

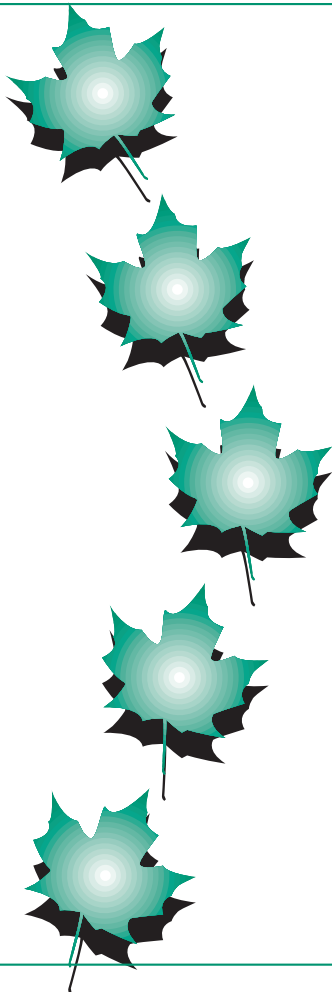


**Canadian  
Intellectual Property  
Office**

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**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

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**Canada**

CIPO  OPIC

# THE PATENT OFFICE RECORD



# LA GAZETTE DU BUREAU DES BREVETS

P. Trépanier  
Acting Commissioner of Patents

**The Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Hull, Canada, to whom all communications other than those concerning subscriptions or requests for single copies should be addressed.**

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

P. Trépanier  
Commissaire intérimaire aux brevets

**La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Hull, Canada, à qui doit être adressée toute correspondance autre que les abonnements ou les commandes d'exemplaires séparés.**

**Le Bureau des brevets 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
  
- [43] - Date of publication by printing or similar process of an unexamined document on which no grant has taken place on or before the said 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'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

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

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
  
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la convention de Paris
  
- [43] - Date de publication, par impression ou par un procédé similaire, d'un document non examiné, n'ayant encore donné lieu à la délivrance d'aucun titre à la date en question ou avant
  
- [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] - Noms(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

## 2. Country Code

A complete list of country codes has been published in the issue of April 20, 1999 and will be published twice a year in the last issues of April and October.

## 3. Canadian Class Titles

A numerical index of the Canadian classification titles will be published in the first issue of January each year.

Anyone desirous of ascertaining what classes are directed to subject matter in which he/she has a particular interest may write to the Patent Office for such information. Related subject matter sometimes appears in different classes and could be missed by those not fully familiar with the classification system. It is also possible to obtain on request an alphabetical listing of subject matter titles for the various classes by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9.

## 4. Class Schedules and Definitions

A schedule (list of subclasses in a class) for any class listed on these pages may be purchased by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9. Definitions of the type of subject matter found in any class or subclass may be purchased for most of the classes. The cost of these individual schedules and definitions is 50¢ per page reproduced by the Patent Office.

Those wishing to purchase a complete set of schedules covering all classes, including the Subject Matter Index and separate listings of all class titles, may do so from Micromedia Limited at a cost of \$25 (98 frame microfiche), or \$200 (paper).

## 5. How to Purchase Paper or Microform-copies of Canadian Patents and Canadian Laid-Open Applications

### A) Paper Copies

Paper copies of Canadian Patents numbers 1 to 445,930 can be purchased at a cost of four dollars (\$4) per copy by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

## 2. Code des pays

Une liste complète des codes de pays a été publiée dans le numéro du 20 avril 1999 et sera republiée deux fois par année dans le dernier numéro des mois de avril et d'octobre.

## 3. Liste des classes canadiennes

Un index numérique des titres de la classification canadienne sera publié dans le premier numéro de janvier, à chaque année.

Toute personne désirant savoir dans quelles classes sont classifiés les sujets auxquels il/elle porte un intérêt particulier peut se renseigner en écrivant au Bureau des brevets. Des sujets connexes peuvent parfois figurer dans des classes différentes et une personne qui ne serait pas complètement familière avec le système de classification pourrait omettre les classes. On peut également obtenir une liste alphabétique des titres des objets classifiés dans les différentes classes en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9.

## 4. Listes et définitions des classes

Il est possible d'acheter les listes des sous-classes pour chacune des classes énumérées dans ces pages en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9. Des définitions selon les sujets se trouvant dans chaque classe ou sous-classe peuvent aussi être achetées pour la plupart des classes. Les prix de ces listes et définitions individuelles est de 0,50 \$ par page reproduite par le Bureau des brevets.

Les personnes qui désirent acheter une série complète des listes couvrant toutes les classes, y compris l'index des sujets et listes distinctes de tous les titres de classes, doivent s'adresser à Micromedia Limited. Le prix est de 25 \$ pour des microfiches à 98 cadres d'image ou de 200 \$ pour des copies sur papier.

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

### A) Copies sur papier

Les copies sur papier des brevets canadiens, numéros 1 à 445,930, sont disponibles au coût de quatre dollars (4 \$) par copie, en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

## Notices

Paper copies of all Canadian Patents and Canadian Laid-Open Applications can be purchased at a cost of eight dollars (\$8) per copy plus estimated postage and taxes. Copies of these patents are available by writing or calling: Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

Toll Free for North America: 1-800-567-1914

E-mail: tic@micromedia.on.ca

### B) Microform Copies

Copies of Canadian Patents from number 445,931 to date and Canadian Laid-Open Applications from number 2,000,001 to date can be purchased from Micromedia Limited at a cost of \$4 each (98 frame microfiche).

Beginning with Canadian Patent number 986,651, annual collections may be purchased from Micromedia Limited in the following categories:

- Abstracts of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- Cover pages, claims and drawings of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- Full text of Canadian Patents issued weekly in numerical order (16 mm microfilm).

## 6. Orders for Patents By Class or Sub-Class

Micromedia Limited will fill standing orders for all Canadian patents issuing in any class or subclass. Patents issuing after the date of the order will be supplied. Annual fee for this service is \$150 per class.

The charge of eight dollars (\$8) per paper copy or the charge of four dollars (\$4) per microfiche copy plus postage and taxes will apply for copies of all patents supplied.

Those wishing to use the service should open a deposit account with Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

Les copies sur papier de tous les brevets canadiens et des demandes canadiennes mises à la disponibilité du public sont disponibles au coût de huit dollars (8 \$) par copie, plus l'affranchissement et les taxes. Il suffit d'écrire à Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

Numéro sans frais Amérique du Nord: 1-800-567-1914

Courriel: tic@micromedia.on.ca

### B) Copies en microforme

Les copies des brevets canadiens à partir du numéro 445,931 et des demandes canadiennes mises à la disponibilité, du public à partir du numéro 2,000,001 sont disponibles chez Micromedia Limited au coût de 4 \$ chacune (microfiche à 98 cadres d'image).

On peut également se procurer auprès de Micromedia Limited, à partir du numéro de brevet 986,651, des séries annuelles dans les catégories suivantes:

- Précis de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Pages couvertures, revendications et dessins de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Exemplaires complets de brevets canadiens délivrés, chaque semaine, par ordre numérique (microfilm 16 mm).

## 6. Commandes de brevets par classe ou sous-classe

Micromedia Limited exécutera les commandes permanentes pour tous les brevets délivrés dans toute classe ou sous-classe. Les brevets délivrés après la date de la commande seront fournis. Le tarif annuel de ce service est de 150 \$ par classe.

La somme de huit dollars (8 \$) pour chaque copie reproduite sur papier ou la somme de quatre (4 \$) pour chaque copie reproduite sur microfiche, plus les frais de poste et les taxes sont exigibles pour chaque exemplaire de brevet fourni.

Les personnes intéressées à prendre avantage de ce service sont invitées à ouvrir un compte de dépôt avec Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

## Avis

Toll Free for North America: 1-800-567-1914

Numéro sans frais Amérique du Nord: 1-800-567-1914

E-mail: tic@micromedia.on.ca

Courriel: tic@micromedia.on.ca

A listing of all patents that have issued in each class or subclass, including both patents in force and expired patents, may be ordered at a price of 50¢ per page from the Patent Office.

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expirés, peuvent être commandées auprès du Bureau des brevets au prix de 0,50 \$ la page.

### 7. 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-Hull, 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.

### 7. 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-Hull, 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.

### 8. 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-Hull, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

### 8. 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-Hull, 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.

#### 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.

#### 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.

### 9. Patents Available for Licence or Sale

An asterisk (\*) placed beside any patent listed in this issue of the 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 under in part 10 of these notices.

### 9. 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.

## Notices

### **10. List of Patents Available for Licence or Sale**

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

2,182,550

### **11. Expired Patents**

For patent applications filed before October 1, 1989, the life of a Canadian patent is 17 years. Consequently all Canadian patents up to and including No. 1,134,100 which issued on October 19, 1982 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

### **12. Laid-Open Applications**

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.

### **13. 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).

### **10. 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.

2,182,550

### **11. Brevets expirés**

Pour toutes les demandes de brevet déposées avant le 1er octobre 1989, la durée d'un brevet canadien est de 17 ans. Par conséquent, tous les brevets canadiens qui ont été délivrés le 19 octobre 1982 sont maintenant expirés, jusque et y compris le no. 1,134,100. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

### **12. Demandes mises à la disponibilité du public**

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposées 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.

### **13. Langue du document publié**

Toute personne intéressée d'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.



## 14. 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, Vol. I; paragraphs 107-110).

### Patent Cooperation Treaty (PCT)

Copies of the Patent Cooperation Treaty Applicants Guide and the Patent Cooperation Treaty & Regulations are available from WIPO 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 -World Intellectual Property Organization 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 website at <http://www.wipo.int>.

## 14. Avis PCT

### Exigences des signatures du PCT

Veillez 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 - PCT, Vol. I, paragraphes 107-110).

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

Des copies du Guide du déposant - PCT ainsi que du Traité et des Règlements sont disponibles auprès de l'OMPI 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 - Organisation mondiale de la propriété intellectuelle 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>.

## Notices

### 15. Patent Cooperation Treaty (PCT)

### 15. Traité de coopération en matière de brevets (PCT)

#### SCHEDULE OF FEES APPLICABLE AS OF JULY 15, 1999

#### BARÈME DE TAXES À PARTIR DU 15 JUILLET 1999

FEES	AMOUNTS \$
1. <b>Transmittal Fee:</b> (Rule 14)	200.00
2*. <b>Basic Fee:</b> (Rule 15.2(a))	641.00
Amount for each additional sheet over 30	15.00
3. <b>Designation Fee:</b> (Rule 15.2(a))	148.00
The maximum that can be charged for the Designation Fee is \$1,480.00; therefore, if more than 10 countries are designated the fee remains \$1,480.00	

4. **International Search Fee** 1,874.00  
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 Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of 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: Basic Fee

#### Preliminary Examination

6. **Handling Fee:** 289.46 Deutsche Marks  
(Rule 57.2(a)) 148.00 Euro Dollars

7. **Preliminary Examination Fee:** 2,998.29 Deutsche Marks  
(Rule 58) 1,533.00 Euro Dollars

The Preliminary Examination Fees are paid in Deutsche Marks and are payable directly to the European Patent Office in Munich.

\* International fees will be reduced by \$197.00 for all applications filed using PCT-Easy.

TAXES	MONTANTS \$
1. <b>Taxe de transmission:</b> (Règle 14)	200,00
2*. <b>Taxe de base:</b> (Règle 15.2(a))	641,00
Montant pour chaque feuille au delà de 30	15,00
3. <b>Taxe de désignation</b> (par pays) (Règle 15.2(a))	148,00
Le maximum payable pour la taxe de désignation est de 1 480,00 \$; donc, si plus que 10 pays sont désignés, la taxe demeure 1 480,00 \$.	

4. **Taxe de recherche internationale** 1 874,00  
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). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale 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:** 289,46 marks allemands  
(Règle 57.2(a)) 148,00 dollars euro

7. **Taxe d'examen préliminaire:** 2 998,29 marks allemands  
(Règle 58) 1 533,00 dollars euro

Les taxes d'examen préliminaire sont payables directement au Bureau Européen des brevets à Munich en marks allemands.

\*Les frais seront réduits par 197,00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

16. Notice from the Government of Canada

# Information

## AMENDMENTS TO THE PATENTED MEDICINES (NOTICE OF COMPLIANCE) REGULATIONS

OTTAWA, October 1, 1999 – By order of the Governor General in Council, amendments to the *Patented Medicines (Notice of Compliance) Regulations* (the Regulations) came into effect on October 1, 1999.

The Regulations are an integral part of Canada's balanced drug patent policy which provides effective enforcement of patent rights while at the same time ensuring that second entry drugs can enter the market as soon as it is determined that they are not covered by a patent.

The amendments are intended to clarify the law and reaffirm the application of the Regulations.

A proposed regulatory text was prepublished in the *Canada Gazette* on July 31, 1999. The government has conducted an open and transparent consultation process and heard from representatives of all principal stakeholders.

The government remains committed to a policy which ensures that Canadians have access to drugs at reasonable prices and which supports the development of the industry through modern, competitive framework laws that encourage innovation and growth.

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This Information Bulletin, as well as the regulatory amendments, are available from Industry Canada's Strategis site at:

<http://strategis.ic.gc.ca/SSG/ip00001e.html>

For more information:

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(613) 952-0211

16. Avis du Gouvernement du Canada

# Information

## MODIFICATIONS AU RÈGLEMENT SUR LES MÉDICAMENTS BREVETÉS (AVIS DE CONFORMITÉ)

OTTAWA, le 1 octobre 1999 – Par décret du gouverneur général en conseil, les modifications au *Règlement sur les médicaments brevetés (Avis de conformité)* (le Règlement) sont entrées en vigueur le 1 octobre 1999.

Le Règlement fait partie intégrante de la politique canadienne équilibrée en matière de brevets des médicaments, qui prévoit l'application efficace des droits conférés par un brevet tout en garantissant que la deuxième version d'un médicament peut être mise sur le marché dès qu'il a été établi qu'elle ne fait pas l'objet d'un brevet.

Les modifications ont pour but de clarifier la loi et de confirmer l'application du Règlement.

Un projet de règlement a été publié préalablement dans la *Gazette du Canada* le 31 juillet 1999. Le gouvernement a réalisé un processus transparent de consultation et a pris connaissance des commentaires des principaux intéressés.

Le gouvernement est toujours déterminé à conserver une politique qui fait en sorte que les Canadiens peuvent acheter des médicaments à un prix raisonnable et qui soutient le développement de l'industrie grâce à des lois-cadres modernes et concurrentielles stimulant l'innovation et la croissance.

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Le présent bulletin d'information ainsi que les modifications au Règlement sont disponibles sur le site Strategis d'Industrie Canada, à l'adresse :

<http://strategis.ic.gc.ca/SSGF/ip00001f.html>.

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## Notices

### **17. Lay-Open Applications**

The Patent Office Record of October 19, 1999 contains laid-open applications from September 26, 1999 - October 2, 1999.

### **17. Demandes Canadiennes mises à la disponibilité du public**

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 26 septembre 1999 - 2 octobre 1999.

## Avis

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[51] **Int.Cl. 6C07K 16/40 6G01N 33/573**  
[25] EN  
[54] **METHOD OF DIAGNOSIS AND SEVERITY-ASSESSMENT OF HUMAN PANCREATIC DISEASE**  
[54] **METHODE DE DIAGNOSTIC ET D'EVALUATION DE LA GRAVITE D'UNE AFFECTION PANCREATIQUE CHEZ L'HOMME**  
[72] Hermon-Taylor, John, GB  
[72] Austen, Brian Maxwell, GB  
[73] BIOSCIENCE INTERNATIONAL, INC., US  
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[30] US (003728) 1987-01-16

[11] **1,340,792**  
[13] C

[52] 260-242.5 167-219  
[51] **Int.Cl. 6C07D 471/04 6A61K 31/505**  
[25] EN  
[54] **PYRIDO [2, 3-D] PYRIMIDINE DERIVATIVES**  
[54] **DERIVES DE PYRIDO [2, 3-D] PYRIMIDINE**  
[72] Taylor, Edward C., US  
[72] Shih, Chuan, US  
[73] THE TRUSTEES OF PRINCETON UNIVERSITY, US  
[73] ELI LILLY AND COMPANY, US  
[21] **588,042**  
[22] 1989-01-12  
[30] US (156,908) 1988-02-05

[11] **1,340,793**  
[13] C

[52] 260-266.3 260-280.2 260-291 260-291.1 260-297  
[51] **Int.Cl. 6C07D 213/74 6C07D 401/04 6C07F 9/58**  
[25] EN  
[54] **PROCESS FOR PRODUCING 1-SUBSTITUTED ARYL-1-4-DIHYDRO-4-OXONAPHTHYRIDINE DERIVATIVE, INTERMEDIATES THEREFOR AND PROCESSES FOR PRODUCING THE INTERMEDIATES**  
[54] **METHODE DE PREPARATION DE DERIVE DE SUBSTITUTION EN 1 D'ARYL-1, 4-DIHYDRO-4-OXONAPHTHYRIDINE; INTERMEDIAIRES A CETTE FIN ET METHODES DE PRODUCTION POUR CEUX-CI**  
[72] Todo, Yozo, JP  
[72] Yamafuji, Tetsuo, JP  
[72] Nagumo, Katsuyuki, JP  
[72] Kitayama, Isao, JP  
[72] Nagaki, Hideyoshi, JP  
[72] Miyajima, Mikako, JP  
[72] Konishi, Yoshinori, JP  
[72] Narita, Hirokazu, JP  
[72] Takano, Shuntaro, JP  
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[73] TOYAMA CHEMICAL CO, LTD., JP  
[21] **588,370**  
[22] 1989-01-16  
[62] 0,500,107  
[30] JP (9191/85) 1985-01-23  
[30] JP (28397/85) 1985-02-18  
[30] JP (43644/85) 1985-03-07  
[30] JP (69061/85) 1985-04-03  
[30] JP (97065/85) 1985-05-08  
[30] US (129323/85) 1985-06-14

[11] **1,340,791**  
[13] C

[52] 260-251 260-277.7 260-299  
[51] **Int.Cl. 6C07D 487/04**  
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[54] **COPULANT PRODUISANT LA COULEUR MAGENTA**  
[72] Kimura, Keizo, JP  
[72] Sato, Tadahisa, JP  
[73] Fuji Photo Film Co., Ltd., JP  
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[13] C  
[52] 260-242.5 167-220  
[51] **Int.Cl. 6C07D 487/04 6A61K 31/505**  
[25] EN  
[54] **PYRROLOPYRIMIDINE  
DERIVATIVES, THEIR PRODUCTION  
AND USE**  
[54] **DERIVES DE  
PYRROLOPYRIMIDINE; LEUR  
PRODUCTION ET LEUR UTILISATION**  
[72] Akimoto, Hiroshi, JP  
[72] Hitaka, Takenori, JP  
[72] Miwa, Tetsuo, JP  
[73] Takeda Chemical Industries, Ltd., JP  
[21] **594,699**  
[22] 1989-03-23  
[30] JP (071149-1988) 1988-03-24  
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[11] **1,340,795**  
[13] C  
[52] 117-240 26-113 26-118 148-4  
[51] **Int.Cl. 6H01F 1/18 6H01F 27/24  
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[25] EN  
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MAGNETIC CORE**  
[54] **RUBAN ET NOYAU  
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[72] Matsuoka, Takashi, JP  
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[13] C  
[52] 195-1.29 150-8.5 167-202 195-1.12  
[51] **Int.Cl. 6C12N 15/11 6C07H 21/04  
6C12Q 1/68 6A61K 31/70 6A61K 48/00**  
[25] EN  
[54] **ANTISENSE OLIGONUCLEOTIDE  
ANTIBIOTICS COMPLEMENTARY TO  
THE MACROMOLECULAR  
SYNTHESIS OPERON, METHODS OF  
TREATING BACTERIAL INFECTIONS,  
AND METHODS FOR  
IDENTIFICATION OF BACTERIA**  
[54] **ANTIBIOTIQUE  
D'OLIGONUCLEOTIDE ANTISENS,  
COMPLEMENTAIRE A UN OPERON  
DE SYNTHESE  
MACROMOLECULAIRE; METHODES  
POUR TRAITER LES INFECTIONS  
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D'IDENTIFICATION DE BACTERIES**  
[72] Lupski, James R., US  
[73] BAYLOR COLLEGE OF MEDICINE,  
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[22] 1989-07-05  
[30] US (07/215,135) 1988-07-05

[11] **1,340,797**  
[13] C  
[52] 167-199 167-308  
[51] **Int.Cl. 6A61K 7/06**  
[25] FR  
[54] **COMPOSITION A BASE  
D'ALKYLPOLYGLYCOSIDE ET D'UN  
DERIVE DE PYRIMIDINE POUR LE  
TRAITEMENT DE L'ALOPECIE**  
[54] **COMPOSITION CONTAINING AN  
ALKYLPOLYGLYCOSIDE AND A  
PYRIMIDINE DERIVATIVE FOR THE  
TREATMENT OF ALOPECIA**  
[72] Grollier, Jean-Francois, FR  
[73] L'OREAL, FR  
[21] **609,329**  
[22] 1989-08-24  
[30] LU (87.323) 1988-08-25

[11] **2,003,523**  
[13] C  
[51] **Int.Cl. 6B61K 3/02**  
[25] EN  
[54] **INTELLIGENT ON-BOARD RAIL  
LUBRICATION SYSTEM FOR CURVED  
AND TANGENT TRACK**  
[54] **SYSTEME DE LUBRIFICATION  
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VOIES COURBES ET EN ALIGNEMENT**  
[72] Kumar, Sudhir, US  
[72] Kumar, Shiv Raj, US  
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[22] 1989-11-21  
[30] US (274,326) 1988-11-21

[11] **2,003,524**  
[13] C  
[51] **Int.Cl. 6A61K 31/135**  
[25] EN  
[54] **TREATMENT OF OBESITY**  
[54] **TRAITEMENT DE L'OBESITE**  
[72] Scheinbaum, Monte Lee, US  
[73] Knoll AG, DE  
[22] 1989-11-21  
[30] US (07/277240) 1988-11-29

[11] **2,005,527**  
[13] C  
[51] **Int.Cl. 6B23P 15/02 6B22D 23/00**  
[25] EN  
[54] **FABRICATION OF COMPONENTS  
BY LAYERED DEPOSITION**  
[54] **FABRICATION D'ELEMENTS PAR  
DEPOSITION MULTICOUCHE**  
[72] Pratt, Vanon David, US  
[72] Scheidt, Wilbur Douglas, US  
[72] Whitney, Eric James, US  
[73] General Electric Company, US  
[22] 1989-12-14  
[30] US (307,795) 1989-02-08

[11] **2,006,936**  
[13] C  
[51] **Int.Cl. 6G06F 13/362**  
[25] FR  
[54] **PROCEDE DE DEBLOCAGE D'UN  
SYSTEME MULTIPROCESSEURS  
MULTIBUS**  
[54] **METHOD FOR UNBLOCKING A  
MULTIBUS MULTIPROCESSOR  
SYSTEM**  
[72] Lallement, Philippe, FR  
[73] Alcatel Cit, FR  
[22] 1989-12-29  
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[13] C

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[25] EN  
[54] **BALL VALVE**  
[54] **SOUPAPGE A BOULET**  
[72] Christopherson, Rollin F., US  
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[22] 1990-03-01  
[30] US (318,342) 1989-03-03

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[11] **2,012,538**  
[13] C

[51] **Int.Cl. 6B32B 27/08 6B29C 55/02 6B29C 47/04**  
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[54] **PACKAGING FILM**  
[54] **PELLICULE D'EMBALLAGE**  
[72] Fornasiero, Tito Antonio, IT  
[72] Parnell, Colin Douglas, IT  
[73] CRYOVAC, INC., US  
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[30] GB (8912202.2) 1989-05-26

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[11] **2,012,929**  
[13] C

[51] **Int.Cl. 6H05B 41/36**  
[25] EN  
[54] **LAMP STARTING CIRCUIT**  
[54] **CIRCUIT D'AMORCAGE POUR LAMPES**  
[72] Flory, Isaac L. IV, US  
[72] Nuckolls Joe A., US  
[73] Hubbell Incorporated, US  
[22] 1990-03-23  
[30] US (374,068) 1989-06-30

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[13] C

[51] **Int.Cl. 6B29C 39/12 6B32B 27/00 6B29D 9/00 6B32B 7/12**  
[25] EN  
[54] **MOLDED ARTICLE ADAPTED TO BE ADHERED TO A SUBSTRATE AND METHOD FOR MAKING SAME**  
[54] **ARTICLE MONTE APROPRIETES ADHESIVES ET METHODE DE FABRICATION**  
[72] Janssen, Jeffrey R., US  
[72] Hill, Barbara A., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[22] 1990-04-11  
[30] US (336,855) 1989-04-12

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[11] **2,014,883**  
[13] C

[51] **Int.Cl. 6B26B 21/40 6B26B 21/48**  
[25] EN  
[54] **SHAVING INSTRUMENT WITH HIGH ENERGY BEAM INDUCED MICROSTRETCH ELEMENT**  
[54] **INSTRUMENT DE RASAGE DOTE D'UN ELEMENT MICROSTRETCH INDUIT PAR UN FAISCEAU HAUTEMENT ENERGETIQUE**  
[72] Schächter, Friedrich, AT  
[73] Schächter, Friedrich, AT  
[22] 1990-04-19  
[30] US (07/348,630) 1989-05-08

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[11] **2,018,259**  
[13] C

[51] **Int.Cl. 6G01R 21/06 6G01R 1/30**  
[25] EN  
[54] **INPUT CIRCUIT FOR AN ELECTRICAL ENERGY METER**  
[54] **CIRCUIT D'ENTREE POUR COMPTEUR D'ENERGIE ELECTRIQUE**  
[72] Gourc, René, FR  
[72] Carnel, Alain, FR  
[72] Kodras, Rudolph, AT  
[73] SCHLUMBERGER INDUSTRIES, FR  
[22] 1990-06-05  
[30] FR (89/07998) 1989-06-16

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[11] **2,022,710**  
[13] C

[51] **Int.Cl. 6B21J 15/38 6B21J 15/04**  
[25] EN  
[54] **METHOD OF ATTACHING A SELF-PIERCING AND RIVETING FASTENER AND IMPROVED DIE MEMBER**  
[54] **METHODE DE FIXATION D'UNE ATTACHE AUTOTARAUDEUSE ET A RIVET ET ENCLUME PERFECTIONNEE**  
[72] Ladouceur, Harold A., US  
[73] Multifastener Corporation, US  
[22] 1990-08-03  
[30] US (464,813) 1990-01-16

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[11] **2,022,715**  
[13] C

[51] **Int.Cl. 6F16B 19/04 6F16B 19/06 6F16B 39/282**  
[25] EN  
[54] **RIVETING FASTENER WITH IMPROVED TORQUE RESISTANCE**  
[54] **ATTACHE A RIVET AVEC RESISTANCE A LA TORSION AMELIOREE**  
[72] Ladouceur, Harold A., US  
[73] Multifastener Corporation, US  
[22] 1990-08-03  
[30] US (489,437) 1990-03-06

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[11] **2,022,895**  
[13] C

[51] **Int.Cl. 6G03G 9/093 6G03G 9/087 6G03G 9/09 6G03G 15/24**  
[25] EN  
[54] **ENCAPSULATED TONER COMPOSITIONS**  
[54] **TONERS ENCAPSULES**  
[72] Sacripante, Guerino, CA  
[72] Ong, Beng S., CA  
[73] XEROX CORPORATION, US  
[22] 1990-08-08  
[30] US (402306) 1989-09-05

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[11] **2,023,032**  
[13] C

[51] **Int.Cl. 6C25B 11/20 6C25B 13/04 6C08J 9/28 6B01D 71/36**  
[25] FR  
[54] **DIAPHRAGME, ASSOCIATION D'UN TEL DIAPHRAGME A UN ELEMENT CATHODIQUE ET LEUR PROCEDE D'OBTENTION**  
[54] **DIAPHRAGM, ASSOCIATION OF SAID DIAPHRAGM WITH A CATTIODIC ELEMENT, AND METHOD OF PRODUCTION THEREFOR**  
[72] BACHOT, Jean, FR  
[72] Stutzmann, Pascal, FR  
[73] Rhone-Poulenc Chimie, FR  
[22] 1990-08-09  
[30] FR (89 10 938) 1989-08-10



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[11] 2,023,122  
[13] C

[51] Int.Cl. 6C09D 5/03 6C09D 163/00  
6C09D 177/00 6C08L 63/00 6C08L 77/00  
6B05D 7/16

[25] FR  
[54] COMPOSITIONS  
THERMOPLASTIQUES EN POUDRE A  
BASE DE POLYAMIDE ET/OU DE  
POLYETHERESTERAMIDE LEUR  
PROCEDE DE PREPARATION ET  
LEUR UTILISATION POUR LE  
REVETEMENT DE SUBSTRATS  
METALLIQUES

[54] POLYAMIDE AND/OR  
POLYETHERESTERAMIDE POWDERY  
THERMOPLASTIC COMPOSITIONS;  
PROCESS FOR PREPARING THE SAME  
AND THEIR USE FOR COATING  
METALLIC SUBSTRATES

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[72] Perraud, Eric, FR  
[72] Merval, Jean-Paul, FR  
[73] ATOCHEM, FR  
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[30] FR (89 10 832) 1989-08-11

[11] 2,023,131  
[13] C

[51] Int.Cl. 6H01B 13/00

[25] EN

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[54] FABRICATION DE FAISCEAU DE  
CABLAGE

[72] Vazquez, Manuel Arevalo, ES  
[72] Aligué, Jordi Casas, ES  
[72] Vidal Verge, Ramon M., ES  
[72] Hernandez, Jaime Ulloa, ES  
[72] Vives, Jordi Bigorra, ES  
[73] MECANISMOS AUXILIARES  
INDUSTRIALES, S.A., ES  
[22] 1990-08-10  
[30] US (07/395,384) 1989-08-17  
[30] US (07/395,378) 1989-08-17  
[30] US (07/395,374) 1989-08-17  
[30] US (07/395,373) 1989-08-17  
[30] US (07/395,372) 1989-08-17

[11] 2,024,612  
[13] C

[51] Int.Cl. 6A61K 31/57 6A61K 9/06

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OINTMENTS  
[54] ONGUENTS CONTENANT DES  
CORTISOSTEROIDES

[72] Kaneko, Tetsuo, JP  
[72] Narui, Takashi, JP  
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[22] 1990-09-05

[11] 2,028,340  
[13] C

[51] Int.Cl. 6H04N 7/18

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[54] REFERENCE SYSTEM FOR  
TRACK WORKING MACHINE  
[54] SYSTEME DE REFERENCE POUR  
APPAREIL DE TRAVAIL SUR VOIE

[72] Theurer, Josef, AT  
[73] FRANZ PLASSER  
BAHBBAUMASCHINEN-  
INDUSTRIEGESELLSCHAFT MBH, AT  
[22] 1990-10-23  
[30] AT (2466/89) 1989-10-25

[11] 2,030,282  
[13] C

[51] Int.Cl. 6C05F 9/04 6C05F 17/00

[25] EN

[54] PROCESS FOR PREPARING  
ORGANIC COMPOST FROM  
MUNICIPAL REFUSE

[54] PROCEDE DE PREPARATION DE  
COMPOST ORGANIQUE A PARTIR DE  
DECHETS MUNICIPAUX  
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[73] Glogowski, Mark E., US  
[22] 1990-11-19

[11] 2,030,303  
[13] C

[51] Int.Cl. 6B01J 35/06

[25] EN

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ELEMENT  
[54] FAISCEAU DE FIBRES A AME  
CREUSE

[72] Pan, Chuen Yong, CA  
[72] McMinis, Curtis William, CA  
[73] Pan, Chuen Yong, CA  
[73] McMinis, Curtis William, CA  
[22] 1990-11-20

[11] 2,030,529  
[13] C

[51] Int.Cl. 6C12N 1/20 6C12P 13/04  
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[25] EN

[54] PRODUCTION OF AMINO ACIDS  
BY METHYLOTROPHIC BACILLUS  
[54] PRODUCTION D'ACIDES AMINES  
PAR UN BACILLE  
METHYLOTROPHIQUE

[72] Hanson, Richard S., US  
[72] Flickinger, Michael C., US  
[72] Schendel, Frederick J., US  
[72] Guettler, Michael V., US  
[73] Regents of the University of Minnesota,  
US  
[85] 1990-12-03  
[86] 1990-04-09 (PCT/US90/01908)  
[87] (WO90/12105)  
[30] US (335,691) 1989-04-10  
[30] US (351,436) 1989-05-12

[11] 2,032,801  
[13] C

[51] Int.Cl. 5G01R 1/08 5G01R 5/02

[25] EN

[54] MOUNTING OF A POINTER TO  
THE ROTOR OF AN AIR CORE METER  
[54] MONTAGE D'UNE AIGUILLE SUR  
LE ROTOR D'UN INSTRUMENT DE  
MESURE A NOYAU D'AIR

[72] Dannenberg, Robert D., US  
[73] Navistar International Transportation  
Corp., US  
[22] 1990-12-20  
[30] US (604,832) 1990-10-29

[11] 2,033,765  
[13] C

[51] Int.Cl. 6A61N 1/365

[25] EN

[54] VARIATION IN CARDIAC  
CHAMBER VOLUME OR PRESSURE  
AS A CONTROLLING PARAMETER  
[54] VARIATION DE VOLUME OU DE  
PRESSION DANS LES CAVITES DU  
COEUR COMME PARAMETRE DE  
CONTROLE

[72] Pederson, Brian D., US  
[72] Salo, Rodney W., US  
[73] Cardiac Pacemakers, Inc., US  
[22] 1991-01-08  
[30] US (07/490,392) 1990-03-08

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[13] C

[51] **Int.Cl. 6E01B 27/16**  
[25] EN  
[54] **CONTINUOUS ACTION MACHINE FOR COMPACTING BALLAST**  
[54] **MACHINE DE BOURRAGE DE BALLAST A ACTION CONTINUE**  
[72] Theurer, Josef, AT  
[73] FRANZ PLASSER  
BAHNBAUMASCHINEN-  
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[22] 1991-01-09  
[30] AT (A 250/90) 1990-02-06

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[11] **2,035,903**  
[13] C

[51] **Int.Cl. 6A61F 2/02**  
[25] FR  
[54] **PROTHESIS FOR PREVENTING THE GASTRIC REFLUX IN THE OESOPHAGUS**  
[54] **PROTHESE POUR PREVENIR LE REFLUX GASTRIQUE DANS L'OESOPHAGE**  
[72] Godin, Norman, CH  
[73] BIOMEDIX S.A., CH  
[85] 1991-03-06  
[86] 1990-07-16 (PCT/CH90/00171)  
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[30] CH (2703/89-2) 1989-07-20

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[11] **2,039,480**  
[13] C

[51] **Int.Cl. 6H04Q 3/42 6H04L 12/56**  
[25] EN  
[54] **DIGITAL DATA PACKET SWITCHING MODULE FOR ALLOCATING EMPTY PACKETS TO A CROSSPOINT SWITCH**  
[54] **MODULE DE COMMUTATION DE PAQUETS DE DONNEES NUMERIQUES POUR AFFECTER LES PAQUETS VIDES A UN COMMUTEUR DE CROISEMENT**  
[72] Sennema, Ronald T., NL  
[72] Weldink, Eric, NL  
[72] Kowalk, Wolfgang, DE  
[73] KONINKLIJKE PHILIPS  
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B.V., NL  
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[11] **2,039,700**  
[13] C

[51] **Int.Cl. 6G11B 7/00 6G11B 7/007 6G11B 11/10**  
[25] EN  
[54] **APPARATUS FOR REPRODUCING RECORDED DATA AND SELECTIVELY EITHER OF READ-ONLY OR RECORDED SYNCHRONIZATION INFORMATION FROM A MAGNETO-OPTICAL RECORDING MEDIUM**  
[54] **SUPPORT D'ENREGISTREMENT OPTIQUE ET METHODES D'ENREGISTREMENT ET DE LECTURE D'INFORMATIONS**  
[72] Yamagami, Tamotsu, JP  
[72] Sako, Yoichiro, JP  
[72] Yamamoto, Masanobu, JP  
[73] Sony Corporation, JP  
[85] 1991-04-24  
[86] 1990-08-22 (PCT/JP90/01072)  
[87] (WO91/03046)  
[30] JP (P1-219413) 1989-08-25  
[30] JP (P1-225314) 1989-08-31  
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[11] **2,039,737**  
[13] C

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[25] EN  
[54] **OPTICAL RECORDING MEDIUM AND INFORMATION RECORDING APPARATUS**  
[54] **SUPPORT D'ENREGISTREMENT OPTIQUE ET APPAREIL D'ENREGISTREMENT D'INFORMATIONS**  
[72] Yamagami, Tamotsu, JP  
[72] Sako, Yoichiro, JP  
[73] Sony Corporation, JP  
[85] 1991-04-24  
[86] 1990-08-22 (PCT/JP90/01071)  
[87] (WO91/03045)  
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[13] C

[51] **Int.Cl. 6B65D 41/34 6B65D 55/08**  
[25] EN  
[54] **METAL SCREW CLOSURES FOR PACKAGING CONTAINERS**  
[54] **FERMETURES METALLIQUES A VISSER POUR CONTENANTS D'EMBALLAGES**  
[72] Collins, Malcolm George, GB  
[73] CarnaudMetalbox plc, GB  
[22] 1991-04-05  
[30] GB (9007868.4) 1990-04-06  
[30] GB (9012688.9) 1990-06-07

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[11] **2,040,913**  
[13] C

[51] **Int.Cl. 6G01N 33/543 6G01N 33/558**  
[25] EN  
[54] **METHOD AND ELEMENT FOR MEASURING ANALYTES IN BIOLOGICAL FLUIDS USING IMMOBILIZED BINDER-ANALYTE LABELED COMPLEX**  
[54] **METHODE ET ELEMENT PERMETTANT DE MESURER LES SUBSTANCES A ANALYSER DANS LES LIQUIDES BIOLOGIQUES FAISANT APPEL A UN COMPLEXE FORME D'UN LIANT IMMOBILISE ET DE LA SUBSTANCE A ANALYSER MARQUEE**  
[72] El Shami, A. Said, US  
[72] Hand, Christopher W., GB  
[72] Miller, Susan A., GB  
[72] Moore, Robert A., GB  
[73] Diagnostic Products Corporation, US  
[22] 1991-04-22

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[11] **2,045,527**  
[13] C

[51] **Int.Cl. 6B29C 65/68 6B29C 65/00**  
[25] EN  
[54] **METHOD OF JOINING HOLLOW PLASTICS MEMBERS BY FUSION**  
[54] **METHODE D'ASSEMBLAGE PAR FUSION D'ELEMENTS CREUX EN PLASTIQUE**  
[72] Stafford, Trevor George, GB  
[73] BG PLC, GB  
[85] 1991-07-10  
[86] 1990-11-21 (PCT/GB90/01793)  
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[13] C

[51] Int.Cl. 6G01N 33/52 6G01N 33/533  
6G01N 33/546 6G01N 33/553 6C12Q 1/68  
[25] EN  
[54] MAGNETICALLY RESPONSIVE  
FLUORESCENT POLYMER  
PARTICLES AND APPLICATION  
THEREOF  
[54] PARTICULES DE POLYMERES  
FLUORESCENT REACTION  
MAGNETIQUE ET APPLICATION  
CONNEXE  
[72] Wang, Chao-Huei J., US  
[72] Shah, Dinesh O., US  
[73] DADE INTERNATIONAL INC., US  
[85] 1991-08-09  
[86] 1990-12-12 (PCT/US90/07369)  
[87] (WO91/09141)  
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[30] US (451,494) 1989-12-14  
[30] US (452,099) 1989-12-14

[11] 2,047,648  
[13] C

[51] Int.Cl. 6E01B 29/24  
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[54] DISPOSITIF D'AJUSTEMENT DES  
ELEMENTS D'ANCRAGE A DOUBLE  
TETE  
[72] Almaraz, Roberto, US  
[72] Gustin, David R., US  
[72] Rhodes, Ronald L., US  
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[73] Racine Railroad Products, Inc., US  
[22] 1991-07-24  
[30] US (573,496) 1990-08-27

[11] 2,048,154  
[13] C

[51] Int.Cl. 6A23J 1/20 6A23C 21/00  
[25] EN  
[54] METHOD FOR PREPARING A  
TRANSPARENT ADJUSTED MILK  
WHEY PROTEIN AND AN ADJUSTED  
MILK WHEY PROTEIN PRODUCT  
[54] MODE DE PREPARATION D'UNE  
PROTEINE DE LACTOSERUM  
TRANSPARENTE A PH RAJUSTE ET  
D'UNE COMPOSITION PROTEIQUE  
DE LACTOSERUM A PH RAJUSTE  
[72] Kinekawa, Yohichi, JP  
[72] Kitabatake, Naofumi, JP  
[72] Doi, Etsushiro, JP  
[73] Daiichi Kasei Co., Ltd., JP  
[22] 1991-07-30  
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[11] 2,048,231  
[13] C

[51] Int.Cl. 6G05D 3/10 6A47B 53/02  
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DETECTOR  
[54] DETECTEUR PHOTO-  
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[72] Dahnert, Dean L., US  
[73] Spacesaver Corporation, US  
[22] 1991-07-31  
[30] US (07/697,307) 1991-05-08

[11] 2,049,230  
[13] C

[51] Int.Cl. 6C07D 417/04 6C07D 417/14  
6G01N 31/22 6G01N 33/52  
[25] EN  
[54] 2-BENZOTHIAZOLYL  
TETRAZOLIUM SALT INDICATORS  
[54] INDICATEURS A BASE DE SEL DE  
2-BENZOTHIAZOLYL TETRAZOLIUM  
[72] Hatch, Robert P., US  
[72] Lin, N-H., US  
[72] Ruetten, Scott, US  
[73] BAYER CORPORATION, US  
[22] 1991-08-15  
[30] US (584,902) 1990-09-19

[11] 2,049,237  
[13] C

[51] Int.Cl. 6C07D 417/04 6C07D 417/14  
6G01N 31/22 6G01N 33/52  
[25] EN  
[54] 2-THIAZOLYL TETRAZOLIUM  
SALT INDICATORS  
[54] INDICATEURS A BASE DE SEL DE  
2-THIAZOLYL TETRAZOLIUM  
[72] Beck, Gunther, DE  
[72] Köcher, Jürgen, DE  
[72] Wehling, Klaus, DE  
[73] BAYER CORPORATION, US  
[22] 1991-08-15  
[30] US (585,650) 1990-09-19

[11] 2,050,878  
[13] C

[51] Int.Cl. 6H03F 3/21 6H03F 1/22  
6H03G 3/30  
[25] EN  
[54] POWER AMPLIFIER WITH  
QUIESCENT CURRENT CONTROL  
[54] AMPLIFICATEUR DE PUISSANCE  
A COMMANDE DU COURANT DE  
REPOS  
[72] Molnar, Gerald, CA  
[73] Mitel Corporation, CA  
[22] 1991-09-06

[11] 2,056,348  
[13] C

[51] Int.Cl. 6G03G 9/087 6G03G 9/09  
6G03G 13/20  
[25] EN  
[54] TONER FOR DEVELOPING  
ELECTROSTATIC IMAGE AND  
FIXING METHOD  
[54] TONER DE DEVELOPPEMENT  
D'IMAGES ELECTROSTATIQUES ET  
METHODE DE FIXATION  
[72] Tanikawa, Hirohide, JP  
[72] Uchiyama, Masaki, JP  
[72] Joh, Yoshinobu, JP  
[72] Akashi, Yasutaka, JP  
[72] Taya, Masaaki, JP  
[72] Unno, Makoto, JP  
[73] Canon Kabushiki Kaisha, JP  
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[30] JP (332691/1990) 1990-11-29

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[13] C

[51] **Int.Cl. 6B05D 5/08 6G02B 1/10 6C03C 17/30**  
[25] EN  
[54] **TRANSPARENT SUBSTRATE AND METHOD OF MANUFACTURING THE SAME**  
[54] **SUBSTRAT TRANSPARENT ET METHODE DE FABRICATION**  
[72] Ogawa, Kazufumi, JP  
[72] Mino, Norihisa, JP  
[72] Soga, Mamoru, JP  
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1991-12-23  
[30] JP (405755/1990) 1990-12-25  
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[13] C

[51] **Int.Cl. 6A61L 2/18 6G02C 13/00**  
[25] EN  
[54] **CONTACT LENS DISINFECTING SYSTEM**  
[54] **SYSTEME DE DESINFECTION DES LENTILLES CORNEENNES**  
[72] Loshak, Samuel, US  
[72] Singer, Helmut, US  
[73] SCHERING CORPORATION, US  
[85] 1992-01-31  
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[87] (WO91/01763)  
[30] US (388,194) 1989-08-01

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[11] **2,065,369**  
[13] C

[51] **Int.Cl. 6D21F 5/08**  
[25] EN  
[54] **SUPPORT STRUCTURE FOR THE FASTENING OF A STEAM CHEST**  
[54] **SUPPORT DE FIXATION DE BOITE A VAPEUR**  
[72] Partio, Martti Ensio Olavi, FI  
[73] Deublin Italiana S.R.L., IT  
[85] 1992-02-21  
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[87] (WO91/04373)  
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[13] C

[51] **Int.Cl. 6F16L 1/26 6F16L 55/18**  
[25] EN  
[54] **METHOD AND APPARATUS FOR POSITIONING COMPONENTS**  
[54] **APPAREIL SERVANT A POSITIONNER LES COMPOSANTS ET METHODE CONNEXE**  
[72] Jude, Dennis William, GB  
[73] BG PLC, GB  
[85] 1992-03-31  
[86] 1991-08-20 (PCT/GB91/01412)  
[87] (WO92/03680)  
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[13] C

[51] **Int.Cl. 6G11B 9/00**  
[25] EN  
[54] **MULTIPLE PROBE ELECTRODE ARRANGEMENT FOR SCANNING TUNNELLING MICROSCOPE RECORDING AND READING**  
[54] **ELECTRODE A SONDES MULTIPLES POUR L'ENREGISTREMENT ET LA LECTURE D'INFORMATIONS SAISIES PAR UN MICROSCOPE A EFFET TUNNEL**  
[72] Takimoto, Kiyoshi, JP  
[72] Miyazaki, Toshihiko, JP  
[72] Sakai, Kunihiro, JP  
[72] Kuroda, Ryo, JP  
[73] Canon Kabushiki Kaisha, JP  
[22] 1992-07-15  
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[30] JP (3-194124) 1991-08-02  
[30] JP (3-194126) 1991-08-02  
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[30] JP (4-9282) 1992-01-22

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[13] C

[51] **Int.Cl. 6F16B 12/20 6F16B 17/00**  
[25] FR  
[54] **ELEMENT POUR L'ASSEMBLAGE DE PIECES EN BOIS**  
[54] **ELEMENT FOR WOOD PIECE ASSEMBLY**  
[72] Preziosa, Christian, FR  
[73] Preziosa, Christian, FR  
[22] 1992-08-07  
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[13] C

[51] **Int.Cl. 6G11B 17/10 6G11B 17/08**  
[25] EN  
[54] **LASER DISK PLAYER**  
[54] **LECTEUR DE DISQUE OPTIQUE**  
[72] Lee, Chung Geu, KR  
[73] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 1992-08-12  
[30] KR (91-23948) 1991-12-23

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[11] **2,076,841**  
[13] C

[51] **Int.Cl. 6G03G 9/097 6G03G 13/01**  
[25] EN  
[54] **ELECTROSTATIC DEVELOPING COMPOSITION AND PROCESS**  
[54] **SUBSTANCE ET METHODE DE DEVELOPPEMENT ELECTROSTATIQUE**  
[72] Jugle, Don B., US  
[72] Grande, Michael L., US  
[72] Gutman, Edward J., US  
[72] Lundy, Douglas A., US  
[72] Zimmer, Charles D., US  
[73] XEROX CORPORATION, US  
[22] 1992-08-25  
[30] US (755,915) 1991-09-06

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[11] **2,077,192**  
[13] C

[51] **Int.Cl. 5C08K 5/02 5D01D 5/11**  
[25] EN  
[54] **HALOCARBONS FOR FLASH-SPINNING POLYETHYLENE PLEXIFILAMENTS**  
[54] **HALOCARBURES POUR LA PRODUCTION PAR FILAGE ECLAIR DE PLEXIFILAMENTS DE POLYETHYLENE**  
[72] Shin, Hyunkook, US  
[73] DU PONT (E. I.) DE NEMOURS AND COMPANY, US  
[85] 1992-08-28  
[86] 1990-02-26 (PCT/US90/00875)  
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[13] C

[51] **Int.Cl. 6G03G 9/093**  
[25] EN  
[54] **LOW GLOSS TONER  
COMPOSITIONS AND PROCESSES  
THEREOF**  
[54] **TONERS PEU LUSTRES ET LEURS  
METHODES DE FABRICATION**  
[72] Sacripante, Guerino G., CA  
[72] Patel, Raj D., CA  
[72] Kmiecik-Lawrynowicz, Grazyna, CA  
[72] Tan, Hock S., CA  
[72] Mychajlowski, Walter, CA  
[73] XEROX CORPORATION, US  
[22] 1992-09-09  
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[11] **2,080,135**  
[13] C

[51] **Int.Cl. 6E06C 1/12**  
[25] EN  
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[54] **ECHELLE TELESCOPABLE**  
[72] Weston, James Thomas, GB  
[72] Weston, Richard, GB  
[73] McDonnell, Charles A., US  
[73] Fitzgerald, Fergus R., IE  
[85] 1992-10-07  
[86] 1991-04-10 (PCT/GB91/00565)  
[87] (WO91/15651)  
[30] GB (9008092.0) 1990-04-10  
[30] GB (9010990.1) 1990-05-16  
[30] GB (9026295.7) 1990-12-04

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[11] **2,082,354**  
[13] C

[51] **Int.Cl. 6G03G 15/16 6G03G 13/16  
6G03G 15/22**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
EXTENDING MATERIAL LIFE IN A  
BIAS TRANSFER ROLL**  
[54] **METHODE ET DISPOSITIF POUR  
ACCROITRE LA DUREE MATERIELLE  
D'UN CYLINDRE DE TRANSFERT DE  
POLARISATION**  
[72] Gross, Robert A., US  
[72] Pietrowski, Kenneth W., US  
[73] XEROX CORPORATION, US  
[22] 1992-11-06  
[30] US (789506) 1991-11-08

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[11] **2,091,085**  
[13] C

[51] **Int.Cl. 6H04L 12/40 6G05D 3/20**  
[25] EN  
[54] **FLEXIBLE COMMUNICATION  
ARCHITECTURE FOR MOTION  
CONTROL SYSTEM**  
[54] **ARCHITECTURE DE  
COMMUNICATION SOUPLE POUR  
CONTROLEUR DE MOUVEMENT**  
[72] Di Giulio, Peter C., US  
[72] Lee, David K., US  
[72] Riley, David W., US  
[72] Ryan, Frederick W., Jr., US  
[73] Pitney Bowes Inc., US  
[22] 1993-03-05  
[30] US (847,542) 1992-03-06

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[11] **2,093,817**  
[13] C

[51] **Int.Cl. 6H04N 3/233 6G09B 9/08  
6H04N 5/74**  
[25] EN  
[54] **DYNAMIC DISTORTION  
CORRECTION APPARATUS AND  
METHOD**  
[54] **DISPOSITIF ET METHODE DE  
CORRECTION DYNAMIQUE DE  
DISTORSIONS**  
[72] Ansley, David A., US  
[73] RAYTHEON COMPANY, US  
[85] 1993-04-08  
[86] 1992-08-03 (PCT/US92/06527)  
[87] (WO93/05609)  
[30] US (759,015) 1991-09-12

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[11] **2,095,392**  
[13] C

[51] **Int.Cl. 6G01N 27/409**  
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[54] **HARSH ENVIRONMENT O2  
SENSOR**  
[54] **CAPTEUR D'OXYGENE POUR  
ENVIRONNEMENT HOSTILE**  
[72] Hall, George R., US  
[72] Barnett, Daniel C., US  
[72] Smith, Robert A., US  
[72] Jewett, Scotty Y., US  
[73] Elsag International B.V., NL  
[22] 1993-05-03  
[30] US (906,713) 1992-06-30

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[11] **2,098,722**  
[13] C

[51] **Int.Cl. 5F16L 55/00**  
[25] EN  
[54] **COUPLING APPARATUS**  
[54] **DISPOSITIF D'ACCOUPLLEMENT  
MECANIQUE**  
[72] LaFleur, Karl K., US  
[72] Wade, Donald R., US  
[73] LaFleur Petroleum Services, Inc., US  
[85] 1993-06-17  
[86] 1991-12-18 (PCT/US91/09596)  
[87] (WO92/11486)  
[30] US (07/629,542) 1990-12-18

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[11] **2,104,279**  
[13] C

[51] **Int.Cl. 5F02M 19/00**  
[25] EN  
[54] **BALANCE VENT FOR AN  
INTERNALLY VENTED FLOAT BOWL  
CARBURETOR**  
[54] **PRISE D'AIR POUR  
CARBURATEUR A CUVE A NIVEAU  
CONSTANT ET A VENTILATION  
INTERIEURE**  
[72] Ditter, Stephen D., US  
[73] Tecumseh Products Company, US  
[22] 1993-08-17  
[30] US (07/930,899) 1992-08-17

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[11] **2,109,848**  
[13] C

[51] **Int.Cl. 6B05B 7/14 6B05B 7/04 6E04F  
21/08**  
[25] EN  
[54] **METHOD FOR APPLYING A  
FOAMED FIBER INSULATION**  
[54] **METHODE DE MISE EN OEUVRE  
D'UN ISOLANT EN FIBRES MOUSSE  
EN PLACE**  
[72] Sperber, Henry, US  
[73] Sperber, Henry, US  
[85] 1993-11-23  
[86] 1992-08-11 (PCT/US92/06690)  
[87] (WO93/03854)  
[30] US (07/744,367) 1991-08-13  
[30] US (07/875,623) 1992-04-28

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[11] **2,112,768**  
[13] C

[51] **Int.Cl. 6G03G 9/08**  
[25] EN  
[54] **MONOMODAL, MONODISPERSE  
TONER COMPOSITIONS AND  
IMAGING PROCESSES THEREOF**  
[54] **TONERS MONOMODE  
MONODISPERSES ET PROCESSUS  
D'IMAGERIE LES UTILISANT**  
[72] Fuller, Timothy J., US  
[72] Mosher, Ralph A., US  
[72] Van Laeken, Anita C., US  
[73] XEROX CORPORATION, US  
[22] 1994-01-04  
[30] US (000,078) 1993-01-04

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[11] **2,113,499**  
[13] C

[51] **Int.Cl. 6B41J 2/195 6B41J 2/185**  
[25] EN  
[54] **INK JET RECORDING  
APPARATUS PROVIDED WITH MEANS  
FOR CALCULATING WASTE INK  
AMOUNT, AND INFORMATION  
PROCESSING SYSTEM PROVIDED  
WITH SUCH AN INK JET RECORDING  
APPARATUS**  
[54] **APPAREIL D'IMPRESSION A JET  
D'ENCRE COMPRENANT UN  
DISPOSITIF SERVANT A MESURER  
LES QUANTITES D'ENCRE USEE ET  
SYSTEME DE TRAITEMENT DE  
L'INFORMATION DOTE D'UN TEL  
APPAREIL**  
[72] Uchikata, Yoshio, JP  
[72] Iwata, Kazuya, JP  
[73] Canon Kabushiki Kaisha, JP  
[22] 1994-01-14  
[30] JP (5-006923) 1993-01-19  
[30] JP (5-007052) 1993-01-19

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[11] **2,114,058**  
[13] C

[51] **Int.Cl. 6B60S 1/38**  
[25] EN  
[54] **HEATED WIPER BLADE  
LAME D'ESSUIE-GLACE  
CHAUFFEE**  
[72] Holland, Dewey T., US  
[73] Holland, Dewey T., US  
[22] 1994-01-24  
[30] US (014,320) 1993-02-05

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[11] **2,114,400**  
[13] C

[51] **Int.Cl. 6B61F 5/38 6B61F 5/18**  
[25] EN  
[54] **UNDERCARRIAGE FOR  
RAILWAY CAR**  
[54] **CHASSIS DE VOITURE  
FERROVIAIRE**  
[72] Pees, Ernst, DE  
[72] Schaller, Hans-Dieter, DE  
[73] SIEMENS  
[73] SCHIENENFAHRZEUGTECHNIK GmbH,  
DE  
[22] 1994-01-27

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[11] **2,119,689**  
[13] C

[51] **Int.Cl. 6G03G 9/083**  
[25] EN  
[54] **MAGNETIC TONER FOR  
DEVELOPING ELECTROSTATIC  
IMAGE**  
[54] **TONER MAGNETIQUE POUR LE  
DEVELOPPEMENT D'IMAGES  
ELECTROSTATIQUES**  
[72] Tanaka, Katsuhiko, JP  
[72] Nagatsuka, Takayuki, JP  
[72] Doi, Rika, JP  
[73] Canon Kabushiki Kaisha, JP  
[22] 1994-03-23  
[30] JP (5-89475) 1993-03-25

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[11] **2,119,974**  
[13] C

[51] **Int.Cl. 6C12N 15/12 6C12N 5/18  
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6C07K 14/705**  
[25] EN  
[54] **HUMAN CELL ADHESION  
MOLECULE AND NUCLEIC ACID  
SEQUENCES**  
[54] **MOLECULE D'ADHESION  
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[72] Hemperly, John Jacob, US  
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[11] **2,122,315**  
[13] C

[51] **Int.Cl. 6B62D 21/14 6B62D 61/00**  
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[54] **LOCKING SYSTEM FOR A  
SEMITRAILER SLIDING  
UNDERCARRIAGE**  
[54] **SYSTEME DE VERROUILLAGE  
POUR TRAIN DE ROULEMENT  
COULISSANT DE SEMI-REMORQUE**  
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[73] Wessels, Larry L., US  
[22] 1994-04-27  
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[13] C

[51] **Int.Cl. 5H04B 7/26**  
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SYSTEM**  
[54] **SYSTEME CELLULAIRE**  
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[72] I, Chih-Lin, US  
[73] AMERICAN TELEPHONE AND  
TELEGRAPH COMPANY, US  
[22] 1994-05-17  
[30] US (130,965) 1993-10-04

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[11] **2,127,245**  
[13] C

[51] **Int.Cl. 6G21B 1/00**  
[25] EN  
[54] **METHOD FOR MAKING A  
SEALED PASSAGE IN A REFRACTORY  
COMPOSITE PART, AND  
APPLICATION TO THE PRODUCTION  
OF A REFRACTORY COMPOSITE  
STRUCTURE COOLED BY FLUID  
CIRCULATION**  
[54] **EXECUTION D'UNE VOIE  
ETANCHE DANS UN COMPOSITE  
REFRACTAIRE ET APPLICATION A  
DES STRUCTURES REFROIDIES PAR  
CIRCULATION DE LIQUIDE**  
[72] Filipuzzi, Ludovic, FR  
[72] Huet, Philippe, FR  
[73] SOCIÉTÉ NATIONALE D'ÉTUDE ET  
DE CONSTRUCTION DE MOTEURS  
D'AVIATION "SNEC, FR  
[85] 1994-06-30  
[86] 1992-12-30 (PCT/FR92/01243)  
[87] (WO93/13636)  
[30] FR (91 16390) 1991-12-31

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[11] 2,129,092  
[13] C

[51] **Int.Cl. 6G06T 1/00**  
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[54] **APPAREIL D'INTERPOLATION D'IMAGES**  
[72] Williams, Leon C., US  
[72] Clingerman, Terri A., US  
[73] XEROX CORPORATION, US  
[22] 1994-07-28  
[30] US (131164) 1993-10-04

[11] 2,129,150  
[13] C

[51] **Int.Cl. 6H01J 9/02**  
[25] EN  
[54] **METHOD OF MANUFACTURING ELECTRON-EMITTING DEVICE AS WELL AS ELECTRON SOURCE AND IMAGE-FORMING APPARATUS**  
[54] **METHODE DE FABRICATION DE DISPOSITIFS EMETTEURS D'ELECTRONS, SOURCE D'ELECTRONS ET APPAREIL D'IMAGERIE**  
[72] Ono, Takeo, JP  
[72] Kawade, Hisaaki, JP  
[72] Sekiguchi, Yoshinobu, JP  
[72] Yamamoto, Keisuke, JP  
[72] Tsukamoto, Takeo, JP  
[72] Yamanobe, Masato, JP  
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[22] 1994-07-29  
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[13] C

[51] **Int.Cl. 6A42B 1/00**  
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[54] **PROTECTIVE HAT**  
[54] **CASQUE PROTECTEUR**  
[72] CARRINGTON, Janice, US  
[73] Plum Enterprises, Inc., US  
[22] 1994-08-03  
[30] US (08/103,488) 1993-08-06

[11] 2,129,815  
[13] C

[51] **Int.Cl. 6F16H 61/04**  
[25] EN  
[54] **CONTROL SYSTEM/METHOD FOR ENGINE BRAKE ASSISTED SHIFTING**  
[54] **SYSTEME/METHODE DE COMMANDE DU CHANGEMENT DE VITESSE ASSISTE(E) PAR LE FREINAGE DU MOTEUR**  
[72] Steeby, Jon Allen, US  
[73] Eaton Corporation, US  
[22] 1994-08-09  
[30] US (103,947) 1993-08-10

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[13] C

[51] **Int.Cl. 5B32B 5/04 5A61F 13/15**  
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[54] **ELASTIC FILM LAMINATE**  
[54] **PELLICULE ELASTIQUE MULTICOUCHE**  
[72] Swenson, Douglas A., US  
[72] Fox, Herbert J., US  
[72] Krueger, Dennis L., US  
[72] Lockridge, Rochelle L., US  
[72] Helmer, Pamela E., US  
[73] Minnesota Mining and Manufacturing Company, US  
[85] 1994-08-11  
[86] 1993-06-14 (PCT/US93/05649)  
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[30] US (07/901,420) 1992-06-19

[11] 2,130,019  
[13] C

[51] **Int.Cl. 6C10G 1/00 6C08J 11/10 6C01B 3/36**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF SYNTHESIS GAS**  
[54] **METHODE DE PREPARATION DE GAZ DE SYNTHESE**  
[72] Gerhardus, Ulrich, DE  
[72] Hanke, Horst, DE  
[72] Hibbel, Josef, DE  
[72] Leder, Norbert, DE  
[72] Poloszyk, Klaus, DE  
[72] Scheve, Heinz, DE  
[72] Schmidt, Volkmar, DE  
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[22] 1994-08-12  
[30] DE (P 43 28 188.5) 1993-08-21

[11] 2,130,847  
[13] C

[51] **Int.Cl. 5B65D 23/02**  
[25] EN  
[54] **BASKET LINER HAVING A BONDING MATERIAL THEREON AND METHOD**  
[54] **FEUILLE DE MATERIAU PREFORMEE DOTE E D'UNE BANDE ADHESIVE POUR LE DOUBLAGE INTERIEUR D'UN PANIER, ET METHODE CONNEXE**  
[72] Weder, Donald E., US  
[73] Southpac Trust International, Inc., NZ  
[22] 1994-08-25  
[30] US (113,873) 1993-08-27

[11] 2,131,214  
[13] C

[51] **Int.Cl. 6E05F 11/00 6E05F 11/10**  
[25] EN  
[54] **WINDOW OPERATOR HOUSING**  
[54] **LOGEMENT POUR DISPOSITIF DE MANOEUVRE DE FENETRE**  
[72] Vetter, Gregory J., US  
[73] Truth Hardware Corporation,  
[22] 1994-08-31  
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[11] 2,133,433  
[13] C

[51] **Int.Cl. 6A45F 5/02 6E04F 21/00**  
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[54] **COLLAPSIBLE MUD PAN BRACKET**  
[54] **SUPPORT PLIABLE POUR BAC D'OUVRIER**  
[72] Albert, John Louis, CA  
[73] Albert, John Louis, CA  
[85] 1994-09-30  
[86] 1993-04-02 (PCT/CA93/00138)  
[87] (WO93/20305)  
[30] US (07/862,104) 1992-04-02

[11] 2,137,436  
[13] C

[51] **Int.Cl. 6E05B 65/44**  
[25] EN  
[54] **CABINET LOCK AND METHOD FOR USING SAME**  
[54] **SERRURE DE MEUBLE ET METHODE POUR SON UTILISATION**  
[72] Teich, Daniel E., US  
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[73] Maytag Corporation, US  
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[30] US (08/187,841) 1994-01-28

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[13] C

[51] **Int.Cl. 6C11B 1/10**  
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[54] **EXTRACTION OF OILS FROM GRAIN MATERIALS AND GRAIN-BASED FOOD PRODUCTS**  
[54] **EXTRACTION DES HUILES DE MATIERES OLEAGINEUSES ET DES PRODUITS ALIMENTAIRES A BASE DE CEREALES**  
[72] Arendt, Phillip S., US  
[72] Langley, Charles E., US  
[73] Food Sciences, Inc., US  
[85] 1994-12-16  
[86] 1993-06-10 (PCT/US93/05599)  
[87] (WO94/00541)  
[30] US (07/901,350) 1992-06-19  
[30] US (08/012,118) 1993-02-01

[11] **2,141,818**  
[13] C

[51] **Int.Cl. 6A61F 13/56**  
[25] EN  
[54] **ABSORBENT ARTICLE WITH ELASTIC FEATURE HAVING A PRESTRAINED WEB PORTION AND METHOD FOR FORMING SAME**  
[54] **ARTICLE ABSORBANT ELASTIQUE DOTE D'UN RESEAU PREETIRE ET METHODE UTILISEE POUR FORMER CET ARTICLE**  
[72] Buell, Kenneth Barclay, US  
[72] Richardson, James William, US  
[72] Benson, Douglas Herrin, US  
[73] PROCTER & GAMBLE COMPANY (THE), US  
[85] 1995-02-03  
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[87] (WO94/05241)  
[30] US (07/937,619) 1992-08-28

[11] **2,142,740**  
[13] C

[51] **Int.Cl. 6G01S 13/08**  
[25] EN  
[54] **ARRANGEMENT FOR MEASURING THE LEVEL OF CONTENTS IN A CONTAINER**  
[54] **DISPOSITIF POUR MESURER LE NIVEAU DE REMPLISSAGE D'UN RECIPIENT**  
[72] Otto, Johanngeorg, DE  
[72] Lubcke, Wolfgang, DE  
[73] Endress + Hauser GmbH + Co., DE  
[22] 1995-02-17  
[30] DE (P 44 05 238.3) 1994-02-18

[11] **2,142,838**  
[13] C

[51] **Int.Cl. 6E06B 1/26**  
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[54] **GYPSUM FIBERBOARD DOOR FRAME**  
[54] **CADRE DE PORTE EN PLATRE ET CARTON DUR**  
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[72] Francis, Hubert C., US  
[72] Fowler, George F., US  
[73] Georgia-Pacific Corporation, US  
[85] 1995-02-17  
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[87] (WO94/04784)  
[30] US (07/932,785) 1992-08-20

[11] **2,143,414**  
[13] C

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[54] **LOW NOISE DISPOSABLE DIAPER FASTENING TAPE**  
[54] **RUBAN ADHESIF SILENCIEUX POUR COUCHES JETABLES**  
[72] Miller, John A., US  
[72] Velasquez Urey, Ruben E., US  
[72] Kono, Yasuhiro, JP  
[72] Tate, Earl, Jr., US  
[72] Akiyama, Yoshihiro, JP  
[72] Mulder, Robert S., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1995-02-27  
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[30] US (07/950,204) 1992-09-24  
[30] JP (4-254661) 1992-09-24

[11] **2,143,877**  
[13] C

[51] **Int.Cl. 6E01H 5/02**  
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[54] **SNOW SHOVEL ASSEMBLY**  
[54] **PELLE A NEIGE**  
[72] Tisbo, Thomas A., US  
[72] Whitehead, Stephen P., US  
[73] SUNCAST CORPORATION, US  
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[30] US (08/304,122) 1994-09-12

[11] **2,143,887**  
[13] C

[51] **Int.Cl. 6G03G 8/00**  
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[54] **SIMULATED GLOSS PROCESS**  
[54] **PROCEDE POUR L'OBTENTION D'UN LUSTRE BRILLANT**  
[72] Pane, Sharon G., US  
[73] XEROX CORPORATION, US  
[22] 1995-03-03  
[30] US (228,840) 1994-04-18

[11] **2,145,662**  
[13] C

[51] **Int.Cl. 6A61F 13/56**  
[25] EN  
[54] **ABSORBENT ARTICLE WITH DYNAMIC ELASTIC FEATURE COMPRISING ELASTICIZED HIP PANELS**  
[54] **ARTICLE ABSORBANT A COMPOSANTE ELASTIQUE DYNAMIQUE POURVU DE PANNEAUX DE HANCHE ELASTIQUES**  
[72] Clear, Sandra Hintz, US  
[72] Rollag, Keith Wesley, JP  
[72] Nakahata, Hiroshi, JP  
[73] Procter & Gamble Company (The), US  
[85] 1995-03-27  
[86] 1993-08-23 (PCT/US93/07910)  
[87] (WO94/07450)  
[30] US (07/951,982) 1992-09-28

[11] **2,146,474**  
[13] C

[51] **Int.Cl. 6H01F 30/00**  
[25] EN  
[54] **SOLID INSULATION TRANSFORMER**  
[54] **TRANSFORMATEUR A ISOLANT SOLIDE**  
[72] Paradis, Claude, CA  
[72] Fortin, Marcel, CA  
[72] Haas, Michael Edward, US  
[72] Lanoue, Thomas J., US  
[72] Pineault, Jean-Guy, CA  
[72] Guillemette, Robert, CA  
[72] Chaaban, Mohammed, CA  
[73] Centre d'Innovation sur le Transport D'Énergie Du Québec, CA  
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[13] C

[51] Int.Cl. 6A23G 9/00 6A23P 1/12  
6A23G 9/22  
[25] EN  
[54] APPARATUS AND METHOD FOR  
PRODUCING A FROZEN NOVELTY  
[54] APPAREIL ET METHODE DE  
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[72] Fazio, Paul L., US  
[72] Pajak, Bernard W., US  
[73] PILLSBURY COMPANY (THE), US  
[85] 1995-04-19  
[86] 1994-08-11 (PCT/US94/09163)  
[87] (WO95/05086)  
[30] US (08/109,276) 1993-08-19

[11] 2,150,895  
[13] C

[51] Int.Cl. 6A61B 17/70  
[25] EN  
[54] DEVICE FOR STABILIZING OR,  
RESPECTIVELY, COMPRESSING OR  
DISTRACTING PORTIONS OF THE  
SPINAL COLUMN  
[54] INSTRUMENT POUR ASSURER  
UNE STABILISATION OU POUR  
OPERER, RESPECTIVEMENT, UNE  
COMPRESSION OU UNE DETRACTION  
DE PARTIES DE LA COLONNE  
VERTEBRALE  
[72] Metz-Stavenhagen, Peter, DE  
[72] Robioneck, Bernd, DE  
[73] Howmedica GmbH, DE  
[22] 1995-06-02  
[30] DE (G 94 09 123.4) 1994-06-04

[11] 2,151,314  
[13] C

[51] Int.Cl. 6B65G 65/00  
[25] EN  
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[54] DISPOSITIF DE DECHARGEMENT  
[72] Konstant, Anthony N., US  
[73] KONSTANT PRODUCTS, INC., US  
[22] 1995-06-08  
[30] US (335,301) 1994-10-21

[11] 2,151,630  
[13] C

[51] Int.Cl. 6G02B 1/04 6B60J 1/00  
[25] EN  
[54] COMPOSITE TRANSPARENCY  
[54] DIAPOSITIVE COMPOSITE  
[72] Heithoff, Robert B., US  
[72] Shelestak, Larry J., US  
[73] PPG INDUSTRIES OHIO, INC., US  
[22] 1995-06-13  
[30] US (270,337) 1994-07-05

[11] 2,153,428  
[13] C

[51] Int.Cl. 6F04C 11/00  
[25] EN  
[54] ROTOR COUNTERWEIGHT  
INSERT APPARATUS AND METHOD  
FOR MAKING SAME  
[54] APPAREIL AVEC CONTREPOIDS  
DE ROTOR ET METHODE DE  
FABRICATION  
[72] Fowlkes, Jeffrey C., US  
[72] Gilmore, Gary L., US  
[73] Tecumseh Products Company, US  
[22] 1995-07-07  
[30] US (08/279,952) 1994-07-25

[11] 2,154,913  
[13] C

[51] Int.Cl. 6A61K 9/16 6A61K 47/02  
[25] EN  
[54] MAGNETICALLY RESPONSIVE  
COMPOSITION FOR CARRYING  
BIOLOGICALLY ACTIVE  
SUBSTANCES AND METHODS OF  
PRODUCTION AND USE  
[54] COMPOSITION A GUIDAGE OU  
CONTROLE MAGNETIQUES POUR LE  
TRANSPORT DE SUBSTANCES  
BIOLOGIQUEMENT ACTIVES;  
METHODES DE PREPARATION ET  
UTILISATION  
[72] Volkonsky, Viktor Alexeevich, RU  
[72] Chernyakov, Sergei V., RU  
[72] Dvuhsherstnov, Sergei D., RU  
[73] FERX INCORPORATED, US  
[85] 1995-07-28  
[86] 1994-01-26 (PCT/US94/00892)  
[87] (WO94/16683)  
[30] US (08/011,363) 1993-01-29

[11] 2,155,196  
[13] C

[51] Int.Cl. 6B01D 46/52  
[25] EN  
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PRODUCING THE SAME  
[54] FILTRE A AIR ET METHODE DE  
FABRICATION  
[72] Matuda, Yoshiya, JP  
[72] Nawa, Masahiro, JP  
[72] Takiguchi, Tadayoshi, JP  
[73] MINNESOTA MINING AND  
MANUFACTURING COMPANY, US  
[85] 1995-08-01  
[86] 1994-01-31 (PCT/US94/01088)  
[87] (WO94/17897)  
[30] JP (5-15296) 1993-02-02

[11] 2,155,538  
[13] C

[51] Int.Cl. 6B22D 41/22  
[25] EN  
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METHOD  
[54] ROBINET A RESSORT  
[72] King, Patrick D., US  
[73] FLO-CON SYSTEMS, INC., US  
[85] 1995-08-04  
[86] 1993-08-04 (PCT/US93/07356)  
[87] (WO94/03295)  
[30] US (926,925) 1992-08-07

[11] 2,155,912  
[13] C

[51] Int.Cl. 6E02B 17/00  
[25] EN  
[54] FIXED OFFSHORE PLATFORM  
STRUCTURES, USING SMALL  
DIAMETER, TENSIONED, WELL  
CASING TIEBACKS  
[54] PLATE-FORME FIXE DE FORAGE  
EN MER, AVEC ELEMENTS DE FAIBLE  
DIAMETRE, EN TENSION, POUR  
L'ASSUJETTISSEMENT DES TUBAGES  
[72] Calkins, Dennis Earl, US  
[72] Converse, Robin McCoy, US  
[72] Haney, James Allan, US  
[72] Kindel, Charles Edward, US  
[72] Osborne, Roger Stewart, US  
[72] Serpans, Raymond Joseph, US  
[73] MCDERMOTT INTERNATIONAL,  
INC., US  
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[30] US (08/289,154) 1994-08-11

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[11] **2,156,473**  
[13] C

[51] **Int.Cl. 6F01N 7/02 6F01N 3/28**  
[25] EN  
[54] **EXHAUST EMISSION CONTROL DEVICE**  
[54] **DISPOSITIF DE REDUCTION DES EMISSIONS NOCIVES DES TUYAUX D'ECHAPPEMENT**  
[72] Wakabayashi, Mitsuo, JP  
[72] Kikuchi, Shinichi, JP  
[72] Fukuda, Morio, JP  
[72] Inose, Shouji, JP  
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 1995-08-18  
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[13] C

[51] **Int.Cl. 6H02M 1/00 6H02M 7/155**  
[25] EN  
[54] **ACTIVE DISCHARGE CIRCUIT FOR CHARGED CAPACITORS**  
[54] **CIRCUIT ACTIF DE DECHARGE DE CONDENSATEUR**  
[72] Deaver, David K., US  
[73] Fluke Corporation, US  
[22] 1995-08-18  
[30] US (08/330,049) 1994-10-26

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[11] **2,156,592**  
[13] C

[51] **Int.Cl. 6B60R 19/03 6B29C 45/14**  
[25] EN  
[54] **BUMPER MADE OF SYNTHETIC RESIN FOR AUTOMOBILE, AND PROCESS FOR PRODUCING THE SAME**  
[54] **PARE-CHOC D'AUTOMOBILE FAIT DE RESINE SYNTHETIQUE ET METHODE DE PRODUCTION CONNEXE**  
[72] Takeuchi, Atsushi, JP  
[72] Aoki, Osamu, JP  
[72] Hamabe, Kenji, JP  
[72] Itakura, Tatsuya, JP  
[72] Ogane, Hitoshi, JP  
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[30] JP (197048/94) 1994-08-22

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[11] **2,156,769**  
[13] C

[51] **Int.Cl. 6E04B 1/62**  
[25] EN  
[54] **STRUCTURAL INSULATED PANEL WITH METAL EDGES**  
[54] **PANNEAU DE CHARPENTE ISOLE ET MUNI D'EXTREMITES METALLIQUES**  
[72] Porter, William H., US  
[73] Porter, William H., US  
[22] 1995-08-23  
[30] US (08/295,248) 1994-08-24

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[11] **2,159,164**  
[13] C

[51] **Int.Cl. 6F27D 3/12**  
[25] FR  
[54] **FOUR DE RECHAUFFAGE, DE MAINTIEN ET D'ACCUMULATION DE PRODUITS SIDERURGIQUES**  
[54] **REHEATING, MAINTENANCE AND STORAGE FURNACE FOR IRON AND STEEL PRODUCTS**  
[72] Brun, Didier, FR  
[72] Pahmer, François, FR  
[72] Audebert, Jean-Claude, FR  
[73] STEIN HEURTEY, FR  
[22] 1995-09-26  
[30] FR (94 11 527) 1994-09-27

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[11] **2,159,819**  
[13] C

[51] **Int.Cl. 6B60K 17/356**  
[25] EN  
[54] **ALL WHEEL HYDRAULIC DRIVE SYSTEM**  
[54] **SYSTEME DE TRANSMISSION HYDRAULIQUE POUR VEHICULE A TRANSMISSION SUR TOUTES LES ROUES**  
[72] Sallstrom, Steve A., US  
[72] Goman, Gerald E., US  
[72] Dunlap, Joel M., US  
[73] TORO COMPANY (THE), US  
[85] 1995-10-03  
[86] 1995-02-03 (PCT/US95/01476)  
[87] (WO95/21069)  
[30] US (08/192,022) 1994-02-03

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[11] **2,160,452**  
[13] C

[51] **Int.Cl. 6H04Q 7/38**  
[25] EN  
[54] **MOBILE RADIO COMMUNICATIONS APPARATUS**  
[54] **APPAREIL DE RADIOCOMMUNICATION MOBILE**  
[72] Obayashi, Arata, JP  
[72] Tanaka, Masayuki, JP  
[72] Kanbara, Masatomo, JP  
[73] Kabushiki Kaisha Toshiba, JP  
[22] 1994-04-11  
[30] JP (5-88574) 1993-04-15

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[11] **2,162,818**  
[13] C

[51] **Int.Cl. 6G11C 11/41**  
[25] EN  
[54] **REWITABLE ROM FILE DEVICE**  
[54] **DISPOSITIF D'ARCHIVAGE A ROM REINSCRIPTIBLE**  
[72] Endo, Kaoru, JP  
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[22] 1995-11-14  
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[13] C

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[25] EN  
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[54] **SOLUTION RENFERMANT UN GLYCOSIDE CATIONIQUE POUR VERRES DE CONTACT**  
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[72] Allen, David B., US  
[73] DRAFTO CORPORATION, US  
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[11] 2,167,292  
[13] C

[51] Int.Cl. 6D21F 7/06 6D21G 9/00  
[25] EN  
[54] SYSTEM FOR OVERALL CONTROL OF THE DIFFERENT TRANSVERSE PROFILES IN A PAPER WEB MANUFACTURED BY MEANS OF A MACHINE FOR THE MANUFACTURE OF A WEB MATERIAL, SUCH AS A BOARD OR PAPER MACHINE AND/OR A FINISHING MACHINE  
[54] SYSTEME PERMETTANT LA REGULATION GENERALE DES DIFFERENTS PROFILS TRANSVERSAUX D'UNE BANDE DE PAPIER PRODUITE AU MOYEN D'UNE MACHINE SERVANT A PRODUIRE UNE BANDE DE MATERIAU, TELLEQU'UNE MACHINE A CARTON OU A PAPIER ET/OU UNE MACHINE DE FINITION  
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[72] Mustonen, Harri, FI  
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[72] Ellilä, Markku, FI  
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[11] 2,167,373  
[13] C

[51] Int.Cl. 6C11D 3/37 6C11D 1/29 6C11D 3/386  
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[54] COMPOSITIONS DETERGENTES EMPECHANT LE TRANSFERT DE COLORANTS  
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[85] 1996-01-16  
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[87] (WO95/03382)  
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[13] C

[51] Int.Cl. 6A61M 5/32  
[25] EN  
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[30] US (08/103,450) 1993-08-06

[11] 2,168,781  
[13] C

[51] Int.Cl. 6A61B 8/12  
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[54] SONDE DE TYPE CABLE COAXIAL POUR ACCES AUX VAISSEAUX  
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[13] C

[51] Int.Cl. 6C08F 228/02 6C02F 5/10 6B01F 17/12 6C11D 3/34  
[25] EN  
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[54] POLYMERES HYDROSOLUBLES RENFERMANT UN MONOMERE D'ACIDE ALLYLOXYBENZENESULFONIQUE ET UN MONOMERE D'ACIDE SULFONIQUE METHALLYLIQUE  
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[13] C

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[25] EN  
[54] **CUSTOM APPAREL  
MANUFACTURING APPARATUS AND  
METHOD**  
[54] **APPAREIL ET PROCEDE DE  
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[13] C

[51] **Int.Cl. 6B01J 38/10 6C07C 11/02  
6C07C 211/03 6C07C 5/05 6B01J 23/40  
6C07C 209/48 6B01J 23/755**  
[25] EN  
[54] **REGENERATION OF CATALYST  
FOR THE SIMULTANEOUS  
SELECTIVE HYDROGENATION OF  
DIOLEFINS AND NITRILES**  
[54] **REGENERATION DU  
CATALYSEUR POUR  
L'HYDROGENATION SIMULTANEE  
SELECTIVE DES DIOLEFINES ET DES  
NITRILES**  
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[11] **2,175,544**  
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[54] **CONSTRUCTION DE COQUE  
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[13] C

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[25] EN  
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[54] **REVETEMENT INTERIEUR  
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[13] C

[51] **Int.Cl. 6C11D 3/16 6C11D 3/20  
6C11D 3/26 6C11D 3/37**  
[25] EN  
[54] **LIQUID LAUNDRY DETERGENTS  
CONTAINING POLYAMINO ACID AND  
POLYALKYLENE GLYCOL**  
[54] **DETERGENTS LIQUIDES A  
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[11] **2,180,895**  
[13] C

[51] **Int.Cl. 6B01D 46/18**  
[25] EN  
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AND METHOD**  
[54] **FILTRE A BANDE  
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[51] **Int.Cl. 6A47H 1/04 6A47H 13/00**  
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[11] **2,182,408**  
[13] C

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[13] C

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[54] **EXERCISEUR**  
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[73] Brister, Timothy G., US  
[22] 1996-08-01  
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[30] US (08/648,955) 1996-05-16

[11] **2,182,787**  
[13] C

[51] **Int.Cl. 6B62B 3/02 6B65H 49/32**  
[25] EN  
[54] **FOLDING WIRECART  
CONVERTIBLE INTO FLOAT AND  
HANDTRUCK**  
[54] **CHARIOT PORTE-FILS PLIABLE  
ET TRANSFORMABLE EN  
REMORQUE A PLATEAU OU EN  
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[86] 1994-02-28 (PCT/US94/02244)  
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[54] DEVIDOIR A TUYAU, MURAL,  
PRET A MONTER  
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6G01N 33/49 6G01N 21/55  
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[11] 2,184,402  
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[51] Int.Cl. 6A61K 7/40 6A61K 7/48  
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[54] UTILISATION DE L'ACIDE  
CYSTEIQUE OU HOMOCYSTEIQUE  
POUR FAVORISER LA  
DESQUAMATION DE LA PEAU OU  
STIMULER LE RENOUVELLEMENT  
EPIDERMIQUE  
[54] CYSTEIC OR HOMOCYSTEIC  
ACID USED FOR FACILITATING SKIN  
DESQUAMATION OR STIMULATING  
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[22] 1996-08-28  
[30] FR (95 10 483) 1995-09-07

[11] 2,189,553  
[13] C

[51] Int.Cl. 6B01J 20/26 6B01D 15/00  
6B01J 20/28  
[25] EN  
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PHASE EXTRACTION PARTICLES  
AND ARTICLES CONTAINING SAME  
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PHASE SOUDE MODIFIEES  
CHIMIQUEMENT ET ARTICLES LES  
CONTENANT  
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[13] C

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37/06  
[25] EN  
[54] METHOD FOR THE THERMO-  
CHEMICAL DEWAXING OF LARGE  
DIMENSION LINES  
[54] PROCEDE THERMO-CHIMIQUE  
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CANALISATIONS DE FORTES  
DIMENSIONS  
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[13] C

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[25] EN  
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[54] SEMELLE RESILIENTE POUR  
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[11] 2,195,195  
[13] C

[51] Int.Cl. 6D06F 67/04  
[25] EN  
[54] APPARATUS FOR FEEDING  
FLATWORK ARTICLES  
[54] APPAREIL D'ALIMENTATION EN  
LINGES PLATS  
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[85] 1997-01-15  
[86] 1995-07-26 (PCT/US95/09984)  
[87] (WO96/03540)  
[30] US (08/281,484) 1994-07-27

[11] 2,196,071  
[13] C

[51] Int.Cl. 6F16L 17/02  
[25] EN  
[54] PIPE JOINING CONSTRUCTION  
[54] SYSTEME DE RACCORD DE  
CONDUITES  
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[85] 1997-01-27  
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[30] JP (6/206160) 1994-08-31

[11] 2,197,298  
[13] C

[51] Int.Cl. 6C07D 401/04 6C07D 495/04  
6A61K 31/505  
[25] EN  
[54] NOVEL PYRIMIDINE  
DERIVATIVES AND PROCESSES FOR  
THE PREPARATION THEREOF  
[54] NOUVEAUX DERIVES DE LA  
PYRIMIDINE; METHODES DE  
PREPARATION  
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[86] 1995-08-10 (PCT/KR95/00105)  
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[30] KR (199419997) 1994-08-13  
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[13] C

[51] **Int.Cl. 6H01B 13/06**  
[25] EN  
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[54] **METHODE DE REPARATION D'UNE AILETTE D'ISOLATEUR COMPOSITE**  
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[72] KASHIWAGI, Hiroshi, JP  
[73] NGK INSULATORS, LTD., JP  
[22] 1997-03-17  
[30] JP (8-61,032) 1996-03-18  
[30] JP (8-283,497) 1996-10-25

[11] **2,200,167**  
[13] C

[51] **Int.Cl. 6H01B 19/00**  
[25] EN  
[54] **METHOD FOR PRODUCING COMPOSITE INSULATOR**  
[54] **METHODE DE PRODUCTION D'UN ISOLATEUR COMPOSITE**  
[72] KASHIWAGI, Hiroshi, JP  
[73] NGK INSULATORS, LTD., JP  
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[13] C

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[54] **APPAREIL DE CONTROLE POUR ENGRENAGES**  
[72] FLAIR, Henry J., US  
[73] ILLINOIS TOOL WORKS INC., US  
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[11] **2,206,562**  
[13] C

[51] **Int.Cl. 6H02J 13/00 6H04L 25/00**  
[25] EN  
[54] **SYSTEM OF COMMUNICATING OUTPUT FUNCTION STATUS INDICATIONS BETWEEN TWO OR MORE POWER SYSTEM PROTECTIVE RELAYS**  
[54] **SYSTEME DE TRANSMISSION DE BITS DE SITUATION D'UNE FONCTION ENTRE DEUX RELAIS DE PROTECTION OU PLUS D'UN SYSTEME D'ALIMENTATION**  
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[73] Schweitzer Engineering Laboratories, Inc., US  
[22] 1997-05-29  
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[11] **2,211,605**  
[13] C

[51] **Int.Cl. 6A45D 40/26 6A45D 34/04 6A45D 33/36**  
[25] FR  
[54] **DISPOSITIF POUR LE MAQUILLAGE DES LEVRES**  
[54] **LIP MAKE-UP APPLICATOR**  
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[73] L'OREAL, FR  
[22] 1997-08-07  
[30] FR (96 10 018) 1996-08-08

[11] **2,212,763**  
[13] C

[51] **Int.Cl. 6A61K 33/00 6A61K 7/00 6A01N 59/00 6C25B 1/04 6A61M 1/14 6A23L 3/358 6C02F 1/461 6C02F 1/68**  
[25] EN  
[54] **ELECTROLYTIC HYDROGEN DISSOLVED WATER, AND METHOD AND APPARATUS FOR PRODUCTION THEREOF**  
[54] **EAU AVEC HYDROGENE DISSOUS, OBTENUE PAR ELECTROLYSE; METHODE ET APPAREIL POUR SA PRODUCTION**  
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[22] 1997-08-12  
[30] JP (8-225392) 1996-08-27  
[30] JP (9-93451) 1997-04-11

[11] **2,217,121**  
[13] C

[51] **Int.Cl. 6H02M 7/44**  
[25] EN  
[54] **RESONANT SWITCHING POWER SUPPLY CIRCUIT**  
[54] **CIRCUIT ALIMENTATION A COMMUTATION ACCORDEE**  
[72] SHAHANI, Hamid R., CA  
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[30] US (741.330) 1996-10-28

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September 26, 1999 - October 2, 1999

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26 septembre 1999 - 2 octobre 1999

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[21] **2,227,123**  
[13] A1

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[25] EN  
[54] **FALSE-TWISTING WARPING**  
[54] **OURDISSAGE A FAUSSE TORSION**  
[72] LI, Zule, CA  
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[22] 1998-03-26  
[43] 1999-09-26

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[13] A1

[51] **Int.Cl. 6F01L 3/00**  
[25] EN  
[54] **ATTAIN'S 2 NEW VALVE TRAINS, OR "A-2NVT"**  
[54] **DEUX NOUVEAUX DISPOSITIFS DE COMMANDE DES SOUPAPES ATTAIN OU « A-2NVT »**  
[72] OTTLYK, Nicholas M., CA  
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[22] 1998-03-27  
[43] 1999-09-27

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[13] A1

[51] **Int.Cl. 6E21B 23/00 6E21B 31/00**  
[25] EN  
[54] **ROD CENTRALIZER FISHING TOOL**  
[54] **OUTIL DE REPECHAGE D'UN CENTREUR DE TIGE DE SOUDE**  
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[22] 1998-03-27  
[43] 1999-09-27

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[51] **Int.Cl. 6B44D 3/12**  
[25] EN  
[54] **ARTISTS' PAINTBRUSH SUPPORT**  
[54] **SUPPORT A PINCEAUX D'ARTISTES**  
[72] HEMPHILL, Robert C., CA  
[71] HEMPHILL, Robert C., CA  
[22] 1998-03-30  
[43] 1999-09-30

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[21] **2,227,139**  
[13] A1

[51] **Int.Cl. 6B62D 55/04 6B62B 19/02**  
[25] EN  
[54] **AUTOMOTIVE EQUIPMENT FOR WINTER DRIVING**  
[54] **EQUIPEMENT POUR AUTOMOBILES EN VUE DE LA CONDUITE EN HIVER**  
[72] DE PASCHOAL, Glaucio Roberto, CA  
[71] DE PASCHOAL, Glaucio Roberto, CA  
[22] 1998-03-30  
[43] 1999-09-30

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[21] **2,227,140**  
[13] A1

[51] **Int.Cl. 6B62K 3/00 6B62K 21/00**  
[25] EN  
[54] **FRONT WHEEL DRIVE, REAR WHEEL STEERING RECUMBENT BICYCLE**  
[54] **BICYCLETTE COUCHE A DIRECTION ARRIERE ET TRACTION AVANT**  
[72] MELCAREK, Edward, CA  
[72] BILYK, Mike, CA  
[71] MELCAREK, Edward, CA  
[71] BILYK, Mike, CA  
[22] 1998-03-30  
[43] 1999-09-30

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[21] **2,227,425**  
[13] A1

[51] **Int.Cl. 6A61K 38/44 6A61K 35/12 6A61K 38/18**  
[25] EN  
[54] **CELL-BASED GENE THERAPY**  
[54] **THERAPIE GENIQUE CELLULAIRE**  
[72] STEWART, Duncan John, CA  
[71] AN-GO-GEN INC., CA  
[22] 1998-03-27  
[43] 1999-09-27

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[21] **2,227,464**  
[13] A1

[51] **Int.Cl. 6B65D 17/34**  
[25] EN  
[54] **ALUMINUM CAN COVER DEVICE**  
[54] **DISPOSITIF DE COUVERCLE DE BOITE ALUMINIUM**  
[72] GUELCK, Tanya, CA  
[72] GUELCK, VOLKER, CA  
[71] GUELCK, Tanya, CA  
[71] GUELCK, VOLKER, CA  
[22] 1998-03-30  
[43] 1999-09-30

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[21] **2,227,481**  
[13] A1

[51] **Int.Cl. 6G01B 3/10**  
[25] EN  
[54] **UNIVERSAL MEASURING TAPE**  
[54] **RUBAN UNIVERSEL**  
[72] FUKS, Vladimir, CA  
[71] FUKS, Vladimir, CA  
[22] 1998-03-31  
[43] 1999-09-30

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[21] 2,227,489  
[13] A1

[51] Int.Cl. 6B25D 1/06 6B25D 1/04  
[25] EN  
[54] CARPENTER HAMMER  
[72] KOTSCHNER, Josef, CA  
[72] KOTSCHNER, Ralph Paul, CA  
[71] KOTSCHNER, Josef, CA  
[71] KOTSCHNER, Ralph Paul, CA  
[22] 1998-03-31  
[43] 1999-09-30

[21] 2,227,490  
[13] A1

[51] Int.Cl. 6B60S 1/64  
[25] EN  
[54] VEHICLE CENTRAL VACUUM  
[54] ASPIRATEUR CENTRAL POUR  
VEHICULE  
[72] ROWE, Tobias J., CA  
[71] ROWE, Tobias J., CA  
[22] 1998-04-01  
[43] 1999-10-01

[21] 2,227,492  
[13] A1

[51] Int.Cl. 6A63B 59/14  
[25] EN  
[54] GOALIE HOCKEY STICK WITH  
IMPROVED STICKHANDLING FOR  
BALL AND ICE HOCKEY  
[54] BATON DE GARDIEN DE BUT A  
MANIEMENT AMELIORE POUR  
HOCKEY-BALLE ET HOCKEY SUR  
GLACE  
[72] MAYHEW, Kent W., CA  
[71] MAYHEW, Kent W., CA  
[22] 1998-04-01  
[43] 1999-10-01

[21] 2,227,508  
[13] A1

[51] Int.Cl. 6C12N 15/12 6A61K 48/00  
6A61K 38/17 6C07K 14/47 6A61K 31/70  
[25] EN  
[54] PAIP, A NOVEL HUMAN PROTEIN  
WHICH BRIDGES THE 3' AND 5' END  
OF MRNA, AND USE THEREOF AS A  
TARGET FOR TRANSLATIONAL  
MODULATION TO TREAT HUMAN  
DISEASE  
[54] « PAIP », UNE NOUVELLE  
PROTEINE HUMAINE, QUI RELIE LES  
EXTREMITES DE 3' ET DE 5' D'UN ARN  
MESSAGER, ET UTILISATION DE  
LADITE PROTEINE DANS LA  
MODULATION TRADUCTIONNELLE  
AUX FINS DE TRAITEMENT DES  
MALADIES HUMAINES  
[72] SONENBERG, Nahum, CA  
[71] UNIVERSITÉ MCGILL, CA  
[22] 1998-04-01  
[43] 1999-10-01

[21] 2,227,512  
[13] A1

[51] Int.Cl. 6B60S 5/00 6B60T 17/00  
[25] EN  
[54] PRESSURE-VACUUM MACHINE  
FOR EXCHANGING AND FLUSHING  
VEHICLE FLUIDS FOR  
TRANSMISSIONS, POWER STEERING,  
BRAKES, AND DIFFERENTIALS,  
EITHER ALONE OR IN COMBINATION  
[54] MACHINE A PRESSION POUR  
L'ECHANGE ET LE RINCAGE DE  
LIQUIDES DE TRANSMISSION, DE  
DIRECTION ASSISTEE, DE FREINS ET  
DE DIFFERENTIELS DE VEHICULES,  
SOIT EN EFFECTUANT UNE SEULE  
FONCTION LA FOIS OU EN  
COMBINANT PLUSIEURS FONCTIONS  
[72] McCULLOCH, Kendall, CA  
[72] McCULLOCH, Gordon, CA  
[71] McCULLOCH, Kendall, CA  
[71] McCULLOCH, Gordon, CA  
[22] 1998-04-01  
[43] 1999-10-01

[21] 2,227,520  
[13] A1

[51] Int.Cl. 6B01D 17/022 6B03B 9/02  
6B09C 1/02 6C10G 33/06 6E02B 15/10  
6B01D 71/36 6B01D 61/42 6G01N 30/90  
[25] EN  
[54] AN ACTIVE FILTER OF  
COMPOSITE SINTERIZED MATERIAL  
AND PROCESS FOR SEPARATION OF  
HYDROPHOBIC ORGANIC MATERIAL  
FROM SOIL AND AQUEOUS FLUIDS  
USING CONTROLLED INTERFACE  
TENSIONS AND PORE SIZES  
[54] FILTRE ACTIF COMPOSE DE  
MATERIAU COMPOSITE A GRILLAGE  
AGGLOMERANT ET PROCEDE DE  
SEPARATION DE MATIERE  
ORGANIQUE HYDROPHOBE DU SOL  
ET DE FLUIDES AQUEUX EN  
UTILISANT DES TENSIONS  
D'INTERFACE CONTROLEES ET LA  
DIMENSION DES PORES  
[72] HUREM, Zihnija, CA  
[71] HUREM, Zihnija, CA  
[22] 1998-03-31  
[43] 1999-09-30

[21] 2,227,621  
[13] A1

[51] Int.Cl. 6B63B 35/00 6F16B 19/00  
6F16B 39/00  
[25] EN  
[54] GAL DOCK CONNECTOR  
[54] CONNECTEURS DE DOCKS  
[72] SCANTLAND, Bob, CA  
[71] SCANTLAND, Bob, CA  
[22] 1998-03-31  
[43] 1999-09-30

[21] 2,227,622  
[13] A1

[51] Int.Cl. 6F03G 7/08  
[25] EN  
[54] A GRAVITATIONAL ENERGY  
SYSTEM (MOMENTUM TURBINE)  
[54] SYSTEME D'ENERGIE  
GRAVITATIONNELLE (TURBINE  
D'INERTIE)  
[72] SEN, Asim K., CA  
[71] SEN, Asim K., CA  
[22] 1998-04-02  
[43] 1999-10-02

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**26 septembre 1999 - 2 octobre 1999**

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[21] **2,227,623**  
[13] A1

[51] **Int.Cl. 6G08B 21/00 6F24H 9/20**  
[25] EN  
[54] **A HOT WATER TANK ALARM**  
[54] **ALARME POUR RESERVOIR A**  
**EAU CHAUDE**  
[72] JAYARANJAN, Nishanth, CA  
[71] JAYARANJAN, Nishanth, CA  
[22] 1998-04-02  
[43] 1999-10-02

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[21] **2,228,197**  
[13] A1

[51] **Int.Cl. 6C09K 3/32 6B09C 1/00 6E02B**  
**15/04**  
[25] EN  
[54] **A PROCESS TO SOLIDIFY AND**  
**REMOVE SPILLED OIL ON LAND AND**  
**WATER**  
[54] **PROCEDE DE SOLIDIFICATION ET**  
**D'ELIMINATION DE PETROLE**  
**DEVERSE SUR LE SOL ET DANS L'EAU**  
[72] NELSON, William Ernest, CA  
[71] NELSON, William Ernest, CA  
[22] 1998-04-02  
[43] 1999-10-02

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[21] **2,228,202**  
[13] A1

[51] **Int.Cl. 6B09B 3/00**  
[25] EN  
[54] **A PROCESS FOR STABILIZING**  
**FLY ASH, BOTTOM ASH, CRUSHED**  
**ORE, MINE TAILINGS, RADIOACTIVE**  
**HOT SPOTS, DUST AND INDUSTRIAL**  
**WASTE**  
[54] **PROCEDE DE STABILISATION**  
**DES CENDRES LEGERE ET**  
**RESIDUELLE, DU MINERAL**  
**CONCASSE, DE DECHETS DE MINE,**  
**DE POINTS CHAUDS RADIOACTIFS,**  
**DE POUSSIERES ET DE DECHETS**  
**INDUSTRIELS**  
[72] NELSON, William Ernest, CA  
[71] NELSON, William Ernest, CA  
[22] 1998-04-02  
[43] 1999-10-02

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[21] **2,228,874**  
[13] A1

[51] **Int.Cl. 6F21V 35/00**  
[25] FR  
[54] **CHANDELLIER AVEC DES**  
**NOEUDS D'ARBRE**  
[54] **CANDELABRA WITH TREE**  
**KNOTS**  
[72] OUILLOT, Mario, CA  
[71] OUILLOT, Mario, CA  
[22] 1998-04-01  
[43] 1999-10-01

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[21] **2,230,073**  
[13] A1

[51] **Int.Cl. 6F21V 21/10**  
[25] EN  
[54] **U-CHANNEL ASSEMBLY FOR**  
**GUIDING A WIRE WITHIN A LENGTH**  
[54] **ENSEMBLE DE SECTION EN U**  
**POUR GUIDER UN FIL SUR UNE**  
**DISTANCE**  
[72] SCHONING, Robert, CA  
[71] DERO ENTERPRISES INC., CA  
[22] 1998-03-26  
[43] 1999-09-26

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[21] **2,230,188**  
[13] A1

[51] **Int.Cl. 6G10L 9/10**  
[25] EN  
[54] **OBJECTIVE AUDIO QUALITY**  
**MEASUREMENT**  
[54] **MESURAGE DE LA QUALITE**  
**AUDIO OBJECTIVE**  
[72] SOULODRE, Gilbert Arthur Joseph, CA  
[72] THIBAUT, Louis, CA  
[72] TREURNIET, William C., CA  
[72] SHLIEN, Seymour, CA  
[71] SOULODRE, Gilbert Arthur Joseph, CA  
[71] THIBAUT, Louis, CA  
[71] TREURNIET, William C., CA  
[71] SHLIEN, Seymour, CA  
[22] 1998-03-27  
[43] 1999-09-27

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[21] **2,230,200**  
[13] A1

[51] **Int.Cl. 6G02B 5/26 6H04J 14/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**SPECTRALLY DESIGNING ALL-FIBER**  
**FILTERS**  
[54] **METHODE ET APPAREIL DE**  
**CONCEPTION SPECTRALE DE**  
**FILTRES FIBREUX**  
[72] PELLETIER, Martin, CA  
[72] GUY, Martin, CA  
[72] PAINCHAUD, Yves, CA  
[72] LAUZON, Jocelyn, CA  
[71] INSTITUT NATIONAL D'OPTIQUE,  
CA  
[22] 1998-03-27  
[43] 1999-09-27

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[21] **2,230,261**  
[13] A1

[51] **Int.Cl. 6E04H 12/22 6E01F 9/011**  
**6G09F 7/18**  
[25] FR  
[54] **BASE DE BETON SPECIFIQUE**  
[54] **SPECIAL PURPOSE CONCRETE**  
**BASE**  
[72] BAILLARGEON, Rodrigue, CA  
[71] BAILLARGEON, Rodrigue, CA  
[22] 1998-03-30  
[43] 1999-09-30

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[21] **2,230,558**  
[13] A1

[51] **Int.Cl. 6E01C 19/40 6E01C 19/22**  
[25] EN  
[54] **SCREEDING APPARATUS AND**  
**METHOD WITH OSCILLATING**  
**ATTACHMENT**  
[54] **APPAREIL ET METHODE DE**  
**REGLAGE AVEC ACCESSOIRE**  
**OSCILLANT**  
[72] TAPIO, Nels D., US  
[72] TAPIO, John A., US  
[72] TAPIO, Kyle J., US  
[71] SOMERO ENTERPRISES, INC., US  
[22] 1998-04-01  
[43] 1999-10-01

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[21] **2,231,704**  
[13] A1

[51] **Int.Cl. 6B44C 5/06**  
[25] FR  
[54] **VERRE NATURE**  
[54] **NATURAL GLASS**  
[72] LANDRY, Roger, CA  
[71] LANDRY, Roger, CA  
[22] 1998-03-27  
[43] 1999-09-27

[21] **2,233,158**  
[13] A1

[51] **Int.Cl. 6A63H 33/12**  
[25] EN  
[54] **TOY CONSTRUCTION SYSTEM**  
[54] **JEU DE CONSTRUCTION**  
[72] KURILA, Jan, CA  
[71] KURILA, Jan, CA  
[22] 1998-03-26  
[43] 1999-09-26

[21] **2,233,169**  
[13] A1

[51] **Int.Cl. 6E05B 19/00 6A45C 11/32**  
[25] EN  
[54] **KEY CLIP**  
[54] **ATTACHE-CLE POUR**  
**PORTEFEUILLE OU SACOCHE**  
[72] SONG, Chang June, CA  
[71] SONG, Chang June, CA  
[22] 1998-03-26  
[43] 1999-09-26

[21] **2,233,242**  
[13] A1

[51] **Int.Cl. 6G02B 6/38**  
[25] EN  
[54] **PHYSICAL-CONTACT OPTICAL**  
**FIBER CONNECTOR**  
[54] **CONNECTEUR DE FIBRES**  
**OPTIQUES A CONTACT PHYSIQUE**  
[72] HEITMANN, Walter, DE  
[71] DEUTSCHE TELEKOM AG, DE  
[22] 1998-03-27  
[43] 1999-09-27

[21] **2,233,302**  
[13] A1

[51] **Int.Cl. 6B60R 21/26**  
[25] EN  
[54] **LIQUID PROPELLANT**  
**INFLATION APPARATUS FOR**  
**DEPLOYING AN INFLATABLE**  
**MEMBER**  
[54] **APPAREIL DE PROPULSION AU**  
**LIQUIDE POUR DEPLOIEMENT D'UN**  
**ARTICLE GONFLABLE**  
[72] MESSINA, Neale Arthur, US  
[72] INGRAM, Larry Stephan, US  
[71] MESSINA, Neale Arthur, US  
[71] INGRAM, Larry Stephan, US  
[22] 1998-03-26  
[43] 1999-09-26

[21] **2,233,359**  
[13] A1

[51] **Int.Cl. 6G06F 17/60 6G06F 17/40**  
[25] EN  
[54] **COMPUTER SOFTWARE**  
**DEVELOPMENT TIME**  
**MANAGEMENT AND TASK**  
**COMPLETION AND PREDICTION**  
**APPARATUS**  
[54] **APPAREIL DE DEVELOPPEMENT**  
**DE LOGICIELS COMPRENANT LA**  
**GESTION DE TEMPS,**  
**L'ACHEVEMENT ET LA PREVISION**  
**DE TACHES**  
[72] SIVAKUMAR, A.S., US  
[72] KAUFER, Stephen, US  
[72] EMRICH, Marco A., US  
[72] PALKA, Thomas, US  
[71] CENTERLINE SOFTWARE, INC., US  
[22] 1998-03-30  
[43] 1999-09-30

[21] **2,233,375**  
[13] A1

[51] **Int.Cl. 6C25B 3/04 6C25B 11/06**  
[25] EN  
[54] **ELECTROCHEMICAL**  
**HYDROGENOLYSIS OF LIGNINS ON**  
**RANEY NICKEL BASED CATHODES**  
[54] **HYDROGENOLYSE**  
**ELECTROCHIMIQUE DE LIGNINES**  
**SUR DES CATHODES A BASE DE**  
**NICKEL RANEY**  
[72] CYR, André, CA  
[72] JEANSON, Paul, CA  
[72] BROSSARD, Louis, CA  
[72] MÉNARD, Hugues, CA  
[72] CHILTZ, Florence, FR  
[72] MARTEL, Anna, CA  
[72] LESSARD, Jean, CA  
[71] CYR, André, CA  
[71] JEANSON, Paul, CA  
[71] BROSSARD, Louis, CA  
[71] MÉNARD, Hugues, CA  
[71] CHILTZ, Florence, FR  
[71] MARTEL, Anna, CA  
[71] LESSARD, Jean, CA  
[22] 1998-03-26  
[43] 1999-09-26

[21] **2,233,379**  
[13] A1

[51] **Int.Cl. 6E01F 9/017**  
[25] EN  
[54] **SELF-RIGHTING STREET SIGN**  
[54] **POTEAU DE PLAQUE DE RUE A**  
**AUTO-REDRESSEMENT**  
[72] PATEMAN, Thomas J., CA  
[71] PATEMAN, Thomas J., CA  
[22] 1998-03-26  
[43] 1999-09-26

[21] **2,233,387**  
[13] A1

[51] **Int.Cl. 6E06B 3/30 6E06B 5/18 6E06B**  
**3/24**  
[25] EN  
[54] **COLOUR FADE PROTECTION**  
**SYSTEMS**  
[54] **SYSTEMES DE PREVENTION DE**  
**LA DECOLORATION**  
[72] GLOVER, Michael, CA  
[71] GLOVER, Michael, CA  
[22] 1998-03-26  
[43] 1999-09-26

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[21] **2,233,389**  
[13] A1

[51] **Int.Cl. 6G09F 7/18**  
[25] EN  
[54] **ADVERTISING BOARD ASSEMBLY**  
[54] **PANNEAU PUBLICITAIRE**  
[72] SALOMON, Éric, CA  
[72] GAGNÉ, Benoît, CA  
[71] SALOMON, Éric, CA  
[71] GAGNÉ, Benoît, CA  
[22] 1998-03-27  
[43] 1999-09-27

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[21] **2,233,395**  
[13] A1

[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **DYNAMIC BANDWIDTH MANAGEMENT AND REROUTING**  
[54] **GESTION ET REACHEMINEMENT DYNAMIQUES DE LARGEUR DE BANDE**  
[72] SO, TRICCI, CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1998-03-26  
[43] 1999-09-26

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[21] **2,233,404**  
[13] A1

[51] **Int.Cl. 6A47L 15/24 6A47L 15/46 6A47L 15/48**  
[25] EN  
[54] **METHOD AND APPARATUS FOR WASHING WARES FOR FOOD AND FILLING WARES WITH FOOD, AND A BASKET FOR HOLDING THE WARES**  
[54] **METHODE ET APPAREIL POUR LE NETTOYAGE ET LE REMPLISSAGE D'USTENSILES ET DE PLATS D'ALIMENTS, ET PANIER DESTINE A CONTENIR CES ARTICLES**  
[72] PRIOLO, Luigi J., CA  
[72] CLARKE, Peter J., CA  
[72] SIMON, Peter R., CA  
[72] DIMARCO, Anthony G., CA  
[72] HAWKINS, Darcy J., CA  
[72] CRESS, Fred W., CA  
[71] CARA OPERATIONS LIMITED, CA  
[22] 1998-03-26  
[43] 1999-09-26

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[21] **2,233,413**  
[13] A1

[51] **Int.Cl. 6A61N 1/36 6A61N 1/32**  
[25] EN  
[54] **ELECTRICAL STIMULANT FOR ALIMENTARY TRACT**  
[54] **STIMULANT ELECTRIQUE POUR TUBE DIGESTIF**  
[72] OUGADTCHIKOV, Anatoli Leontievich, RU  
[72] TEREKHIN, Jury Vladimirovich, RU  
[71] OPEN JOINT-STOCK COMPANY "PLANT "KOMPOENT", RU  
[22] 1998-03-27  
[43] 1999-09-27

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[21] **2,233,425**  
[13] A1

[51] **Int.Cl. 6A63F 9/06**  
[25] EN  
[54] **FOUR-LAYER INTELLECTUAL CUBE**  
[54] **CUBE INTELLECTUEL A QUATRE COUCHES**  
[72] CHEN, Sen Li, TW  
[71] CHEN, Sen Li, TW  
[22] 1998-03-27  
[43] 1999-09-27

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[21] **2,233,433**  
[13] A1

[51] **Int.Cl. 6B29C 45/74**  
[25] EN  
[54] **INJECTION MOLDING CYLINDRICAL MANIFOLD INSERT AND METHOD**  
[54] **INSERT DE DISTRIBUTEUR CYLINDRIQUE POUR MOULAGE PAR INJECTION ET METHODE CONNEXE**  
[72] GELLERT, JOBST ULRICH, CA  
[72] ZHUANG, Helen, CA  
[71] MOLD-MASTERS LIMITED, CA  
[22] 1998-03-27  
[43] 1999-09-27

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[21] **2,233,435**  
[13] A1

[51] **Int.Cl. 6G06F 9/46 6G06F 9/44**  
[25] EN  
[54] **ENHANCED PROGRAM COUNTER STACK FOR MULTI-TASKING CENTRAL PROCESSING UNIT**  
[54] **PILE AMELIOREE DE COMPTEURS D'INSTRUCTIONS POUR UNITE CENTRALE MULTITACHE**  
[72] PREDKO, Mike, CA  
[71] Celestica, Inc., CA  
[22] 1998-03-27  
[43] 1999-09-27

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[21] **2,233,475**  
[13] A1

[51] **Int.Cl. 6F23G 7/00**  
[25] EN  
[54] **INCINERATION PROCESS**  
[54] **PROCEDE D'INCINERATION**  
[72] STRMEN, Jan, ZZ  
[71] Material Resource Recovery SRBP Inc., CA  
[22] 1998-03-27  
[43] 1999-09-27

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[21] **2,233,490**  
[13] A1

[51] **Int.Cl. 6G01R 23/00 6H04B 17/00 6H04Q 7/34 6H04B 1/76**  
[25] EN  
[54] **PILOT TONE DETECTOR**  
[54] **DETECTEUR DE FREQUENCE PILOTE**  
[72] WILLIAMS, Robby Gordon, CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1998-03-27  
[43] 1999-09-27

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[21] **2,233,491**  
[13] A1

[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **ATM ADAPTION LAYER TRAFFIC SCHEDULING**  
[54] **PLANIFICATION DU TRAFIC A L'AIDE D'UNE COUCHE D'ADAPTATION ATM**  
[72] DUBUC, Ken, CA  
[71] NEWBRIDGE NETWORKS CORPORATION, CA  
[22] 1998-03-30  
[43] 1999-09-30

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[21] **2,233,492**  
[13] A1  
[51] **Int.Cl. 6B29C 45/20**  
[25] EN  
[54] **INJECTION MOLDING NOZZLE ARRANGEMENT**  
[54] **MECANISME DE BUSE POUR MOULAGE PAR INJECTION**  
[72] TRAVAGLINI, Vincent, CA  
[71] TRADESCO MOLD LIMITED, CA  
[22] 1998-03-30  
[43] 1999-09-30

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[21] **2,233,494**  
[13] A1  
[51] **Int.Cl. 6B22D 17/24**  
[25] EN  
[54] **POSITIONING DEVICE FOR SLIDABLE CORE**  
[54] **DISPOSITIF DE POSITIONNEMENT D'UN POINCON MOBILE**  
[72] RICHARDSON, Fraser, CA  
[71] AMCAN CASTINGS LIMITED, CA  
[22] 1998-03-30  
[43] 1999-09-30

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[21] **2,233,504**  
[13] A1  
[51] **Int.Cl. 6E06C 7/14**  
[25] EN  
[54] **TRAY FOR STEP-LADDER**  
[54] **PLATEAU POUR ESCABEAU**  
[72] CLOSS, Terry Alan, CA  
[71] CLOSS, Terry Alan, CA  
[22] 1998-03-30  
[43] 1999-09-30

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[21] **2,233,512**  
[13] A1  
[51] **Int.Cl. 6B01D 36/04**  
[25] EN  
[54] **SOLVENT RECOVERY APPARATUS AND METHOD**  
[54] **APPAREIL ET METHODE DE RECUPERATION DE SOLVANTS**  
[72] TANGELDER, Bernardus Murray Antoine Henri, CA  
[72] DUNN, Kenneth Oswald, CA  
[72] ZAVARISE, Dino Louis, CA  
[71] TORONTO STAR NEWSPAPERS LTD., CA  
[22] 1998-03-30  
[43] 1999-09-30

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[21] **2,233,513**  
[13] A1  
[51] **Int.Cl. 6B25B 33/00 6F16B 13/00**  
[25] EN  
[54] **ANCHOR INSERTION AND ANCHORING TOOL**  
[54] **INSERTION D'UNE ANCRE ET OUTIL D'ANCRAGE**  
[72] COUSINEAU, Robert, CA  
[71] COUSINEAU, Robert, CA  
[22] 1998-03-30  
[43] 1999-09-30

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[21] **2,233,517**  
[13] A1  
[51] **Int.Cl. 6E01C 5/20 6E01C 9/08**  
[25] EN  
[54] **PLATFORM COMPONENTS FOR ASSEMBLY INTO TRACKWAYS OR THE LIKE**  
[54] **COMPOSANTS DE PLATEFORMES POUR ASSEMBLAGE DE PISTES OU D'ELEMENTS SEMBLABLES**  
[72] DE ZEN, Vic, CA  
[72] HOEDL, Herbert K., CA  
[71] ROYAL ECOPRODUCTS LIMITED, CA  
[22] 1998-03-30  
[43] 1999-09-30

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[21] **2,233,518**  
[13] A1  
[51] **Int.Cl. 6C22B 3/12 6C22B 19/00**  
[25] EN  
[54] **METHOD FOR SEPARATING ZINC**  
[54] **METHODE DE SEPARATION DU ZINC**  
[72] VAN TRANG, Cuong, ZZ  
[72] SILVA, Christopher J., ZZ  
[72] FERRON, Cesar J., ZZ  
[72] WAGNER, Richard H. O., ZZ  
[71] LAKEFIELD RESEARCH LIMITED, CA  
[22] 1998-03-30  
[43] 1999-09-30

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[21] **2,233,527**  
[13] A1  
[51] **Int.Cl. 6H03K 6/02**  
[25] EN  
[54] **PULSE AMPLIFIER WITH LOW-DUTY CYCLE ERRORS**  
[54] **AMPLIFICATEUR D'IMPULSIONS A FAIBLE TAUX D'ERREURS DE CYCLE DE TRAVAIL**  
[72] ANDERSSON, Bengt-Olov, SE  
[71] Mitel Semiconductor AB, SE  
[22] 1998-03-30  
[43] 1999-09-30

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[21] **2,233,530**  
[13] A1  
[51] **Int.Cl. 6G01R 25/00**  
[25] EN  
[54] **PIPELINED PHASE DETECTOR FOR CLOCK RECOVERY SYSTEMS**  
[54] **COMPARATEUR DE PHASE PIPELINE POUR DES SYSTEMES DE RECUPERATION DE RYTHME**  
[72] WEI, Fangxing, CA  
[72] KWASNIEWSKI, Tadeusz, CA  
[71] WEI, Fangxing, CA  
[71] KWASNIEWSKI, Tadeusz, CA  
[22] 1998-03-30  
[43] 1999-09-30

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[21] **2,233,532**  
[13] A1  
[51] **Int.Cl. 6H01M 2/30 6H01M 2/04**  
[25] EN  
[54] **BATTERY CAN-FORMING PLATE AND METHOD OF MANUFACTURING THE PLATE**  
[54] **PLAQUE DE BATTERIE ET METHODE DE FABRICATION DE CELLE-CI**  
[72] SUGIKAWA, Hirofumi, JP  
[71] KATAYAMA SPECIAL INDUSTRIES, LTD., JP  
[22] 1998-03-30  
[43] 1999-09-30

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[21] **2,233,645**  
[13] A1

[51] **Int.Cl. 6G05D 9/12 6G08C 17/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR THE CORDLESS REMOTE CONTROL OF A FILLING FUNCTION OF A MOBILE VEHICLE**  
[54] **APPAREIL ET METHODE POUR LA COMMANDE A DISTANCE ET SANS FIL DU REMPLISSAGE D'UN VEHICULE MOBILE**  
[72] MARLEY, Michael, US  
[72] EPWORTH, Roger W., US  
[71] I C E M ENTERPRISES INC., US  
[22] 1998-04-01  
[43] 1999-10-01

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[21] **2,233,654**  
[13] A1

[51] **Int.Cl. 6C07C 205/16 6C07C 213/02 6C07C 215/30**  
[25] EN  
[54] **(1R\*,2S\*)-1-PHENYL-2-NITROALCOHOLS AND METHOD FOR PRODUCING SAME**  
[54] **(1R\*,2S\*)-1-PHENYL-2-NITROALCOOL ET METHODE DE PRODUCTION CONNEXE**  
[72] BAXTER, C. Edward, Jr., US  
[71] AMVAC CHEMICAL CORPORATION, US  
[22] 1998-04-01  
[43] 1999-10-01

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[21] **2,233,696**  
[13] A1

[51] **Int.Cl. 6B62K 3/12 6B62M 1/00 6B62J 1/14**  
[25] EN  
[54] **DOUBLE DECKER BICYCLE**  
[54] **BICYCLETTE A ETAGE**  
[72] JAARSMA, Adrian, CA  
[71] JAARSMA, Adrian, CA  
[22] 1998-04-02  
[43] 1999-10-02

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[21] **2,233,697**  
[13] A1

[51] **Int.Cl. 6B01D 29/25 6B65D 47/06**  
[25] EN  
[54] **BUNG SCREEN**  
[54] **TAMIS DE BONDE**  
[72] KAY, Ken M., CA  
[71] KAY, Ken M., CA  
[22] 1998-04-02  
[43] 1999-10-02

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[21] **2,233,706**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6G01N 33/564 6G01N 33/566**  
[25] EN  
[54] **BRADYKININ B1 RECEPTOR FOR THE DIAGNOSIS OF INFLAMMATORY DISEASES AND USES IN DRUG SCREENING**  
[54] **RECEPTEUR BRADYKININE B1 POUR LE DIAGNOSTIC DE MALADIES INFLAMMATOIRES ET UTILISATIONS AUX FINS DE DEPISTAGE SYSTEMATIQUE DES DROGUES**  
[72] PRAT, Alexandre, CA  
[72] ANTEL, Jack P., CA  
[71] McGill University, CA  
[22] 1998-04-01  
[43] 1999-10-01

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[21] **2,233,724**  
[13] A1

[51] **Int.Cl. 6G01N 33/74 6G01N 33/53**  
[25] EN  
[54] **PREDICTING AND DETECTING CARDIAC ALLOGRAFT REJECTION**  
[54] **PREVISION ET DETECTION DU REJET D'UNE HOMOGREFFE CARDIAQUE**  
[72] DE BOLD, Adolfo J., CA  
[71] Ottawa Heart Institute Research Corporation, CA  
[22] 1998-03-31  
[43] 1999-09-30

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[21] **2,233,725**  
[13] A1

[51] **Int.Cl. 6A61K 47/48 6C08B 31/00 6A61K 38/42**  
[25] EN  
[54] **HEMOGLOBIN-HYDROXYETHYL STARCH COMPLEXES**  
[54] **COMPLEXES D'AMIDON HYDROXYETHYLES D'HEMOGLOBINE**  
[72] ADAMSON, J. Gordon, CA  
[71] HEMOSOL INC., CA  
[22] 1998-03-31  
[43] 1999-09-30

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[21] **2,233,736**  
[13] A1

[51] **Int.Cl. 6A61K 51/04 6A61M 36/00 6G01T 1/161**  
[25] EN  
[54] **TUMOUR IMAGING AND THERAPEUTIC AGENTS**  
[54] **IMAGERIE DES TUMEURS ET AGENTS THERAPEUTIQUES**  
[72] JOSHUA, Alummoottil Varghese, CA  
[72] SCOTT, John Robert, CA  
[72] McEWAN, Alexander James Baird, CA  
[71] Alberta Cancer Board, CA  
[22] 1998-03-31  
[43] 1999-09-30

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[21] **2,233,738**  
[13] A1

[51] **Int.Cl. 6B61B 13/04 6B60L 13/00**  
[25] EN  
[54] **MONORAIL SYSTEM**  
[54] **MONORAIL**  
[72] SVENSSON, Einar, US  
[71] SVENSSON, Einar, US  
[22] 1998-03-31  
[43] 1999-09-30

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[21] **2,233,739**  
[13] A1

[51] **Int.Cl. 6A01G 23/14**  
[25] EN  
[54] **DEVICE FOR COLLECTING SAP**  
[54] **DISPOSITIF DE RECOLTE DE LA SEVE**  
[72] CHABOT, Jean-Marie, CA  
[71] LES ÉQUIPEMENTS D'ÉRABLIÈRE CDL INC., CA  
[22] 1998-03-31  
[43] 1999-09-30

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[21] **2,233,740**  
[13] A1

[51] **Int.Cl. 6E06B 7/16 6E06B 3/30**  
[25] EN  
[54] **WEATHERTIGHT DOORFRAME ASSEMBLY**  
[54] **ENSEMBLE D'ENCADREMENT DE PORTE ETANCHE (AUX INTEMPERIES)**  
[72] NADEAU, Bertrand, CA  
[72] LAVERTUE, Alain, CA  
[72] NADEAU, Raoul, CA  
[72] BOUTIN, Benoît, CA  
[72] ROULEAU, Hugues, CA  
[71] LAFLAMME PORTES ET FENETRES, CA  
[22] 1998-03-31  
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[13] A1  
[51] **Int.Cl. 6A61K 38/05**  
[25] EN  
[54] **MEDICINE**  
[54] **MEDICAMENT**  
[72] FULLER, John Harry, GB  
[72] CUNNINGHAM, Stephen Robert, CA  
[71] ZENECA LIMITED, GB  
[22] 1998-03-31  
[43] 1999-09-30

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[21] **2,233,752**  
[13] A1  
[51] **Int.Cl. 6B63B 3/08 6B63H 11/04**  
[25] EN  
[54] **SYSTEM FOR ATTACHING A PERSONAL WATERCRAFT TO AN UNPOWERED HULL**  
[54] **SYSTEME D'AMARRAGE POUR VEHICULES MARINS SANS PROPULSION MOTORISEE**  
[72] STAUNING, Paul, CA  
[72] ROBINSON, Rick, CA  
[72] STAUNING, Vern, CA  
[71] STAUNING, Paul, CA  
[71] ROBINSON, Rick, CA  
[71] STAUNING, Vern, CA  
[22] 1998-03-26  
[43] 1999-09-26

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[21] **2,233,756**  
[13] A1  
[51] **Int.Cl. 6F42D 1/05 6F42D 3/04**  
[25] EN  
[54] **ELECTRIC PULSE BLASTING DEVICE**  
[54] **DISPOSITIF DE TIR A IMPULSION ELECTRIQUE**  
[72] unknown, ZZ  
[71] Ontario Hydro, CA  
[22] 1998-04-02  
[43] 1999-10-02

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[21] **2,233,763**  
[13] A1  
[51] **Int.Cl. 6H02G 5/06**  
[25] EN  
[54] **ELECTRICAL STATION**  
[54] **STATION ELECTRIQUE**  
[72] VERBEEK, Steve, CA  
[72] MAKERWICZ, Genadij, CA  
[72] HELLWIG, John, CA  
[71] TEKNION FURNITURE SYSTEMS, CA  
[22] 1998-03-31  
[43] 1999-09-30

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[21] **2,233,779**  
[13] A1  
[51] **Int.Cl. 6C23C 22/03**  
[25] EN  
[54] **COATING TECHNIQUE**  
[54] **METHODE DE REVETEMENT**  
[72] BZOWSKI, Arthur, CA  
[72] KASRAI, Masoud, CA  
[72] DE JONG, Kathy, CA  
[72] SUOMINEN FULLER, Marina, CA  
[72] BANCROFT, G. Michael, CA  
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA  
[22] 1998-04-01  
[43] 1999-10-01

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[21] **2,233,781**  
[13] A1  
[51] **Int.Cl. 6G09F 19/02 6G09F 7/18 6B65G 17/34**  
[25] EN  
[54] **APPARATUS FOR DISPLAYING ADVERTISING INFORMATION ON CONVEYOR PANELS**  
[54] **APPAREIL POUR AFFICHER DE L'INFORMATION PUBLICITAIRE SUR DES PANNEAUX DE CONVOYEURS**  
[72] HINE, Laurence J., CA  
[71] HINE, Laurence J., CA  
[22] 1998-04-01  
[43] 1999-10-01

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[21] **2,233,789**  
[13] A1  
[51] **Int.Cl. 6G11C 11/401**  
[25] EN  
[54] **SEMICONDUCTOR MEMORY ASYNCHRONOUS PIPELINE**  
[54] **PIPELINE ASYNCHRONE AVEC MEMOIRE A SEMI-CONDUCTEUR**  
[72] MES, Ian, CA  
[71] MOSAID TECHNOLOGIES, INCORPORATED, CA  
[22] 1998-04-01  
[43] 1999-10-01

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[21] **2,233,790**  
[13] A1  
[51] **Int.Cl. 6F16D 69/04 6B23P 19/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR LINED CLUTCH PLATE**  
[54] **METHODE ET APPAREIL POUR DISQUES D'EMBRAYAGE GARNIS**  
[72] GUITAR, Gregory J., US  
[72] STEFANUTTI, Oscar E., US  
[72] WILLWERTH, John, US  
[71] AUTOMOTIVE COMPOSITES COMPANY, US  
[22] 1998-04-01  
[43] 1999-10-01

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[21] **2,233,796**  
[13] A1  
[51] **Int.Cl. 6H01J 61/56 6F21V 19/00**  
[25] EN  
[54] **PL LAMP HOLDER**  
[54] **SUPPORT A LAMPE « PL »**  
[72] WANG, Chen-Feng, TW  
[71] POWERONE ELECTRONIC CO., LTD., TW  
[22] 1998-04-01  
[43] 1999-10-01

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[21] **2,233,802**  
[13] A1  
[51] **Int.Cl. 6H01F 3/00**  
[25] EN  
[54] **BOBBIN WITH INTEGRAL SUPPORT TABS**  
[54] **BOBINETTE AVEC PLAQUETTES DE SOUTIEN INTEGRAL**  
[72] ROWE, Franklin, US  
[71] TRANS-COIL, INC., US  
[22] 1998-03-31  
[43] 1999-09-30

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[21] **2,233,817**  
[13] A1  
[51] **Int.Cl. 6F16L 1/028 6E03F 3/06**  
[25] EN  
[54] **TRENCHLESS REPLACEMENT OF SMALLER DIAMETER PIPE SECTIONS**  
[54] **REPLACEMENT SANS FOSSE DE PETITS TRONCONS DE CANALISATION**  
[72] KENNEDY, Dale Bradley, CA  
[71] Trenchless Replacement Services Limited, CA  
[22] 1998-03-31  
[43] 1999-09-30

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[21] **2,233,818**  
[13] A1

[51] **Int.Cl. 6H01M 2/12**  
[25] EN  
[54] **WATER TOP-UP PLUG FOR BATTERIES CONTAINING A LIQUID ELECTROLYTE**  
[54] **BOUCHON DE REMPLISSAGE D'EAU POUR BATTERIES CONTENANT UN ELECTROLYTE LIQUIDE**  
[72] LANDAU, Reinhard, DE  
[71] LANDAU, Reinhard, DE  
[22] 1998-04-02  
[43] 1999-10-02

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[21] **2,233,824**  
[13] A1

[51] **Int.Cl. 6A47B 96/00**  
[25] EN  
[54] **FILE STORAGE TOWER STRUCTURE**  
[54] **TOUR POUR RANGER DES DOSSIERS**  
[72] HEWITT, Lee, CA  
[72] VERBEEK, Steve, CA  
[72] HELLWIG, John, CA  
[71] TEKNION FURNITURE SYSTEMS, CA  
[22] 1998-03-31  
[43] 1999-09-30

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[21] **2,233,826**  
[13] A1

[51] **Int.Cl. 6A47G 5/00 6E06B 9/24 6E04B 2/74**  
[25] EN  
[54] **MOBILE VARIABLE LENGTH SCREEN**  
[54] **CLOISON MOBILE DE LONGUEUR VARIABLE**  
[72] MILLIGAN, Geoffrey, CA  
[72] HELLWIG, John, CA  
[72] MARANGONI, Lori, CA  
[71] TEKNION FURNITURE SYSTEMS, CA  
[22] 1998-03-31  
[43] 1999-09-30

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[21] **2,233,831**  
[13] A1

[51] **Int.Cl. 6H03M 1/66**  
[25] EN  
[54] **DIGITAL-SIGMA FRACTIONAL-N SYNTHESIZER**  
[54] **SYNTHETISEUR FRACTIONNAIRE-N NUMERIQUE SIGMA**  
[72] RILEY, Tom, CA  
[71] Philips Electronics Inc., CA  
[22] 1998-03-31  
[43] 1999-09-30

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[21] **2,233,849**  
[13] A1

[51] **Int.Cl. 6G02B 6/126**  
[25] EN  
[54] **INTEGRATED POLARIZATION COMPENSATOR FOR POLARIZATION INSENSITIVE WAVELENGTH MULTI/DEMULTIPLEXERS BASED ON WAVEGUIDE DIFFRACTION GRATINGS**  
[54] **COMPENSATEUR DE POLARISATION INTEGRE POUR MULTIPLEXEURS-DEMUTIPLEXEURS EN LONGUEUR D'ONDE INSENSIBLES A LA POLARISATION, FONDE SUR DES RESEAUX DE DIFFRACTION DE GUIDES D'ONDES**  
[72] KOTELES, Emil S., CA  
[72] HE, Jian-Jun, CA  
[72] LAMONTAGNE, Boris, CA  
[72] ERICKSON, Lynden E., CA  
[72] DELAGE, Andre, CA  
[71] KOTELES, Emil S., CA  
[71] HE, Jian-Jun, CA  
[71] LAMONTAGNE, Boris, CA  
[71] ERICKSON, Lynden E., CA  
[71] DELAGE, Andre, CA  
[22] 1998-03-31  
[43] 1999-09-30

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[21] **2,233,854**  
[13] A1

[51] **Int.Cl. 6H01K 3/02 6H01J 9/02**  
[25] EN  
[54] **METHOD FOR PRODUCING HELICALLY WOUND FILAMENT ELEMENTS, AND FILAMENT ELEMENTS PRODUCED ACCORDING TO THIS METHOD**  
[54] **METHODE DE FABRICATION D'ELEMENTS DE CHAUFFAGE A ENROULEMENT HELICOIDAL, ET ELEMENTS DE CHAUFFAGE FABRIQUES SELON CETTE METHODE**  
[72] LIERMANN, Hans, DE  
[72] SCHMIDT, Peter, DE  
[72] SPRENGER, Reinhard, DE  
[72] EDER, Juergen, DE  
[71] Patent-Treuhand-Gesellschaft für elektrische Gluehlampen mbH, DE  
[22] 1998-04-02  
[43] 1999-10-02

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[21] **2,233,890**  
[13] A1

[51] **Int.Cl. 6D04B 3/02**  
[25] EN  
[54] **A KNITTING NEEDLE WITH MEASURING INDICIA**  
[54] **AIGUILLE A TRICOTER AVEC INDICATION DE MESURE**  
[72] CICINSKI, Heather, CA  
[71] CICINSKI, Heather, CA  
[22] 1998-04-02  
[43] 1999-10-02

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[21] **2,233,915**  
[13] A1

[51] **Int.Cl. 6G03B 21/64**  
[25] EN  
[54] **STEREO SLIDE MOUNT**  
[54] **BLOC DE MONTAGE DE DIAPOSITIVES STEREO**  
[72] INABA, Minoru, JP  
[71] INABA, Minoru, JP  
[22] 1998-04-02  
[43] 1999-10-02



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[13] A1  
[51] **Int.Cl. 6E02F 5/10 6B61D 15/00 6H02G 9/02 6H02G 1/06 6G02B 6/50**  
[25] EN  
[54] **METHOD AND APPARATUS FOR BUYING CABLE IN A RAILWAY BED**  
[54] **METHODE ET APPAREIL D'ACHAT DE CABLES DANS UN LIT DE VOIE FERREE**  
[72] JACKSON, Andrew Smith, CA  
[72] NYE, Mark E., CA  
[72] STENE, Bernie A., CA  
[72] DESMARAIS, Lionel Charles, CA  
[71] LEDCOR INDUSTRIES LIMITED, CA  
[22] 1998-04-02  
[43] 1999-10-02

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[21] **2,234,200**  
[13] A1  
[51] **Int.Cl. 6F23G 7/00**  
[25] EN  
[54] **INCINERATION PROCESS**  
[54] **PROCEDE D'INCINERATION**  
[72] STRMEN, Jan, ZZ  
[71] Material Resource Recovery SRBP Inc., CA  
[22] 1998-04-06  
[43] 1999-09-27  
[30] CA (2233475) 1998-03-27

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[21] **2,234,292**  
[13] A1  
[51] **Int.Cl. 6A61G 5/02**  
[25] EN  
[54] **WHEELCHAIR ANTI-TIPPING DEVICE**  
[54] **DISPOSITIF ANTI-BASCULEMENT POUR FAUTEUIL ROULANT**  
[72] KRAFT, Laura, CA  
[72] MANARIN, Doug, CA  
[72] GALLAGHER, Emerson, CA  
[72] BLOK, Janice, CA  
[71] GEER PRODUCTS LTD., CA  
[22] 1998-04-02  
[43] 1999-10-02

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[13] A1  
[51] **Int.Cl. 6G03B 21/64**  
[25] EN  
[54] **STEREO SLIDE MOUNT**  
[54] **BLOC DE MONTAGE DE DIAPOSITIVES STEREO**  
[72] INABA, Minoru, JP  
[71] INABA, Minoru, JP  
[22] 1998-04-02  
[43] 1999-10-02

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[21] **2,234,311**  
[13] A1  
[51] **Int.Cl. 6F21V 17/06**  
[25] EN  
[54] **LIGHT FIXTURE**  
[54] **LUMINAIRE EXTERIEUR**  
[72] ILAGAN, Artemio, US  
[71] ILAGAN, Artemio, US  
[22] 1998-04-02  
[43] 1999-10-02

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[21] **2,234,920**  
[13] A1  
[51] **Int.Cl. 6F04B 49/02 6F04B 47/00 6F04B 49/10**  
[25] EN  
[54] **SAFETY COUPLING FOR ROTARY PUMP**  
[54] **RACCORD DE S RETE POUR POMPE ROTATIVE**  
[72] MILLS, Robert A. R., CA  
[71] KUDU INDUSTRIES INC., CA  
[22] 1998-05-11  
[43] 1999-09-27  
[30] US (09/049,900) 1998-03-27

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[21] **2,235,020**  
[13] A1  
[51] **Int.Cl. 6G21C 9/016**  
[25] EN  
[54] **CORE MELT COLLECTOR**  
[54] **COLLECTEUR DES DEBRIS FONDUS DU COEUR (D'UN REACTEUR NUCLEAIRE)**  
[72] BACH, F.W., DE  
[72] SAPPOK, Manfred, DE  
[71] SIEMPELKAMP GUSS- UND ANLAGENTECHNIK HOLDING GMBH & CO., DE  
[22] 1998-05-13  
[43] 1999-09-30  
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[51] **Int.Cl. 6B41F 31/02**  
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[54] **MECANISME DE FIXATION D'UNE ALVEOLE D'ENCRE**  
[72] HO, Wang Man, HK  
[71] HO, Wang Man, HK  
[22] 1998-04-20  
[43] 1999-09-27  
[30] HK (98102630.5) 1998-03-27

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[21] **2,236,127**  
[13] A1  
[51] **Int.Cl. 6C07D 211/70**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF PIPERIDINYLDENE DERIVATIVE**  
[54] **PROCESSUS DE FABRICATION D'UN DERIVE DE PIPERIDINYLDENE**  
[72] SEIDO, Nobuo, JP  
[72] NISHIKAWA, Takenobu, JP  
[71] TAKASAGO INTERNATIONAL CORPORATION, JP  
[22] 1998-04-29  
[43] 1999-09-30  
[30] JP (10-103748) 1998-03-31

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[21] **2,236,827**  
[13] A1  
[51] **Int.Cl. 6G01N 33/53 6C07D 405/12 6C07D 209/42 6C07C 311/45 6C07D 307/54**  
[25] EN  
[54] **METHODS OF IDENTIFYING ANTAGONISTS OF GLYCOSAMINOGLYCAN-PROTEIN INTERACTIONS**  
[54] **METHODES D'IDENTIFICATION D'ANTAGONISTES INHIBANT LES INTERACTIONS DE PROTEINES A BASE DE GLYCOSAMINOGLYCANE**  
[72] RUSCHE, James R., US  
[72] HERLIHY, Walter C., US  
[71] REPLIGEN CORPORATION, US  
[22] 1998-06-09  
[43] 1999-09-30  
[30] US (09/052,495) 1998-03-30

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[21] **2,237,491**  
[13] A1

[51] **Int.Cl. 6C02F 1/78**  
[25] EN  
[54] **SAND FILTRATION FILTERING SYSTEM USING OZONE**  
[54] **SYSTEME DE FILTRAGE SUR SABLE L'AIDE D'OZONE**  
[72] GIEBEL, Kenneth W., US  
[72] STEINER, Carl A., US  
[72] JACKSON, Ricky L., US  
[71] TM INDUSTRIAL SUPPLY, INC., US  
[22] 1998-05-13  
[43] 1999-09-30  
[30] US (09/052,595) 1998-03-31

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[21] **2,238,421**  
[13] A1

[51] **Int.Cl. 6B65D 1/40 6B65D 1/02**  
[25] EN  
[54] **BEVERAGE CONTAINER RECIPIENT A BOISSON**  
[72] ROTH, Marc W., US  
[72] CONRAD, George, US  
[72] HENDERSON, John P., US  
[72] DAWSON, Darryl J., US  
[71] BALL CORPORATION, US  
[22] 1998-05-25  
[43] 1999-09-27  
[30] US (09/049,582) 1998-03-27

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[21] **2,239,274**  
[13] A1

[51] **Int.Cl. 6H04N 5/38**  
[25] EN  
[54] **COMMON HIGH-POWER AMPLIFICATION OF ADJACENT-CHANNEL SIGNALS**  
[54] **AMPLIFICATION COMMUNE A GRANDE PUISSANCE DE SIGNAUX DE CANAUX CONTIGUS**  
[72] HULICK, Timothy P., US  
[71] ACRODYNE INDUSTRIES, INC., US  
[22] 1998-05-29  
[43] 1999-09-30  
[30] US (09/050,109) 1998-03-30

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[21] **2,238,218**  
[13] A1

[51] **Int.Cl. 6B60T 17/04 6F16K 5/06**  
[25] EN  
[54] **BALL COCK FOR RAILWAY VEHICLE**  
[54] **CLAPET A BILLE POUR VEHICULE FERROVIAIRE**  
[72] SUETAKA, Yoshio, JP  
[72] ASANO, Yoshio, JP  
[72] AKAMATSU, Osamu, JP  
[72] MORITA, Mitsumasa, JP  
[71] NABCO LTD., JP  
[22] 1998-05-21  
[43] 1999-09-30  
[30] US (050,690) 1998-03-30

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[21] **2,238,546**  
[13] A1

[51] **Int.Cl. 6B61G 9/12**  
[25] EN  
[54] **A METHOD FOR INSTALLING A LOCKING WEDGE AND CARRIER PLATE ASSEMBLY**  
[54] **METHODE D'INSTALLATION D'UN ASSEMBLAGE COMPRENANT UN COIN DE SERRAGE ET UNE PLAQUE-SUPPORT**  
[72] DAUGHERTY, David W., Jr., US  
[72] RING, Michael E., US  
[72] NATSCHKE, Scott, US  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1998-05-26  
[43] 1999-09-27  
[30] US (049,519) 1998-03-27

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[21] **2,240,368**  
[13] A1

[51] **Int.Cl. 6F23D 14/10 6B23K 5/00**  
[25] EN  
[54] **MIXING NOZZLE**  
[54] **BUSE MELANGEUSE**  
[72] OCSAI, Mike, CA  
[71] OCSAI, Mike, CA  
[22] 1998-06-11  
[43] 1999-09-27  
[30] US (09/048,796) 1998-03-27

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[21] **2,242,192**  
[13] A1

[51] **Int.Cl. 6C02F 9/00**  
[25] EN  
[54] **SEWAGE PURIFICATION PLANT**  
[54] **STATION D'EPURATION DES EAUX D'EGOUT**  
[72] SANDAHL, Tommy, SE  
[71] WALLAX MILJO AB, SE  
[22] 1998-07-03  
[43] 1999-10-01  
[30] SE (9801149-7) 1998-04-01

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[21] **2,238,367**  
[13] A1

[51] **Int.Cl. 6B61G 9/12 6B61G 9/20**  
[25] EN  
[54] **A CARRIER PLATE ASSEMBLY FOR A SLACKLESS DRAWBAR ASSEMBLY**  
[54] **PLAQUE-SUPPORT POUR ENSEMBLE DE BARRE DE TRACTION SANS JEU**  
[72] DAUGHERTY, David W., Jr., US  
[72] NATSCHKE, Scott, US  
[72] RING, Michael E., US  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1998-05-22  
[43] 1999-09-27  
[30] US (049,262) 1998-03-27

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[21] **2,238,550**  
[13] A1

[51] **Int.Cl. 6B61G 9/20 6B61G 9/12**  
[25] EN  
[54] **A LOCKING WEDGE ASSEMBLY FOR A SLACKLESS DRAWBAR ASSEMBLY**  
[54] **COIN DE SERRAGE POUR ENSEMBLE DE BARRE DE TRACTION SANS JEU**  
[72] RING, Michael E., US  
[72] DAUGHERTY, David W., Jr., US  
[72] NATSCHKE, Scott, US  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1998-05-26  
[43] 1999-09-27  
[30] US (049,553) 1998-03-27

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[21] **2,243,414**  
[13] A1

[51] **Int.Cl. 6G05D 23/275**  
[25] EN  
[54] **BOTTOM BYPASS STRUCTURE OF THERMOSTAT DEVICE**  
[54] **STRUCTURE DE CONTOURNEMENT INFERIEURE POUR DISPOSITIF DE THERMOSTAT**  
[72] SUDA, Hiroshi, JP  
[72] UENO, Shozo, JP  
[71] NIPPON THERMOSAT CO., LTD., JP  
[22] 1998-07-20  
[43] 1999-10-01  
[30] JP (HEI 10-87851) 1998-04-01

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[13] A1

[51] **Int.Cl. 6G01L 1/00 6B65H 77/00**  
[25] EN  
[54] **CANTILEVER TRANSDUCER**  
[54] **TRANSDUCTEUR DE CONSOLE**  
[72] CALLENDRIER, Thierry, US  
[71] CLEVELAND MOTION CONTROLS, INC., US  
[22] 1998-07-23  
[43] 1999-10-02  
[30] US (09/053,800) 1998-04-02

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[21] **2,245,200**  
[13] A1

[51] **Int.Cl. 6G01F 1/00 6A01C 7/20**  
[25] EN  
[54] **FLOW MONITORING SYSTEM FOR PARTICULATE METERING SYSTEM**  
[54] **SYSTEME DE CONTROLE DE DEBIT POUR UN SYSTEME DE MESURE DES PARTICULES**  
[72] LITTKE, Jerry, US  
[71] CASE CORPORATION, US  
[22] 1998-08-17  
[43] 1999-10-01  
[30] US (09/053,185) 1998-04-01

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[21] **2,245,270**  
[13] A1

[51] **Int.Cl. 6G01S 13/52 6G01S 13/90**  
[25] EN  
[54] **METHOD AND SYSTEM FOR DETECTING MOVING OBJECTS USING A SYNTHETIC APERTURE RADAR SYSTEM**  
[54] **METHODE ET SYSTEME DE DETECTION DE CORPS EN MOUVEMENT A L'AIDE D'UN SYSTEME RADAR A OUVERTURE SYNTHETIQUE**  
[72] PETTY, Joe V., US  
[71] LOCKHEED MARTIN CORPORATION, US  
[22] 1998-08-07  
[43] 1999-09-27  
[30] US (09/049,499) 1998-03-27

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[13] A1

[51] **Int.Cl. 6G06F 3/12 6B41J 29/00 6B41L 43/12 6B27F 7/17**  
[25] EN  
[54] **DYNAMIC STAPLING**  
[54] **AGRAFAGE DYNAMIQUE**  
[72] BIGI, Michael J., US  
[71] TOSHIBA AMERICA INFORMATION SYSTEMS, INC., US  
[22] 1998-08-21  
[43] 1999-09-27  
[30] US (09/049,298) 1998-03-27

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[21] **2,246,016**  
[13] A1

[51] **Int.Cl. 6H01R 4/36**  
[25] EN  
[54] **ENCAPSULATED ELECTRICAL CONNECTOR**  
[54] **CONNECTEUR ELECTRIQUE ENCAPSULE**  
[72] PRIVETT, Franklin D., US  
[71] CONNECTOR MANUFACTURING COMPANY, US  
[22] 1998-09-01  
[43] 1999-09-26  
[30] US (09/048,707) 1998-03-26

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[21] **2,248,431**  
[13] A1

[51] **Int.Cl. 6E04B 1/04 6E04B 1/14**  
[25] EN  
[54] **METHOD OF IMPROVING DURABILITY OF A BUILDING, BUILDING, FAR-INFRARED RADIATION THERMAL STORAGE FLOOR HEATING SYSTEM, AND METHOD OF IMPROVING SOIL OF BUILDING LOT**  
[54] **METHODE POUR AMELIORER LA DURABILITE D'UN IMMEUBLE, IMMEUBLE, SYSTEME DE CHAUFFAGE PAR LE PLANCHER A RAYONNEMENT INFRAROUGE LOINTAIN ET A STOCKAGE THERMIQUE, ET METHODE POUR AMELIORER LE SOL D'UN TERRAIN**  
[72] MAEDA, Isamu, JP  
[71] SCANDINAVIA HOME CO., LTD., JP  
[22] 1998-09-25  
[43] 1999-10-01  
[30] JP (10-88603) 1998-04-01  
[30] JP (10-99676) 1998-04-10

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[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 39/00 6A61K 48/00 6A61K 38/17 6C07K 16/18 6C07K 14/47 6G01N 33/53 6G01N 33/569 6C12Q 1/68 6A61K 31/70**  
[25] EN  
[54] **NOVEL COMPOUNDS**  
[54] **NOUVEAUX COMPOSES**  
[72] DUCKWORTH, David Malcolm, GB  
[71] SMITHKLINE BEECHAM P.L.C., GB  
[22] 1998-10-28  
[43] 1999-10-01  
[30] GB (9807082.4) 1998-04-01  
[30] GB (9815489.1) 1998-07-16

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[21] **2,250,727**  
[13] A1

[51] **Int.Cl. 6B26D 1/36 6B27G 15/00 6B26D 1/15 6B27B 33/18**  
[25] EN  
[54] **LARGE HOLE CUTTER**  
[54] **GRAND COUPE-TROU**  
[72] YOUNG, Ralph C., US  
[71] YOUNG, Ralph C., US  
[22] 1998-10-20  
[43] 1999-09-30  
[30] US (08/050,875) 1998-03-31

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[21] **2,251,162**  
[13] A1

[51] **Int.Cl. 6G06F 7/556 6H04L 9/30**  
[25] EN  
[54] **HIGH SPEED MONTGOMERY VALUE CALCULATION**  
[54] **CALCUL TRES RAPIDE DE VALEURS DE MONTGOMERY**  
[72] MCGREGOR, Matthew Scott, US  
[71] RAINBOW TECHNOLOGIES, INC., US  
[22] 1998-10-19  
[43] 1999-09-30  
[30] US (09/050,573) 1998-03-30

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[13] A1

[51] **Int.Cl. 6G06F 7/44**  
[25] EN  
[54] **COMPUTATIONALLY EFFICIENT MODULAR MULTIPLICATION METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL DE MULTIPLICATION MODULAIRE EFFICACE DU POINT DE VUE COMPUTATIONNEL**  
[72] MCGREGOR, Matthew Scott, US  
[72] LE, Thuan P., US  
[71] RAINBOW TECHNOLOGIES, INC., US  
[22] 1998-10-19  
[43] 1999-09-30  
[30] US (09/050,379) 1998-03-30

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[21] **2,252,179**  
[13] A1

[51] **Int.Cl. 6B62D 11/06**  
[25] EN  
[54] **STEERING CONTROL SYSTEM FOR TRACKED VEHICLE**  
[54] **SYSTEME DE COMMANDE DE DIRECTION POUR VEHICULE A CHENILLES**  
[72] EASTON, David Joseph, US  
[71] DEERE & COMPANY, US  
[22] 1998-11-24  
[43] 1999-10-01  
[30] US (09/053,600) 1998-04-01

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[13] A1

[51] **Int.Cl. 6C07C 43/17 6C08F 283/00 6C08F 291/00 6C08L 29/00 6C07C 41/01 6C08F 216/14 6C08F 16/24**  
[25] EN  
[54] **NEW FLUOROMONOMERS AND METHODS OF PRODUCTION, AND NEW FLUOROPOLYMERS PRODUCED THEREFROM**  
[54] **NOUVEAUX MONOMERES FLUORES ET METHODES DE PRODUCTION, ET NOUVEAUX POLYMERES FLUORES FABRIQUES A PARTIR DE CEUX-CI**  
[72] SHOICHET, Molly S., CA  
[72] LOUSENBERG, Robert D., CA  
[71] SHOICHET, Molly S., CA  
[71] LOUSENBERG, Robert D., CA  
[22] 1998-10-30  
[43] 1999-09-30  
[30] US (60/080,144) 1998-03-31

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[21] **2,253,225**  
[13] A1

[51] **Int.Cl. 6B05D 7/14 6F16L 58/02 6B05D 1/38**  
[25] EN  
[54] **ON-SITE PIPE COATING PROCESS**  
[54] **PROCESSUS DE REVETEMENT DE TUYAUX SUR PLACE**  
[72] GIBSON, Mark W., CA  
[71] KEMACOAT INTERNATIONAL INC., CA  
[22] 1998-11-10  
[43] 1999-09-27

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[13] A1

[51] **Int.Cl. 6G01S 13/95 6G01S 13/66**  
[25] EN  
[54] **METEOROLOGICAL RADAR SYSTEM**  
[54] **SYSTEME RADAR METEOROLOGIQUE**  
[72] TANAKA, Hisamichi, JP  
[72] HATA, Kiyoyuki, JP  
[72] WAKAYAMA, Toshio, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 1998-11-10  
[43] 1999-09-30  
[30] JP (HEI 10-84090) 1998-03-30

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[21] **2,254,369**  
[13] A1

[51] **Int.Cl. 6H04N 7/08**  
[25] EN  
[54] **ARRANGEMENT FOR USING AT LEAST ONE AUXILIARY ANTENNA TO PROVIDE DIFFERENT RADIATION PATTERNS TO ADJACENT-CHANNEL NTSC AND DTV TELEVISION SIGNALS TRANSMITTED FROM A COMMON MAIN ANTENNA**  
[54] **AMENAGEMENT PERMETTANT L'UTILISATION D'AU MOINS UNE ANTENNE AUXILIAIRE POUR FOURNIR DIFFERENTS DIAGRAMMES DE RAYONNEMENT A DES SIGNAUX DE TELEVISION NTSC ET VIDEOTIQUES DE CANAUX CONTIGUS TRANSMIS A PARTIR D'UNE ANTENNE COMMUNE PRINCIPALE**  
[72] HULICK, Timothy P., US  
[71] ACRODYNE INDUSTRIES, INC., US  
[22] 1998-11-13  
[43] 1999-09-30  
[30] US (09/050,109) 1998-03-30  
[30] US (09/134,337) 1998-08-14

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[13] A1

[51] **Int.Cl. 6H04N 1/024 6G06K 9/20**  
[25] EN  
[54] **ONE PIECE OPTICAL ASSEMBLY FOR LOW COST OPTICAL SCANNER**  
[54] **ASSEMBLAGE OPTIQUE EN UNE PIECE POUR LECTEUR OPTIQUE A BAS PRIX**  
[72] BARD, Simon, US  
[72] BARKAN, Edward, US  
[72] DVORKIS, Paul, US  
[72] CHARYCH, Hal, US  
[72] SHEPARD, Howard, US  
[72] GROSSFELD, Henry, US  
[72] BRIDGELALL, Raj, US  
[72] DRYZMALA, Mark, US  
[72] TSI, David, US  
[72] HUNG-JWO, Chin, US  
[72] KOONTZ, Theodore, US  
[72] JENKINS, Ian, US  
[71] SYMBOL TECHNOLOGIES, INC., US  
[22] 1998-12-02  
[43] 1999-09-26  
[30] US (09/048,418) 1998-03-26

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[21] **2,257,330**  
[13] A1

[51] **Int.Cl. 6A47F 7/28 6A47F 1/04 6G09F 3/20**  
[25] EN  
[54] **PRODUCT MERCHANDISING DISPLAY UNIT WITH REPLACEABLE PRODUCT GRAPHICS**  
[54] **PRESENTOIR DE PRODUITS AVEC MODULE GRAPHIQUE REMPLACABLE**  
[72] HARBOUR, Keith, US  
[72] McWILLIAMS, William B., US  
[72] BIDWELL, Christopher C., US  
[72] FOWLER, Dewalt W., US  
[72] MILLER, Donald J., Jr., US  
[71] PAUL FLUM IDEAS, INC., US  
[22] 1998-12-30  
[43] 1999-10-01  
[30] US (09/053,572) 1998-04-01

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[13] A1  
[51] **Int.Cl. 6H01R 13/502 6G08B 21/00 6H02H 1/04 6H02G 3/18 6H01R 13/66**  
[25] EN  
[54] **TRANSIENT VOLTAGE SURGE SUPPRESSOR WITH A REVERSIBLE ON-OFF SWITCH ASSEMBLY**  
[54] **SUPPRESSEUR DE SURTENSION TRANSITOIRE COMPORTANT UN ASSEMBLAGE D'INTERROMPTEUR REVERSIBLE**  
[72] MURPHY, Patrick J., US  
[71] PASS & SEYMOUR, INC., US  
[22] 1999-01-11  
[43] 1999-09-26  
[30] US (09/048,476) 1998-03-26

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[21] **2,258,397**  
[13] A1  
[51] **Int.Cl. 6B62D 17/00 6B62D 61/12**  
[25] EN  
[54] **SELF-STEERING, CASTER ADJUSTABLE SUSPENSION SYSTEM**  
[54] **SUSPENSION AUTODIRECTRICE A CHASSE REGLABLE**  
[72] GOTTSCHALK, Michael J., US  
[72] KEELER, Michael J., US  
[71] THE BOLER COMPANY., US  
[22] 1999-01-08  
[43] 1999-09-30  
[30] US (09/052,131) 1998-03-31

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[21] **2,259,054**  
[13] A1  
[51] **Int.Cl. 6A23L 1/16**  
[25] EN  
[54] **PASTA PRODUCT**  
[54] **PRODUIT DE PATES ALIMENTAIRES**  
[72] MEYER, Philipp Paul, CH  
[72] SCOVILLE, Eugene, US  
[72] JAELMINGER, Göran, SE  
[71] SOCIÉTÉ DES PRODUITS NESTLÉ S.A., CH  
[22] 1999-01-28  
[43] 1999-09-29  
[30] EP (98200986.2) 1998-03-29

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[13] A1  
[51] **Int.Cl. 6A23L 1/182**  
[25] EN  
[54] **RICE PRODUCT**  
[54] **PRODUIT DE RIZ**  
[72] EHRENBERG, Eva, SE  
[72] JAELMINGER, Göran, SE  
[72] MEYER, Philipp Paul, CH  
[72] HALDEN, Jonas Peter, CH  
[71] SOCIÉTÉ DES PRODUITS NESTLÉ S.A., CH  
[22] 1999-02-03  
[43] 1999-09-27  
[30] EP (98200964.9) 1998-03-27

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[21] **2,259,889**  
[13] A1  
[51] **Int.Cl. 6A61F 5/37**  
[25] EN  
[54] **SPORTS BRACE**  
[54] **GAINE DE SPORT**  
[72] GODWIN, Andrew, CA  
[71] GODWIN, Andrew, CA  
[22] 1999-01-22  
[43] 1999-10-01  
[30] US (60/080,322) 1998-04-01

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[21] **2,260,318**  
[13] A1  
[51] **Int.Cl. 6B65G 13/00 6B65G 13/02 6B65G 47/34**  
[25] EN  
[54] **A SYSTEM FOR TRANSPORTING PIECE GOODS**  
[54] **SYSTEME DE TRANSPORT DE MARCHANDISES A LA PIECE**  
[72] RUCHTI, Ulrich, CH  
[72] REUSSER, Andreas, CH  
[71] JOST AG HEIMBERG, CH  
[22] 1999-01-25  
[43] 1999-09-30  
[30] EP (98810277.8) 1998-03-30

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[21] **2,260,404**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/22**  
[25] FR  
[54] **INSTALLATION MIXTE DE TELEPHONE**  
[54] **MIXED PUBLIC/PRIVATE TELEPHONE FACILITIES**  
[72] AUVRAY, Gérard, FR  
[71] ALCATEL, FR  
[22] 1999-02-15  
[43] 1999-09-30  
[30] FR (98 03 894) 1998-03-30

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[21] **2,260,447**  
[13] A1  
[51] **Int.Cl. 6H01P 1/207 6H01P 7/06 6H03H 9/46**  
[25] EN  
[54] **SINGLE AND DUAL MODE HELIX LOADED CAVITY FILTERS**  
[54] **FILTRES A CAVITE MONOMODES ET BIMODES CHARGES DE RESONATEURS HELICOIDaux**  
[72] FIEDZIUSZKO, Slawomir J., US  
[72] KWOK, Raymond S., US  
[71] SPACE SYSTEMS/LORAL, INC., US  
[22] 1999-01-27  
[43] 1999-10-02  
[30] US (09/054,093) 1998-04-02

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[21] **2,260,595**  
[13] A1  
[51] **Int.Cl. 6B30B 15/00**  
[25] EN  
[54] **SYSTEM FOR MONITORING THE DYNAMIC TOOLING/SHUTEHEIGHT DEFLECTION ACTIVITY WITHIN A PRESS MACHINE**  
[54] **SYSTEME POUR LA SURVEILLANCE EN TEMPS REEL DE L'INTERACTION DES VIBRATIONS DANS UNE PRESSE ET LORS DE L'OUTILLAGE**  
[72] SCHOCH, Daniel Anthony, US  
[71] THE MINSTER MACHINE COMPANY, US  
[22] 1999-01-29  
[43] 1999-09-26  
[30] US (09/048,388) 1998-03-26

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[21] **2,260,620**  
[13] A1  
[51] **Int.Cl. 6B65G 31/02 6A01C 17/00 6B65G 31/04 6A01C 3/06 6E01C 19/20**  
[25] EN  
[54] **MATERIAL SPREADING APPARATUS**  
[54] **APPAREIL D'EPANDAGE DE MATIERES**  
[72] McCORRY, Kevin Richard, CA  
[71] TY-CROP MANUFACTURING LTD., CA  
[22] 1999-02-03  
[43] 1999-09-27

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[21] **2,260,647**  
[13] A1

[51] **Int.Cl. 6G06F 17/30 6G06F 17/40**  
[25] EN  
[54] **AGENT-BASED DATA MINING AND WAREHOUSING**  
[54] **ENTREPOSAGE ET EXPLORATION DE DONNEES A L'AIDE D'UN AGENT**  
[72] WEISS, Michael, CA  
[72] MANKOVSKII, Sergueii, CA  
[71] MITEL CORPORATION, CA  
[22] 1999-02-02  
[43] 1999-10-01  
[30] GB (9806879.4) 1998-04-01

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[21] **2,260,658**  
[13] A1

[51] **Int.Cl. 6B61G 3/06**  
[25] EN  
[54] **PIVOT PIN AND RETENTION CLIP ASSEMBLY RAILROAD CAR COUPLER**  
[54] **PIVOT DE LA MACHOIRE D'ATTELAGE ET PINCE DE RETENTION POUR ACCOUPLEMENT DE VOITURE DE CHEMIN DE FER**  
[72] DUNCAN, Scott R., US  
[71] NACO, INC., US  
[22] 1999-02-02  
[43] 1999-09-26  
[30] US (048,523) 1998-03-26

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[21] **2,261,246**  
[13] A1

[51] **Int.Cl. 6C08L 27/00 6C08K 13/02 6C08L 27/06 6C08K 5/098 6C08K 3/16 6C08K 5/37**  
[25] EN  
[54] **SYNERGISTIC BLEND OF A METAL-BASED STABILIZER OR LEWIS ACID AND A FREE MERCAPTAN FOR ENHANCED PVC STABILIZATION**  
[54] **MELANGE SYNERGIQUE D'UN STABILISANT A BASE DE METAL OU D'ACIDE DE LEWIS ET UN THIOL LIBRE POUR UNE STABILISATION PVC AMELIOREE**  
[72] DUVALL, Tod Charles, US  
[72] NORRIS, Gene Kelly, US  
[72] ADAMS, Paul Brian, US  
[71] MORTON INTERNATIONAL, INC., US  
[22] 1999-02-08  
[43] 1999-09-26  
[30] US (09/048,492) 1998-03-26  
[30] US (09/098,758) 1998-06-17

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[21] **2,261,361**  
[13] A1

[51] **Int.Cl. 6F16H 57/12 6F16H 35/00**  
[25] EN  
[54] **DEVICE FOR CONTROLLING THE LOCKING AND UNLOCKING OPERATIONS OF A GEAR WHEEL-ROTARY DISC ASSEMBLY AND APPARATUS INCLUDING SUCH A DEVICE**  
[54] **DISPOSITIF POUR REGULER LE VERROUILLAGE ET LE DEVERROUILLAGE D'UN ENSEMBLE DE DISQUE ROTATIF ROUE D'ENGRENAGE, ET APPAREIL MUNI D'UN TEL DISPOSITIF**  
[72] PORTA, Oscar, IT  
[71] PORTA S.P.A., IT  
[22] 1999-02-09  
[43] 1999-10-02  
[30] IT (MI98A-000709) 1998-04-02

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[21] **2,261,422**  
[13] A1

[51] **Int.Cl. 6B27D 1/04 6B32B 21/14**  
[25] EN  
[54] **COMPOSITE VENEER**  
[54] **BOIS DE PLACAGE COMPOSITE**  
[72] PEARSON, Martin Thomas, CA  
[71] MacMILLAN BLOEDEL LIMITED, CA  
[22] 1999-02-09  
[43] 1999-09-26  
[30] US (09/048,087) 1998-03-26

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[21] **2,261,431**  
[13] A1

[51] **Int.Cl. 6H03F 1/32**  
[25] EN  
[54] **METHOD FOR ADAPTIVELY CONTROLLING AMPLIFIER LINEARIZATION DEVICES**  
[54] **METHODE DE COMMANDE ADAPTIVE DE DISPOSITIFS DE LINEARISATION D'AMPLIFICATEURS**  
[72] BLODGETT, James Russell, US  
[72] SIMPSON, Harold Allan, US  
[72] GOODWIN, Michael W., US  
[72] WARD, Robert Brian, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-02-11  
[43] 1999-09-30  
[30] US (09/052,833) 1998-03-31

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[21] **2,261,487**  
[13] A1

[51] **Int.Cl. 6B29C 45/02 6B29C 45/53**  
[25] EN  
[54] **SHOOTING POT ACTUATOR FOR AN INJECTION MOLDING MACHINE**  
[54] **ACTIONNEUR DE BASSIN D'INJECTION POUR PRESSE A INJECTION**  
[72] SCHAD, Robert, CA  
[72] SICILIA, Robert, CA  
[72] ING, Ronald, CA  
[72] CATOEN, Bruce, CA  
[72] DOMODOSSOLA, Robert, CA  
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA  
[22] 1999-02-12  
[43] 1999-09-30  
[30] US (09/050,095) 1998-03-30

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[21] **2,261,513**  
[13] A1

[51] **Int.Cl. 6C08F 8/00 6C10M 149/00 6C10M 153/00 6C10L 1/22 6C10L 1/26**  
[25] EN  
[54] **POLYMERIC MANNICH ADDITIVES**  
[54] **ADDITIFS POLYMERIQUES DE MANNICH**  
[72] ESCHE, Carl Kurt Jr., US  
[72] MIKE, Carl Anthony, US  
[72] ANDERSON, Gregory Paul, US  
[71] ETHYL CORPORATION, US  
[22] 1999-02-12  
[43] 1999-10-02  
[30] US (054,029) 1998-04-02

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[21] **2,262,030**  
[13] A1

[51] **Int.Cl. 6B01D 33/01 6B01D 33/06 6B01D 35/22**  
[25] EN  
[54] **FILTERING DEVICE**  
[54] **DISPOSITIF DE FILTRAGE**  
[72] NAGAOKA, Tadayoshi, JP  
[71] NAGAOKA, Tadayoshi, JP  
[22] 1999-02-16  
[43] 1999-09-30  
[30] US (09/050,618) 1998-03-30

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[21] **2,262,095**  
[13] A1  
[51] **Int.Cl. 6B61D 7/14 6B65D 90/10 6B61D 17/16**  
[25] EN  
[54] **HATCH COVER SEALING DEVICE**  
[54] **DISPOSITIF D'ETANCHEITE D'UN COUVERCLE DE TRAPPE**  
[72] PEACH, Walter J., Jr., US  
[72] ANDERSON, John D., US  
[71] ZEFTEK, INC., US  
[22] 1999-02-17  
[43] 1999-09-27  
[30] US (09/049,769) 1998-03-27

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[21] **2,262,134**  
[13] A1  
[51] **Int.Cl. 6A61K 7/40 6A61K 7/021 6A61K 7/025 6A61K 7/043 6A61K 7/06**  
[25] FR  
[54] **COMPOSITION COSMETIQUE CONTENANT UN NOUVEAU PIGMENT**  
[54] **COSMETIC COMPOSITION CONTAINING A NEW PIGMENT**  
[72] LEMANN, Patricia, FR  
[72] SIMON, Jean-Christophe, FR  
[71] L'OREAL, FR  
[22] 1999-03-01  
[43] 1999-09-27  
[30] FR (98 03 839) 1998-03-27

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[21] **2,262,135**  
[13] A1  
[51] **Int.Cl. 6B65D 83/76 6A45D 34/04**  
[25] FR  
[54] **ENSEMBLE DE CONDITIONNEMENT ET DE DISTRIBUTION D'UN PRODUIT LIQUIDE**  
[54] **PACKAGING AND DISPENSER PRESENTATION FOR A LIQUID PRODUCT**  
[72] GUERET, Jean-Louis H., FR  
[71] L'OREAL, FR  
[22] 1999-03-01  
[43] 1999-09-27  
[30] FR (98 03 831) 1998-03-27

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[21] **2,262,165**  
[13] A1  
[51] **Int.Cl. 6B62M 9/12 6F16H 55/10**  
[25] EN  
[54] **IMPROVED APPARATUS FOR CHANGING GEAR RATIO IN BICYCLES, ESPECIALLY IN RACE BICYCLES**  
[54] **ASSEMBLAGE AMELIORE POUR LA SELECTION DE RAPPORT D'ENGRENAGE D'UNE BICYCLETTE, DESTINE SURTOUT AUX VELOS DE COURSE**  
[72] BARTOLOZZI, Attilio, IT  
[72] BARTOLOZZI, Andrea, IT  
[71] BARTOLOZZI, Attilio, IT  
[71] BARTOLOZZI, Andrea, IT  
[22] 1999-02-17  
[43] 1999-09-26  
[30] IT (FI98A71) 1998-03-26

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[21] **2,262,186**  
[13] A1  
[51] **Int.Cl. 6C07F 1/08 6B27K 3/02 6B27K 3/22**  
[25] EN  
[54] **COPPER DISSOLVER PROCESS**  
[54] **PROCESSUS DE DISSOLUTION DE CUIVRE**  
[72] KERSTIENS, Roy F., US  
[72] SCHWARTZBECK, Robert James, US  
[71] ISK AMERICAS INCORPORATED, US  
[22] 1999-02-17  
[43] 1999-09-27  
[30] US (09/049,810) 1998-03-27

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[21] **2,262,240**  
[13] A1  
[51] **Int.Cl. 6E21B 7/12**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DRILLING AN OFFSHORE UNDERWATER WELL**  
[54] **METHODE ET APPAREIL DE FORAGE D'UN PUIT SOUS-MARIN EXTRACOTIER**  
[72] HOPPER, Hans Paul, GB  
[72] GARNHAM, David, GB  
[71] COOPER CAMERON CORPORATION, US  
[22] 1999-02-17  
[43] 1999-09-27  
[30] EP (98302386.2) 1998-03-27

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[21] **2,262,243**  
[13] A1  
[51] **Int.Cl. 6E21B 7/12**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DRILLING A PLURALITY OF OFFSHORE UNDERWATER WELLS**  
[54] **METHODE ET APPAREIL DE FORAGE DE NOMBREUX Puits SOUS-MARIN EXTRACOTIERS**  
[72] HOPPER, Hans Paul, GB  
[71] COOPER CAMERON CORPORATION, US  
[22] 1999-02-17  
[43] 1999-09-27  
[30] EP (98302374.8) 1998-03-27

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[21] **2,262,294**  
[13] A1  
[51] **Int.Cl. 6C09D 5/03 6C09D 183/04**  
[25] EN  
[54] **COATING POWDER FOR HIGH TEMPERATURE RESISTANT COATINGS**  
[54] **POUDRE DE REVETEMENT POUR REVETEMENTS RESISTANTS AUX HAUTES TEMPERATURES**  
[72] DECKER, Owen H., US  
[72] TARNOSKI, Charles P., US  
[71] MORTON INTERNATIONAL, INC., US  
[22] 1999-02-22  
[43] 1999-09-30  
[30] US (09/052,664) 1998-03-31  
[30] US (09/126,186) 1998-07-30

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[21] **2,262,829**  
[13] A1  
[51] **Int.Cl. 6G09G 3/36**  
[25] FR  
[54] **PROCEDE DE CONTROLE D'UN AFFICHEUR A CRISTAUX LIQUIDES**  
[54] **LIQUID CRYSTAL DISPLAY CONTROL METHOD**  
[72] BODIN, Jannick, FR  
[72] ATTIMONT, Luc, FR  
[71] ALCATEL, FR  
[22] 1999-03-05  
[43] 1999-09-26  
[30] FR (98 03 738) 1998-03-26

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[21] **2,263,700**  
[13] A1

[51] **Int.Cl. 6A63B 57/00 6A63B 69/36**  
[25] EN  
[54] **ADJUSTABLE GOLF TEEING DEVICE**  
[54] **DISPOSITIF AJUSTABLE POUR SURELEVER UNE BALLE DE GOLF SUR UN TEE**  
[72] WETZLER, Evan S., US  
[72] WAGNER, Jay S., US  
[71] WETZLER, Evan S., US  
[71] WAGNER, Jay S., US  
[22] 1999-02-26  
[43] 1999-10-01  
[30] US (09/053,219) 1998-04-01

[21] **2,263,740**  
[13] A1

[51] **Int.Cl. 6C08J 11/08**  
[25] FR  
[54] **PROCEDE DE RECYCLAGE D'ARTICLES A BASE DE POLYMERES DU CHLORURE DE VINYLE**  
[54] **PROCEDURE FOR RECYCLING ITEMS MADE FROM VINYL CHLORIDE POLYMERS**  
[72] SCHEFFER, Jacques, FR  
[72] VANDENHENDE, Bernard, BE  
[72] YERNAUX, Jean-Marie, BE  
[71] SOLVAY (Société Anonyme), BE  
[22] 1999-03-17  
[43] 1999-09-26  
[30] FR (98 03 884) 1998-03-26  
[30] FR (98 13 626) 1998-10-29

[21] **2,263,887**  
[13] A1

[51] **Int.Cl. 6H04Q 7/22 6H04Q 7/36**  
[25] EN  
[54] **WIRELESS TELECOMMUNICATIONS SYSTEM AND METHOD FOR DESIGNING SAME**  
[54] **SYSTEME DE TELECOMMUNICATIONS SANS FIL ET SA METHODE D'ELABORATION**  
[72] KUMARAN, Krishnan, US  
[72] KHANNA, Sanjeev, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-02  
[43] 1999-09-26  
[30] US (09/048,384) 1998-03-26

[21] **2,264,242**  
[13] A1

[51] **Int.Cl. 6G06K 9/18**  
[25] EN  
[54] **SYSTEM AND METHOD FOR INTELLIGENT DATA INPUT FROM A MACHINE-READABLE MEDIUM**  
[54] **SYSTEME ET METHODE POUR LA SAISIE INTELLIGENTE DES DONNEES DEPUIS UN SUPPORT LISIBLE PAR MACHINE**  
[72] PIATEK, John T., US  
[71] Portable Data Technologies, Inc., US  
[22] 1999-03-25  
[43] 1999-09-26  
[30] US (60/079,485) 1998-03-26  
[30] US (09/232,933) 1999-01-19

[21] **2,264,247**  
[13] A1

[51] **Int.Cl. 6H04L 27/00 6H04Q 7/30 6H04Q 7/32**  
[25] FR  
[54] **MODULATEUR MULTIPORTEUSES LARGE BANDE ET PROCEDE DE PROGRAMMATION CORRESPONDANT**  
[54] **BROADBAND MULTI-CARRIER MODULATOR AND RELATED PROGRAMMING PROCESS**  
[72] DARTOIS, Luc, FR  
[71] ALCATEL, FR  
[22] 1999-03-22  
[43] 1999-10-02  
[30] FR (98 04 104) 1998-04-02

[21] **2,264,255**  
[13] A1

[51] **Int.Cl. 6C12N 15/01 6C12P 7/06 6C12N 1/16**  
[25] EN  
[54] **DISRUPTION OF THE CYTOCHROME C GENE IN XYLOSE-FERMENTING YEAST**  
[54] **RUPTURE DU GENE CYTOCHROME C CHEZ UNE LEVURE DE FERMENTATION A XYLOSE**  
[72] JEFFRIES, Thomas W., US  
[72] SHI, Nian-Quing, US  
[71] JEFFRIES, Thomas W., US  
[71] SHI, Nian-Quing, US  
[22] 1999-03-24  
[43] 1999-10-02  
[30] US (60/080,493) 1998-04-02

[21] **2,264,259**  
[13] A1

[51] **Int.Cl. 6G11B 23/18 6G11B 5/02 6H04N 5/782 6H04N 5/917**  
[25] EN  
[54] **VIDEO RECORDING MEDIUM, VIDEO RECORDING APPARATUS, AND VIDEO RETRIEVING METHOD**  
[54] **SUPPORT ET APPAREIL D'ENREGISTREMENT VIDEO ET METHODE D'EXTRACTION DE VIDEOS**  
[72] MISAWA, Ikuo, US  
[72] UEYAMA, Hirokazu, US  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1999-03-26  
[43] 1999-09-27  
[30] JP (10-80861) 1998-03-27

[21] **2,264,260**  
[13] A1

[51] **Int.Cl. 6C12N 15/30 6C07H 21/00 6A61K 48/00 6A61K 39/002 6C12N 1/11 6C07K 16/20 6C07K 14/44 6A61K 31/70**  
[25] EN  
[54] **POLYNUCLEOTIDE MOLECULES ENCODING NEOSPORA PROTEINS**  
[54] **MOLECULES POLYNUCLEOTIDIQUES CODANT POUR PROTEINES DE NEOSPOROSE**  
[72] DURTSCHI, Becky Ann, US  
[72] YODER, Susan Christine, US  
[72] KRISHNAN, Balakrishnan Rajendra, US  
[72] BRAKE, David Alan, US  
[72] MADURA, Rebecca Anne, US  
[71] PFIZER PRODUCTS INC., US  
[22] 1999-03-24  
[43] 1999-09-26  
[30] US (60/079,389) 1998-03-26  
[30] US (60/112,282) 1998-12-15

[21] **2,264,295**  
[13] A1

[51] **Int.Cl. 6A23D 9/007 6A23G 1/00**  
[25] EN  
[54] **PALM KERNEL OIL BLENDS**  
[54] **MELANGE D'HUILES DE PALMISTE**  
[72] NALUR, Shantha C., US  
[71] SOCIÉTÉ DES PRODUITS NESTLÉ S.A., CH  
[22] 1999-03-25  
[43] 1999-09-30  
[30] US (09/050,938) 1998-03-31



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[21] 2,264,305  
[13] A1

[51] Int.Cl. 6C07C 11/02 6C07C 7/08  
[25] EN  
[54] PREPARATION OF OLEFINS  
[54] PREPARATION D'OLEFINES  
[72] MEYER, Gerald, DE  
[72] BREITSCHIEDEL, Boris, DE  
[72] SCHULZ, Michael, DE  
[72] SCHWAB, Peter, DE  
[72] SCHULZ, Ralf, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[22] 1999-03-25  
[43] 1999-09-27  
[30] DE (198 13 720.6) 1998-03-27

[21] 2,264,310  
[13] A1

[51] Int.Cl. 6A61K 7/021 6A61K 7/06  
6A61K 7/48  
[25] FR  
[54] EMULSION E/H, COMPOSITION  
COMPRENANT UNE TELLE  
EMULSION ET UTILISATION EN  
COSMETIQUE, PHARMACIE OU  
HYGIENE  
[54] O/W EMULSION, COMPOSITION  
COMPRISING SUCH AN EMULSION  
AND ITS USE IN COSMETIC,  
PHARMACEUTICAL AND HYGIENE  
APPLICATIONS  
[72] COLLETTE, Annick, FR  
[72] SIMON, Jean-Christophe, FR  
[72] BARA, Isabelle, FR  
[72] LEMANN, Patricia, FR  
[72] TOURNILHAC, Florence, FR  
[71] L'OREAL, FR  
[22] 1999-03-25  
[43] 1999-09-26  
[30] FR (98 03 761) 1998-03-26

[21] 2,264,314  
[13] A1

[51] Int.Cl. 6H04Q 7/36 6H04Q 7/38  
[25] EN  
[54] METHOD FOR OPERATING A  
WIRELESS TELECOMMUNICATIONS  
SYSTEM  
[54] METHODE OPERATIONNELLE  
POUR SYSTEME DE  
TELECOMMUNICATIONS SANS FIL  
[72] KHANNA, Sanjeev, US  
[72] KUMARAN, Krishnan, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-02  
[43] 1999-09-26  
[30] US (09/048,443) 1998-03-26

[21] 2,264,316  
[13] A1

[51] Int.Cl. 6A61K 7/021 6A61K 7/06  
6A61K 7/48  
[25] FR  
[54] EMULSION E/H, COMPOSITION  
COMPRENANT UNE TELLE  
EMULSION ET UTILISATION EN  
COSMETIQUE, PHARMACIE OU  
HYGIENE  
[54] O/W EMULSION, COMPOSITION  
COMPRISING SUCH AN EMULSION  
AND ITS USE IN COSMETIC,  
PHARMACEUTICAL AND HYGIENE  
APPLICATIONS  
[72] LEMANN, Patricia, FR  
[72] TOURNILHAC, Florence, FR  
[72] BARA, Isabelle, FR  
[72] COLLETTE, Annick, FR  
[72] SIMON, Jean-Christophe, FR  
[71] L'OREAL, FR  
[22] 1999-03-25  
[43] 1999-09-26  
[30] FR (98 03 762) 1998-03-26

[21] 2,264,323  
[13] A1

[51] Int.Cl. 6A61K 7/021 6A61K 7/06  
6A61K 7/48  
[25] FR  
[54] EMULSION E/H, COMPOSITION  
COMPRENANT UNE TELLE  
EMULSION ET UTILISATION EN  
COSMETIQUE, PHARMACIE OU  
HYGIENE  
[54] W/H EMULSION, COMPOSITION  
COMPRISING SUCH AN EMULSION  
AND ITS COSMETIC,  
PHARMACEUTICAL OR HYGIENIC  
USES  
[72] BARA, Isabelle, FR  
[72] LEMANN, Patricia, FR  
[72] SIMON, Jean-Christophe, FR  
[72] COLLETTE, Annick, FR  
[72] TOURNILHAC, Florence, FR  
[71] L'OREAL, FR  
[22] 1999-03-25  
[43] 1999-09-26  
[30] FR (98 03 760) 1998-03-26

[21] 2,264,329  
[13] A1

[51] Int.Cl. 6H04B 7/185  
[25] FR  
[54] COMPENSATION DE  
DYNAMIQUE DES SIGNAUX POUR  
REPETEUR DE  
TELECOMMUNICATIONS SPATIALES  
[54] DYNAMIC SIGNAL  
COMPENSATION FOR  
TELECOMMUNICATIONS SATELLITE  
REPEATER  
[72] AVELINE, Muriel, FR  
[72] LENORMAND, Régis, FR  
[72] RIGAL, Christian, FR  
[72] BELIS, Eric Clement, FR  
[72] BOUIN, Jean, FR  
[72] DELAMOTTE, Luc, FR  
[71] ALCATEL, FR  
[22] 1999-03-25  
[43] 1999-09-30  
[30] FR (98 03 897) 1998-03-30

[21] 2,264,336  
[13] A1

[51] Int.Cl. 6E21B 33/127  
[25] EN  
[54] EXPANDING MANDREL  
INFLATABLE PACKER  
[54] GARNITURE D'ETANCHEITE  
GONFLABLE POUR MANDRIN  
EXTENSIBLE  
[72] WOOD, Edward T., US  
[72] BAUGH, John Lindley, US  
[71] BAKER HUGHES INCORPORATED,  
US  
[22] 1999-03-03  
[43] 1999-09-27  
[30] US (09/049,303) 1998-03-27

[21] 2,264,337  
[13] A1

[51] Int.Cl. 6G05D 23/19  
[25] EN  
[54] TEMPERATURE CONTROL  
SYSTEM WITH THERMOELECTRIC  
AND RECHARGEABLE ENERGY  
SOURCES  
[54] SYSTEME DE REGULATION DE  
TEMPERATURE A ALIMENTATION  
THERMOELECTRIQUE ET  
RECHARGEABLE  
[72] MAHER, Charles A., Jr., US  
[71] TRIDELTA INDUSTRIES, INC., US  
[22] 1999-03-03  
[43] 1999-09-26  
[30] US (09/048,471) 1998-03-26

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[21] **2,264,342**  
[13] A1

[51] **Int.Cl. 6H04L 12/66 6H04M 15/00 6H04L 12/14 6H04Q 7/22 6H04Q 7/24**  
[25] EN  
[54] **METHOD OF CHARGING FOR SERVICES, NETWORK NODE, AND GATEWAY NODE**  
[54] **METHODE D'IMPUTATION DE FRAIS POUR SERVICES, NOEUD DE RESEAU ET NOEUD DE PASSERELLE**  
[72] ROSENBERG, Marc, DE  
[71] ALCATEL, FR  
[22] 1999-03-26  
[43] 1999-09-28  
[30] DE (198 13 906.3) 1998-03-28

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[21] **2,264,348**  
[13] A1

[51] **Int.Cl. 6D21H 23/14 6D21H 21/22**  
[25] EN  
[54] **IMPROVED PROCESS TO MAKE A WET-LAID ABSORBENT STRUCTURE**  
[54] **PROCESSUS AMELIORE DE FABRICATION D'UNE STRUCTURE ABSORBANTE PAR VOIE HUMIDE**  
[72] WOODRUM, G. Thomas, US  
[71] BASF CORPORATION, US  
[22] 1999-03-22  
[43] 1999-09-27  
[30] US (09/049,427) 1998-03-27

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[21] **2,264,350**  
[13] A1

[51] **Int.Cl. 6H03D 3/00 6H03D 1/02 6H03D 3/18**  
[25] EN  
[54] **CARRIER RECOVERY SYSTEM**  
[54] **SYSTEME DE RECUPERATION D'UNE PORTEUSE NUMERIQUE**  
[72] AMAN, Ahmad K., US  
[72] FARROW, Cecil William, US  
[72] WEBB, Charles Albert III, US  
[72] PRIMATIC, Agesino Jr., US  
[72] JIANG, Hong, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-04  
[43] 1999-09-30  
[30] US (09/052,455) 1998-03-31

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[21] **2,264,361**  
[13] A1

[51] **Int.Cl. 6F04D 3/02**  
[25] EN  
[54] **ECCENTRIC WORM PUMP**  
[54] **POMPE A VIS EXCENTRIQUE**  
[72] FENTON, Gordon L., US  
[71] SEEPEX SEEBERGER GMBH + CO, DE  
[22] 1999-03-23  
[43] 1999-09-28  
[30] DE (198 13 999.3-15) 1998-03-28

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[21] **2,264,362**  
[13] A1

[51] **Int.Cl. 6H01M 4/50 6H01M 2/16 6H01M 4/24 6H01M 4/58**  
[25] EN  
[54] **MANGANESE DRY BATTERIES**  
[54] **PILES SECHES AU MANGANESE**  
[72] INUI, Michiko, JP  
[72] OGINO, Keiji, JP  
[72] ASHIHARA, Ryohei, JP  
[72] KOBAYASHI, Tetsuya, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1999-03-24  
[43] 1999-09-27  
[30] JP (HEI 10-81739) 1998-03-27

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[21] **2,264,433**  
[13] A1

[51] **Int.Cl. 6H04Q 7/38**  
[25] EN  
[54] **METHODS AND APPARATUS FOR INTER-FREQUENCY HANDOFF IN A WIRELESS COMMUNICATION SYSTEM**  
[54] **METHODE ET APPAREIL POUR LE TRANSFERT INTER-FREQUENCE DANS UN SYSTEME DE TELECOMMUNICATION SANS FIL**  
[72] KUO, Wen-Yi, US  
[72] BERNSTEIN, Neil E., US  
[72] MEYERS, Martin Howard, US  
[72] WU, Xiao Cheng, US  
[72] WANG, Xiao, US  
[72] WEAVER, Carl Francis, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-03  
[43] 1999-09-26  
[30] US (09/048,626) 1998-03-26

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[21] **2,264,441**  
[13] A1

[51] **Int.Cl. 6C12Q 1/02 6C12N 5/06 6C12N 5/08 6C12Q 1/18 6C12N 1/38**  
[25] EN  
[54] **METHODS FOR DETERMINING THE BIOCOMPABILITY OF LIPOPHILIC SUBSTANCES IN CELL CULTURE TESTS USING NANOEMULSIONS**  
[54] **METHODES POUR DETERMINER LA BIOCOMPATIBILITE DE SUBSTANCES LIPOPHILES DANS DES TESTS DE CULTURES CELLULAIRES UTILISANT DES NANOEMULSIONS**  
[72] SUTER, Franz, CH  
[72] ZUELLI, Fred, CH  
[71] MIBELLE AG COSMETICS, CH  
[22] 1999-03-05  
[43] 1999-09-30  
[30] CH (1998 0748/98) 1998-03-30

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[21] **2,264,470**  
[13] A1

[51] **Int.Cl. 6H03D 3/18**  
[25] EN  
[54] **TIMING RECOVERY SYSTEM**  
[54] **SYSTEME DE RECUPERATION DU RYTHME**  
[72] FARROW, Cecil William, US  
[72] AMAN, Ahmad K., US  
[72] WEBB, Charles Albert III, US  
[72] JIANG, Hong, US  
[72] PRIMATIC, Agesino Jr., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-05  
[43] 1999-09-30  
[30] US (09/052,454) 1998-03-31

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[21] **2,264,471**  
[13] A1

[51] **Int.Cl. 6H04Q 7/38**  
[25] EN  
[54] **METHOD AND APPARATUS FOR INTER-FREQUENCY HAND-OFF IN WIRELESS COMMUNICATION SYSTEMS**  
[54] **METHODE ET APPAREIL DE TRANSFERT ENTRE FREQUENCES DANS DES SYSTEMES DE COMMUNICATION SANS FIL**  
[72] MEYERS, Martin Howard, US  
[72] KUO, Wen-Yi, US  
[72] WEAVER, Carl Francis, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-05  
[43] 1999-09-30  
[30] US (09/050,535) 1998-03-30

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[21] **2,264,502**  
[13] A1  
[51] **Int.Cl. 6B29C 49/04 6B29C 49/78**  
[25] EN  
[54] **MOLDING MACHINE FOR PRODUCING PLASTIC HOLLOW BODIES**  
[54] **MACHINE A MOULER POUR FABRIQUER DES CORPS CREUX EN PLASTIQUE**  
[72] OSSBERGER, Karl-Friedrich, DE  
[72] LINSS, Gerhard, DE  
[71] OSSBERGER TURBINENFABRIK GMBH + CO., DE  
[22] 1999-03-04  
[43] 1999-09-27  
[30] DE (198 13 668.4) 1998-03-27

[21] **2,264,951**  
[13] A1  
[51] **Int.Cl. 6C07K 7/06 6A61K 38/08**  
[25] EN  
[54] **AMINO ACID DERIVATIVES DERIVES D'ACIDE AMINE**  
[72] RAYNHAM, Tony Michael, GB  
[72] KAY, Paul Brittain, GB  
[72] WILSON, Francis Xavier, GB  
[72] HURST, David Nigel, GB  
[72] JONES, Philip Stephen, GB  
[72] ATTWOOD, Michael Richard, GB  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 1999-03-30  
[43] 1999-09-30  
[30] GB (9806815.8) 1998-03-30

[21] **2,264,962**  
[13] A1  
[51] **Int.Cl. 6C12N 15/29 6A01H 5/00 6C07K 14/415 6C12N 15/82**  
[25] EN  
[54] **TRANSCRIPTION FACTOR CONTROLLING PHENYLPROPANOID BIOSYNTHESIS PATHWAY**  
[54] **FACTEUR DE TRANSCRIPTION REGULANT LA VOIE DE BIOSYNTHESE DU PHENYLPROPANOIDE**  
[72] KAWAOKA, Akiyoshi, JP  
[72] EBINUMA, Hiroyasu, JP  
[71] NIPPON PAPER INDUSTRIES CO., LTD., JP  
[22] 1999-03-30  
[43] 1999-09-30  
[30] JP (HEI. 10-125171) 1998-03-31

[21] **2,264,974**  
[13] A1  
[51] **Int.Cl. 6C08L 33/26 6C08L 41/00 6C09K 7/02 6E21B 43/26**  
[25] EN  
[54] **ACID GELS FOR FRACTURING SUBTERRANEAN FORMATIONS**  
[54] **GEL D'ACIDE POUR LA FRACTURE DE FORMATIONS SOUTERRAINES**  
[72] LOPEZ, Enrique, US  
[72] METCALF, Arthur Steven, US  
[72] DAWSON, Jeffrey Carl, US  
[72] BOLES, Joel Lynn, US  
[72] WOO, George Tso-Chih, US  
[71] BJ SERVICES COMPANY, US  
[22] 1999-03-08  
[43] 1999-09-30  
[30] US (09/052,324) 1998-03-31

[21] **2,264,976**  
[13] A1  
[51] **Int.Cl. 6A61K 7/48 6A61K 7/02 6A61K 7/06**  
[25] FR  
[54] **COMPOSITION TOPIQUE CONTENANT UN ESTER D'ACIDE OU D'ALCOOL GRAS RAMIFIE EN C24 A C28**  
[54] **TOPICAL COMPOSITION CONTAINING AN ACID ESTER OR FATTY ALCOHOL BRANCHED INTO C24 TO C28**  
[72] JACQUES, Véronique, FR  
[72] ARNAUD, Pascal, FR  
[71] L'OREAL, FR  
[22] 1999-03-29  
[43] 1999-09-30  
[30] FR (98 03 979) 1998-03-31

[21] **2,264,977**  
[13] A1  
[51] **Int.Cl. 6C22C 38/34 6B01J 19/02**  
[25] FR  
[54] **UTILISATION D'ACIERS FAIBLEMENT ALLIES DANS DES APPLICATIONS IMPLIQUANT DES PROPRIETES ANTI-COKAGE**  
[54] **USE OF LOW ALLOY STEEL IN APPLICATIONS WHERE ANTI-COKING PROPERTIES ARE REQUIRED**  
[72] ROPITAL, François, FR  
[72] LONGAYGUE, Xavier, FR  
[72] LECOUR, Philippe, FR  
[71] INSTITUT FRANÇAIS DU PÉTROLE, FR  
[22] 1999-03-29  
[43] 1999-09-30  
[30] FR (98 04 088) 1998-03-31

[21] **2,264,979**  
[13] A1  
[51] **Int.Cl. 6C07D 207/00 6C07D 307/00 6C07D 333/00 6A61K 31/19 6A61K 31/34 6A61K 31/38 6A61K 7/40 6A61K 31/40 6A61K 31/44 6A61K 7/48**  
[25] FR  
[54] **COMPOSES BICYCLIQUES-AROMATIQUES ET LEUR UTILISATION EN MEDECINE HUMAINE OU VETERINAIRE AINSI QU'EN COSMETOLOGIE**  
[54] **DICYCLIC-AROMATIC COMPOUNDS AND THEIR APPLICATION IN HUMAN AND VETERINARY MEDICINE, AS WELL AS IN COSMETICS**  
[72] BERNARDON, Jean-Michel, FR  
[71] GALDERMA RESEARCH & DEVELOPMENT, S.N.C., FR  
[22] 1999-03-30  
[43] 1999-09-30  
[30] FR (98 03 976) 1998-03-31

[21] **2,264,982**  
[13] A1  
[51] **Int.Cl. 6B01D 53/70 6C02F 1/28**  
[25] FR  
[54] **PROCEDE D'ELIMINATION DE COMPOSES HALOGENES CONTENUS DANS UN GAZ OU UN LIQUIDE AVEC UNE COMPOSITION A BASE D'AU MOINS UN ELEMENT METALLIQUE**  
[54] **PROCEDURE FOR ELIMINATING HALOGENATED COMPOUNDS FROM A GAS OR LIQUID THROUGH USE OF A COMPOSITION DERIVED FROM AT LEAST ONE METALLIC ELEMENT**  
[72] NEDEZ, Christophe, FR  
[71] INSTITUT FRANÇAIS DU PÉTROLE, FR  
[22] 1999-03-30  
[43] 1999-09-30  
[30] FR (98 03 969) 1998-03-31

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[13] A1

[51] **Int.Cl. 6C07C 323/52 6C07D 243/08 6C07D 295/15 6A61K 31/16 6C07D 295/185 6A61K 31/215 6C07C 327/32 6A61K 31/395**  
[25] FR  
[54] **DERIVES DE L'ACIDE 6,8-DIMERCARPTOCTANOIQUE SUBSTITUES EN 6-S ET/OU 8-S PAR LE RADICAL (3-METHYLTHIOPROPANOYL) ET COMPOSITIONS PHARMACEUTIQUES DESTINEES AU TRAITEMENT DE TUMEURS CANCEREUSES**  
[54] **6,8-DIMERCARPTOCTANOIC ACID DERIVATIVES SUBSTITUTED IN 6-S AND/OR 8-S BY THE RADICAL (3-METHYLTHIOPROPANOYL) AND PHARMACEUTICAL COMPOSITIONS USED TO TREAT CANCEROUS TUMORS**  
[72] QUASH, Gérard Anthony, FR  
[72] FOURNET, Guy, FR  
[72] GORE, Jacques, FR  
[71] GALDERMA RESEARCH & DEVELOPMENT, S.N.C., FR  
[22] 1999-03-31  
[43] 1999-10-01  
[30] FR (98 04 041) 1998-04-01

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[21] **2,265,001**  
[13] A1

[51] **Int.Cl. 6A61B 17/32**  
[25] EN  
[54] **SCALPEL WITH RETRACTABLE BLADE**  
[54] **SCALPEL A LAME ESCAMOTABLE**  
[72] PAN, Huai C., US  
[71] PAN, Huai C., US  
[22] 1999-03-08  
[43] 1999-09-27  
[30] US (09/049,008) 1998-03-27

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[21] **2,265,003**  
[13] A1

[51] **Int.Cl. 6H02M 7/217**  
[25] EN  
[54] **SWITCHED CONVERTER WITH MULTIPLE REGULATED OUTPUTS**  
[54] **CONVERTISSEUR COMMUTE A MULTIPLES SORTIES REGLEES**  
[72] CAÑIZALES TERAN, Freddy R., FR  
[71] ALCATEL, FR  
[22] 1999-03-29  
[43] 1999-09-30  
[30] ES (P 9800671) 1998-03-30

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[21] **2,265,016**  
[13] A1

[51] **Int.Cl. 6A61B 17/36**  
[25] EN  
[54] **HIGH RESOLUTION CRYOSURGICAL METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL DE CRYOCHIRURGIE HAUTE DEFINITION**  
[72] SCHATZBERGER, Shaike, IL  
[71] GALIL MEDICAL LTD, IL  
[22] 1999-03-29  
[43] 1999-09-30  
[30] US (09/052,165) 1998-03-31

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[21] **2,265,027**  
[13] A1

[51] **Int.Cl. 6H01R 13/46**  
[25] EN  
[54] **COMMUNICATION CABLE TERMINATION**  
[54] **RACCORDEMENT DE CABLE DE COMMUNICATION**  
[72] VINING, Louis Devon, US  
[72] BEECHER, Robert Louis II, US  
[72] MOFFITT, Bryan Scott, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-08  
[43] 1999-09-30  
[30] US (09/052,528) 1998-03-31

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[21] **2,265,072**  
[13] A1

[51] **Int.Cl. 6B02C 13/08**  
[25] EN  
[54] **ROTOR FOR IMPACTORS**  
[54] **ROTOR POUR IMPACTEUR**  
[72] HEMESATH, Gerhard, DE  
[72] HEUKAMP, Volker, DE  
[71] NOELL SERVICE UND MASCHINENTECHNIK GMBH, DE  
[22] 1999-03-09  
[43] 1999-09-26  
[30] DE (198 13 310.3) 1998-03-26

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[21] **2,265,074**  
[13] A1

[51] **Int.Cl. 6B02C 13/08**  
[25] EN  
[54] **BLOW BAR FOR IMPACTORS**  
[54] **BARRE D'IMPACT POUR IMPACTEURS**  
[72] HEMESATH, Gerhard, DE  
[72] HEUKAMP, Volker, DE  
[71] NOELL SERVICE UND MASCHINENTECHNIK GMBH, DE  
[22] 1999-03-09  
[43] 1999-09-26  
[30] DE (198 13 308.1) 1998-03-26

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[21] **2,265,083**  
[13] A1

[51] **Int.Cl. 6B01D 53/66 6A61L 9/015**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROCESSING POLLUTED GAS CONTAINING HARMFUL SUBSTANCES**  
[54] **METHODE ET APPAREIL DE TRAITEMENT DES GAZ POLLUES CONTENANT DES SUBSTANCES NOCIVES**  
[72] YASUTAKE, Akinori, JP  
[72] TOMONAGA, Nariyuki, JP  
[72] IZUMI, Jun, JP  
[72] TSUTAYA, Hiroyuki, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 1999-03-31  
[43] 1999-10-01  
[30] JP (10-088498) 1998-04-01

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[21] **2,265,096**  
[13] A1

[51] **Int.Cl. 6B32B 1/08 6F16L 11/08**  
[25] EN  
[54] **AIR CONDITIONING HOSE**  
[54] **TUYAU DESTINE AUX SYSTEMES DE CLIMATISATION**  
[72] NADKARNI, Pradeep Dattatraya, US  
[72] BROWN, Thomas Alan, US  
[72] THOMAS, John Patrick, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 1999-03-08  
[43] 1999-09-26  
[30] US (09/048,482) 1998-03-26

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[21] 2,265,164  
[13] A1

[51] **Int.Cl. 6F02C 7/12**  
[25] EN  
[54] **REMOVAL OF COOLING AIR ON THE HOUSING SIDE OF A DIFFUSER OF A COMPRESSOR STAGE OF GAS TURBINES**  
[54] **RETRAIT DE L'AIR DE REFROIDISSEMENT SE TROUVANT DANS LE CARTER DU DIFFUSEUR D'UN ETAGE DE COMPRESSEUR DE TURBINES A GAZ**

[72] EBBING, Hildegard, DE  
[72] SCHONENBORN, Harald, DE  
[72] JESKE, Hans Otto, DE  
[72] ORTH, Ulrich, DE  
[72] ASCHENBRUCK, Emil, DE  
[71] GHH BORSIG TURBOMASCHINEN GMBH, DE  
[22] 1999-03-09  
[43] 1999-10-01  
[30] DE (198 14 627.2) 1998-04-01

[21] 2,265,176  
[13] A1

[51] **Int.Cl. 6G02B 6/16 6G02B 6/44**  
[25] EN  
[54] **FIBER OPTIC CABLE WITH WATER BLOCKING FEATURES**  
[54] **CABLE DE FIBRE OPTIQUE DOTE DE CARACTERISTIQUES HYDROFUGES**

[72] LAIL, Jason C., US  
[71] SIECOR OPERATIONS, LLC, US  
[22] 1999-03-09  
[43] 1999-09-26  
[30] US (09/048,486) 1998-03-26

[21] 2,265,213  
[13] A1

[51] **Int.Cl. 6C10L 1/22**  
[25] EN  
[54] **FUEL COMPOSITION CONTAINING AN AMINE AND AN ESTER**  
[54] **COMBUSTIBLE CONTENANT UNE AMINE ET UN ESTER**

[72] FUENTES-AFFLICK, Peter A., US  
[72] GETHING, Jeffrey A., US  
[71] CHEVRON CHEMICAL COMPANY LLC, US  
[22] 1999-03-11  
[43] 1999-09-30  
[30] US (09/052,227) 1998-03-31

[21] 2,265,215  
[13] A1

[51] **Int.Cl. 6B23K 31/02 6B23K 9/095 6G01S 5/14**  
[25] EN  
[54] **WELDING MONITORING SYSTEM**  
[54] **SYSTEME DE MONITORAGE D'OPERATION DE SOUDAGE**  
[72] HSU, Christopher, US  
[71] LINCOLN GLOBAL, INC., US  
[22] 1999-03-11  
[43] 1999-10-02  
[30] US (09/054,220) 1998-04-02

[21] 2,265,248  
[13] A1

[51] **Int.Cl. 6H04Q 3/64 6H04L 12/24 6G06F 17/60**  
[25] EN  
[54] **DYNAMIC STAFFING OF SERVICE CENTERS TO PROVIDE SUBSTANTIALLY ZERO-DELAY SERVICE**

[54] **DOTATION DYNAMIQUE DES CENTRES DE SERVICES POUR ASSURER UN SERVICE SANS DELAI**  
[72] WHITT, Ward, US  
[71] AT&T CORP., US  
[22] 1999-03-11  
[43] 1999-09-27  
[30] US (09/049,037) 1998-03-27

[21] 2,265,282  
[13] A1

[51] **Int.Cl. 6A61F 13/46**  
[25] EN  
[54] **TOPSHEET FOR BODY FLUIDS ABSORBENT ARTICLE**  
[54] **COUCHE SUPERIEURE POUR ARTICLE ABSORBANT DE FLUIDES BIOLOGIQUES**

[72] SHIMIZU, Shingo, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 1999-03-12  
[43] 1999-09-26  
[30] JP (10-79966) 1998-03-26

[21] 2,265,297  
[13] A1

[51] **Int.Cl. 6B23K 9/235 6B23K 5/213**  
[25] EN  
[54] **METHOD AND APPARATUS FOR WELDING**  
[54] **METHODE ET APPAREIL DE SOUDURE**

[72] ULRICH, Mark, US  
[72] BICKEL, David, US  
[72] WISEMAN, Donald, US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1999-03-11  
[43] 1999-09-30  
[30] US (09/052,541) 1998-03-31

[21] 2,265,322  
[13] A1

[51] **Int.Cl. 6B24D 3/34 6B24D 18/00**  
[25] EN  
[54] **METHOD FOR GRINDING PRECISION COMPONENTS**  
[54] **METHODE D'AFFUTAGE D'ELEMENTS DE PRECISION**

[72] WILLISTON, William H., US  
[72] KUO, Shih Yee, US  
[72] BULJAN, Sergej-Tomislav, US  
[72] RAMANATH, Srinivasan, US  
[71] NORTON COMPANY, US  
[22] 1999-03-12  
[43] 1999-09-27  
[30] US (09/049,628) 1998-03-27

[21] 2,265,325  
[13] A1

[51] **Int.Cl. 6B24D 3/34**  
[25] EN  
[54] **ABRASIVE TOOL**

[54] **OUTIL ABRASIF**  
[72] WILLISTON, William H., US  
[72] KUO, Shih Yee, US  
[72] BULJAN, Sergej-Tomislav, US  
[72] RAMANATH, Srinivasan, US  
[71] NORTON COMPANY, US  
[22] 1999-03-12  
[43] 1999-09-27  
[30] US (09/049,623) 1998-03-27

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**26 septembre 1999 - 2 octobre 1999**

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[21] **2,265,402**  
[13] A1

[51] **Int.Cl. 6E21F 1/10**  
[25] EN  
[54] **DOOR SYSTEM FOR A MINE STOPPING**  
[54] **SYSTEME DE PORTES POUR UNE MINE**  
[72] KENNEDY, William R., US  
[72] KENNEDY, John M., US  
[71] JACK KENNEDY METAL PRODUCTS & BUILDINGS, INC., US  
[22] 1999-03-17  
[43] 1999-09-30  
[30] US (09/052,322) 1998-03-31

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[21] **2,265,403**  
[13] A1

[51] **Int.Cl. 6D21F 7/08**  
[25] EN  
[54] **TEXTILE LENGTH, PROCESS FOR PRODUCING ONE SUCH TEXTILE LENGTH, AND A DEVICE FOR EXECUTING THIS PROCESS**  
[54] **LONGUEUR DE TEXTILE, PROCEDE DE CONFECTION D'UNE TELLE LONGUEUR DE TEXTILE, ET APPAREIL POUR L'EXECUTION DE CE PROCEDE**  
[72] KORFER, Stefan, DE  
[71] THOMAS JOSEF HEIMBACH GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG & CO., DE  
[22] 1999-03-17  
[43] 1999-10-02  
[30] EP (98 106 032.0) 1998-04-02

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[21] **2,265,418**  
[13] A1

[51] **Int.Cl. 6C07C 69/88 6A61K 7/42 6A61K 7/48**  
[25] EN  
[54] **METHOXYCINNAMYLOXY SALYCILATE AND COSMETIC COMPOSITIONS CONTAINING METHOXYCINNAMYLOXY SALYCILATE**  
[54] **SALYCILATE DE METHOXYCINNAMYLOXY ET COMPOSES COSMETIQUES CONTENANT DU SALYCILATE DE METHOXYCINNAMYLOXY**  
[72] COREY, Joseph Michael, US  
[72] DEFLORIO, Victor, US  
[72] VARGAS, Anthony, US  
[71] UNILEVER PLC, GB  
[22] 1999-03-15  
[43] 1999-09-26  
[30] US (09/048733) 1998-03-26  
[30] US (09/048738) 1998-03-26

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[21] **2,265,979**  
[13] A1

[51] **Int.Cl. 6B65H 51/04 6B65H 59/16 6B65H 51/30**  
[25] EN  
[54] **LOW-INERTIA POSITIVE FEED MECHANISM FOR ELASTOMER YARNS**  
[54] **DISPOSITIF D'ALIMENTATION POSITIF DE FAIBLE INERTIE POUR FILS ELASTOMERES**  
[72] LEINS, Eberhard, DE  
[72] SCHMODDE, Hermann, DE  
[71] MEMMINGER-IRO GMBH, DE  
[22] 1999-03-17  
[43] 1999-09-26  
[30] DE (198 13 351.0) 1998-03-26

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[21] **2,266,087**  
[13] A1

[51] **Int.Cl. 6E04F 21/06 6E04F 21/16**  
[25] EN  
[54] **A TROWEL HAVING IMPOSED BLADE STRESSES AND METHOD OF MANUFACTURE**  
[54] **TRUELLE SUBISSANT DES CONTRAINTES IMPOSEES ET METHODE DE FABRICATION**  
[72] MURDERS, Jack D., US  
[72] McCOMBER, Larry J., US  
[71] MARSHALLTOWN TROWEL COMPANY, US  
[22] 1999-03-17  
[43] 1999-09-30  
[30] US (09/052,700) 1998-03-31

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[21] **2,266,097**  
[13] A1

[51] **Int.Cl. 6A47K 10/24 6A61F 13/15**  
[25] EN  
[54] **A SINGLE-PLY DISPENSER NAPKIN**  
[54] **DISTRIBUTEUR DE SERVIETTES MONOPLI**  
[72] GOODING, Chester W., Jr., US  
[72] BURRIER, Byron E., US  
[72] YARDLEY, Craig D., US  
[71] FORT JAMES CORPORATION, US  
[22] 1999-03-17  
[43] 1999-09-27  
[30] US (09/049,103) 1998-03-27

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[21] **2,266,136**  
[13] A1

[51] **Int.Cl. 6B60R 22/18**  
[25] EN  
[54] **TONGUE HOOKING MECHANISM FOR SEAT BELT**  
[54] **MECANISME DE VERROUILLAGE DE CEINTURE DE SECURITE**  
[72] KAMIDA, Kouji, JP  
[72] KURITA, Makoto, JP  
[72] MORI, Takahiro, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 1999-03-19  
[43] 1999-09-26  
[30] JP (10-79546) 1998-03-26

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[21] **2,266,138**  
[13] A1

[51] **Int.Cl. 6C07C 303/32 6C11D 1/12 6C10M 159/24 6C07C 309/28**  
[25] EN  
[54] **A PROCESS FOR MAKING OVERBASED CALCIUM SULFATE DETERGENTS USING CALCIUM OXIDE AND A LESS THAN STOICHIOMETRIC AMOUNT OF WATER**  
[54] **PROCESSUS DE PRODUCTION DE DETERSIFS DE SULFATE DE CALCIUM SUPPLEMENTAIRES A L'AIDE D'OXYDE DE CALCIUM ET D'UNE QUANTITE D'EAU MOINS QUE STOECHIOMETRIQUE**  
[72] ROLFES, Allen J., US  
[72] JAYNES, Scot Eric, US  
[71] THE LUBRIZOL CORPORATION, US  
[22] 1999-03-19  
[43] 1999-09-27  
[30] US (09/049,449) 1998-03-27

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[21] 2,266,140  
[13] A1

[51] **Int.Cl. 6F01D 5/18**  
[25] EN  
[54] **GAS TURBINE COOLED BLADE**  
[54] **LAME REFROIDIE PAR TURBINE A GAZ**  
[72] MASADA, Junichiro, JP  
[72] TAKEISHI, Kenichiro, JP  
[72] SUENAGA, Kiyoshi, JP  
[72] ISHIGURO, Tatsuo, JP  
[72] TOMITA, Yasuoki, JP  
[72] MATSUURA, Masaaki, JP  
[72] WATANABE, Koji, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 1999-03-19  
[43] 1999-09-26  
[30] JP (10-079181) 1998-03-26  
[30] JP (10-079184) 1998-03-26

[21] 2,266,142  
[13] A1

[51] **Int.Cl. 6F04B 49/03 6F04B 49/06**  
[25] EN  
[54] **VALVE SYSTEM FOR RESTARTING OSCILLATING CONTROLLER**  
[54] **SYSTEME DE SOUPAPES POUR LE REDEMARRAGE D'UN REGULATEUR OSCILLATOIRE**  
[72] WILLIAMS, James F., US  
[71] WILLIAMS INSTRUMENT INCORPORATED, US  
[22] 1999-03-19  
[43] 1999-09-26  
[30] US (09/048,709) 1998-03-26

[21] 2,266,147  
[13] A1

[51] **Int.Cl. 6C08L 27/02 6C08K 5/00 6C08K 13/02 6C08K 5/098 6C08K 3/16 6C08K 5/37**  
[25] EN  
[54] **A LATENT MERCAPTAN AS A HEAT STABILIZER**  
[54] **MERCAPTAN LATENT COMME STABILISANT THERMIQUE**  
[72] ADAMS, Paul B., US  
[72] DUVAL, Tod C., US  
[72] NORRIS, Gene K., US  
[71] MORTON INTERNATIONAL, INC., US  
[22] 1999-03-18  
[43] 1999-09-26  
[30] US (09/048,492) 1998-03-26  
[30] US (09/133,605) 1998-08-13

[21] 2,266,168  
[13] A1

[51] **Int.Cl. 6H04B 10/18 6G02B 6/27**  
[25] EN  
[54] **METHOD AND APPARATUS FOR COMPENSATING FOR POLARIZATION-MODE DISPERSION IN AN OPTICAL TRANSMISSION LINE**  
[54] **METHODE ET APPAREIL POUR CORRIGER LA DISPERSION CAUSEE PAR LE MODE POLARISE SUR UNE LIGNE DE TRANSMISSION PAR FIBRES OPTIQUES**  
[72] BERESNEV, Leonid, DE  
[72] DULTZ, Wolfgang, DE  
[72] SCHMITZER, Heidrun, DE  
[72] HILS, Bernhard, DE  
[72] VOBIAN, Joachim, DE  
[71] DEUTSCHE TELEKOM AG, DE  
[22] 1999-03-18  
[43] 1999-10-01  
[30] DE (198 14 497.0) 1998-04-01

[21] 2,266,231  
[13] A1

[51] **Int.Cl. 6A61B 10/00**  
[25] EN  
[54] **GYNAECOLOGICAL SAMPLERS**  
[54] **APPAREILS DE PRELEVEMENTS GYNECOLOGIQUES**  
[72] MORRIS, Edward Patrick, GB  
[72] RIDOUT, Paul Benjamin, GB  
[71] MORRIS, Edward Patrick, GB  
[71] SMITHS INDUSTRIES PUBLIC LIMITED COMPANY, GB  
[22] 1999-03-19  
[43] 1999-10-01  
[30] GB (9807075) 1998-04-01

[21] 2,266,250  
[13] A1

[51] **Int.Cl. 6C08G 18/80 6C09D 175/04**  
[25] EN  
[54] **POLYISOCYANATES BLOCKED WITH CH-ACIDIC ESTERS AND STABILIZED AGAINST THERMAL YELLOWING**  
[54] **POLYISOCYANATES BLOQUES PAR DES ESTERS ACIDES CH ET STABILISES CONTRE LE JAUNISSEMENT THERMIQUE**  
[72] KUTTNER, Wolfram, DE  
[72] KONIG, Eberhard, DE  
[72] KOBUSCH, Claus, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1999-03-22  
[43] 1999-09-26  
[30] DE (19813352.9) 1998-03-26

[21] 2,266,251  
[13] A1

[51] **Int.Cl. 6C01G 45/02 6H01M 4/50**  
[25] EN  
[54] **METHOD FOR PRODUCING SPINEL TYPE LITHIUM MANGANESE COMPLEX OXIDE**  
[54] **METHODE DE PRODUCTION D'OXYDE DE MANGANESE COMPLEXE ET DE LITHIUM DE TYPE SPINELLE**  
[72] HATTORI, Koji, JP  
[72] YAMASHITA, Yasuhisa, JP  
[71] MURATA MANUFACTURING CO., LTD., JP  
[22] 1999-03-23  
[43] 1999-09-26  
[30] JP (10-79420) 1998-03-26

[21] 2,266,252  
[13] A1

[51] **Int.Cl. 6C08F 2/38**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF TELECHELIC SUBSTANCES, TELECHELIC SUBSTANCES PRODUCED IN THIS MANNER AND USE THEREOF**  
[54] **PROCESSUS DE PRODUCTION DE SUBSTANCES TELECHELIQUES, SUBSTANCES TELECHELIQUES AINSI PRODUITES ET LEUR USAGE**  
[72] MARGOTTE, Dieter, DE  
[72] MELCHORS, Martin, DE  
[72] HOCKER, Hartwig, DE  
[72] KEUL, Helmut, DE  
[72] NEUMANN, Andreas, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1999-03-22  
[43] 1999-09-26  
[30] DE (198 13 353.7) 1998-03-26

[21] 2,266,253  
[13] A1

[51] **Int.Cl. 6H01R 13/58 6H01R 13/52**  
[25] EN  
[54] **A STRAIN-RELIEVED, WATER TIGHT CORD GRIP**  
[54] **CORDE DE PRISE REDUCTRICE DE TENSION ET ETANCHE**  
[72] CASTALDO, Cosmo, US  
[71] LEVITON MANUFACTURING CO., INC., US  
[22] 1999-03-23  
[43] 1999-09-26  
[30] US (09/048,858) 1998-03-26

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[21] **2,266,256**  
[13] A1

[51] **Int.Cl. 6A46B 3/16 6A46B 5/00**  
[25] EN  
[54] **WIRE RETENTION MECHANISM FOR A BROOM**  
[54] **MECANISME D'ARRET DE FIL POUR BALAI**  
[72] JACOBS, Neal, US  
[71] RUBBERMAID INCORPORATED, US  
[22] 1999-03-22  
[43] 1999-09-26  
[30] US (09/048,352) 1998-03-26

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[21] **2,266,260**  
[13] A1

[51] **Int.Cl. 6B60G 3/00 6B62D 7/16**  
[25] EN  
[54] **SHOCK ABSORBING LEG WITH TOP STEERING ATTACHMENT**  
[54] **JAMBE ANTICHOQ AVEC ACCESSOIRE DE DIRECTION SITUÉ À L'EXTREMITÉ SUPÉRIEURE DE CELLE-CI**  
[72] EHMKEN, Ede, DE  
[72] BECKER, Otto, DE  
[71] GROVE U.S. L.L.C., US  
[22] 1999-03-22  
[43] 1999-09-27  
[30] DE (198 137 96.6) 1998-03-27

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[21] **2,266,267**  
[13] A1

[51] **Int.Cl. 6H02K 5/04**  
[25] EN  
[54] **MOTOR AND END FRAME THEREFOR FOR MACHINE OR PUMP APPLICATIONS AND METHOD OF ASSEMBLING SAME**  
[54] **MOTEUR ET CADRE D'EXTREMITÉ POUR CE MOTEUR DESTINÉS AUX APPLICATIONS DE MACHINE OU DE POMPE, ET LEUR MÉTHODE D'ASSEMBLAGE**  
[72] LIN, Chih M., US  
[71] A.O. SMITH CORPORATION, US  
[22] 1999-03-22  
[43] 1999-10-02  
[30] US (09/054,119) 1998-04-02

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[21] **2,266,272**  
[13] A1

[51] **Int.Cl. 6B23K 9/10 6B23K 9/067**  
[25] EN  
[54] **METHOD OF AND APPARATUS FOR INITIATING A WELDING ARC**  
[54] **MÉTHODE ET APPAREIL D'AMORÇAGE D'UN ARC DE SOUDAGE**  
[72] DE COSTER, Albert J., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1999-03-23  
[43] 1999-10-01  
[30] US (09/053,255) 1998-04-01

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[21] **2,266,273**  
[13] A1

[51] **Int.Cl. 6B23K 9/10 6B23K 10/00**  
[25] EN  
[54] **CONTROL INTERFACE FOR WELDING DEVICE**  
[54] **INTERFACE DE CONTRÔLE POUR DISPOSITIF DE SOUDAGE**  
[72] FERKEL, Stephen P., US  
[72] HERALY, Todd M., US  
[72] BORCHERT, Neal M., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1999-03-23  
[43] 1999-10-01  
[30] US (09/053,162) 1998-04-01

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[21] **2,266,287**  
[13] A1

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **DISPOSABLE DIAPER**  
[54] **COUCHE JETABLE**  
[72] YOSHIOKA, Toshiyasu, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 1999-03-23  
[43] 1999-09-27  
[30] JP (10-81139) 1998-03-27

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[21] **2,266,290**  
[13] A1

[51] **Int.Cl. 6G07D 7/00**  
[25] EN  
[54] **PROCESS FOR RECOGNIZING AND TESTING SECURITIES**  
[54] **PROCESSUS DE RECONNAISSANCE ET DE VÉRIFICATION DE VALEURS MOBILIÈRES**  
[72] DETTMAR, Uwe, DE  
[72] ALDIS, James, CH  
[72] PAPIING, Martin, CH  
[71] ASCOM AUTELCA AG, CH  
[22] 1999-03-23  
[43] 1999-09-30  
[30] EP (98 810 271.1) 1998-03-30

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[21] **2,266,294**  
[13] A1

[51] **Int.Cl. 6H02G 15/013**  
[25] EN  
[54] **CABLE GLAND**  
[54] **PRESSE-ÉTOUPE**  
[72] HAND, Edward, GB  
[71] HAWKE CABLE GLANDS LIMITED, GB  
[22] 1999-03-19  
[43] 1999-09-27  
[30] GB (9806483.5) 1998-03-27

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[21] **2,266,305**  
[13] A1

[51] **Int.Cl. 6B65D 47/20 6A47J 47/01 6A47G 19/30 6B65D 47/32**  
[25] EN  
[54] **STRUCTURE OF THE OPENING FOR A CONTAINER FOR LIQUIDS**  
[54] **STRUCTURE DE L'OUVERTURE D'UN CONTENEUR DE LIQUIDES**  
[72] GOTO, Toru, JP  
[72] KOWA, Yasuhiro, JP  
[72] HIROSE, Masato, JP  
[71] NIPPON SANSO CORPORATION, JP  
[22] 1999-03-23  
[43] 1999-09-27  
[30] JP (10-082242) 1998-03-27

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[21] **2,266,557**  
[13] A1

[51] **Int.Cl. 6E04H 4/00**  
[25] EN  
[54] **INFLATABLE SWIMMING POOL AND SUPPORTING SHELL**  
[54] **PISCINE GONFLABLE ET CADRE DE SUPPORT**  
[72] PETERSON, LeRoy, US  
[71] SPORTSSTUFF, INC., US  
[22] 1999-03-22  
[43] 1999-10-02  
[30] US (09/054,116) 1998-04-02

[21] **2,266,573**  
[13] A1

[51] **Int.Cl. 6B02C 13/14**  
[25] EN  
[54] **COMMINUTION AND DISTRIBUTION DEVICE FOR COMMUNUTABLE, PUMPABLE MATERIALS**  
[54] **DISPOSITIF DE COMMINUTION ET DE DISTRIBUTION DE MATERIAUX COMMUNUTABLES ET POMPABLES**  
[72] KILLER, Anton, DE  
[71] SEP GESELLSCHAFT FUR TECHNISCHE STUDIEN, ENTWICKLUNG, PLANUNG MBH, DE  
[22] 1999-03-22  
[43] 1999-09-26  
[30] DE (19813485.1) 1998-03-26

[21] **2,266,611**  
[13] A1

[51] **Int.Cl. 6G02B 27/30 6G02B 23/16**  
[25] FR  
[54] **DISPOSITIF ESCAMOTABLE, DE TYPE PARE-SOLEIL, POUR UN INSTRUMENT OPTIQUE TEL QU'UN TELESCOPE SPATIAL**  
[54] **RETRACTABLE SUN-SHADE DEVICE, FOR AN OPTICAL INSTRUMENT SUCH AS A SPACE TELESCOPE**  
[72] KRAWCZYK, Rodolphe André, FR  
[71] ALCATEL, FR  
[22] 1999-03-22  
[43] 1999-09-26  
[30] FR (98 03748) 1998-03-26

[21] **2,266,695**  
[13] A1

[51] **Int.Cl. 6H02K 1/06**  
[25] EN  
[54] **ELECTRIC MOTOR**  
[54] **MOTEUR ELECTRIQUE**  
[72] BENITO IZQUIERDO, José Antonio, ES  
[71] MAVILOR SYSTEMES S.A., CH  
[22] 1999-03-23  
[43] 1999-09-27  
[30] CH (0745/98) 1998-03-27

[21] **2,266,717**  
[13] A1

[51] **Int.Cl. 6B23K 9/10 6B23K 9/067**  
[25] EN  
[54] **METHOD AND APPARATUS FOR INITIATING A WELDING ARC**  
[54] **METHODE ET APPAREIL D'AMORCAGE D'UN ARC DE SOUDAGE**  
[72] HERALY, Todd M., US  
[72] STANZEL, Kenneth A., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1999-03-23  
[43] 1999-10-01  
[30] US (09/053,194) 1998-04-01

[21] **2,266,729**  
[13] A1

[51] **Int.Cl. 6F23G 7/06**  
[25] EN  
[54] **INCINERATION PROCESS**  
[54] **PROCESSUS D'INCINERATION**  
[72] STRMEN, Jan, CA  
[71] STRMEN, Jan, CA  
[22] 1999-03-23  
[43] 1999-09-27  
[30] CA (2,233,475) 1998-03-27  
[30] CA (2,234,200) 1998-04-06

[21] **2,266,736**  
[13] A1

[51] **Int.Cl. 6G08B 13/00 6G08B 13/22**  
[25] EN  
[54] **A THEFT-DETERRENT DEVICE AND A LOCKING ELEMENT AND A RELEASE DEVICE FOR A THEFT-DETERRENT DEVICE**  
[54] **DISPOSITIF ANTIVOL ET ELEMENT DE VERROUILLAGE, ET MECANISME DE DEGAGEMENT POUR UN DISPOSITIF ANTIVOL**  
[72] GUSTAVSSON, Bo, SE  
[72] STOLTZ, Klas, SE  
[71] FÄRGKLÄMMAN AB, SE  
[22] 1999-03-23  
[43] 1999-10-01  
[30] SE (9801154-7) 1998-04-01

[21] **2,266,742**  
[13] A1

[51] **Int.Cl. 6C10M 159/22 6C10M 141/08**  
[25] EN  
[54] **LUBRICATING OIL COMPOSITIONS SUITABLE FOR USE IN MEDIUM SPEED DIESEL ENGINES**  
[54] **HUILES LUBRIFIANTES CONVENANT AUX MOTEURS DIESELS SEMI-RAPIDES**  
[72] POLHAAR, Gerardus Johannes Everhardus, NL  
[72] VROLIJK, Dirk Jan Elzo, NL  
[71] POLHAAR, Gerardus Johannes Everhardus, NL  
[71] VROLIJK, Dirk Jan Elzo, NL  
[22] 1999-03-25  
[43] 1999-09-26  
[30] EP (98 302 333.4) 1998-03-26

[21] **2,266,751**  
[13] A1

[51] **Int.Cl. 6B26D 7/00**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR CUTTING MATERIAL WEBS COMPRISING IMAGES LOCATED THEREON**  
[54] **METHODE ET APPAREIL DE DECOUPE DE TISSUS COMPRENANT DES IMAGES**  
[72] OBERTEGGER, Franz, IT  
[71] DURST PHOTOTECHNIK AG, IT  
[22] 1999-03-24  
[43] 1999-09-30  
[30] IT (BZ 98 A 000 013) 1998-03-31

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**26 septembre 1999 - 2 octobre 1999**

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[21] **2,266,758**  
[13] A1

[51] **Int.Cl. 6B30B 1/26**  
[25] EN  
[54] **INFINITE VARIABLE SLIDE MOTION FOR A MECHANICAL POWER PRESS**  
[54] **MOUVEMENT DE CHARIOT A VARIABLE INFINIE POUR PRESSE MECANIQUE**  
[72] TEMPLE, Scott G., US  
[72] BORNHORST, John B., US  
[71] THE MINSTER MACHINE COMPANY, US  
[22] 1999-03-24  
[43] 1999-09-26  
[30] US (60/079,452) 1998-03-26

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[21] **2,266,768**  
[13] A1

[51] **Int.Cl. 6A01D 23/04 6A01D 17/10**  
[25] EN  
[54] **POTATO HARVESTING MACHINE**  
[54] **ARRACHEUSE DE POMMES DE TERRE**  
[72] KALVERKAMP, Klemens, DE  
[71] FRANZ GRIMME LANDMASCHINENFABRIK GMBH & CO. KG, DE  
[22] 1999-03-24  
[43] 1999-09-27  
[30] DE (198 13 647.1) 1998-03-27

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[21] **2,266,769**  
[13] A1

[51] **Int.Cl. 6C04B 35/50**  
[25] EN  
[54] **FLUORITE CERAMIC MATERIAL**  
[54] **CERAMIQUE AU SPATH FLUOR**  
[72] GORDES, Petru, DK  
[72] CHRISTIANSEN, Niels, DK  
[71] HALDOR TOPSOE A/S, DK  
[22] 1999-03-24  
[43] 1999-09-30  
[30] US (60/080/210) 1998-03-31

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[21] **2,266,778**  
[13] A1

[51] **Int.Cl. 6B65D 75/30 6A61F 13/15**  
[25] EN  
[54] **MULTIPLE LANE PACKAGING OF FEMININE SANITARY ARTICLES AND RESULTING PRODUCT**  
[54] **METHODE DE CONDITIONNEMENT D'ARTICLES HYGIENIQUES FEMININS ET PRODUIT RESULTANT**  
[72] WEITZE, Eberhard D., US  
[72] BURROW, Ricky R., US  
[71] McNEIL-PPC, INC., US  
[22] 1999-03-24  
[43] 1999-09-30  
[30] US (09/050483) 1998-03-30

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[21] **2,266,791**  
[13] A1

[51] **Int.Cl. 6B62D 55/065 6B66C 23/26 6B66C 23/36 6B66C 23/64**  
[25] EN  
[54] **FOUR TRACK CRAWLER CRANE**  
[54] **GRUE SUR QUATRE CHENILLES**  
[72] PLEUSS, Alan E., US  
[72] PORUBCANSKY, Kenneth J., US  
[72] PECH, David J., US  
[71] MANITOWOC CRANE GROUP, INC., US  
[22] 1999-03-25  
[43] 1999-09-27  
[30] US (60/079,727) 1998-03-27

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[21] **2,266,799**  
[13] A1

[51] **Int.Cl. 6C08L 33/04 6C08L 75/04**  
[25] EN  
[54] **AQUEOUS DISPERSIONS CONTAINING A MIXTURE OF COPOLYMERS AND THEIR USE IN BINDERS**  
[54] **DISPERSIONS AQUEUSES CONTENANT UN MELANGE DE COPOLYMERES ET LEUR EMPLOI COMME LIANTS**  
[72] NOBLE, Karl Ludwig, DE  
[72] HOVESTADT, Wieland, DE  
[72] BLUM, Harald, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1999-03-25  
[43] 1999-09-30  
[30] DE (198 14 061.4) 1998-03-30

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[54] **THERAPIE GENIQUE CELLULAIRE**  
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[71] AN-GO-GEN INC., CA  
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[43] 1999-09-27  
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[51] **Int.Cl. 6H04Q 7/30 6H04B 7/005 6H04Q 7/22**  
[25] EN  
[54] **METHOD OF CONTROLLING TRANSMISSION POWER IN CELLULAR SYSTEM AND BASE STATION APPARATUS**  
[54] **METHODE DE CONTROLE DE LA PUISSANCE D'EMISSION D'UN SYSTEME CELLULAIRE ET APPAREIL DE STATION DE BASE**  
[72] HAMABE, Kojiro, JP  
[71] NEC CORPORATION, JP  
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[30] JP (081862/98) 1998-03-27  
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[21] **2,266,819**  
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[51] **Int.Cl. 6B67D 1/04**  
[25] EN  
[54] **DISPENSE OF BEVERAGES CONTAINING CONTROLLED LEVELS OF DISSOLVED GAS**  
[54] **DISTRIBUTION DE BOISSONS CONTENANT DES NIVEAUX CONTROLES DE GAZ DISSOUS**  
[72] PAGE, John K.R., GB  
[71] PERMEA, INC., US  
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[51] **Int.Cl. 6A01K 63/04**  
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[54] **FILTRE EXTERNE UTILE NOTAMMENT DANS LES AQUARIUMS**  
[72] WIEDENMANN, Walter, DE  
[72] MAYER, Ferdinand, DE  
[71] EHEIM GMBH & CO. KG, DE  
[22] 1999-03-19  
[43] 1999-09-30  
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[13] A1  
[51] **Int.Cl. 6G01J 3/46 6G01K 11/16**  
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[54] **INTERPRETATION DE PEINTURE THERMOCHROME**  
[72] SMITH, Marcus Donegan Wood, GB  
[71] ROLLS-ROYCE PLC, GB  
[22] 1999-03-19  
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[13] A1  
[51] **Int.Cl. 6B01F 3/04**  
[25] EN  
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[54] **APPAREIL D'INJECTION DES GAZ DANS UN LIQUIDE EN ECOULEMENT**  
[72] MINZENBERGER, Richard A., US  
[72] TRAEEDER, Terry Jay, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 1999-03-24  
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[13] A1  
[51] **Int.Cl. 6B65G 53/02 6B65G 27/00 6B65G 53/20**  
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[54] **JET VENTILATED CONVEYOR TRAY**  
[54] **CONVOYEUR A PLATEAUX AERE AU MOYEN DE JETS**  
[72] CARLYLE, Allan M., CA  
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[54] **PLAQUE D'OSTEOSYNTHESE ORTHOPEDIQUE**  
[72] PRICE, Gregory G., US  
[72] MEYERS, John E., US  
[72] PATTERSON, Stanley W., US  
[72] WINQUIST, Robert A., US  
[72] GOULET, James, US  
[72] DUWELIUS, Paul, US  
[72] BENIRSCHKE, Steve, US  
[72] DESJARDINS, Raymond, CA  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[71] WINQUIST, Robert A., US  
[71] GOULET, James, US  
[71] DUWELIUS, Paul, US  
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[51] **Int.Cl. 6F01D 11/02**  
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[54] **STRUCTURE D'ETANCHEITE POUR TURBINE A GAZ**  
[72] AI, Toshishige, JP  
[72] YURI, Masanori, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
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[13] A1  
[51] **Int.Cl. 6B21D 43/00 6B21D 11/12 6B21D 43/28**  
[25] EN  
[54] **APPARATUS FOR PRODUCING REINFORCING CAGES FOR RECTANGULAR PIPES MADE OF CONCRETE**  
[54] **APPAREIL POUR LA PRODUCTION DE CAGES DE RENFORCEMENT POUR LES TUYAUX RECTANGULAIRES EN BETON**  
[72] MEHRE, Klaus, DE  
[71] MBK MASCHINENBAU GMBH, DE  
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[43] 1999-09-30  
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[51] **Int.Cl. 6C10M 103/06 6C21D 7/13**  
[25] EN  
[54] **PROCESS FOR HOT ROLLING STAINLESS STEEL AND SURFACE TREATMENT COMPOSITIONS USED THEREIN**  
[54] **PROCESSUS DE LAMINAGE DE L'ACIER ET COMPOSES DE TRAITEMENT DE SURFACE**  
[72] ITOYAMA, Seiji, JP  
[72] SHIBATA, Hiromitsu, JP  
[72] SORIMACHI, Kenichi, JP  
[71] KAWASAKI STEEL CORPORATION, JP  
[22] 1999-03-24  
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[13] A1  
[51] **Int.Cl. 6B60J 5/04 6E06B 3/00**  
[25] EN  
[54] **DOOR BEAM OF ALUMINUM ALLOY**  
[54] **RENFORT DE PORTE EN ALLIAGE D'ALUMINIUM**  
[72] TAKEUCHI, Hisashi, JP  
[72] YAMASHITA, Hiroyuki, JP  
[72] HIRANO, Masakazu, JP  
[71] KABUSHIKI KAISHA KOBE SEIKO SHO a/k/a KOBE STEEL, LTD., JP  
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[13] A1

[51] **Int.Cl. 6C23C 4/12**  
[25] EN  
[54] **METHOD OF ELIMINATING UNEVENNESS IN PASS-REVERSAL TERMINAL SPRAYING**  
[54] **METHODE D'ELIMINATION DES IRREGULARITES DANS LA PULVERISATION TERMINALE AVEC MOUVEMENT REVERSIBLE**  
[72] COOK, David James, US  
[72] BAUGHMAN, James Richard, US  
[71] FORD GLOBAL TECHNOLOGIES, INC., US  
[22] 1999-03-25  
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[13] A1

[51] **Int.Cl. 6F16F 9/53**  
[25] EN  
[54] **METHOD OF STABILIZING VALVE LIFT-OFF IN HYDRAULIC SHOCK ABSORBERS**  
[54] **METHODE DE STABILISATION DE LA LEVEE DES SOUPAPES DES AMORTISSEURS HYDRAULIQUES**  
[72] LYNCH, Michael James, US  
[72] YOUNG, Colin Jeffrey, US  
[72] STEWART, William McMurray, US  
[72] SALTSMAN, Benjamin J., US  
[71] FORD GLOBAL TECHNOLOGIES, INC., US  
[22] 1999-03-25  
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[21] **2,266,874**  
[13] A1

[51] **Int.Cl. 6G01S 13/08 6G01S 7/28**  
[25] EN  
[54] **FILLING LEVEL MEASURING DEVICE OPERATING WITH MICROWAVES**  
[54] **DISPOSITIF DE MESURE DE NIVEAUX DE REMPLISSAGE A BASE D'HYPERFREQUENCES**  
[72] BURGER, Stefan, DE  
[72] HARDELL, Alexander, DE  
[72] WIEN, Andreas, DE  
[72] OBERLE, Klaus-Peter, DE  
[71] ENDRESS + HAUSER GMBH + CO., DE  
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[43] 1999-09-28  
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[13] A1

[51] **Int.Cl. 6B27B 5/00**  
[25] EN  
[54] **A PANEL SAWING DEVICE**  
[54] **APPAREIL DE SCIAGE DE PANNEAUX**  
[72] BENUZZI, Piergiorgio, IT  
[71] GIBEN IMPIANTI S.P.A., IT  
[22] 1999-03-25  
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[13] A1

[51] **Int.Cl. 6A01N 25/22 6A01N 25/04 6A01N 25/14 6A01N 57/20 6A01N 47/28 6A01N 43/50**  
[25] EN  
[54] **SOLID AGRICULTURAL COMPOSITIONS COMPRISING A MONOSACCHARIDE, AN OLIGOSACCHARIDE AND/OR A POLYSACCHARIDE**  
[54] **COMPOSITIONS AGRICOLES SOLIDES COMPRENANT DU MONOSACCHARIDE, DE L'OLIGOSACCHARIDE ET/OU DU POLYSACCHARIDE**  
[72] MILLER, Sandra Christine, US  
[72] ARENDT, Volker Dietrich, US  
[71] AMERICAN CYANAMID COMPANY, US  
[22] 1999-03-25  
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[51] **Int.Cl. 6E01B 33/00 6E01B 35/10**  
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[54] **A METHOD FOR CORRECTING THE POSITION OF A TRACK**  
[54] **METHODE DE CORRECTION DE LA POSITION D'UNE PISTE**  
[72] LICHTBERGER, Bernhard, AT  
[72] THEURER, Josef, AT  
[71] FRANZ PLASSER BAHNBAUMASCHINEN-INDUSTRIEGESELLSCHAFT M.B.H., AT  
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[54] **WELLHEAD RETRIEVING TOOL**  
[54] **OUTIL DE RECUPERATION D'UNE TETE DE PUIT**  
[72] DAVIS, John P., US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 1999-03-25  
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[13] A1

[51] **Int.Cl. 6G06F 3/12 6G06F 17/60**  
[25] EN  
[54] **PRINTING APPARATUS, READING APPARATUS, AND PROCESSING SYSTEM FOR CHECKS**  
[54] **APPAREIL D'IMPRESSION, DE LECTURE DE CHEQUES ET SYSTEME DE TRAITEMENT DE CHEQUES**  
[72] ONO, Hiroshi, JP  
[71] SEIKO EPSON CORPORATION, JP  
[22] 1999-03-25  
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[13] A1

[51] **Int.Cl. 6A61B 5/021 6A61B 5/026**  
[25] EN  
[54] **DEVICES FOR IN-VIVO DETERMINATION OF THE COMPLIANCE FUNCTION AND THE SYSTEMIC BLOOD FLOW OF A LIVING BEING**  
[54] **APPAREILS POUR LA DETERMINATION IN VIVO DE LA COMPLIANCE ET DU FLUX SANGUIN SYSTEMIQUE D'UN ETRE VIVANT**  
[72] JOEKEN, Stephan, DE  
[72] PFEIFFER, Ulrich J., DE  
[72] FÄHLE, Matthias, DE  
[71] PULSION VERWALTUNGS GMBH & CO. MEDICAL SYSTEMS KG., DE  
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[51] **Int.Cl. 6B23K 9/00 6B23K 10/02**  
[25] FR  
[54] **PROCEDE DE SOUDAGE OU DE COUPAGE PLASMA OU TIG AVEC GAZ NON-OXYDANT A FAIBLE TENEUR EN IMPURETES H2O ET/OU O2**  
[54] **PLASMA OR TIG WELDING OR CUTTING PROCESS USING A NON-OXYDIZING GAS LOW IN H2O AND/OR O2 IMPURITIES**  
[72] BORNE, André, FR  
[72] REMY, Francis, FR  
[71] L' AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉD, FR  
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[51] **Int.Cl. 6H04M 11/06**  
[25] EN  
[54] **MODEM APPARATUS AND DATA COMMUNICATION METHOD**  
[54] **MODEM ET METHODE DE TRANSMISSION DE DONNEES**  
[72] TAKAGI, Genzo, JP  
[72] NOGUCHI, Yoshihiro, JP  
[71] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP  
[22] 1999-03-24  
[43] 1999-10-01  
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[51] **Int.Cl. 6H01R 13/46**  
[25] EN  
[54] **ARMOR STOP FOR METAL CLAD CABLE CONNECTOR**  
[54] **BUTEE D'ARMURE POUR RACCORD DE CABLE A REVETEMENT METALLIQUE**  
[72] MARIK, Gregory C., US  
[71] THOMAS & BETTS INTERNATIONAL INC., US  
[22] 1999-03-25  
[43] 1999-09-27  
[30] US (60/079,744) 1998-03-27

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[51] **Int.Cl. 6B64D 47/00 6B64C 30/00 6B64D 33/08 6F02C 7/12 6B64C 1/40**  
[25] FR  
[54] **STRUCTURE DE PROTECTION THERMIQUE**  
[54] **THERMAL PROTECTION STRUCTURE**  
[72] AVRACHKOV, Valery, RU  
[72] LEVINE, Vadim, RU  
[72] BOUCHEZ, Marc, FR  
[71] AVRACHKOV, Valery, RU  
[71] LEVINE, Vadim, RU  
[71] BOUCHEZ, Marc, FR  
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[43] 1999-09-26  
[30] FR (98/03728) 1998-03-26

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[13] A1  
[51] **Int.Cl. 6G05D 7/00 6G01F 11/00 6G05D 11/02 6G01F 11/44**  
[25] EN  
[54] **METHOD OF METERING A LIQUID ADDITIVE INTO A LIQUID SILICON-CONTAINING MATERIAL**  
[54] **METHODE DE MESURE D'UN ADDITIF LIQUIDE DANS UNE MATIERE LIQUIDE CONTENANT DU SILICIUM**  
[72] TROMBLEY, Wayne Edward, US  
[71] DOW CORNING CORPORATION, US  
[22] 1999-03-24  
[43] 1999-09-27  
[30] US (09/049,501) 1998-03-27

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[51] **Int.Cl. 6H04Q 7/22 6H04Q 7/36**  
[25] EN  
[54] **CELLULAR SYSTEM AND FREQUENCY CARRIER ALLOCATION METHOD THEREOF**  
[54] **SYSTEME CELLULAIRE ET METHODE D'AFFECTATION DES ONDES PORTEUSES**  
[72] HAMABE, Kojiro, JP  
[71] NEC CORPORATION, JP  
[22] 1999-03-25  
[43] 1999-09-26  
[30] JP (079757/'98) 1998-03-26

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[51] **Int.Cl. 6H03H 7/00 6H02K 11/02**  
[25] EN  
[54] **LOAD-SIDE FILTER ARRANGEMENT FOR A CONVERTER CIRCUIT ARRANGEMENT**  
[54] **FILTRE COTE CHARGE POUR CIRCUIT DE CONVERSION**  
[72] WILD, Gerhard, CH  
[71] ASEA BROWN BOVERI AG, CH  
[22] 1999-03-24  
[43] 1999-09-30  
[30] DE (198 14 059.2) 1998-03-30

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[13] A1  
[51] **Int.Cl. 6G06F 17/30**  
[25] EN  
[54] **METHOD AND SYSTEM FOR STORING AND RETRIEVING DOCUMENTS**  
[54] **METHODE ET SYSTEME DE STOCKAGE ET DE RECUPERATION DE DOCUMENTS**  
[72] KOLFMAN, Michael, US  
[71] MULTEX SYSTEMS, INC., US  
[22] 1999-03-25  
[43] 1999-10-01  
[30] US (09/053,515) 1998-04-01

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[13] A1  
[51] **Int.Cl. 6G01S 15/96 6G01S 7/53 6G01S 7/539 6G01S 15/88**  
[25] EN  
[54] **APPARATUS SUITABLE FOR SEARCHING OBJECTS IN WATER**  
[54] **APPAREIL POUR LA DETECTION D'OBJETS SOUS L'EAU**  
[72] SEKINE, Chogo, JP  
[71] JAPAN RADIO CO., LTD., JP  
[22] 1999-03-25  
[43] 1999-09-30  
[30] JP (HEI 10-86731) 1998-03-31  
[30] JP (HEI 10-250584) 1998-09-04

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[25] EN  
[54] **DISPOSABLE DIAPER**  
[54] **COUCHE JETABLE**  
[72] SUEKANE, Makoto, JP  
[72] SUZUKI, Naomi, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 1999-03-25  
[43] 1999-09-30  
[30] JP (10-87391) 1998-03-31

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[13] A1

[51] **Int.Cl. 6G01C 19/72**  
[25] EN  
[54] **OPTICAL FIBER GYROSCOPE**  
[54] **GYROSCOPE A FIBRES OPTIQUES**  
[72] ICHIGI, Takenori, JP  
[72] YUHARA, Toshiya, JP  
[72] OHNUKI, Wataru, JP  
[72] TOYODA, Shuhei, JP  
[72] TETSU, Toshiyuki, JP  
[72] SOEKAWA, Hirokazu, JP  
[71] NGK INSULATORS, LTD., JP  
[71] HITACHI CABLE, LTD., JP  
[22] 1999-03-25  
[43] 1999-09-27  
[30] JP (10-82175) 1998-03-27

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[13] A1

[51] **Int.Cl. 6G06F 19/00**  
[25] EN  
[54] **MULTI-RULE QUALITY CONTROL METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL DE CONTROLE DE LA QUALITE A REGLES MULTIPLES**  
[72] SCARR, Gary K., US  
[72] SIMMONS, Mark J., US  
[72] RUSU, Laurian I., US  
[72] WEDEL, Dale L., US  
[72] AKHAVAN, Kamran, US  
[71] ROCHE DIAGNOSTICS CORPORATION, US  
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[43] 1999-09-30  
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[13] A1

[51] **Int.Cl. 6B27L 7/06**  
[25] EN  
[54] **LOG SPLITTER WITH MANUALLY OPERATED HYDRAULIC JACK**  
[54] **FENDEUSE DE BUCHES A VERIN HYDRAULIQUE**  
[72] GREEN, William R., US  
[71] EXTANT, INC., US  
[22] 1999-03-26  
[43] 1999-09-26  
[30] US (60/079,398) 1998-03-26

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[21] **2,266,963**  
[13] A1

[51] **Int.Cl. 6A47L 9/28**  
[25] EN  
[54] **WET CLEANING APPARATUS**  
[54] **APPAREIL DE NETTOYAGE PAR VOIE HUMIDE**  
[72] ROTH, Paul, DE  
[71] PROAIR GMBH GERÄTEBAU, DE  
[22] 1999-03-25  
[43] 1999-09-27  
[30] DE (198 13 434.7) 1998-03-27

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[13] A1

[51] **Int.Cl. 6F28F 9/02**  
[25] EN  
[54] **ALUMINUM HEADER CONSTRUCTION**  
[54] **CONSTRUCTION D'UN COLLECTEUR EN ALUMINIUM**  
[72] HAMANN, Rial, US  
[72] McIVER, Kenneth, US  
[72] WARLICK, Richard Jr., US  
[72] PHELPS, Jerry, US  
[72] WOODHULL, Ivan Jr., US  
[71] KARMAZIN PRODUCTS CORPORATION, US  
[22] 1999-03-25  
[43] 1999-09-27  
[30] US (09/049,742) 1998-03-27  
[30] US (09/266,783) 1999-03-12

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[13] A1

[51] **Int.Cl. 6H04Q 11/02 6H04J 14/02**  
[25] EN  
[54] **AN OPTICAL SWITCHING APPARATUS USING WAVELENGTH DIVISION MULTIPLEXING TECHNOLOGY**  
[54] **COMMUTATEUR OPTIQUE A MULTIPLEXAGE PAR REPARTITION EN LONGUEUR D'ONDE**  
[72] SUEMURA, Yoshihiko, JP  
[72] HENMI, Naoya, JP  
[71] NEC CORPORATION, JP  
[22] 1999-03-25  
[43] 1999-09-26  
[30] JP (079500/1998) 1998-03-26

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[21] **2,266,968**  
[13] A1

[51] **Int.Cl. 6C09D 5/03**  
[25] EN  
[54] **POWDER COATING COMPOSITION**  
[54] **REVETEMENT EN POUDRE**  
[72] SHIRAKI, Hiroyuki, JP  
[72] FUJII, Tatsuo, JP  
[72] MORITA, Hirokazu, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[22] 1999-03-25  
[43] 1999-09-26  
[30] JP (100455/1998) 1998-03-26

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[13] A1

[51] **Int.Cl. 6H05K 7/00 6H05K 1/02 6H05K 7/02**  
[25] EN  
[54] **HIGH DENSITY STACKED CIRCUIT MODULE**  
[54] **MODULE DE CIRCUITS EMPILES HAUTE DENSITE**  
[72] SCHMIEG, Steven R., US  
[72] MAHON, Shawn M., US  
[72] PACZKOWSKI, Theodore T., US  
[71] HEI, INC., US  
[22] 1999-03-26  
[43] 1999-09-30  
[30] US (09/050,318) 1998-03-30

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[13] A1  
[51] **Int.Cl. 6C08L 3/14 6C08L 3/02 6C08J 5/18**  
[25] EN  
[54] **FOILS AND COATINGS**  
[54] **PELLICULES ET REVETEMENTS**  
[72] PAWLAK, Peter, DE  
[72] HAERTER, Gernod, DE  
[72] ALBRECHT, Rotraut, DE  
[72] ZULEG, Heike, DE  
[72] BOETTCHER, Silvio, DE  
[72] SCHWARTZE, Erich Heinrich, DE  
[71] GESELLSCHAFT FUR  
SPEZIALFOLIEN-ENTWICKLUNG  
M.B.H., DE  
[22] 1999-03-25  
[43] 1999-09-26  
[30] DE (198 13 229.8-44) 1998-03-26

[21] **2,266,985**  
[13] A1  
[51] **Int.Cl. 6H01M 10/26**  
[25] EN  
[54] **LITHIUM SECONDARY BATTERY**  
[54] **BATTERIE D'ACCUMULATEURS  
AU LITHIUM**  
[72] KAMINO, Maruo, JP  
[72] UESUGI, Makoto, JP  
[72] NOHMA, Toshiyuki, JP  
[72] FUJIMOTO, Masahisa, JP  
[72] NISHIO, Koji, JP  
[71] SANYO ELECTRIC CO., LTD., JP  
[22] 1999-03-25  
[43] 1999-09-30  
[30] JP (10-105797/1998) 1998-03-31

[21] **2,266,991**  
[13] A1  
[51] **Int.Cl. 6G02B 6/44**  
[25] EN  
[54] **WATER BLOCKING  
COMPONENTS FOR FIBER OPTIC  
CABLE**  
[54] **COMPOSES HYDROFUGES POUR  
CABLE A FIBRES OPTIQUES**  
[72] WHITE, Kevin T., US  
[71] SIECOR OPERATIONS, LLC, US  
[22] 1999-03-26  
[43] 1999-09-30  
[30] US (09/052,337) 1998-03-31

[21] **2,266,992**  
[13] A1  
[51] **Int.Cl. 6G02B 6/35 6H04Q 3/52**  
[25] EN  
[54] **EXPANDABLE MATRIX OPTICAL  
SWITCH**  
[54] **COMMUNTEUR OPTIQUE  
EXTENSIBLE POUR MATRICE**  
[72] DUCK, Gary S., CA  
[71] JDS FITEL INC., CA  
[22] 1999-03-26  
[43] 1999-10-01  
[30] US (09/052,878) 1998-04-01

[21] **2,266,993**  
[13] A1  
[51] **Int.Cl. 6H01R 13/66 6H01R 9/09  
6H04L 29/10**  
[25] EN  
[54] **STANDARD FOOTPRINT AND  
FORM FACTOR RJ-45 CONNECTOR  
WITH INTEGRATED SIGNAL  
CONDITIONING FOR HIGH SPEED  
NETWORKS**  
[54] **ZONE DE COUVERTURE ET  
CONNECTEUR DE FORMAT RJ-45  
STANDARD AVEC  
CONDITIONNEMENT INTEGRE DES  
SIGNAUX POUR RESEAUX HAUTE  
VITESSE**  
[72] KUNZ, William E., US  
[71] REGAL ELECTRONICS, INC., US  
[22] 1999-03-25  
[43] 1999-10-01  
[30] US (09/053,883) 1998-04-01

[21] **2,266,995**  
[13] A1  
[51] **Int.Cl. 6H01R 13/66 6H01R 9/09  
6H04L 29/10**  
[25] EN  
[54] **RJ-45 MODULAR CONNECTOR  
WITH MICROWAVE-TRANSMISSION-  
LINE INTEGRATED SIGNAL  
CONDITIONING FOR HIGH SPEED  
NETWORKS**  
[54] **CONNECTEUR MODULAIRE RJ-45  
AVEC CONDITIONNEMENT INTEGRE  
DES SIGNAUX D'UNE LIGNE DE  
TRANSMISSION HYPERFREQUENCE  
POUR RESEAUX HAUTE VITESSE**  
[72] McCAMEY, Avon, US  
[72] KUNZ, William E., US  
[71] REGAL ELECTRONICS, INC., US  
[22] 1999-03-25  
[43] 1999-10-01  
[30] US (09/053,811) 1998-04-01

[21] **2,266,997**  
[13] A1  
[51] **Int.Cl. 6B07C 3/02 6B07C 5/38 6B65G  
47/48**  
[25] EN  
[54] **SORTING SYSTEM**  
[54] **SYSTEME DE TRI**  
[72] HOPKINS, Gregory Charles, GB  
[72] JONES, Keith Malcolm, GB  
[71] THE POST OFFICE, GB  
[22] 1999-03-26  
[43] 1999-09-27  
[30] GB (9806668.1) 1998-03-27

[21] **2,267,000**  
[13] A1  
[51] **Int.Cl. 6E04F 13/18 6E04C 2/20**  
[25] EN  
[54] **REINFORCED VINYL SIDING**  
[54] **REVETEMENT DE VINYLE  
RENFORCE**  
[72] MANNING, John M., US  
[72] SCOTT, Michael K., US  
[71] CRANE PLASTICS COMPANY  
LIMITED PARTNERSHIP, US  
[22] 1999-03-25  
[43] 1999-09-26  
[30] US (60/079,476) 1998-03-26

[21] **2,267,003**  
[13] A1  
[51] **Int.Cl. 6A61F 7/08**  
[25] EN  
[54] **THERMAL WARMING BLANKET  
FOR PATIENT TEMPERATURE  
MANAGEMENT**  
[54] **COUVERTURE THERMIQUE  
POUR GERER LA TEMPERATURE DES  
PATIENTS**  
[72] WEST, Arlen C., US  
[71] WEST, Arlen C., US  
[22] 1999-03-25  
[43] 1999-09-26  
[30] US (60/079,455) 1998-03-26

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[21] **2,267,005**  
[13] A1

[51] **Int.Cl. 6G01R 35/00**  
[25] EN  
[54] **TEST CIRCUIT FOR VERIFYING OPERATION OF AN ARC FAULT DETECTOR**  
[54] **CIRCUIT D'ESSAI POUR VERIFIER LE FONCTIONNEMENT D'UN DETECTEUR DE DEFAUTS D'UN ARC**  
[72] MACKENZIE, Raymond Warren, US  
[71] EATON CORPORATION, US  
[22] 1999-03-26  
[43] 1999-09-27  
[30] US (09/049,318) 1998-03-27

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[21] **2,267,007**  
[13] A1

[51] **Int.Cl. 6H01H 9/02**  
[25] EN  
[54] **COMPARTMENTALIZED ARC CHAMBER**  
[54] **TUBE A DECHARGE COMPARTIMENTE**  
[72] PEVER, Steven E., US  
[71] SIEMENS ENERGY & AUTOMATION, INC., US  
[22] 1999-03-24  
[43] 1999-09-26  
[30] US (09/048,662) 1998-03-26

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[21] **2,267,009**  
[13] A1

[51] **Int.Cl. 6G01R 35/00 6G01R 31/327**  
[25] EN  
[54] **PLUG-IN MULTIFUNCTION TESTER FOR AC ELECTRICAL DISTRIBUTION SYSTEM**  
[54] **APPAREIL DE VERIFICATION MULTIFONCTIONNEL ENFICHABLE POUR RESEAU DE DISTRIBUTION D'ELECTRICITE**  
[72] MACKENZIE, Raymond Warren, US  
[71] EATON CORPORATION, US  
[22] 1999-03-26  
[43] 1999-09-27  
[30] US (09/049,320) 1998-03-27

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[21] **2,267,010**  
[13] A1

[51] **Int.Cl. 6B01D 53/92 6F01N 3/20**  
[25] EN  
[54] **PROCESS FOR OPERATING AN EXHAUST GAS TREATMENT UNIT**  
[54] **PROCESSUS POUR FAIRE FONCTIONNER UNE UNITE D'EPURATION DE GAZ D'ECHAPPEMENT**  
[72] STREHLAU, Wolfgang, DE  
[72] LOX, Egbert, DE  
[72] MULLER, Wilfried, DE  
[72] GOBEL, Ulrich, DE  
[72] DOMESLE, Rainer, DE  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[22] 1999-03-26  
[43] 1999-09-27  
[30] DE (198 13 654.4) 1998-03-27

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[21] **2,267,015**  
[13] A1

[51] **Int.Cl. 6B32B 15/08 6B32B 27/08 6B32B 15/12 6B32B 27/32**  
[25] EN  
[54] **LAMINATED FILM**  
[54] **FILM LAMINE**  
[72] AKIYAMA, Satoshi, JP  
[72] SOUMA, Yoshikuni, JP  
[72] WATANABE, Jun, JP  
[71] MITSUI CHEMICALS, INC., JP  
[22] 1999-03-25  
[43] 1999-09-26  
[30] JP (79110/1998) 1998-03-26

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[21] **2,267,016**  
[13] A1

[51] **Int.Cl. 6B65D 35/52 6B65D 47/04**  
[25] EN  
[54] **FLEXIBLE VENTED SELF-SEALING DISPENSING VALVE**  
[54] **BUSE DE DISTRIBUTION AUTO-OBTURANT ET FLEXIBLE, DOTE DE SYSTEME D'ADMISSION D'AIR**  
[72] FUCHS, Timothy J., US  
[71] OWENS-ILLINOIS CLOSURE INC., US  
[22] 1999-03-26  
[43] 1999-10-02  
[30] US (09/053,709) 1998-04-02

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[21] **2,267,017**  
[13] A1

[51] **Int.Cl. 6G02B 6/40**  
[25] EN  
[54] **MULTI-PORT LENSED OPTICAL DEVICE**  
[54] **DISPOSITIF MULTIPORT A LENTILLES OPTIQUES**  
[72] DUCK, Gary S., CA  
[72] TEITELBAUM, Neil, CA  
[72] CHENG, Yihao, CA  
[72] DELISLE, Vincent, CA  
[71] JDS FTEL INC., CA  
[22] 1999-03-26  
[43] 1999-10-01  
[30] US (09/052,879) 1998-04-01

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[21] **2,267,024**  
[13] A1

[51] **Int.Cl. 6G02B 6/44**  
[25] EN  
[54] **DRY FIBER OPTIC CABLE**  
[54] **CABLE OPTIQUE A FIBRES SECHES**  
[72] BRINGUIER, Anne G., US  
[72] WHITE, Kevin T., US  
[71] SIECOR OPERATIONS, LLC, US  
[22] 1999-03-26  
[43] 1999-09-27  
[30] US (09/049,417) 1998-03-27

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[21] **2,267,027**  
[13] A1

[51] **Int.Cl. 6B05B 3/02**  
[25] EN  
[54] **ROTARY ATOMIZER FOR PARTICULATE PAINTS**  
[54] **PULVERISATEUR ROTATIF POUR PEINTURES PARTICULAIRES**  
[72] HELDT, Robert F., US  
[72] VETTER, Kurt, DE  
[72] SCHNEIDER, Rolf, DE  
[71] BEHR SYSTEMS, INC., US  
[22] 1999-03-26  
[43] 1999-09-27  
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[13] A1  
[51] **Int.Cl. 6B08B 9/06**  
[25] EN  
[54] **PIPE CLEANING VEHICLE**  
[54] **VEHICULE POUR UTILISATION**  
**LORS DU NETTOIEMENT DE TUYAUX**  
[72] SINZ, Helmut, DE  
[71] GAPVAX, INC., US  
[22] 1999-03-26  
[43] 1999-10-02  
[30] US (09/053,774) 1998-04-02

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[21] **2,267,032**  
[13] A1  
[51] **Int.Cl. 6B65D 81/34 6B65B 29/02**  
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[25] EN  
[54] **BOIL-IN-BAG SACHET**  
[54] **SACHET DE CUISSON**  
[72] BERINGS, Kristian, BE  
[72] SPOREN, Frieda Jacqueline Helene, BE  
[71] N.V. MASTERFOODS S.A., BE  
[22] 1999-03-26  
[43] 1999-10-01  
[30] GB (9807037.8) 1998-04-01

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[21] **2,267,037**  
[13] A1  
[51] **Int.Cl. 6F16L 15/04**  
[25] EN  
[54] **A CLAMPING RING COUPLING**  
[54] **UN RACCORD DE COLLIER DE**  
**SERRAGE**  
[72] STIGSON, Joakim, SE  
[71] EZZE AB, SE  
[22] 1999-03-26  
[43] 1999-09-27  
[30] SE (9801087-9) 1998-03-27

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[21] **2,267,029**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/36 6H04Q 7/22**  
[25] EN  
[54] **METHOD OF PREVENTING**  
**INTERFERENCE OF ADJACENT**  
**FREQUENCIES IN A CELLULAR**  
**SYSTEM BY SELECTION BETWEEN**  
**ADJACENT CARRIER FREQUENCY**  
**AND NON-ADJACENT CARRIER**  
**FREQUENCY**  
[54] **METHODE DE PREVENTION**  
**D'INTERFERENCE DE FREQUENCES**  
**ADJACENTES DANS UN SYSTEME**  
**CELLULAIRE EN CHOISSANT**  
**ENTRE UNE FREQUENCE PORTEUSE**  
**ADJACENTE ET UNE FREQUENCE**  
**PORTEUSE NON ADJACENTE**  
[72] HAMABE, Kojiro, JP  
[71] NEC CORPORATION, JP  
[22] 1999-03-26  
[43] 1999-09-27  
[30] JP (081863/1998) 1998-03-27  
[30] JP (013237/1999) 1999-01-21

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[21] **2,267,033**  
[13] A1  
[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **VIRTUAL PRIVATE NETWORK**  
**FORMING SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE**  
**FORMATION D'UN RESEAU PRIVE**  
**VIRTUEL**  
[72] YAMANO, Shigeki, JP  
[71] NEC CORPORATION, JP  
[22] 1999-03-26  
[43] 1999-09-27  
[30] JP (080947/1998) 1998-03-27

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[21] **2,267,045**  
[13] A1  
[51] **Int.Cl. 6C25B 3/00 6C25B 11/06**  
[25] EN  
[54] **ELECTROCHEMICAL**  
**HYDROGENOLYSIS OF LIGNINS ON**  
**RANEY NICKEL BASED CATHODES**  
[54] **HYDROGENOLYSE**  
**ELECTROCHIMIQUE DE LIGNINES**  
**SUR DES CATHODES EN NICKEL DE**  
**RANEY**  
[72] CHILTZ, Florence, FR  
[72] LESSARD, Jean, CA  
[72] MARTEL, Anna, CA  
[72] BROSSARD, Louis, CA  
[72] MÈNARD, Hugues, CA  
[72] CYR, André, CA  
[72] JEANSON, Paul, CA  
[71] UNIVERSITE DE SHERBROOKE, CA  
[71] HYDRO-QUEBEC, CA  
[22] 1999-03-26  
[43] 1999-09-26  
[30] CA (2,233,375) 1998-03-26

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[21] **2,267,030**  
[13] A1  
[51] **Int.Cl. 6D21G 1/02**  
[25] EN  
[54] **CALENDER, IN PARTICULAR FOR**  
**TREATMENT OF A PAPER WEB**  
[54] **CALANDRE, SURTOUT POUR LE**  
**TRAITEMENT D'UNE BANDE**  
**CONTINUE DE PAPIER**  
[72] CONRAD, Hans-Rolf, DE  
[72] ZIMMERMAN, Lothar Dr., DE  
[71] VOITH SULZER PAPIERTECHNIK  
PATENT GMBH, DE  
[22] 1999-03-26  
[43] 1999-09-27  
[30] DE (198 13 640.4) 1998-03-27

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[21] **2,267,034**  
[13] A1  
[51] **Int.Cl. 6H04Q 1/20 6H04L 12/26**  
[25] EN  
[54] **COMMUNICATION SYSTEM**  
**ARCHITECTURE AND A**  
**CONNECTION VERIFICATION**  
**MECHANISM THEREFOR**  
[54] **ARCHITECTURE D'UN SYSTEME**  
**DE COMMUNICATION ET**  
**MECANISME DE VERIFICATION DES**  
**CONNEXIONS DE CELLE-CI**  
[72] MAUGER, Roy Harold, GB  
[72] BRUECKHEIMER, Simon Daniel, GB  
[72] CABLE, Julian Frank Barry, GB  
[71] NORTHERN TELECOM LIMITED,  
CA  
[22] 1999-03-26  
[43] 1999-09-28  
[30] US (09/049,702) 1998-03-28

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[21] **2,267,046**  
[13] A1  
[51] **Int.Cl. 6C08L 21/00 6C08K 13/08**  
[25] EN  
[54] **RUBBER MIXTURES**  
**CONTAINING TRIMETHYLPROPANE**  
**DISTILLATION RESIDUES**  
[54] **MELANGES DE CAOUTCHOUC**  
**CONTENANT DES RESIDUS DE**  
**DISTILLATION DE**  
**TRIMETHYLOLPROPANE**  
[72] SCHOLL, Thomas, DE  
[72] STEGER, Lothar, DE  
[72] WEIDENHAUPT, Herman-Josef, DE  
[72] NOACK, Achim, DE  
[71] BAYER AKTIENGESELLSCHAFT,  
DE  
[22] 1999-03-29  
[43] 1999-10-01  
[30] DE (19814655.8) 1998-04-01

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[13] A1

[51] **Int.Cl. 6C07D 257/04 6A61K 31/19 6A61K 31/215 6A61K 31/275 6A61K 31/41 6A61K 31/445 6A61K 31/495 6A61K 31/535 6A61K 31/54 6C07C 235/78 6C07C 59/90**

[25] EN  
[54] **DERIVATIVES OF PHENOXY ACETIC ACID AND PHENOXYMETHYL TETRAZOLE HAVING ANTITUMOR ACTIVITY**  
[54] **DERIVES D'ACIDE PHENOXY ACETIQUE ET PHENOXYMETHYLE-TETRAZOLE AYANT UNE ACTION ANTITUMORALE**  
[72] SCHUMACHER, Ralf, DE  
[72] KALUZA, Brigitte, DE  
[72] HANSEN, Silke, DE  
[72] MENTA, Ernesto, IT  
[72] DI DOMENICO, Roberto, IT  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 1999-03-26  
[43] 1999-09-30  
[30] EP (98105726.8) 1998-03-30

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[21] **2,267,048**  
[13] A1

[51] **Int.Cl. 6A61L 2/20 6A01N 59/00 6C13D 3/08**

[25] EN  
[54] **METHOD AND APPARATUS FOR CLEANING AND SANITIZING MAPLE SYRUP PRODUCTION APPARATUS**  
[54] **METHODE ET DISPOSITIF DE NETTOYAGE ET DE DESINFECTION D'UN APPAREIL D'ACERICULTURE**  
[72] SPAETH, Bert A., US  
[71] RS ENVIRONMENTAL SOLUTIONS INC., US  
[22] 1999-03-26  
[43] 1999-09-26  
[30] US (60/079,435) 1998-03-26

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[13] A1

[51] **Int.Cl. 6F02M 35/024 6F02M 35/00 6B01D 45/08 6F02M 25/08**

[25] EN  
[54] **AIR FILTER ASSEMBLY FOR AUTOMOTIVE FUEL VAPOR RECOVERY SYSTEM**  
[54] **FILTRE A AIR POUR SYSTEME DE RECUPERATION DES VAPEURS DE COMBUSTIBLE**  
[72] BUGLI, Neville Jimmy, US  
[72] KHAMI, Roger, US  
[72] CERMAK, Michael, US  
[72] DUMAS, James T., US  
[72] WILSON, Johanne, US  
[72] SATARINO, Charles David, US  
[71] FORD MOTOR COMPANY OF CANADA, LIMITED, CA  
[22] 1999-03-29  
[43] 1999-09-30  
[30] US (09/050,139) 1998-03-30

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[21] **2,267,051**  
[13] A1

[51] **Int.Cl. 6F02D 9/08 6F16K 1/22**

[25] EN  
[54] **CLAMSHELL THROTTLE VALVE ASSEMBLY**  
[54] **VALVE D'ADMISSION A COQUILLES POUR MOTEUR A COMBUSTION**  
[72] TUNEFF, Mark, US  
[72] FORBES, Robert J., US  
[72] FIORINI, John, US  
[71] FORD MOTOR COMPANY OF CANADA, LIMITED, CA  
[22] 1999-03-29  
[43] 1999-09-30  
[30] US (09/050,183) 1998-03-30

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[21] **2,267,052**  
[13] A1

[51] **Int.Cl. 6C08L 83/04 6C09D 183/04 6C08G 77/14**

[25] EN  
[54] **BORON- AND /OR ALUMINIUM-CONTAINING MIXTURES, HYBRID MATERIALS, AND COATINGS**  
[54] **MELANGES, MATERIAUX HYBRIDES ET REVETEMENTS CONTENANT DU BORE OU DE L'ALUMINIUM**  
[72] MAGER, Michael, DE  
[72] HOFACKER, Steffen, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1999-03-26  
[43] 1999-09-30  
[30] DE (19814060.6) 1998-03-30

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[21] **2,267,053**  
[13] A1

[51] **Int.Cl. 6F16L 19/12**

[25] EN  
[54] **IMPROVEMENTS IN OR RELATING TO TUBE COUPLINGS**  
[54] **AMELIORATIONS DE RACCORDS DE TUBES OU RELIEES A CEUX-CI**  
[72] GUEST, John Derek, GB  
[71] GUEST, John Derek, GB  
[22] 1999-03-26  
[43] 1999-09-27  
[30] GB (9806642.6) 1998-03-27

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[21] **2,267,054**  
[13] A1

[51] **Int.Cl. 6B01J 21/04 6B01J 33/00 6B01J 21/10 6B01J 23/40 6B01D 53/50**

[25] EN  
[54] **STORAGE MATERIAL FOR SULFUR OXIDES**  
[54] **MATERIAU DE STOCKAGE D'OXYDES DE SOUFRE**  
[72] GOBEL, Ulrich, DE  
[72] DOMESLE, Rainer, DE  
[72] STREHLAU, Wolfgang, DE  
[72] KREUZER, Thomas, DE  
[72] LOX, Egbert, DE  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[22] 1999-03-26  
[43] 1999-09-27  
[30] DE (198 13 655.2) 1998-03-27

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[21] **2,267,055**  
[13] A1

[51] **Int.Cl. 6G01S 13/34**

[25] EN  
[54] **ARRANGEMENT FOR PRECISE DISTANCE MEASURING, IN PARTICULAR FOR FILLING LEVEL MEASURING**  
[54] **INSTALLATION POUR LA MESURE PRECISE DE DISTANCES, PLUS PARTICULIEREMENT DE NIVEAUX DE REMPLISSAGE**  
[72] GLUTH, Rolf, DE  
[72] ZIMMERMANN, Berthold, DE  
[72] CRAMER, Stefan, DE  
[71] DAIMLERCHRYSLER AG, DE  
[22] 1999-03-26  
[43] 1999-09-27  
[30] DE (198 13 604.8) 1998-03-27

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[21] **2,267,056**  
[13] A1

[51] **Int.Cl. 6F16H 7/02 6F02B 67/06 6F16G 1/28 6F16H 55/36**  
[25] EN  
[54] **PULLEY WITH CONTROLLED SURFACE IRREGULARITY FOR AN INTERNAL COMBUSTION ENGINE**  
[54] **POULIE A IRREGULARITES SUPERFICIELLES CONTROLEES POUR MOTEUR A COMBUSTION INTERNE**  
[72] MECKSTROTH, Richard John, US  
[71] FORD GLOBAL TECHNOLOGIES, INC., US  
[22] 1999-03-29  
[43] 1999-09-30  
[30] US (09/050,206) 1998-03-30

[21] **2,267,064**  
[13] A1

[51] **Int.Cl. 6G02C 7/04**  
[25] EN  
[54] **CONTACT LENSES BEARING IDENTIFYING MARKS**  
[54] **LENTILLES CORNEENNES PORTANT DES MARQUES D'IDENTIFICATION**  
[72] WU, Jongliang, US  
[72] CROWE, Carl G., US  
[72] MARTIN, W. Anthony, US  
[72] WALKER, Jon Scott, US  
[72] NEADLE, Susan-Wendy B., US  
[72] HUTFLES, Patricia Anne, US  
[72] CHEHAB, Khaled A., US  
[72] NASON, Richard J., US  
[72] POLING, Timothy R., US  
[71] JOHNSON & JOHNSON VISION PRODUCTS, INC., US  
[22] 1999-03-29  
[43] 1999-09-30  
[30] US (09/052,433) 1998-03-31

[21] **2,267,080**  
[13] A1

[51] **Int.Cl. 6C07D 233/70 6C07D 401/00 6C07D 403/00 6C07D 405/00 6C07D 243/04 6C07D 239/22 6C07F 9/645**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF CYCLIC 4-OXOAMIDINES**  
[54] **PROCEDE DE PREPARATION D'OXO-4-AMIDINES CYCLIQUES**  
[72] DRAUZ, Karlheinz, DE  
[72] PELGRIMS, Ivan, BE  
[72] HOFFMANN, Rolf, BE  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[22] 1999-03-26  
[43] 1999-09-27  
[30] DE (198 13 435.5) 1998-03-27

[21] **2,267,084**  
[13] A1

[51] **Int.Cl. 6C07K 1/16**  
[25] EN  
[54] **PROCESS FOR THE ONE-STAGE RESALTING AND PURIFICATION OF OLIGOPEPTIDES**  
[54] **PROCEDE A UNE PHASE DE RESALAGE ET DE PURIFICATION D'OLIGOPEPTIDES**  
[72] GUNTHER, Kurt, DE  
[72] KUNZ, Franz-Rudolf, DE  
[72] DRAUZ, Karlheinz, DE  
[72] MULLER, Thomas, DE  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[22] 1999-03-26  
[43] 1999-09-27  
[30] DE (198 13 849.0) 1998-03-27

[21] **2,267,130**  
[13] A1

[51] **Int.Cl. 6C09J 123/20 6C09J 123/26**  
[25] EN  
[54] **PRESSURE-SENSITIVE ADHESIVE AND SURFACE PROTECTING MATERIAL**  
[54] **COLLE DE CONTACT ET MATERIAU DE PROTECTION DE SURFACE**  
[72] SANO, Kenji, JP  
[72] TAGUCHI, Akira, JP  
[72] UEDA, Hiroshi, JP  
[72] MATSUI, Komaharu, JP  
[72] EDA, Takeshi, JP  
[72] MITSUDA, Hideki, JP  
[72] TERANISHI, Isamu, JP  
[72] SHIRAI, Mitsuyoshi, JP  
[71] NITTO DENKO CORPORATION, JP  
[71] KANSAI PAINT CO., LTD., JP  
[22] 1999-03-29  
[43] 1999-09-30  
[30] JP (10-105476) 1998-03-31

[21] **2,267,134**  
[13] A1

[51] **Int.Cl. 6C08G 77/06 6C08G 77/46**  
[25] EN  
[54] **CONTINUOUS MANUFACTURE OF SILICONE COPOLYMERS**  
[54] **FABRICATION CONTINUE DE COPOLYMERES DE SILICIUM**  
[72] CRANE, William E., US  
[72] KAYSER, Robert A., US  
[72] RITSCHER, James S., US  
[72] AUSTIN, Paul E., US  
[72] FARRIS, David D., US  
[71] WITCO CORPORATION, US  
[22] 1999-03-29  
[43] 1999-10-01  
[30] US (09/053,291) 1998-04-01

[21] **2,267,135**  
[13] A1

[51] **Int.Cl. 6A01N 25/08 6A01N 43/36**  
[25] EN  
[54] **SPRAYABLE INSECTICIDAL COMPOSITIONS HAVING ENHANCED EFFICACY**  
[54] **INSECTICIDES VAPORISABLES A EFFICACITE ACCRUE**  
[72] KIMLER, Joseph, US  
[71] AMERICAN CYANAMID COMPANY, US  
[22] 1999-03-29  
[43] 1999-09-30  
[30] US (09/052,444) 1998-03-31

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[21] **2,267,384**  
[13] A1

[51] **Int.Cl. 6A61B 17/36 6H01R 13/703**  
[25] EN  
[54] **METHODS AND APPARATUS TO RECOGNIZE SURGICAL APPARATUS**  
[54] **METHODES ET APPAREILS D'IDENTIFICATION DES APPAREILS CHIRURGICAUX**  
[72] HOUSER, Kevin, US  
[71] ETHICON ENDO-SURGERY, INC., US  
[22] 1999-03-26  
[43] 1999-09-30  
[30] US (09/050,755) 1998-03-30

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[21] **2,267,393**  
[13] A1

[51] **Int.Cl. 6C09D 11/02 6B41J 2/175**  
[25] EN  
[54] **INK, INK SET, INK CARTRIDGE, RECORDING UNIT, IMAGE RECORDING PROCESS AND IMAGE RECORDING APPARATUS**  
[54] **ENCRE, DISTRIBUTEUR ET CARTOUCHE D'ENCRE, DETECTEUR DE SIGNAUX ET PROCESSUS ET APPAREIL D'ENREGISTREMENT D'IMAGES**  
[72] KURABAYASHI, Yutaka, JP  
[71] CANON KABUSHIKI KAISHA, JP  
[22] 1999-03-30  
[43] 1999-10-01  
[30] JP (10-088690) 1998-04-01  
[30] JP (10-088691) 1998-04-01  
[30] JP (11-083598) 1999-03-26

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[21] **2,267,398**  
[13] A1

[51] **Int.Cl. 6G02B 6/12 6H04J 14/02 6G02B 5/28**  
[25] EN  
[54] **HYBRID WAVEGUIDING OPTICAL DEVICE**  
[54] **DISPOSITIF OPTIQUE HYBRIDE DE GUIDAGE D'ONDES**  
[72] DUCK, Gary S., CA  
[72] DELISLE, Vincent, CA  
[71] JDS FITEL INC., CA  
[22] 1999-03-26  
[43] 1999-10-01  
[30] US (09/052,933) 1998-04-01

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[21] **2,267,400**  
[13] A1

[51] **Int.Cl. 6F23L 7/00 6F23K 5/00**  
[25] EN  
[54] **COMBUSTION PROCESS USING SEPARATE INJECTIONS OF FUEL AND OF OXIDIZER**  
[54] **PROCESSUS DE COMBUSTION EMPLOYANT DES INJECTIONS DISTINCTES DE CARBURANT ET D'OXYDANT**  
[72] DUBOUDIN, Thierry, FR  
[72] LABEGORRE, Bernard, FR  
[71] L' AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCÉD, FR  
[22] 1999-03-30  
[43] 1999-10-02  
[30] FR (98 04116) 1998-04-02

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[21] **2,267,409**  
[13] A1

[51] **Int.Cl. 6E04D 13/15 6E04D 13/064**  
[25] EN  
[54] **ROOF DRIP EDGE WITH FLEXIBLE LEG**  
[54] **GOUTTIERE A PIED FLEXIBLE**  
[72] DRESSLER, Robert D., US  
[71] AMERIMAX HOME PRODUCTS, INC., US  
[22] 1999-03-30  
[43] 1999-09-30  
[30] US (09/052,355) 1998-03-31

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[21] **2,267,427**  
[13] A1

[51] **Int.Cl. 6G06F 3/14**  
[25] EN  
[54] **FONT SHARING SYSTEM AND METHOD, AND RECORDING MEDIUM STORING PROGRAM FOR EXECUTING FONT SHARING METHOD**  
[54] **SYSTEME ET METHODE D'UTILISATION COMMUNE DE POLICES, ET PROGRAMME D'ENREGISTREMENT ET DE STOCKAGE POUR L'EXECUTION DE CETTE METHODE D'UTILISATION COMMUNE DE POLICES**  
[72] TESHIMA, Atsushi, JP  
[71] FUJI PHOTO FILM CO., LTD., JP  
[22] 1999-03-30  
[43] 1999-09-30  
[30] JP (10-101774) 1998-03-31

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[21] **2,267,432**  
[13] A1

[51] **Int.Cl. 6H04L 12/56 6H04L 12/18 6H04L 12/26**  
[25] EN  
[54] **METHOD AND APPARATUS FOR POST MEMORY MULTICAST COMMON MEMORY SWITCHES**  
[54] **METHODE ET APPAREIL POUR LE MONITORAGE DE LA REPLICATION DE CELLULES DANS UN COMMUTATEUR DE SYSTEME DE DIFFUSION SELECTIVE**  
[72] NICHOLS, Stacy W., CA  
[72] STUART, David G., CA  
[72] BROWN, David A., CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1999-03-29  
[43] 1999-09-30  
[30] US (09/050,013) 1998-03-30

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[21] **2,267,433**  
[13] A1

[51] **Int.Cl. 6G01M 11/00**  
[25] EN  
[54] **APPARATUS FOR VERIFYING WIRE GAUGES OF MULTI-CORE OPTICAL FIBER**  
[54] **APPAREIL PERMETTANT DE VERIFIER LE CALIBRE DES FILS DE FIBRES OPTIQUES MULTICONDUCTEURS**  
[72] IIDA, Rikihiko, JP  
[72] OHKI, Kazuhiro, JP  
[71] ANDO ELECTRIC CO., LTD., JP  
[22] 1999-03-29  
[43] 1999-09-30  
[30] JP (10-87763) 1998-03-31

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[21] **2,267,436**  
[13] A1  
[51] **Int.Cl. 6G07B 17/02**  
[25] EN  
[54] **ROBUST DIGITAL TOKEN  
GENERATION AND VERIFICATION  
SYSTEM ACCOMMODATING TOKEN  
VERIFICATION WHERE ADDRESSEE  
INFORMATION CANNOT BE  
RECREATED IN AUTOMATED MAIL  
PROCESSING**  
[54] **GENERATION DE JETONS  
NUMERIQUES ROBUSTES ET  
SYSTEME DE PRISE EN CHARGE DE  
L'AUTHENTIFICATION PAR JETON  
OU LES DONNEES SUR LE  
DESTINATAIRE NE PEUVENT PAS  
ETRE RECREEES PAR LE  
TRAITEMENT AUTOMATISE DU  
COURRIER**  
[72] CORDERY, Robert A., US  
[72] PINTSOV, Leon A., US  
[71] PITNEY BOWES INC., US  
[22] 1999-03-29  
[43] 1999-09-30  
[30] US (09/052,419) 1998-03-31

[21] **2,267,447**  
[13] A1  
[51] **Int.Cl. 6H01B 7/28 6H01B 5/08  
6H01B 13/32**  
[25] EN  
[54] **APPARATUS, SYSTEMS AND  
METHODS FOR APPLYING FILLING  
COMPOUND AND WATER  
ABSORBING PARTICLES IN A  
STRANDED CONDUCTOR**  
[54] **APPAREIL, SYSTEMES ET  
METHODES POUR L'APPLICATION  
D'UN PRODUIT D'ETANCHEITE ET  
DES PARTICULES ABSORBANTES  
D'EAU A UN CONDUCTEUR TORONNE**  
[72] BRUYNELL, Timothy B., US  
[71] PIRELLI CABLE CORPORATION, US  
[22] 1999-03-30  
[43] 1999-09-30  
[30] US (09/052,574) 1998-03-31

[21] **2,267,453**  
[13] A1  
[51] **Int.Cl. 6F16L 19/00 6H01L 21/02**  
[25] EN  
[54] **FLUID COUPLING  
COUPLAGE FLUIDE**  
[54] YAMAJI, Michio, JP  
[72] SHINOHARA, Tsutomu, JP  
[72] YOKOYAMA, Kosuke, JP  
[71] FUJIKIN INCORPORATED, JP  
[22] 1999-03-30  
[43] 1999-09-30  
[30] JP (10/085807) 1998-03-31

[21] **2,267,460**  
[13] A1  
[51] **Int.Cl. 6A47J 31/08**  
[25] EN  
[54] **FILTER-PAPER INSERT FOR A  
FILTER HOLDER**  
[54] **INSERTION DE PAPIER-FILTRE  
POUR PANIER DE FILTRE**  
[72] FRANK, Stephan, DE  
[72] OLTHAUS, Hans, DE  
[72] DOLFEL, Rainer, DE  
[72] WITTENSCHLÄGER, Lutz, DE  
[72] STRATMANN, Harald, DE  
[71] MELITTA HAUSHALTSPRODUKTE  
GMBH & CO. KG, DE  
[22] 1999-03-29  
[43] 1999-09-30  
[30] DE (298 05 673.9) 1998-03-30

[21] **2,267,464**  
[13] A1  
[51] **Int.Cl. 6B02C 19/00 6B02C 19/12**  
[25] EN  
[54] **SYSTEM FOR GRINDING  
MATERIALS AT ATMOSPHERIC  
PRESSURE**  
[54] **SYSTEME DE PULVERISATION  
DE MATERIAUX A LA PRESSION DE  
L'ATMOSPHERE**  
[72] KOHLER, Rudolph Hugo, US  
[72] JACKSON, Johnny Dean, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 1999-03-29  
[43] 1999-09-30  
[30] US (09/050,123) 1998-03-30

[21] **2,267,472**  
[13] A1  
[51] **Int.Cl. 6H04L 12/42 6H04L 12/46**  
[25] EN  
[54] **COMMUNICATION NETWORK  
SYSTEM**  
[54] **SYSTEME DE RESEAU DE  
TELECOMMUNICATION**  
[72] ERI, Michiaki, JP  
[72] CHIKENJI, Takamitsu, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 1999-03-30  
[43] 1999-09-30  
[30] JP (83,968/1998) 1998-03-30  
[30] JP (105,020/1998) 1998-04-15  
[30] JP (113,490/1998) 1998-04-23

[21] **2,267,475**  
[13] A1  
[51] **Int.Cl. 6H04J 3/16 6H04L 12/56**  
[25] EN  
[54] **ATM ADAPTATION LAYER  
TRAFFIC SCHEDULING**  
[54] **GESTION DU TRAFIC DANS UNE  
COUCHE D'ADAPTATION MTA**  
[72] DUBUC, Ken, CA  
[71] NEWBRIDGE NETWORKS  
CORPORATION, CA  
[22] 1999-03-30  
[43] 1999-09-30  
[30] CA (2,233,491) 1998-03-30

[21] **2,267,476**  
[13] A1  
[51] **Int.Cl. 6G06F 17/40 6G06F 19/00  
6G06F 17/30**  
[25] EN  
[54] **TIME MANAGEMENT & TASK  
COMPLETION & PREDICTION  
APPARATUS**  
[54] **APPAREIL DE GESTION DE  
TEMPS PERMETTANT DE  
CONTROLLER L'ETAT  
D'AVANCEMENT ET DE PREVOIR LA  
REALISATION DES TACHES**  
[72] EMRICH, Marco A., US  
[72] KAUFER, Stephen, US  
[72] PALKA, Thomas, US  
[72] SIVAKUMAR, A. S., US  
[71] COMPUWARE CORPORATION, US  
[22] 1999-03-30  
[43] 1999-09-30  
[30] CA (2,233,359) 1998-03-30

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[21] **2,267,485**  
[13] A1

[51] **Int.Cl. 6G02B 6/25**  
[25] EN  
[54] **APPARATUS AND METHOD FOR MIDSPAN ACCESS OF ENCAPSULATED OPTICAL FIBERS**  
[54] **APPAREIL ET METHODE POUR L'ACCES MI-PORTEE DE FIBRES OPTIQUES ENCAPSULEES**  
[72] FITZ, Jonathan G., US  
[71] PIRELLI CABLE CORP., US  
[22] 1999-03-30  
[43] 1999-10-01  
[30] US (09/053,289) 1998-04-01

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[21] **2,267,487**  
[13] A1

[51] **Int.Cl. 6G06T 7/40**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TEXTURE LEVEL OF DETAIL DITHERING**  
[54] **METHODE ET APPAREIL DE JUXTAPOSITION DU NIVEAU DE DETAIL D'UNE TEXTURE**  
[72] MANNO, Steven, US  
[72] MANTOR, Michael, US  
[72] TAYLOR, Ralph Clayton, US  
[72] PIAZZA, Thomas A., US  
[71] REAL 3-D, US  
[22] 1999-03-29  
[43] 1999-10-01  
[30] US (09/053,591) 1998-04-01

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[21] **2,267,489**  
[13] A1

[51] **Int.Cl. 6H01B 3/30 6H01B 9/00**  
[25] EN  
[54] **TREE RESISTANT CABLE**  
[54] **CABLE RESITANT AUX ARBRES**  
[72] JOW, Jinder, US  
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US  
[22] 1999-03-29  
[43] 1999-09-29  
[30] US (09/050,487) 1998-03-29

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[21] **2,267,491**  
[13] A1

[51] **Int.Cl. 6G06F 12/02 6G06T 15/00**  
[25] EN  
[54] **FRAME BUFFER MEMORY SYSTEM FOR REDUCING PAGE MISSES WHEN RENDERING WITH COLOR AND Z BUFFERS**  
[54] **SYSTEME DE MEMOIRE VIDEO SERVANT A REDUIRE LES COMMUTATIONS DE PAGES LORS D'INTERPRETATIONS AVEC COULEURS ET MATRICES Z**  
[72] PIAZZA, Thomas A., US  
[72] RADECKI, Matthew, US  
[71] REAL 3-D, US  
[22] 1999-03-30  
[43] 1999-10-01  
[30] US (09/053,590) 1998-04-01

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[21] **2,267,496**  
[13] A1

[51] **Int.Cl. 6H03M 3/02**  
[25] EN  
[54] **A FRACTIONAL-N DIVIDER USING A DELTA-SIGMA MODULATOR**  
[54] **DIVISEUR N-FRACTIONNE EMPLOYANT UN MODULATEUR DELTA-SIGMA**  
[72] RILEY, Thomas A.D., CA  
[71] PHILSAR ELECTRONICS INC., CA  
[22] 1999-03-30  
[43] 1999-09-30  
[30] CA (2,233,831) 1998-03-31

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[21] **2,267,505**  
[13] A1

[51] **Int.Cl. 6H04N 7/50**  
[25] EN  
[54] **MOVING PICTURES DECOMPRESSION DEVICE AND METHOD THEREOF**  
[54] **DISPOSITIF ET METHODE DE DECOMPRESSION DES IMAGES DE FILM ET D'ANIMATION**  
[72] IKEKAWA, Masao, JP  
[71] NEC CORPORATION, JP  
[22] 1999-03-30  
[43] 1999-09-30  
[30] JP (10-086563) 1998-03-31

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[21] **2,267,506**  
[13] A1

[51] **Int.Cl. 6C07C 47/21 6C07C 45/51**  
[25] EN  
[54] **PROCESS FOR THE MANUFACTURE OF CITRAL**  
[54] **PROCEDE POUR L'OBTENTION DU CITRAL**  
[72] BONRATH, Werner, DE  
[71] F.HOFFMANN-LA ROCHE AG, CH  
[22] 1999-03-30  
[43] 1999-09-30  
[30] EP (98105757.3) 1998-03-30

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[21] **2,267,508**  
[13] A1

[51] **Int.Cl. 6E21D 9/06 6F16L 1/024 6E21B 7/04**  
[25] EN  
[54] **APPARATUS FOR STATIC UNDERGROUND DRILLING**  
[54] **APPAREIL DE FORAGE STATIQUE SOUTERRAIN**  
[72] KAUFMANN, Bernhard, DE  
[72] RIEKES, Andreas, DE  
[72] PUTTMANN, Franz-Josef, DE  
[72] PRUTTI, Frank, DE  
[71] TRACTO-TECHNIK - PAUL SCHMIDT - SPEZIALMASCHINEN, DE  
[22] 1999-03-30  
[43] 1999-09-30  
[30] DE (198 14 232.3-24) 1998-03-30  
[30] DE (198 49 611.7-24) 1998-10-28

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[21] **2,267,509**  
[13] A1

[51] **Int.Cl. 6H01M 10/02**  
[25] EN  
[54] **SECONDARY BATTERY AND MANUFACTURING PROCESS THEREOF**  
[54] **BATTERIE D'ACCUMULATEURS ET SON PROCEDE DE FABRICATION**  
[72] KAWAKAMI, Soichiro, JP  
[72] KIMURA, Hironao, JP  
[72] YAMAMOTO, Tomoya, JP  
[71] CANON KABUSHIKI KAISHA, JP  
[22] 1999-03-30  
[43] 1999-09-30  
[30] JP (10-086197) 1998-03-31  
[30] JP (11-075466) 1999-03-19

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[21] **2,267,510**  
[13] A1  
[51] **Int.Cl. 6C07D 239/54 6C07D 409/12 6C07F 9/6512**  
[25] EN  
[54] **PROCESS FOR MANUFACTURING ALPHA-1L-ADRENOCEPTOR ANTAGONISTS**  
[54] **PROCEDE POUR L'OBTENTION D'ANTAGONISTES RECEPTEURS ALPHA-1L-ADRENERGIQUES**  
[72] CHAPMAN, Robert Clark, US  
[72] PERKINS, Jolyon, GB  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 1999-03-29  
[43] 1999-09-30  
[30] US (60/079,974) 1998-03-30

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[21] **2,267,513**  
[13] A1  
[51] **Int.Cl. 6G06T 1/00 6H04N 5/262**  
[25] EN  
[54] **PROCESSING IMAGE DATA**  
[54] **TRAITEMENT DES DONNEES D'IMAGE**  
[72] PETTIGREW, Daniel, CA  
[72] ARBEZ, Patrick, CA  
[71] DISCREET LOGIC INC., CA  
[22] 1999-03-30  
[43] 1999-10-02  
[30] GB (98 07 097.2) 1998-04-02

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[21] **2,267,515**  
[13] A1  
[51] **Int.Cl. 6H04L 12/40 6H04L 29/06**  
[25] EN  
[54] **GENERIC BUS SYSTEM**  
[54] **SYSTEME GENERIQUE DE BUS**  
[72] FISHER, David A., CA  
[72] IRWIN, George F., CA  
[72] WATCHORN, James L., CA  
[72] KEMP, Michael F., CA  
[72] CHAAR, Melhem I., CA  
[72] BAHGAT, Osama, US  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1999-03-30  
[43] 1999-09-30  
[30] US (09/050,246) 1998-03-30

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[21] **2,267,518**  
[13] A1  
[51] **Int.Cl. 6H04N 5/272 6G06T 1/00 6H04N 5/217**  
[25] EN  
[54] **IMAGE PROCESSING**  
[54] **TRAITEMENT D'IMAGES**  
[72] PETTIGREW, Daniel, CA  
[71] DISCREET LOGIC INC., CA  
[22] 1999-03-30  
[43] 1999-10-01  
[30] GB (98 06 976.8) 1998-04-01

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[21] **2,267,520**  
[13] A1  
[51] **Int.Cl. 6H04N 5/272 6G06T 1/00**  
[25] EN  
[54] **PRODUCING IMAGE DATA IN A VIRTUAL SET**  
[54] **GENERATION DE DONNEES-IMAGE SUR UN PLATEAU DE MISE EN SCENE VIRTUEL**  
[72] DERY, Jean-Luc, CA  
[72] PARGHI, Amit Gautam, CA  
[71] DISCREET LOGIC INC., CA  
[22] 1999-03-30  
[43] 1999-10-02  
[30] GB (98 07 098.0) 1998-04-02

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[21] **2,267,534**  
[13] A1  
[51] **Int.Cl. 6C01F 17/00**  
[25] EN  
[54] **CERAMIC MATERIAL FOR USE IN THE SEPARATION OF OXYGEN FROM GAS MIXTURE**  
[54] **MATERIAU DE CERAMIQUE SERVANT A SEPARER L'OXYGENE D'UN MELANGE GAZEUX**  
[72] CHRISTIANSEN, Niels, DK  
[72] GORDES, Petru, DK  
[71] HALDOR TOPSOE A/S, DK  
[22] 1999-03-29  
[43] 1999-10-01  
[30] US (60/080,323) 1998-04-01

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[21] **2,267,541**  
[13] A1  
[51] **Int.Cl. 6G06F 12/00 6G06F 9/00**  
[25] EN  
[54] **COMPUTER SYSTEM AND METHOD OF MODIFYING PROGRAM IN THE COMPUTER SYSTEM**  
[54] **SYSTEME D'ORDINATEUR ET METHODE POUR MODIFIER UN PROGRAMME DUDIT SYSTEME D'ORDINATEUR**  
[72] OGATA, Hitoshi, JP  
[71] SANYO ELECTRIC CO., LTD., JP  
[22] 1999-03-30  
[43] 1999-09-30  
[30] JP (10-86002) 1998-03-31

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[21] **2,267,544**  
[13] A1  
[51] **Int.Cl. 6H02M 7/217**  
[25] EN  
[54] **GATE CONTROL CIRCUIT FOR VOLTAGE DRIVE SWITCHING ELEMENT**  
[54] **CIRCUIT DE COMMANDE DE GRILLE POUR ACTIONNER UN DISPOSITIF A SEMICONDUCTEUR A GRILLE**  
[72] MATSUMURA, Hitoshi, JP  
[72] KOYAMA, Tateo, JP  
[72] ICHIKAWA, Kosaku, JP  
[72] SATO, Shinji, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 1999-03-30  
[43] 1999-09-30  
[30] JP (P10-085435) 1998-03-31

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[13] A1  
[51] **Int.Cl. 6H04N 5/262 6G11B 23/00 6G06T 5/00 6H04N 9/75**  
[25] EN  
[54] **IMAGE PROCESSING**  
[54] **TRAITEMENT D'IMAGES**  
[72] PETTIGREW, Daniel, CA  
[71] DISCREET LOGIC INC., CA  
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[13] A1

[51] **Int.Cl. 6H04M 1/27 6H04M 3/42**  
[25] EN  
[54] **METHOD AND APPARATUS FOR AREA CODE IDENTIFICATION, RETRIEVAL AND SELECTION**  
[54] **METHODE ET APPAREIL D'IDENTIFICATION, DE RECUPERATION ET DE SELECTION D'UN INDICATIF REGIONAL**  
[72] SHULMAN, Steven E., US  
[72] YANOFF, Michael, US  
[71] SHULMAN, Steven E., US  
[71] YANOFF, Michael, US  
[22] 1999-03-30  
[43] 1999-10-02  
[30] US (09/054,078) 1998-04-02

[21] **2,267,548**  
[13] A1

[51] **Int.Cl. 6H05K 7/20**  
[25] FR  
[54] **DISPOSITIF DE REFROIDISSEMENT POUR SYSTEME ELECTRONIQUE DE PUISSANCE**  
[54] **COOLING DEVICE FOR AN ELECTRONIC POWER SYSTEM**  
[72] LE GAL, Claude, FR  
[71] STEVE INGENIERIE, FR  
[22] 1999-03-31  
[43] 1999-10-02  
[30] FR (98 04095) 1998-04-02

[21] **2,267,550**  
[13] A1

[51] **Int.Cl. 6F02K 1/54**  
[25] FR  
[54] **INVERSEUR DE POUSSEE DE TURBOREACTEUR A PORTES FORMANT ECOPEES ASSOCIEES A UN CAPOTAGE EXTERNE ARTICULE**  
[54] **TURBOJET-TYPE THRUST REVERSER WITH SCOOP-STYLE DOORS COMBINED WITH AN EXTERNAL HINGED COWL**  
[72] VAUCHEL, Guy Bernard, FR  
[71] HISPANO-SUIZA AEROSTRUCTURES, FR  
[22] 1999-03-31  
[43] 1999-10-02  
[30] FR (98.04091) 1998-04-02

[21] **2,267,555**  
[13] A1

[51] **Int.Cl. 6H01H 1/00 6H01H 1/12 6H01H 1/50**  
[25] EN  
[54] **FIXED AXIS ROTOR ASSEMBLY**  
[54] **ASSEMBLAGE DE ROTOR A AXE FIXE**  
[72] PEVER, Steven E., US  
[71] SIEMENS ENERGY & AUTOMATION, INC., US  
[22] 1999-03-31  
[43] 1999-10-02  
[30] US (09/053,894) 1998-04-02

[21] **2,267,564**  
[13] A1

[51] **Int.Cl. 6C21D 8/02**  
[25] EN  
[54] **METHOD OF MANUFACTURING MICROALLOYED STRUCTURAL STEEL**  
[54] **METHODE DE FABRICATION D'ACIER DE CONSTRUCTION MICROALLIE**  
[72] DAVIS, Robert F., US  
[72] HENSGER, Karl-Ernst, DE  
[71] SMS SCHLOEMANN-SIEMAG AKTIENGESELLSCHAFT, DE  
[22] 1999-03-30  
[43] 1999-09-30  
[30] DE (198 14 223.4) 1998-03-31

[21] **2,267,571**  
[13] A1

[51] **Int.Cl. 6G07B 17/02**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DETECTION OF ERRORS IN ACCOUNTING FOR POSTAL CHARGES IN CONTROLLED ACCEPTANCE ENVIRONMENT**  
[54] **SYSTEME ET METHODE POUR LA DETECTION D'ERREURS LORS DE LA JUSTIFICATION DES TARIFS POSTAUX SOUS UN REGIME DE RECEPTION CONTROLEE**  
[72] PINTSOV, Leon A., US  
[71] PITNEY BOWES INC., US  
[22] 1999-03-29  
[43] 1999-09-30  
[30] US (09/052,418) 1998-03-31

[21] **2,267,577**  
[13] A1

[51] **Int.Cl. 6H01H 9/02**  
[25] EN  
[54] **ARC CHAMBER SYSTEM**  
[54] **SYSTEME DE COMPARTIMENTS POUR LA GESTION DES ARCS**  
[72] HOLLAND, Michael J., US  
[72] PEVER, Steven E., US  
[71] SIEMENS ENERGY & AUTOMATION, INC., US  
[22] 1999-03-31  
[43] 1999-10-02  
[30] US (09/053,886) 1998-04-02

[21] **2,267,584**  
[13] A1

[51] **Int.Cl. 6H04N 1/327 6H04N 1/36**  
[25] EN  
[54] **FACSIMILE SIGNAL TRANSMISSION SYSTEM**  
[54] **SYSTEME DE TRANSMISSION DE SIGNAL DE FAC-SIMILE**  
[72] HORIE, Nobuyoshi, JP  
[72] SUZUKI, Shigeaki, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 1999-03-31  
[43] 1999-10-02  
[30] JP (10-89732) 1998-04-02

[21] **2,267,590**  
[13] A1

[51] **Int.Cl. 6G02C 7/04**  
[25] EN  
[54] **CONTACT LENSES BEARING MARKS**  
[54] **VERRES DE CONTACT PORTANT DES MARQUES D'IDENTIFICATION**  
[72] CHEHAB, Khaled A., US  
[72] CROWE, Carl G., US  
[72] WALKER, Jon Scott, US  
[72] POLING, Timothy R., US  
[72] NASON, Richard J., US  
[72] LUST, Victor, US  
[72] WU, Jongliang, US  
[71] JOHNSON & JOHNSON VISION PRODUCTS, INC., US  
[22] 1999-03-29  
[43] 1999-09-30  
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[21] **2,267,605**  
[13] A1  
[51] **Int.Cl. 6B26D 1/34 6A23P 1/00**  
[25] EN  
[54] **APPARATUS FOR CUTTING AND SHAPING FOOD PRODUCTS**  
[54] **APPAREIL POUR DECOUPER ET TAILLER DES PRODUITS ALIMENTAIRES**  
[72] TASHIRO, Yasunori, JP  
[71] RHEON AUTOMATIC MACHINERY CO., LTD., JP  
[22] 1999-03-31  
[43] 1999-10-01  
[30] JP (10-89066) 1998-04-01  
[30] JP (10-89067) 1998-04-01

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[21] **2,267,695**  
[13] A1  
[51] **Int.Cl. 6H04N 5/445 6H04N 7/08**  
[25] EN  
[54] **INTERFACE CONTROLLER FOR ELECTRONIC PROGRAMMING GUIDE**  
[54] **CONTROLEUR D'INTERFACE POUR GUIDE DE PROGRAMMATION ELECTRONIQUE**  
[72] D'SYLVA, Mark, CA  
[72] DUCHARME, Paul, CA  
[71] SCIENTIFIC-ATLANTA, INC., US  
[22] 1999-03-31  
[43] 1999-10-01  
[30] US (09/053,196) 1998-04-01

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[21] **2,267,704**  
[13] A1  
[51] **Int.Cl. 6A62C 33/00**  
[25] EN  
[54] **DUAL-OUTLET FIRE SERVICE LINE CONNECTOR**  
[54] **RACCORD A DEUX SORTIES DE TUYAUTERIE D'ALIMENTATION D'EAU POUR INCENDIES**  
[72] MASSEY, Marvin E., US  
[71] MASSEY, Marvin E., US  
[22] 1999-03-29  
[43] 1999-09-27  
[30] US (049,431) 1998-03-27

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[21] **2,267,638**  
[13] A1  
[51] **Int.Cl. 6D21F 7/08 6B32B 5/06**  
[25] EN  
[54] **MACHINE FELT AND PROCESS FOR ITS PRODUCTION**  
[54] **FEUTRE DE MACHINE ET PROCEDE DE FABRICATION DE CELUI-CI**  
[72] BEST, Walter, DE  
[71] THOMAS JOSEF HEIMBACH GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG & CO., DE  
[22] 1999-03-31  
[43] 1999-10-01  
[30] DE (198 14 473.3-26) 1998-04-01

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[21] **2,267,701**  
[13] A1  
[51] **Int.Cl. 6A61B 5/16 6B60R 25/00 6G05B 9/02 6A61B 5/18**  
[25] EN  
[54] **ALERTNESS TESTER AND USER ACCESS CONTROL RESPONSIVE THERETO**  
[54] **APPAREIL DE VERIFICATION DE VIVACITE D'ESPRIT ET RESTRICTION D'ACCES AUX UTILISATEURS SENSIBLE CELUI-CI**  
[72] LANGLEY, Theodore D., US  
[72] BOWLES, Henry, US  
[71] BOWLES-LANGLEY TECHNOLOGY, INC., US  
[22] 1999-04-01  
[43] 1999-10-01  
[30] US (09/053,111) 1998-04-01

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[21] **2,267,709**  
[13] A1  
[51] **Int.Cl. 6A61F 2/06**  
[25] EN  
[54] **AN AORTIC GRAFT HAVING A PRECURSOR GASKET FOR REPAIRING AN ABDONIMAL AORTIC ANEURYSM**  
[54] **GREFFE AORTIQUE AYANT UN JOINT COMPRESSIBLE, POUR LA REPARATION D'UN ANEVRYSM AORTIQUE ABDOMINAL**  
[72] SOLOVAY, Kenneth S., US  
[72] LETENDRE, Robert P., US  
[71] CORDIS CORPORATION, US  
[22] 1999-03-29  
[43] 1999-09-30  
[30] US (09/050,347) 1998-03-30

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[21] **2,267,644**  
[13] A1  
[51] **Int.Cl. 6A61M 1/00 6A61J 1/20**  
[25] EN  
[54] **APPARATUS FOR CONVEYING A STERILE LIQUID PULSATION-FREE FROM OR TO A STERILE CONTAINER**  
[54] **APPAREIL POUR LE TRANSFERT SANS PULSATION D'UN LIQUIDE STERILE VERS OU DEPUIS UN CONTENANT STERILE**  
[72] BRANDENBERGER, Harry, CH  
[71] NISCO ENGINEERING AG, CH  
[22] 1999-03-31  
[43] 1999-09-30  
[30] CH (752/98) 1998-03-31

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[21] **2,267,702**  
[13] A1  
[51] **Int.Cl. 6C08L 75/04 6C09J 175/04 6C08G 18/10**  
[25] EN  
[54] **LATENT AMINO GROUPS AND ISOCYANATE GROUPS COMPRISING POLYURETHANE PREPOLYMERS, METHOD FOR THEIR PRODUCTION AND THEIR USE**  
[54] **GROUPES AMINES LATENTS ET GROUPES ISOCYANATES COMPRENANT DES PRE-POLYMERES POLYURETHANES, LEURS MODES DE PRODUCTION ET D'UTILISATION**  
[72] PFENNINGER, Ueli, CH  
[72] BUTIKOFER, Pierre-André, CH  
[71] SIKA AG, VORM. KASPAR WINKLER & CO., CH  
[22] 1999-03-31  
[43] 1999-10-02  
[30] CH (799/98) 1998-04-02

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[13] A1  
[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] HORADA, Mitsuru, JP  
[72] SHIBATA, Kenichi, JP  
[72] INOUE, Tsuyoshi, JP  
[72] EDA, Takeshi, JP  
[72] MATSUI, Komaharu, JP  
[72] SANO, Kenji, JP  
[72] UEDA, Hiroshi, JP  
[72] SHIRAI, Mitsuyoshi, JP  
[72] HAYASHI, Keiji, JP  
[71] NITTO DENKO CORPORATION, JP  
[71] KANSAI PAINT CO., LTD., JP  
[22] 1999-03-29  
[43] 1999-09-30  
[30] JP (10-105475) 1998-03-31

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[21] **2,267,721**  
[13] A1

[51] **Int.Cl. 6H04L 9/30 6G11B 23/00 6H04L 9/32**  
[25] EN  
[54] **SCHEME FOR FAST REALIZATION OF ENCRYPTION, DECRYPTION AND AUTHENTICATION**  
[54] **METHODE RAPIDE DE CHIFFREMENT, DE DECHIFFREMENT ET D'AUTHENTIFICATION**  
[72] TAKAGI, Tsuyoshi, JP  
[72] NAITO, Shozo, JP  
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP  
[22] 1999-03-24  
[43] 1999-09-26  
[30] JP (P10-79836) 1998-03-26  
[30] JP (P10-236084) 1998-08-21

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[21] **2,267,722**  
[13] A1

[51] **Int.Cl. 6G01N 19/10 6G01N 25/56**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETERMINING MOISTURE CONTENT**  
[54] **METHODE ET APPAREIL POUR DETERMINER LA TENEUR EN EAU**  
[72] SCHMIDT, Steven L., US  
[72] ADAMS, Ronald Sr., US  
[72] BARKER, Keith, US  
[71] CONTINENTAL PET TECHNOLOGIES, INC., US  
[22] 1999-03-24  
[43] 1999-09-26  
[30] US (09/048,724) 1998-03-26

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[21] **2,267,725**  
[13] A1

[51] **Int.Cl. 6B61G 9/20 6B61G 9/06**  
[25] EN  
[54] **DEVICE FOR ELASTICALLY SUPPORTING THE COUPLING SHAFT OF A CENTRAL BUFFER COUPLING AT A RAIL-BORNE VEHICLE**  
[54] **DISPOSITIF DE SUPPORT ELASTIQUE POUR JOINT D'ACCOUPLLEMENT D'UN ATTELAGE A TAMPON CENTRAL DANS UN VEHICULE PORTE SUR RAILS**  
[72] KREHER, Joachim, DE  
[71] SCHARFENBERGKUPPLUNG GMBH & CO. KG, DE  
[22] 1999-03-30  
[43] 1999-09-30  
[30] DE (P198 14 166.1) 1998-03-30

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[21] **2,267,727**  
[13] A1

[51] **Int.Cl. 6F25J 3/04**  
[25] EN  
[54] **CRYOGENIC AIR SEPARATION SYSTEM FOR FEED AIR FLOW DISTURBANCES**  
[54] **SYSTEME CRYOGENIQUE DE SEPARATION DE L'AIR POUR LES PERTURBATIONS DANS LE DEBIT D'AIR D'ALIMENTATION**  
[72] BILLINGHAM, John Fredric, US  
[72] OLSZEWSKI, Walter Joseph, US  
[72] RICOTTA, John Peter, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 1999-03-30  
[43] 1999-10-01  
[30] US (09/052,969) 1998-04-01

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[21] **2,267,728**  
[13] A1

[51] **Int.Cl. 6A61L 27/00 6A61F 2/06**  
[25] EN  
[54] **COMPOSITE MATERIAL ENDOPROTHESIS**  
[54] **ENDOPROTHESE FAIT DE MATERIAU COMPOSITE**  
[72] BARCHI, John L., US  
[72] COTTONE, Robert J., Jr., US  
[72] TOMONTO, Charles V., US  
[71] CORDIS CORPORATION, US  
[22] 1999-03-29  
[43] 1999-09-30  
[30] US (09/050,217) 1998-03-30

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[21] **2,267,730**  
[13] A1

[51] **Int.Cl. 6G06K 7/08**  
[25] EN  
[54] **MAGNETIC READER AND PRINTER HAVING THE SAME**  
[54] **LECTEUR MAGNETIQUE ET IMPRIMANTE MUNIE DE CELUI-CI**  
[72] MOMOSE, Tsutomu, JP  
[72] KOYABU, Akira, JP  
[72] MURATA, Sadao, JP  
[71] SEIKO EPSON CORPORATION, JP  
[22] 1999-04-01  
[43] 1999-10-01  
[30] JP (10-88607) 1998-04-01

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[13] A1

[51] **Int.Cl. 6E21B 10/22**  
[25] EN  
[54] **MULTI-PIECE ROTARY CONE DRILL BIT SEAL**  
[54] **PROTEGE-MECHE EN ELEMENTS MULTIPLES POUR PERCEUSE A CONE**  
[72] PORTWOOD, Gary R., US  
[71] SMITH INTERNATIONAL, INC., US  
[22] 1999-04-01  
[43] 1999-10-02  
[30] US (60/080435) 1998-04-02

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[21] **2,267,735**  
[13] A1

[51] **Int.Cl. 6F26B 17/10 6F26B 23/00 6A01F 25/00 6A23B 9/08**  
[25] EN  
[54] **GRAIN DRYING APPARATUS**  
[54] **SECHOIR A CEREALES**  
[72] MOODY, Eugene I., CA  
[71] UNDERBALANCED DRILLING SYSTEMS LIMITED, CA  
[22] 1999-03-30  
[43] 1999-09-30  
[30] US (09/052,534) 1998-03-31

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[21] **2,267,738**  
[13] A1

[51] **Int.Cl. 6E04D 13/076**  
[25] EN  
[54] **SOLID TOP RAIN GUTTER GUARD ASSEMBLY**  
[54] **ASSEMBLAGE PROTEGE-GOUTTIERE A DESSUS SOLIDE**  
[72] DRESSLER, Robert D., US  
[71] AMERIMAX HOME PRODUCTS, INC., US  
[22] 1999-03-30  
[43] 1999-09-30  
[30] US (09/052,234) 1998-03-31

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[21] **2,267,739**  
[13] A1  
[51] Int.Cl. 6E05D 7/00 6E05D 7/04 6E05D 3/06  
[25] EN  
[54] A HINGE WITH A BASE TRANSVERSELY ADJUSTABLE BY MEANS OF A CAM  
[54] CHARNIERE MUNIE D'UNE BASE AJUSTABLE EN SENS TRANSVERSAL AU MOYEN D'UNE CAME  
[72] MIGLI, Carlo, IT  
[72] FERRARI, Franco, IT  
[71] FERRARI, Franco, IT  
[22] 1999-03-30  
[43] 1999-09-30  
[30] IT (MI 98 U 000225) 1998-03-31

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[21] **2,267,747**  
[13] A1  
[51] Int.Cl. 6C07C 323/52 6A61K 6/08 6C08F 220/38  
[25] EN  
[54] RADICALLY POLYMERIZABLE DENTAL MATERIAL  
[54] PRODUIT DENTAIRE RADICALEMENT POLYMERISABLE  
[72] VOLKEL, Thomas, DE  
[72] RHEINBERGER, Volker, LI  
[72] RUMPHORST, André, LI  
[72] MOSZNER, Norbert, LI  
[72] GIANASMIDIS, Alexandros, CH  
[72] SALZ, Ulrich, DE  
[71] IVOCLAR AG, LI  
[22] 1999-04-06  
[43] 1999-09-27  
[30] DE (198 18 210.4) 1998-04-24

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[21] **2,267,751**  
[13] A1  
[51] Int.Cl. 6B60P 3/12 6B66C 23/00 6B66C 23/36  
[25] EN  
[54] IMPROVED CRANE MECHANISM  
[54] MECANISME DE GRUE AMELIORE  
[72] GRANT, Robert K., US  
[71] GRANT, Robert K., US  
[22] 1999-03-31  
[43] 1999-09-30  
[30] US (09/052,517) 1998-03-31

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[21] **2,267,806**  
[13] A1  
[51] Int.Cl. 6G01B 11/00 6B23K 26/00 6B23K 26/18 6G01D 5/26  
[25] EN  
[54] AN APPARATUS FOR DETERMINING THE POSITION OF A MOVABLE MECHANICAL ELEMENT AND METHOD OF MARKING A MECHANICAL ELEMENT  
[54] APPAREIL POUR LA LOCALISATION D'UN ELEMENT MECANIQUE MOBILE ET MOYEN DE MARQUAGE D'UN ELEMENT MECANIQUE  
[72] WHATLEY, Mark Lewis, GB  
[72] SHEPHERD, John, GB  
[72] MOORE, Ian Arnold, GB  
[72] BRASSINGTON, Roger William, GB  
[71] J.C. BAMFORD EXCAVATORS LIMITED, GB  
[22] 1999-04-01  
[43] 1999-10-02  
[30] GB (9807020.4) 1998-04-02

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[21] **2,267,807**  
[13] A1  
[51] Int.Cl. 6C09K 3/32  
[25] EN  
[54] AMPHOTERIC MAGNESIUM BUFFERS AND METHODS OF PRODUCING SAME  
[54] TAMPONS AMPHOTERES DE MAGNESIUM ET METHODES DE FABRICATION DE CEUX-CI  
[72] MCGILLIVRAY, Shawn Ray, US  
[72] SHAND, Mark Alexander, US  
[72] MILLER, Thomas Michael, US  
[71] PSC TECHNOLOGIES, INC., US  
[22] 1999-04-01  
[43] 1999-10-01  
[30] US (60/080,281) 1998-04-01

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[21] **2,267,809**  
[13] A1  
[51] Int.Cl. 6F04D 29/22  
[25] EN  
[54] DOWNTHRUST PADS FOR SUBMERSIBLE CENTRIFUGAL PUMPS  
[54] TAMPONS AMORTISSEURS POUR POMPES CENTRIFUGES SUBMERSIBLES  
[72] CHILCOAT, Dwight Cameron, US  
[72] SHETH, Ketankumar Kantilal, US  
[71] CAMCO INTERNATIONAL INC., US  
[22] 1999-04-01  
[43] 1999-10-02  
[30] US (09/054,124) 1998-04-02

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[13] A1  
[51] Int.Cl. 6C08G 77/38 6C09D 5/03 6C09D 183/04  
[25] EN  
[54] COATING POWDER FOR HIGH TEMPERATURE RESISTANT COATINGS  
[54] POUFRE DE REVETEMENT POUR REVETEMENTS RESISTANTS AUX TEMPERATURES ELEVEES  
[72] DECKER, Owen H., US  
[72] TARNOSKI, Charles P., US  
[71] MORTON INTERNATIONAL, INC., US  
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[43] 1999-09-30  
[30] US (09/052,664) 1998-03-31

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[21] **2,267,815**  
[13] A1  
[51] Int.Cl. 6C07C 229/14 6C07C 237/02 6A61K 7/06 6A61K 31/16 6C07C 309/18 6A61K 31/195 6C07C 229/24 6C07D 207/28 6C07C 229/36 6A61K 31/40 6A61K 31/415 6A61K 7/48 6C07C 323/58 6C07D 233/64  
[25] EN  
[54] AMINO ACID DERIVATIVES AND ANTI-INFLAMMATORY AGENTS  
[54] DERIVES D'ACIDE AMINES ET AGENTS ANTI-INFLAMMATOIRES  
[72] IWASAKI, Keiji, JP  
[72] SHIOJIRI, Eiji, JP  
[72] KITAZAWA, Manabu, JP  
[71] AJINOMOTO CO., INC., JP  
[22] 1999-04-01  
[43] 1999-10-02  
[30] JP (10-105336/98) 1998-04-02

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[21] **2,267,838**  
[13] A1  
[51] Int.Cl. 6A63B 22/08 6A63B 69/16  
[25] EN  
[54] EXERCISE BICYCLE  
[54] BICYCLETTE D'EXERCICE STATIONNAIRE  
[72] NAVAS, Antonio Guerra, ES  
[71] NAVAS, Antonio Guerra, ES  
[22] 1999-04-01  
[43] 1999-10-02  
[30] ES (9800904) 1998-04-02

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[21] **2,267,845**  
[13] A1

[51] **Int.Cl. 6B05D 3/06**  
[25] EN  
[54] **METHOD FOR PRODUCING LOW GLOSS APPEARANCE WITH UV CURABLE POWDER COATINGS**  
[54] **METHODE POUR L'OBTENTION D'UNE APPARENCE A REFLET FAIBLE AU MOYEN DE REVETEMENTS EN POUFRE SECHABLES AUX UV**  
[72] REINHEIMER, Eugene P., US  
[72] MILL, Gregory R., US  
[72] HALEY, Richard P., US  
[72] DALY, Andrew T., US  
[71] MORTON INTERNATIONAL, INC., US  
[22] 1999-03-31  
[43] 1999-09-30  
[30] US (09/052,663) 1998-03-31

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[21] **2,267,846**  
[13] A1

[51] **Int.Cl. 6E01B 27/11**  
[25] EN  
[54] **A MACHINE HAVING A SLEEPER CRIB EXCAVATOR**  
[54] **MACHINE MUNIE D'UN EXCAVATEUR DE CASES A TRAVERSES**  
[72] THEURER, Josef, AT  
[71] FRANZ PLASSER BAHNBAUMASCHINEN-INDUSTRIEGESELLSCHAFT M.B.H., AT  
[22] 1999-03-31  
[43] 1999-10-01  
[30] AT (A 571/98) 1998-04-01

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[13] A1

[51] **Int.Cl. 6H05B 41/26**  
[25] EN  
[54] **BALLAST FOR A DISCHARGE LAMP**  
[54] **REGULATEUR DE PUISSANCE POUR LAMPE A DECHARGE**  
[72] MURAKAMI, Masanobu, JP  
[72] OZAWA, Masataka, JP  
[72] SUGITA, Kazushige, JP  
[72] GYOTEN, Masayoshi, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1999-03-31  
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[30] JP (10-88884) 1998-04-01

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[21] **2,267,870**  
[13] A1

[51] **Int.Cl. 6G06T 1/60 6G06F 12/00**  
[25] EN  
[54] **A LINEAR SURFACE MEMORY TO SPATIAL TILING ALGORITHM/ MECHANISM**  
[54] **MEMOIRE DE SURFACE LINEAIRE CONVERTIE EN ALGORITHME OU EN MECANISME DE JUXTAPOSITION SPATIALE**  
[72] MANTOR, Michael, US  
[72] RADECKI, Matthew, US  
[72] HARTOG, Scott, US  
[72] TAYLOR, Ralph Clayton, US  
[72] CAREY, John Austin, US  
[72] PIAZZA, Thomas A., US  
[71] MANTOR, Michael, US  
[71] RADECKI, Matthew, US  
[71] HARTOG, Scott, US  
[71] TAYLOR, Ralph Clayton, US  
[71] CAREY, John Austin, US  
[71] PIAZZA, Thomas A., US  
[22] 1999-03-31  
[43] 1999-10-01  
[30] US (60/080,270) 1998-04-01

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[21] **2,267,921**  
[13] A1

[51] **Int.Cl. 6B41J 2/14 6B41J 2/06 6B41J 2/145**  
[25] EN  
[54] **INK-JET PRINT HEAD, DRIVING METHOD THEREOF AND INK-JET PRINTER USING THE SAME**  
[54] **TETE D'IMPRESSION A JET D'ENCRE, SA METHODE DE PROPULSION D'ENCRE ET IMPRIMANTE LES EMPLOYANT**  
[72] SHIMOYAMA, Kazuhiro, JP  
[71] NEC CORPORATION, JP  
[22] 1999-04-01  
[43] 1999-10-02  
[30] JP (89969/1998) 1998-04-02

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[21] **2,267,922**  
[13] A1

[51] **Int.Cl. 6G01P 5/00 6G01F 9/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MEASURING GAS VELOCITY OR OTHER FLOW CHARACTERISTIC**  
[54] **METHODE ET APPAREIL POUR MESURER LE DEBIT OU AUTRE CARACTERISTIQUE DU FLUX D'UN GAZ**  
[72] PLATT, Robert J., US  
[71] COMPLIANCE INSTRUMENT, INC., US  
[22] 1999-04-01  
[43] 1999-10-02  
[30] US (09/054,296) 1998-04-02

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[21] **2,267,938**  
[13] A1

[51] **Int.Cl. 6C01B 13/10**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MANUFACTURING HIGH CONCENTRATION OZONE GAS**  
[54] **METHODE ET APPAREIL POUR L'OBTENTION D'UN GAZ A HAUTE TENEUR EN OZONE**  
[72] IZUMI, Jun, JP  
[72] YASUTAKE, Akinori, JP  
[72] TOMONAGA, Nariyuki, JP  
[72] TSUTAYA, Hiroyuki, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 1999-04-01  
[43] 1999-10-02  
[30] JP (90141/1998) 1998-04-02  
[30] JP (91813/1998) 1998-04-03

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[21] **2,267,974**  
[13] A1

[51] **Int.Cl. 6E05F 11/44**  
[25] EN  
[54] **WINDOW REGULATOR PIVOT JOINT SUSPENSION SYSTEM**  
[54] **SYSTEME DE SUSPENSION D'UNE ARTICULATION ROTOIDE D'UN MECANISME DE COMMANDE DES GLACES**  
[72] BORCHUK, Ken C., CA  
[72] REGNIER, Luc R., CA  
[71] ATOMA INTERNATIONAL CORP., CA  
[22] 1999-04-01  
[43] 1999-10-01  
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[13] A1  
[51] **Int.Cl. 6F02M 33/02 6B60K 15/03**  
[25] EN  
[54] **FUEL VAPOR MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DE VAPEUR DE CARBURANT**  
[72] FREELAND, Mark, US  
[71] FORD GLOBAL TECHNOLOGIES, INC., US  
[22] 1999-04-01  
[43] 1999-10-02  
[30] US (09/053,801) 1998-04-02

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[21] **2,268,216**  
[13] A1  
[51] **Int.Cl. 6C23C 22/12**  
[25] EN  
[54] **COATING TECHNIQUE**  
[54] **TECHNIQUE DE REVETEMENT**  
[72] SUOMINEN FULLER, Marina, CA  
[72] KASRAI, Masound, CA  
[72] BZOWSKI, Arthur, CA  
[72] BANCROFT G. Michael, CA  
[72] DE JONG, Katherine, CA  
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA  
[22] 1999-04-01  
[43] 1999-10-01  
[30] CA (2,333,779) 1998-04-01

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[21] **2,268,224**  
[13] A1  
[51] **Int.Cl. 6B41J 2/14 6B41J 2/16**  
[25] EN  
[54] **METHOD OF PRODUCING AN INK JET HEAD**  
[54] **METHODE DE FABRICATION D'UNE TETE D'IMPRESSION A JET D'ENCRE**  
[72] KIMURA, Shigeru, JP  
[71] NEC CORPORATION, JP  
[22] 1999-04-01  
[43] 1999-10-02  
[30] JP (10-89970) 1998-04-02

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[21] **2,268,225**  
[13] A1  
[51] **Int.Cl. 6F25J 3/04**  
[25] EN  
[54] **CRYOGENIC ARGON PRODUCTION SYSTEM WITH THERMALLY INTEGRATED STRIPPING COLUMN**  
[54] **SYSTEME CRYOGENIQUE POUR L'OBTENTION D'ARGON, EMPLOYANT UNE COLONNE DE STRIPPING A INTEGRATION THERMIQUE**  
[72] BONAQUIST, Dante Patrick, US  
[72] LYNCH, Nancy Jean, US  
[72] ROBERTS, Mark Julian, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 1999-04-01  
[43] 1999-10-02  
[30] US (09/053,751) 1998-04-02

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[21] **2,268,584**  
[13] A1  
[51] **Int.Cl. 6D04B 3/02**  
[25] EN  
[54] **A KNITTING NEEDLE WITH MEASURING INDICIA**  
[54] **AIGUILLE A TRICOTER DOTEE D'INDICATIONS DE MESURE**  
[72] CICINSKI, Heather, CA  
[71] CICINSKI, Heather, CA  
[22] 1999-04-06  
[43] 1999-10-02  
[30] CA (2,233,890) 1998-04-02

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[21] **2,268,739**  
[13] A1  
[51] **Int.Cl. 6G02F 1/15 6B60R 1/00 6G02B 5/08 6G02F 1/19**  
[25] EN  
[54] **ELECTROCHROMIC LAYER SYSTEM IN PARTICULAR FOR MOTORCAR MIRRORS**  
[54] **SYSTEME DE COUCHES ELECTROCHROMIQUES, DESTINE SURTOUT AUX RETROVISEURS D'AUTOMOBILES**  
[72] MACHER, David, AT  
[72] ZORN, Heinz, AT  
[71] MAGNA REFLEX HOLDING GMBH, DE  
[22] 1999-04-06  
[43] 1999-10-02  
[30] DE (19816352.5-51) 1998-04-02

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[13] A1  
[51] **Int.Cl. 6H04N 9/64 6G06T 1/00 6G06T 3/00 6H04N 9/75**  
[25] EN  
[54] **PROCESSING IMAGE DATA**  
[54] **TRAITEMENT D'IMAGES**  
[72] PETTIGREW, Daniel, CA  
[71] DISCREET LOGIC INC., CA  
[22] 1999-03-30  
[43] 1999-10-01  
[30] GB (98 06 975.0) 1998-04-01

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[21] **2,270,438**  
[13] A1  
[51] **Int.Cl. 6H04Q 3/52**  
[25] EN  
[54] **OPTICAL MATRIX SWITCH**  
[54] **COMMUTATEUR DE MATRICES OPTIQUE**  
[72] KWONG, Michael K. C., CA  
[71] JDS FIBEL INC., CA  
[22] 1999-03-26  
[43] 1999-09-27  
[30] US (08/048,793) 1998-03-27

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[21] **2,273,631**  
[13] A1  
[51] **Int.Cl. 6A47B 96/14 6A47B 21/00 6A47B 57/00 6A47B 96/06**  
[25] EN  
[54] **CONSOLE SYSTEM WITH SUSPENSION OF EQUIPMENT**  
[54] **STRUCTURE A CONSOLE EMPLOYANT UN SYSTEME DE SUSPENSION DU MATERIEL**  
[72] BLEHM, Colin, CA  
[72] SLIPEK, Mac, CA  
[72] VAN BEVEREN, Steve, CA  
[72] SIROTICH, Robert, CA  
[72] GOSLING, Geoff, CA  
[72] CATTA, David, CA  
[71] EVANS CONSOLES, INC., CA  
[22] 1999-06-01  
[43] 1999-10-02  
[30] CA (2,239,445) 1998-06-02

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[21] **2,275,428**

[13] A1

[51] **Int.Cl. 6A21D 13/00 6A21D 8/02**  
**6A21B 5/08 6A21C 11/18**

[25] EN

[54] **CAKE OR BREAD PRODUCT**  
**COMPRISING MULTIPLE DOUGHS;**  
**APPARATUS AND METHOD FOR**  
**MANUFACTURING SAME**

[54] **PRODUIT DE GATEAU OU DE**  
**PAIN COMPRENANT PLUSIEURS**  
**PATES ET APPAREIL ET METHODE**  
**DE FABRICATION DE CELUI-CI**

[72] ATWELL, EDWIN GEORGE, CA

[71] ATWELL, EDWIN GEORGE, CA

[22] 1999-07-20

[43] 1999-09-26

[30] CA (2,270,447) 1999-04-30

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## Demandes PCT entrant en phase nationale

<p>[21] <b>2,276,083</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C21B 3/08</b> [25] EN [54] <b>METHOD FOR GRANULATING AND GRINDING MOLTEN MATERIAL AND DEVICE FOR CARRYING OUT SAID METHOD</b> [54] <b>PROCEDE DE GRANULATION ET DE FRAGMENTATION D'UN MATERIAU EN FUSION, ET DISPOSITIF POUR LA MISE EN OEUVRE DE CE PROCEDE</b> [72] EDLINGER, ALFRED, CH [71] "HOLDERBANK" FINANCIERE GLARUS AG, CH [85] 1999-06-25 [86] 1998-10-14 (PCT/AT98/00243) [87] 1999-05-06 (WO99/22031) [30] AT (A 1826/97) 1997-10-29</p>	<p>[21] <b>2,276,148</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E02F 3/43</b> [25] EN [54] <b>HYDRAULIC CONTROL CIRCUIT FOR WORKING MACHINE</b> [54] <b>CIRCUIT DE COMMANDE HYDRAULIQUE POUR MACHINE A TRAVAILLER</b> [72] TADA, HIROAKI, JP [72] MOTOMURA, HIDETAKE, JP [71] SHIN CATERPILLAR MITSUBISHI LTD., JP [85] 1999-06-25 [86] 1998-11-25 (PCT/JP98/05300) [87] 1999-09-30 () [30] JP (10-103831) 1998-03-31 [30] JP (10-237201) 1998-08-24</p>	<p>[21] <b>2,276,591</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60L 1/02 6H05B 3/06</b> [25] EN [54] <b>INSULATING GLASS WITH CAPACITIVELY COUPLED HEATING SYSTEM</b> [54] <b>VERRE ISOLANT ET SYSTEME CHAUFFANT A COUPLAGE CAPACITIF</b> [72] TEDER, REIN S., US [72] GERHARDINGER, PETER F., US [72] MILLETT, FRED A., US [71] LIBBEY-OWENS-FORD CO., US [85] 1999-07-02 [86] 1998-01-06 (PCT/US98/06806) [87] 1998-07-16 (WO98/30409) [30] US (779,470) 1997-01-07</p>
<p>[21] <b>2,276,094</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/10 6C07K 7/08 6C07K 14/46 6A61K 35/56</b> [25] EN [54] <b>ANTIMICROBIALY ACTIVE POLYPEPTIDES</b> [54] <b>POLYPEPTIDES AYANT UNE ACTION ANTIMICROBIENNE</b> [72] BARRA, DONNATELLA, IT [72] SIMMACO, MAURIZIO, IT [71] SBL VACCIN AB, SE [85] 1999-06-11 [86] 1997-12-12 (PCT/SE97/02075) [87] 1998-06-18 (WO98/25961) [30] SE (9604593-5) 1996-12-13</p>	<p>[21] <b>2,276,277</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60R 22/48</b> [25] EN [54] <b>COMPRESSIVE VILLARI EFFECT SEATBELT TENSION SENSOR</b> [54] <b>CAPTEUR DE TENSIONNEMENT POUR CEINTURE DE SECURITE A EFFET DE COMPRESSION VILLARI</b> [72] O'BOYLE, MICHAEL E., US [71] AUTOMOTIVE SYSTEMS LABORATORY, INC., US [85] 1999-06-28 [86] 1998-12-31 (PCT/US98/27897) [87] 1999-07-02 (WO99/35476) [30] US (60/070,319) 1998-01-02 [30] US (224,248) 1998-12-30</p>	<p>[21] <b>2,276,607</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01C 11/00 6A01C 11/02 6A01G 9/10</b> [25] EN [54] <b>FIELD TRANSPLANTER</b> [54] <b>REPIQUEUSE</b> [72] WILLIAMES, GEOFFREY ALLAN, AU [71] WILLIAMES HI-TECH INTERNATIONAL PTY. LTD., AU [85] 1999-06-30 [86] 1997-12-31 (PCT/AU97/00893) [87] 1998-07-09 (WO98/28965) [30] AU (PO4423) 1996-12-31 [30] AU (PO7843) 1997-07-10</p>



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[21] **2,277,074**  
[13] A1

[51] **Int.Cl. 6A61K 7/32**  
[25] EN  
[54] **CLEAR ANTIPERSPIRANT OR DEODORANT GEL COMPOSITION WITH VOLATILE LINEAR SILICONE TO REDUCE STAINING**  
[54] **COMPOSITION DE GEL TRANSPARENT ANTISUDORAL OU DEODORANT CONTENANT DE LA SILICONE LINEAIRE VOLATILE POUR REDUIRE L'EFFET DE COLORATION**  
[72] BOYLE, PATRICIA RILEY, US  
[72] PATEL, JAY C., US  
[72] ROGERS, PATRICIA A., US  
[72] KARASSIK, NANCY M., US  
[72] ANGELONE, PHILIP P., JR., US  
[72] GALANTE, CHERYL WESTON, US  
[72] DIDOMIZIO, PATRICIA, US  
[71] THE GILLETTE COMPANY, US  
[85] 1999-07-07  
[86] 1997-12-16 (PCT/US97/23272)  
[87] 1998-07-30 (WO98/32418)  
[30] US (790,563) 1997-01-29

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

[51] **Int.Cl. 6A61K 9/00 6A61D 7/00 6A61M 31/00**  
[25] EN  
[54] **EXPANDABLE GASTRO-RETENTIVE THERAPEUTIC SYSTEM WITH CONTROLLED ACTIVE SUBSTANCE RELEASE IN THE GASTRO-INTESTINAL TRACT**  
[54] **SYSTEME THERAPEUTIQUE MODIFIABLE DE GASTRO-RETENTION AVEC RELACHEMENT CONTROLE D'UNE SUBSTANCE ACTIVE DANS LE SYSTEME GASTRO-INTESTINAL**  
[72] CREMER, KARSTEN, DE  
[72] HOFFMANN, HANS-RAINER, DE  
[72] LUDWIG, KARIN, DE  
[72] ASMUSSEN, BODO, DE  
[72] ROREGER, MICHAEL, DE  
[71] LTS LOHMANN THERAPIE-SYSTEME GMBH, DE  
[85] 1999-07-12  
[86] 1998-01-09 (PCT/EP98/00099)  
[87] 1998-07-23 (WO98/31341)  
[30] DE (197 00 915.8) 1997-01-14

[21] **2,277,489**  
[13] A1

[51] **Int.Cl. 6B32B 27/36 6B41M 5/40**  
[25] EN  
[54] **READILY BONDABLE POLYESTER FILM**  
[54] **FILM EN POLYESTER FACILE A LIER**  
[72] FUKUDA, MASAYUKI, JP  
[72] YANO, SHINJI, JP  
[72] KITAZAWA, SATOSHI, JP  
[71] TEIJIN LIMITED, JP  
[85] 1999-07-09  
[86] 1998-11-11 (PCT/JP98/05080)  
[87] 1999-05-27 (WO99/25553)  
[30] JP (9/312145) 1997-11-13  
[30] JP (9/312146) 1997-11-13

[21] **2,277,984**  
[13] A1

[51] **Int.Cl. 6F42B 14/00 6F42B 30/10**  
[25] EN  
[54] **ARRANGEMENT FOR SUPPORTING MORTAR SHELL INTO BARREL**  
[54] **STRUCTURE POUR SUPPORTER UN OBUS DE MORTIER DANS LE TUBE**  
[72] REUNAMAKI, KARI, FI  
[72] LEHTIMAKI, MARTTI, FI  
[72] TOIVONEN, VESA, FI  
[71] PATRIA VAMMAS OY, FI  
[85] 1999-07-15  
[86] 1998-01-23 (PCT/FI98/00064)  
[87] 1998-07-30 (WO98/33018)  
[30] FI (970313) 1997-01-24

[21] **2,278,342**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 48/00 6C12N 5/10 6C07K 14/47 6C12N 15/85**  
[25] EN  
[54] **A SINGLE GENE ENCODING AORTIC-SPECIFIC AND STRIATED-SPECIFIC MUSCLE CELL ISOFORMS AND USES THEREOF**  
[54] **GENE UNIQUE CODANT DES ISOFORMES DE CELLULES MUSCULAIRES SPECIFIQUES D'AORTE ET SPECIFIQUES DES MUSCLES STRIES ET UTILISATION DE CE DERNIER**  
[72] HSIEH, CHUNG-MING, US  
[72] LEE, MU-EN, US  
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US  
[85] 1999-07-22  
[86] 1998-02-06 (PCT/US98/02441)  
[87] 1998-08-13 (WO98/35040)  
[30] US (08/795,868) 1997-02-06

[21] **2,278,349**  
[13] A1

[51] **Int.Cl. 6A61N 2/06**  
[25] EN  
[54] **I-FLICE, A NOVEL INHIBITOR OF TUMOR NECROSIS FACTOR RECEPTOR-1 AND CD-95 INDUCED APOPTOSIS**  
[54] **I-FLICE, NOUVEL INHIBITEUR DE RECEPTEUR DU FACTEUR DE NECROSE TUMORALE DE TYPE 1 ET D'APOTOSE INDUITE PAR CD-95**  
[72] KENNY, JOSEPH J., US  
[72] ROSEN, CRAIG A., US  
[72] GENTZ, REINER L., US  
[72] DIXIT, VISHVA M., US  
[72] NI, JIAN, US  
[71] HUMAN GENOME SCIENCES, INC., US  
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US  
[85] 1999-07-21  
[86] 1998-01-21 (PCT/US98/00969)  
[87] 1998-07-23 (WO98/31801)  
[30] US (60/034,205) 1997-01-21  
[30] US (60/054,800) 1997-08-05

[21] **2,279,199**  
[13] A1

[51] **Int.Cl. 6A61B 5/103 6A61B 5/00 6A45D 44/02 6A61B 5/05**  
[25] EN  
[54] **METHOD AND APPARATUS FOR LOCATING AND ASSESSING SOFT TISSUE LESIONS**  
[54] **PROCEDE ET APPAREIL POUR LOCALISER ET EVALUER DES LESIONS DES TISSUS MOUS**  
[72] COWIE, JOCELYN W., CA  
[71] COWIE, JOCELYN W., CA  
[85] 1999-07-27  
[86] 1996-12-06 (PCT/CA96/00814)  
[87] 1998-06-11 (WO98/24365)

[21] **2,279,200**  
[13] A1

[51] **Int.Cl. 6A61L 25/00**  
[25] EN  
[54] **ANAESTHETIC BONE CEMENT**  
[54] **CIMENT OSSEUX ANESTHESANT**  
[72] RUDAN, JOHN F., CA  
[72] ADAMS, MICHAEL A., CA  
[72] BOND, DAVID M., CA  
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA  
[85] 1999-07-27  
[86] 1998-02-02 (PCT/CA98/00060)  
[87] 1998-08-13 (WO98/34653)  
[30] US (08/799,007) 1997-02-07  
[30] US (08/825,943) 1997-04-01

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,279,203</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01M 4/66 6H01M 4/70</b> [25] EN [54] <b>NICKEL-METAL HYDRIDE BATTERIES HAVING HIGH POWER ELECTRODES AND LOW-RESISTANCE ELECTRODE CONNECTIONS</b> [54] <b>ACCUMULATEURS A HYDRURE METALLIQUE DE NICKEL POSSEDANT DES ELECTRODES HAUTE ENERGIE ET DES CONNEXIONS D'ELECTRODE FAIBLE RESISTANCE</b> [72] REICHMAN, BENJAMIN, US [72] VENKATESAN, SRINIVASAN, US [72] FETCENKO, MICHAEL A., US [72] OVSHINSKY, STANFORD R., US [71] OVONIC BATTERY COMPANY, INC., US [85] 1999-07-27 [86] 1998-01-29 (PCT/US98/01946) [87] 1998-08-06 (WO98/34292) [30] US (792,359) 1997-01-31</p>	<p style="text-align: right;">[21] <b>2,279,205</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B23K 35/34</b> [25] EN [54] <b>METHOD FOR THE PRODUCTION OF GALVANIZING FLUXES AND FLUX FEEDSTOCKS</b> [54] <b>PROCEDE POUR LA PRODUCTION DE FONDANTS DE GALVANISATION ET CHARGES D'ALIMENTATION DE FONDANTS</b> [72] MYERSON, ALLAN S., US [72] CUDAHY, MICHAEL W., US [71] RECYCLING TECHNOLOGIES CORP., US [85] 1999-07-29 [86] 1998-02-05 (PCT/US98/02115) [87] 1999-08-12 (WO99/39863) [30] US (08/795,343) 1997-02-04</p>	<p style="text-align: right;">[21] <b>2,279,209</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60C 11/11 6B60C 11/04 6B60C 11/13</b> [25] EN [54] <b>INDUSTRIAL SERVICE AGRICULTURAL TIRE</b> [54] <b>PNEU POUR MATERIEL AGRICOLE DESTINE A UN USAGE INDUSTRIEL</b> [72] BAUS, ANDRE EMILE JOSEPH, LU [71] THE GOODYEAR TIRE &amp; RUBBER COMPANY, US [85] 1999-07-29 [86] 1997-02-04 (PCT/US97/01623) [87] 1998-08-06 (WO98/33669)</p>
<p style="text-align: right;">[21] <b>2,279,204</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/16 6A61K 39/12 6A61K 39/385</b> [25] EN [54] <b>USE OF MICROPARTICLES WITH ADSORBED ANTIGEN TO STIMULATE IMMUNE RESPONSES</b> [54] <b>UTILISATION DE MICROPARTICULES CONTENANT UN ANTIGENE ADSORBE DANS LE BUT DE STIMULER LES REPNSES IMMUNITAIRES</b> [72] O'HAGAN, DEREK, US [72] VAN NEST, GARY, US [72] BARACKMAN, JOHN, US [72] OTT, GARY S., US [72] KAZAZ, JINA, US [71] CHIRON CORPORATION, US [85] 1999-07-27 [86] 1998-01-29 (PCT/US98/01738) [87] 1998-08-06 (WO98/33487) [30] US (60/036,316) 1997-01-30 [30] US (60/069,749) 1997-12-16</p>	<p style="text-align: right;">[21] <b>2,279,206</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01M 8/02 6H01M 8/24</b> [25] EN [54] <b>MEMBRANE-ELECTRODE UNIT WITH AN INTEGRATED WEAR RING, AND PRODUCTION PROCESS</b> [54] <b>UNITE D'ELECTRODES-MEMBRANES A COLLERETTE D'ETANCHEITE INTEGREE, ET PROCEDE DE FABRICATION</b> [72] KOSCHANY, ARTHUR, DE [72] SCHWESINGER, THOMAS, DE [71] MAGNET-MOTOR GESELLSCHAFT FUR MAGNETMOTORISCHE TECHNIK MBH, DE [85] 1999-07-29 [86] 1998-01-29 (PCT/EP98/00479) [87] 1998-07-30 (WO98/33225) [30] DE (197 03 214.1) 1997-01-29</p>	<p style="text-align: right;">[21] <b>2,279,211</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 209/22 6C07D 209/24 6A61K 31/405</b> [25] EN [54] <b>INDOLE DICARBOXYLIC ACID DERIVATIVES</b> [54] <b>DERIVES D'ACIDE INDOLDICARBOXYLIQUE</b> [72] OHTANI, MITSUAKI, JP [72] HAGISHITA, SANJI, JP [71] SHIONOGI &amp; CO., LTD., JP [85] 1999-07-29 [86] 1998-02-19 (PCT/JP98/00679) [87] 1998-08-27 (WO98/37069) [30] JP (9/35984) 1997-02-20</p>
<p style="text-align: right;">[21] <b>2,279,208</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07B 61/00</b> [25] EN [54] <b>NOVEL SOLID-PHASE SYNTHESIS TECHNIQUES FOR PREPARING MULTIPLE ANALOGOUS COMPOUNDS</b> [54] <b>NOUVELLES TECHNIQUES DE SYNTHESE EN PHASE SOLIDE PERMETTANT DE PREPARER DIVERS COMPOSES ANALOGUES</b> [72] PHELAN, JOHN CHRISTOPHER, US [71] AXYS PHARMACEUTICALS, INC., US [85] 1999-07-29 [86] 1998-01-29 (PCT/US98/01854) [87] 1998-08-06 (WO98/33751) [30] US (60/034,892) 1997-01-31</p>	<p style="text-align: right;">[21] <b>2,279,212</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 1/32 6C12P 7/60</b> [25] EN [54] <b>METHOD FOR PRODUCING AN OXIDE WITH A FERMENTATION PROCESS</b> [54] <b>PROCEDE DE PRODUCTION D'UN OXYDE PAR FERMENTATION</b> [72] NANIN, HIDEMITSU, JP [72] HAYASHI, KATUYOSHI, JP [72] NOGUCHI, YUJI, JP [72] SAITO, YOSHIMASU, JP [72] YOSHIDA, MASARU, JP [72] SOEDA, SHINSUKE, JP [71] FUJISAWA PHARMACEUTICAL CO., LTD., JP [85] 1999-07-29 [86] 1998-01-26 (PCT/JP98/00301) [87] 1998-08-06 (WO98/33885) [30] JP (9/18248) 1997-01-31</p>	

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[21] **2,279,213**  
[13] A1

[51] **Int.Cl. 6A61L 27/00 6A61F 2/16**  
[25] EN  
[54] **INTRAOCULAR LENSES AND PROCESS FOR PRODUCING MOLDED-IN TYPE INTRAOCULAR LENSES**  
[54] **CRISTALLIN ARTIFICIEL ET PROCEDES DE PRODUCTION DE CRISTALLINS ARTIFICIELS DE TYPE MOULES**  
[72] YAMAYA, TAKUJI, JP  
[72] HAMANO, MIGIO, JP  
[72] SHIBUYA, AKIHIKO, JP  
[71] HOYA HEALTHCARE CORPORATION, JP  
[85] 1999-07-29  
[86] 1998-11-30 (PCT/JP98/05370)  
[87] 1999-06-10 (WO99/27978)  
[30] JP (H9-332009) 1997-12-02  
[30] JP (H9-343005) 1997-12-12

[21] **2,279,214**  
[13] A1

[51] **Int.Cl. 6A61K 31/505 6A61K 31/52 6A61K 31/675 6A61K 31/70**  
[25] EN  
[54] **ANTIVIRAL AGENTS**  
[54] **AGENTS ANTIVIRAUX**  
[72] YUASA, SATOSHI, JP  
[71] MITSUBISHI CHEMICAL CORPORATION, JP  
[85] 1999-07-29  
[86] 1998-01-29 (PCT/JP98/00361)  
[87] 1998-08-06 (WO98/33505)  
[30] JP (9-18384) 1997-01-31

[21] **2,279,216**  
[13] A1

[51] **Int.Cl. 6A61G 5/08**  
[25] EN  
[54] **A SET OF RELEASABLY INTERCONNECTABLE MEMBERS FOR BUILDING UP A CHAIR FOR DISABLED PERSONS**  
[54] **JEU D'ELEMENTS INTERCONNECTABLES ET AMOVIBLES AUX FINS DE L'ASSEMBLAGE D'UN FAUTEUIL POUR INVALIDE**  
[72] KOFOED, HENRIK NOHR, CH  
[72] RONNE, GERT STEEN, DK  
[71] BORRINGIA INDUSTRIE AG, CH  
[85] 1999-07-29  
[86] 1998-02-06 (PCT/DK98/00049)  
[87] 1998-08-13 (WO98/34576)  
[30] DK (0133/97) 1997-02-06

[21] **2,279,217**  
[13] A1

[51] **Int.Cl. 6C08L 23/14**  
[25] EN  
[54] **POLYPROPYLENE COPOLYMER ALLOYS AND PROCESS FOR MAKING**  
[54] **MELANGES DE COPOLYMERE DE POLYPROPYLENE ET PROCEDE DE FABRICATION**  
[72] CHIEN, WILLIAM MOA-TSENG, US  
[72] GEORGELLIS, GEORGE BYRON, US  
[72] CHENG, CHIA YUNG, US  
[71] EXXON CHEMICAL PATENTS INC., US  
[85] 1999-07-27  
[86] 1998-03-04 (PCT/US98/04287)  
[87] 1998-09-11 (WO98/39384)  
[30] US (08/811,557) 1997-03-04

[21] **2,279,223**  
[13] A1

[51] **Int.Cl. 6A61F 7/00**  
[25] EN  
[54] **THERMAL THERAPY DEVICES AND METHODS OF MAKING THE SAME**  
[54] **DISPOSITIFS DE THERAPIE THERMIQUE ET PROCEDES POUR PRODUIRE CES DISPOSITIFS**  
[72] NEBOLON, JOSEPH F., US  
[72] KOLEN, PAUL T., US  
[71] NEBOLON, JOSEPH F., US  
[71] KOLEN, PAUL T., US  
[85] 1999-07-28  
[86] 1998-02-03 (PCT/US98/01680)  
[87] 1998-08-06 (WO98/33460)  
[30] US (08/794,837) 1997-02-03

[21] **2,279,225**  
[13] A1

[51] **Int.Cl. 6A61F 5/37 6A61F 13/04**  
[25] EN  
[54] **ANKLE-FOOT ORTHOSIS**  
[54] **ORTHESE PEDI-JAMBIERE**  
[72] ENGD AHL, KARL, SE  
[72] WILLNER, STIG, SE  
[71] ENGD AHL, KARL, SE  
[71] WILLNER, STIG, SE  
[85] 1999-07-28  
[86] 1997-07-10 (PCT/SE97/01253)  
[87] 1998-08-13 (WO98/34572)  
[30] US (08/795,973) 1997-02-05

[21] **2,279,227**  
[13] A1

[51] **Int.Cl. 6A41D 25/02 6A41D 25/00**  
[25] EN  
[54] **NECKTIE**  
[54] **CRAVATE**  
[72] DRESEN, BIRGIT, DE  
[72] LENZ, GERNOT, DE  
[71] DRESEN, BIRGIT, DE  
[71] LENZ, GERNOT, DE  
[85] 1999-07-28  
[86] 1998-01-16 (PCT/DE98/00140)  
[87] 1998-08-06 (WO98/33405)  
[30] DE (297 01 526.5) 1997-01-30

[21] **2,279,229**  
[13] A1

[51] **Int.Cl. 6H01J 37/32**  
[25] EN  
[54] **METHOD AND APPARATUS TO PRODUCE LARGE INDUCTIVE PLASMA FOR PLASMA PROCESSING**  
[54] **PROCEDE ET DISPOSITIF DE PRODUCTION DE PLASMA INDUCTIF A GRANDE ECHELLE POUR TRAITEMENT AU PLASMA**  
[72] ROSSI, FRANÇOIS, IT  
[72] COLPO, PASCAL, FR  
[72] DAVIET, JEAN-FRANÇOIS, FR  
[72] ERNST, ROLAND, FR  
[71] EUROPEAN COMMUNITY, LU  
[85] 1999-07-28  
[86] 1998-10-07 (PCT/EP98/06492)  
[87] 1999-04-22 (WO99/19898)  
[30] EP (97402395.4) 1997-10-10  
[30] EP (98400888.8) 1998-04-10  
[30] EP (98401199.9) 1998-05-19

[21] **2,279,231**  
[13] A1

[51] **Int.Cl. 6C12N 15/18 6A61K 38/22 6C07K 16/22 6C07K 14/475**  
[25] EN  
[54] **ACTIVITY DEPENDENT NEUROTROPHIC FACTOR III (ADNF III)**  
[54] **FACTEUR NEUROTROPHIQUE III DEPENDANT DE L'ACTIVITE (ADNF III)**  
[72] BASSAN, MERAV, IL  
[72] BRENNEMAN, DOUGLAS E., US  
[72] GOZES, ILLANA, IL  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRE, US  
[85] 1999-07-28  
[86] 1998-02-06 (PCT/US98/02485)  
[87] 1998-08-13 (WO98/35042)  
[30] US (60/037,404) 1997-02-07

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[21] **2,279,232**  
[13] A1

[51] **Int.Cl. 6B01J 19/00 6C07H 21/00 6C07K 1/04**  
[25] EN  
[54] **REPLACEABLE ELEMENTS FOR A PARALLEL SEQUENTIAL BIOPOLYMER SYNTHESIS DEVICE**  
[54] **ELEMENTS REMPLACABLES DESTINES A UN DISPOSITIF PARALLELE SEQUENTIEL DE SYNTHESE DE BIOPOLYMERES**  
[72] CHRISTOPHER, ANTHONY J., US  
[72] VALLE, JOSE L., US  
[72] ELLIS, CHARLES, US  
[72] NEVES, RICHARD S., US  
[72] BOCCUTI, A. DAVID, US  
[71] GORDON, STEVEN J., US  
[71] CHRISTOPHER, ANTHONY J., US  
[71] VALLE, JOSE L., US  
[71] ELLIS, CHARLES, US  
[71] NEVES, RICHARD S., US  
[71] BOCCUTI, A. DAVID, US  
[85] 1999-04-01  
[86] 1997-10-03 (PCT/US97/17531)  
[87] 1998-04-09 (WO98/14271)  
[30] US (60/027,507) 1996-10-04

[21] **2,279,233**  
[13] A1

[51] **Int.Cl. 6A61K 47/48 6A61K 33/00 6A23L 1/304 6A23L 1/305**  
[25] EN  
[54] **ARGININE SILICATE INOSITOL COMPLEX AND USE THEREOF**  
[54] **COMPLEXE SILICATE D'ARGININE-INOSITOL ET UTILISATION DE CE DERNIER**  
[72] McCARTY, MARK F., US  
[72] ZIELINSKI, JAN, US  
[71] NUTRITION 21, US  
[85] 1999-07-28  
[86] 1998-02-11 (PCT/US98/02443)  
[87] 1998-08-13 (WO98/34647)  
[30] US (08/799,784) 1997-02-12

[21] **2,279,234**  
[13] A1

[51] **Int.Cl. 6H04M 1/274**  
[25] EN  
[54] **TELEPHONE DIRECTORY APPARATUS AND METHOD**  
[54] **DISPOSITIF REPERTOIRE DE NUMEROS DE TELEPHONE ET PROCEDE ASSOCIE**  
[72] McCLENNON, ROBERT SCOTT, CA  
[72] CUDDY, DAVID ROBERT, CA  
[72] RAHRER, TIMOTHY JOSEPH, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[85] 1999-06-08  
[86] 1997-12-11 (PCT/CA97/00961)  
[87] 1998-06-25 (WO98/27706)  
[30] US (08/767,499) 1996-12-16

[21] **2,279,235**  
[13] A1

[51] **Int.Cl. 6C07C 273/12**  
[25] EN  
[54] **PROCESS FOR PREPARING UREA**  
[54] **PROCEDE DE PREPARATION D'UREE**  
[72] VAN WIJCK, JULIUS GERARDUS THEODORUS, NL  
[72] MEESSEN, JOZEF HUBERT, NL  
[71] DSM N.V., NL  
[85] 1999-07-27  
[86] 1998-01-20 (PCT/NL98/00036)  
[87] 1998-07-30 (WO98/32731)  
[30] NL (1005118) 1997-01-29

[21] **2,279,240**  
[13] A1

[51] **Int.Cl. 6H04B 10/20 6H04L 12/42**  
[25] EN  
[54] **METHOD AND APPARATUS FOR OPERATION, PROTECTION, AND RESTORATION OF HETEROGENEOUS OPTICAL COMMUNICATION NETWORKS**  
[54] **PROCEDE ET APPAREIL POUR L'EXPLOITATION, LA PROTECTION ET LA RESTAURATION DE RESEAUX DE TELECOMMUNICATION OPTIQUE HETEROGENES**  
[72] SHARMA, ROHIT, US  
[72] McADAMS, LARRY R., US  
[71] OPTICAL NETWORKS, INC., US  
[85] 1999-07-28  
[86] 1998-02-09 (PCT/US98/02515)  
[87] 1998-10-22 (WO98/47039)  
[30] US (60/038,149) 1997-02-10  
[30] US (09/019,347) 1998-02-05

[21] **2,279,243**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **DNA SEQUENCING METHOD**  
[54] **PROCEDE DE SEQUENCAGE D'ADN**  
[72] VOSS, HARTMUT, DE  
[72] SEVIGNY, PIERRE, CA  
[72] HULTMAN, TOMAS, SE  
[72] DUTHIE, SCOTT, US  
[71] PHARMACIA BIOTECH INC., US  
[85] 1999-07-28  
[86] 1997-12-15 (PCT/US97/22902)  
[87] 1998-06-25 (WO98/27228)  
[30] US (08/768,550) 1996-12-18

[21] **2,279,294**  
[13] A1

[51] **Int.Cl. 6C22C 19/05**  
[25] EN  
[54] **AUSTENITIC NICKEL-CHROMIUM-MOLYBDENUM-SILICON ALLOY WITH HIGH CORROSION RESISTANCE TO HOT CHLORIDE-CONTAINING GASES AND CHLORIDE**  
[54] **ALLIAGE NICKEL-CHROME-MOLYBDENE-SILICIUM AUSTENITIQUE A HAUTE RESISTANCE A LA CORROSION PAR LES CHLORURES ET LES GAZ CHLORES A CHAUD**  
[72] KLOWER, JUTTA, DE  
[72] HEUBNER, ULRICH, DE  
[71] KRUPP VDM GMBH, DE  
[85] 1999-07-28  
[86] 1997-11-26 (PCT/EP97/06592)  
[87] 1998-07-30 (WO98/32887)  
[30] DE (197 03 035.1) 1997-01-29

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,279,295</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 1/10</b> [25] EN [54] <b>WIDE-MOUTHED CONTAINER, SUCH AS PAINT CONTAINER PRODUCED BY INJECTION DRAW BLOW MOLDING</b> [54] <b>RECIPIENT A GRANDE OUVERTURE, TEL QU'UN RECIPIENT DE PEINTURE PRODUIT PAR MOULAGE PAR ETIRAGE SOUFFLAGE PAR INJECTION</b> [72] KODA, HIDEAKI, JP [71] A. K. TECHNICAL LABORATORY, INC., JP [85] 1999-07-27 [86] 1998-11-27 (PCT/JP98/05346) [87] 1999-06-10 (WO99/28196) [30] JP (9-329070) 1997-11-28 [30] JP (9-329071) 1997-11-28</p>	<p style="text-align: right;">[21] <b>2,279,298</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 519/06 6A61K 31/425</b> [25] EN [54] <b>NEW CARBAPENEM DERIVATIVES</b> [54] <b>NOUVEAUX DERIVES DE CARBAPENEM</b> [72] ATSUMI, KUNIO, JP [72] IWAMATSU, KATSUYOSHI, JP [72] SASAKI, TOSHIRO, JP [72] KOBAYASHI, KAZUKO, JP [72] KANO, YUKO, JP [72] TOYOOKA, YUMIKO, JP [72] FUSHIHARA, KENICHI, JP [72] TAKIZAWA, HIROMASA, JP [72] AIHARA, KAZUHIRO, JP [72] IDA, TAKASHI, JP [71] MEIJI SEIKA KAISHA, LTD., JP [85] 1999-07-27 [86] 1998-01-28 (PCT/JP98/00347) [87] 1998-07-30 (WO98/32760) [30] JP (13571/1997) 1997-01-28 [30] JP (34599/1997) 1997-02-19</p>	<p style="text-align: right;">[21] <b>2,279,302</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 33/49 6A61B 6/00 6G01N 33/487</b> [25] EN [54] <b>MEASUREMENT OF PLASMA VOLUME</b> [54] <b>MESURE DU VOLUME PLASMATIQUE</b> [72] JONES, JOHN G., GB [72] WARDROP, CHARLES A.J., GB [72] WUSTEMAN, FREDERICK S., GB [71] UNIVERSITY OF WALES COLLEGE OF MEDICINE, GB [71] UNIVERSITY OF WALES, CARDIFF, GB [85] 1999-07-27 [86] 1998-02-05 (PCT/GB98/00362) [87] 1998-08-13 (WO98/35230) [30] GB (9702285.9) 1997-02-05 [30] GB (9726795.9) 1997-12-19</p>
<p style="text-align: right;">[21] <b>2,279,296</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C01B 33/16 6C09C 1/30</b> [25] EN [54] <b>HYDROPHOBIC ORGANOSILICATE-MODIFIED SILICA GELS</b> [54] <b>GELS DE SILICE HYDROPHOBES MODIFIES A L'ORGANOSILICATE</b> [72] HAHN, JAMES R., US [72] BURNS, GARY T., US [72] REESE, CLIFFORD C., US [71] DOW CORNING CORPORATION, US [85] 1999-07-30 [86] 1998-02-18 (PCT/US98/03123) [87] 1998-08-27 (WO98/37015) [30] US (08/805,102) 1997-02-24</p>	<p style="text-align: right;">[21] <b>2,279,300</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08F 283/00 6C08G 63/00 6A61B 17/10 6C08G 73/10 6C08L 77/10 6C08G 69/28</b> [25] EN [54] <b>POLYESTERAMIDES FROM CYCLIC MONOMERS AND SURGICAL ARTICLES MADE THEREFROM</b> [54] <b>POLYESTERAMIDES OBTENUS A PARTIR DE MONOMERES CYCLIQUES ET ARTICLES CHIRURGICAUX PRODUITS A PARTIR DE CEUX-CI</b> [72] ROBY, MARK S., US [72] JIANG, YING, US [71] UNITED STATES SURGICAL CORPORATION, US [85] 1999-07-27 [86] 1998-01-27 (PCT/US98/01674) [87] 1998-07-30 (WO98/32778) [30] US (60/036,206) 1997-01-28</p>	<p style="text-align: right;">[21] <b>2,279,303</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01S 3/02</b> [25] EN [54] <b>DETERMINING ANGLE OF ARRIVAL OF A SIGNAL</b> [54] <b>DETERMINATION DE L'ANGLE D'ARRIVEE D'UN SIGNAL</b> [72] BRUCKERT, EUGENE J., US [71] MOTOROLA, INC., US [85] 1999-07-30 [86] 1998-01-08 (PCT/US98/00255) [87] 1998-08-27 (WO98/37430) [30] US (08/804,780) 1997-02-24</p>
<p style="text-align: right;">[21] <b>2,279,297</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01L 43/02</b> [25] EN [54] <b>VIALESS INTEGRATED INDUCTIVE ELEMENTS FOR ELECTROMAGNETIC APPLICATIONS</b> [54] <b>ELEMENTS INDUCTIFS INTEGRES SANS TROUS D'INTERCONNEXIONS POUR DES APPLICATIONS ELECTROMAGNETIQUES</b> [72] FRAZIER, BRUNO A., US [71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US [85] 1999-07-28 [86] 1998-01-30 (PCT/US98/01879) [87] 1998-08-06 (WO98/34287) [30] US (08/794,338) 1997-02-03</p>	<p style="text-align: right;">[21] <b>2,279,306</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C25B 11/00</b> [25] EN [54] <b>IMPROVEMENTS IN OR RELATING TO ELECTRODES</b> [54] <b>AMELIORATIONS APORTEES AUX ELECTRODES</b> [72] ECCLES, CHRISTOPHER ROBERT, GB [71] DAVIES, CHRISTOPHER JOHN, GB [71] DAVIES, CAROLINE JANE, GB [71] BEITH, ROBERT M.V., GB [71] ECCLES, CHRISTOPHER ROBERT, GB [85] 1999-07-30 [86] 1998-01-28 (PCT/GB98/00252) [87] 1998-08-06 (WO98/33955) [30] GB (9702253.7) 1997-02-04</p>	

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<p style="text-align: right;">[21] <b>2,279,307</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B41J 3/36 6B41J 2/44</b> [25] EN [54] <b>DEVICE FOR LASER WRITING ON MATERIALS</b> [54] <b>DISPOSITIF PERMETTANT L'ECRITURE AU LASER SUR DES MATERIAUX</b> [72] KUNTZE, ANDREAS, DE [71] CHROMATRON LASER SYSTEMS GMBH, DE [85] 1999-07-27 [86] 1998-02-06 (PCT/DE98/00447) [87] 1998-08-13 (WO98/34789) [30] DE (197 06 038.2) 1997-02-06</p>	<p style="text-align: right;">[21] <b>2,279,311</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/39</b> [25] EN [54] <b>APPARATUS FOR BIOLOGICAL TISSUE TREATMENT UTILIZING HIGH FREQUENCY</b> [54] <b>APPAREIL POUR LE TRAITEMENT HAUTE FREQUENCE DE TISSUS BIOLOGIQUES</b> [72] WATANABE, YASUO, JP [72] ZHAO, WEI, JP [71] KABUSHIKIKAISHA NIHON M.D.M., JP [85] 1999-07-28 [86] 1998-05-27 (PCT/JP98/02323) [87] 1999-01-14 (WO99/01077) [30] JP (9/191802) 1997-07-02</p>	<p style="text-align: right;">[21] <b>2,279,314</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/38</b> [25] EN [54] <b>METHOD AND APPARATUS FOR PERFORMING SOFT HAND-OFF IN A WIRELESS COMMUNICATION SYSTEM</b> [54] <b>PROCEDE ET DISPOSITIF POUR REALISER UN TRANSFERT SOUPLE DANS UN SYSTEME DE COMMUNICATION SANS FIL</b> [72] QUICK, ROY F., US [72] PADOVANI, ROBERTO, US [71] QUALCOMM INCORPORATED, US [85] 1999-07-28 [86] 1998-01-27 (PCT/US98/01058) [87] 1998-07-30 (WO98/33288) [30] US (08/790,497) 1997-01-29</p>
<p style="text-align: right;">[21] <b>2,279,308</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C22C 21/04 6C22C 21/02 6C22F 1/043 6C22F 1/05</b> [25] EN [54] <b>AL-MG-SI ALLOY WITH GOOD EXTRUSION PROPERTIES</b> [54] <b>ALLIAGE D'ALUMINIUM, DE MAGNESIUM ET DE SILICIUM POSSEDANT DE BONNES QUALITES D'EXTRUSION</b> [72] HANKIN, JEFFREY DAVID, GB [72] HICKLIN, KEVIN PAUL, GB [72] PARSON, NICHOLAS CHARLES, GB [71] ALCAN INTERNATIONAL LIMITED, CA [85] 1999-07-27 [86] 1998-03-20 (PCT/GB98/00849) [87] 1998-10-01 (WO98/42884) [30] EP (97301911.0) 1997-03-21</p>	<p style="text-align: right;">[21] <b>2,279,312</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/38</b> [25] EN [54] <b>METHOD AND APPARATUS FOR PROVIDING INTELLIGENT CELLULAR HANDOFF</b> [54] <b>PROCEDE ET APPAREIL ASSURANT UN TRANSFERT CELLULAIRE INTELLIGENT</b> [72] CHAO, PI-HUI, US [72] TU, JEROME C., US [71] INTERWAVE COMMUNICATIONS, INC., US [85] 1999-07-30 [86] 1998-01-29 (PCT/US98/01759) [87] 1998-08-06 (WO98/34426) [30] US (08/790,206) 1997-02-05</p>	<p style="text-align: right;">[21] <b>2,279,315</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08J 3/00 6B32B 27/00 6C08F 8/00 6C09J 4/00 6C09J 101/00 6C09J 201/00 6C08L 75/00 6C08F 283/04 6C08K 3/20 6C08F 8/30 6B32B 27/40</b> [25] EN [54] <b>UNSATURATED POLYMER POLYURETHANE STRUCTURAL ADHESIVE</b> [54] <b>ADHESIF STRUCTURAL A BASE DE POLYURETHANE POLYMERE INSATURE</b> [72] CHUNG, DANIEL A., US [71] ASHLAND INC., US [85] 1999-07-30 [86] 1998-01-30 (PCT/US98/01793) [87] 1998-08-06 (WO98/33845) [30] US (08/795,334) 1997-02-04</p>
<p style="text-align: right;">[21] <b>2,279,310</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 5/74 6H04N 13/04 6H04N 9/31 6G03B 21/60</b> [25] EN [54] <b>VIDEO PROJECTION HOLOGRAPHIC SCREEN, SYSTEM AND METHOD</b> [54] <b>ECRAN, SYSTEME ET PROCEDE HOLOGRAPHIQUE DE PROJECTION VIDEO</b> [72] BENTON, STEPHEN A., US [71] CORPORATION FOR LASER OPTICS RESEARCH, US [85] 1999-07-27 [86] 1998-01-28 (PCT/US98/01718) [87] 1998-08-13 (WO98/35498) [30] US (60/036,438) 1997-01-28</p>	<p style="text-align: right;">[21] <b>2,279,313</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61N 1/362</b> [25] EN [54] <b>BREAK ALGORITHM FOR PR + PVARP BLOCK</b> [54] <b>ALGORITHME DE RUPTURE DESTINE A UN BLOC PR + PVARP</b> [72] MAARSE, ALBERT, NL [71] CARDIAC PACEMAKERS, INC., US [85] 1999-07-30 [86] 1998-02-06 (PCT/US98/02614) [87] 1998-08-20 (WO98/35723) [30] US (08/802,543) 1997-02-18</p>	<p style="text-align: right;">[21] <b>2,279,317</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08B 37/00 6A61K 7/48 6A61K 31/725</b> [25] EN [54] <b>O-SULFATED BACTERIAL POLYSACCHARIDES</b> [54] <b>POLYSACCHARIDES BACTERIENS ORTHO-SULFATES</b> [72] CIPOLLETTI, GIOVANNI, IT [72] ORESTE, PASQUA, IT [72] ZOPPETTI, GIORGIO, IT [71] INALCO S.P.A., IT [85] 1999-07-29 [86] 1998-02-04 (PCT/EP98/00598) [87] 1998-08-13 (WO98/34958) [30] IT (MI97A000252) 1997-02-07</p>

## PCT Applications Entering the National Phase

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[21] **2,279,318**  
[13] A1  
[51] **Int.Cl. 6H04B 7/26 6H04J 3/06**  
[25] EN  
[54] **AIR FRAME SYNCHRONISATION  
PAR VOIE AERIENNE**  
[72] FREEZE, JOHN MARK, US  
[72] OSTMAN, THOMAS, SE  
[72] NYBERG, HENRIK, SE  
[72] BRIGHT, RANDALL GLENN, US  
[71] TELEFONAKTIEBOLAGET LM  
ERICSSON, SE  
[85] 1999-07-30  
[86] 1998-01-26 (PCT/EP98/00421)  
[87] 1998-08-06 (WO98/34359)  
[30] GB (9702026.7) 1997-01-31

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[21] **2,279,319**  
[13] A1  
[51] **Int.Cl. 6C07D 271/12 6C07D 413/06  
6C07D 417/06 6C07D 498/10 6C07D 285/  
14 6A61K 31/445 6A61K 31/535 6A61K  
31/54**  
[25] EN  
[54] **BENZOFURAZAN COMPOUNDS  
WHICH ENHANCE AMPA RECEPTOR  
ACTIVITY**  
[54] **COMPOSES A BASE DE  
BENZOFURAZAN RENFORCANT  
L'ACTIVITE DU RECEPTEUR DE  
L'AMPA**  
[72] ROGERS, GARY A., US  
[72] MARRS, CHRISTOPHER M., US  
[71] THE REGENTS OF THE  
UNIVERSITY OF CALIFORNIA, US  
[85] 1999-07-29  
[86] 1998-02-13 (PCT/US98/02713)  
[87] 1998-08-20 (WO98/35950)  
[30] US (08/800,108) 1997-02-13

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[21] **2,279,321**  
[13] A1  
[51] **Int.Cl. 6C04B 35/634**  
[25] EN  
[54] **PREPARATION AND UTILITY OF  
WATER-SOLUBLE POLYMERS  
HAVING PENDANT DERIVATIZED  
AMIDE, ESTER OR ETHER  
FUNCTIONALITIES AS CERAMICS  
DISPERSANTS AND BINDERS**  
[54] **PREPARATION ET UTILISATION  
DE POLYMERES HYDROSOLUBLES  
PRESENTANT COMME DISPERSANTS  
ET LIANTS DE CERAMIQUES DES  
FONCTIONS AMIDE, ESTER OU  
ETHER MODIFIEES LATERALES**  
[72] MORRIS, JOHN D., US  
[72] MOEGGENBORG, KEVIN J., US  
[72] REED, PETER E., US  
[72] WANG, JIN-SHAN, US  
[72] TANG, JIANSHEG, US  
[72] HOWLAND, CHRISTOPHER P., US  
[71] NALCO CHEMICAL COMPANY, US  
[85] 1999-07-30  
[86] 1998-01-28 (PCT/US98/01073)  
[87] 1998-08-06 (WO98/33750)  
[30] US (08/792,610) 1997-01-31

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[21] **2,279,323**  
[13] A1  
[51] **Int.Cl. 6H04J 3/16 6H04J 3/24 6H04L  
12/64**  
[25] EN  
[54] **COMBINED UNIFORM RATE AND  
BURST RATE TRANSMISSION  
SYSTEM**  
[54] **SYSTEME DE TRANSMISSION  
COMBINE A DEBIT REGULIER ET A  
DEBIT EN RAFALES**  
[72] LECHLEIDER, JOSEPH WILLIAM,  
US  
[71] THE KOHL GROUP, INC., US  
[85] 1999-07-29  
[86] 1998-01-26 (PCT/US98/01533)  
[87] 1998-08-06 (WO98/34362)  
[30] US (08/794,969) 1997-02-04

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[21] **2,279,324**  
[13] A1  
[51] **Int.Cl. 6A61N 5/00**  
[25] EN  
[54] **RADIATION DELIVERY  
BALLOON**  
[54] **BALLONNET A VECTEUR DE  
RAYONNEMENT**  
[72] CROCKER, MICHAEL, US  
[72] SIMINUK, MARK, US  
[72] KICK, GEORGE F., US  
[71] CARDIOVASCULAR DYNAMICS,  
INC., US  
[85] 1999-07-30  
[86] 1998-01-30 (PCT/US98/01767)  
[87] 1998-08-06 (WO98/33555)  
[30] US (08/789,969) 1997-01-31

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[21] **2,279,325**  
[13] A1  
[51] **Int.Cl. 6F42B 12/00**  
[25] EN  
[54] **IMPROVED MISSILE WARHEAD  
DESIGN**  
[54] **MODELE PERFECTIONNE  
D'OGIVE DE MISSILE**  
[72] BOOTES, THOMAS H., US  
[72] CASTILLO, MEL, US  
[71] RAYTHEON COMPANY, US  
[85] 1999-07-30  
[86] 1998-12-03 (PCT/US98/25655)  
[87] 1999-07-15 (WO99/35461)  
[30] US (08/984,100) 1997-12-03

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## Demandes PCT entrant en phase nationale

[21] **2,279,326**  
[13] A1

[51] **Int.Cl. 6A61K 31/44**  
[25] FR  
[54] **UTILISATION DU 1--4-(3-TRIFLUOROMETHYLPHENYL)-1,2,3,6-TETRAHYDROPYRID-1YL)-2-(6,7-DIMETHOXYNAPHT-2-YL)ETHANE POUR LA PREPARATION DE MEDICAMENTS DESTINES AUX TRAITEMENTS DE TROUBLES CEREBRAUX ET NEURONAUX**  
[54] **USE OF 1--4-(3-TRIFLUOROMETHYLPHENYL)-1,2,3,6-TETRAHYDROPYRID-1YL)-2-(6,7-DIMETHOXYNAPHT-2-YL)ETHANE FOR PREPARING MEDICINES FOR THE TREATMENT OF CEREBRAL AND NEURONAL DISORDERS**  
[72] PALMIERI, COSTANTINO, IT  
[72] GUZZI, UMBERTO, IT  
[72] CROCI, TIZIANO, IT  
[72] FOURNIER, JACQUELINE, FR  
[71] SANOFI-SYNTHELABO, FR  
[85] 1999-07-30  
[86] 1997-02-03 (PCT/FR97/00202)  
[87] 1998-08-06 (WO98/33502)

[21] **2,279,327**  
[13] A1

[51] **Int.Cl. 6A61L 11/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR DISPOSAL OF INFECTIOUS AND MEDICAL WASTE**  
[54] **APPAREIL ET PROCEDE POUR L'EVACUATION DE DECHETS INFECTIEUX ET MEDICAU**  
[72] HEALY, THOMAS, US  
[72] SCHINK, ERIC, US  
[72] BRICKEN, JONATHAN, US  
[71] THERMAL WASTE TECHNOLOGIES, INC., US  
[85] 1999-07-29  
[86] 1998-01-22 (PCT/US98/01111)  
[87] 1998-08-06 (WO98/33532)  
[30] US (08/794,214) 1997-01-30

[21] **2,279,328**  
[13] A1

[51] **Int.Cl. 6F01C 21/16 6F01C 1/20**  
[25] EN  
[54] **CONTROL OF A LOBED ROTOR MACHINE**  
[54] **COMMANDE D'UN ROTOR A LOBES**  
[72] DYE, ANTHONY OSBOURNE, GB  
[71] ROTARY POWER COUPLE ENGINES LIMITED, GB  
[85] 1999-07-30  
[86] 1998-02-04 (PCT/GB98/00345)  
[87] 1998-08-13 (WO98/35136)  
[30] GB (9702342.8) 1997-02-05

[21] **2,279,329**  
[13] A1

[51] **Int.Cl. 6G01N 33/68 6G01N 33/573 6G01N 33/58**  
[25] EN  
[54] **PROTEIN FRAGMENT COMPLEMENTATION ASSAYS TO DETECT BIOMOLECULAR INTERACTIONS**  
[54] **ANALYSES PAR COMPLEMENTATION DE FRAGMENTS PROTEIQUES POUR DETECTER DES INTERACTIONS BIOMOLECULAIRES**  
[72] PELLETIER, JOELLE NINA, CA  
[72] REMY, INGRID, CA  
[72] MICHNICK, STEPHEN WILLIAM WATSON, CA  
[71] UNIVERSITE DE MONTREAL, CA  
[85] 1999-07-29  
[86] 1998-02-02 (PCT/CA98/00068)  
[87] 1998-08-06 (WO98/34120)  
[30] CA (2,196,496) 1997-01-31

[21] **2,279,330**  
[13] A1

[51] **Int.Cl. 6H05B 33/14**  
[25] EN  
[54] **COLOR VARIABLE BIPOLAR/AC LIGHT-EMITTING DEVICES**  
[54] **DISPOSITIFS ELECTROLUMINESCENTS BIPOLAIRES/COURANT ALTERNATIF A COULEUR VARIABLE**  
[72] WANG, YUNZHANG, US  
[72] EPSTEIN, ARTHUR J., US  
[71] THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION, US  
[85] 1999-07-29  
[86] 1998-03-11 (PCT/US98/04831)  
[87] 1998-09-17 (WO98/41065)  
[30] US (60/036,679) 1997-03-11

[21] **2,279,331**  
[13] A1

[51] **Int.Cl. 6A61K 38/00 6C07C 229/00 6C07C 233/00 6C07D 209/02 6C07D 239/02 6C07D 241/02 6C07D 257/04 6C07D 311/04 6A61K 47/12 6C07C 317/14**  
[25] EN  
[54] **COMPOUNDS AND COMPOSITIONS FOR DELIVERING ACTIVE AGENTS**  
[54] **COMPOSES ET COMPOSITIONS DESTINES A L'ADMINISTRATION D'AGENTS ACTIFS**  
[72] WANG, ERIC, US  
[72] MILSTEIN, SAM J., US  
[72] LEONE-BAY, ANDREA, US  
[72] GSCHNEIDNER, DAVID, US  
[72] SARRUBI, DONALD J., US  
[72] HO, KOC-KAN, US  
[72] LEIPOLD, HARRY R., US  
[71] EMISPHERE TECHNOLOGIES, INC., US  
[85] 1999-07-29  
[86] 1998-02-06 (PCT/US98/02619)  
[87] 1998-08-13 (WO98/34632)  
[30] US (08/796,336) 1997-02-07  
[30] US (08/796,340) 1997-02-07  
[30] US (08/796,338) 1997-02-07  
[30] US (08/797,813) 1997-02-07  
[30] US (08/797,816) 1997-02-07  
[30] US (08/797,820) 1997-02-07  
[30] US (08/797,100) 1997-02-07  
[30] US (08/796,337) 1997-02-07  
[30] US (08/796,334) 1997-02-07  
[30] US (08/796,341) 1997-02-07  
[30] US (08/796,339) 1997-02-07  
[30] US (08/797,817) 1997-02-07  
[30] US (08/796,335) 1997-02-07

[21] **2,279,334**  
[13] A1

[51] **Int.Cl. 6A61M 39/28 6A61M 5/14**  
[25] EN  
[54] **CONTAINER WITH PIVOTING TUBE CLAMP**  
[54] **RECIPIENT A ELEMENT DE SERRAGE DE TUBE PIVOTANT**  
[72] DANIELS, LEWIS E., JR., US  
[72] LAL, BIRENDRA K., US  
[71] BAXTER INTERNATIONAL INC., US  
[85] 1999-07-29  
[86] 1998-12-11 (PCT/US98/26367)  
[87] 1999-07-01 (WO99/32187)  
[30] US (08/994,883) 1997-12-19



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,279,335</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A23D 7/015</b> [25] EN [54] <b>SPREAD</b> [54] <b>PATE A TERTINER</b> [72] AZUMA, MASAYUKI, JP [72] KIMURA, OSAMU, JP [72] SHIINOKI, YASUHIKO, JP [72] TAJIRI, ASUKA, JP [71] SNOW BRAND MILK PRODUCTS CO., LTD., JP [85] 1999-07-29 [86] 1998-12-02 (PCT/JP98/05418) [87] 1999-06-10 (WO99/27797) [30] JP (332998/1997) 1997-12-03</p>	<p style="text-align: right;">[21] <b>2,279,339</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B32B 31/12 6B42D 15/00 6D21H 21/42</b> [25] EN [54] <b>MANUFACTURE OF SECURITY TAPES AND SECURITY THREADS</b> [54] <b>FABRICATION DE RUBANS ET FILS DE SECURITE</b> [72] KAY, RALPH, GB [71] DE LA RUE INTERNATIONAL LIMITED, GB [85] 1999-07-29 [86] 1998-01-26 (PCT/GB98/00215) [87] 1998-08-06 (WO98/33648) [30] GB (9702064.8) 1997-01-31</p>	<p style="text-align: right;">[21] <b>2,279,342</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01F 3/10 6G01F 25/00 6B67D 5/20</b> [25] EN [54] <b>DEVICE FOR MEASURING THE VOLUME OF FLOWING SUBSTANCE AND CORRESPONDING METHOD</b> [54] <b>DISPOSITIF PERMETTANT DE MESURER LE VOLUME DE SUBSTANCES EN ECOULEMENT ET PROCEDE CORRESPONDANT</b> [72] BLOSS, HANS ULRICH, DE [71] TOKHEIM CORPORATION, US [71] TOKHEIM GMBH, DE [85] 1999-07-29 [86] 1998-01-20 (PCT/EP98/00296) [87] 1998-07-30 (WO98/33042) [30] DE (197 03 243.5) 1997-01-29</p>
<p style="text-align: right;">[21] <b>2,279,337</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H02K 29/00 6H02P 7/62</b> [25] EN [54] <b>DYNAMO-ELECTRIC MACHINES AND CONTROL AND OPERATING SYSTEM FOR THE SAME</b> [54] <b>MACHINES DYNAMOELECTRIQUES, ET SYSTEME DE COMMANDE ET D'EXPLOITATION POUR LESDITES MACHINES</b> [72] BLUM, DEITER W., CA [71] BLUM, DEITER W., CA [85] 1999-07-29 [86] 1998-01-29 (PCT/CA98/00044) [87] 1998-08-06 (WO98/34332) [30] US (60/036,444) 1997-01-29</p>	<p style="text-align: right;">[21] <b>2,279,340</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H05K 3/20 6H05K 3/06</b> [25] EN [54] <b>A MANUFACTURING PROCESS FOR PRINTED CIRCUITS</b> [54] <b>PROCEDE DE FABRICATION POUR CIRCUITS IMPRIMES</b> [72] NIETO, RODOLFO KROEBEL, ES [71] LEAR AUTOMOTIVE DEARBORN, INC., US [71] MECANISMOS AUSILIARES INDUSTRIALES, S.A., ES [85] 1999-07-29 [86] 1998-01-28 (PCT/US98/01067) [87] 1998-08-06 (WO98/34444) [30] ES (9700184) 1997-01-31</p>	<p style="text-align: right;">[21] <b>2,279,344</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6C12N 5/10 6A61K 38/17 6C07K 16/28 6C12Q 1/68 6C07K 14/705 6C07K 14/72</b> [25] EN [54] <b>HUMAN C5A-LIKE RECEPTOR</b> [54] <b>RECEPTEUR HUMAIN DE TYPE C5A</b> [72] BANDMAN, OLGA, US [72] COLEMAN, ROGER, US [71] INCYTE PHARMACEUTICALS, INC., US [85] 1999-07-30 [86] 1998-01-20 (PCT/US98/01182) [87] 1998-08-06 (WO98/33908) [30] US (08/791,974) 1997-01-31</p>
<p style="text-align: right;">[21] <b>2,279,338</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E21B 7/06 6E21B 17/10</b> [25] EN [54] <b>DRILLING ASSEMBLY WITH A STEERING DEVICE FOR COILED-TUBING OPERATIONS</b> [54] <b>ENSEMBLE DE FORAGE AVEC DISPOSITIF DE GUIDAGE POUR OPERATIONS EFFECTUEES AVEC DES COLONNES DE PRODUCTION SPIRALEES</b> [72] FREYER, CARSTEN, DE [72] KRUEGER, VOLKER, DE [72] KRUSPE, THOMAS, DE [72] FABER, HANS JURGEN, DE [71] BAKER HUGHES INCORPORATED, US [85] 1999-07-29 [86] 1998-01-29 (PCT/US98/01681) [87] 1998-08-06 (WO98/34003) [30] US (60/036,572) 1997-01-30</p>	<p style="text-align: right;">[21] <b>2,279,341</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/10 6C12N 15/70</b> [25] EN [54] <b>GENERATION OF DIVERSITY IN COMBINATORIAL LIBRARIES</b> [54] <b>GENERATION DE DIVERSITE DANS DES LIBRAIRES COMBINATOIRES</b> [72] COLLINS, JOHN, DE [72] ROTTGEN, PETER, DE [71] COSMIX MOLECULAR BIOLOGICALS GMBH, DE [85] 1999-07-30 [86] 1998-02-02 (PCT/EP98/00533) [87] 1998-08-06 (WO98/33901) [30] EP (97101539.1) 1997-01-31</p>	<p style="text-align: right;">[21] <b>2,279,345</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/15 6C12N 5/10 6C12N 15/11 6C07K 16/38 6A61K 39/395 6A61K 38/57 6A61K 31/705 6C07K 14/81</b> [25] EN [54] <b>TISSUE FACTOR PATHWAY INHIBITOR-3</b> [54] <b>INHIBITEUR DES VOIES DE LA THROMBOPLASTINE TISSULAIRE 3</b> [72] NI, JIAN, US [72] GENTZ, REINER L., US [72] HSU, TSU-AN, US [72] ROSEN, CRAIG A., US [71] HUMAN GENOME SCIENCES, INC., US [85] 1999-08-02 [86] 1998-01-27 (PCT/US98/01468) [87] 1998-08-06 (WO98/33920) [30] US (60/036,703) 1997-01-31</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,279,346</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61N 5/06</b> [25] EN [54] <b>PELTIER COOLED APPARATUS AND METHODS FOR DERMATOLOGICAL TREATMENT</b> [54] <b>DISPOSITIFS DE REFROIDISSEMENT PELTIER ET PROCEDES DE TRAITEMENT DERMATOLOGIQUE</b> [72] MULLER, DAVID F., US [71] DIOMED, INC., US [85] 1999-07-29 [86] 1998-01-13 (PCT/US98/00558) [87] 1998-08-06 (WO98/33556) [30] US (08/791,608) 1997-01-31</p>	<p style="text-align: right;">[21] <b>2,279,349</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 51/00 6A61M 36/14</b> [25] EN [54] <b>POST-LABELING STABILIZATION OF RADIOLABELED PROTEINS AND PEPTIDES</b> [54] <b>STABILISATION APRES MARQUAGE DE PROTEINES ET DE PEPTIDES RADIOMARQUEES</b> [72] ZAMORA, PAUL O., US [72] MAREK, MICHAEL J., US [71] RHOMED INCORPORATED, US [85] 1999-07-30 [86] 1997-02-03 (PCT/US97/01695) [87] 1997-08-07 (WO97/28181) [30] US (60/011,027) 1996-02-02</p>	<p style="text-align: right;">[21] <b>2,279,352</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G09B 23/02 6G09B 19/02</b> [25] EN [54] <b>DOUBLE-BEAM MATH BALANCE</b> [54] <b>DISPOSITIF D'EQUILIBRE MATHEMATIQUE COMPORTANT DEUX POUTRES</b> [72] STEANE, DOUGLAS ALLAN, CA [71] STEANE, DOUGLAS ALLAN, CA [85] 1999-07-30 [86] 1998-02-11 (PCT/CA98/00072) [87] 1998-08-20 (WO98/36402) [30] GB (9702868.2) 1997-02-12</p>
<p style="text-align: right;">[21] <b>2,279,347</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 1/32</b> [25] EN [54] <b>MEDICAL SPECULUM</b> [54] <b>SPECULUM MEDICAL</b> [72] SMITH, JAMES RICHARD, GB [72] SMITH, NICOLA AILEEN, GB [72] CARLIN, ELIZABETH MARIE, GB [71] SMITH, JAMES RICHARD, GB [71] SMITH, NICOLA AILEEN, GB [71] CARLIN, ELIZABETH MARIE, GB [85] 1999-07-30 [86] 1998-01-30 (PCT/GB98/00292) [87] 1998-08-06 (WO98/33431) [30] GB (9702147.1) 1997-02-03</p>	<p style="text-align: right;">[21] <b>2,279,350</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01M 4/50</b> [25] EN [54] <b>NEW MANGANESE DIOXIDE ELECTRODES, PROCESS FOR PRODUCING THE SAME AND THEIR USE</b> [54] <b>NOUVELLES ELECTRODES EN DIOXYDE DE MANGANESE, LEUR PROCEDE DE FABRICATION ET LEUR UTILISATION</b> [72] RAHNER, DIETMAR, DE [72] GLAUSCH, RALF, DE [72] PLIETH, WALDFRIED, DE [72] HILARIUS, VOLKER, DE [72] PFAFF, GERHARD, DE [72] KLOSS, MATTHIAS, DE [71] MERK PATENT GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, DE [85] 1999-07-29 [86] 1998-01-21 (PCT/EP98/00309) [87] 1998-08-06 (WO98/34289) [30] DE (197 03 480.2) 1997-01-31 [30] DE (197 49 763.2) 1997-11-11</p>	<p style="text-align: right;">[21] <b>2,279,353</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06T 11/60</b> [25] EN [54] <b>A METHOD AND APPARATUS FOR PERFORMING CHROMA KEY, TRANSPARENCY AND FOG OPERATIONS</b> [54] <b>PROCEDE ET APPAREIL PERMETTANT D'EFFECTUER DES OPERATIONS D'INCRUSTATION COULEUR, DE TRANSPARENCE ET DE VOILE</b> [72] DONOVAN, WALTER E., US [71] MICRON TECHNOLOGY, INC., US [85] 1999-07-30 [86] 1998-01-28 (PCT/US98/01955) [87] 1998-08-20 (WO98/36379) [30] US (08/794,749) 1997-02-03</p>
<p style="text-align: right;">[21] <b>2,279,348</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 1/00 6A61M 1/14 6B01D 61/24 6B01D 61/28 6A61M 1/28 6B01D 61/32</b> [25] EN [54] <b>SYSTEM, METHOD AND COMPOSITION FOR DIALYSIS AND SHOCK TREATMENT</b> [54] <b>SYSTEME, PROCEDE ET COMPOSITION DE DIALYSE ET DE CHOC THERAPEUTIQUE</b> [72] STONE, ANDREW, US [71] STONE, ANDREW, US [85] 1999-07-29 [86] 1997-10-31 (PCT/US97/19768) [87] 1998-08-06 (WO98/33535) [30] US (08/797,695) 1997-01-31</p>	<p style="text-align: right;">[21] <b>2,279,351</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16C 17/08</b> [25] EN [54] <b>THRUST BEARING ASSEMBLY</b> [54] <b>ENSEMBLE PALIER DE BUTEE</b> [72] HACKETT, WILLIAM F., JR., US [71] HACKETT, WILLIAM F., JR., US [85] 1999-07-29 [86] 1998-01-28 (PCT/US98/01602) [87] 1998-07-30 (WO98/32980) [30] US (08/790,082) 1997-01-29</p>	<p style="text-align: right;">[21] <b>2,279,354</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08K 5/00 6C08F 283/01 6C09J 4/06 6C08K 5/18</b> [25] EN [54] <b>COLOR CHANGING TWO-PART SYSTEM AND METHOD OF DETERMINING THE CURING OF AN ADHESIVE</b> [54] <b>SYSTEME EN DEUX PARTIES CHANGEANT DE COULEUR ET PROCEDE PERMETTANT DE CONSTATER LE DURCISSEMENT D'UN ADHESIF</b> [72] ABBEY, KIRK J., US [72] DAWDY, TERRANCE H., US [72] HATCHER, JEFFREY A., US [72] RIGHETTINI, ROBIN F., US [71] LORD CORPORATION, US [85] 1999-07-30 [86] 1997-12-17 (PCT/US97/23661) [87] 1998-08-13 (WO98/34980) [30] US (08/795,163) 1997-02-07</p>

## PCT Applications Entering the National Phase

[21] **2,279,355**  
[13] A1

[51] **Int.Cl. 6D21B 1/02**  
[25] EN  
[54] **METHOD TO OBTAIN WOOD WITH WEAK FIBRE CONNECTIONS**  
[54] **PROCEDE POUR OBTENIR DU BOIS AYANT DE FAIBLES CONNEXIONS DE FIBRES**  
[72] SELTMAN, JOACHIM, W.O., SE  
[71] SELTMAN, JOACHIM, W.O., SE  
[85] 1999-07-30  
[86] 1997-01-31 (PCT/SE97/00152)  
[87] 1998-08-06 (WO98/33969)

[21] **2,279,356**  
[13] A1

[51] **Int.Cl. 6B65B 43/12 6B65B 55/02**  
[25] EN  
[54] **APPARATUS FOR PACKAGING FLOWABLE MATERIAL IN FLEXIBLE SEALABLE CONTAINERS ARRANGED IN A STRIP**  
[54] **MACHINE DE CONDITIONNEMENT**  
[72] SHIPWAY, MALCOLM, GB  
[71] DAVID S. SMITH PACKAGING LIMITED, GB  
[85] 1999-07-30  
[86] 1998-01-30 (PCT/GB98/00290)  
[87] 1998-08-06 (WO98/33708)  
[30] GB (9702066.3) 1997-01-31

[21] **2,279,357**  
[13] A1

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **REUSABLE AND PROTECTIVE UNDERWEAR HAVING IMPROVED CONTAINMENT PROPERTIES AND IMPROVED FIT AND CONSTRUCTION METHODS THEREOF**  
[54] **SOUS-VETEMENT REUTILISABLE ET PROTECTEUR PRESENTANT DES PROPRIETES DE RETENTION ET D'ADAPTATION AMELIOREES, ET PROCEDES DE FABRICATION**  
[72] COATES, FREDRICA V., US  
[71] TAILORED TECHNOLOGIES, INC., US  
[85] 1999-07-30  
[86] 1998-01-29 (PCT/US98/01645)  
[87] 1998-08-06 (WO98/33465)  
[30] US (08/792,735) 1997-01-31

[21] **2,279,358**  
[13] A1

[51] **Int.Cl. 6B01D 59/44**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR COLLECTING AND/OR SEPARATING IONISED SPECIES**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE RECUEILLIR ET/OU SEPARER DES ESPECES IONISEES**  
[72] BAILEY, GEOFFREY, GB  
[71] BRITISH NUCLEAR FUELS PLC, GB  
[85] 1999-07-30  
[86] 1998-02-23 (PCT/GB98/00395)  
[87] 1998-09-03 (WO98/37948)  
[30] GB (9703866.5) 1997-02-25  
[30] GB (9710821.1) 1997-05-22

[21] **2,279,360**  
[13] A1

[51] **Int.Cl. 6H04M 9/08 6H04B 3/23**  
[25] EN  
[54] **APPARATUS AND METHOD FOR ADAPTING AN ECHO CANCELLER IN A COMMUNICATION SYSTEM**  
[54] **APPAREIL ET PROCEDE POUR L'ADAPTATION D'UN ANNULEUR D'ECHOS DANS UN SYSTEME DE COMMUNICATION**  
[72] TAN, LIJUN, CA  
[72] LIU, HANYU, CA  
[71] MOTOROLA, INC., US  
[85] 1999-07-30  
[86] 1998-11-13 (PCT/US98/24365)  
[87] 1999-06-24 (WO99/31866)  
[30] US (08/989,692) 1997-12-12

[21] **2,279,361**  
[13] A1

[51] **Int.Cl. 6A61B 19/00 6G01N 33/48 6G01N 33/574**  
[25] EN  
[54] **PROGNOSIS OF CANCER PATIENTS BY DETERMINING EXPRESSION OF CELL CYCLE REGULATORS P27 AND CYCLIN E**  
[54] **PRONOSTIC POUR PATIENTS ATTEINTS DE CANCER PAR DETERMINATION DE L'EXPRESSION DES REGULATEURS, P27 ET CYCLINE E, DES CYCLES CELLULAIRES**  
[72] ROBERTS, JAMES M., US  
[72] PORTER, PEGGY L., US  
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US  
[85] 1999-07-30  
[86] 1998-01-29 (PCT/US98/01922)  
[87] 1998-08-06 (WO98/33450)  
[30] US (60/037,274) 1997-01-31

[21] **2,279,362**  
[13] A1

[51] **Int.Cl. 6C08F 16/06 6C08F 116/06 6C08F 216/06 6A61F 13/15 6A61F 13/20 6C08G 63/48 6C08G 63/91**  
[25] EN  
[54] **IMPROVED POLYVINYL ALCOHOL COMPOUND**  
[54] **COMPOSE AMELIORE A BASE DE POLYALCOOL DE VINYLE**  
[72] WENG, DEXI, US  
[71] PLAYTEX PRODUCTS, INC., US  
[85] 1999-07-30  
[86] 1998-03-02 (PCT/US98/03987)  
[87] 1998-09-11 (WO98/39370)  
[30] US (08/812,629) 1997-03-07

[21] **2,279,363**  
[13] A1

[51] **Int.Cl. 6B01D 61/00 6B01D 63/00**  
[25] EN  
[54] **CAST MEMBRANE STRUCTURES FOR SAMPLE PREPARATION**  
[54] **STRUCTURES DE MEMBRANE COULEE SERVANT A LA PREPARATION D'ECHANTILLONS**  
[72] ARNOLD, TODD E., US  
[72] GOEL, VINAY, US  
[72] KOPACIEWICZ, WILLIAM, US  
[72] SHEER, DONALD G., US  
[71] MILLIPORE CORPORATION, US  
[85] 1999-07-30  
[86] 1998-02-25 (PCT/US98/03696)  
[87] 1998-09-03 (WO98/37949)  
[30] US (60/038,909) 1997-02-26

[21] **2,279,840**  
[13] A1

[51] **Int.Cl. 6A61N 1/365**  
[25] EN  
[54] **RATE RESPONSIVE CARDIAC PACEMAKER WITH PEAK IMPEDANCE DETECTION FOR RATE CONTROL**  
[54] **STIMULATEUR CARDIAQUE SENSIBLE AU RYTHME ET DOTE D'UNE DETECTION D'IMPEDANCE MAXIMALE, AUX FINS DE REGULATION DU RYTHME**  
[72] SCHROEPEL, EDWARD A., US  
[72] STOTTS, LAWRENCE J., US  
[71] INTERMEDICS INC., US  
[85] 1999-05-05  
[86] 1997-10-31 (PCT/US97/19968)  
[87] 1998-05-14 (WO98/19737)  
[30] US (08/743,299) 1996-11-05

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,279,849</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09J 5/06 6C08G 59/68</b> [25] EN [54] <b>METHOD FOR GLUING A SURFACE TO A COMPONENT</b> [54] <b>PROCEDE POUR ASSEMBLER PAR COLLAGE UN COMPOSANT ET UNE SURFACE</b> [72] BAYER, HEINER, DE [72] WIPFELDER, ERNST, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 1999-08-06 [86] 1998-02-05 (PCT/DE98/00317) [87] 1998-08-13 (WO98/34992) [30] DE (197 05 027.1) 1997-02-10</p>	<p style="text-align: right;">[21] <b>2,279,999</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/18 6A01K 67/027 6A61K 38/18 6C12N 1/21 6C07K 16/22 6C07K 14/475</b> [25] EN [54] <b>THE NEUROTROPHIC FACTOR NNT-1</b> [54] <b>FACTEUR NEUROTROPHIQUE NNT-1</b> [72] ELLIOTT, GARY S., US [72] SARMIENTO, ULLA, US [72] CHANG, MING-SHI, US [72] SENALDI, GIORGIO, US [71] AMGEN INC., US [85] 1999-07-30 [86] 1998-02-02 (PCT/US98/02363) [87] 1998-08-06 (WO98/33922) [30] US (08/792,019) 1997-02-03 [30] US (09/016,534) 1998-01-30</p>	<p style="text-align: right;">[21] <b>2,280,088</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D03D 47/34 6D03D 47/30</b> [25] EN [54] <b>WEAVING LOOM WITH PNEUMATIC WEFT THREAD INSERTION</b> [54] <b>METIER A TISSER AVEC INSERTION PNEUMATIQUE DU FIL DE TRAME</b> [72] SPEICH, FRANCISCO, CH [71] TEXTILMA AG, CH [85] 1999-08-04 [86] 1997-04-09 (PCT/CH97/00141) [87] 1998-10-15 (WO98/45517)</p>
<p style="text-align: right;">[21] <b>2,279,863</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 317/44 6A61K 31/16 6C07C 317/46</b> [25] EN [54] <b>N-HYDROXY-BETA-SULFONYL-PROPIONAMIDE DERIVATIVES AND THEIR USE AS INHIBITORS OF MATRIX METALLOPROTEINASES</b> [54] <b>DERIVES DU N-HYDROXY-BETA-SULFONYL-PROPIONAMIDE ET LEUR UTILISATION COMME INHIBITEURS DES METALLOPROTEASES MATRICES</b> [72] ROBINSON, RALPH PELTON, US [71] PFIZER INC., US [85] 1999-08-06 [86] 1998-01-27 (PCT/IB98/00101) [87] 1998-08-13 (WO98/34915) [30] US (60/037,402) 1997-02-07</p>	<p style="text-align: right;">[21] <b>2,280,026</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65G 15/42</b> [25] EN [54] <b>CONVEYOR BELT WITH ENTRAINING INTERLINKED TELESCOPING TRIPLE CLEAT ASSEMBLIES</b> [54] <b>BANDE TRANSPORTEUSE A ENSEMBLES DE TROIS TASSEAUX TELESCOPIQUES INTERCONNECTES D'ENTRAINEMENT</b> [72] STUCKI, JEAN DANIEL, CA [71] STUCKI, JEAN DANIEL, CA [85] 1999-08-06 [86] 1997-12-18 (PCT/CA97/00975) [87] 1999-07-01 (WO99/32377)</p>	<p style="text-align: right;">[21] <b>2,280,094</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21H 17/71</b> [25] EN [54] <b>AQUEOUS DISPERSIONS OF HYDROPHOBIC MATERIAL</b> [54] <b>DISPERSIONS AQUEUSES DE MATERIAU HYDROPHOBE</b> [72] SIKKAR, REIN, SE [72] LINDGREN, ERIK, SE [72] FROLICH, STEN, SE [72] HÄLLSTROM, HANS, SE [71] AKZO NOBEL N.V., NL [85] 1999-08-04 [86] 1998-02-03 (PCT/SE98/00193) [87] 1998-08-06 (WO98/33980) [30] EP (97850017.1) 1997-02-05 [30] EP (97850016.3) 1997-02-05 [30] SE (9704932-4) 1997-12-30</p>
<p style="text-align: right;">[21] <b>2,279,917</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 15/78</b> [25] EN [54] <b>METHOD FOR SELF-SYNCHRONIZATION OF CONFIGURABLE ELEMENTS OF A PROGRAMMABLE COMPONENT</b> [54] <b>PROCEDE POUR AUTOSYNCHRONISATION D'ELEMENTS CONFIGURABLES D'UN MODULE PROGRAMMABLE</b> [72] MUNCH, ROBERT, DE [72] VORBACH, MARTIN, DE [71] PACT INFORMATIONSTECHNOLOGIE GMBH, DE [85] 1999-08-06 [86] 1998-02-07 (PCT/DE98/00334) [87] 1998-08-13 (WO98/35299) [30] DE (197 04 728.9) 1997-02-08</p>	<p style="text-align: right;">[21] <b>2,280,029</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C06B 25/34 6C06B 45/10</b> [25] EN [54] <b>PROPELLANT POWDER FOR BARRELLED WEAPONS</b> [54] <b>POUDRE PROPULSIVE POUR ARMES A CANON</b> [72] MULLER, DIETMAR, DE [72] LANGLOTZ, WALTER, DE [71] DIEHL STIFTUNG &amp; CO., DE [85] 1999-08-06 [86] 1998-02-06 (PCT/EP98/00639) [87] 1998-08-13 (WO98/34891) [30] DE (197 04 792.0) 1997-02-08 [30] DE (197 57 469.6) 1997-12-23</p>	<p style="text-align: right;">[21] <b>2,280,136</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21H 17/72</b> [25] EN [54] <b>SIZING OF PAPER</b> [54] <b>COLLAGE POUR LA PRODUCTION DE PAPIER</b> [72] FROLICH, STEN, SE [72] SIKKAR, REIN, SE [72] LINDGREN, ERIK, SE [71] AKZO NOBEL N.V., NL [85] 1999-08-04 [86] 1998-02-03 (PCT/SE98/00191) [87] 1998-08-06 (WO98/33982) [30] EP (97850016.3) 1997-02-05 [30] EP (97850017.1) 1997-02-05 [30] SE (9704930.8) 1997-12-30</p>

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[21] **2,280,137**

[13] A1

[51] **Int.Cl. 6D21H 17/71**

[25] EN

[54] **SIZING OF PAPER**

[54] **PROCEDE DE COLLAGE DE PAPIER**

[72] SIKKAR, REIN, SE

[72] FROLICH, STEN, SE

[72] LINDGREN, ERIK, SE

[71] AKZO NOBEL N.V., NL

[85] 1999-08-04

[86] 1998-02-03 (PCT/SE98/00192)

[87] 1998-08-06 (WO98/33979)

[30] EP (97850017.1) 1997-02-05

[30] EP (97850016.3) 1997-02-05

[30] SE (9704931-6) 1997-12-30

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[21] **2,280,151**

[13] A1

[51] **Int.Cl. 6C07D 211/62 6C07D 279/12  
6C07D 241/24 6A61K 31/445 6C07D 211/  
60 6C07D 211/90**

[25] EN

[54] **ARYLSULFONYL HYDROXAMIC ACID DERIVATIVES**

[54] **DERIVES DE L'ACIDE ARYLSULFONYLHYDROXAMIQUE**

[72] McCLURE, KIM FRANCIS, US

[71] PFIZER INC., US

[85] 1999-08-10

[86] 1998-01-16 (PCT/IB98/00064)

[87] 1998-08-13 (WO98/34918)

[30] US (60/037,600) 1997-02-11

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[21] **2,277,649**  
[13] A1  
[51] Int.Cl. **6F16D 55/227 6F16D 65/20 6F16D 65/52**  
[25] EN  
[54] **A BRAKE APPLICATION MECHANISM FOR A DISC BRAKE CALIPER**  
[54] **MECANISME D'APPLICATION DU FREIN POUR L'ETRIER D'UN FREIN A DISQUE**  
[72] SEVERINSSON, LARS, SE  
[71] HALDEX BRAKE PRODUCTS AB, SE  
[22] 1995-10-24  
[43] 1996-05-02  
[62] 2,201,901  
[30] SE (9403624-1) 1994-10-24

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[21] **2,277,720**  
[13] A1  
[51] Int.Cl. **6B27B 31/04**  
[25] EN  
[54] **BOARD INVERTER FOR LUMBER CONVEYOR**  
[54] **MACHINE DE TRANSFERT DE PANNEAUX POUR TRANSPORTEUR DE BOIS**  
[72] MOORE, STUART G., CA  
[71] MOORE, STUART G., CA  
[22] 1993-12-20  
[43] 1994-09-06  
[62] 2,111,950  
[30] US (08/026,768) 1993-03-05

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[21] **2,279,582**  
[13] A1  
[51] Int.Cl. **6H04B 1/59 6G01S 13/75**  
[25] EN  
[54] **PASSIVE TRANSPONDER WITH IMPEDANCE MODULATION**  
[54] **TRANSPONDEUR PASSIF AVEC MODULATION D'IMPEDANCE**  
[72] ELLWOOD, DAVID, US  
[72] URBAS, DONALD J., US  
[71] BIO MEDIC DATA SYSTEMS, INC., US  
[22] 1995-10-02  
[43] 1996-04-14  
[62] 2,159,679  
[30] US (08/322,644) 1994-10-13  
[30] US (08/497,349) 1995-06-30

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[21] **2,279,583**  
[13] A1  
[51] Int.Cl. **6H04B 1/59 6G01S 13/75**  
[25] EN  
[54] **METHOD FOR CALIBRATING AND MONITORING OF TRANSPONDER MEASURING MEANS**  
[54] **METHODE DE SURVEILLANCE ET D'ETALONNAGE D'UN MOYEN DE MESURE D'UN TRANSPONDEUR**  
[72] ELLWOOD, DAVID, US  
[72] URBAS, DONALD J., US  
[71] BIO MEDIC DATA SYSTEMS, INC., US  
[22] 1995-10-02  
[43] 1996-04-14  
[62] 2,159,679  
[30] US (08/322,644) 1994-10-13  
[30] US (08/497,349) 1995-06-30

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[21] **2,279,584**  
[13] A1  
[51] Int.Cl. **6H04B 1/59 6G01S 13/75**  
[25] EN  
[54] **PASSIVE TRANSPONDER WITH ENERGY EFFICIENT MEASURING MEANS**  
[54] **TRANSPONDEUR PASSIF AVEC MOYEN DE MESURE EFFICIENTE DE L'ENERGIE**  
[72] URBAS, DONALD J., US  
[72] ELLWOOD, DAVID, US  
[71] BIO MEDIC DATA SYSTEMS, INC., US  
[22] 1995-10-02  
[43] 1996-04-14  
[62] 2,159,679  
[30] US (08/322,644) 1994-10-13  
[30] US (08/497,349) 1995-06-30

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[21] **2,279,595**  
[13] A1  
[51] Int.Cl. **6B41J 2/41 6G06K 9/62**  
[25] EN  
[54] **METHOD OF OPERATING AN ELECTROSTATIC PRINTER**  
[54] **METHODE D'OPERATION D'UNE IMPRIMANTE ELECTROSTATIQUE**  
[72] POLLUTRO, DENNIS C., US  
[72] CYMAN, THEODORE F., US  
[71] MOORE BUSINESS FORMS, INC., US  
[22] 1991-03-26  
[43] 1991-12-01  
[62] 2,039,094  
[30] US (07/530,846) 1990-05-31

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[21] **2,280,470**

[13] A1

[51] **Int.Cl. 6C23F 1/08 6C23F 1/36**  
[25] EN  
[54] **NOVEL DEMETALLIZING APPARATUS**  
[54] **PROCEDE DE DEMETALLISATION NOUVEAU**  
[72] BECKETT, DONALD G., CA  
[71] FORT JAMES CORPORATION, US  
[22] 1992-02-13  
[43] 1992-08-15  
[62] 2,104,401  
[30] US (08/655,022) 1991-02-14

[21] **2,280,472**

[13] A1

[51] **Int.Cl. 6G02B 6/16 6G02B 1/00**  
[25] EN  
[54] **PHOTOINDUCED GRATING IN B2O3 CONTAINING GLASS**  
[54] **RESEAU DE DIFFRACTION PHOTOINDUIT DANS DU VERRE A L'OXYDE DE BORE**  
[72] AINSLIE, BENJAMIN JAMES, GB  
[72] KASHYAP, RAMAN, GB  
[72] WILLIAMS, DOUGLAS LAWRENCE, GB  
[72] MAXWELL, GRAEME DOUGLAS, GB  
[72] ARMITAGE, JONATHAN RICHARD, GB  
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[22] 1993-06-24  
[43] 1994-01-06  
[62] 2,117,682  
[30] EP (92305783.0) 1992-06-24

[21] **2,280,473**

[13] A1

[51] **Int.Cl. 6G02B 1/11**  
[25] EN  
[54] **OPTICAL FUNCTIONAL MATERIALS AND PROCESS FOR PRODUCING THE SAME**  
[54] **MATERIEL FONCTIONNEL D'OPTIQUE ET PROCEDE DE FABRICATION CONNEXE**  
[72] SUZUKI, HIROKO, JP  
[72] YAMASHITA, NATSUKO, JP  
[72] KATAGIRI, HIROOMI, JP  
[72] OKA, MOTOHIRO, JP  
[72] NAKAMURA, NORINAGA, JP  
[72] TAKEMATSU, KIYOTAKA, JP  
[72] TSUCHIYA, MITSURU, JP  
[72] OTA, YURIE, JP  
[71] DAI NIPPON PRINTING CO., LTD., JP  
[22] 1995-02-15  
[43] 1995-08-16  
[62] 2,142,580  
[30] JP (42022/1994) 1994-02-15  
[30] JP (100582/1994) 1994-04-14  
[30] JP (100583/1994) 1994-04-14  
[30] JP (41238/1995) 1995-02-06

[21] **2,280,475**

[13] A1

[51] **Int.Cl. 6B05B 7/04**  
[25] EN  
[54] **IMPROVED SPRAY NOZZLE DESIGN**  
[54] **BASE DE VAPORISATION**  
[72] JANES, GORDON PHILIP, CA  
[72] SPINK, DONALD R., CA  
[71] TURBOTAK TECHNOLOGIES, INC., CA  
[22] 1991-09-03  
[43] 1992-03-04  
[62] 2,090,865  
[30] GB (9019188.3) 1990-09-03

[21] **2,280,623**

[13] A1

[51] **Int.Cl. 6H03M 7/30 6G10L 9/18**  
[25] EN  
[54] **REAL-TIME DIGITAL AUDIO COMPRESSION/DECOMPRESSION SYSTEM**  
[54] **SYSTEME DE COMPRESSION-DECOMPRESSION EN TEMPS REEL DE SIGNAUX AUDIONUMERIQUES**  
[72] JONES, RONALD JAMES JR., US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1994-12-23  
[43] 1995-06-30  
[62] 2,139,095  
[30] US (08/174800) 1993-12-29

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Hibbel, Josef	2,130,019	LaFleur Petroleum Services, Inc.	2,098,722	Mulder, Robert S.	2,143,414
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COMPLIANCE INSTRUMENT, INC.	2,267,922	DESJARDINS, Raymond	2,266,830	ETHYL CORPORATION	2,261,513
COMPUWARE CORPORATION	2,267,476	DESMARAIS, Lionel Charles	2,233,922	EVANS CONSOLES, INC.	2,273,631
CONNECTOR MANUFACTURING COMPANY	2,246,016	DETTMAR, Uwe	2,266,290	EXTANT, INC.	2,266,962
CONRAD, George	2,238,421	DEUTSCHE TELEKOM AG	2,233,242	EZZE AB	2,267,037
CONRAD, Hans-Rolf	2,267,030	DEUTSCHE TELEKOM AG	2,266,168	F. HOFFMANN-LA ROCHE AG	2,264,951
CONTINENTAL PET TECHNOLOGIES, INC.	2,267,722	DI DOMENICO, Roberto	2,267,047	F. HOFFMANN-LA ROCHE AG	2,267,047
COOK, David James	2,266,863	DIMARCO, Anthony G.	2,233,404	F. HOFFMANN-LA ROCHE AG	2,267,506
COOPER CAMERON CORPORATION	2,262,240	DISCREET LOGIC INC.	2,267,513	F. HOFFMANN-LA ROCHE AG	2,267,510
COOPER CAMERON CORPORATION	2,262,243	DISCREET LOGIC INC.	2,267,518	FÄHLE, Matthias	2,266,883
CORDERY, Robert A.	2,267,436	DISCREET LOGIC INC.	2,267,520	FÄRGKLÄMMAN AB	2,266,736
CORDIS CORPORATION	2,267,709	DISCREET LOGIC INC.	2,267,545	FARRIS, David D.	2,267,134
CORDIS CORPORATION	2,267,728	DISCREET LOGIC INC.	2,270,035	FARROW, Cecil William	2,264,350
COREY, Joseph Michael	2,265,418	DOLFEL, Rainer	2,267,460	FARROW, Cecil William	2,264,470
COTTONE, Robert J., Jr.	2,267,728	DOMESLE, Rainer	2,267,010	FENTON, Gordon L.	2,264,361
COUSINEAU, Robert	2,233,513	DOMOSOLA, Robert	2,267,054	FERKEL, Stephen P.	2,266,273
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CRANE PLASTICS COMPANY LIMITED PARTNERSHIP	2,267,000	DRAUZ, Karlheinz	2,267,080	FERRON, Cesar J.	2,233,518
CRANE, William E.	2,267,134	DRAUZ, Karlheinz	2,267,084	FIEDZIUSZKO, Slawomir J.	2,260,447
		DRESSLER, Robert D.	2,267,409	FIORINI, John	2,267,051
		DRESSLER, Robert D.	2,267,738	FISHER, David A.	2,267,515
		DRYZMALA, Mark	2,255,187	FITZ, Jonathan G.	2,267,485
		D'SYLVA, Mark	2,267,695	FORBES, Robert J.	2,267,051
		DUBOUDIN, Thierry	2,267,400	FORD GLOBAL TECHNOLOGIES, INC.	2,266,863
				FORD GLOBAL TECHNOLOGIES, INC.	2,266,872
				FORD GLOBAL TECHNOLOGIES, INC.	2,267,056

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FORD MOTOR COMPANY OF CANADA, LIMITED	2,267,051	GROSSFELD, Henry	2,255,187	HOPPER, Hans Paul	2,262,240
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FUJII, Tatsuo	2,266,968	HALEY, Richard P.	2,267,845	HYDRO-QUEBEC	2,267,045
FUJIKIN INCORPORATED	2,267,453	HAMABE, Kojiro	2,266,810	I C E M ENTERPRISES INC.	2,233,645
FUJIMOTO, Masahisa	2,266,985	HAMABE, Kojiro	2,266,939	ICHIGI, Takenori	2,266,950
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GALLAGHER, Emerson	2,234,292	HARTOG, Scott	2,267,870	ILLINOIS TOOL WORKS INC.	2,266,273
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GIBSON, Mark W.	2,253,225	HELLWIG, John	2,233,763	INUI, Michiko	2,264,362
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GLOVER, Michael	2,233,387	HELLWIG, John	2,233,826	ISHIGURO, Tatsuo	2,266,140
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		HIROSE, Masato	2,266,305	JAYARANJAN, Nishanth	2,227,623
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		HOEDL, Herbert K.	2,233,517		
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JENKINS, Ian	2,255,187	KORFER, Stefan	2,265,403	LESSARD, Jean	2,267,045
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VISION PRODUCTS, INC.	2,267,064	KOYAMA, Tateo	2,267,544	LICHTBERGER, Bernhard	2,266,877
JOHNSON & JOHNSON		KRAFT, Laura	2,234,292	LIERMANN, Hans	2,233,854
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JONES, Philip Stephen	2,264,951	KREUZER, Thomas	2,267,054	LINSS, Gerhard	2,264,502
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TOSHIBA	2,267,544	KUO, Shih Yee	2,265,325	L'OREAL	2,264,323
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KAMINO, Maruo	2,266,985	KURILA, Jan	2,233,158	LOX, Egbert	2,267,054
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KANSAI PAINT CO., LTD.	2,267,711	KUTTNER, Wolfram	2,266,250	INC.	2,261,431
KARMAZIN PRODUCTS		KWASNIEWSKI, Tadeusz	2,233,530	LUCENT TECHNOLOGIES	
CORPORATION	2,266,966	KWOK, Raymond S.	2,260,447	INC.	2,263,887
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KASRAI, Masoud	2,268,216	LABEGORRE, Bernard	2,267,400	INC.	2,264,314
KATAYAMA SPECIAL		LAFLAMME PORTES ET		LUCENT TECHNOLOGIES	
INDUSTRIES, LTD.	2,233,532	FENETRES	2,233,740	INC.	2,264,350
KAUFER, Stephen	2,233,359	LAIL, Jason C.	2,265,176	LUCENT TECHNOLOGIES	
KAUFER, Stephen	2,267,476	L'AIR LIQUIDE, SOCIÉTÉ		INC.	2,264,433
KAUFMANN, Bernhard	2,267,508	ANONYME POUR		LUCENT TECHNOLOGIES	
KAWAKAMI, Soichiro	2,267,509	L'ÉTUDE ET		INC.	2,264,470
KAWAOKA, Akiyoshi	2,264,962	L'EXPLOITATION DES		LUCENT TECHNOLOGIES	
KAWASAKI STEEL		PROCÉD	2,267,400	INC.	2,264,471
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KAY, Paul Brittain	2,264,951	L'ÉTUDE ET		LUST, Victor	2,267,590
KAYSER, Robert A.	2,267,134	L'EXPLOITATION DES		LYNCH, Michael James	2,266,872
KEELER, Michael J.	2,258,397	PROCÉD	2,266,931	LYNCH, Nancy Jean	2,268,225
KEMACOAT		LAKEFIELD RESEARCH		MACHER, David	2,268,739
INTERNATIONAL INC.	2,253,225	LIMITED	2,233,518	MACKENZIE, Raymond Warren	2,267,005
KEMP, Michael F.	2,267,515	LAMONTAGNE, Boris	2,233,849	MACKENZIE, Raymond Warren	
KENNEDY, Dale Bradley	2,233,817	LANDAU, Reinhard	2,233,818	2,267,009 MacMILLAN	
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KENNEDY, William R.	2,265,402	LANGLEY, Theodore D.	2,267,701	MADURA, Rebecca Anne	2,264,260
KERSTIENS, Roy F.	2,262,186	LAUZON, Jocelyn	2,230,200	MAEDA, Isamu	2,248,431
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KHANNA, Sanjeev	2,264,314	LECOUR, Philippe	2,264,977	MAHER, Charles A., Jr.	2,264,337
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MANNING, John M.	2,267,000	METCALF, Arthur Steven	2,264,974	NABCO LTD.	2,238,218
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MANTOR, Michael	2,267,487	MEYER, Philipp Paul	2,259,054	NADEAU, Bertrand	2,233,740
MANTOR, Michael	2,267,870	MEYER, Philipp Paul	2,259,558	NADEAU, Raoul	2,233,740
MARANGONI, Lori	2,233,826	MEYERS, John E.	2,266,830	NADKARNI, Pradeep Dattatraya	2,265,096
MARGOTTE, Dieter	2,266,252	MEYERS, Martin Howard	2,264,433	NAGAOKA, Tadayoshi	2,262,030
MARIK, Gregory C.	2,266,935	MEYERS, Martin Howard	2,264,471	NAITO, Shozo	2,267,721
MARLEY, Michael	2,233,645	MIBELLE AG COSMETICS	2,264,441	NALUR, Shantha C.	2,264,295
MARSHALLTOWN TROWEL COMPANY	2,266,087	MIGLI, Carlo	2,267,739	NASON, Richard J.	2,267,064
MARTEL, Anna	2,233,375	MIKE, Carl Anthony	2,261,513	NASON, Richard J.	2,267,590
MARTEL, Anna	2,267,045	MILL, Gregory R.	2,267,845	NATSCHKE, Scott	2,238,367
MARTIN, W. Anthony	2,267,064	MILLER, Donald J., Jr.	2,257,330	NATSCHKE, Scott	2,238,546
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MATSUI, Komaharu	2,267,711	MISAWA, Ikuo	2,264,259	NEC CORPORATION	2,266,967
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MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,264,362	MITSUBISHI DENKI		NEC CORPORATION	2,267,505
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,267,848	KABUSHIKI KAISHA	2,253,731	NEC CORPORATION	2,267,921
MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC.	2,266,933	MITSUBISHI DENKI		NEC CORPORATION	2,268,224
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MAYER, Ferdinand	2,266,824	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,266,831	NEUMANN, Andreas	2,266,252
MAYHEW, Kent W.	2,227,492	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,267,938	NEWBRIDGE NETWORKS CORPORATION	2,233,491
MBK MASCHINENBAU GMBH	2,266,840	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,267,130	NEWBRIDGE NETWORKS CORPORATION	2,267,475
McCAMEY, Avon	2,266,995	MITSUDA, Hideki	2,267,015	NGK INSULATORS, LTD.	2,266,950
McCOMBER, Larry J.	2,266,087	MITSUDA, Hideki	2,267,130	NICHOLS, Stacy W.	2,267,432
McCRORY, Kevin Richard	2,260,620	MITSUBISHI CHEMICALS, INC.	2,267,015	NIPPON PAPER INDUSTRIES CO., LTD.	2,264,962
McCULLOCH, Gordon	2,227,512	MOFFITT, Bryan Scott	2,265,027	NIPPON SANSO CORPORATION	2,266,305
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McGILLIVRAY, Shawn Ray	2,267,807	MOORE, Ian Arnold	2,267,806	NISHIKAWA, Takenobu	2,236,127
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MCGREGOR, Matthew Scott	2,251,178	MORITA, Hirokazu	2,266,968	NITTO DENKO CORPORATION	2,267,130
McIVER, Kenneth	2,266,966	MORITA, Mitsumasa	2,238,218	NITTO DENKO CORPORATION	2,267,711
McNEIL-PPC, INC.	2,266,778	MORRIS, Edward Patrick	2,266,231	NOACK, Achim	2,267,046
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MECKSTROTH, Richard John	2,267,056	MORTON INTERNATIONAL, INC.	2,262,294	NOELL SERVICE UND MASCHINENTECHNIK GMBH	2,265,072
MEHRE, Klaus	2,266,840	MORTON INTERNATIONAL, INC.	2,266,147	NOELL SERVICE UND MASCHINENTECHNIK GMBH	2,265,074
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NORTON COMPANY	2,265,325	PFEIFFER, Ulrich J.	2,266,883	REGNIER, Luc R.	2,267,974
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