[86] 2003-03-25 (PCT/FI2003/000229)  
[87] 2003-10-02 (WO2003/080932)  
[30] FI (20020566) 2002-03-25

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**[21] 2,479,614**  
[13] A1

[51] Int.Cl. 7C05C 9/02 7B32B 5/16  
[25] EN  
[54] SLOW RELEASE NITROGEN FERTILIZER  
[54] ENGRAIS AZOTE A LIBERATION LENTE  
[72] WERTZ, STACEY, US  
[72] WRIGHT, JAMES, US  
[72] GABRIELSON, KURT, US  
[72] BAXTER, PAUL, US  
[72] DAVIS, C. R., US  
[72] KNIGHT, JAMES, US  
[71] GEORGIA-PACIFIC RESINS, INC., US  
[85] 2004-09-16  
[86] 2003-03-26 (PCT/US2003/008454)  
[87] 2003-10-08 (WO2003/082005)  
[30] US (60/367,278) 2002-03-26  
[30] US (60/379,402) 2002-05-13

## PCT Applications Entering the National Phase

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**[21] 2,479,615**  
[13] A1

[51] Int.Cl. 7G06F 17/30 7G06F 3/14  
[25] EN  
[54] A MULTI-USER DISPLAY SYSTEM  
[54] SYSTEME D'AFFICHAGE  
MULTIUTILISATEUR  
[72] DUHIG, JONATHAN ANTHONY, GB  
[72] BUCKLEY, PAUL KENNETH, GB  
[71] BRITISH TELECOMMUNICATIONS  
PUBLIC LIMITED COMPANY, GB  
[85] 2004-09-16  
[86] 2003-03-19 (PCT/GB2003/001169)  
[87] 2003-10-09 (WO2003/083717)  
[30] EP (02252232.0) 2002-03-27

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**[21] 2,479,618**  
[13] A1

[51] Int.Cl. 7A61K 31/16 7C07D 205/00  
7C07D 315/00 7C07D 307/02 7C07D 207/  
08 7C07D 211/30 7C07D 211/32 7A61K 31/  
335 7A61K 31/34 7A61K 31/44 7A61K 31/  
445 7C07C 233/57 7C07D 211/68 7C07D  
211/80  
[25] EN  
[54] SPIROCYCLIC AMIDES AS  
CANNABINOID RECEPTOR  
MODULATORS  
[54] AMIDES SPIROCYCLIQUES EN  
TANT QUE MODULATEURS DU  
RECEPTEUR CANNABINOIDE  
[72] GOULET, MARK T., US  
[72] JEWELL, JAMES P., US  
[72] LIN, LINUS S., US  
[72] SHAH, SHRENICK K., US  
[72] HAGMANN, WILLIAM K., US  
[71] MERCK & CO., INC., US  
[85] 2004-09-16  
[86] 2003-03-21 (PCT/US2003/008722)  
[87] 2003-10-09 (WO2003/082190)  
[30] US (60/367,655) 2002-03-26

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**[21] 2,479,620**  
[13] A1

[51] Int.Cl. 7C07D 471/04 7C07D 497/04  
7A61P 9/10 7A61K 31/55  
[25] EN  
[54] ETHANE-1,2-DIAMINO-BIS-2R)-2-  
BROMO-3-PHENYLPROPANOATE],  
METHOD FOR PRODUCTION AND USE  
THEREOF  
[54] ETHAN-1,2-DIAMINUM-BIS-2R)-  
2-BROM-3-PHENYLPROPIONATE],  
SON PROCEDE DE PRODUCTION ET  
SON UTILISATION  
[72] MANERO, JAVIER, DE  
[72] METZENTHIN, TOBIAS, DE  
[72] GAULER, RAINER, DE  
[71] AVENTIS PHARMA DEUTSCHLAND  
GMBH, DE  
[85] 2004-09-16  
[86] 2003-03-07 (PCT/EP2003/002353)  
[87] 2003-09-25 (WO2003/078434)  
[30] DE (102 12 198.2) 2002-03-19

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**[21] 2,479,625**  
[13] A1

[51] Int.Cl. 7C07C 2/58  
[25] EN  
[54] ALKYLATION OF SATURATED  
HYDROCARBONS USING  
INTERSTAGE DISTILLATION  
[54] ALKYLATION  
D'HYDROCARBURES SATURES PAR  
DISTILLATION INTERETAGE  
[72] MUKHERJEE, MITRAJIT, US  
[72] NAT, PIETER JAN, NL  
[72] D'AMICO, VINCENT JAMES, US  
[72] VAN BROEKHOVEN, EMANUEL  
HERMANUS, NL  
[72] SONNEMANS, JOHANNES  
WILHELMUS MARIA, NL  
[71] AKZO NOBEL N.V., NL  
[71] ABB LUMMUS GLOBAL INC., US  
[85] 2004-09-16  
[86] 2003-03-06 (PCT/EP2003/002367)  
[87] 2003-09-25 (WO2003/078360)  
[30] US (60/365,346) 2002-03-18  
[30] EP (02077595.3) 2002-06-26

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**[21] 2,479,628**  
[13] A1

[51] Int.Cl. 7H04L 9/00 7G06F 1/00 7G06F  
11/30  
[25] EN  
[54] METHOD AND APPARATUS FOR  
NETWORK SECURITY  
[54] PROCEDE ET APPAREIL POUR  
GARANTIR LA SECURITE D'UN  
RESEAU  
[72] SAFFRE, FABRICE TRISTAN  
PIERRE, GB  
[71] BRITISH TELECOMMUNICATIONS  
PUBLIC LIMITED COMPANY, GB  
[85] 2004-09-16  
[86] 2003-03-25 (PCT/GB2003/001276)  
[87] 2003-10-09 (WO2003/083626)  
[30] GB (0207402.9) 2002-03-28  
[30] EP (02253696.5) 2002-05-27

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**[21] 2,479,638**  
[13] A1

[51] Int.Cl. 7A61K 9/12 7A61P 11/06  
7A61K 31/46  
[25] EN  
[54] HFA-SUSPENSION  
FORMULATION OF AN ANHYDRATE  
[54] FORMULATIONS DE  
SUSPENSIONS D'UN ANHYDRATE  
CONTENANT UN GAZ PROPULSEUR  
HFA  
[72] SCHMELZER, CHRISTEL, DE  
[71] BOEHRINGER INGELHEIM  
PHARMA GMBH & CO. KG, DE  
[85] 2004-09-16  
[86] 2003-03-20 (PCT/EP2003/002899)  
[87] 2003-10-09 (WO2003/082244)  
[30] DE (102 14 264.5) 2002-03-28

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**[21] 2,479,640**  
[13] A1

[51] Int.Cl. 7A61K 9/72 7A61K 31/46  
[25] EN  
[54] HFA SUSPENSION  
FORMULATIONS CONTAINING AN  
ANTICHOLINERGIC  
[54] FORMULATIONS DE HFA EN  
SUSPENSIONS CONTENANT UN  
ANTICHOLINERGIQUE  
[72] SCHMELZER, CHRISTEL, DE  
[71] BOEHRINGER INGELHEIM  
PHARMA GMBH & CO. KG, DE  
[85] 2004-09-16  
[86] 2003-03-20 (PCT/EP2003/002898)  
[87] 2003-10-09 (WO2003/082252)  
[30] DE (102 14 263.7) 2002-03-28

## Demandes PCT entrant en phase nationale

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[21] 2,479,641  
[13] A1

[51] Int.Cl. 7C07C 7/13 7C10M 135/10  
7C07C 15/107 7C07C 309/31  
[25] EN  
[54] PROCESS FOR PRODUCING  
SELECTED PHENYL-ALKANES WITH  
ADSORPTIVE SEPARATION STEP  
[54] PROCEDE DE PRODUCTION DE  
PHENYL-ALCANES SELECTIONNES  
AU MOYEN D'UNE OPERATION DE  
SEPARATION PAR ADSORPTION  
[72] FRITSCH, THOMAS R., US  
[72] KULPRATHIPANJA, SANTI, US  
[72] MARINANGELI, RICHARD E., US  
[72] SOHN, STEPHEN W., US  
[72] LAWSON, R. JOE, US  
[71] UOP LLC, US  
[85] 2004-09-16  
[86] 2002-03-25 (PCT/US2002/009310)  
[87] 2003-10-09 (WO2003/082783)

[21] 2,479,642  
[13] A1

[51] Int.Cl. 7C07D 239/94 7A61P 35/00  
7C07D 491/04 7C07D 401/12 7C07D 401/  
14 7C07D 403/14 7A61K 31/517  
[25] EN  
[54] 4-ANILINO QUINAZOLINE  
DERIVATIVES AS  
ANTIPROLIFERATIVE AGENTS  
[54] DERIVES DE 4-ANILINO  
QUINAZOLINE UTILISES EN TANT  
QU'AGENTS ANTIPROLIFERATIFS  
[72] BRADBURY, ROBERT HUGH, GB  
[72] KETTLE, JASON GRANT, GB  
[72] HENNEQUIN, LAURENT FRANCOIS  
ANDRE, GB  
[71] ASTRAZENECA AB, SE  
[85] 2004-09-16  
[86] 2003-03-26 (PCT/GB2003/001306)  
[87] 2003-10-09 (WO2003/082831)  
[30] GB (0207323.7) 2002-03-28  
[30] GB (0230086.1) 2002-12-24  
[30] GB (0301916.3) 2003-01-28

[21] 2,479,643  
[13] A1

[51] Int.Cl. 7C07C 67/22 7C07C 69/65  
[25] EN  
[54] PROCESS FOR PREPARING  
ALKYL 2, 2-DICHLORO- OR  
DIBROMOPHENYLACETATES  
[54] PROCEDE POUR REALISER DES  
ALKYLE 2, 2-DICHLORO- OU  
DIBROMO-PHENYLEACETATES  
[72] HOLUB, BERNHARD, AT  
[72] KRICH, SYLVIA, AT  
[71] DSM FINE CHEMICALS AUSTRIA  
NFG GMBH & CO KG., AT  
[85] 2004-09-15  
[86] 2003-03-10 (PCT/EP2003/002407)  
[87] 2003-10-16 (WO2003/084918)  
[30] AT (A523/2002) 2002-04-04

[21] 2,479,662  
[13] A1

[51] Int.Cl. 7H04N 9/07  
[25] EN  
[54] IMAGE SIGNAL PROCESSING  
APPARATUS, IMAGE SIGNAL  
PROCESSING CIRCUIT, IMAGE  
SIGNAL PROCESSING METHOD,  
PROGRAM AND RECORDING  
MEDIUM  
[54] DISPOSITIF DE TRAITEMENT DE  
SIGNAUX D'IMAGES, CIRCUIT DE  
TRAITEMENT DE SIGNAUX  
D'IMAGES, PROCEDE DE  
TRAITEMENT DE SIGNAUX  
D'IMAGES, PROGRAMME ET  
SUPPORT D'ENREGISTREMENT  
[72] TANIZOE, YUKIHIRO, JP  
[72] YAMAMOTO, YASUTOSHI, JP  
[71] MATSUSHITA ELECTRIC  
INDUSTRIAL CO., LTD., JP  
[85] 2004-09-16  
[86] 2003-05-02 (PCT/JP2003/005596)  
[87] 2003-11-20 (WO2003/096702)  
[30] JP (2002-132683) 2002-05-08  
[30] JP (2002-294490) 2002-10-08

[21] 2,479,668  
[13] A1

[51] Int.Cl. 7A61K 31/55 7C07D 281/16  
7A61P 25/18  
[25] EN  
[54] CRYSTALLINE FORMS OF  
QUETIAPINE HEMIFUMARATE  
[54] FORMES CRISTALLINES  
D'HEMIFUMARATE DE QUETIAPINE  
[72] WIZEL, SHLOMIT, IL  
[72] LIFSHITZ-LIRON, REVITAL, IL  
[72] KOVALEVSKI-ISHAJ, ETI, IL  
[72] DOLITZKY, BEN-ZION, IL  
[72] LIDOR-HADAS, RAMI, IL  
[71] TEVA PHARMACEUTICAL  
INDUSTRIES LTD., IL  
[85] 2004-09-17  
[86] 2003-03-20 (PCT/US2003/008898)  
[87] 2003-10-02 (WO2003/080065)  
[30] US (60/365,913) 2002-03-20  
[30] US (60/443,585) 2003-01-29

[21] 2,479,669  
[13] A1

[51] Int.Cl. 7G01S 3/02  
[25] EN  
[54] AUTOMATIC SEQUENTIAL  
TUNING OF NARROWBAND  
RECEIVERS OF A WIRELESS  
LOCATION SYSTEM FOR VOICE/  
TRAFFIC CHANNEL TRACKING  
[54] SYNTONISATION  
SEQUENTIELLE AUTOMATIQUE DE  
RECEPTEURS A BANDE ETROITE  
D'UN SYSTEME DE  
POSITIONNEMENT HERTZIEN POUR  
SUIVI DE CANAL VOCAL/TRAFCIC  
[72] ANDERSON, ROBERT J., US  
[71] TRUEPOSITION, INC., US  
[85] 2004-09-16  
[86] 2003-03-21 (PCT/US2003/008896)  
[87] 2003-10-09 (WO2003/084079)  
[30] US (10/106,089) 2002-03-25

## PCT Applications Entering the National Phase

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**[21] 2,479,671**  
[13] A1

[51] Int.Cl. 7A61K 31/585 7A61K 31/12  
7A61K 31/455 7A61K 31/4965  
[25] EN  
[54] COMBINATION OF AN ALDOSTERONE RECEPTOR ANTAGONIST AND NICOTINIC ACID OR A NICOTINIC ACID DERIVATIVE [54] COMBINAISON D'ANTAGONISTE DE RECEPTEUR D'ALDOSTERONE ET D'ACIDE NICOTINIQUE OU D'UN DERIVE D'ACIDE NICOTINIQUE  
[72] MCMAHON, ELLEN G., US  
[72] KELLER, BRADLEY T., US  
[72] KRUL, ELAINE S., US  
[71] PHARMACIA CORPORATION, US  
[85] 2004-09-17  
[86] 2003-03-18 (PCT/US2003/008201)  
[87] 2003-10-02 (WO2003/080068)  
[30] US (60/365,269) 2002-03-18

**[21] 2,479,672**  
[13] A1

[51] Int.Cl. 7A61K 31/70  
[25] EN  
[54] PREEMPTIVE PROPHYLAXIS OF MIGRAINE  
[54] PROPHYLAXIE DE LA MIGRAINE  
[72] CADY, ROGER K., US  
[71] CADY, ROGER K., US  
[85] 2004-09-17  
[86] 2003-03-14 (PCT/US2003/007993)  
[87] 2003-10-02 (WO2003/080072)  
[30] US (60/365,691) 2002-03-18

**[21] 2,479,673**  
[13] A1

[51] Int.Cl. 7F04B 49/04 7F04F 5/48  
[25] EN  
[54] WATER-POWERED SUMP PUMP  
[54] POMPE D'ASSECHEMENT A COMMANDE HYDRAULIQUE  
[72] OSTROWSKI, MICHAEL H., US  
[71] OSTROWSKI, MICHAEL H., US  
[85] 2004-09-16  
[86] 2002-09-19 (PCT/US2002/030284)  
[87] 2003-03-27 (WO2003/025398)  
[30] US (09/960,210) 2001-09-21

**[21] 2,479,674**  
[13] A1

[51] Int.Cl. 7A61K 31/7056 7A61P 35/00  
[25] EN  
[54] NOVEL THERAPEUTIC USE OF RIBOSIDE OF 5-AMINOIMIDAZOLE-4-CARBOXAMIDE (ACADESINE)  
[54] NOUVELLE UTILISATION THERAPEUTIQUE DU RIBOSIDE DE 5-AMINOIMIDAZOL-4-CARBOXAMIDE (ACADESINE)  
[72] CAMPAS MOYA, CLARA, ES  
[72] GIL SANTANO, JUAN, ES  
[72] LOPEZ BLANCO, JOSE MANUEL, ES  
[71] ADVANCED IN VITRO CELL TECHNOLOGIES, S.L., ES  
[85] 2004-09-17  
[86] 2003-03-20 (PCT/ES2003/000130)  
[87] 2003-10-02 (WO2003/080076)  
[30] ES (P200200760) 2002-03-21

**[21] 2,479,676**  
[13] A1

[51] Int.Cl. 7A61K 31/35  
[25] EN  
[54] DEXANABINOL AND DEXANABINOL ANALOGS REGULATE INFLAMMATION RELATED GENES  
[54] DEXANABINOL ET ANALOGUES DE DEXANABINOL REGULANT DES GENES ASSOCIES A L'INFLAMMATION  
[72] GARZON, AARON, IL  
[72] AVRAHAM, AYELET, IL  
[72] FINK, GEORGE, IL  
[71] PHARMOS CORPORATION, US  
[85] 2004-09-17  
[86] 2003-03-16 (PCT/IL2003/000223)  
[87] 2003-09-25 (WO2003/077832)  
[30] IL (148736) 2002-03-18

**[21] 2,479,677**  
[13] A1

[51] Int.Cl. 7H04N 7/16 7H04N 7/167  
[25] EN  
[54] SECURITY SYSTEM FOR DIGITAL CINEMA  
[54] SYSTEME DE SECURITE POUR CINEMA NUMERIQUE  
[72] MORONEY, PAUL, US  
[71] GENERAL INSTRUMENT CORPORATION, US  
[85] 2004-09-16  
[86] 2002-11-25 (PCT/US2002/038212)  
[87] 2003-06-05 (WO2003/047255)  
[30] US (09/997,521) 2001-11-28

**[21] 2,479,680**  
[13] A1

[51] Int.Cl. 7F16L 19/00 7F16J 15/10  
[25] EN  
[54] FLUID COUPLING  
[54] RACCORD POUR FLUIDE  
[72] NOJIMA, SHINYA, JP  
[72] SHINOHARA, TSUTOMU, JP  
[72] KATSUMI, YUKITO, JP  
[72] YAMAJI, MICHIO, JP  
[72] OHMI, TADAHIRO, JP  
[71] FUJIKIN INCORPORATED, JP  
[71] OHMI, TADAHIRO, JP  
[85] 2004-09-16  
[86] 2002-03-18 (PCT/JP2002/002533)  
[87] 2003-09-25 (WO2003/078883)

**[21] 2,479,681**  
[13] A1

[51] Int.Cl. 7C08L 101/00 7C08J 5/00  
7H01M 8/02 7H01M 8/10 7H01B 1/24  
[25] EN  
[54] CONDUCTIVE RESIN MOLDING  
[54] MOULE EN RESINE CONDUCTRICE  
[72] SHIMAZU, EIICHIROU, JP  
[72] EGAMI, MASAKI, JP  
[71] NTN CORPORATION, JP  
[85] 2004-09-17  
[86] 2002-03-18 (PCT/JP2002/002562)  
[87] 2003-09-25 (WO2003/078528)

**[21] 2,479,682**  
[13] A1

[51] Int.Cl. 7G11C 11/40 7H01L 27/105  
7G11C 11/407  
[25] EN  
[54] LOW-POWER HIGH-PERFORMANCE MEMORY CELL AND RELATED METHODS  
[54] CIRCUIT DE STOCKAGE HAUTE PUISSANCE ET PROCEDES CONNEXES  
[72] KANG, SUNG-MO, US  
[72] YOO, SEUNG-MOON, US  
[71] THE UNIVERSITY OF CALIFORNIA, US  
[85] 2004-09-16  
[86] 2003-03-27 (PCT/US2003/009599)  
[87] 2003-10-09 (WO2003/083872)  
[30] US (60/368,392) 2002-03-27

## Demandes PCT entrant en phase nationale

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**[21] 2,479,683**  
[13] A1

[51] Int.Cl. 7H01L 31/0352 7H01L 31/0248  
7H01L 31/0264 7H01L 31/036 7H01L 31/  
18  
[25] EN  
[54] SEMICONDUCTOR-  
NANOCRYSTAL/CONJUGATED  
POLYMER THIN FILMS  
[54] COUCHES MINCES DE  
NANOCRISTAL SEMI-CONDUCTEUR/  
POLYMER CONJUGUE  
[72] HUYNH, WENDY U., DE  
[72] ALIVISATOS, PAUL A., US  
[72] MILLIRON, DELIA, US  
[72] DITTMER, JANKE J., DE  
[71] THE REGENTS OF THE  
UNIVERSITY OF CALIFORNIA, US  
[85] 2004-09-17  
[86] 2003-03-19 (PCT/US2003/008624)  
[87] 2003-10-02 (WO2003/081683)  
[30] US (60/365,401) 2002-03-19  
[30] US (60/381,660) 2002-05-17  
[30] US (60/381,667) 2002-05-17  
[30] US (60/395,064) 2002-07-12  
[30] US (10/280,135) 2002-10-23  
[30] US (10/301,510) 2002-11-20

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**[21] 2,479,684**  
[13] A1

[51] Int.Cl. 7H04B 1/04 7H04L 27/04  
[25] EN  
[54] SYSTEM AND METHOD FOR  
ELIMINATING SIGNAL ZERO  
CROSSINGS IN SINGLE AND  
MULTIPLE CHANNEL  
COMMUNICATION SYSTEMS  
[54] SYSTEME ET PROCEDE POUR  
ELIMINER LES PASSAGES PAR ZERO  
DE SIGNAUX DANS DES SYSTEMES DE  
COMMUNICATION MONOVOIES ET  
MULTIVOIES  
[72] HUNTON, MATTHEW J., US  
[71] POWERWAVE TECHNOLOGIES,  
INC., US  
[85] 2004-09-17  
[86] 2003-03-18 (PCT/US2003/008005)  
[87] 2003-10-02 (WO2003/081793)  
[30] US (60/365,736) 2002-03-19

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**[21] 2,479,685**  
[13] A1

[51] Int.Cl. 7H04B 3/00 7H04B 1/04  
[25] EN  
[54] PASSIVE INTERMODULATION  
INTERFERENCE CONTROL CIRCUITS  
[54] CIRCUITS DE COMMANDE DE  
L'INTERFERENCE  
D'INTERMODULATION PASSIVE  
[72] MONTGOMERY, JAMES P., US  
[72] DIMITROV, BISSER N., US  
[72] RUNYON, DONALD L., US  
[72] CARSON, JAMES CRAWFORD, US  
[71] EMS TECHNOLOGIES, INC., US  
[85] 2004-09-17  
[86] 2003-03-17 (PCT/US2003/008076)  
[87] 2003-10-02 (WO2003/081795)  
[30] US (60/365,399) 2002-03-18

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**[21] 2,479,686**  
[13] A1

[51] Int.Cl. 7A61K 35/78 7A61P 11/02  
7A61K 9/06 7A61P 37/08 7A61P 27/14  
[25] EN  
[54] COMPOSITIONS FOR TREATING  
AND/OR PREVENTING POLLENOSIS  
[54] COMPOSITIONS DE  
TRAITEMENT ET/OU DE  
PREVENTION DE LA POLLINOSE  
[72] TSUCHIDA, YUUZOU, JP  
[72] TSUCHIDA, KENJIROU, JP  
[72] TSUCHIDA, KOTAROU, JP  
[71] HOOUODOU CO., LTD., JP  
[85] 2004-09-17  
[86] 2003-03-27 (PCT/JP2003/003822)  
[87] 2003-10-02 (WO2003/080096)  
[30] JP (2002-88823) 2002-03-27

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**[21] 2,479,687**  
[13] A1

[51] Int.Cl. 7B01D 63/00  
[25] EN  
[54] CROSS-FLOW FILTRATION  
CASSETTES AND METHODS FOR  
FABRICATION OF SAME  
[54] CASSETTES DE FILTRATION A  
CONTRE COURANT ET PROCEDES DE  
FABRICATION DESDITES CASSETTES  
[72] SABIN, PAUL, US  
[72] OSENAR, PAUL, US  
[71] PROTONEX TECHNOLOGY  
CORPORATION, US  
[85] 2004-09-17  
[86] 2003-03-19 (PCT/US2003/008446)  
[87] 2003-10-02 (WO2003/080226)  
[30] US (60/365,456) 2002-03-19

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**[21] 2,479,688**  
[13] A1

[51] Int.Cl. 7B01J 35/02 7C01G 11/02  
[25] EN  
[54] PHOTOCATALYST AND PROCESS  
FOR PRODUCING THE SAME  
[54] PHOTOCATALYSEUR ET SON  
PROCEDE DE PRODUCTION  
[72] TOHJI, KAZUYUKI, JP  
[72] KISHIMOTO, AKIRA, JP  
[72] ATARASHI, TAKAFUMI, JP  
[71] NITTETSU MINING CO., LTD., JP  
[71] JAPAN SCIENCE AND  
TECHNOLOGY CORPORATION, JP  
[85] 2004-09-17  
[86] 2002-08-23 (PCT/JP2002/008531)  
[87] 2003-09-25 (WO2003/078061)  
[30] JP (2002-74458) 2002-03-18

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**[21] 2,479,689**  
[13] A1

[51] Int.Cl. 7B30B 9/32  
[25] EN  
[54] PRESS FOR PROCESSING ANY  
TYPE OF MATERIAL  
[54] PRESSE DE TRAITEMENT DE  
TOUS TYPES DE MATERIAUX  
[72] SCHAAF, MICHAEL, DE  
[72] KLOTHER, ANDREAS, DE  
[72] VAN DER BEEK, AUGUST, DE  
[72] PECHTEL, HARALD, DE  
[72] BUCH, REYK, DE  
[71] METSO LINDEMANN GMBH, DE  
[85] 2004-09-17  
[86] 2003-02-18 (PCT/DE2003/000490)  
[87] 2003-10-02 (WO2003/080323)  
[30] DE (102 12 730.1) 2002-03-21

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**[21] 2,479,690**  
[13] A1

[51] Int.Cl. 7B41M 5/00 7C08J 7/04  
[25] EN  
[54] PRINTABLE FILM  
[54] FILM IMPRIMABLE  
[72] SOUTHWARD, RICHARD, GB  
[72] DUTTON, NEILL, GB  
[71] UCB, S.A., BE  
[85] 2004-09-17  
[86] 2003-03-19 (PCT/EP2003/002868)  
[87] 2003-10-02 (WO2003/080356)  
[30] GB (0207089.4) 2002-03-26

## PCT Applications Entering the National Phase

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**[21] 2,479,692**  
[13] A1

[51] Int.Cl. 7B41M 5/00 7C09D 7/12  
[25] EN  
**[54] COATING COMPOSITION  
COMPRISING COLLOIDAL SILICA  
AND GLOSSY INK JET RECORDING  
SHEETS PREPARED THEREFROM**  
**[54] COMPOSITION DE REVETEMENT  
A BASE DE SILICE COLLOIDALE ET  
FEUILLES D'ENREGISTREMENT  
BRILLANTES A JET D'ENCRE  
PREPAREES A BASE DE CETTE  
COMPOSITION**  
[72] MICHOS, DEMETRIUS, US  
[72] FRUGE, DANIEL RAY, US  
[71] W.R. GRACE & CO.-CONN., US  
[85] 2004-09-17  
[86] 2003-03-19 (PCT/US2003/008364)  
[87] 2003-10-02 (WO2003/080357)  
[30] US (60/365,617) 2002-03-19

**[21] 2,479,702**  
[13] A1

[51] Int.Cl. 7C23C 14/34 7C23C 16/00  
7G02B 1/10  
[25] EN  
**[54] SYSTEM AND METHOD FOR  
MAKING THIN-FILM STRUCTURES  
USING A STEPPED PROFILE MASK**  
**[54] SYSTEME ET PROCEDE DE  
FABRICATION DE STRUCTURES DE  
FILM MINCE FAISANT APPEL A UN  
MASQUE PRESENTANT UN PROFIL  
ETAGE**  
[72] HYLTON, TODD LANIER, US  
[72] BALDWIN, DAVID ALAN, US  
[71] 4WAVE, INC., US  
[85] 2004-09-16  
[86] 2002-03-13 (PCT/US2002/007638)  
[87] 2002-09-26 (WO2002/075016)  
[30] US (09/810,969) 2001-03-16

**[21] 2,479,708**  
[13] A1

[51] Int.Cl. 7F16L 23/02 7F16L 19/03  
[25] EN  
**[54] PIPE JOINT**  
**[54] JOINT DE TUYAU**  
[72] SUGIYAMA, KAZUHIKO, JP  
[72] HADA, KEIKO, JP  
[72] YASUMOTO, NAOFUMI, JP  
[72] IKEDA, NOBUKAZU, JP  
[72] YAMAJI, MICHIO, JP  
[72] IDETA, EIJI, JP  
[71] TOKYO ELECTRON LIMITED, JP  
[71] FUJIKIN INCORPORATED, JP  
[85] 2004-09-16  
[86] 2003-03-19 (PCT/JP2003/003293)  
[87] 2003-09-25 (WO2003/078884)  
[30] JP (2002-77990) 2002-03-20  
[30] JP (2003-4773) 2003-01-10

**[21] 2,479,710**  
[13] A1

[51] Int.Cl. 7C08F 6/16  
[25] EN  
**[54] AQUEOUS  
POLYTETRAFLUOROETHYLENE  
DISPERSION COMPOSITION AND  
PROCESS FOR ITS PRODUCTION**  
**[54] COMPOSITION DE DISPERSION  
AQUEUSE DE  
POLYTETRAFLUOROETHYLENE ET  
PROCEDE DE PRODUCTION DE  
CETTE DERNIERE**  
[72] KOBAYASHI, SHIGEKI, JP  
[72] HOSHIKAWA, JUN, JP  
[71] ASAHI GLASS COMPANY,  
LIMITED, JP  
[85] 2004-09-17  
[86] 2003-03-20 (PCT/JP2003/003422)  
[87] 2003-09-25 (WO2003/078479)  
[30] JP (2002-78785) 2002-03-20

**[21] 2,479,711**  
[13] A1

[51] Int.Cl. 7A61K 47/36 7A61K 9/08  
7A61K 31/485  
[25] EN  
**[54] FORMULATION COMPRISING  
BUPRENORPHINE**  
**[54] PREPARATION**  
[72] BIRCH, PHILLIP JOHN, GB  
[72] HAYES, ANN GAIL, GB  
[72] CASTILE, JONATHAN DAVID, GB  
[72] WATTS, PETER JAMES, GB  
[71] IONIX PHARMACEUTICALS  
LIMITED, GB  
[71] WEST PHARMACEUTICAL  
SERVICES DRUG DELIVERY &  
CLINICAL RESEARCH CENTRE LI  
MITED, GB  
[85] 2004-09-17  
[86] 2003-03-19 (PCT/GB2003/001183)  
[87] 2003-10-02 (WO2003/080021)  
[30] GB (0206448.3) 2002-03-19  
[30] GB (0225040.5) 2002-10-28  
[30] GB (0225041.3) 2002-10-28  
[30] GB (0225042.1) 2002-10-28

**[21] 2,479,712**  
[13] A1

[51] Int.Cl. 7B24B 1/00 7B24D 11/00  
[25] EN  
**[54] ABRASIVE ARTICLES WITH  
NOVEL STRUCTURES AND METHODS  
FOR GRINDING**  
**[54] ARTICLES ABRASIFS A  
STRUCTURES NOUVELLES ET  
PROCEDES DE POLISSAGE**  
[72] SHELDON, DAVID A., US  
[72] MATSUMOTO, DEAN S., US  
[72] ORLHAC, XAVIER, US  
[72] BRIGHT, ERIC, US  
[72] BONNER, ANNE M., US  
[72] LAMBERT, EDWARD L., US  
[71] SAINT-GOBAIN ABRASIVES, INC.,  
US  
[85] 2004-09-17  
[86] 2003-03-21 (PCT/US2003/008936)  
[87] 2003-10-23 (WO2003/086703)  
[30] US (10/120,969) 2002-04-11  
[30] US (10/328,802) 2002-12-24

## Demandes PCT entrant en phase nationale

**[21] 2,479,713**  
[13] A1

[51] Int.Cl. 7B24B 1/00  
 [25] EN  
**POROUS ABRASIVE ARTICLES WITH AGGLOMERATED ABRASIVES AND METHOD FOR MAKING THE AGGLOMERATED ABRASIVES**  
**ARTICLES ABRASIFS POREUX AVEC ABRASIFS AGGLOMERES ET PROCEDE DE FABRICATION DES ABRASIFS AGGLOMERES**  
 [72] BRIGHT, ERIC, US  
 [72] WU, MIANXUE, US  
 [71] SAINT-GOBAIN ABRASIVES, INC., US  
 [85] 2004-09-17  
 [86] 2003-03-21 (PCT/US2003/008946)  
 [87] 2003-10-23 (WO2003/086704)  
 [30] US (10/120,969) 2002-04-11

**[21] 2,479,733**  
[13] A1

[51] Int.Cl. 7C12P 7/10 7C12N 1/19  
 [25] EN  
**SACCHAROMYCES CEREVISIAE MUTANT**  
**MUTANT DE SACCHAROMYCES CEREVISIAE**  
 [72] HAHN-HAGERDAL, BARBEL, SE  
 [72] WAHLBOM, FREDRIK, SE  
 [72] JONSSON, LEIF, SE  
 [71] FORSKARPATENT I SYD AB, SE  
 [85] 2004-09-16  
 [86] 2003-03-11 (PCT/SE2003/000397)  
 [87] 2003-09-25 (WO2003/078642)  
 [30] SE (0200855-5) 2002-03-19

**[21] 2,479,741**  
[13] A1

[51] Int.Cl. 7G06F 15/16  
 [25] EN  
**METHOD AND SYSTEM FOR ELECTRONIC COMMINGLING OF HYBRID MAIL**  
**PROCEDE ET SYSTEME DESTINES AU MELANGEAGE ELECTRONIQUE DU COURRIER HYBRIDE**  
 [72] JOHNSON, EUGENE C., US  
 [72] CARLIN, PAUL N., US  
 [71] UNITED PARCEL SERVICE OF AMERICA, INC., US  
 [85] 2004-09-15  
 [86] 2003-02-25 (PCT/US2003/005709)  
 [87] 2003-10-09 (WO2003/083685)  
 [30] US (10/105,614) 2002-03-25

**[21] 2,479,746**  
[13] A1

[51] Int.Cl. 7D21F 7/08 7D21F 7/10  
 [25] EN  
**LAMINATED MULTIAXIAL PRESS FABRIC**  
**TOILE DE PRESSE MULTIAXIALE LAMINEE**  
 [72] YOOK, STEVEN S., US  
 [71] ALBANY INTERNATIONAL CORP., US  
 [85] 2004-09-15  
 [86] 2003-03-13 (PCT/US2003/007534)  
 [87] 2003-10-16 (WO2003/085197)  
 [30] US (10/114,286) 2002-04-02

**[21] 2,480,048**  
[13] A1

[51] Int.Cl. 7A61N 5/01  
 [25] EN  
**CHEMILUMINESCENT TREATMENT OF ACNE**  
**TRAITEMENT DE L'ACNE PAR CHIMILUMINESCENCE**  
 [72] LEVINE, ANDY H., US  
 [72] TOLKOFF, MARC JOSHUA, US  
 [71] LUMERX, INC., US  
 [85] 2004-09-15  
 [86] 2003-03-25 (PCT/US2003/009097)  
 [87] 2003-10-09 (WO2003/082372)  
 [30] US (60/366,551) 2002-03-25  
 [30] US (10/395,027) 2003-03-21

**[21] 2,479,770**  
[13] A1

[51] Int.Cl. 7H04Q 7/24  
 [25] EN  
**METHOD TO PROVIDE DYNAMIC INTERNET PROTOCOL SECURITY POLICY SERVICES**  
**PROCEDE DESTINE A FOURNIR DES SERVICES DYNAMIQUES EN MATIERE DE REGLES DE PROTOCOLE DE SECURITE INTERNET**  
 [72] VERMA, MADHVI, US  
 [72] AMARA, SATISH, US  
 [71] UTSTARCOM, INCORPORATED, US  
 [85] 2004-09-15  
 [86] 2003-03-19 (PCT/US2003/008800)  
 [87] 2003-10-30 (WO2003/090041)  
 [30] US (10/101,641) 2002-03-20

**[21] 2,480,889**  
[13] A1

[51] Int.Cl. 7A61K 9/06 7A61L 15/22  
**7A61K 47/30**  
 [25] EN  
**EXTERNAL MEDICINE FOR WOUNDS**  
**MEDICAMENT TOPIQUE POUR SOIGNER LES PLAIES**  
 [72] YAMASAKI, KEIKO, JP  
 [72] HIRATA, AKIHIKO, JP  
 [72] YOKOYAMA, HIDEAKIRA, JP  
 [72] HAMAMOTO, HIDETOSHI, JP  
 [72] FUJII, TAKERU, JP  
 [71] MEDRX CO., LTD., JP  
 [71] NIPPON SHINYAKU CO., LTD., JP  
 [85] 2004-09-13  
 [86] 2003-03-12 (PCT/JP2003/002887)  
 [87] 2003-09-18 (WO2003/075886)  
 [30] JP (2002-69901) 2002-03-14  
 [30] JP (2002-120084) 2002-04-23  
 [30] JP (2002-189912) 2002-06-28

**[21] 2,479,810**  
[13] A1

[51] Int.Cl. 7A61P 35/00 7C07D 487/00  
**7A61K 31/55**  
 [25] EN  
**POLYMERIC ACYL DERIVATIVES OF INDOLES**  
**DERIVES ACYLES POLYMERIQUES D'INDOLES**  
 [72] ZHAO, HONG, US  
 [72] GREENWALD, RICHARD B., US  
 [71] ENZON, INC., US  
 [85] 2004-09-15  
 [86] 2003-03-31 (PCT/US2003/009875)  
 [87] 2003-10-16 (WO2003/084926)  
 [30] US (60/369,732) 2002-04-04

**[21] 2,481,062**  
[13] A1

[51] Int.Cl. 7G07F 17/32 7G06F 1/00  
 [25] EN  
**SECURED VIRTUAL NETWORK IN A GAMING ENVIRONMENT**  
**RESEAU VIRTUEL SECURISE DANS UN ENVIRONNEMENT DE JEU**  
 [72] PARROTT, GREG, US  
 [72] NGUYEN, BINH T., US  
 [72] OBERBERGER, MICHAEL M., US  
 [71] IGT, US  
 [85] 2004-10-01  
 [86] 2003-03-26 (PCT/US2003/009669)  
 [87] 2003-10-16 (WO2003/085613)  
 [30] US (10/116,424) 2002-04-03

## PCT Applications Entering the National Phase

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[21] 2,482,200

[13] A1

[51] Int.Cl. 7B65D 81/26 7B65D 83/04

7B65D 85/84

[25] EN

[54] DESICCANT VIAL ASSEMBLY

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[54] ENSEMBLE FLACON A AGENT

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[72] SUPRANOWICZ, RONALD, US

[72] BELFANCE, JOHN, US

[72] SUPRANOWICZ, RONALD, US

[72] BELFANCE, JOHN, US

[71] CSP TECHNOLOGIES INC., US

[85] 2004-10-12

[86] 2003-04-11 (PCT/US2003/010990)

[87] 2003-10-23 (WO2003/086900)

[30] US (60/372,339) 2002-04-11

[30] US (10/219,570) 2002-08-15

[30] US (60/372,339) 2002-04-11

[30] US (10/219,570) 2002-08-15

# 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

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[21] 2,474,630  
[13] A1

[51] Int.Cl. 7G02B 27/24 7G10K 11/28  
[25] EN  
[54] LIFE-SIZE OPTICAL ILLUSION DEVICE WITH REFLECTION-TYPE HOLOGRAMS  
[54] DISPOSITIF A ILLUSION D'OPTIQUE GRANDEUR NATURE PRODUISANT DES HOLOGRAMMES DE TYPE REFLECHI  
[72] SUNATORI, GO SIMON, CA  
[71] SUNATORI, GO SIMON, CA  
[22] 1999-09-28  
[41] 2001-03-28  
[62] 2,285,822

---

[21] 2,478,536  
[13] A1

[51] Int.Cl. 7B23K 26/38  
[25] EN  
[54] PERFORATING MACHINING METHOD WITH LASER BEAM  
[54] METHODE D'USINAGE A PERFORATION PAR FAISCEAU LASER  
[72] ISOGAI, KAZUO, JP  
[72] TAKEKUMA, HIDESHI, JP  
[72] OTAKE, TSUNEO, JP  
[72] OKUMURA, TOKUJI, JP  
[72] WAKABAYASHI, KAZUSHIRO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-12-19  
[41] 2001-06-22  
[62] 2,328,743  
[30] JP (11-365484) 1999-12-22  
[30] JP (11-365485) 1999-12-22

---

[21] 2,478,539  
[13] A1

[51] Int.Cl. 5H04L 27/01 5H04B 7/005  
[25] EN  
[54] A METHOD AND DEVICE FOR ESTIMATING TRANSMITTED SIGNALS IN A RECEIVER IN DIGITAL SIGNAL TRANSMISSION OPERATIONS  
[54] METHODE ET DISPOSITIF D'EVALUATION DES SIGNAUX TRANSMIS DANS UN RECEPTEUR POUR DES OPERATIONS DE TRANSMISSIONS DE SIGNAUX NUMERIQUES  
[72] JAMAL, KARIM, SE  
[72] GUDMUNDSON, BJORN, SE  
[72] BRISMARK, GUSTAV, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[22] 1994-06-23  
[41] 1994-12-25  
[62] 2,126,604  
[30] SE (9302204-4) 1993-06-24

---

[21] 2,478,541  
[13] A1

[51] Int.Cl. 7E01C 1/04  
[25] EN  
[54] INTERSECTION SYSTEMS  
[54] SYSTEMES D'INTERSECTION ROUTIERE  
[72] LEE, JANG HEE, KR  
[71] LEE, JANG HEE, KR  
[22] 1998-11-17  
[41] 1999-05-27  
[62] 2,311,120  
[30] KR (1997/61140) 1997-11-19

---

[21] 2,480,703  
[13] A1

[51] Int.Cl. 7E21B 43/40 7C10G 1/00  
7E21B 7/08  
[25] EN  
[54] HYDROCARBON PRODUCTION USING MULTILATERAL WELL BORES  
[54] PRODUCTION  
D'HYDROCARBURES A L'AIDE DE PUITS DE FORAGE MULTILATERAUX  
[72] WATKINS, LARRY A., US  
[72] DONOVAN, JOSEPH F., US  
[72] TURICK, DANIEL J., US  
[72] JOHNSON, MICHAEL H., US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 1996-03-25  
[41] 1996-10-03  
[62] 2,216,430  
[30] US (08/411,377) 1995-03-27

---

[21] 2,480,705  
[13] A1

[51] Int.Cl. 7F24H 3/04  
[25] EN  
[54] HEATER  
[54] RADIATEUR  
[72] NORTON, LORNE GORDON, CA  
[71] ARTIC THERM INTERNATIONAL LTD., CA  
[22] 2000-01-31  
[41] 2001-07-31  
[62] 2,297,715

## Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

---

**[21] 2,480,707**  
[13] A1

[51] Int.Cl. 7E21B 7/08 7E21B 29/06  
7E21B 43/40  
[25] EN  
[54] HYDROCARBON PRODUCTION  
USING MULTILATERAL WELL BORES  
[54] PRODUCTION  
D'HYDROCARBURES A L'AIDE DE  
PUITS DE FORAGE MULTILATERAUX  
[72] WATKINS, LARRY A., US  
[72] JOHNSON, MICHAEL H., US  
[72] DONOVAN, JOSEPH F., US  
[72] TURICK, DANIEL J., US  
[71] BAKER HUGHES INCORPORATED,  
US  
[22] 1996-03-25  
[41] 1996-10-03  
[62] 2,216,430  
[30] US (08/411,377) 1995-03-27

**[21] 2,481,191**  
[13] A1

[51] Int.Cl. 7A01K 1/00 7A01K 5/00  
7A01K 7/00  
[25] EN  
[54] APPARATUS FOR RAISING A SOW  
IN A FARROWING CRATE  
[54] ELEVATEUR DE MISE EN PLACE  
DE TRUIE DANS UNE CAGE DE MISE A  
BAS  
[72] KLEINSASSER, JONATHAN, CA  
[71] CRYSTAL SPRING COLONY FARMS  
LTD., CA  
[22] 2003-06-02  
[41] 2004-08-05  
[62] 2,430,783

**[21] 2,481,193**  
[13] A1

[51] Int.Cl. 7G01N 33/48  
[25] EN  
[54] IMPROVED ELECTROCHEMICAL  
BIOSENSOR TEST STRIP  
[54] BANDELETTES REACTIVES DE  
BIODETECTION ELECTROCHIMIQUE  
AMELIOREES  
[72] CRISMORE, WILLIAM F., US  
[72] BURKE, DAVID W., US  
[72] SURRIDGE, NIGEL A., US  
[72] DIEBOLD, ERIC R., US  
[72] BODENSTEINER, RICHARD J., US  
[72] HO, JIAXIONG JASON, US  
[72] MCMINN, DANIEL R., US  
[72] HEALD, BRIAN A., US  
[72] EARL, ROBERT KITCHEL, US  
[72] DELK, R. DALE, US  
[71] ROCHE DIAGNOSTICS  
CORPORATION, US  
[22] 1998-12-02  
[41] 1999-06-17  
[62] 2,309,280  
[30] US (08/985,840) 1997-12-05

**[21] 2,481,264**  
[13] A1

[51] Int.Cl. 7C07F 15/06 7C07F 15/04  
7C07F 1/08 7C07C 317/14 7C07C 323/64  
[25] EN  
[54] SUBSTITUTED BENZENEDITHIOL  
METAL COMPLEX  
[54] COMPLEX BENZENEDITHIOL-  
METAL SUBSTITUES  
[72] SUZUKI, MICHIO, JP  
[72] HIRAKO, KAZUYOSHI, JP  
[72] KIMURA, SATOSHI, JP  
[71] SUMITOMO SEIKA CHEMICALS  
CO., LTD., JP  
[22] 1997-03-17  
[41] 1997-09-25  
[62] 2,219,796  
[30] JP (8/93113) 1996-03-21  
[30] JP (8/219408) 1996-07-31  
[30] JP (8/219409) 1996-07-31

**[21] 2,481,265**  
[13] A1

[51] Int.Cl. 7G01N 27/403  
[25] EN  
[54] CELL FOR ELECTROCHEMICAL  
ANALYSIS OF A SAMPLE AND  
METHOD  
[54] CELLULE POUR L'ANALYSE  
ELECTROCHIMIQUE D'UN  
ECHANTILLON ET METHODE  
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[72] BHULLAR, RAGHBIR SINGH, US  
[72] HILL, BRIAN, US  
[71] ROCHE DIAGNOSTICS  
CORPORATION, US  
[22] 2000-12-22  
[41] 2001-06-30  
[62] 2,329,563  
[30] US (09/476,442) 1999-12-30

**[21] 2,481,195**  
[13] A1

[51] Int.Cl. 7G01N 33/48  
[25] EN  
[54] IMPROVED ELECTROCHEMICAL  
BIOSENSOR TEST STRIP  
[54] BANDELETTES REACTIVES DE  
BIODETECTION ELECTROCHIMIQUE  
AMELIOREES  
[72] BURKE, DAVID W., US  
[72] DIEBOLD, ERIC R., US  
[72] MCMINN, DANIEL R., US  
[72] BODENSTEINER, RICHARD J., US  
[72] DELK, R. DALE, US  
[72] SURRIDGE, NIGEL A., US  
[72] HO, JIAXIONG JASON, US  
[72] CRISMORE, WILLIAM F., US  
[72] EARL, ROBERT KITCHEL, US  
[72] HEALD, BRIAN A., US  
[71] ROCHE DIAGNOSTICS  
CORPORATION, US  
[22] 1998-12-02  
[41] 1999-06-17  
[62] 2,309,280  
[30] US (08/985,840) 1997-12-05

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MEYER, DANIEL E.	INDUSTRIES, LTD.	2,236,101	IVANOVICH	2,304,583
MICROE SYSTEMS CORP.	NITTO DENKO		PETERSEN, GODBER	2,316,099
MILES, DALE A.	CORPORATION	2,267,711	PEZESHKI, BARDIA	2,387,645
MINNESOTA MINING AND	NOGAMI, MITSUZO	2,264,134	PFIZER INC.	2,150,123
MANUFACTURING	NOKIA CORPORATION	2,385,914	PFIZER INC.	2,272,136
COMPANY	NOKIA NETWORKS OY	2,356,111	PFIZER INC.	2,287,736
MINNESOTA MINING AND	NOKIA		PFIZER INC.	2,308,478
MANUFACTURING	TELECOMMUNICATION		PFIZER PRODUCTS INC.	2,316,921
COMPANY	S OY	2,201,476		

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PFIZER PRODUCTS INC.	2,358,373	SAMPATH, DESIKAN	2,370,160	SHRAIRMAN, RUTH	2,157,368
PHONEX CORPORATION	2,339,972	SAMSUNG ELECTRONIC CO., LTD.	2,285,167	SIEGEMUND, GUNTER	2,127,732
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PITNEY BOWES INC.	2,107,641	SANO, KENJI	2,267,711	SLAMENIK, MANFRED	2,245,668
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POLYCLAD LAMINATES, INC.	2,157,587	SATO, SEIICHI	2,134,608	SOLVAY (SOCIETE ANONYME)	2,127,732
POWELL, IAN ANDREW	2,316,205	SCHAD, ROBERT D.	2,411,149	SOLVE, TORBJORN W.	2,117,587
PPG INDUSTRIES OHIO, INC.	2,240,982	SCHAEDE, JOHANNES GEORG	2,241,973	SOMMEREISEN, WINFRIED	2,314,143
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QINETIQ LIMITED	2,196,542	SCHULZ, GERALD OWEN	2,081,528	STEINLAGE, DAVID LEE	2,374,111
QUALCOMM INCORPORATED	2,244,929	SCHULZE, JURGEN	2,335,002	STEPHEN, ERICH	2,316,069
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COMPANY	2,478,819	EDUCATION	XU, JIANGUO	2,479,427
THE PROCTER & GAMBLE		UNRUH, ERLAND	XU, JINGYANG	2,472,366
COMPANY	2,479,380	UOP LLC	YAHMADI, IMED	2,479,132
		UTSTARCOM, INCORPORATED	YAMAGUCHI, ISAMU	2,479,164
		VAN BROEKHOVEN, EMANUEL	YAMAJI, MICHIO	2,479,680
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